

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086357.D
 Acq On : 22 Apr 2016 21:23
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:37 PM

Quant Time: Apr 23 00:00:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 23:16:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	167276	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	741483	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	358152	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	641765	20.00	ng	0.00
75) Chrysene-d12	14.00	240	490682	20.00	ng	0.00
86) Perylene-d12	15.41	264	449188	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1028337	107.24	ng	0.01
7) Phenol-d6	6.48	99	1269792	100.51	ng	0.00
23) Nitrobenzene-d5	7.41	82	1207532	93.36	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	312527	109.57	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1863717	86.37	ng	0.00
78) Terphenyl-d14	12.94	244	1765697	86.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	265931	51.44	ng	99
3) Pyridine	3.13	79	692771	51.60	ng	99
4) n-Nitrosodimethylamine	3.07	42	239145	52.40	ng	98
6) Aniline	6.51	93	871642	51.82	ng	# 88
8) 2-Chlorophenol	6.62	128	577479	50.45	ng	97
9) Benzaldehyde	6.38	77	379574	43.10	ng	99
10) Phenol	6.49	94	739028	50.82	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	609077	48.47	ng	98
12) 1,3-Dichlorobenzene	6.78	146	635650	50.86	ng	98
13) 1,4-Dichlorobenzene	6.86	146	673993	50.33	ng	99
14) 1,2-Dichlorobenzene	7.01	146	568059	47.57	ng	99
15) Benzyl Alcohol	6.99	79	422562	54.24	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	832610	47.62	ng	100
17) 2-Methylphenol	7.10	107	507951	53.32	ng	98
18) Hexachloroethane	7.36	117	217363	54.20	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	385833	50.67	ng	91
20) 3+4-Methylphenols	7.25	107	514195	49.61	ng	97
22) Acetophenone	7.25	105	736780	47.10	ng	# 97
24) Nitrobenzene	7.44	77	648809	46.95	ng	# 80
25) Isophorone	7.68	82	1151721	47.11	ng	# 92
26) 2-Nitrophenol	7.74	139	341017	54.89	ng	97
27) 2,4-Dimethylphenol	7.79	122	571453	47.34	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	646389	45.59	ng	99
29) 2,4-Dichlorophenol	7.98	162	483189	50.30	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	499982	48.45	ng	100
31) Naphthalene	8.16	128	1790797m	50.38	ng	
32) Benzoic acid	7.92	122	395830	55.21	ng	94
33) 4-Chloroaniline	8.20	127	763194	51.84	ng	99
34) Hexachlorobutadiene	8.27	225	232655	44.79	ng	100
35) Caprolactam	8.58	113	168431	54.23	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	549202	50.52	ng	96
37) 2-Methylnaphthalene	8.84	142	1035597	47.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	439772	46.31	ng	99
40) Hexachlorocyclopentadiene	9.00	237	228477	98.50	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086357.D
 Acq On : 22 Apr 2016 21:23
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:37 PM

Quant Time: Apr 23 00:00:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 23:16:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	301488	45.82	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	355505	49.30	nq	99
45) 1,1'-Biphenyl	9.31	154	1312890	46.84	nq	99
46) 2-Chloronaphthalene	9.33	162	1049664	49.31	nq	99
47) 2-Nitroaniline	9.42	65	358010	49.51	nq	94
48) Acenaphthylene	9.74	152	1665756	49.51	nq	99
49) Dimethylphthalate	9.61	163	1151764	42.23	nq	100
50) 2,6-Dinitrotoluene	9.66	165	271630	48.36	nq	93
51) Acenaphthene	9.92	154	1012581	50.81	nq	98
52) 3-Nitroaniline	9.84	138	352720	49.28	nq	92
53) 2,4-Dinitrophenol	9.94	184	154107	117.70	nq	92
54) Dibenzofuran	10.09	168	1319786	49.31	nq	98
55) 4-Nitrophenol	10.00	139	257062	56.59	nq	95
56) 2,4-Dinitrotoluene	10.08	165	365112	51.82	nq	# 68
57) Fluorene	10.43	166	1055179	52.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	257448	52.78	nq	99
59) Diethylphthalate	10.30	149	1113334	42.00	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	436759	47.36	nq	99
61) 4-Nitroaniline	10.45	138	360367	52.69	nq	92
62) Azobenzene	10.58	77	1206275	45.99	nq	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	202269	95.22	nq	78
65) n-Nitrosodiphenylamine	10.54	169	969502	46.71	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	303497	44.53	nq	99
67) Hexachlorobenzene	10.98	284	326578	47.59	nq	96
68) Atrazine	11.07	200	298232	46.32	nq	96
69) Pentachlorophenol	11.16	266	212638	57.95	nq	96
70) Phenanthrene	11.39	178	1548141	50.85	nq	100
71) Anthracene	11.44	178	1687025	51.30	nq	100
72) Carbazole	11.60	167	1687444	53.85	nq	98
73) Di-n-butylphthalate	11.93	149	1724131	44.45	nq	100
74) Fluoranthene	12.57	202	1616893	55.80	nq	99
76) Benzidine	12.69	184	1027713	47.50	nq	100
77) Pyrene	12.80	202	1567772	43.45	nq	99
79) Butylbenzylphthalate	13.43	149	823695	43.89	nq	100
80) Benzo(a)anthracene	13.99	228	1220774	47.40	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	815997	45.51	nq	98
82) Chrysene	14.02	228	1258452	44.95	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	858177	39.39	nq	99
84) Di-n-octyl phthalate	14.59	149	1668961	42.11	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1161230	41.51	nq	100
87) Benzo(b)fluoranthene	15.01	252	1365400m	51.15	nq	
88) Benzo(k)fluoranthene	15.04	252	1060853m	49.13	nq	
89) Benzo(a)pyrene	15.36	252	1172477	48.90	nq	98
90) Dibenzo(a,h)anthracene	16.81	278	950209	46.02	nq	99
91) Benzo(g,h,i)perylene	17.21	276	971825	48.72	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

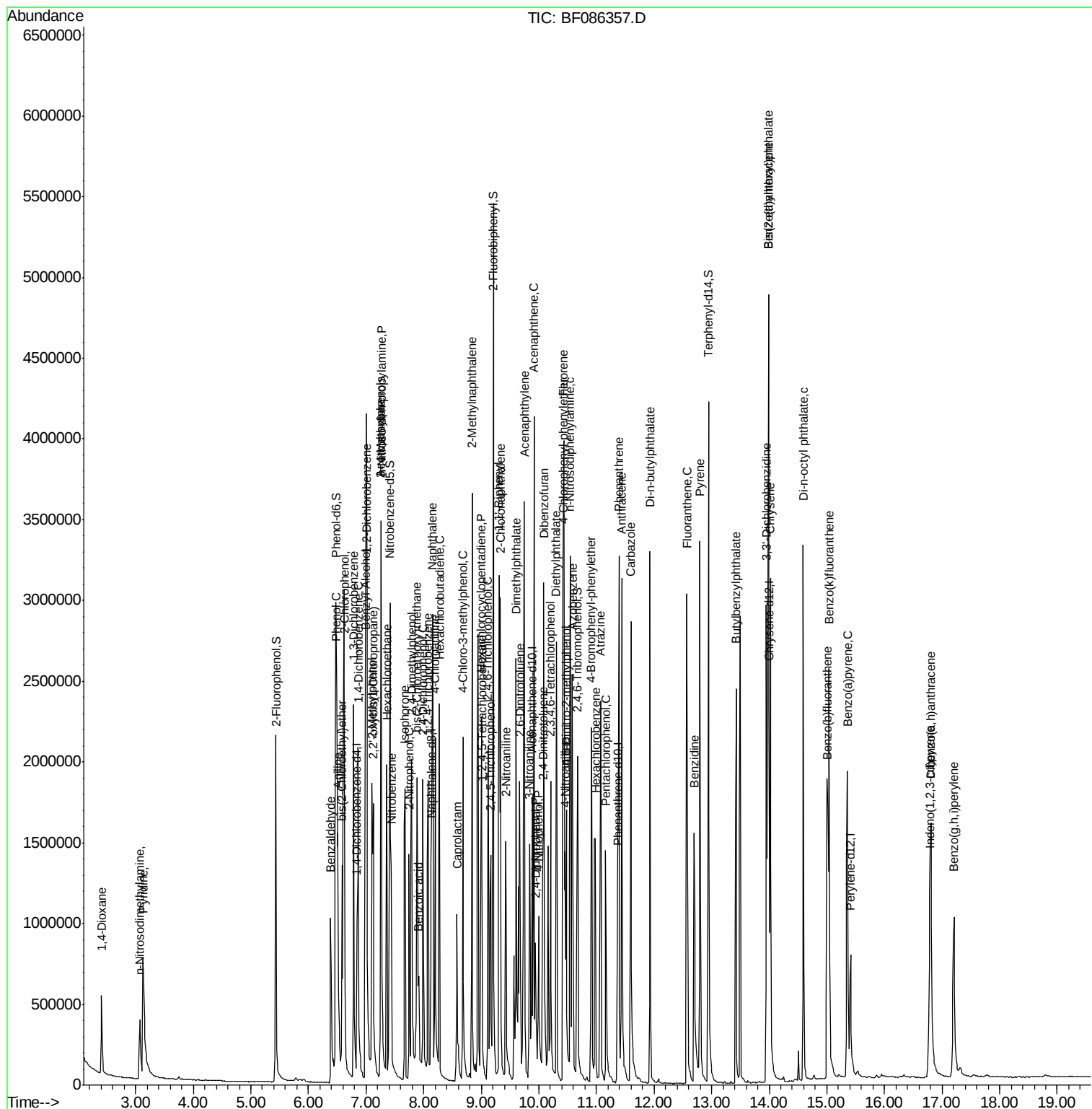
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\  
Data File : BF086357.D  
Acq On    : 22 Apr 2016   21:23  
Operator  : UM/SJ  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
```

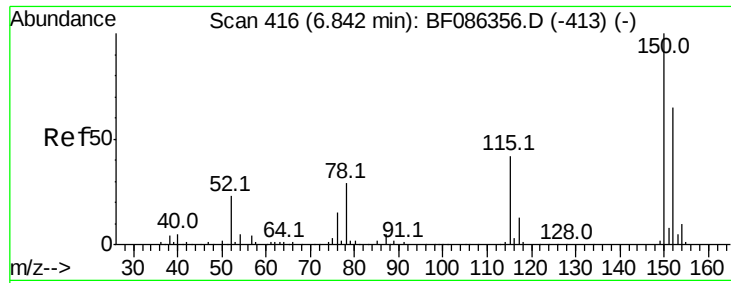
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

sohil
4/25/2016 12:35:37 PM

Quant Time: Apr 23 00:00:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 23:16:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

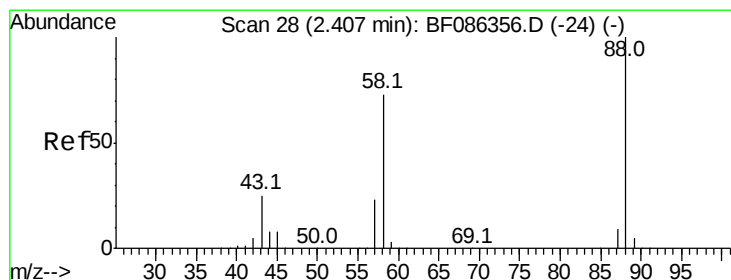
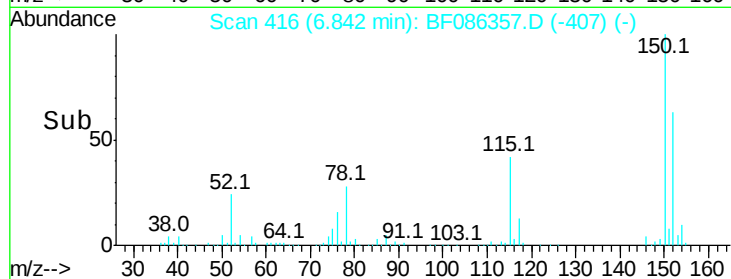
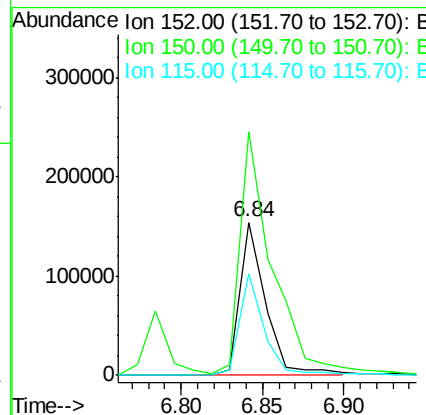
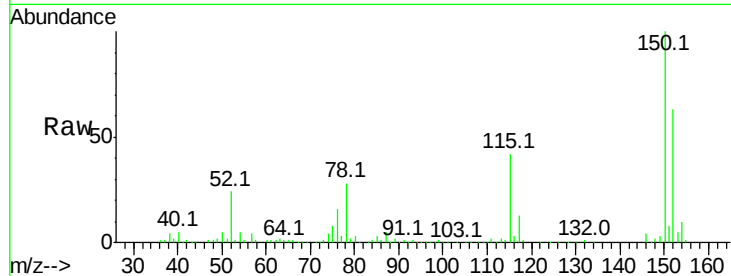
ClientSampleId :

SSTDIC050

Tot Ion:	152	Resp:	167276
Ion Ratio	Lower	Upper	
152	100		
150	159.0	125.8	188.6
115	66.1	51.5	77.3

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#2

1,4-Dioxane

Concen: 51.44 ng

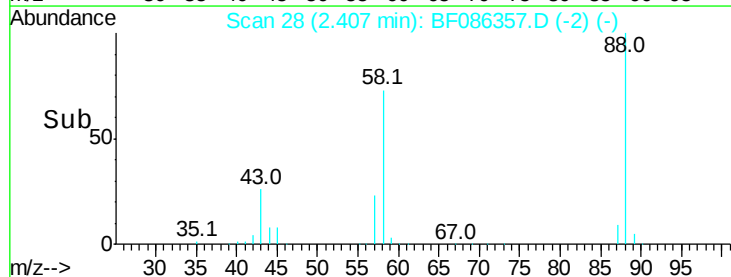
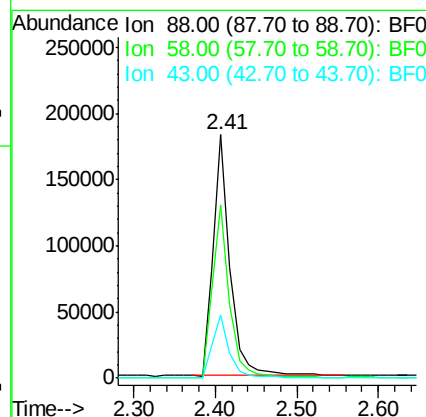
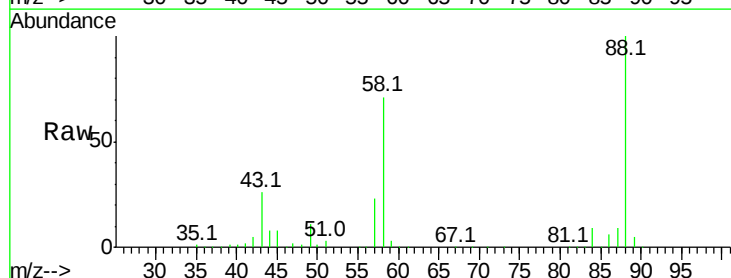
RT: 2.41 min Scan# 28

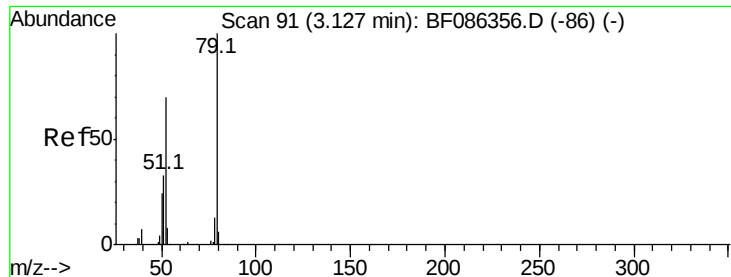
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion:	88	Resp:	265931
Ion Ratio	Lower	Upper	
88	100		
58	73.2	59.6	89.4
43	27.4	21.8	32.6





#3

Pvridine

Concen: 51.60 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

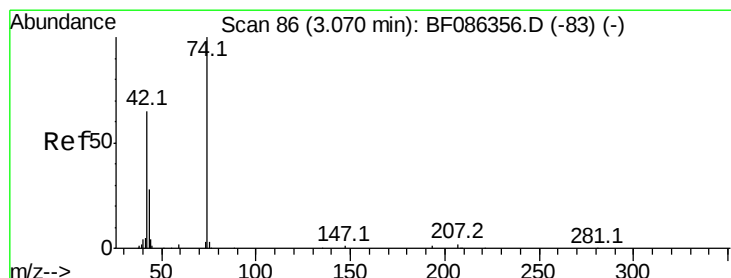
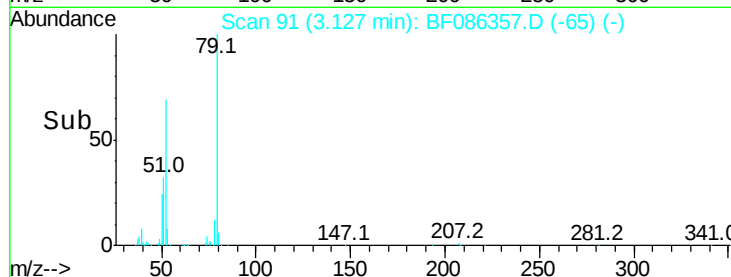
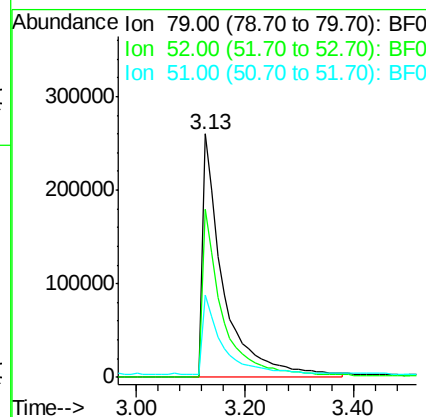
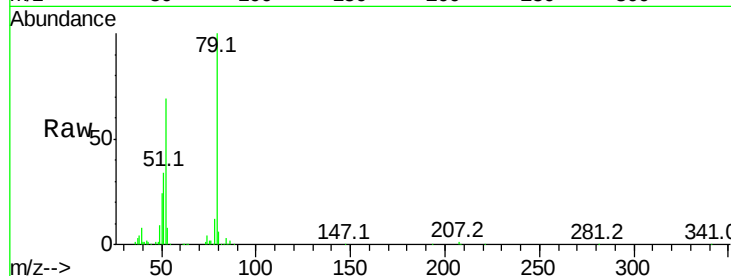
SSTDIC050

Manual Integrations
APPROVED

sohil

4/25/2016 12:35:37 PM

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.2	55.9	83.9
51	33.8	28.1	42.1



#4

n-Nitrosodimethylamine

Concen: 52.40 ng

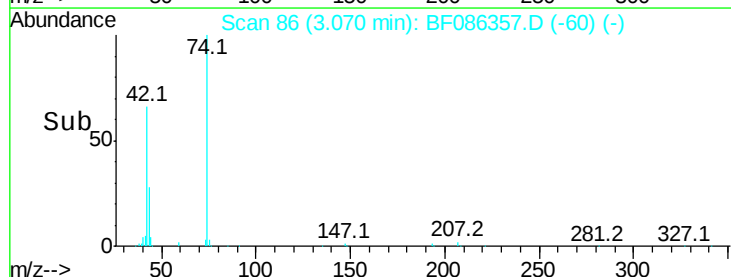
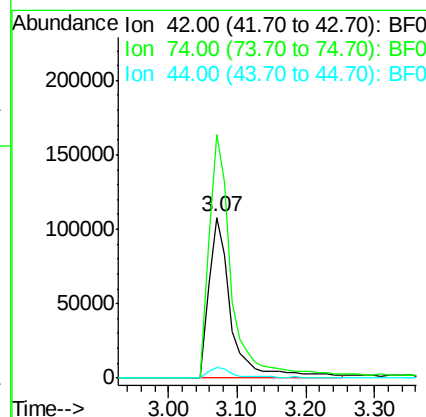
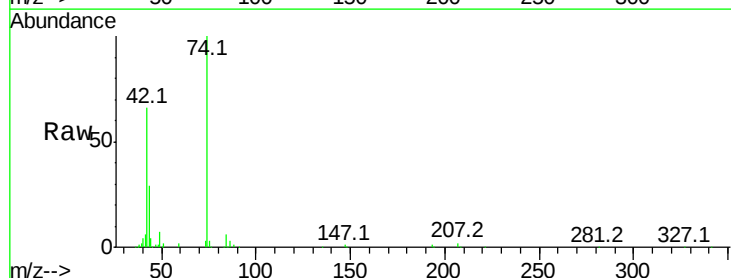
RT: 3.07 min Scan# 86

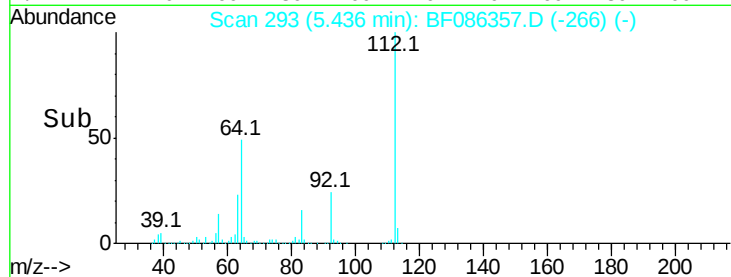
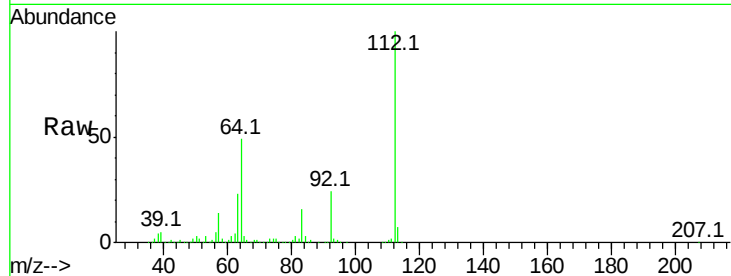
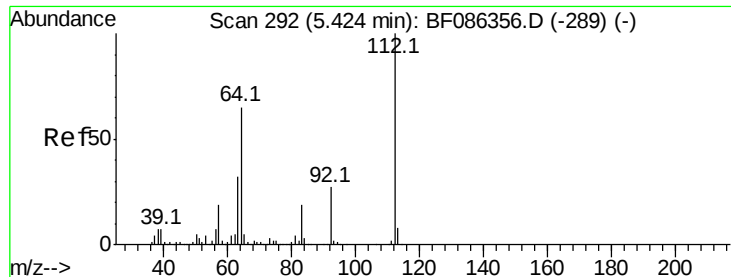
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.5	123.4	185.0
44	6.7	5.8	8.6





#5

2-Fluorophenol

Concen: 107.24 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:112 Resp: 1028337

Ion Ratio Lower Upper

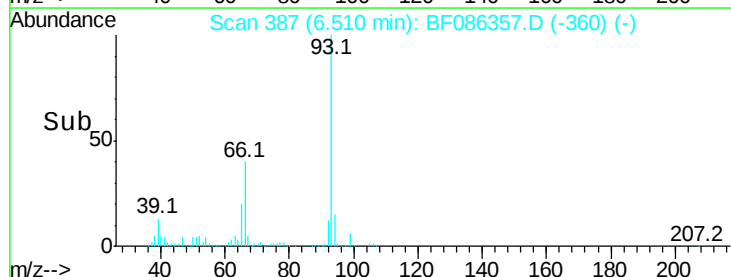
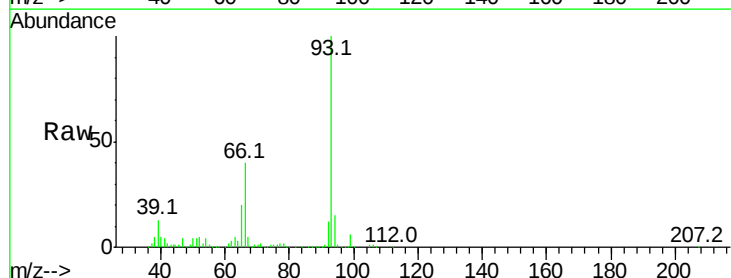
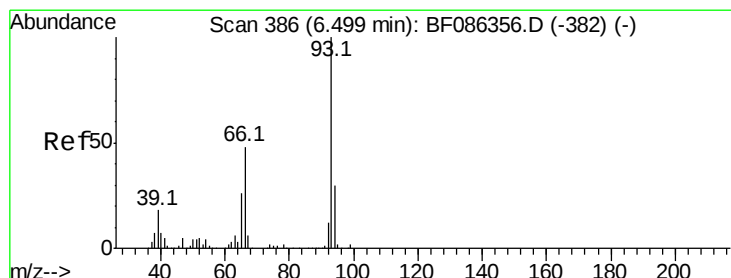
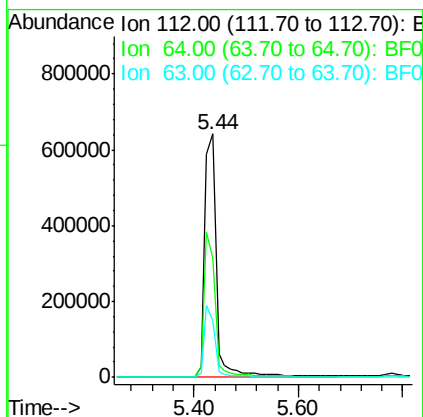
112 100

64 49.0 52.1 78.1#

63 23.5 25.7 38.5#

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#6

Aniline

Concen: 51.82 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

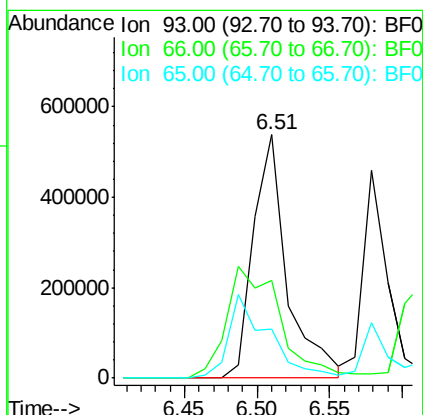
Tgt Ion: 93 Resp: 871642

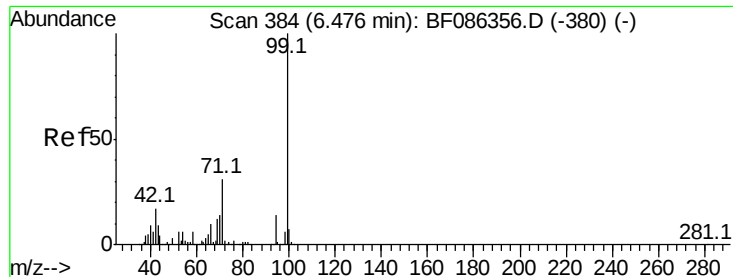
Ion Ratio Lower Upper

93 100

66 40.0 39.0 58.6

65 20.4 20.6 31.0#





#7

Phenol-d6

Concen: 100.51 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 99 Resp: 1269792

Ion Ratio Lower Upper

99 100

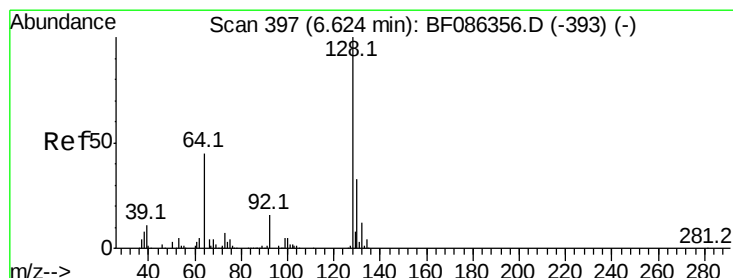
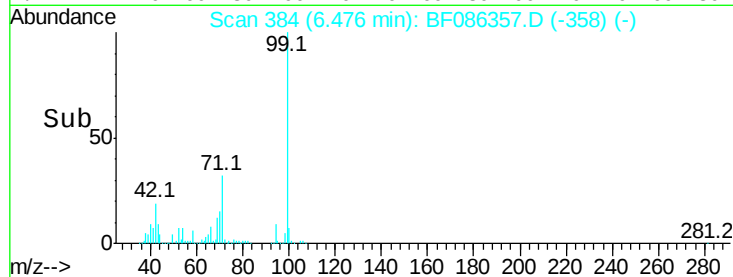
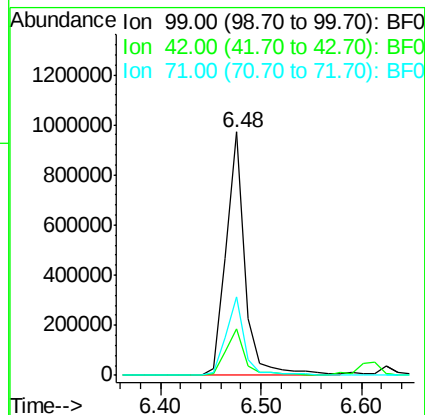
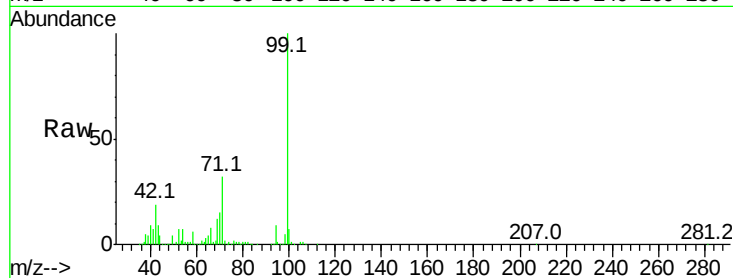
42 19.3 13.6 20.4

71 32.0 24.6 36.8

Manual Integrations
APPROVED

sohil

4/25/2016 12:35:37 PM



#8

2-Chlorophenol

Concen: 50.45 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

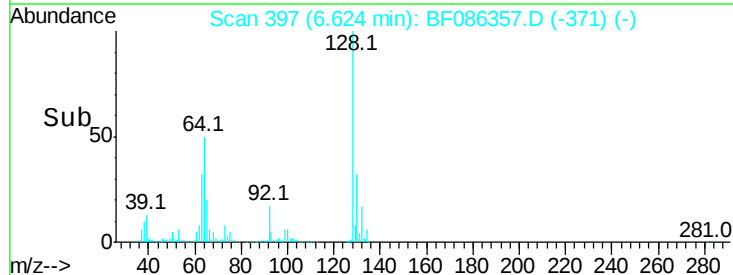
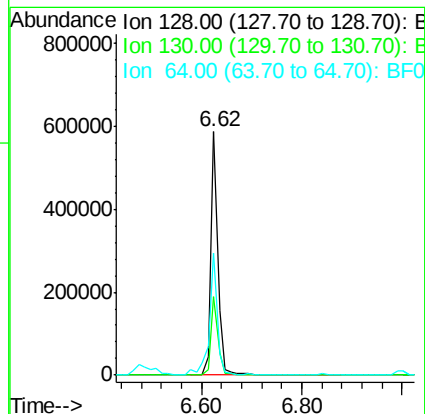
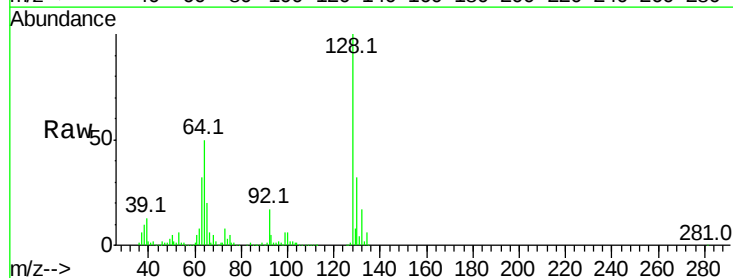
Tgt Ion: 128 Resp: 577479

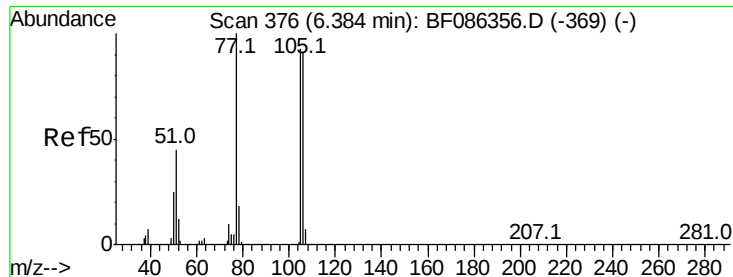
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 50.3 27.3 67.3





#9

Benzaldehyde

Concen: 43.10 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

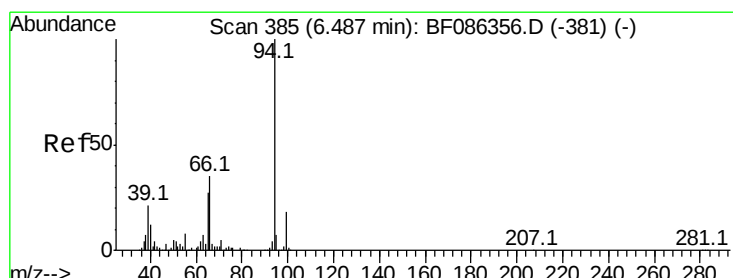
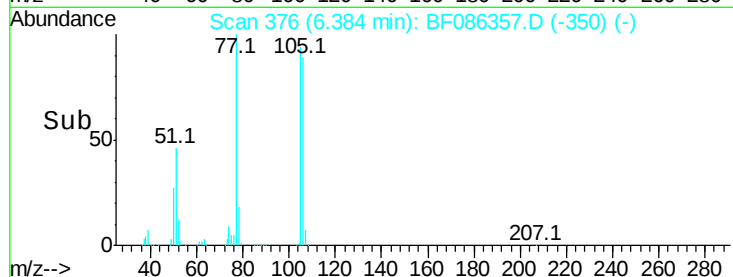
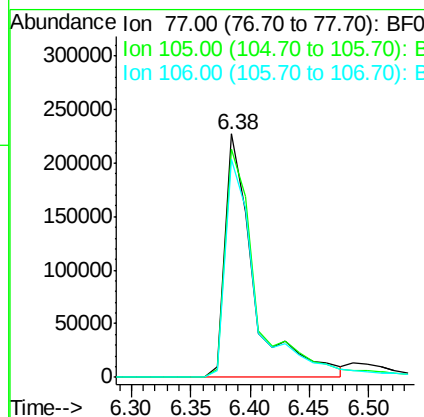
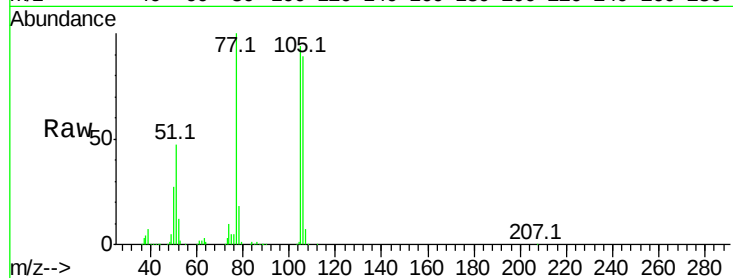
ClientSampleId :

SSTDIC050

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM

Tot Ion:	77	Resp:	379574
Ion	Ratio	Lower	Upper
77	100		
105	93.6	72.7	112.7
106	89.4	70.8	110.8



#10

Phenol

Concen: 50.82 ng

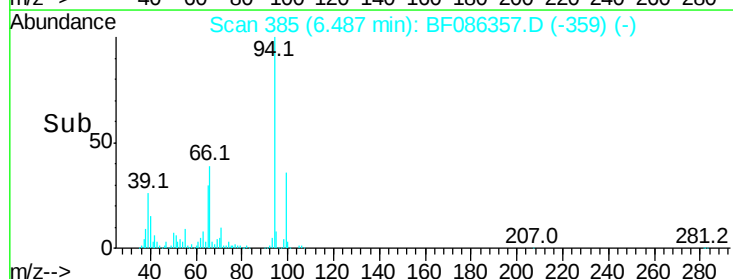
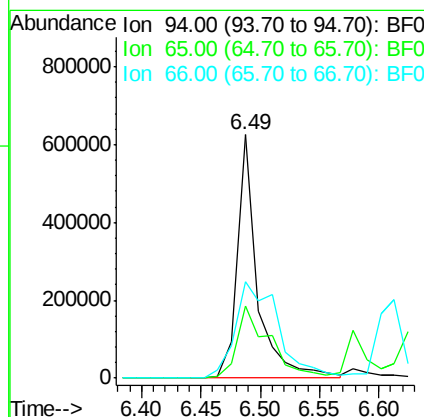
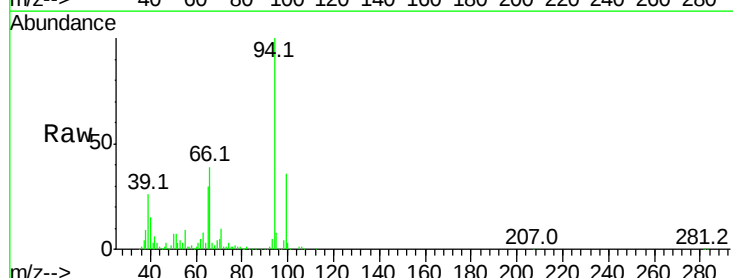
RT: 6.49 min Scan# 385

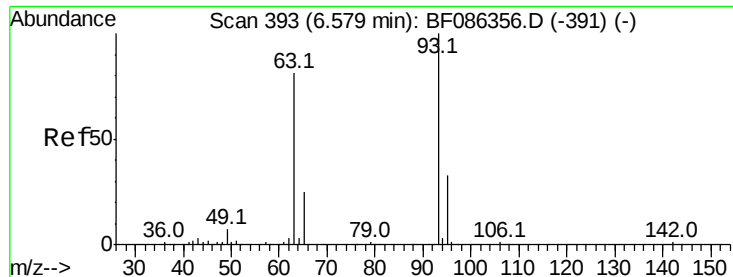
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion:	94	Resp:	739028
Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.2	47.2
66	39.4	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 48.47 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

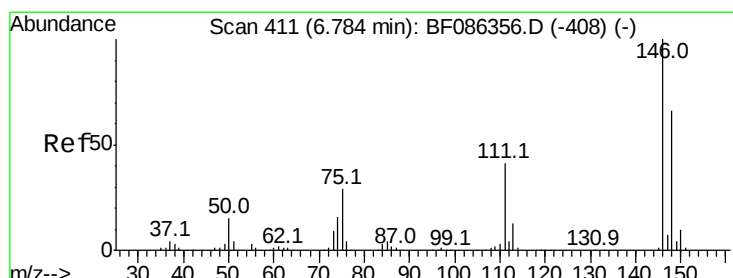
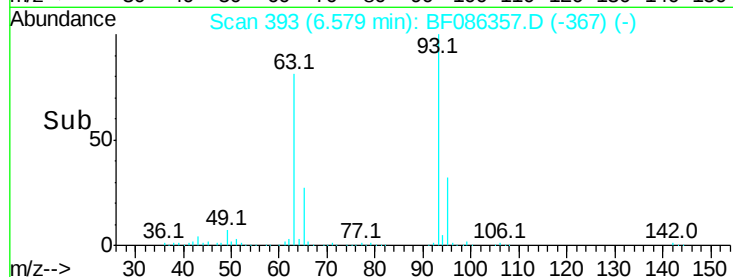
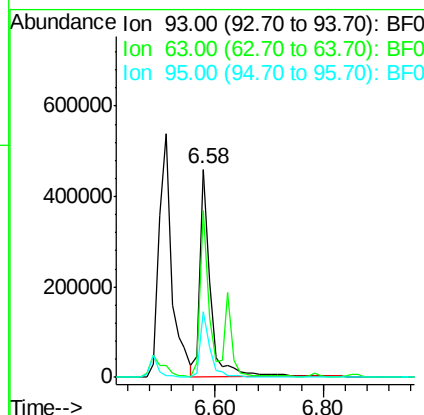
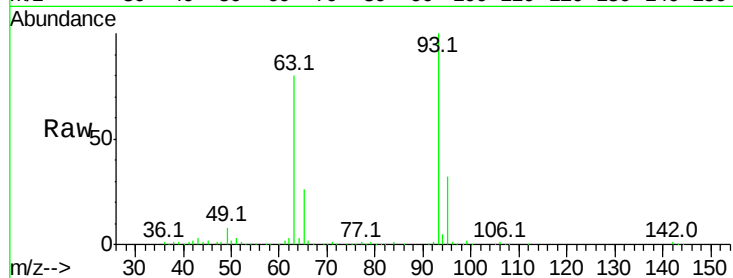
ClientSampleId :

SSTDICC050

Tot Ion:	93	Resp:	609077
Ion Ratio	Lower	Upper	
93	100		
63	80.4	58.0	98.0
95	31.8	11.9	51.9

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#12

1,3-Dichlorobenzene

Concen: 50.86 ng

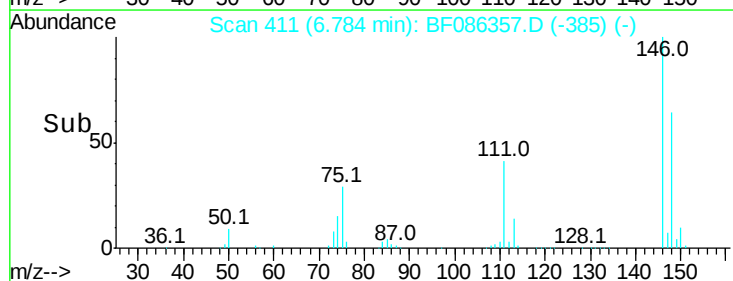
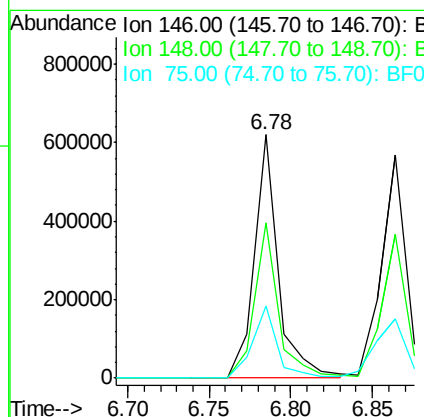
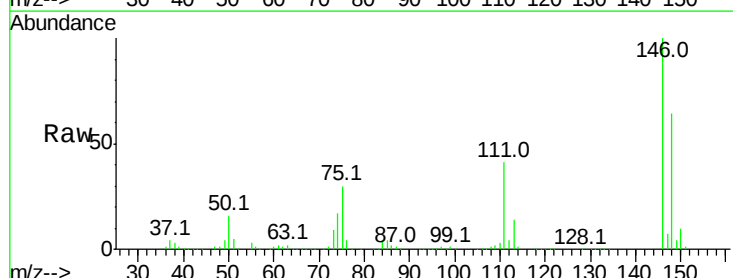
RT: 6.78 min Scan# 411

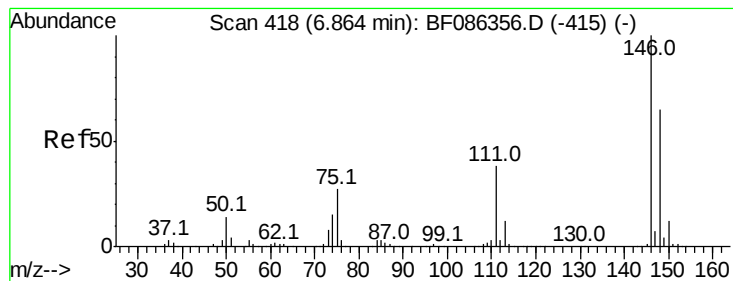
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion:	146	Resp:	635650
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.4	78.6
75	29.8	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 50.33 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

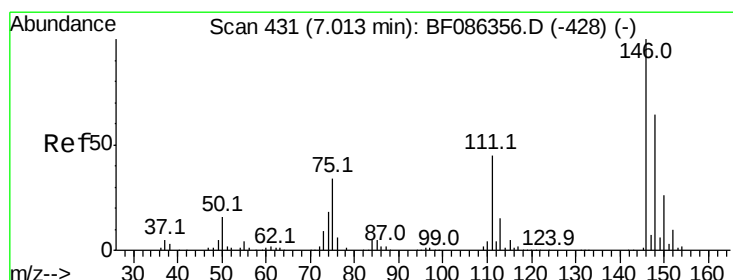
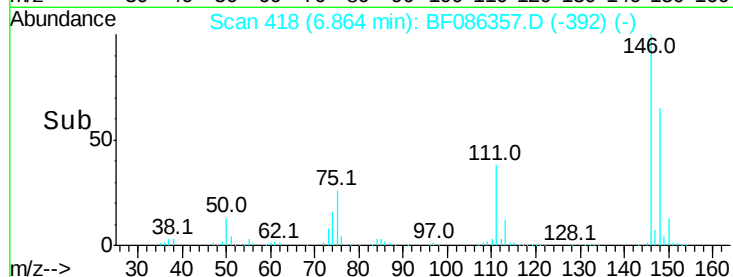
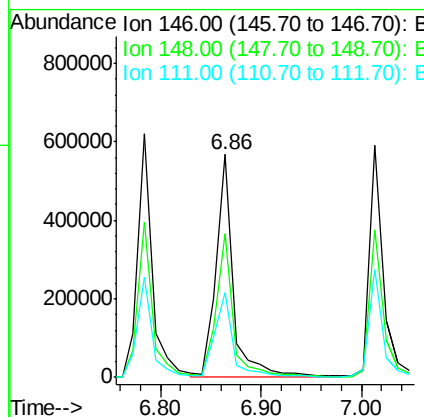
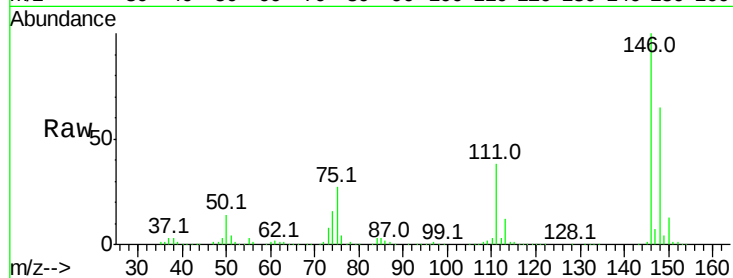
ClientSampleId :

SSTDICC050

Tot Ion:	146	Resp:	673993
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.4
111	38.2	30.7	46.1

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#14

1,2-Dichlorobenzene

Concen: 47.57 ng

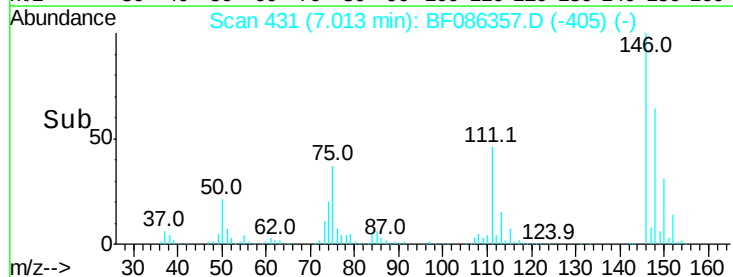
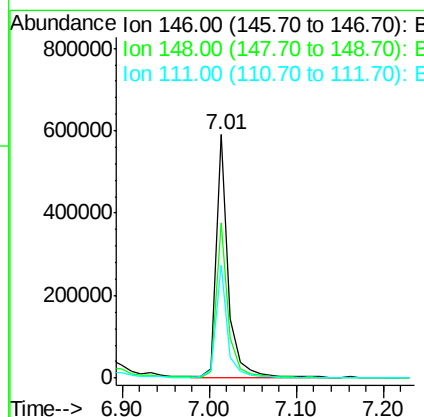
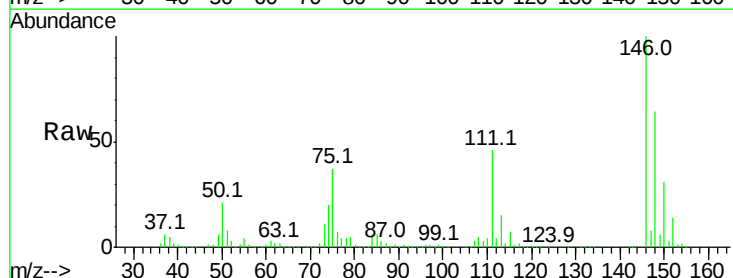
RT: 7.01 min Scan# 431

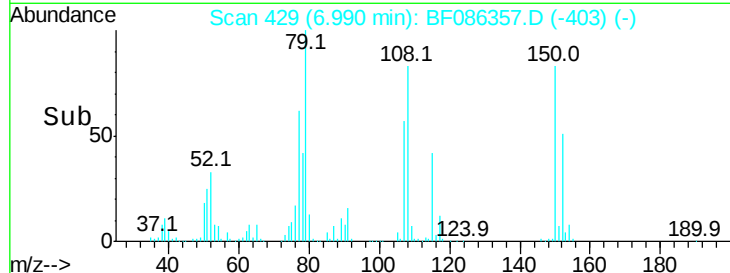
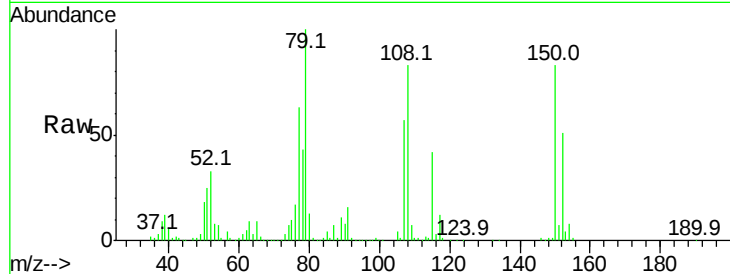
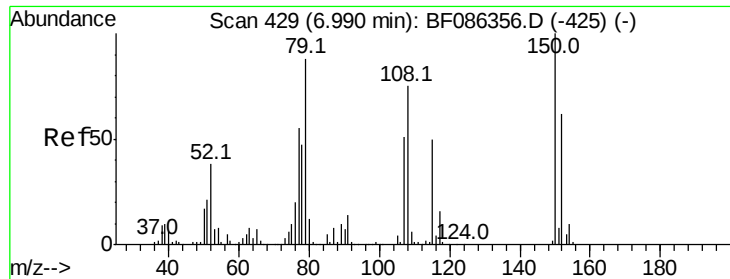
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion:	146	Resp:	568059
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.0	76.6
111	46.4	36.2	54.4





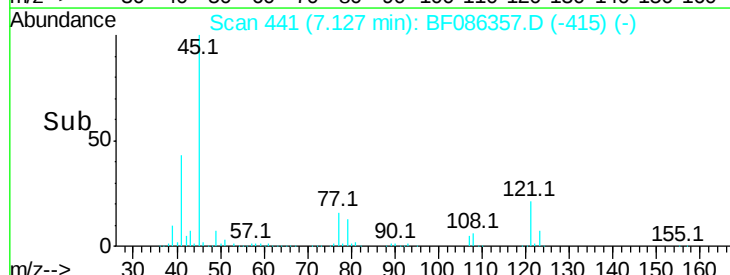
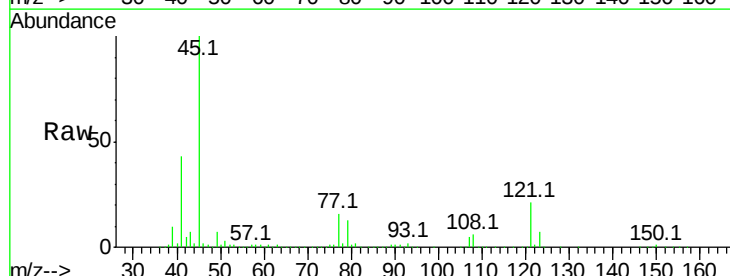
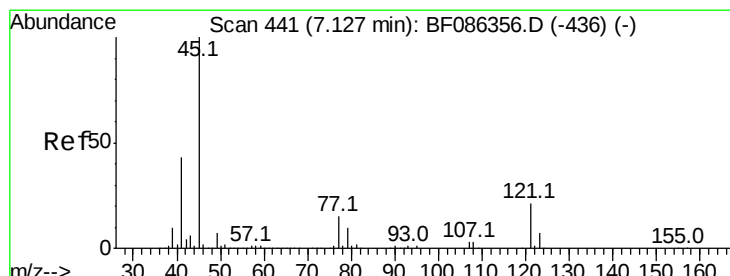
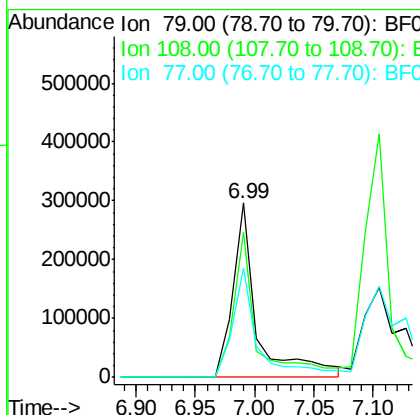
#15
Benzyl Alcohol
Concen: 54.24 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tot Ion: 79 Resp: 422562
Ion Ratio Lower Upper
79 100
108 83.0 68.4 102.6
77 62.6 50.6 76.0

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

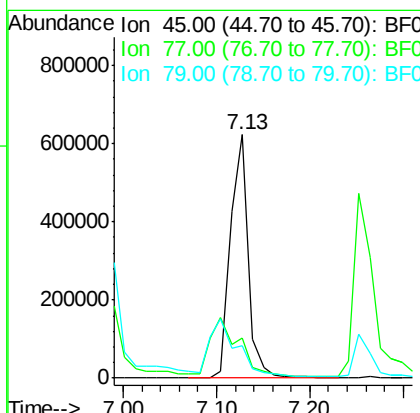
Manual Integrations
APPROVED

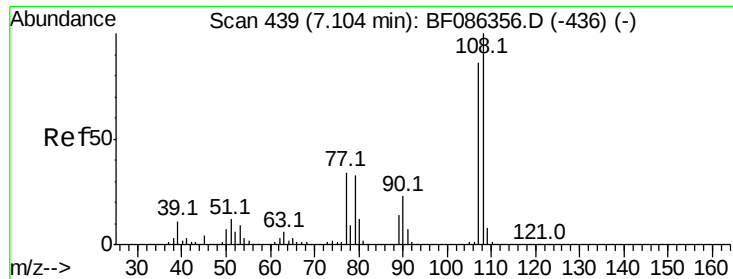
sohil
4/25/2016 12:35:37 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.62 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion: 45 Resp: 832610
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.4
79 13.5 0.0 33.4





#17

2-Methylphenol

Concen: 53.32 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

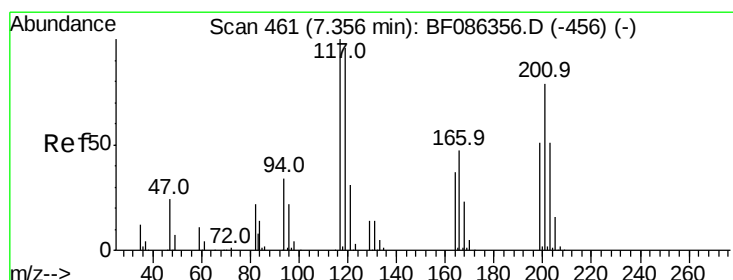
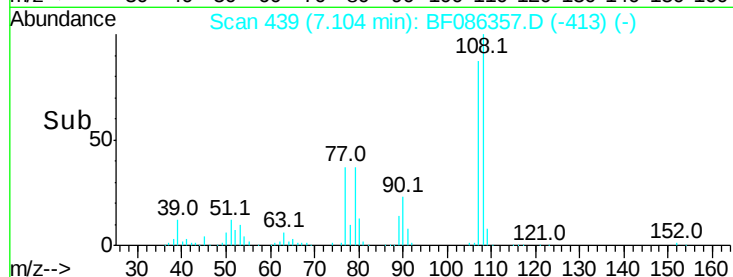
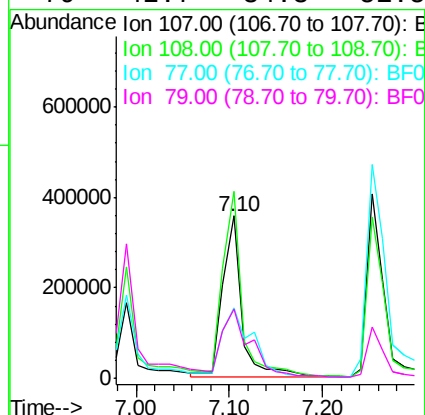
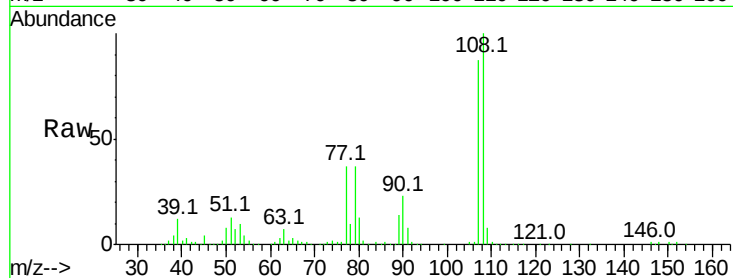
ClientSampleId :

SSTDIC050

Tot Ion:	107	Resp:	507951
Ion Ratio	Lower	Upper	
107	100		
108	115.3	93.7	140.5
77	43.1	33.4	50.0
79	42.7	34.3	51.5

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#18

Hexachloroethane

Concen: 54.20 ng

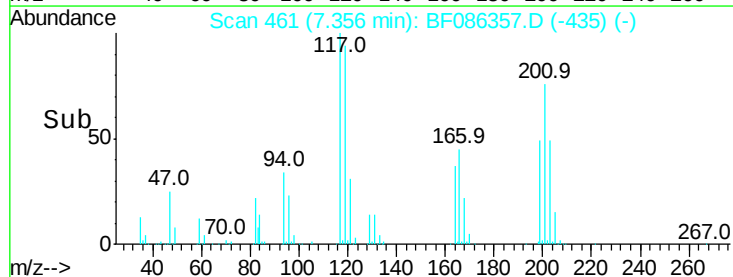
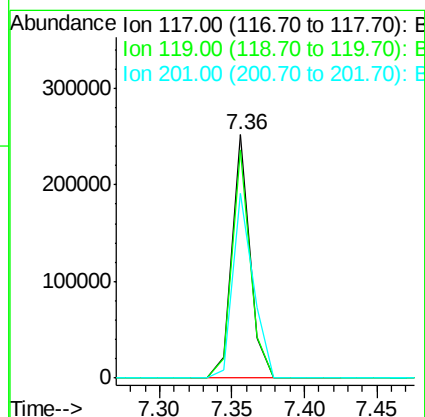
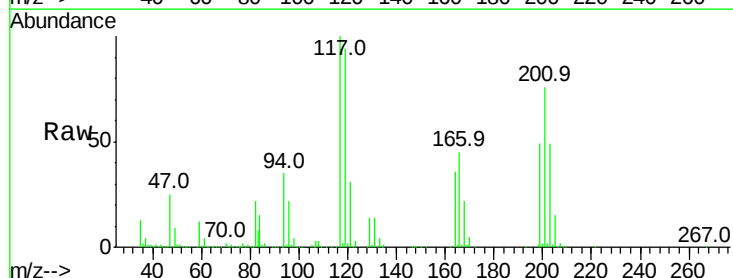
RT: 7.36 min Scan# 461

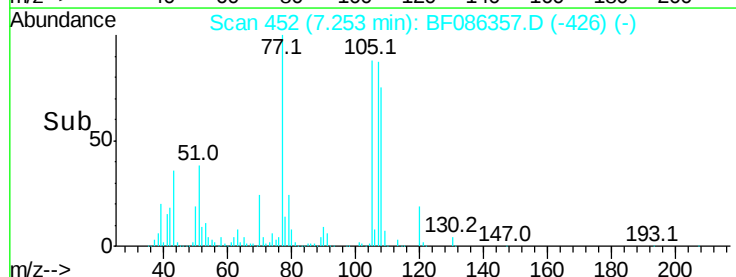
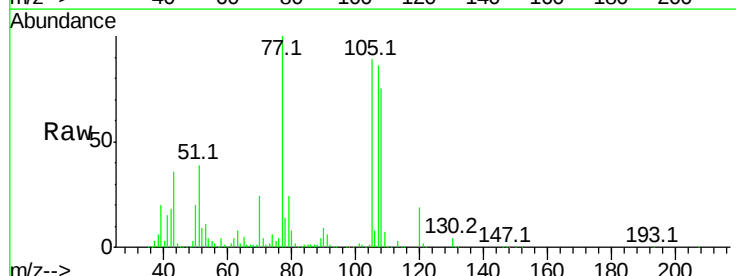
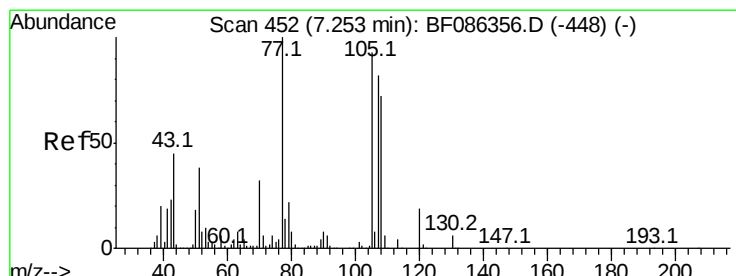
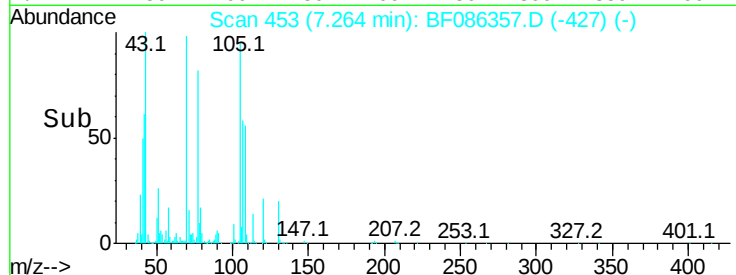
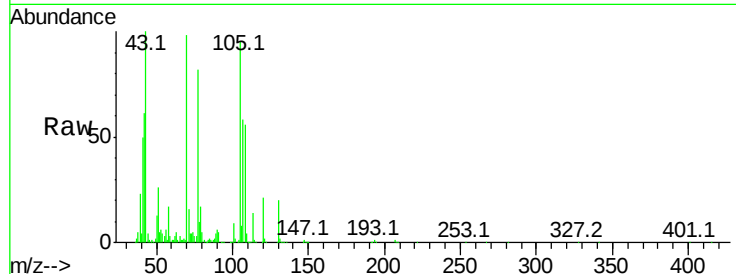
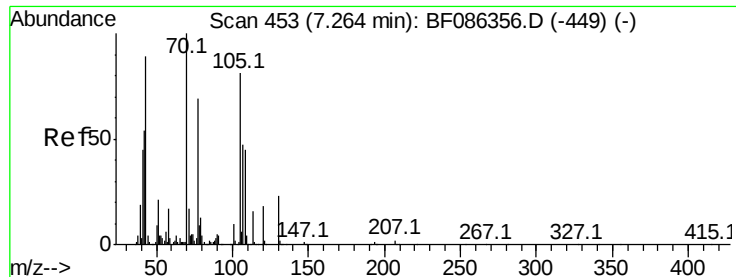
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

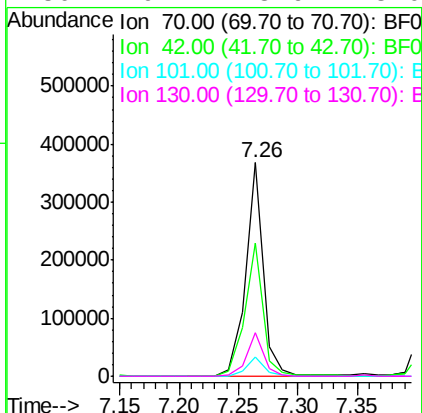
Tgt Ion:	117	Resp:	217363
Ion Ratio	Lower	Upper	
117	100		
119	94.0	76.5	114.7
201	75.9	63.0	94.6





#19
n-Nitroso-di-n-propylamine
Concen: 50.67 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.4	43.1	64.7		
101	9.0	8.1	12.1		
130	20.4	18.6	28.0		



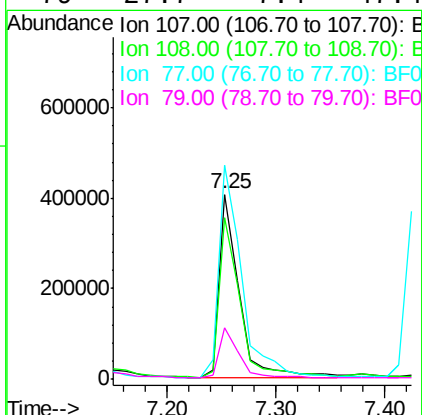
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

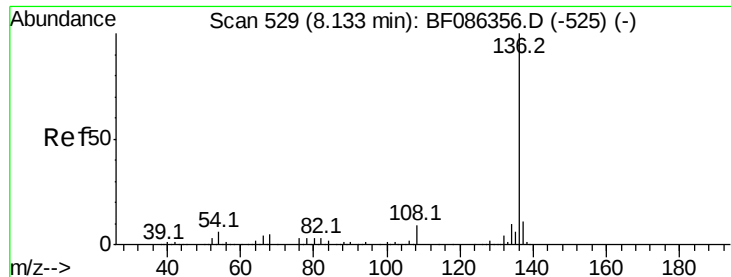
Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM

#20
3+4-Methylphenols
Concen: 49.61 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.2	68.5	108.5		
77	115.7	101.6	141.6		
79	27.7	7.4	47.4		





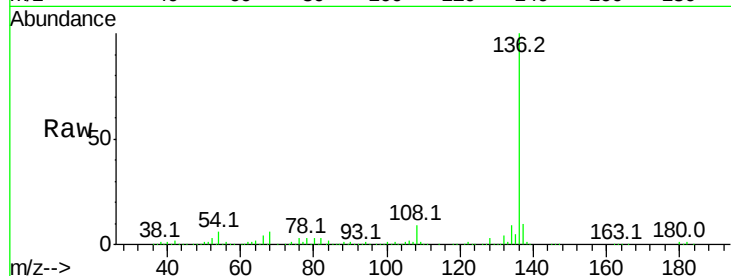
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

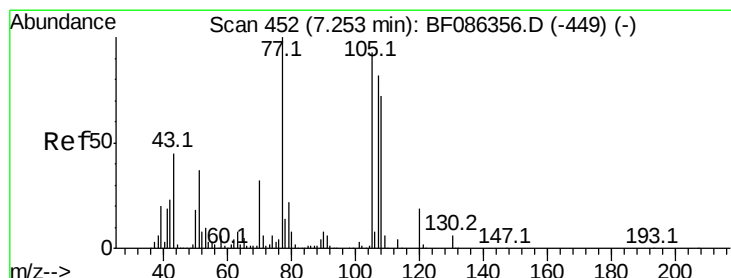
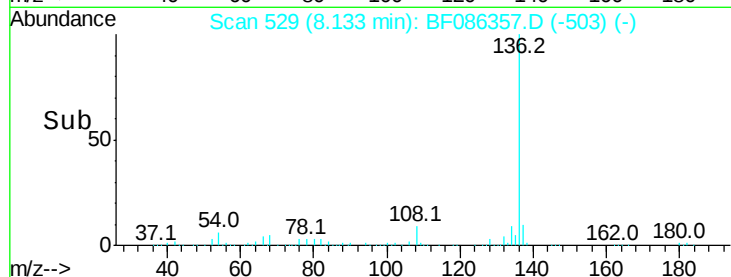
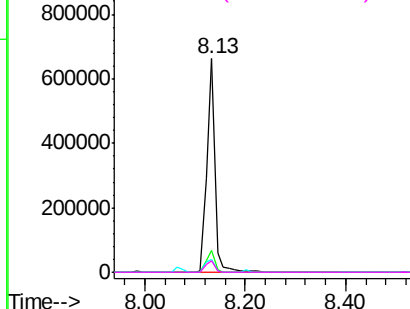
Tot Ion	Ratio	Resp	Lower	Upper
136	100	741483		
137	10.4		8.8	13.2
54	6.3		5.0	7.4
68	5.5		4.4	6.6

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



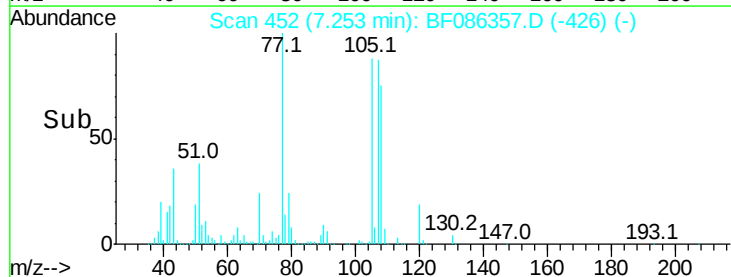
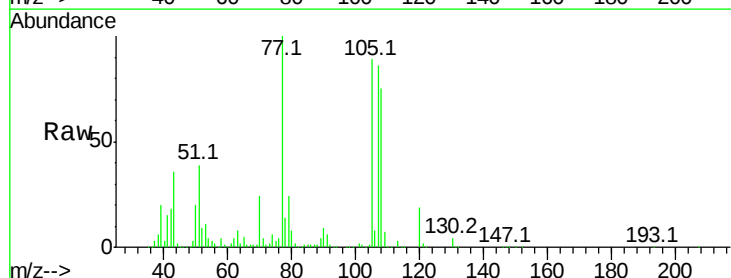
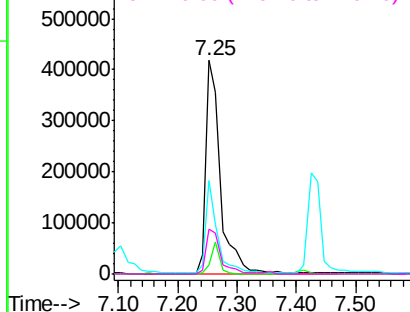
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

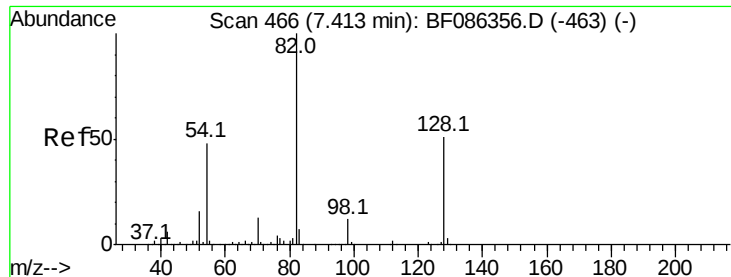


#22
Acetophenone
Concen: 47.10 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	736780		
71	4.4		4.8	7.2#
51	43.7		32.6	49.0
120	20.9		16.5	24.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





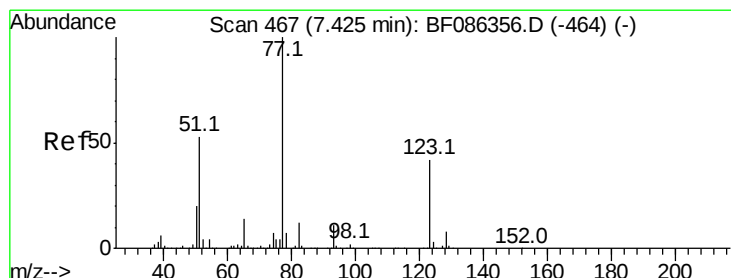
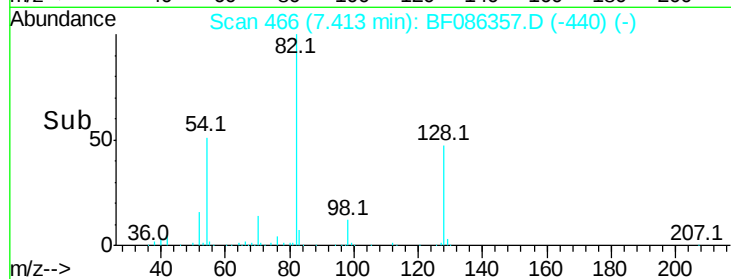
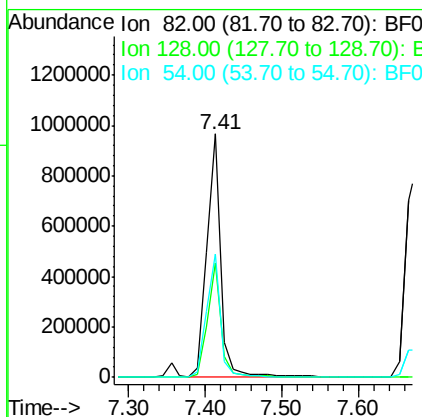
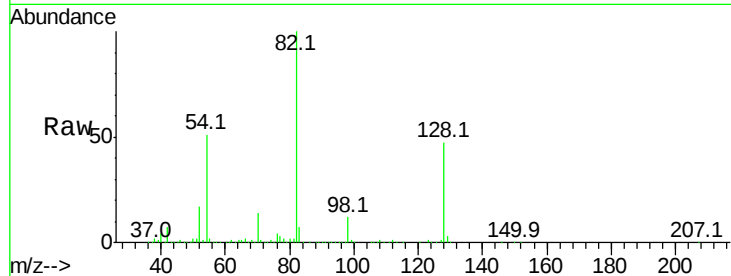
#23
 Nitrobenzene-d5
 Concen: 93.36 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1207532
 Ion Ratio Lower Upper
 82 100
 128 47.0 40.6 61.0
 54 50.8 38.1 57.1

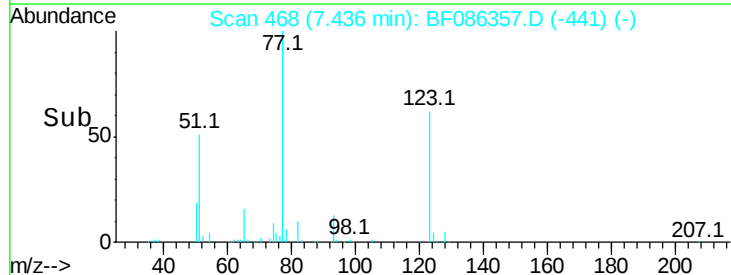
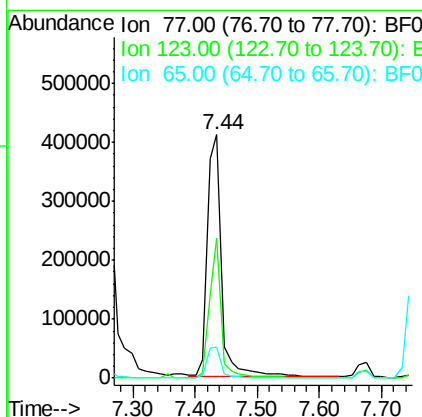
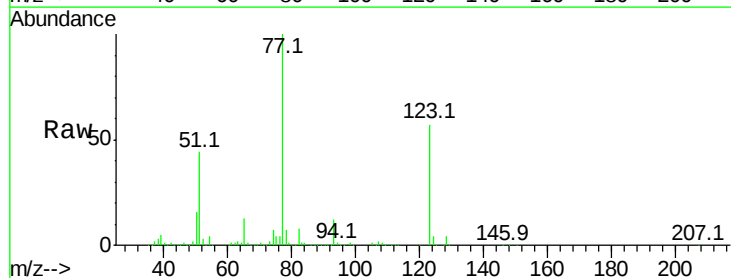
Manual Integrations
 APPROVED

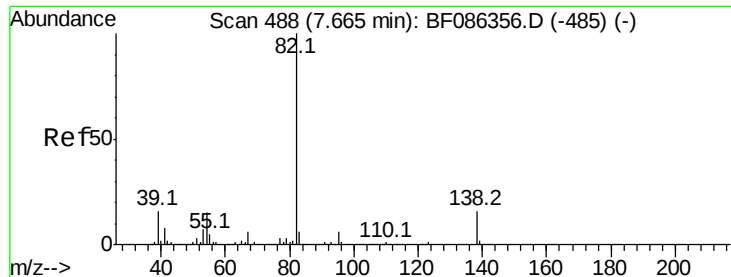
sohil
 4/25/2016 12:35:37 PM



#24
 Nitrobenzene
 Concen: 46.95 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Tgt Ion: 77 Resp: 648809
 Ion Ratio Lower Upper
 77 100
 123 57.3 33.0 49.4#
 65 12.7 10.8 16.2





#25

Isophorone

Concen: 47.11 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1151721

Ion Ratio Lower Upper

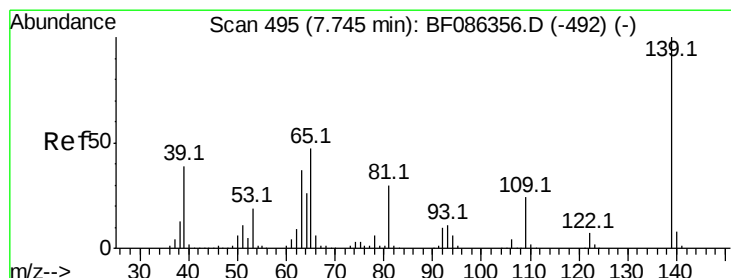
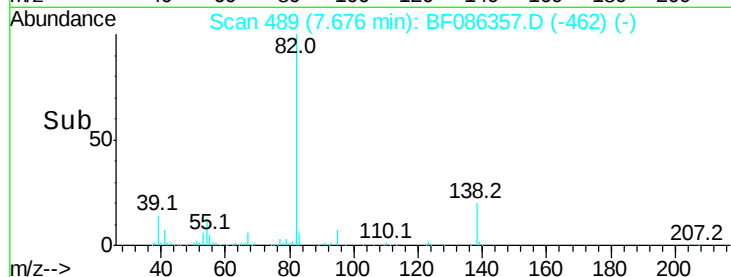
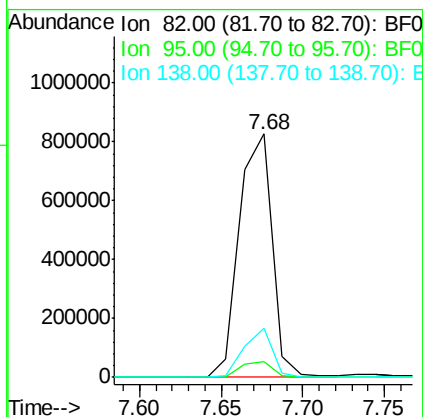
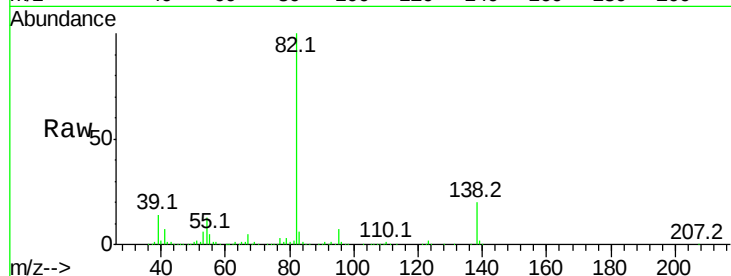
82 100

95 6.7 5.1 7.7

138 20.0 12.4 18.6#

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#26

2-Nitrophenol

Concen: 54.89 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

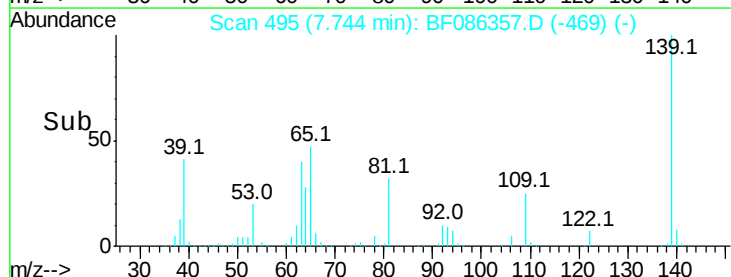
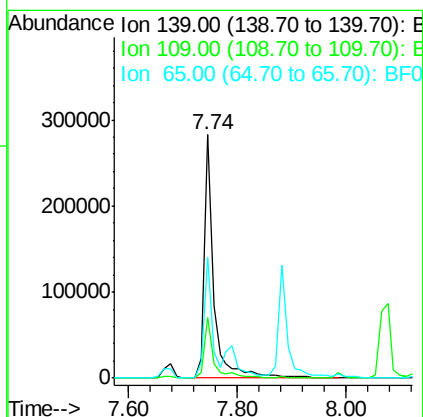
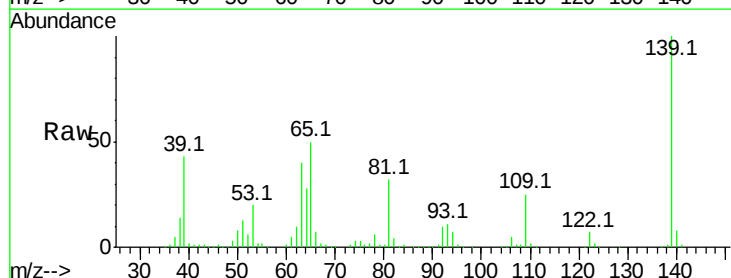
Tgt Ion: 139 Resp: 341017

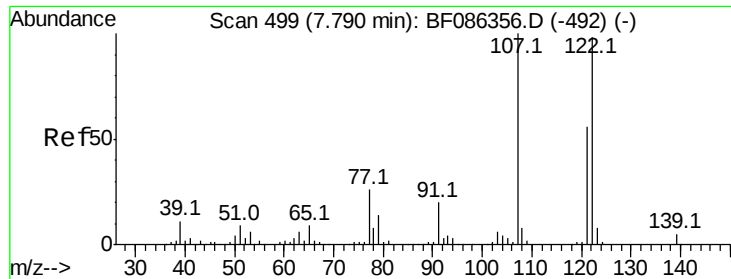
Ion Ratio Lower Upper

139 100

109 24.9 19.5 29.3

65 49.6 37.5 56.3





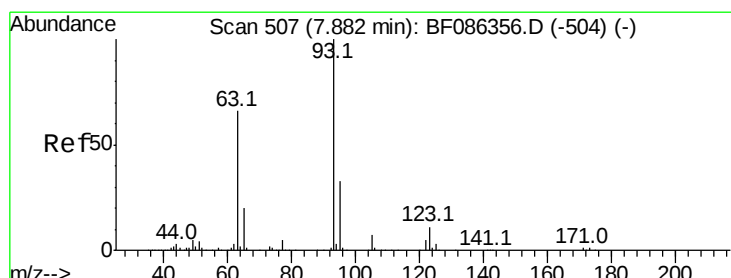
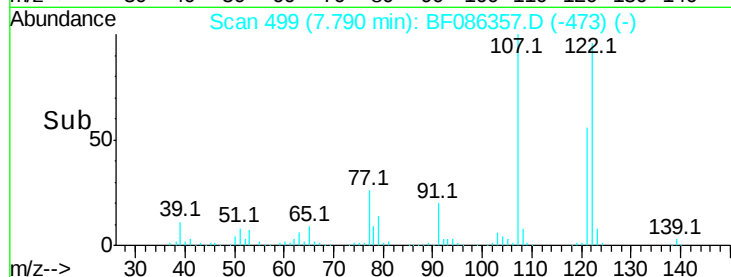
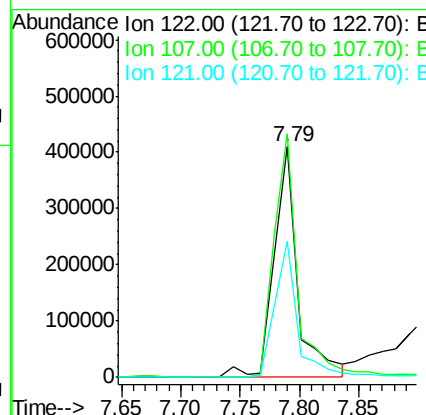
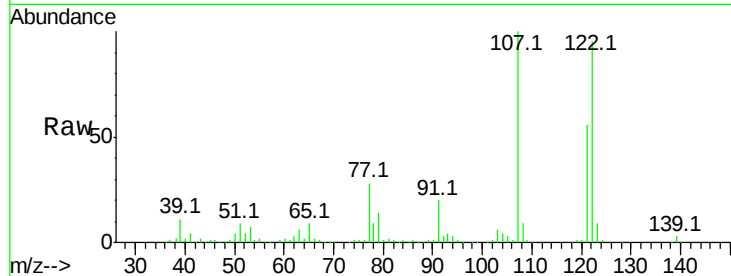
#27
 2,4-Dimethylphenol
 Concen: 47.34 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	571453		
107	105.5	82.0	123.0	
121	59.0	46.1	69.1	

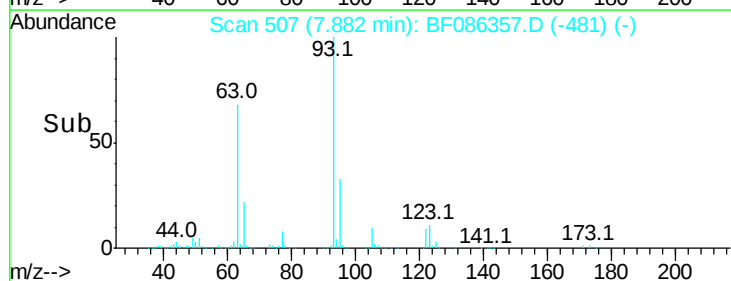
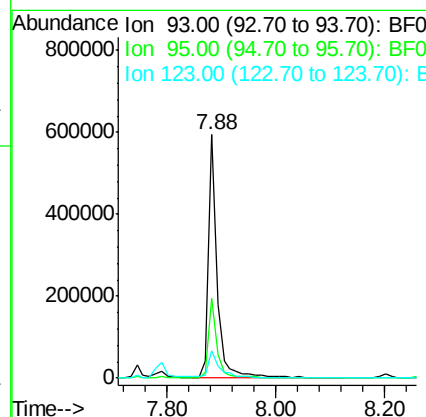
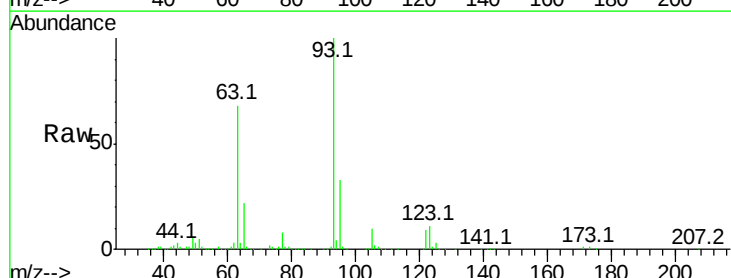
Manual Integrations
 APPROVED

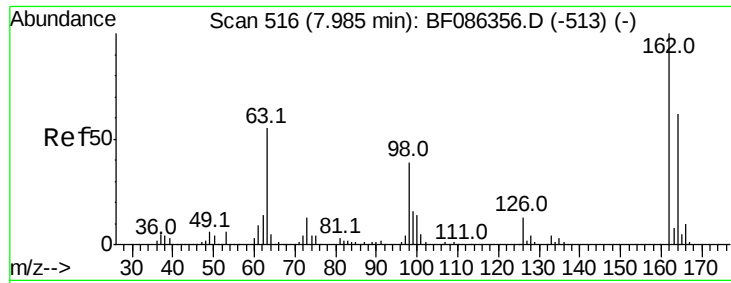
sohil
 4/25/2016 12:35:37 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.59 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	646389		
95	32.7	26.0	39.0	
123	11.2	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 50.30 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

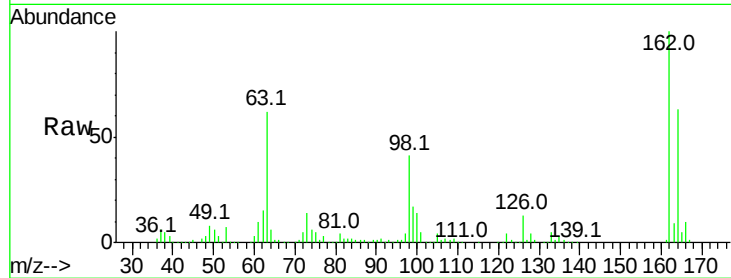
ClientSampleId :

SSTDIC050

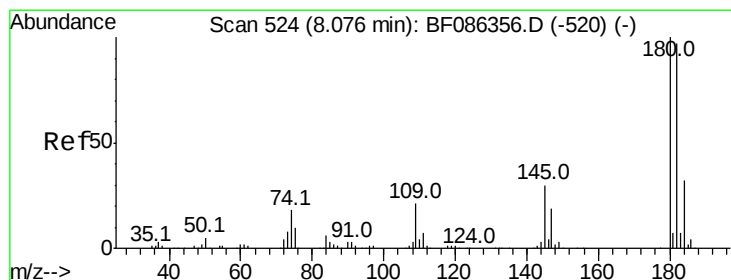
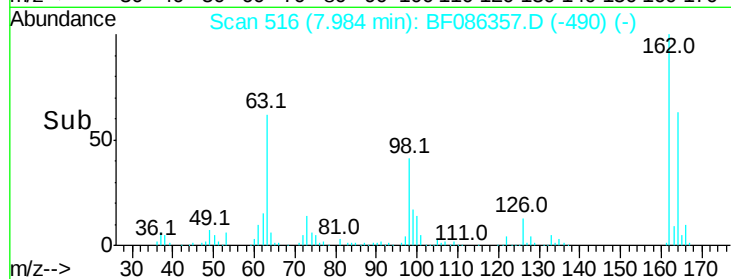
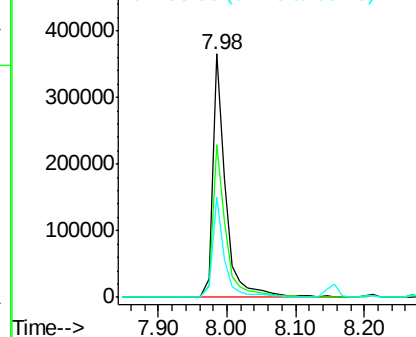
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		483189		
164	62.9	42.2		82.2	
98	41.3	19.0		59.0	

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 48.45 ng

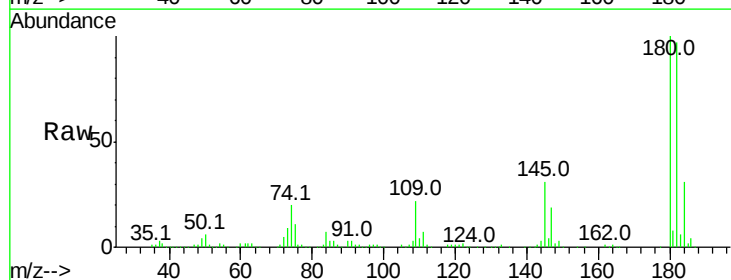
RT: 8.08 min Scan# 524

Delta R.T. -0.00 min

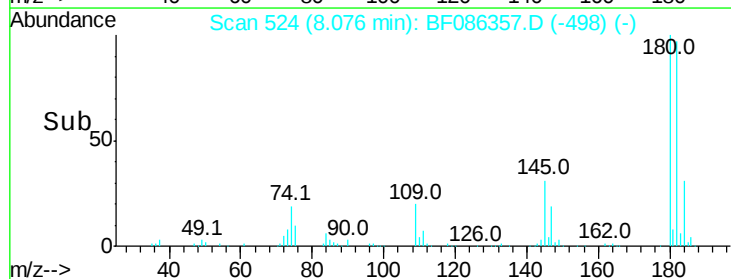
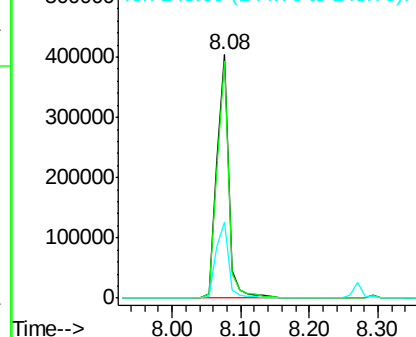
Lab File: BF086357.D

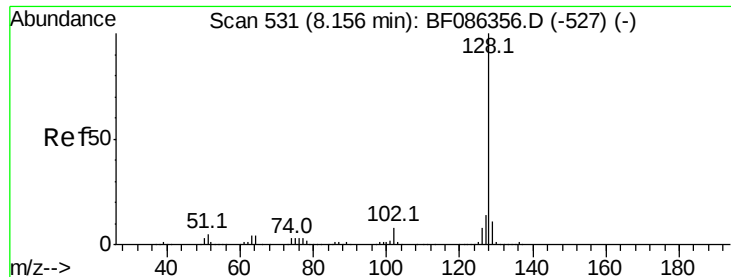
Acq: 22 Apr 2016 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		499982		
182	97.5	78.0		117.0	
145	31.2	24.2		36.2	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





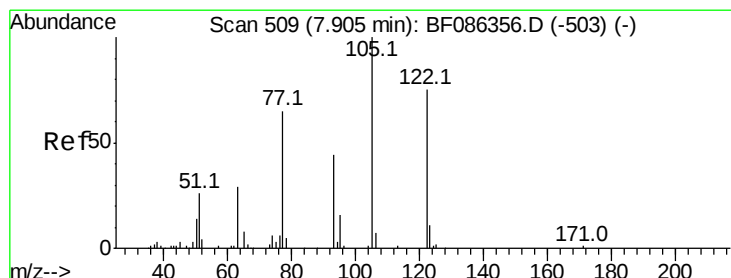
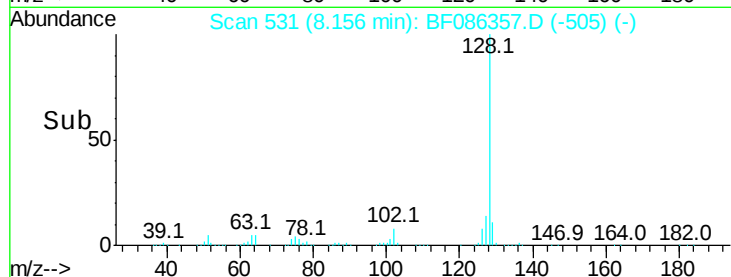
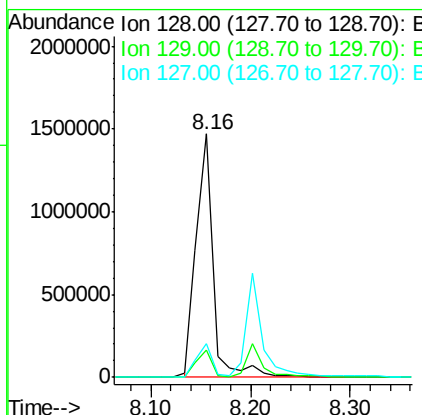
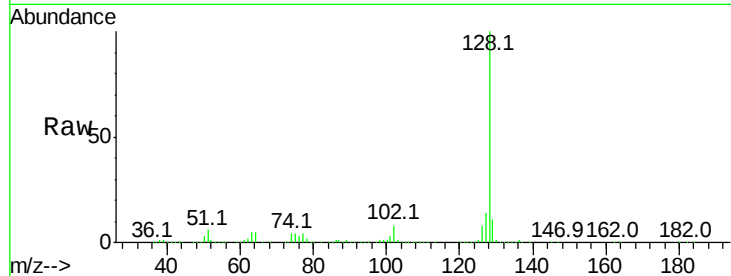
#31
Naphthalene
Concen: 50.38 ng/ml
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.8	10.8	16.2

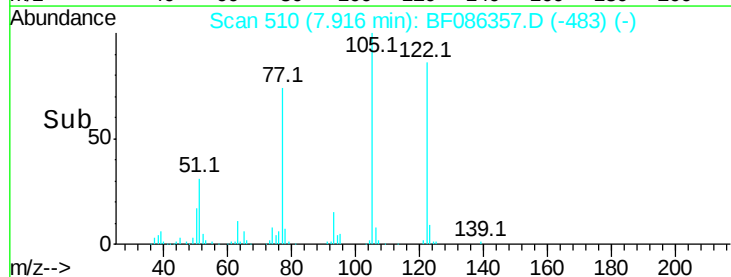
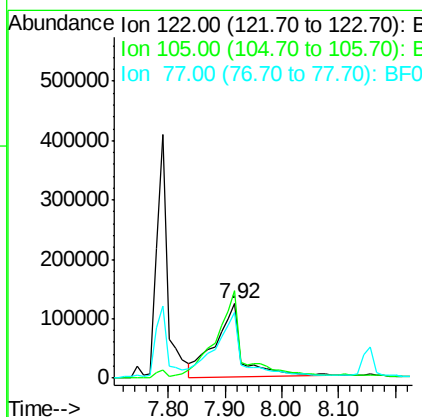
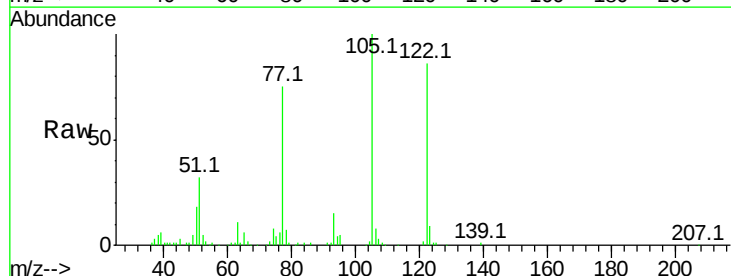
Manual Integrations
APPROVED

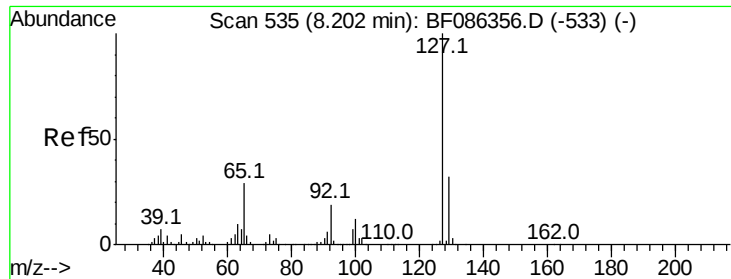
sohil
4/25/2016 12:35:37 PM



#32
Benzoic acid
Concen: 55.21 ng/ml
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.7	92.6	132.6
77	88.0	60.0	100.0





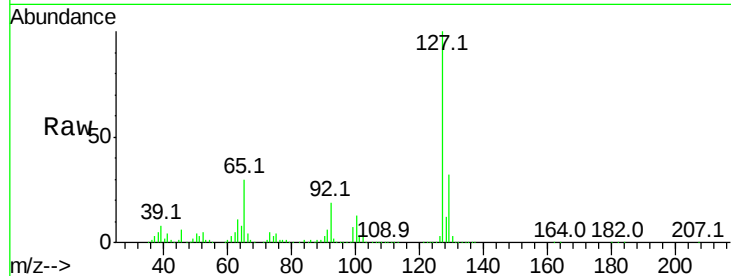
#33
 4-Chloroaniline
 Concen: 51.84 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

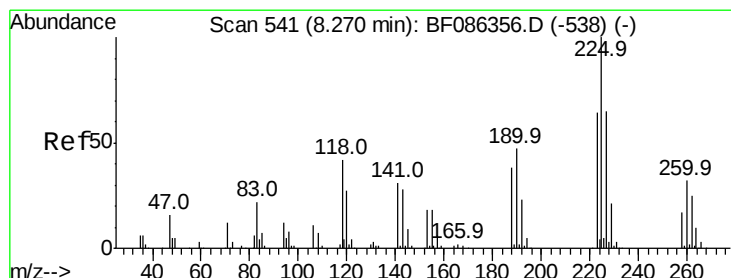
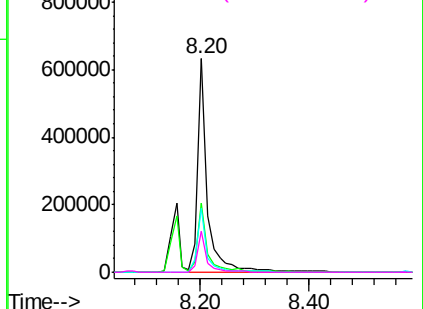
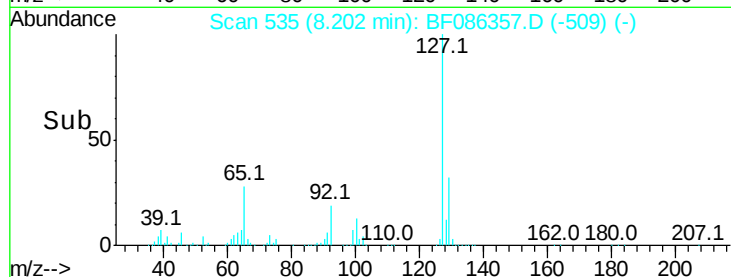
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.2	39.4	
65	29.8	23.0	34.4	
92	19.3	15.1	22.7	

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:37 PM

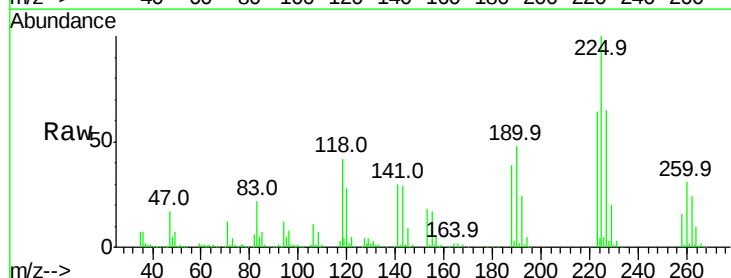


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

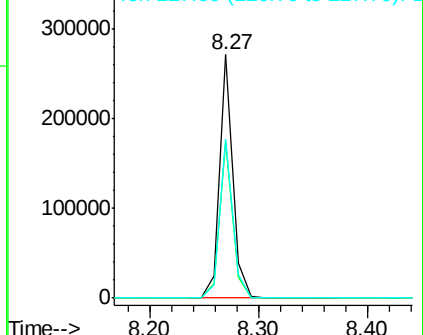
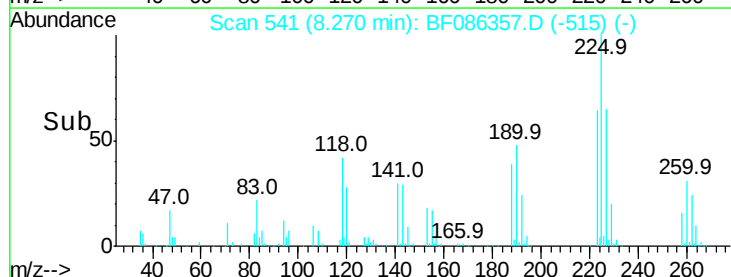


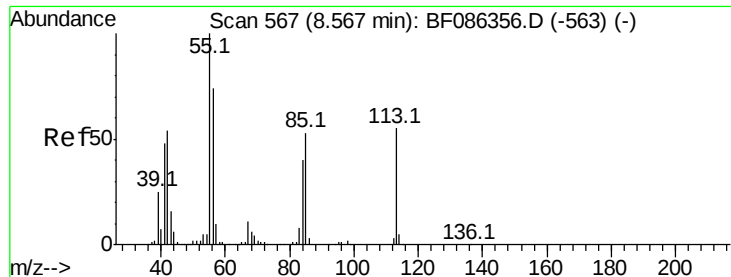
#34
 Hexachlorobutadiene
 Concen: 44.79 ng
 RT: 8.27 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	51.5	77.3	
227	65.4	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 54.23 ng

RT: 8.58 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

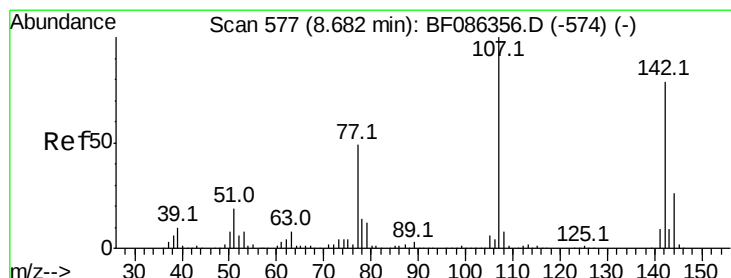
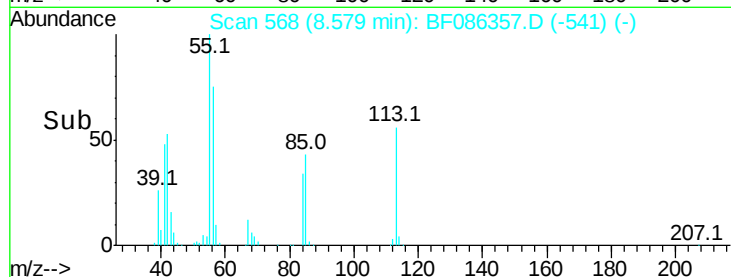
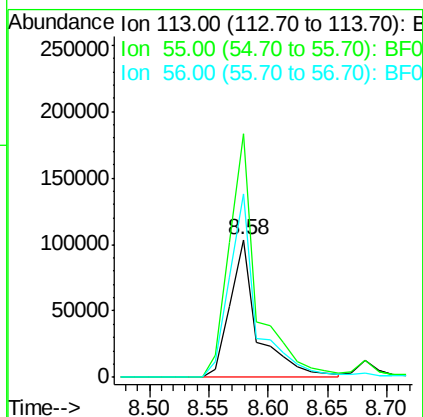
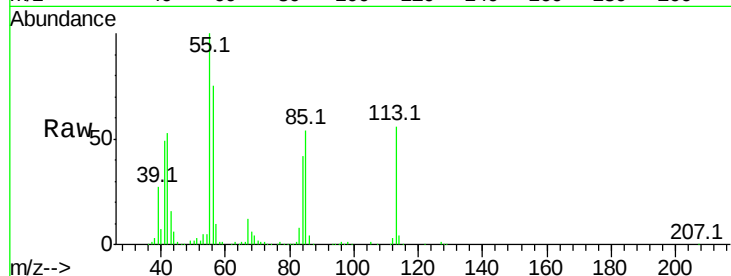
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	177.2	162.0	202.0	
56	133.0	115.3	155.3	

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#36

4-Chloro-3-methylphenol

Concen: 50.52 ng

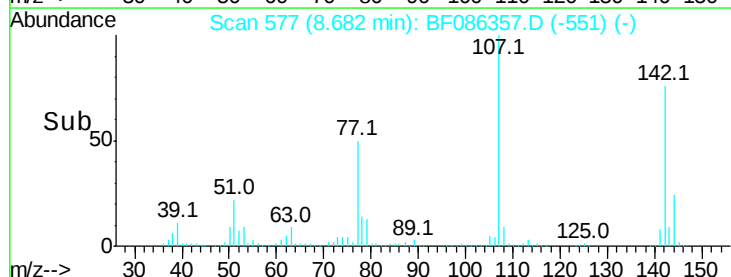
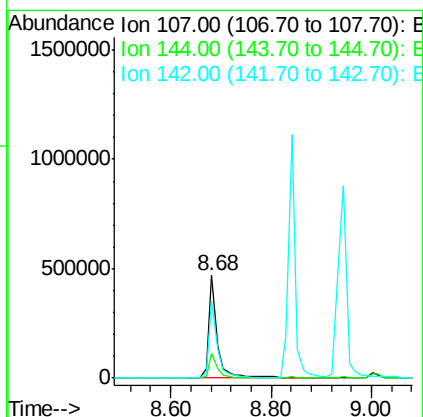
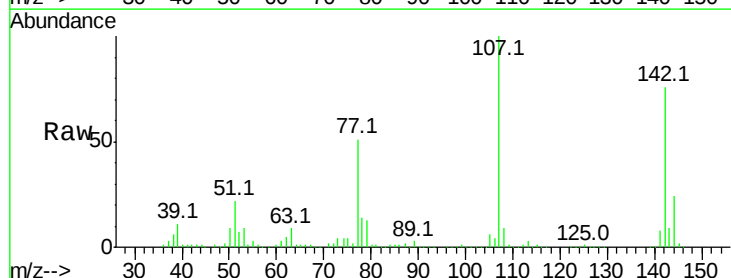
RT: 8.68 min Scan# 577

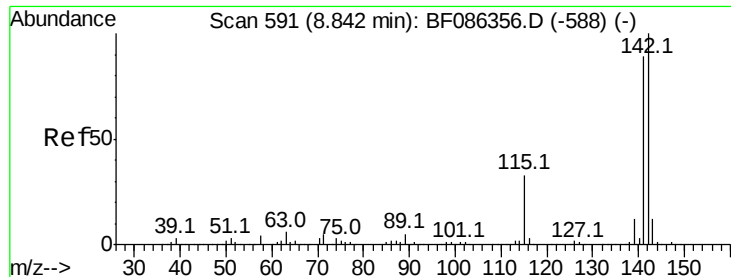
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.2	20.7	31.1	
142	75.8	63.2	94.8	





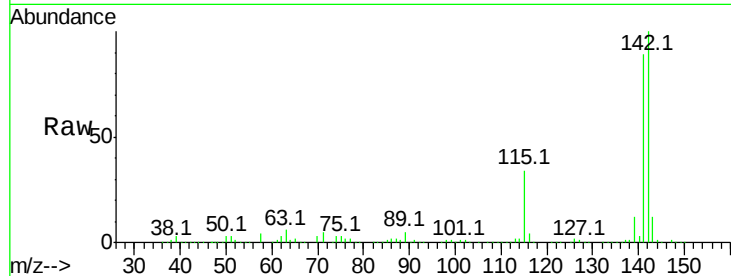
#37
2-Methylnaphthalene
Concen: 47.21 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

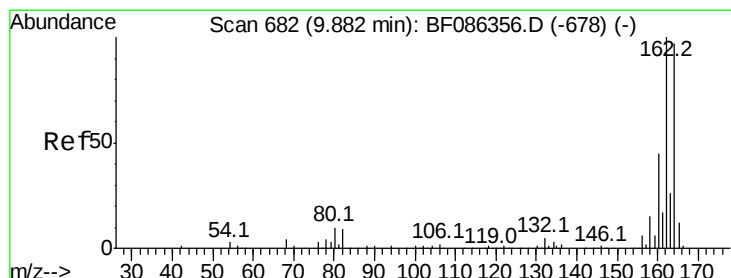
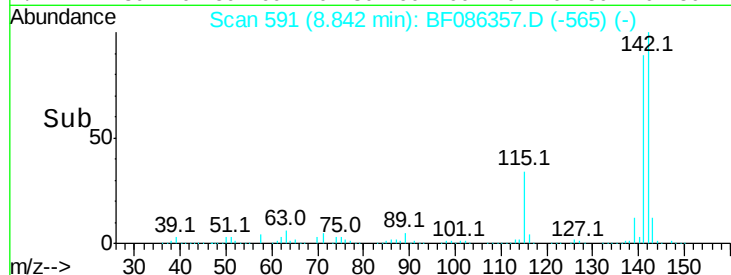
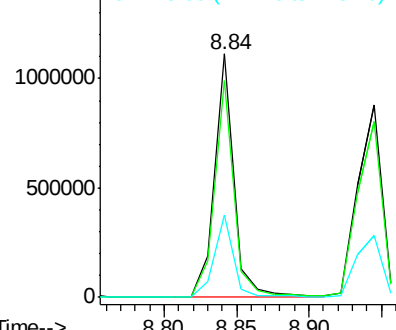
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	33.9	26.6	39.8

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



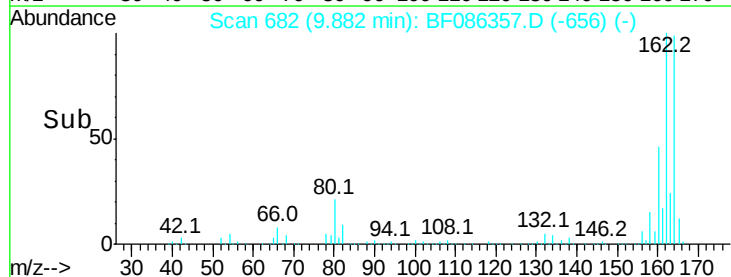
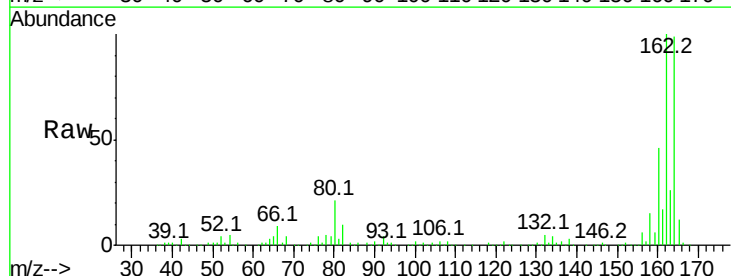
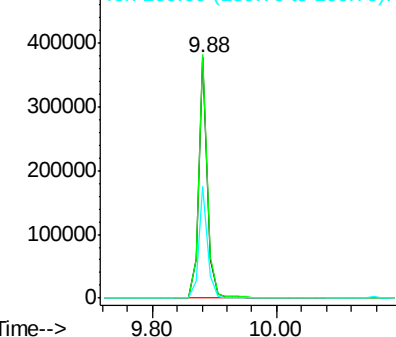
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

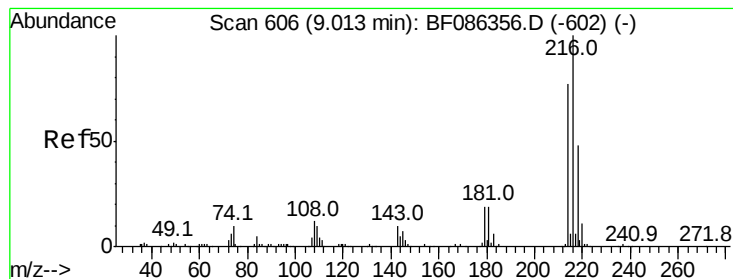


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.8	124.2
160	46.6	36.9	55.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.31 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

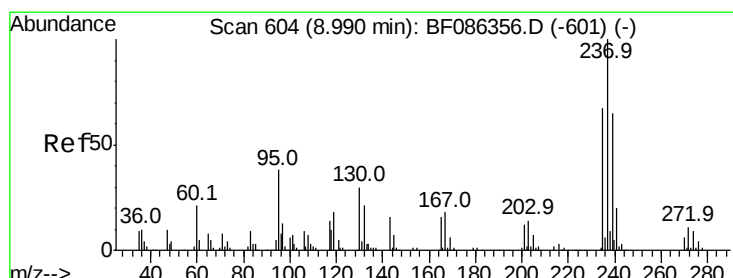
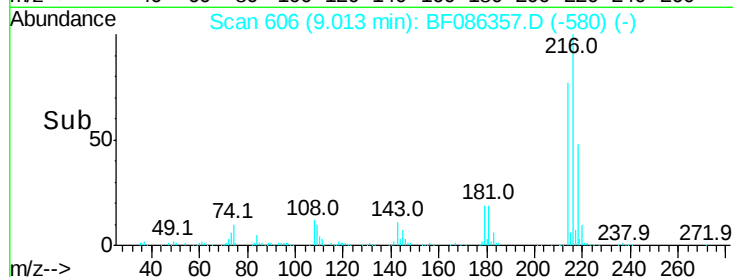
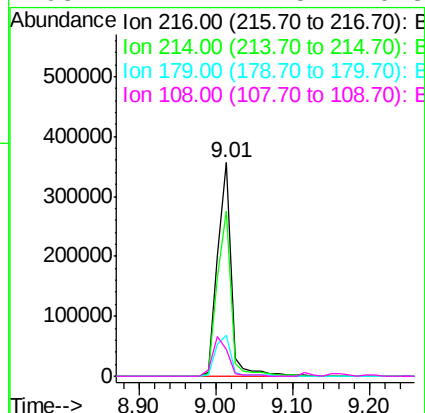
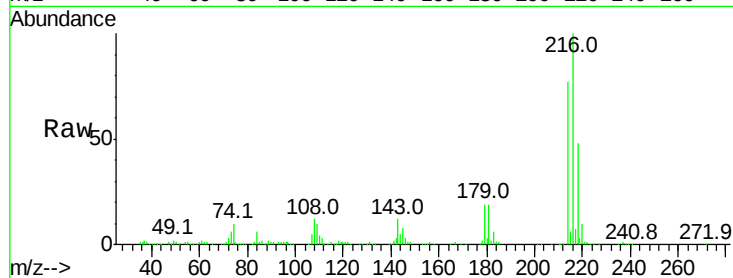
ClientSampled :

SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		439772		
214	78.3	62.6	93.8		
179	22.1	18.2	27.4		
108	21.2	17.5	26.3		

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#40

Hexachlorocyclopentadiene

Concen: 98.50 ng

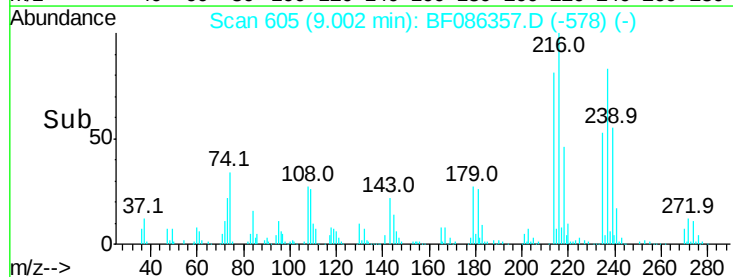
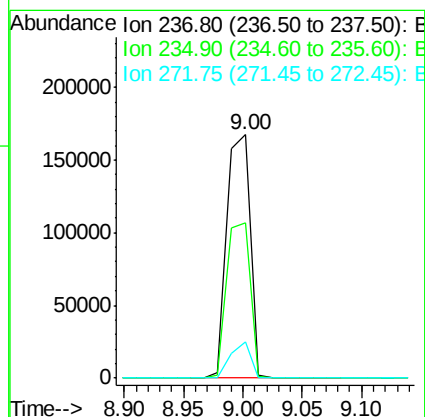
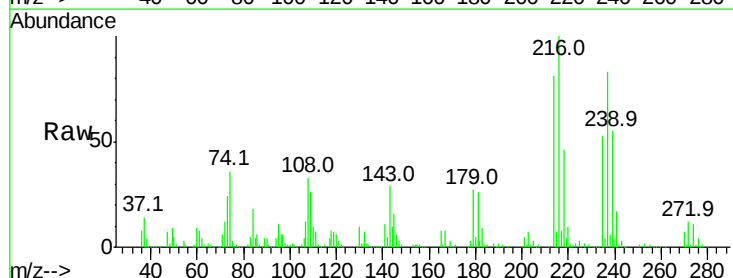
RT: 9.00 min Scan# 605

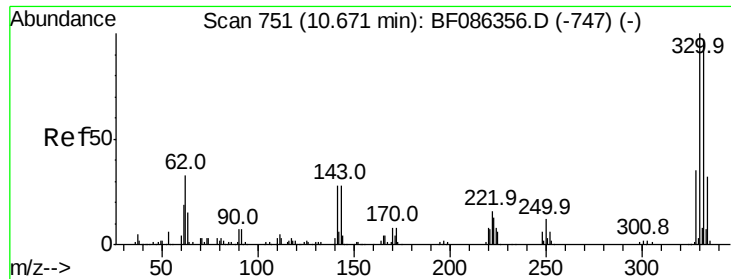
Delta R.T. 0.01 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		228477		
235	63.7	47.2	87.2		
272	14.8	0.0	31.1		





#41

2,4,6-Tribromophenol

Concen: 109.57 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

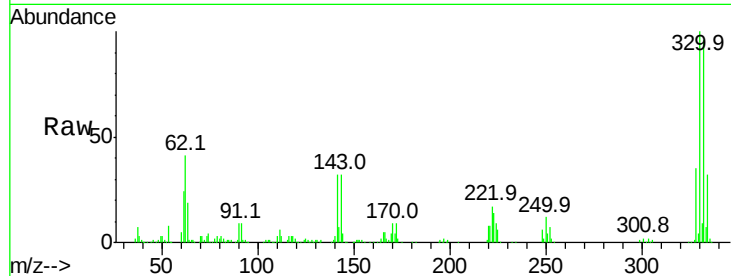
ClientSampleId :

SSTDIC050

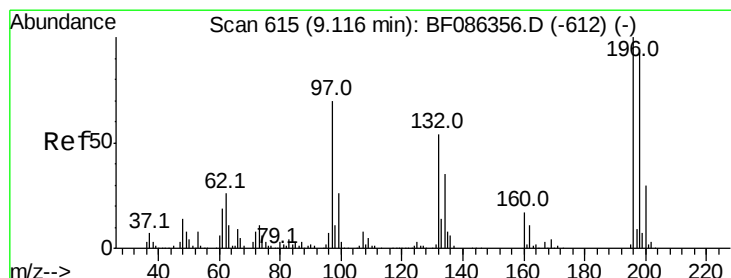
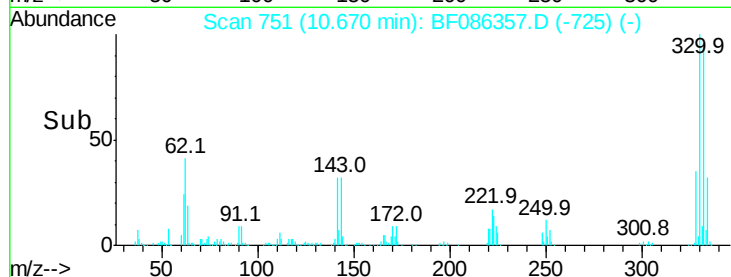
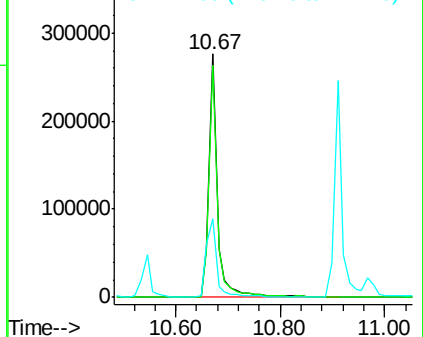
Tot Ion:	330	Resp:	312527
Ion Ratio	Lower	Upper	
330	100		
332	94.8	79.0	118.4
141	40.1	31.2	46.8

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.82 ng

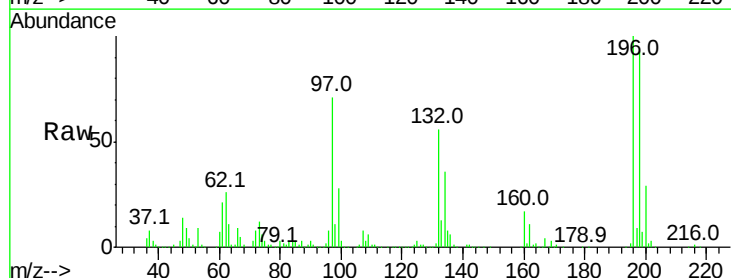
RT: 9.12 min Scan# 615

Delta R.T. -0.00 min

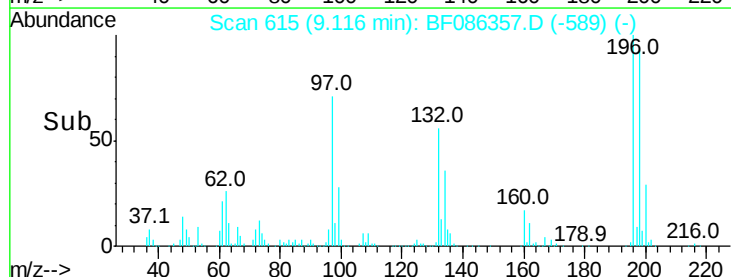
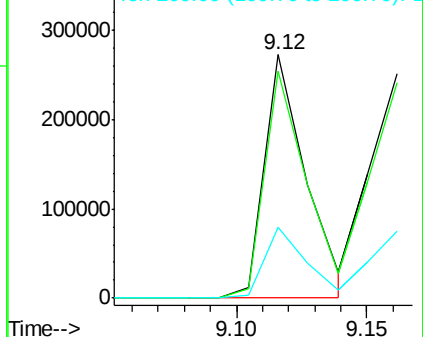
Lab File: BF086357.D

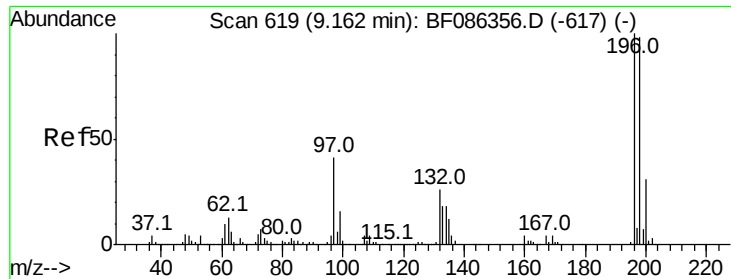
Acq: 22 Apr 2016 21:23

Tgt Ion:	196	Resp:	301488
Ion Ratio	Lower	Upper	
196	100		
198	93.1	74.7	112.1
200	29.1	23.8	35.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





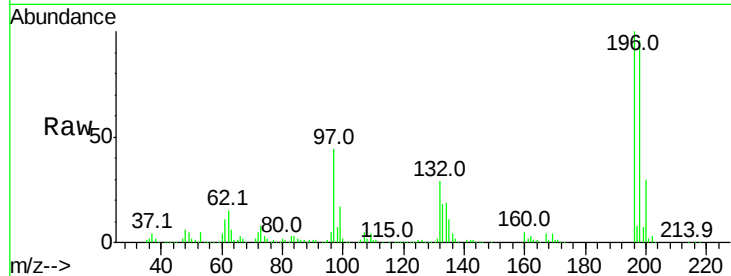
#43
 2,4,5-Trichlorophenol
 Concen: 49.30 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	355505		
198	95.9	77.5	116.3	
97	43.7	34.8	52.2	
132	28.8	23.0	34.4	

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:37 PM



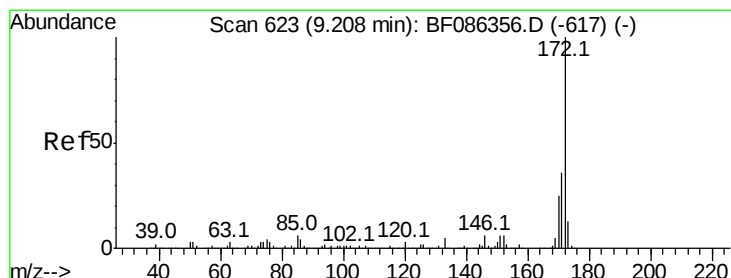
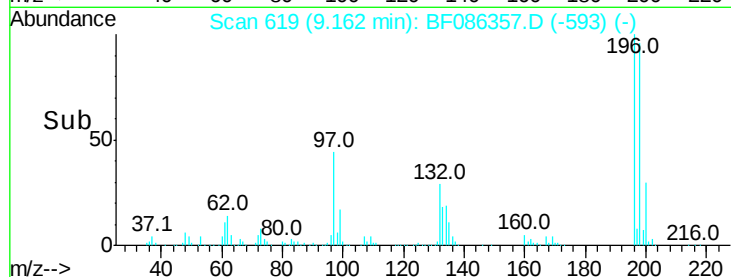
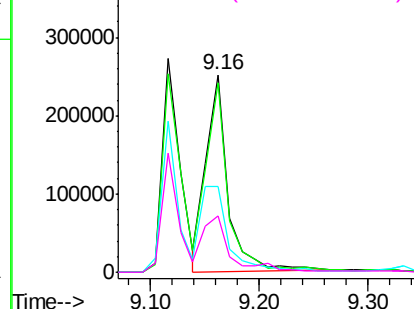
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

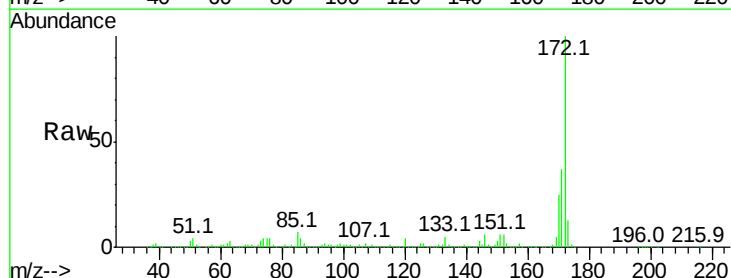
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.37 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1863717		
171	37.1	29.0	43.6	
170	24.9	19.8	29.8	

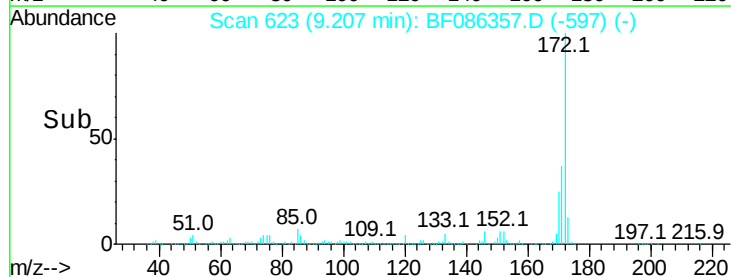
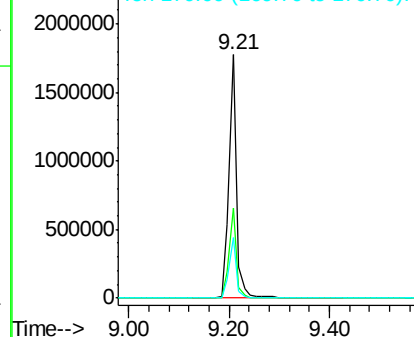


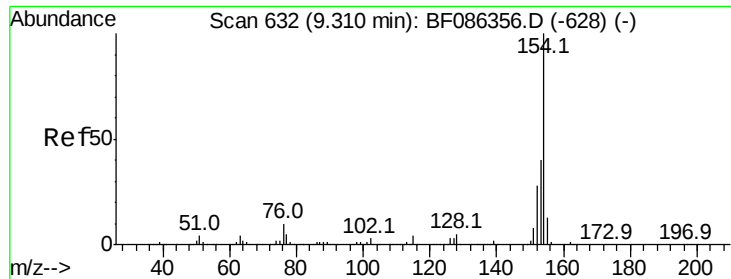
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





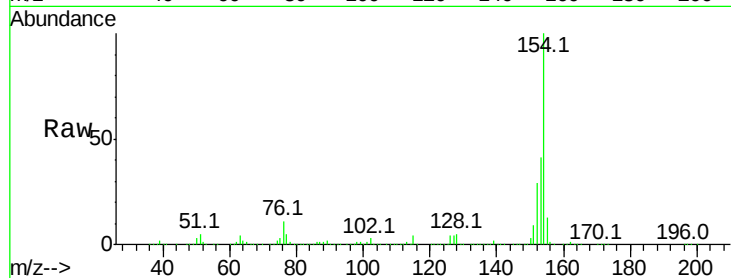
#45
 1,1'-Biphenyl
 Concen: 46.84 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.3	60.3
76	10.8	0.0	30.2

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:37 PM

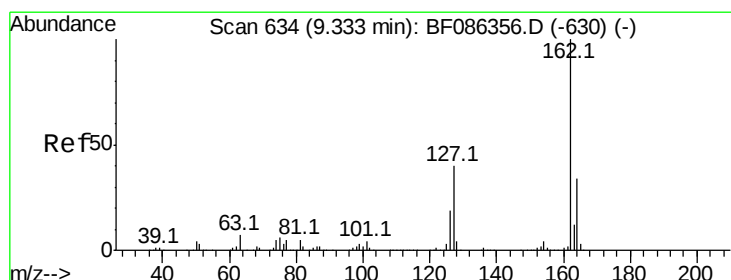
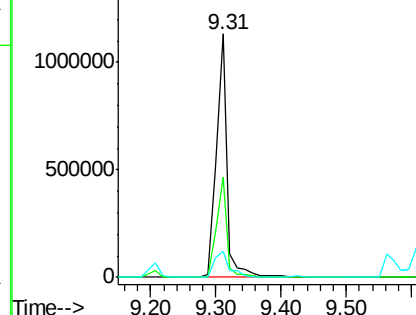
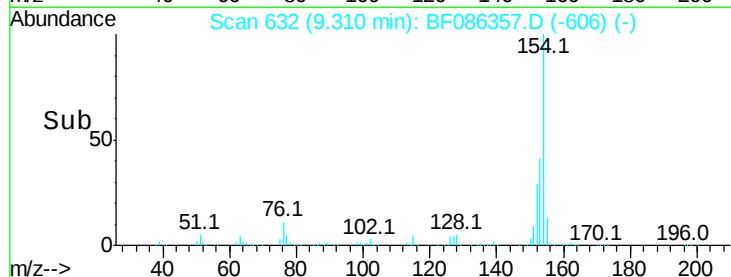


Abundance

Ion 154.00 (153.70 to 154.70): E

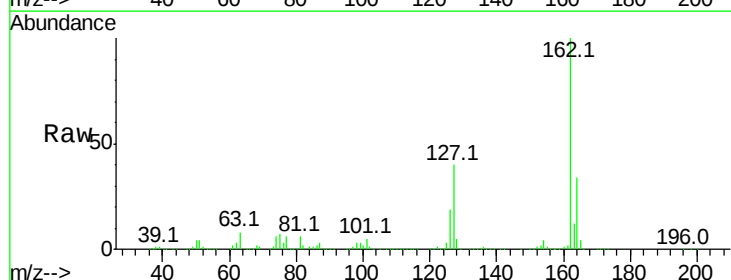
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 49.31 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.8	47.6
164	33.6	27.0	40.6

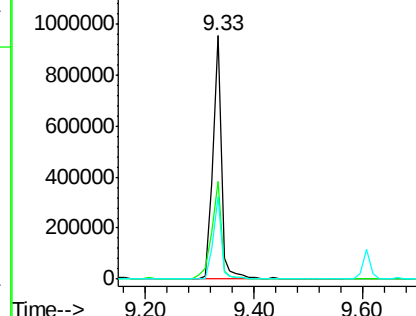
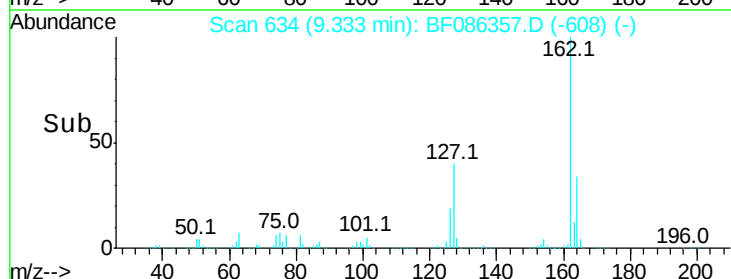


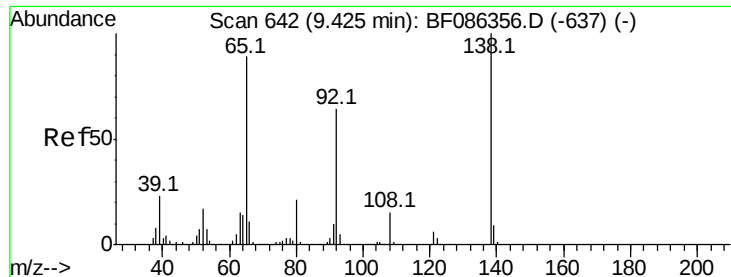
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





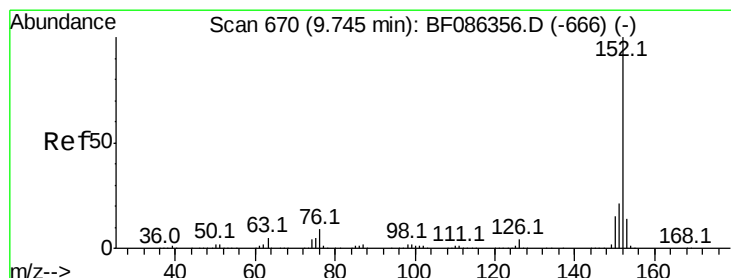
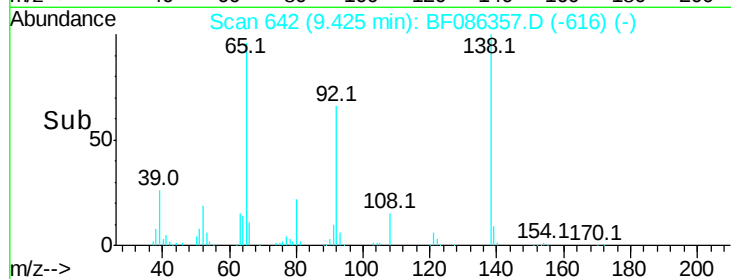
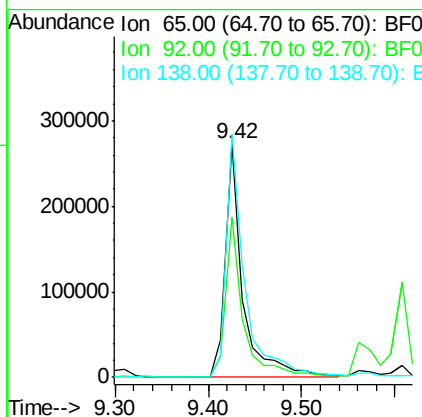
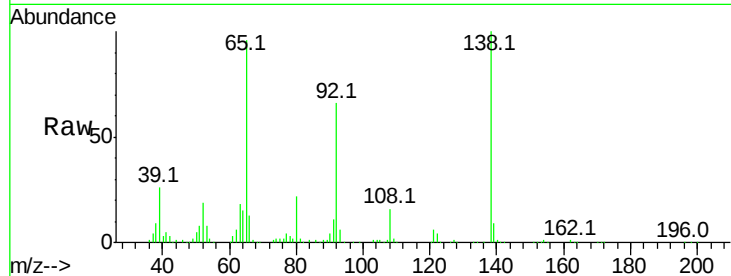
#47
2-Nitroaniline
Concen: 49.51 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	57.4	86.2
138	104.2	90.1	135.1

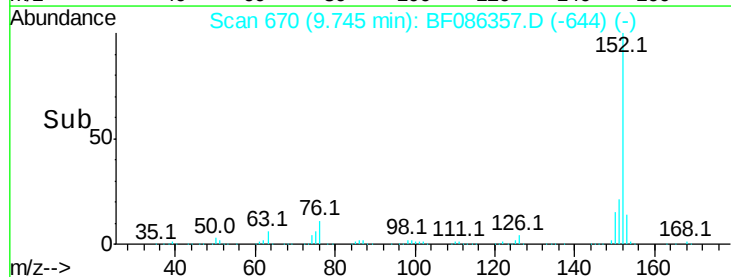
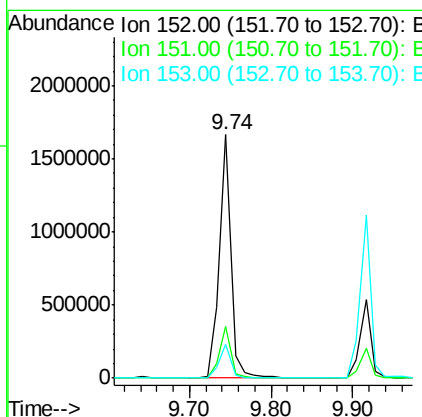
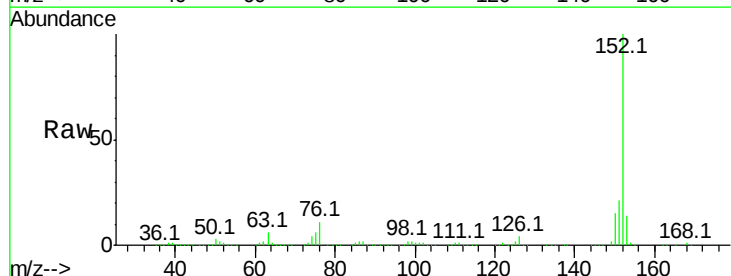
Manual Integrations
APPROVED

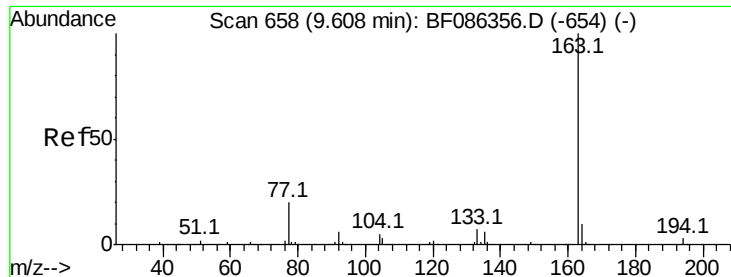
sohil
4/25/2016 12:35:37 PM



#48
Acenaphthylene
Concen: 49.51 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	13.8	10.9	16.3





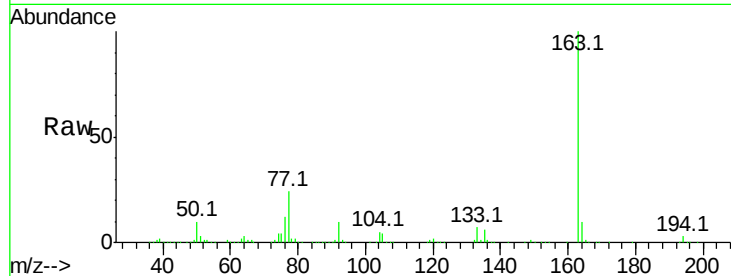
#49
Dimethylphthalate
Concen: 42.23 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

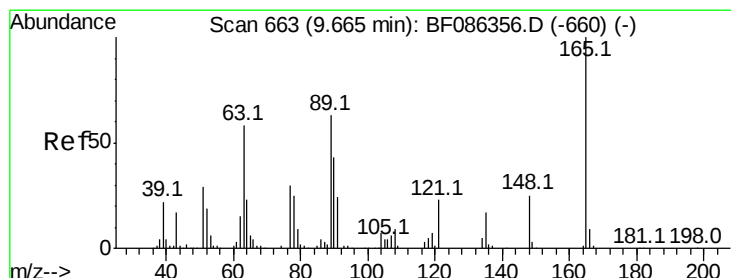
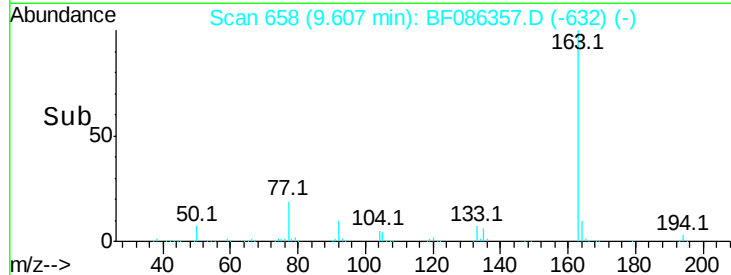
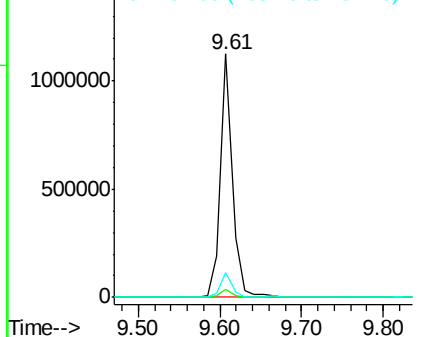
Tot Ion:163 Resp: 1151764
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.2 12.4

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM

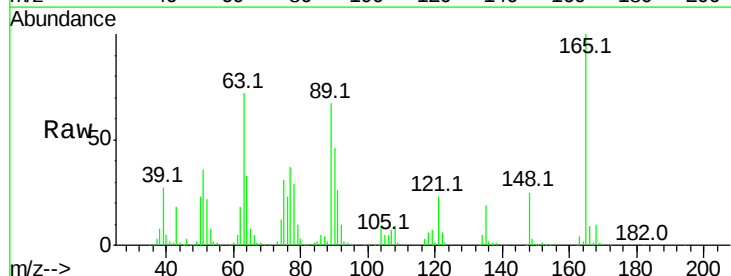


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

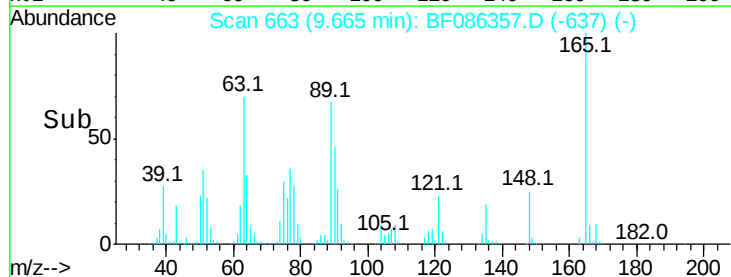
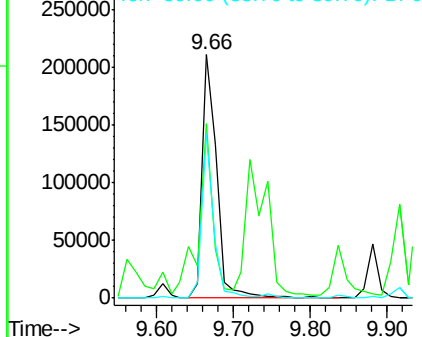


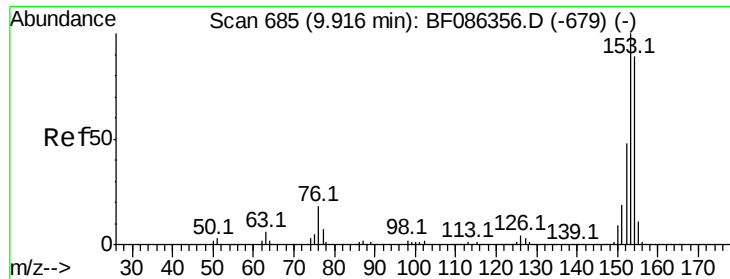
#50
2,6-Dinitrotoluene
Concen: 48.36 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion:165 Resp: 271630
Ion Ratio Lower Upper
165 100
63 71.6 51.8 77.8
89 67.2 50.7 76.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.81 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1012581

Ion Ratio Lower Upper

154 100

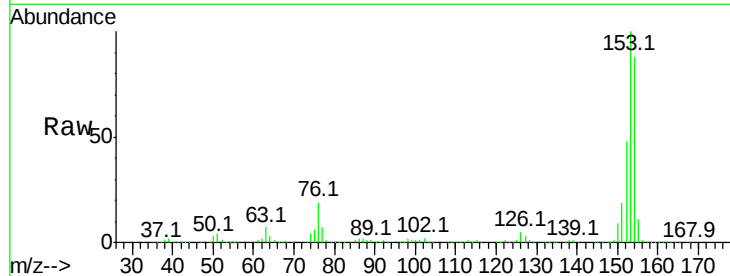
153 114.2 89.8 134.6

152 54.9 43.4 65.0

Manual Integrations
APPROVED

sohil

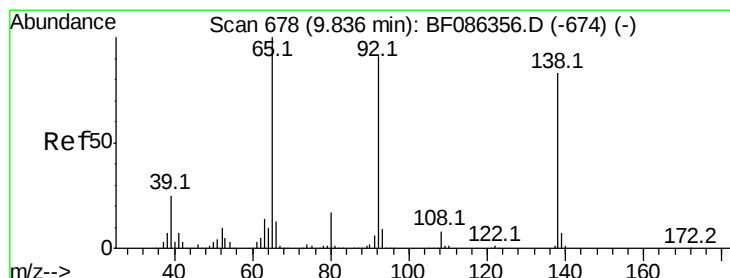
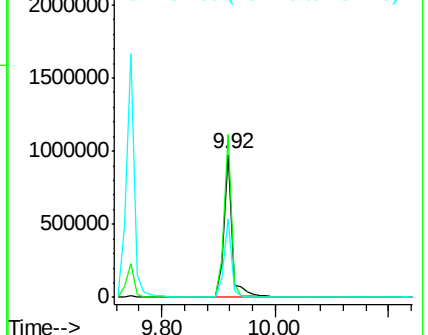
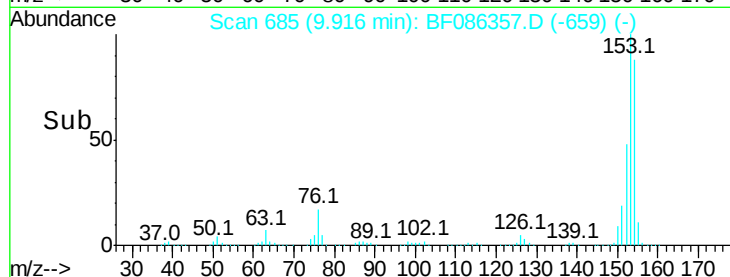
4/25/2016 12:35:37 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 49.28 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

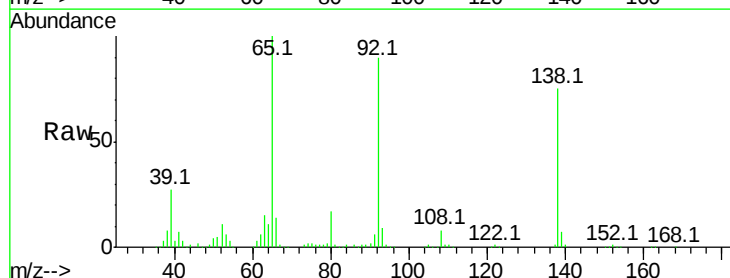
Tgt Ion:138 Resp: 352720

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.6

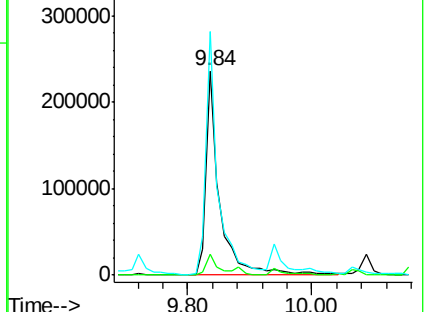
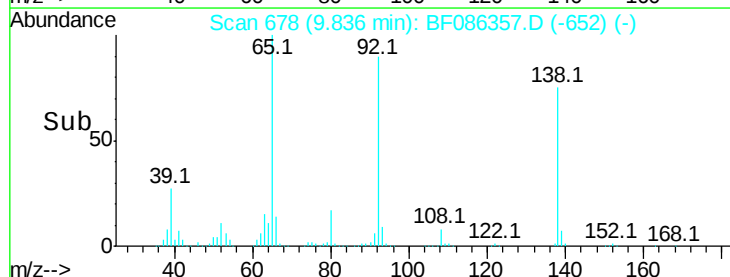
92 119.2 87.8 131.8

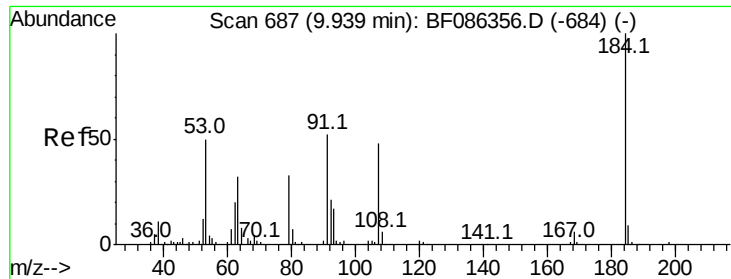


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





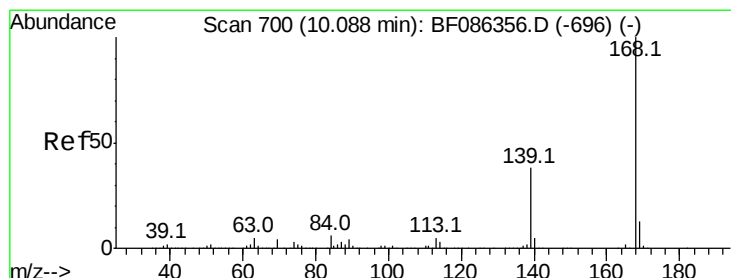
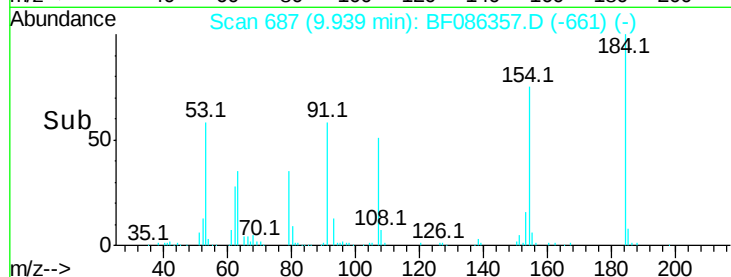
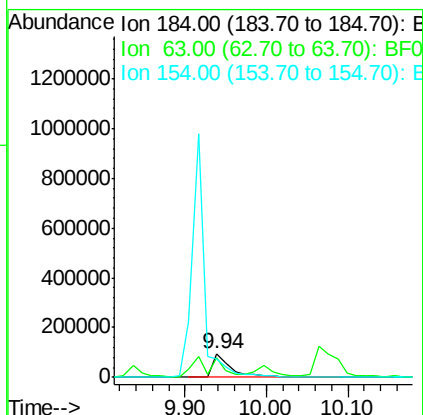
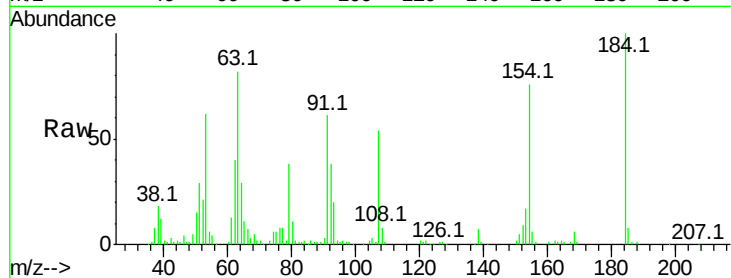
#53
2,4-Dinitrophenol
Concen: 117.70 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	154107		
63	82.1	55.8	83.8	
154	75.7	62.4	93.6	

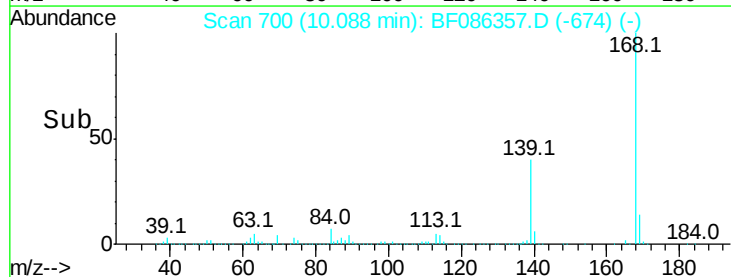
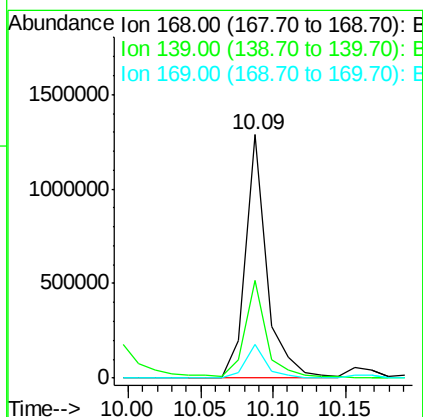
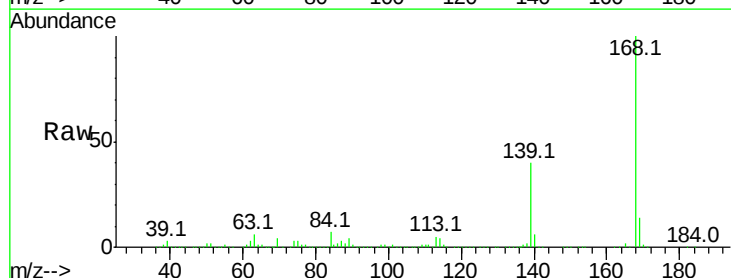
Manual Integrations
APPROVED

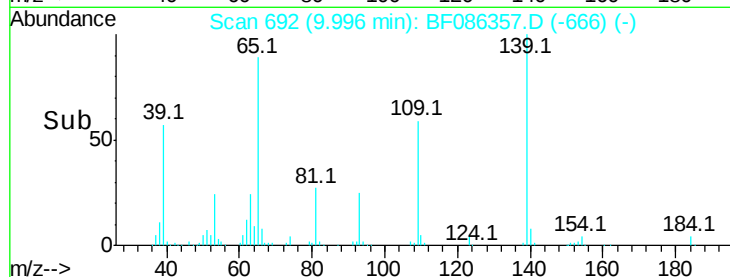
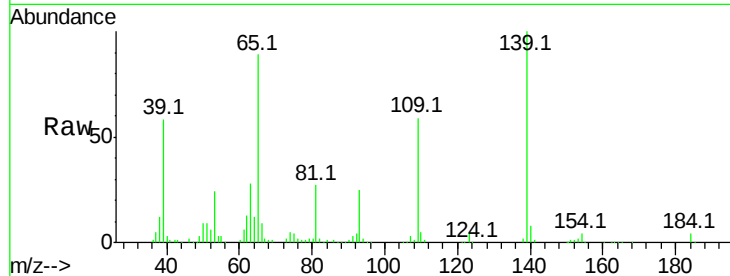
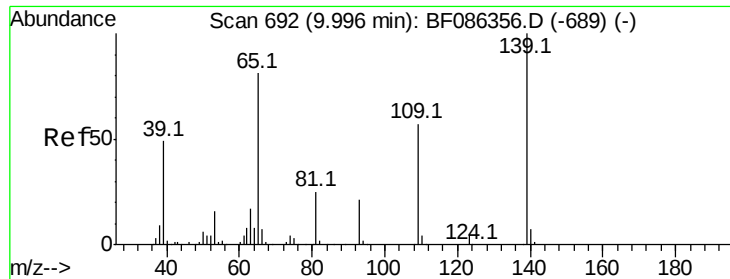
sohil
4/25/2016 12:35:37 PM



#54
Dibenzofuran
Concen: 49.31 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1319786		
139	40.3	31.4	47.0	
169	13.8	10.7	16.1	





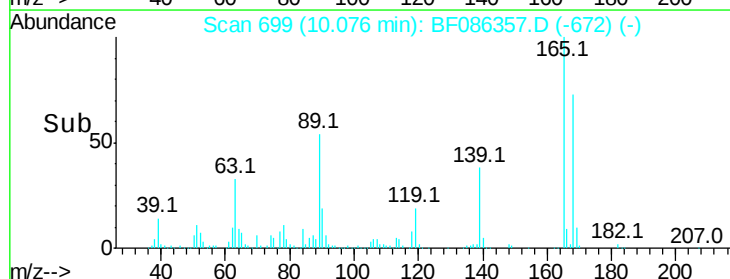
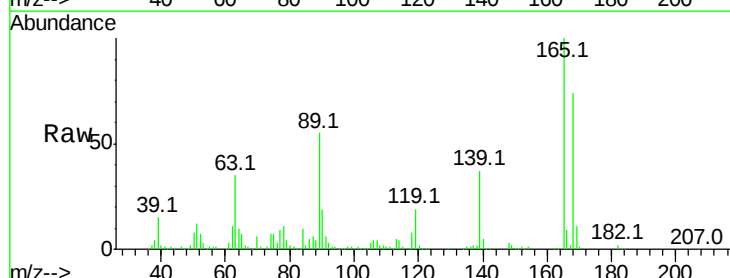
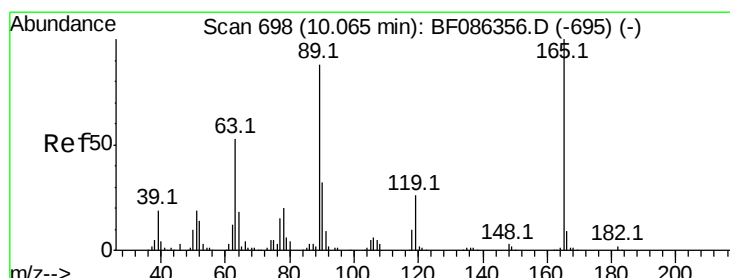
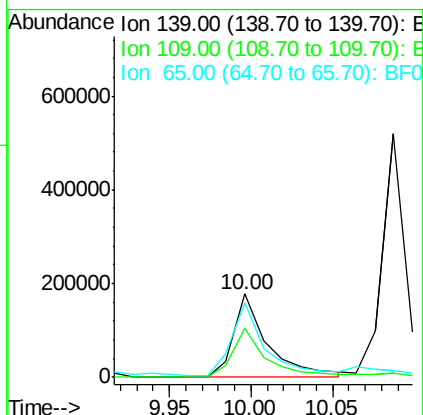
#55
4-Nitrophenol
Concen: 56.59 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tot Ion	Ratio	Resp	Lower	Upper
139	100	257062		
109	59.1	36.9	76.9	
65	89.5	64.0	104.0	

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

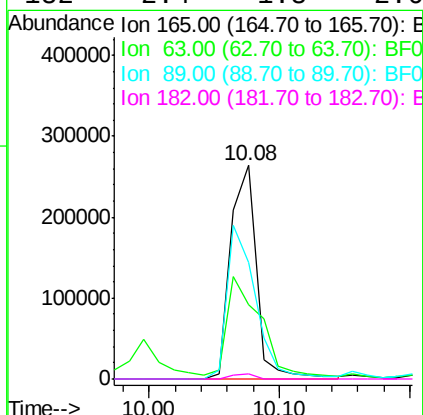
Manual Integrations
APPROVED

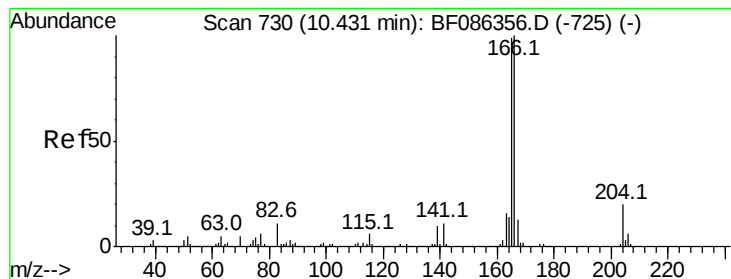
sohil
4/25/2016 12:35:37 PM



#56
2,4-Dinitrotoluene
Concen: 51.82 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	365112		
63	34.8	44.3	66.5#	
89	54.5	70.0	105.0#	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 52.49 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 1055179

Ion Ratio Lower Upper

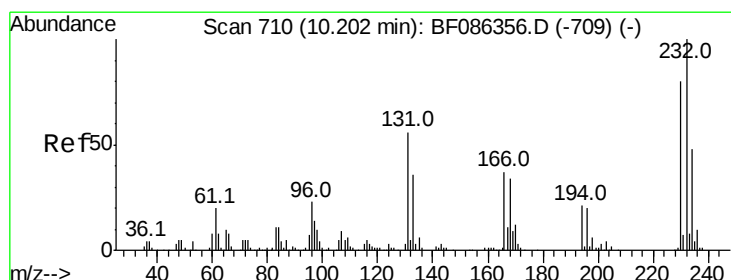
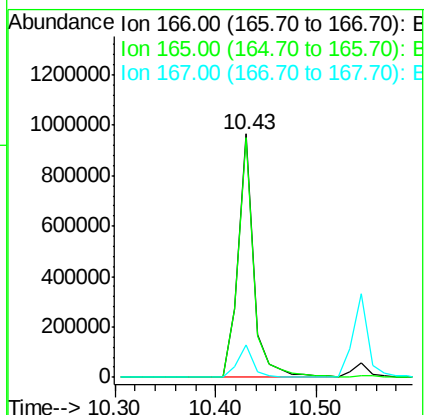
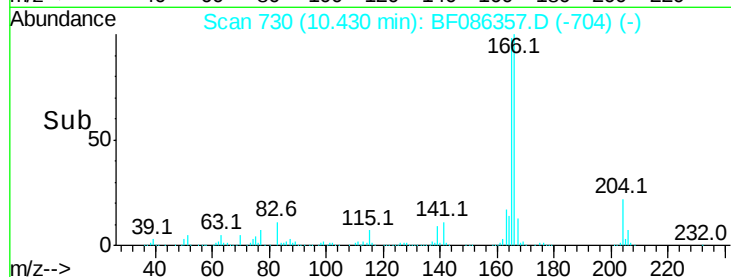
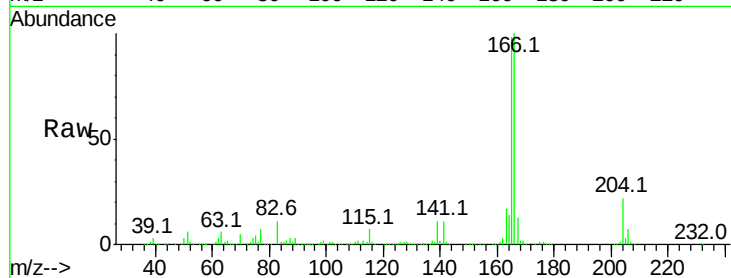
166 100

165 98.3 79.0 118.6

167 13.3 10.6 15.8

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.78 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion:232 Resp: 257448

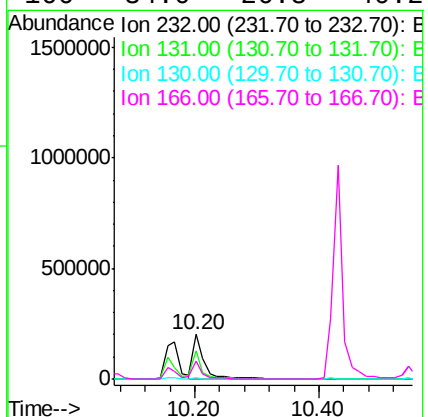
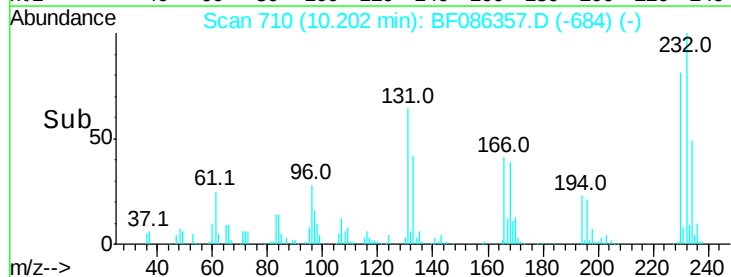
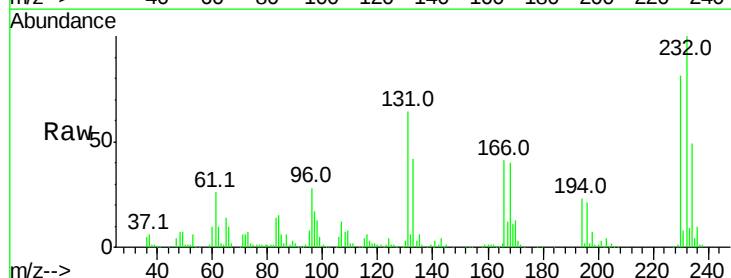
Ion Ratio Lower Upper

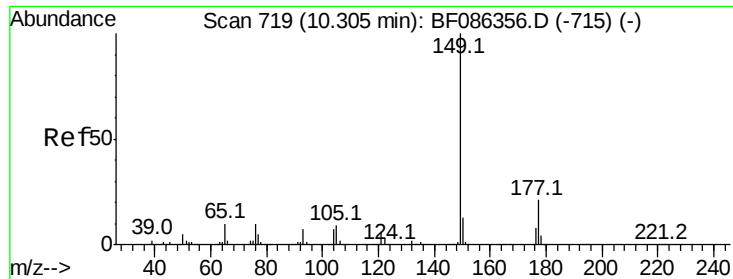
232 100

131 52.2 41.9 62.9

130 2.9 2.2 3.4

166 34.0 26.8 40.2





#59

Diethylphthalate

Concen: 42.00 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

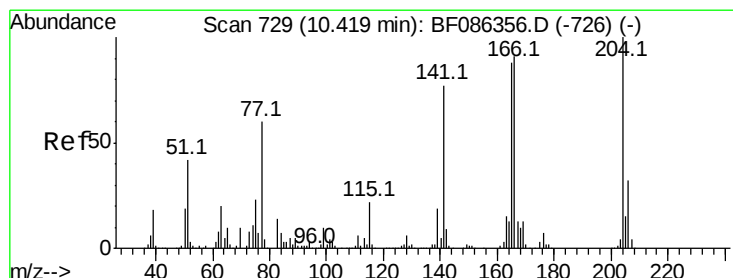
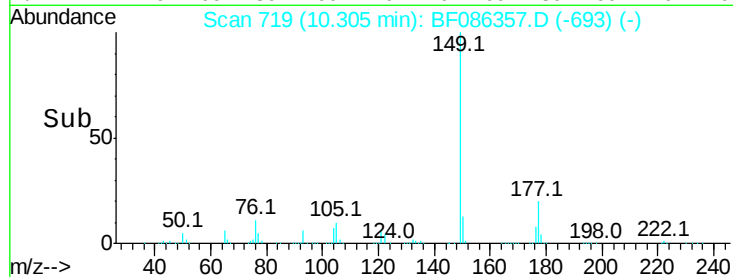
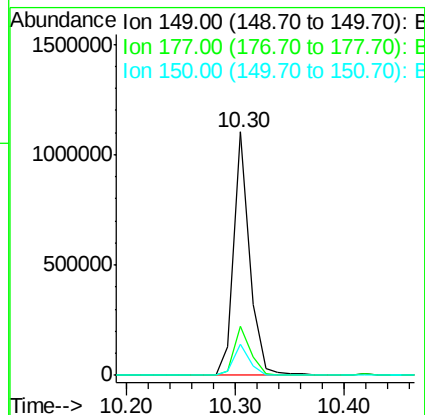
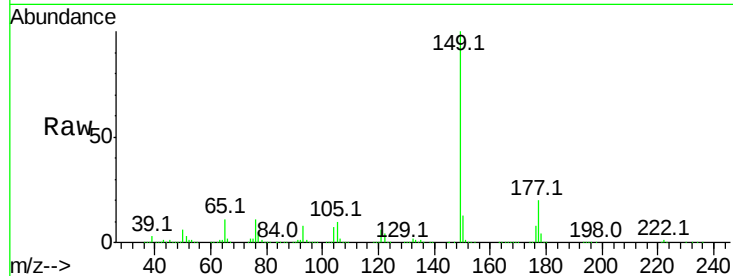
ClientSampled :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.6	24.8
150	13.1	10.0	15.0

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#60

4-Chlorophenyl-phenylether

Concen: 47.36 ng

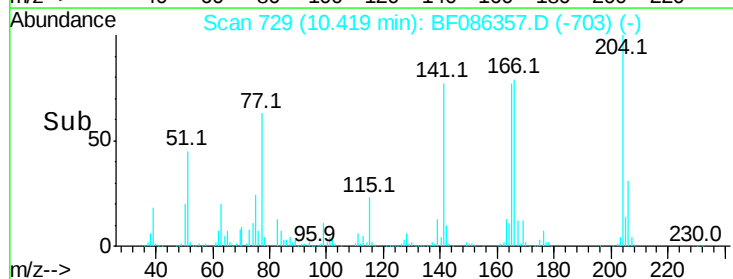
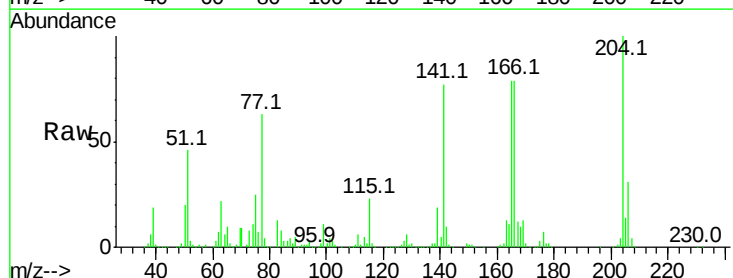
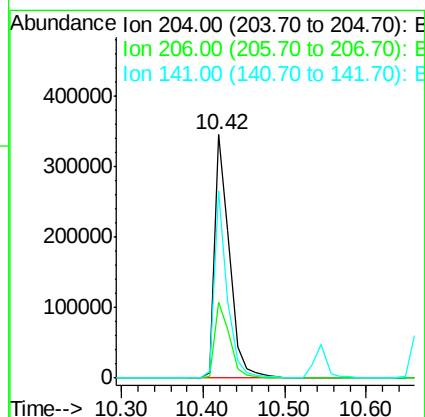
RT: 10.42 min Scan# 729

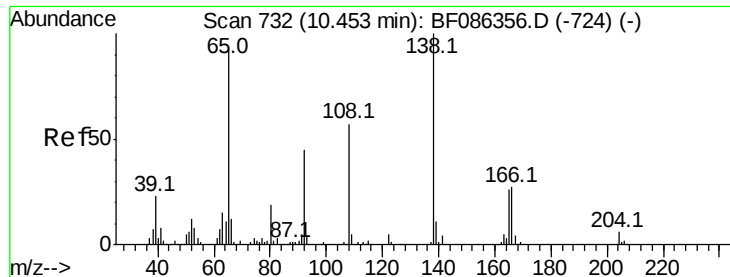
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	25.4	38.0
141	77.2	61.6	92.4





#61

4-Nitroaniline

Concen: 52.69 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

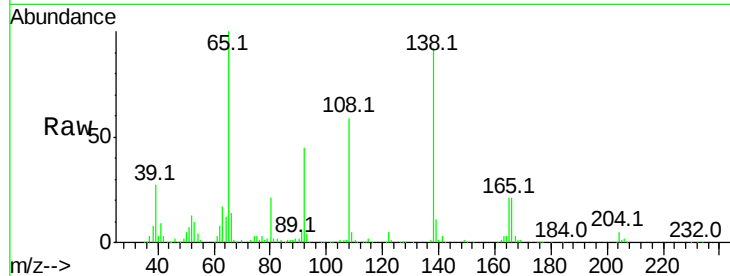
ClientSampleId :

SSTDICC050

Tot Ion:138	Resp:	360367
Ion Ratio	Lower	Upper
138 100		
92 48.5	24.7	64.7
108 64.5	37.4	77.4

Manual Integrations
APPROVED

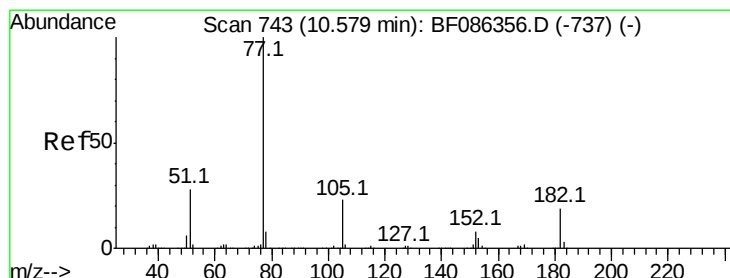
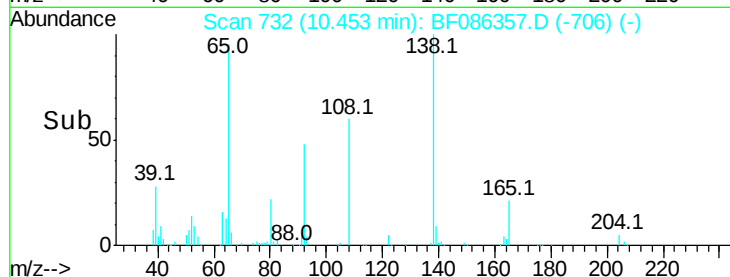
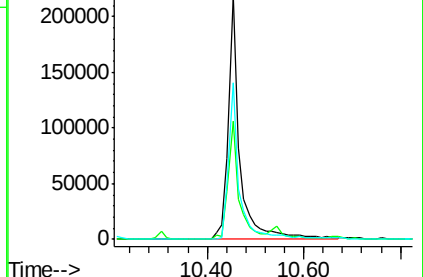
sohil
4/25/2016 12:35:37 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.99 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

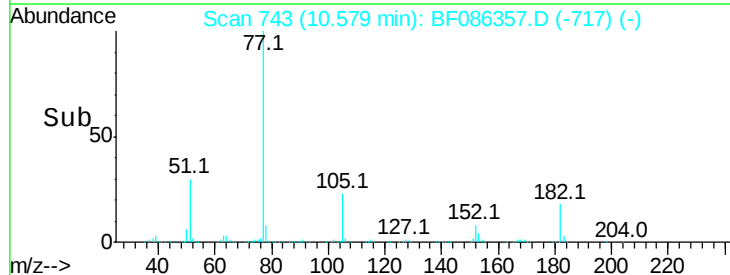
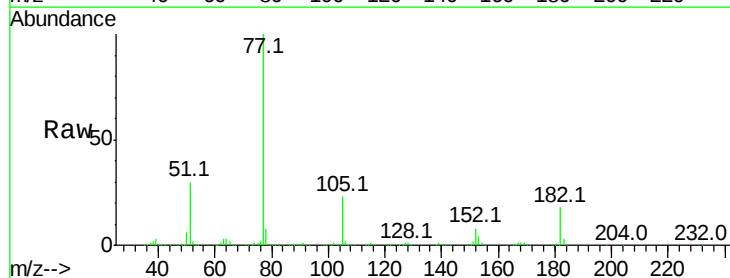
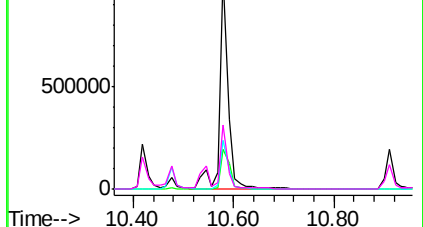
Tgt Ion: 77	Resp:	1206275
Ion Ratio	Lower	Upper
77 100		
182 18.3	0.0	38.8
105 22.8	3.2	43.2
51 30.1	8.8	48.8

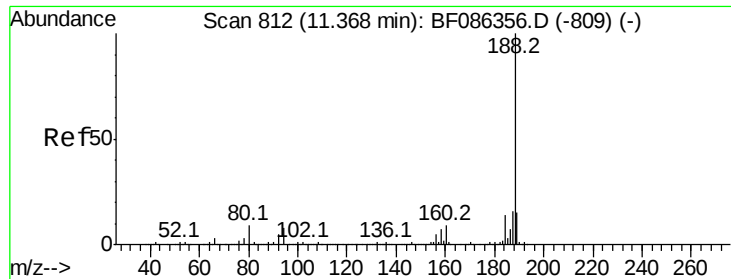
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

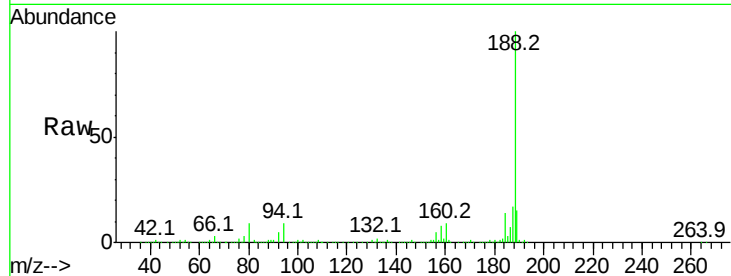
ClientSampleId :

SSTDIC050

Tot Ion:188	Resp: 641765
Ion Ratio	Lower Upper
188 100	
94 8.9	6.8 10.2
80 9.1	7.1 10.7

Manual Integrations
APPROVED

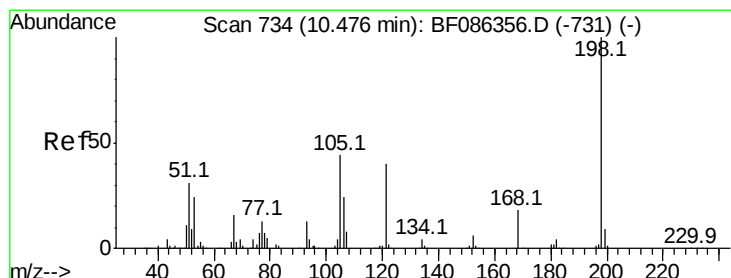
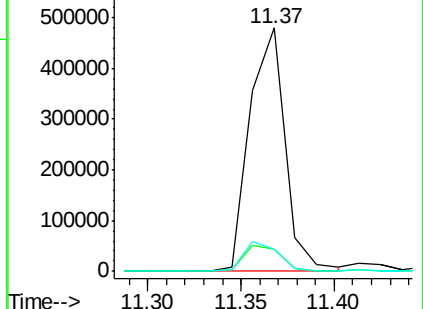
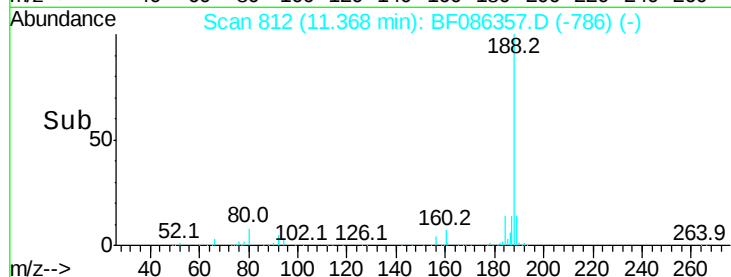
sohil
4/25/2016 12:35:37 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 95.22 ng

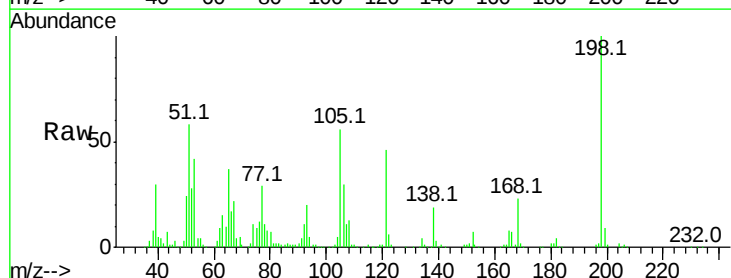
RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

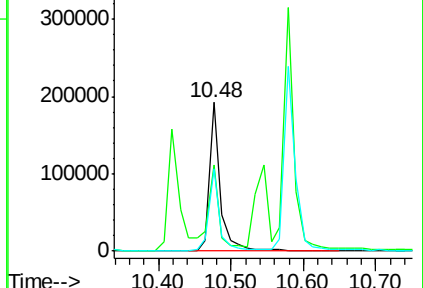
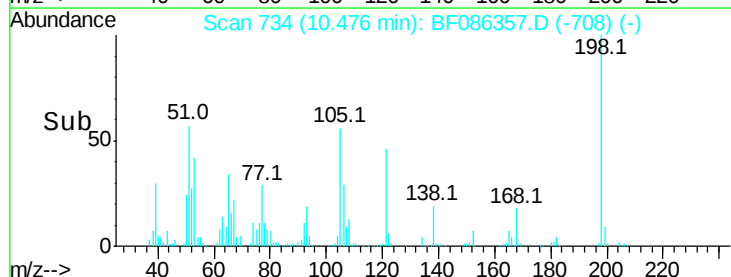
Tgt Ion:198	Resp: 202269
Ion Ratio	Lower Upper
198 100	
51 57.7	20.5 60.5
105 55.5	24.5 64.5

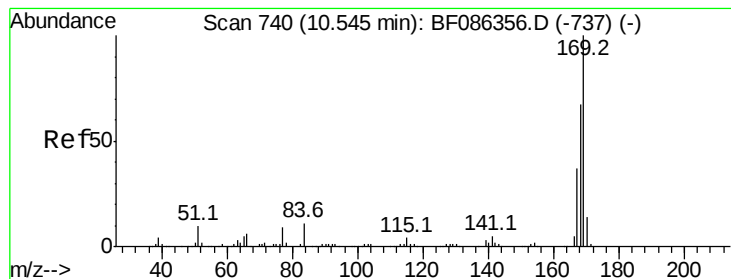


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





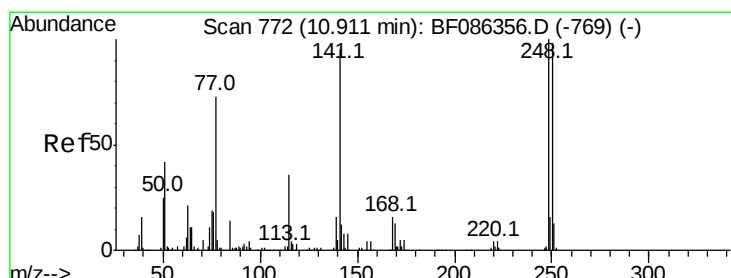
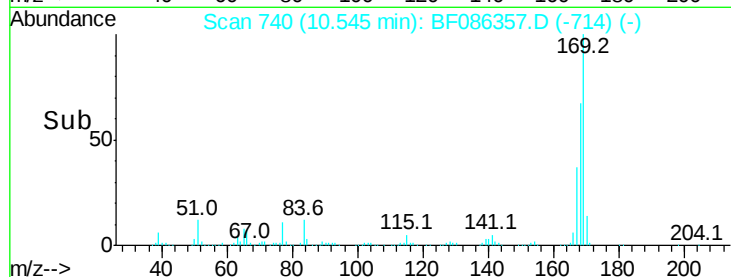
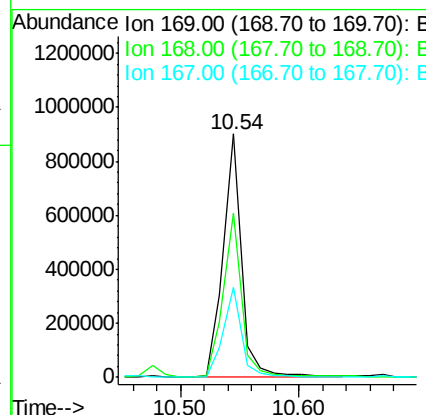
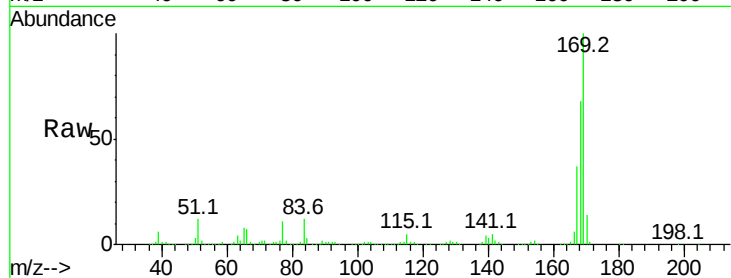
#65
n-Nitrosodiphenylamine
Concen: 46.71 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.6	53.8	80.6	
167	37.0	29.5	44.3	

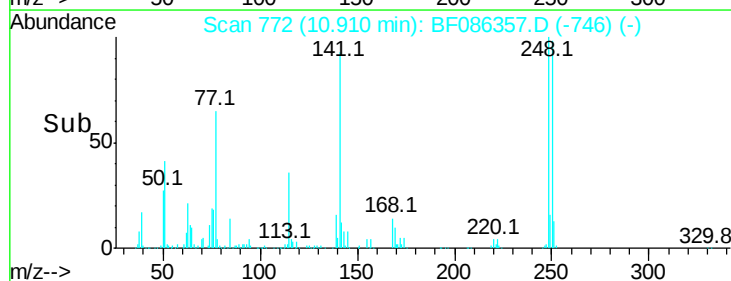
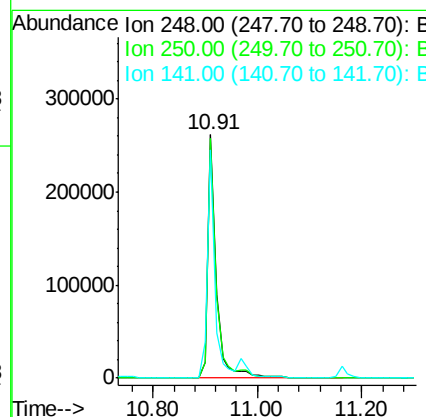
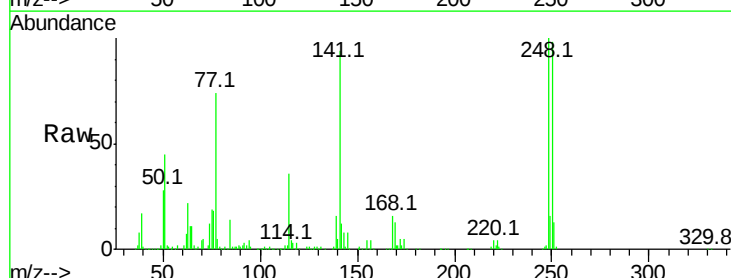
Manual Integrations
APPROVED

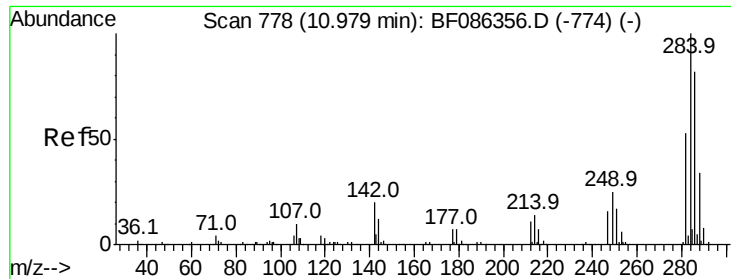
sohil
4/25/2016 12:35:37 PM



#66
4-Bromophenyl-phenylether
Concen: 44.53 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.3	78.6	117.8	
141	93.7	76.0	114.0	





#67

Hexachlorobenzene

Concen: 47.59 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:284 Resp: 326578

Ion Ratio Lower Upper

284 100

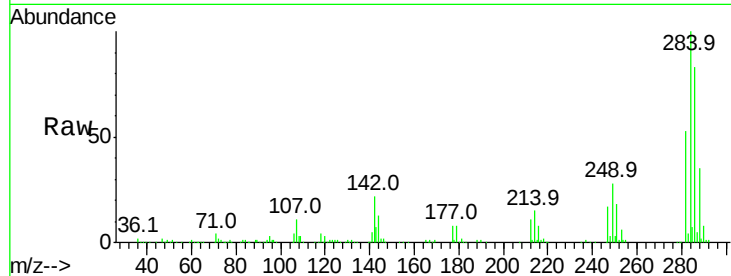
142 22.5 16.7 25.1

249 28.5 21.3 31.9

Manual Integrations
APPROVED

sohil

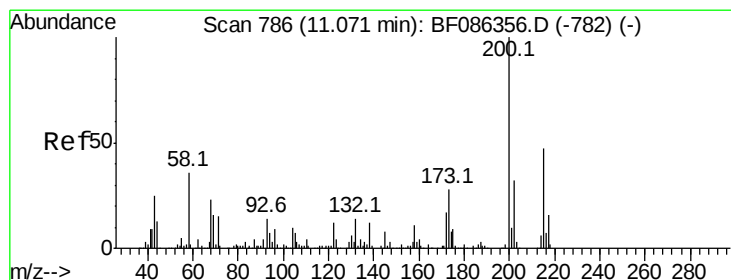
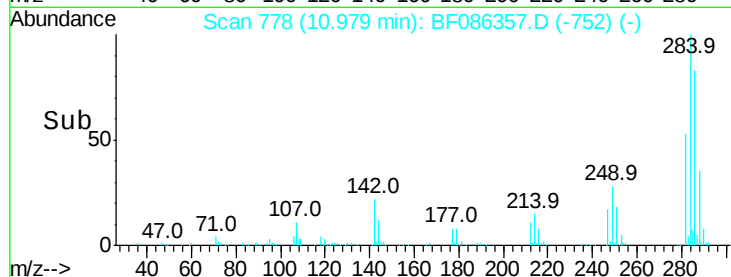
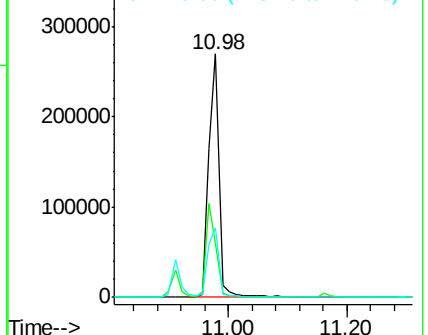
4/25/2016 12:35:37 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.32 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

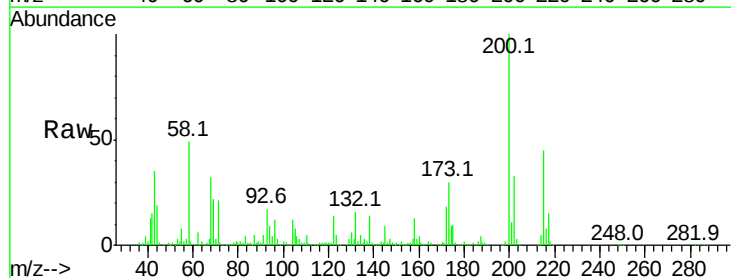
Tgt Ion:200 Resp: 298232

Ion Ratio Lower Upper

200 100

173 30.5 8.5 48.5

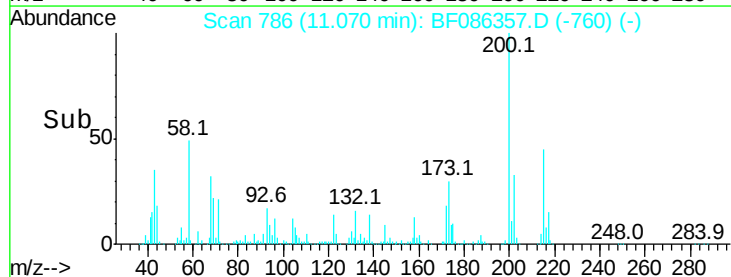
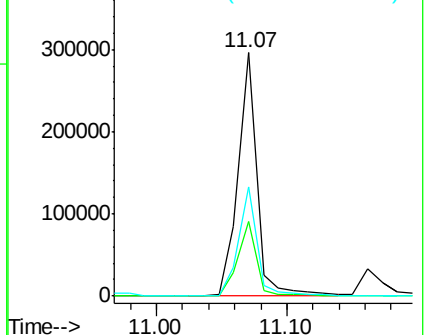
215 44.6 27.2 67.2

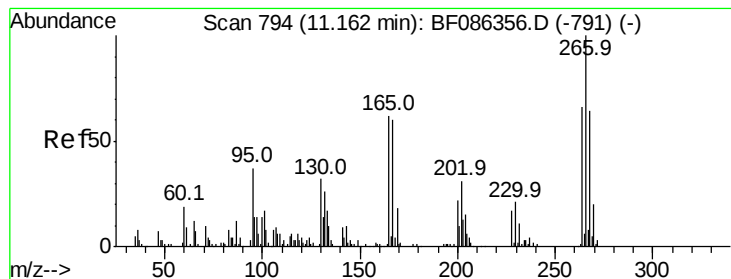


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 57.95 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:266 Resp: 212638

Ion Ratio Lower Upper

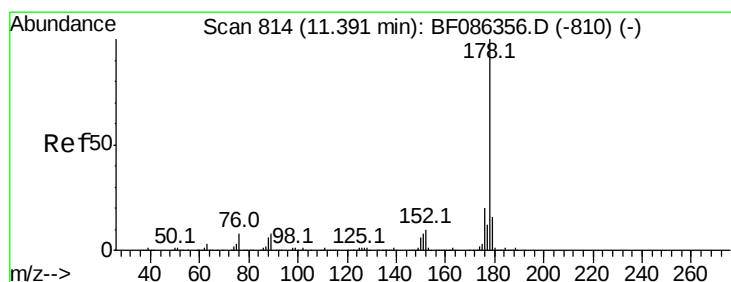
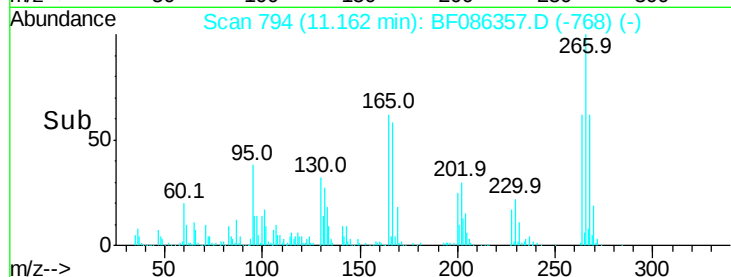
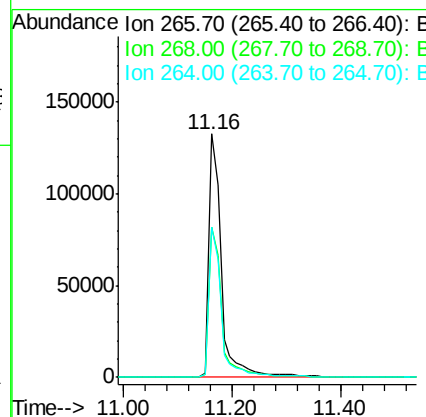
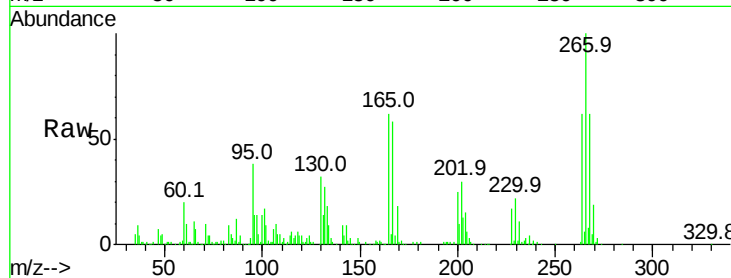
266 100

268 61.9 51.5 77.3

264 61.9 52.9 79.3

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#70

Phenanthrene

Concen: 50.85 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

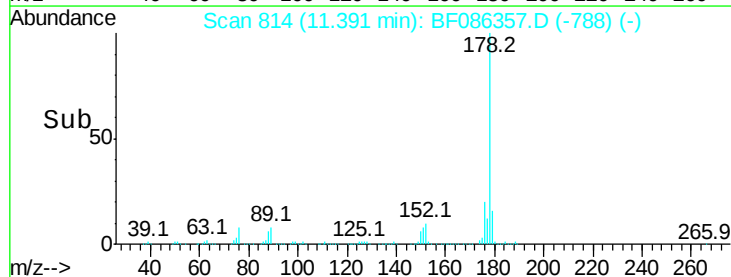
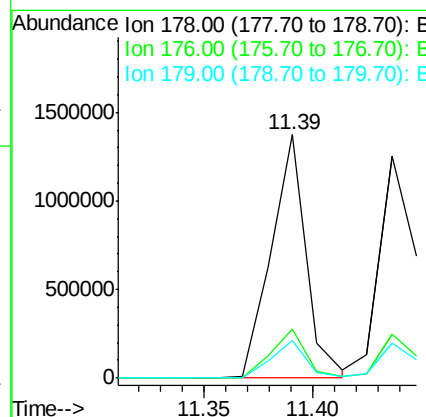
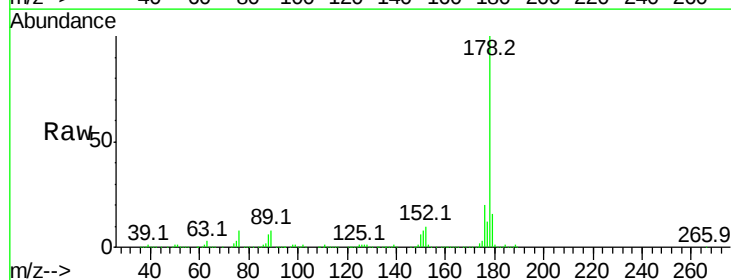
Tgt Ion:178 Resp: 1548141

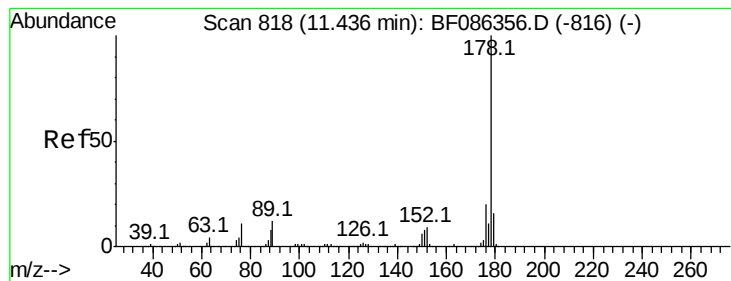
Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

179 15.7 12.6 18.8





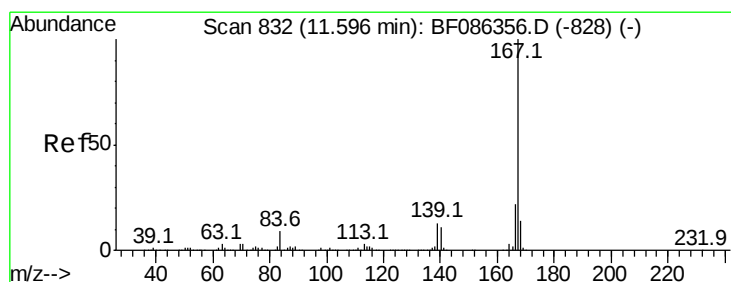
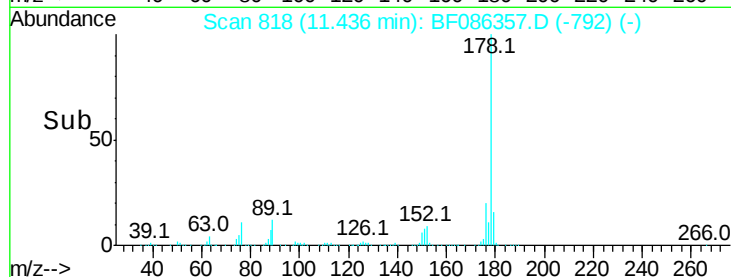
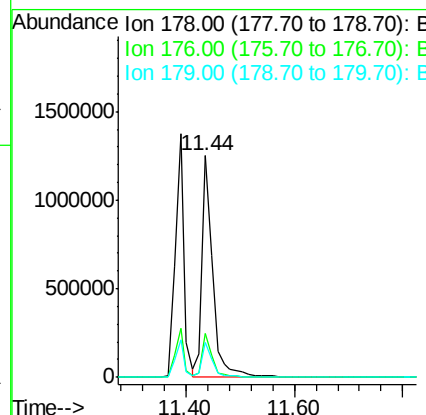
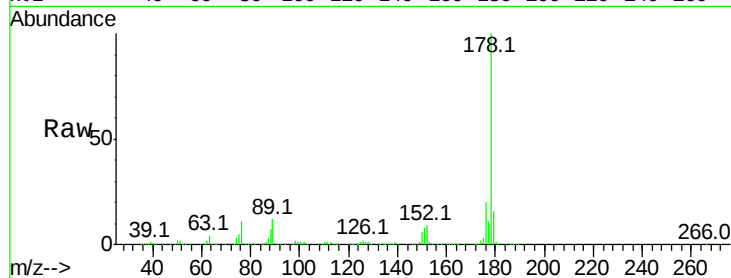
#71
 Anthracene
 Concen: 51.30 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.0	12.7	19.1

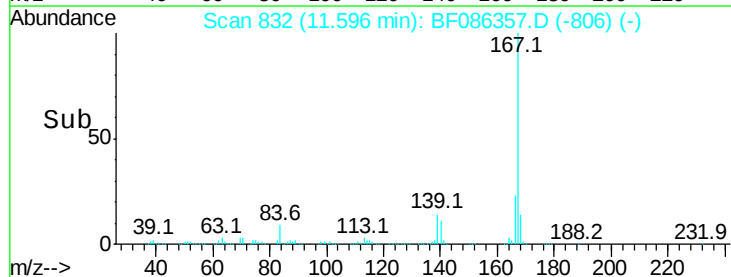
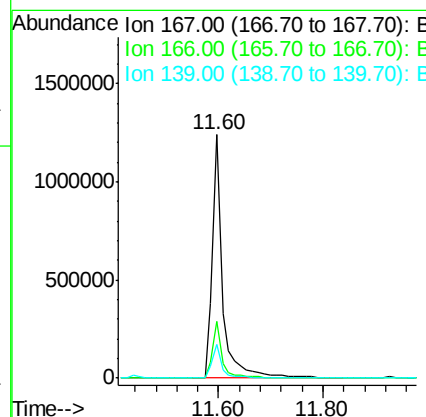
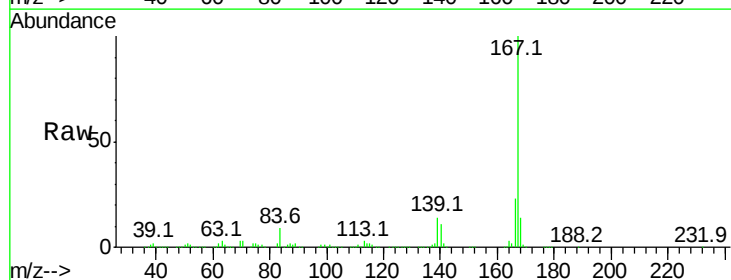
Manual Integrations
 APPROVED

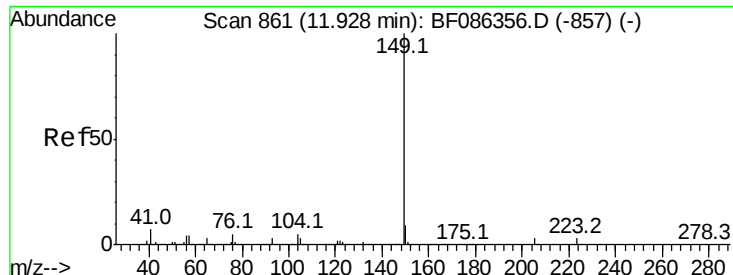
sohil
 4/25/2016 12:35:37 PM



#72
 Carbazole
 Concen: 53.85 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.7	26.5
139	14.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 44.45 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1724131

Ion Ratio Lower Upper

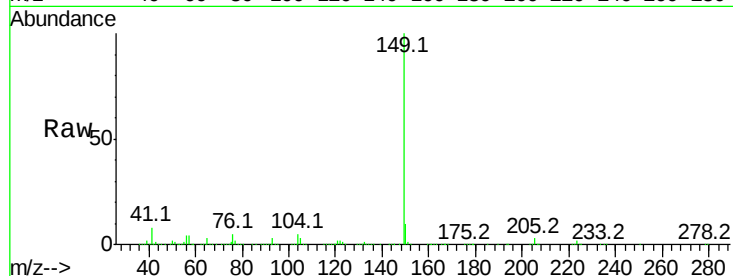
149 100

150 9.6 7.6 11.4

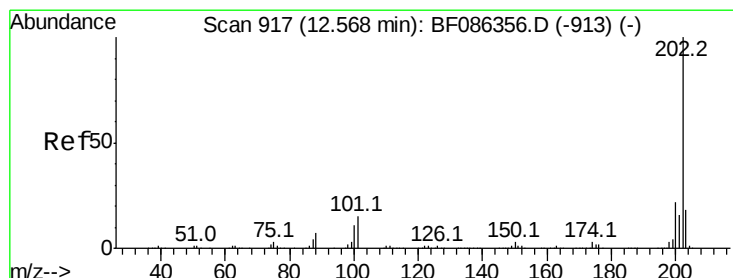
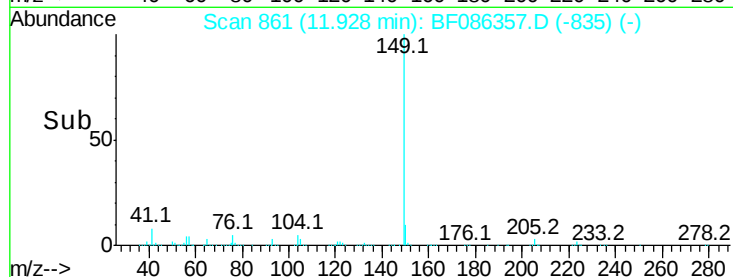
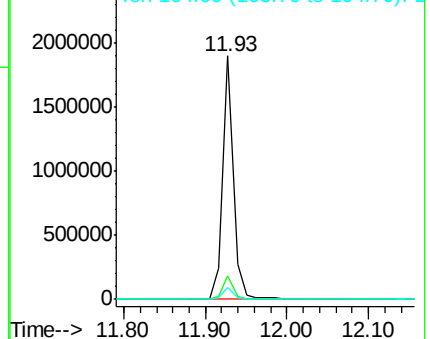
104 4.9 3.8 5.6

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.80 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

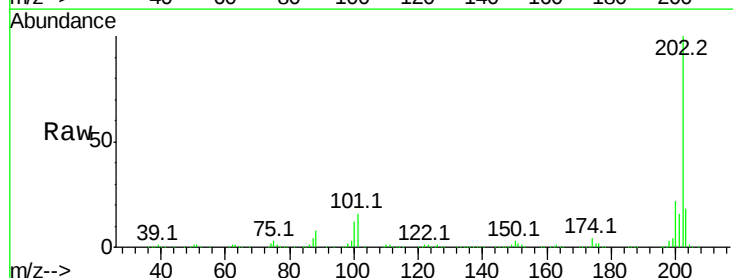
Tgt Ion:202 Resp: 1616893

Ion Ratio Lower Upper

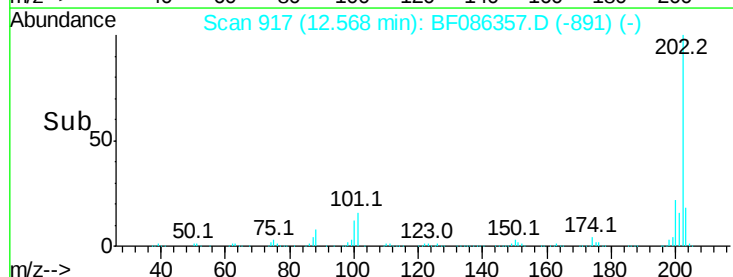
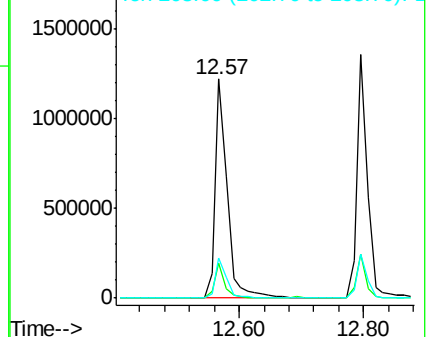
202 100

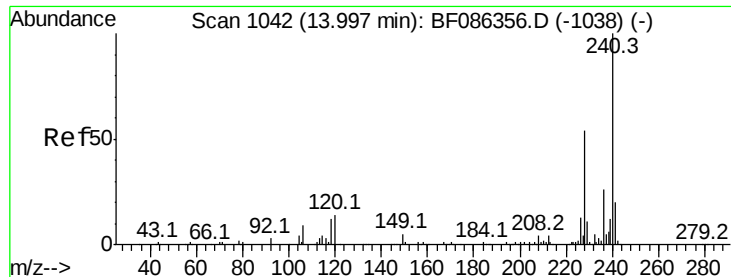
101 16.0 0.0 35.4

203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

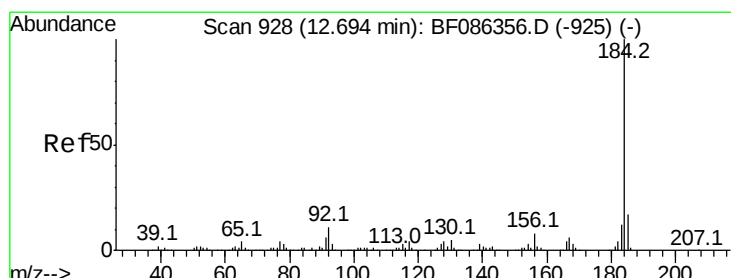
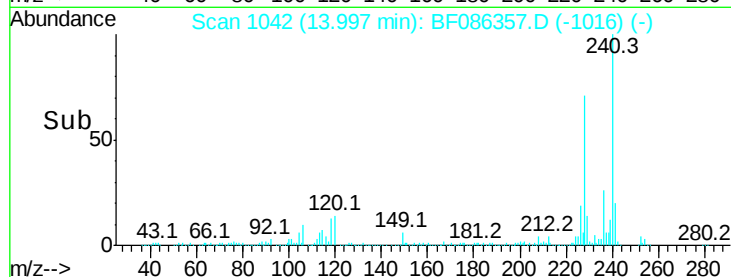
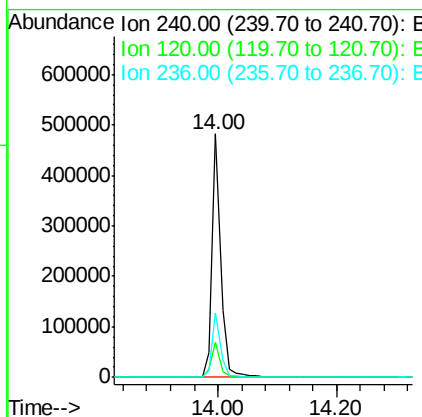
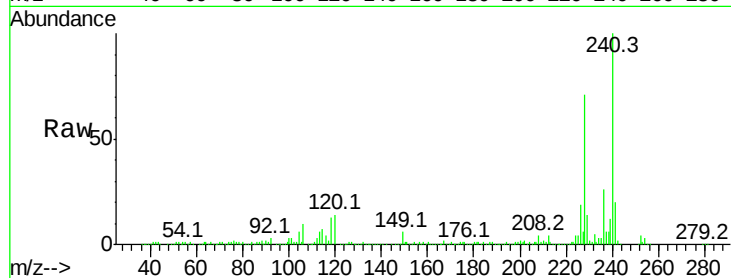
ClientSampleId :

SSTDICC050

Tot Ion:	240	Resp:	490682
Ion Ratio	Lower	Upper	
240	100		
120	14.3	11.2	16.8
236	26.4	21.2	31.8

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#76

Benzidine

Concen: 47.50 ng

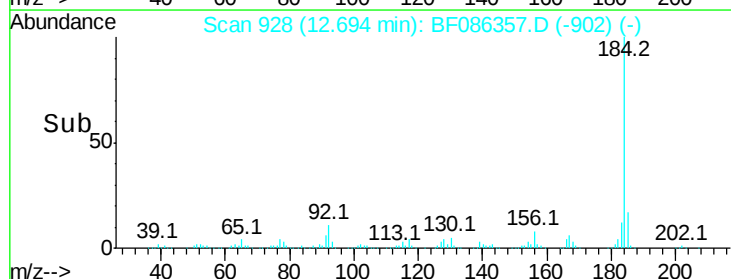
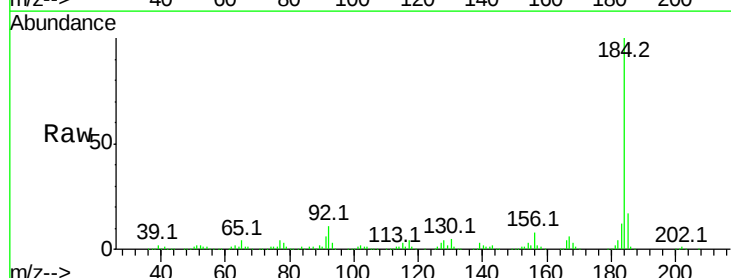
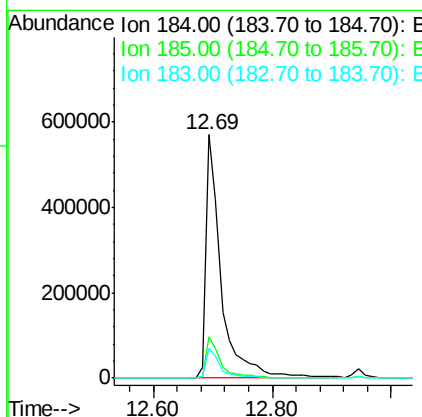
RT: 12.69 min Scan# 928

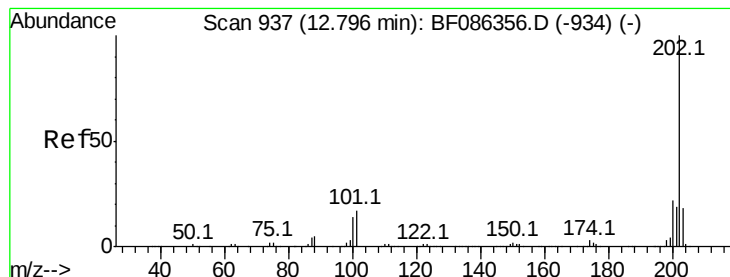
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion:	184	Resp:	1027713
Ion Ratio	Lower	Upper	
184	100		
185	17.1	13.6	20.4
183	12.2	9.8	14.6





#77

Pvrene

Concen: 43.45 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:202 Resp: 1567772

Ion Ratio Lower Upper

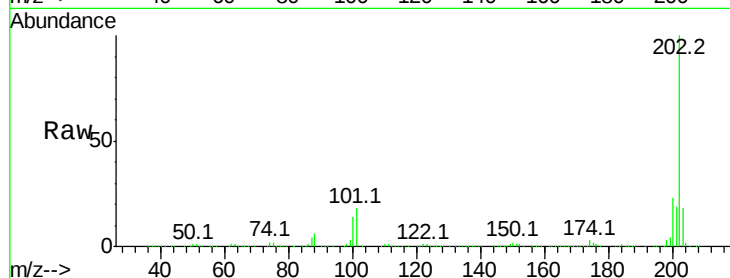
202 100

200 22.6 17.7 26.5

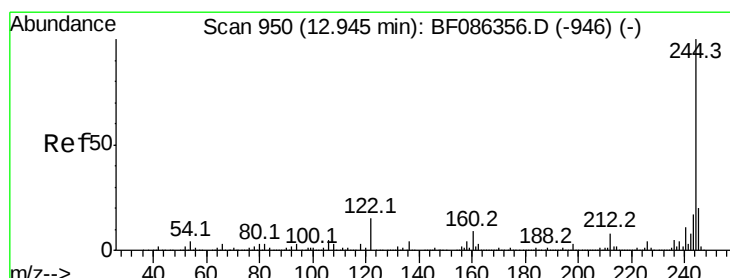
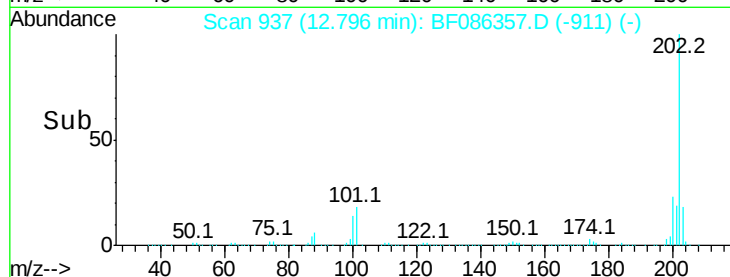
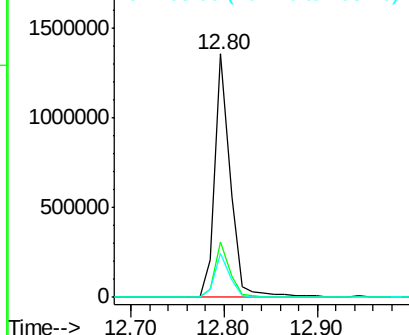
203 18.3 14.2 21.4

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.90 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

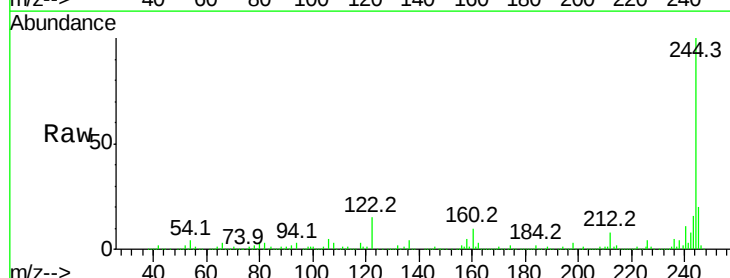
Tgt Ion:244 Resp: 1765697

Ion Ratio Lower Upper

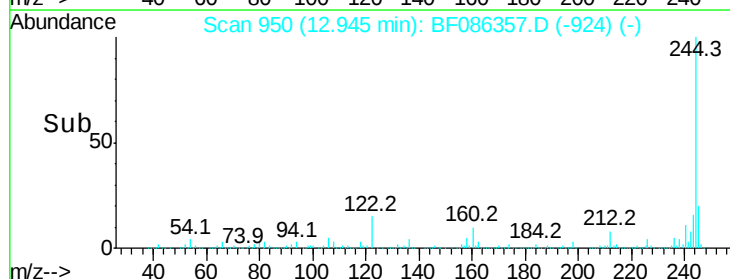
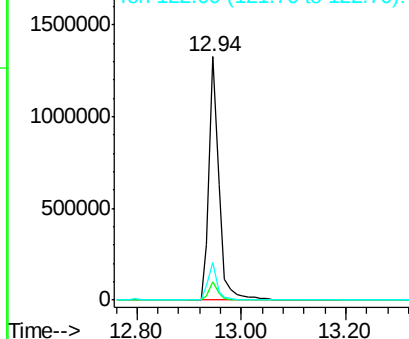
244 100

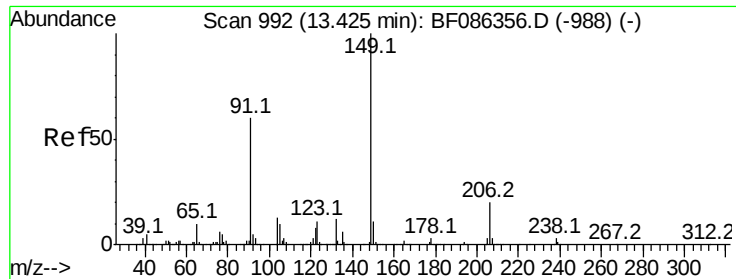
212 7.8 6.2 9.2

122 15.3 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





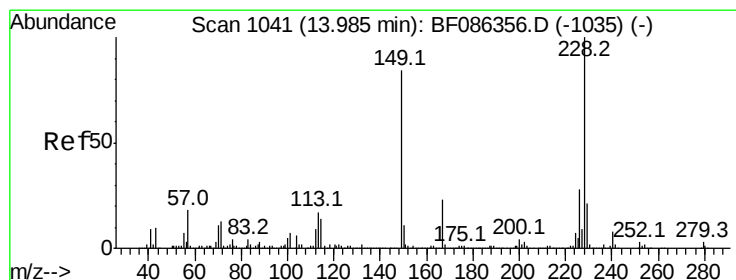
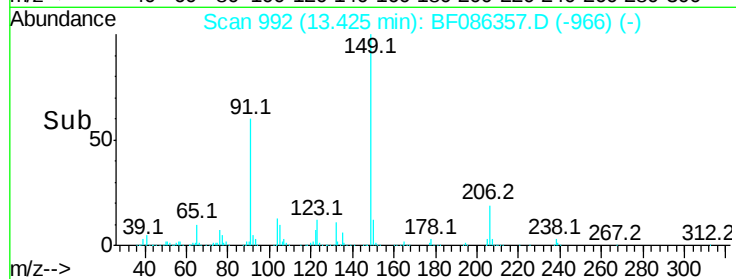
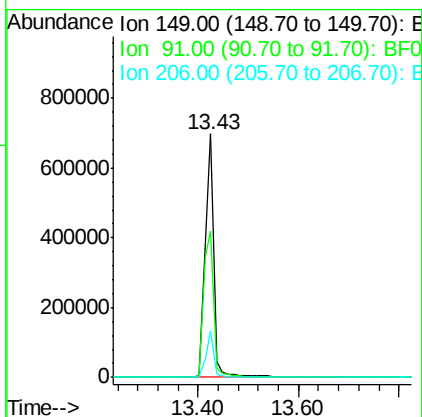
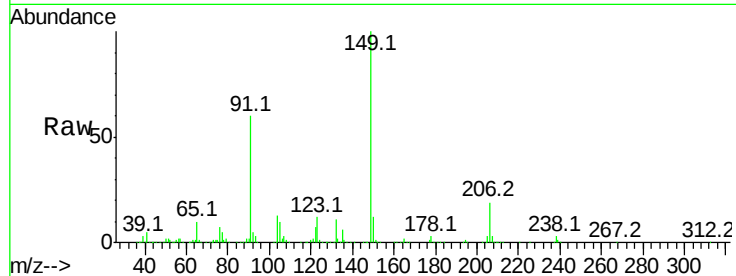
#79
Butylbenzylphthalate
Concen: 43.89 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	823695		
91	60.3	48.0	72.0	
206	19.3	15.8	23.6	

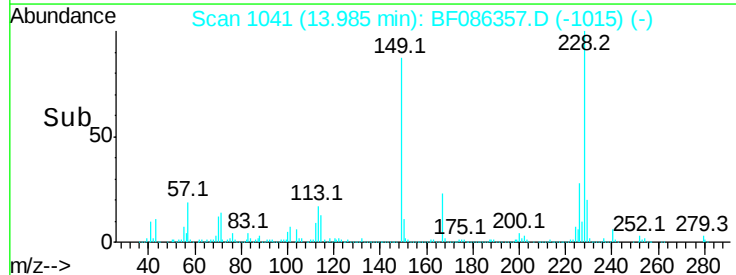
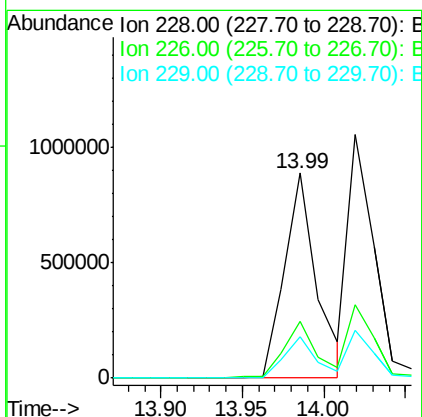
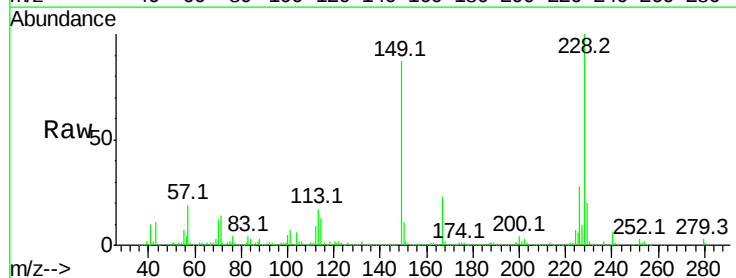
Manual Integrations
APPROVED

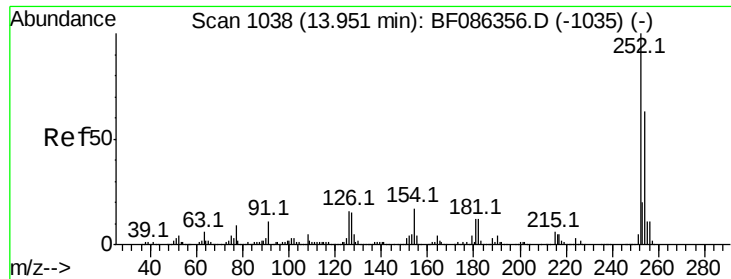
sohil
4/25/2016 12:35:37 PM



#80
Benzo(a)anthracene
Concen: 47.40 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1220774		
226	27.8	22.5	33.7	
229	20.1	16.6	25.0	





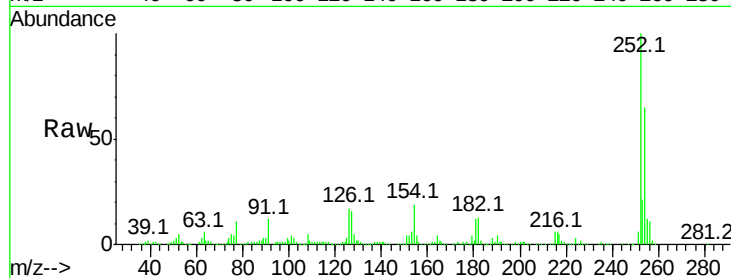
#81
3,3'-Dichlorobenzidine
Concen: 45.51 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

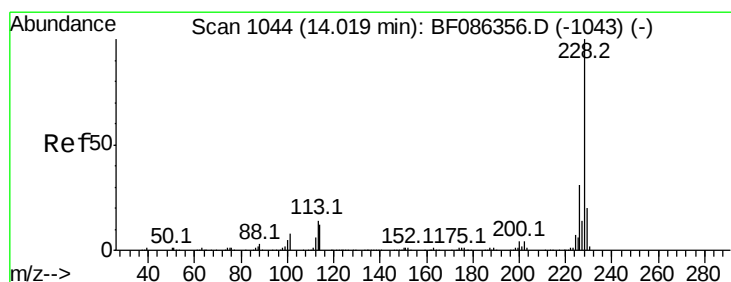
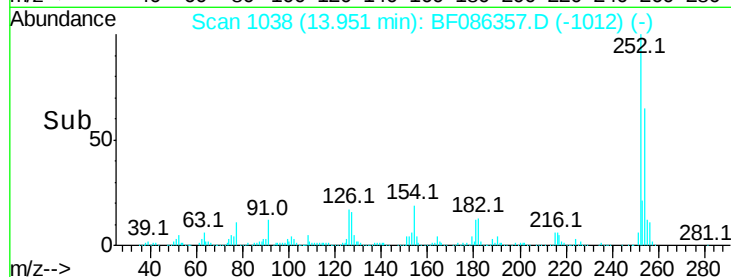
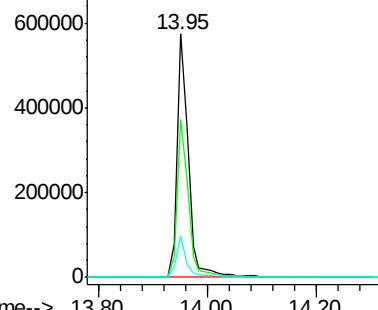
Tot Ion	Ratio	Resp	Lower	Upper
252	100	815997		
254	65.1		50.7	76.1
126	17.0		12.7	19.1

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM

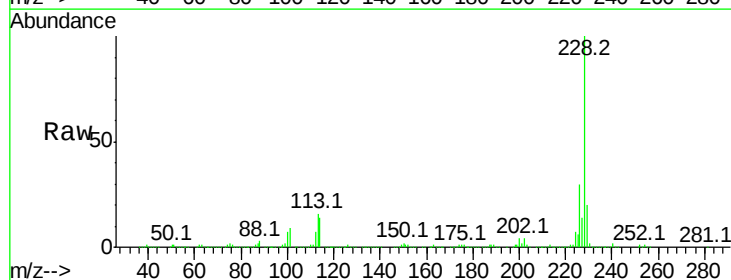


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

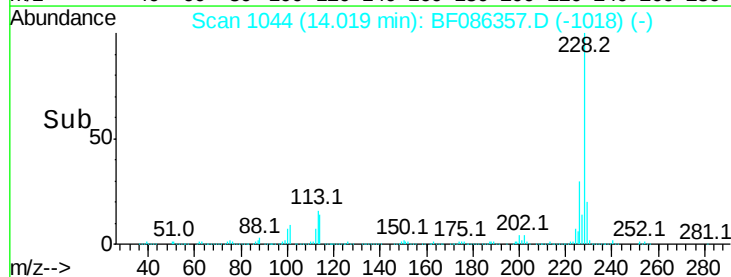
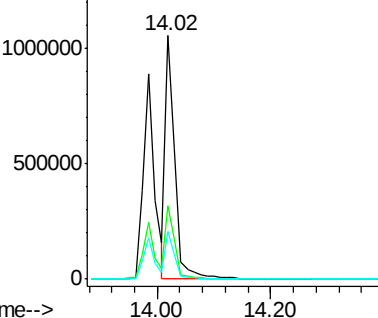


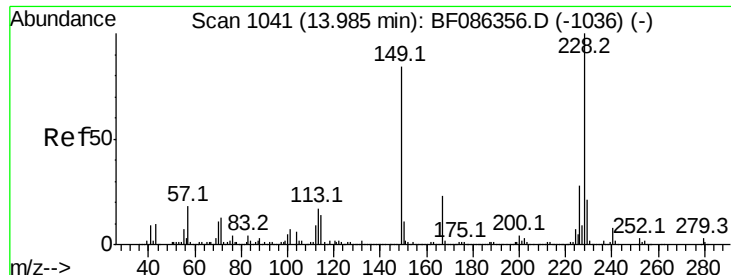
#82
Chrysene
Concen: 44.95 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF086357.D
Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1258452		
226	30.2		24.4	36.6
229	19.8		15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.39 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

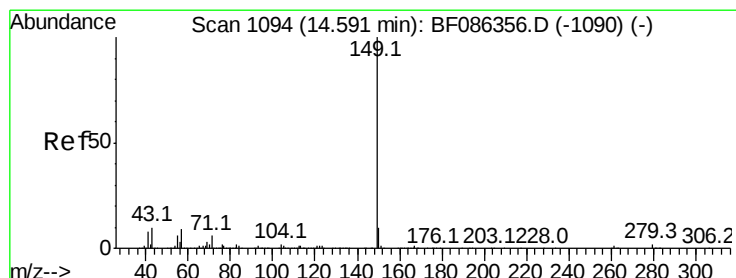
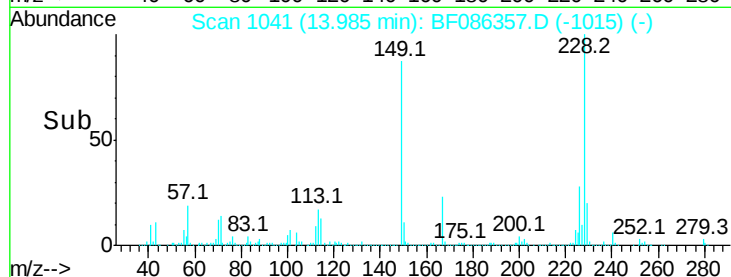
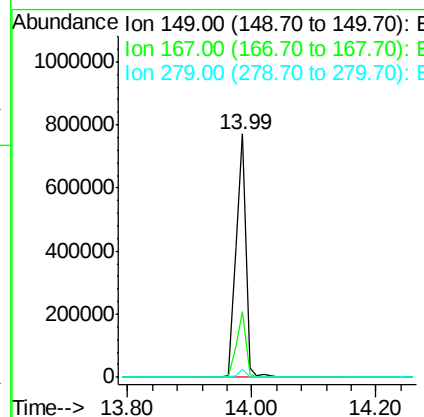
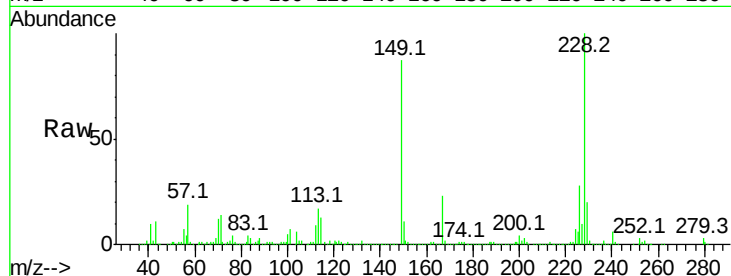
ClientSampleId :

SSTDICC050

Tot Ion:	149	Resp:	858177
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.8	32.6
279	3.2	2.6	4.0

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#84

Di-n-octyl phthalate

Concen: 42.11 ng

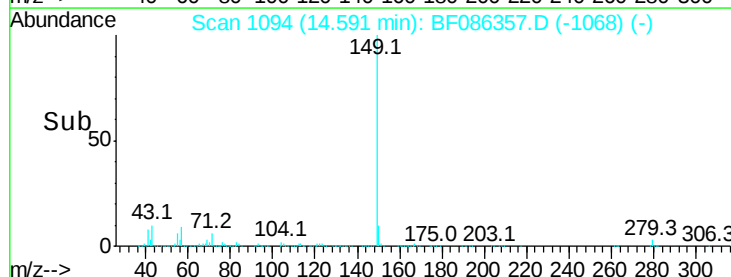
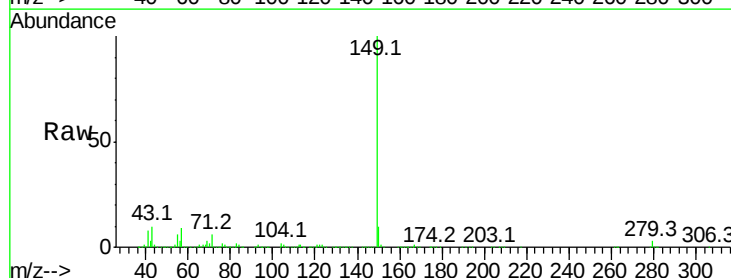
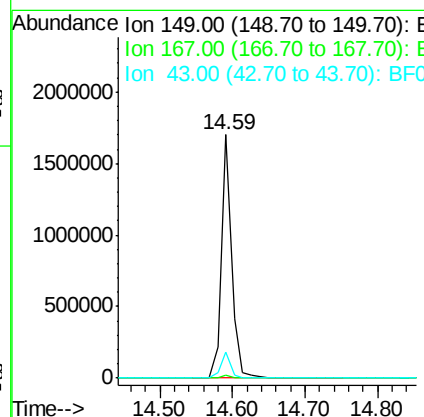
RT: 14.59 min Scan# 1094

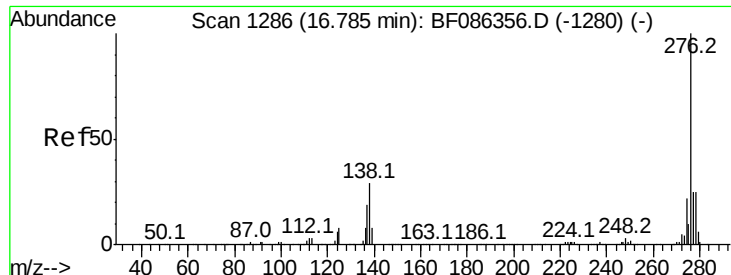
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion:	149	Resp:	1668961
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	10.1	8.2	12.4





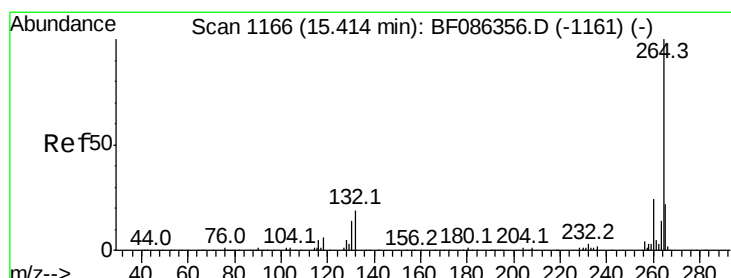
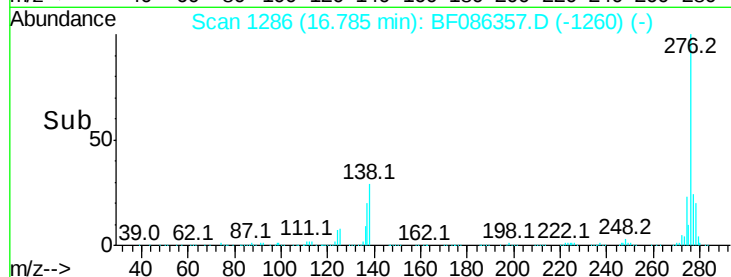
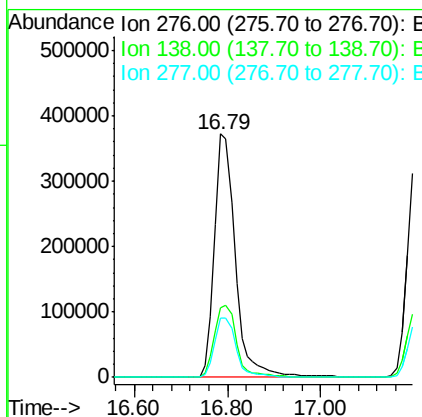
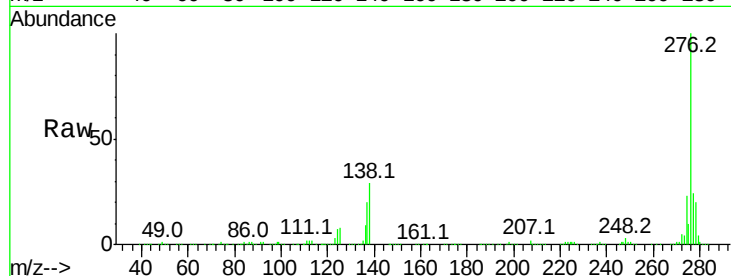
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.51 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.6	38.4
277	25.4	20.5	30.7

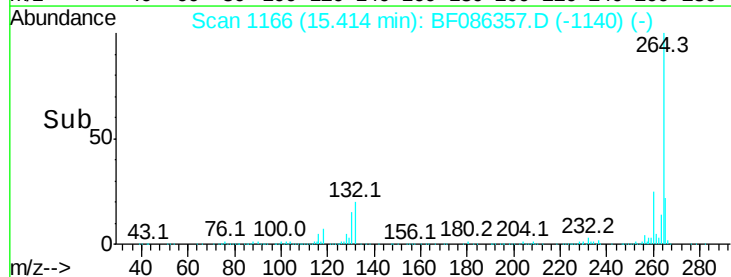
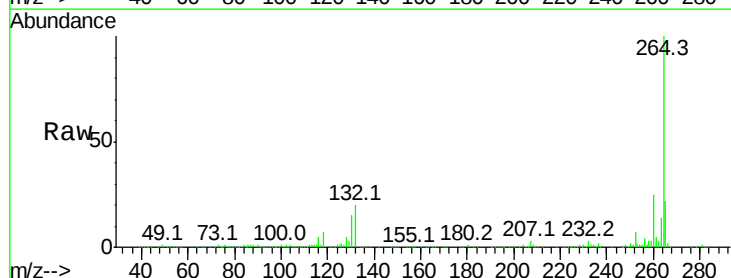
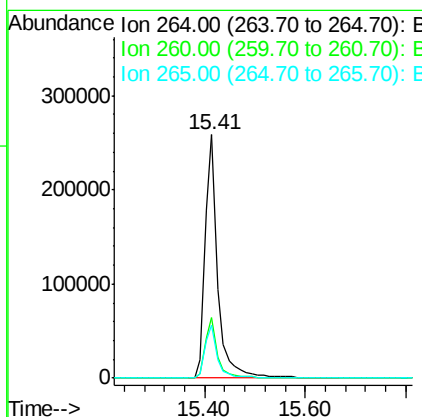
Manual Integrations
 APPROVED

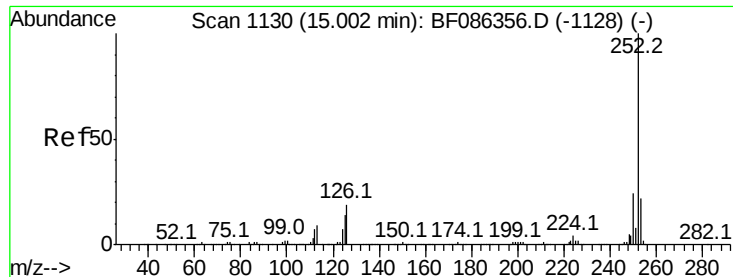
sohil
 4/25/2016 12:35:37 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF086357.D
 Acq: 22 Apr 2016 21:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 51.15 ng m

RT: 15.01 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

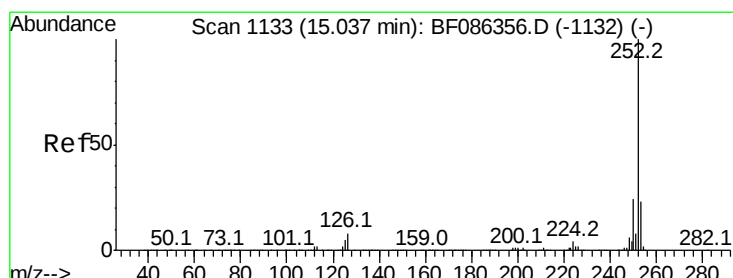
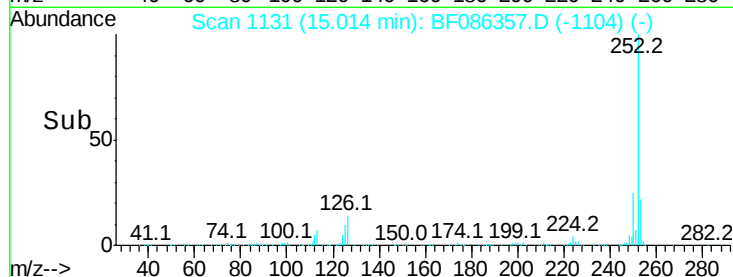
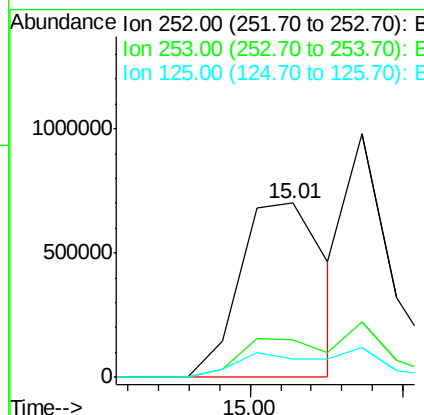
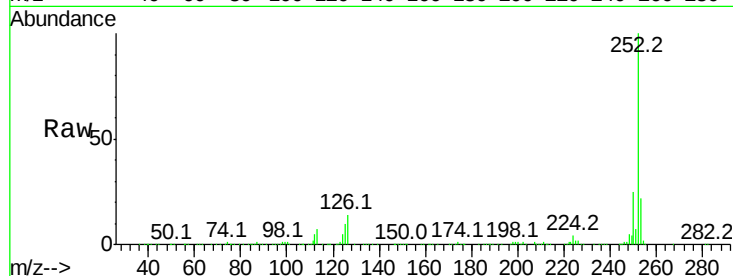
ClientSampleId :

SSTDICC050

Tot Ion:	252	Resp:	1365400
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	10.5	11.4	17.0

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM



#88

Benzo(k)fluoranthene

Concen: 49.13 ng m

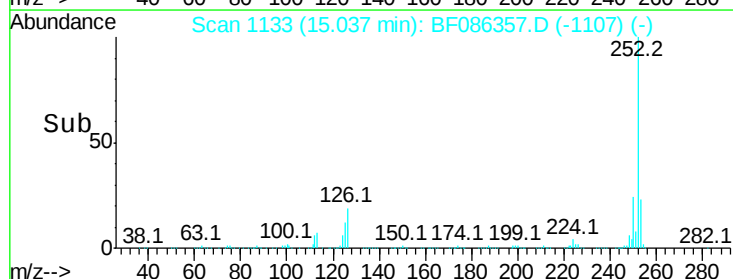
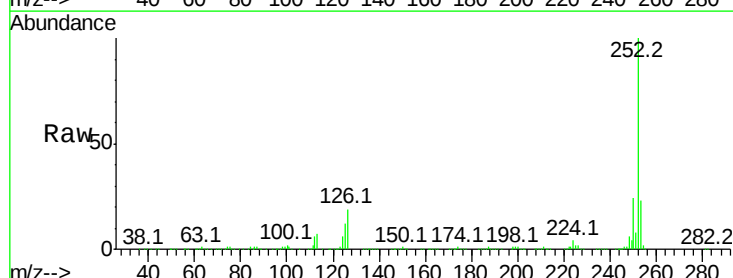
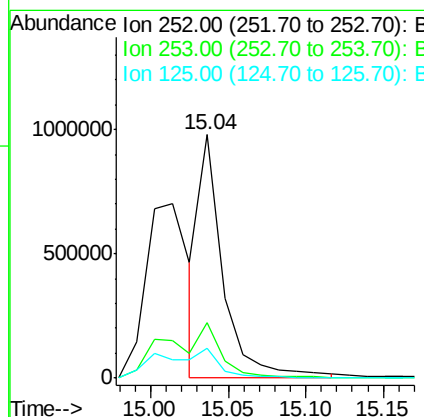
RT: 15.04 min Scan# 1133

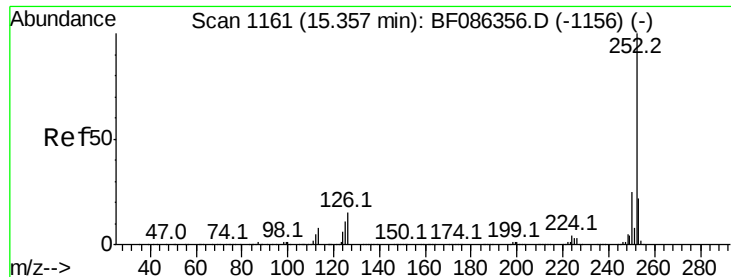
Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tgt Ion:	252	Resp:	1060853
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	12.4	9.1	13.7





#89

Benzo(a)pyrene

Concen: 48.90 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:252 Resp: 1172477

Ion Ratio Lower Upper

252 100

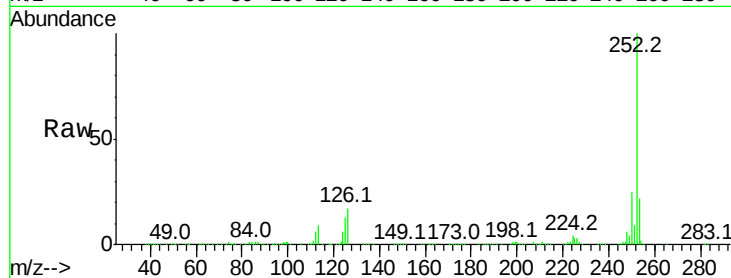
253 22.2 17.2 25.8

125 13.0 9.0 13.6

Manual Integrations
APPROVED

sohil

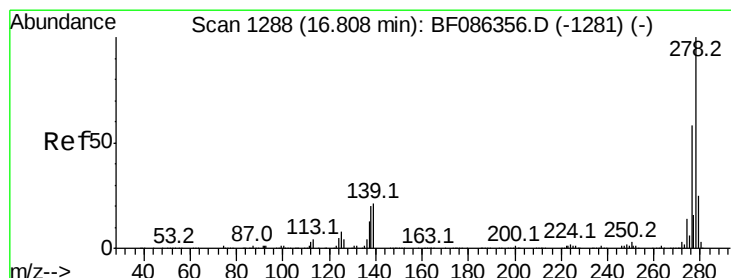
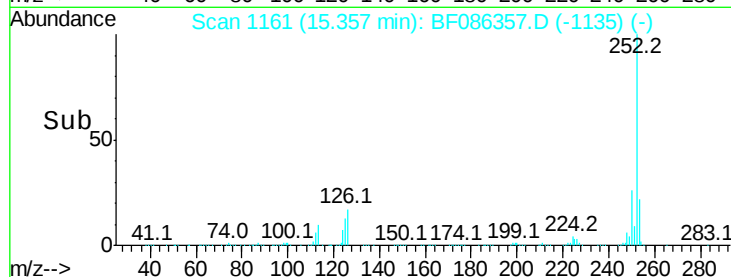
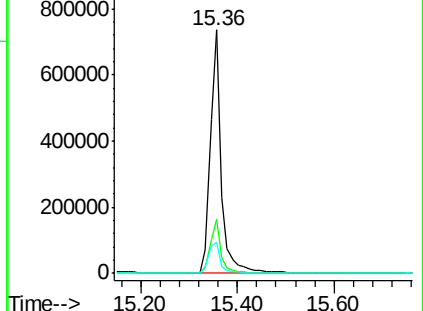
4/25/2016 12:35:37 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.02 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

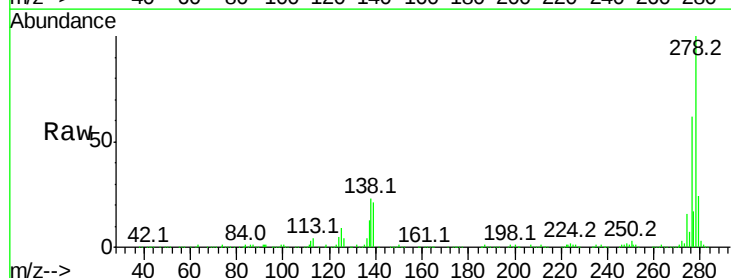
Tgt Ion:278 Resp: 950209

Ion Ratio Lower Upper

278 100

139 20.9 16.6 24.8

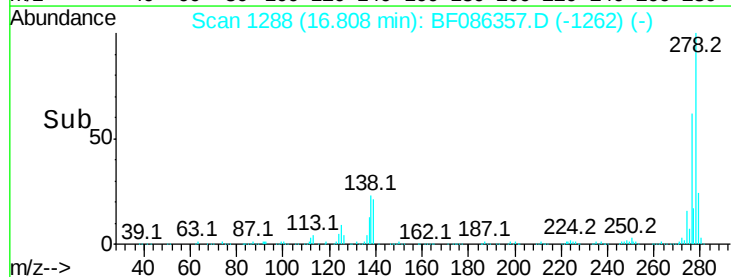
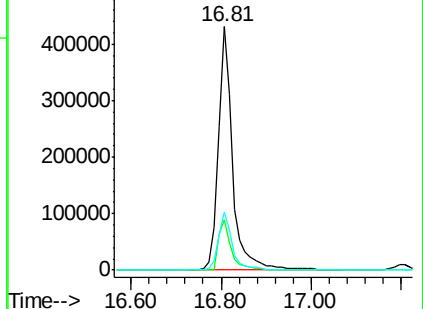
279 23.8 19.6 29.4

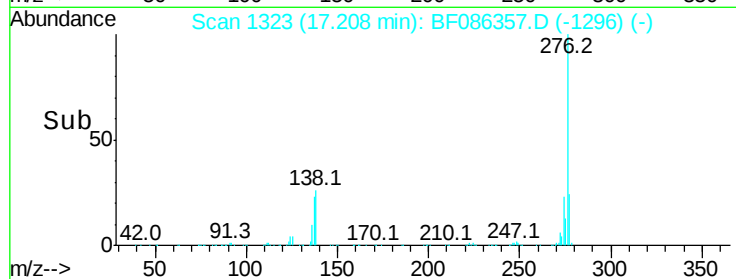
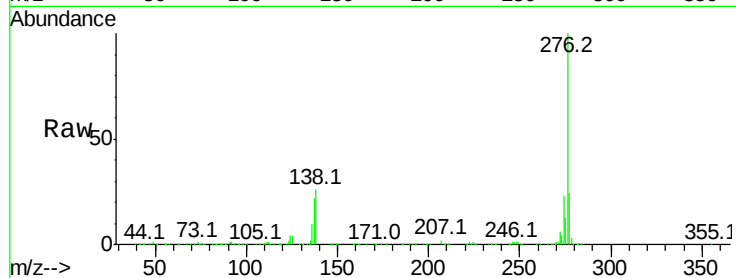
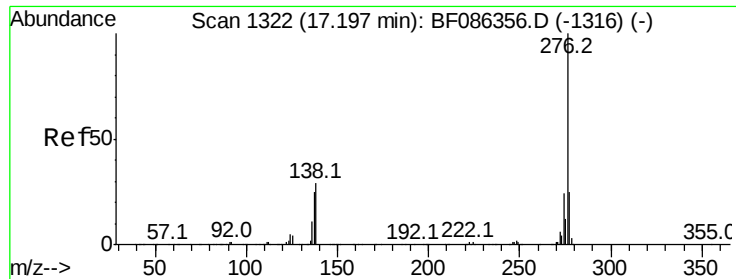


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.72 ng

RT: 17.21 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF086357.D

Acq: 22 Apr 2016 21:23

Tot Ion:	276	Resp:	971825
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.6	29.4
138	26.3	23.6	35.4

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:37 PM

