

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086275.D
 Acq On : 18 Apr 2016 11:54
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:21:27 PM

Quant Time: Apr 19 01:02:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	330241	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1408835	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	620566	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	1091686	20.00	ng	0.00
75) Chrysene-d12	14.05	240	718716	20.00	ng	0.00
86) Perylene-d12	15.48	264	659338	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1450410	71.96	ng	0.00
7) Phenol-d6	6.52	99	1961784	77.81	ng	0.00
23) Nitrobenzene-d5	7.46	82	1903236	77.92	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	391496	78.56	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2396067	71.25	ng	-0.01
78) Terphenyl-d14	13.00	244	2179394	76.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	458500	41.25	ng	98
3) Pyridine	3.26	79	1136966	39.22	ng	96
4) n-Nitrosodimethylamine	3.21	42	451141	43.08	ng	# 73
6) Aniline	6.56	93	1487866	40.94	ng	98
8) 2-Chlorophenol	6.67	128	861709	37.79	ng	95
9) Benzaldehyde	6.43	77	685206	38.31	ng	90
10) Phenol	6.53	94	1217433	40.55	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	825341	36.54	ng	85
12) 1,3-Dichlorobenzene	6.83	146	929305	38.41	ng	96
13) 1,4-Dichlorobenzene	6.91	146	973812	42.25	ng	97
14) 1,2-Dichlorobenzene	7.06	146	794388m	38.83	ng	
15) Benzyl Alcohol	7.04	79	748964	41.88	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1446579	41.10	ng	100
17) 2-Methylphenol	7.14	107	797836	41.99	ng	98
18) Hexachloroethane	7.40	117	350663	40.33	ng	# 86
19) n-Nitroso-di-n-propylamine	7.31	70	570246	35.34	ng	# 87
20) 3+4-Methylphenols	7.30	107	744657	34.99	ng	92
22) Acetophenone	7.31	105	1053051	38.83	ng	# 91
24) Nitrobenzene	7.47	77	1012745	37.92	ng	92
25) Isophorone	7.72	82	1886410	38.92	ng	98
26) 2-Nitrophenol	7.79	139	495496	42.55	ng	88
27) 2,4-Dimethylphenol	7.82	122	898972	38.23	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	1028877	36.11	ng	99
29) 2,4-Dichlorophenol	8.03	162	688616	38.52	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	745423	39.84	ng	99
31) Naphthalene	8.20	128	2515085	39.98	ng	100
32) Benzoic acid	7.95	122	657853	43.76	ng	98
33) 4-Chloroaniline	8.25	127	1107113	39.37	ng	97
34) Hexachlorobutadiene	8.32	225	345270	36.83	ng	99
35) Caprolactam	8.62	113	280789	43.38	ng	# 65
36) 4-Chloro-3-methylphenol	8.73	107	783266	37.81	ng	96
37) 2-Methylnaphthalene	8.89	142	1466226	36.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	612271	47.10	ng	98
40) Hexachlorocyclopentadiene	9.05	237	343521	46.96	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086275.D
 Acq On : 18 Apr 2016 11:54
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:21:27 PM

Quant Time: Apr 19 01:02:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	503278	41.17	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	493764	41.81	nq	95
45) 1,1'-Biphenyl	9.36	154	1750837	39.19	nq	98
46) 2-Chloronaphthalene	9.38	162	1407342	38.59	nq	99
47) 2-Nitroaniline	9.47	65	515645	43.64	nq	95
48) Acenaphthylene	9.79	152	2269773	39.11	nq	99
49) Dimethylphthalate	9.65	163	1780122	39.45	nq	98
50) 2,6-Dinitrotoluene	9.72	165	431893	43.26	nq	# 79
51) Acenaphthene	9.96	154	1395386	40.25	nq	99
52) 3-Nitroaniline	9.88	138	449386	37.04	nq	97
53) 2,4-Dinitrophenol	9.98	184	197876	54.96	nq	88
54) Dibenzofuran	10.13	168	1780649	38.89	nq	92
55) 4-Nitrophenol	10.04	139	443169	46.69	nq	# 57
56) 2,4-Dinitrotoluene	10.12	165	586264	45.87	nq	90
57) Fluorene	10.48	166	1206574	37.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	330070	38.48	nq	99
59) Diethylphthalate	10.36	149	1782996	38.28	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	608128	47.15	nq	# 88
61) 4-Nitroaniline	10.50	138	503195	47.99	nq	87
62) Azobenzene	10.64	77	1918210	42.10	nq	90
64) 4,6-Dinitro-2-methylphenol	10.52	198	252930	48.68	nq	91
65) n-Nitrosodiphenylamine	10.59	169	1238592	37.05	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	411130	40.41	nq	# 86
67) Hexachlorobenzene	11.02	284	398255	37.35	nq	94
68) Atrazine	11.12	200	371631	36.27	nq	97
69) Pentachlorophenol	11.22	266	295729	45.74	nq	99
70) Phenanthrene	11.44	178	1915461	36.74	nq	99
71) Anthracene	11.49	178	2206586	45.07	nq	99
72) Carbazole	11.64	167	1868013	37.67	nq	99
73) Di-n-butylphthalate	11.98	149	2644018	39.43	nq	# 98
74) Fluoranthene	12.62	202	1994981	44.37	nq	99
76) Benzidine	12.75	184	1223602	43.89	nq	97
77) Pyrene	12.85	202	2015407	36.55	nq	100
79) Butylbenzylphthalate	13.47	149	1060274	41.63	nq	# 79
80) Benzo(a)anthracene	14.04	228	1439064	36.47	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	981395	42.91	nq	98
82) Chrysene	14.08	228	1550981	36.87	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1121232	40.77	nq	# 97
84) Di-n-octyl phthalate	14.65	149	2334814	44.04	nq	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	1494166	43.21	nq	97
87) Benzo(b)fluoranthene	15.07	252	1515947	37.27	nq	99
88) Benzo(k)fluoranthene	15.09	252	1376670m	37.12	nq	
89) Benzo(a)pyrene	15.43	252	1396290	39.63	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	1217735	39.11	nq	97
91) Benzo(g,h,i)perylene	17.32	276	1294615	39.10	nq	96

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

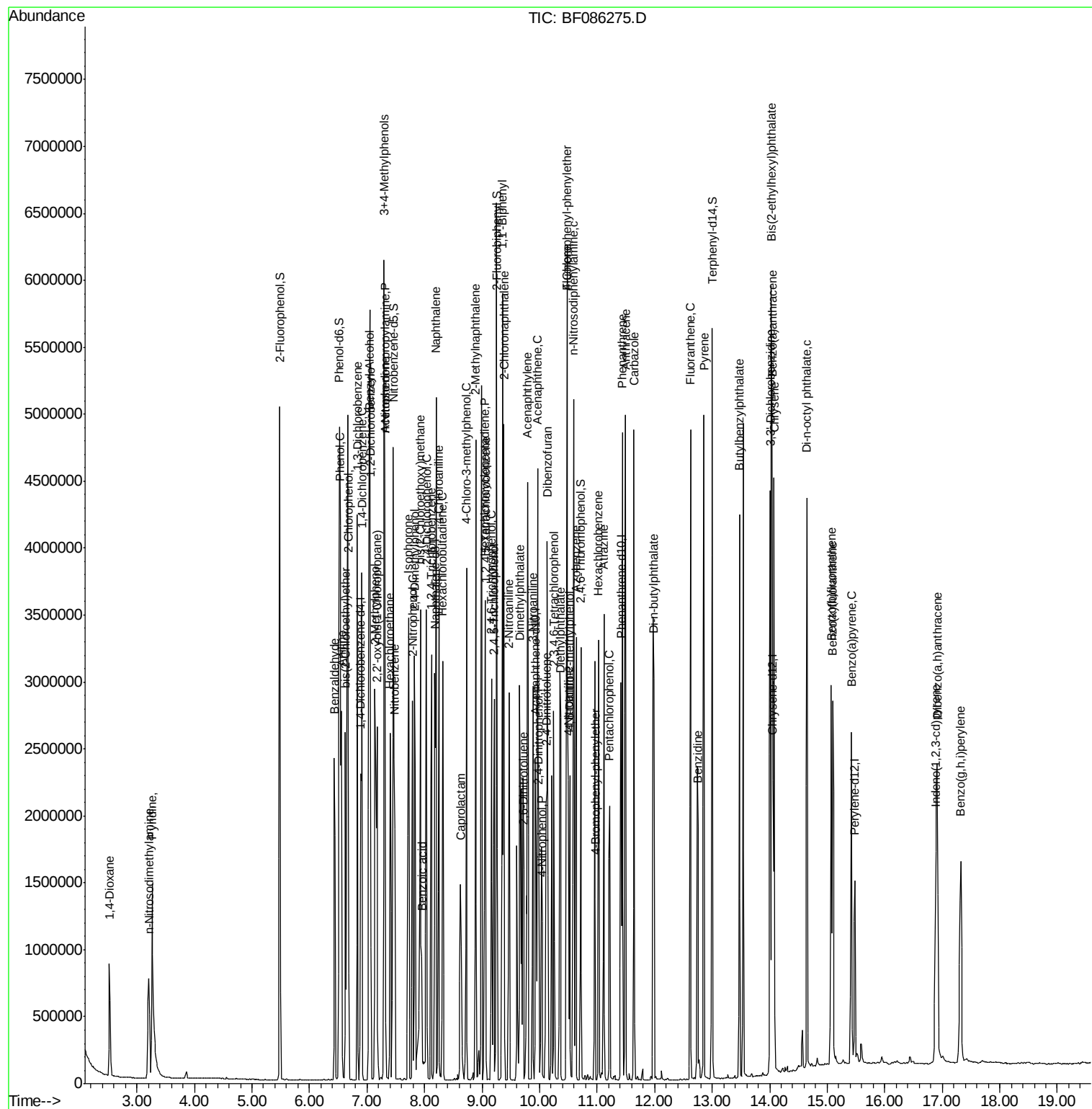
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086275.D
 Acq On : 18 Apr 2016 11:54
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

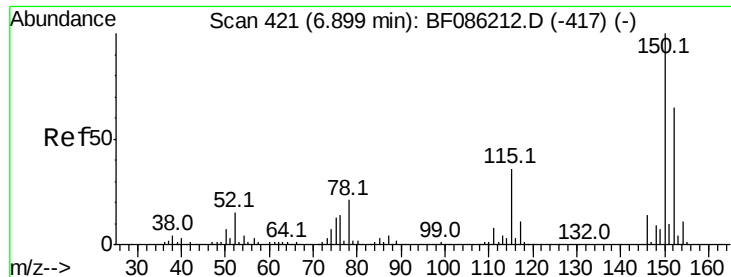
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:21:27 PM

Quant Time: Apr 19 01:02:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

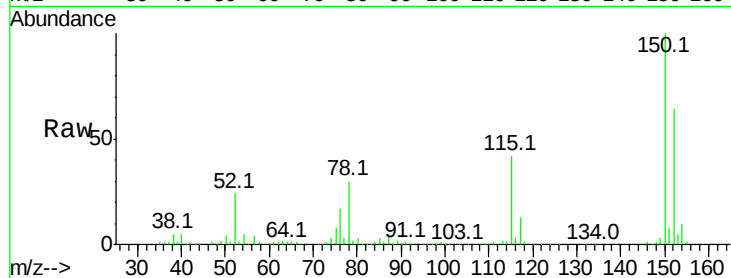
ClientSampleId :

SSTDCCC040

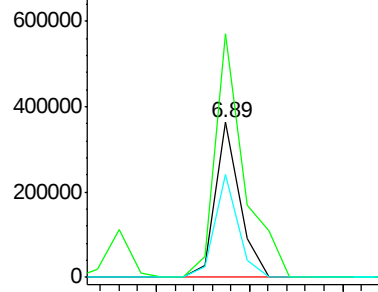
Tot Ion:	152	Resp:	330241
Ion Ratio	Lower	Upper	
152	100		
150	157.3	124.1	186.1
115	66.5	43.9	65.9#

Manual Integrations
APPROVED

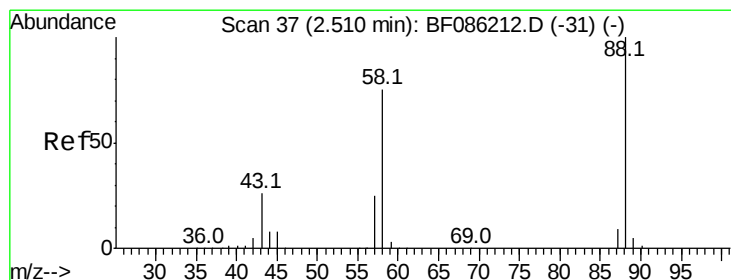
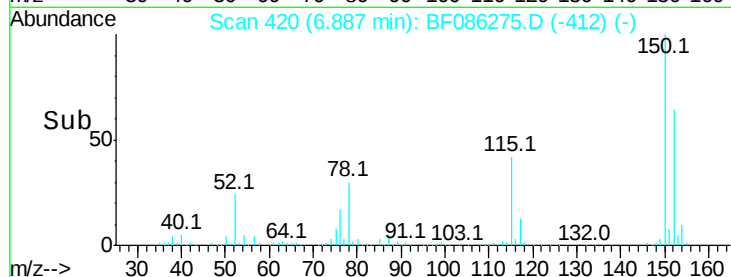
Sohil
4/19/2016 6:21:27 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 41.25 ng

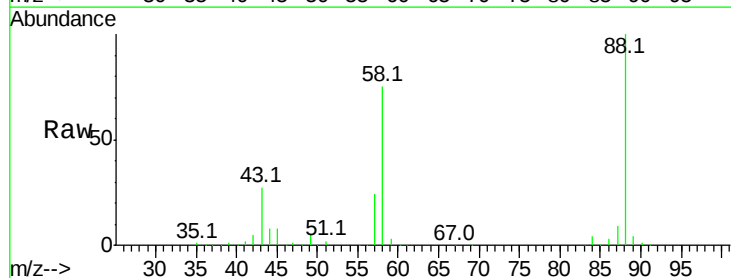
RT: 2.52 min Scan# 38

Delta R.T. 0.01 min

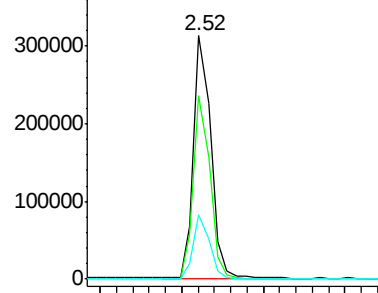
Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

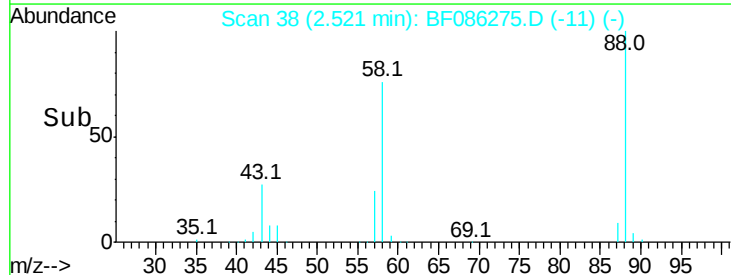
Tgt Ion:	88	Resp:	458500
Ion Ratio	Lower	Upper	
88	100		
58	73.3	58.4	87.6
43	25.0	23.3	34.9

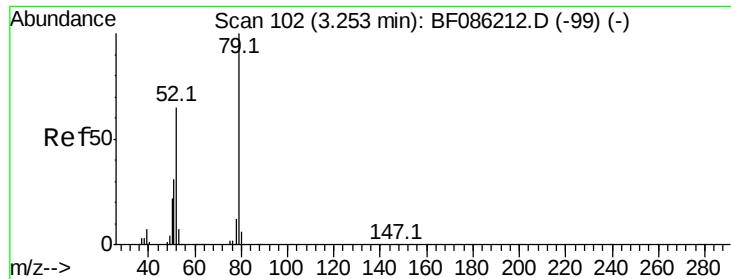


Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



Time-->





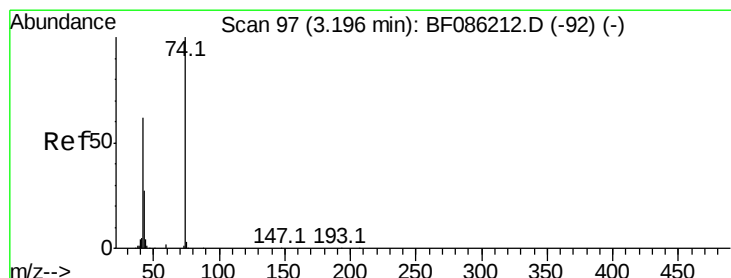
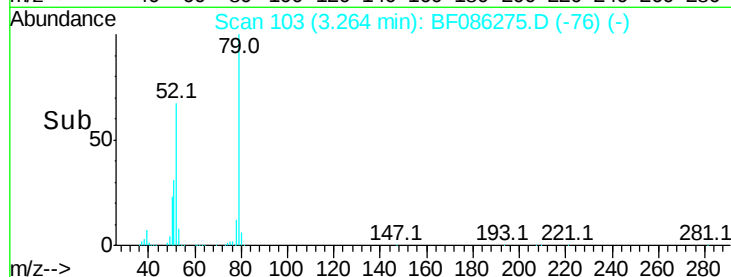
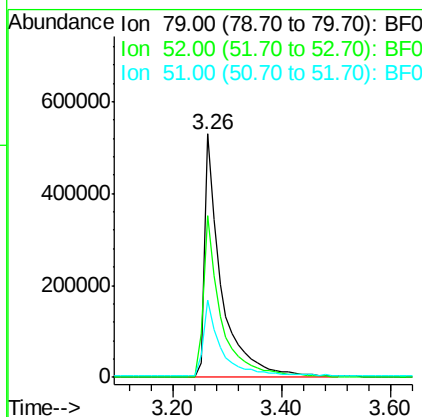
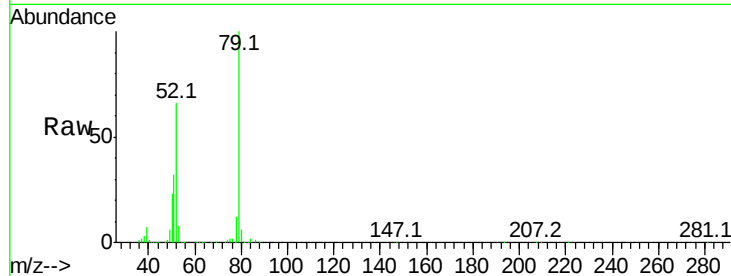
#3
 Pvridine
 Concen: 39.22 ng
 RT: 3.26 min Scan# 103
 Delta R.T. 0.01 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion: 79 Resp: 1136966
 Ion Ratio Lower Upper
 79 100
 52 66.5 55.4 83.2
 51 31.8 28.1 42.1

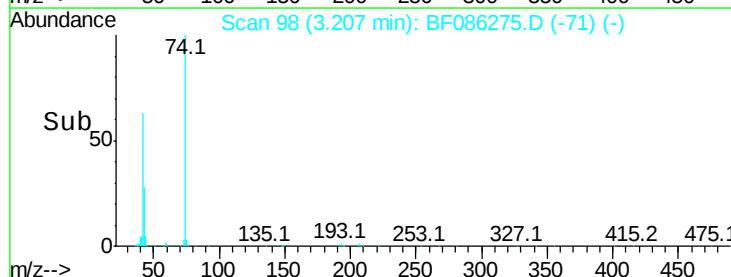
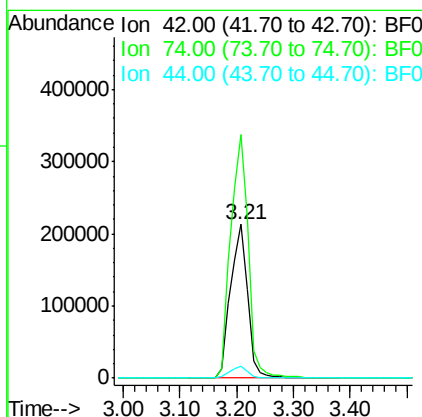
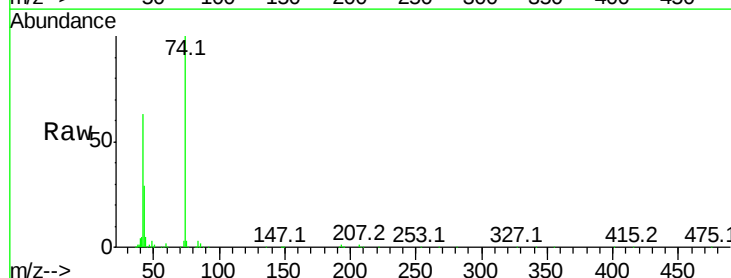
Manual Integrations
 APPROVED

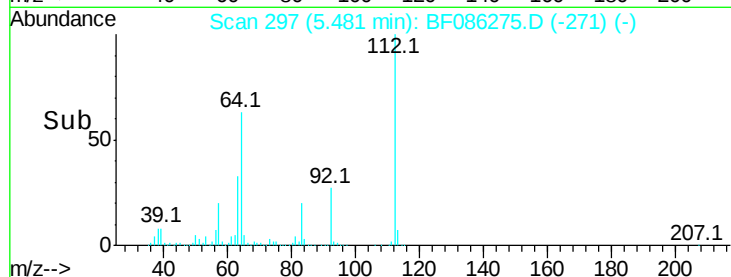
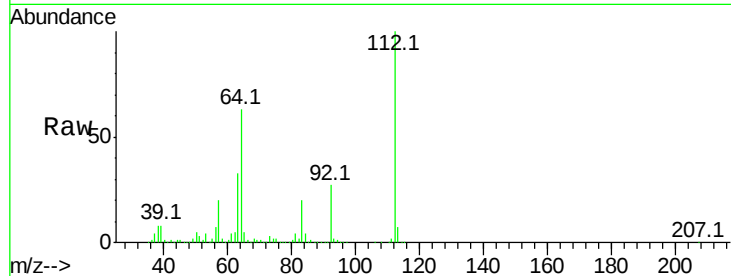
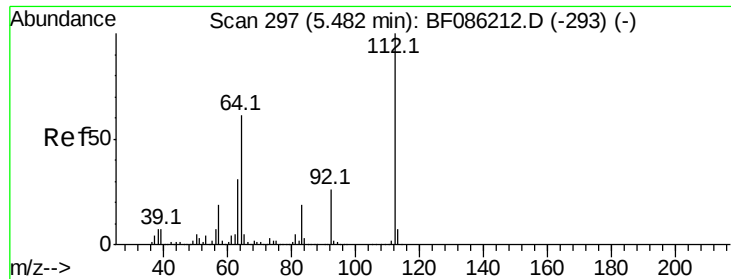
Sohil
 4/19/2016 6:21:27 PM



#4
 n-Nitrosodimethylamine
 Concen: 43.08 ng
 RT: 3.21 min Scan# 98
 Delta R.T. 0.01 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Tgt Ion: 42 Resp: 451141
 Ion Ratio Lower Upper
 42 100
 74 158.4 100.5 150.7#
 44 7.6 5.4 8.0





#5

2-Fluorophenol

Concen: 71.96 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086275.D

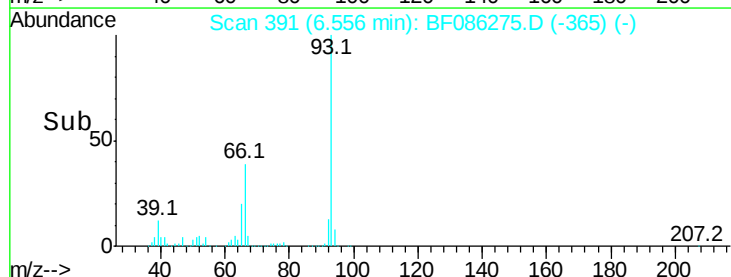
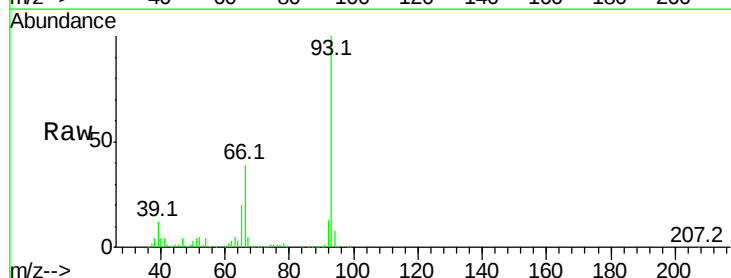
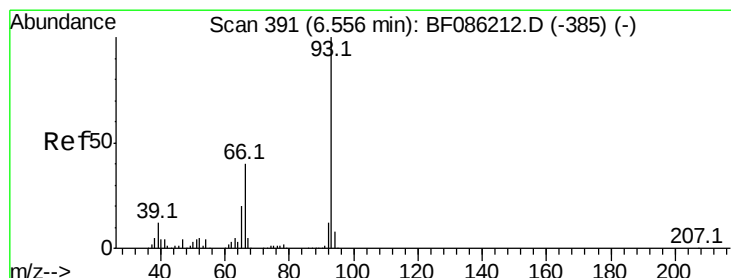
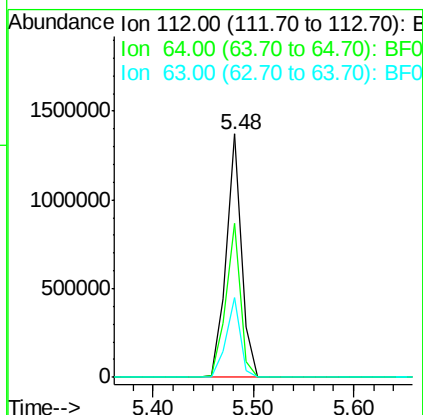
Acq: 18 Apr 2016 11:54

Tot Ion:	112	Resp:	1450410
Ion	Ratio	Lower	Upper
112	100		
64	63.4	48.1	72.1
63	32.6	25.5	38.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM



#6

Aniline

Concen: 40.94 ng

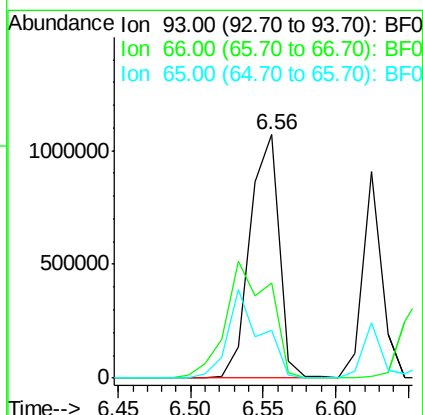
RT: 6.56 min Scan# 391

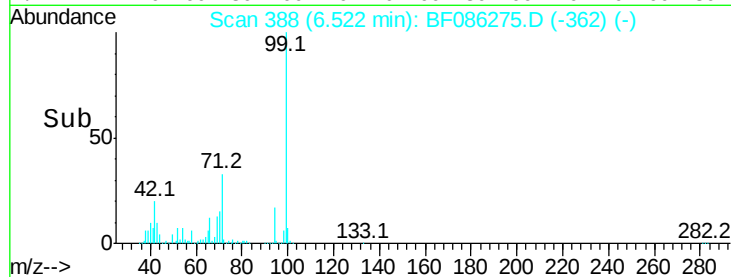
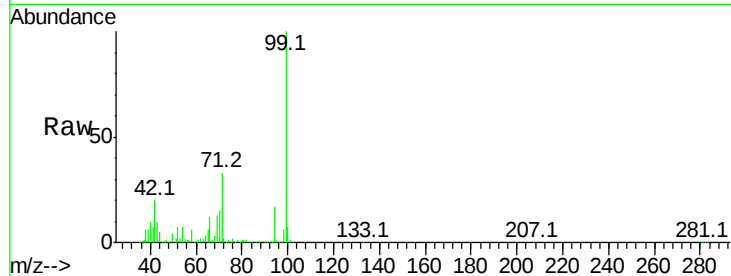
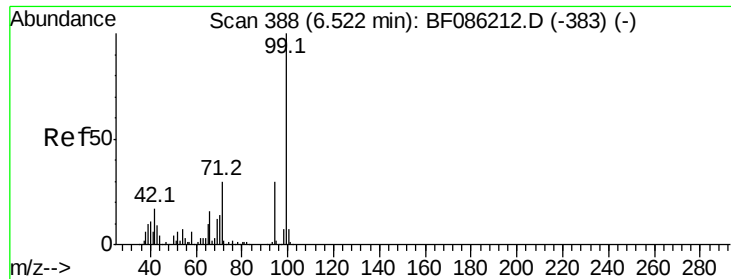
Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion:	93	Resp:	1487866
Ion	Ratio	Lower	Upper
93	100		
66	39.1	32.2	48.2
65	19.6	16.4	24.6





#7

Phenol-d6

Concen: 77.81 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tot Ion: 99 Resp: 1961784

Ion Ratio Lower Upper

99 100

42 20.2 15.4 23.2

71 32.7 25.6 38.4

Instrument :

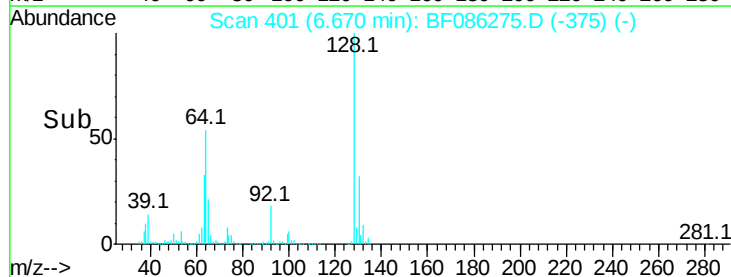
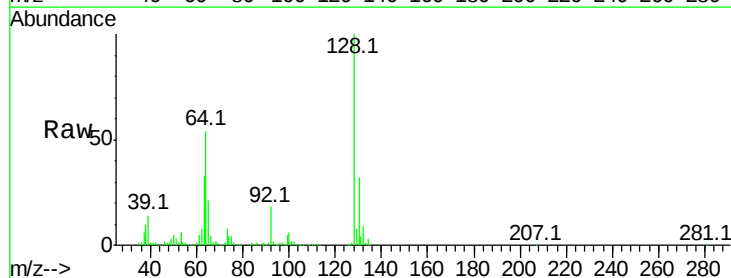
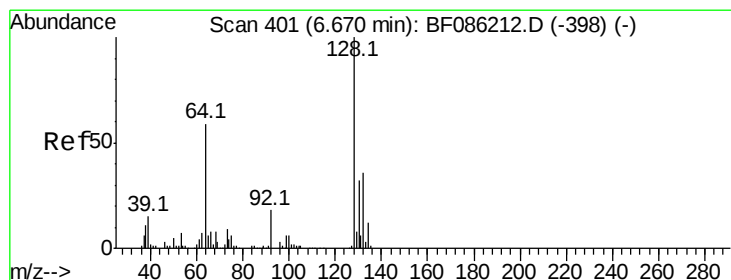
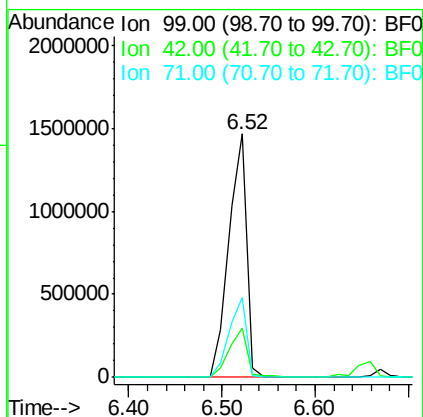
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM



#8

2-Chlorophenol

Concen: 37.79 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

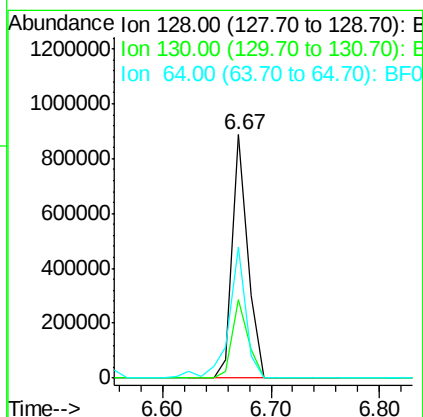
Tgt Ion:128 Resp: 861709

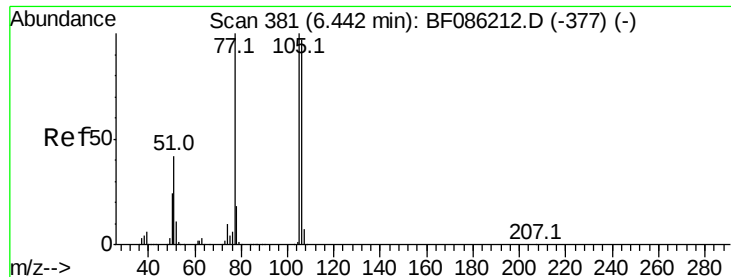
Ion Ratio Lower Upper

128 100

130 32.2 11.8 51.8

64 53.7 39.5 79.5





#9

Benzaldehyde

Concen: 38.31 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

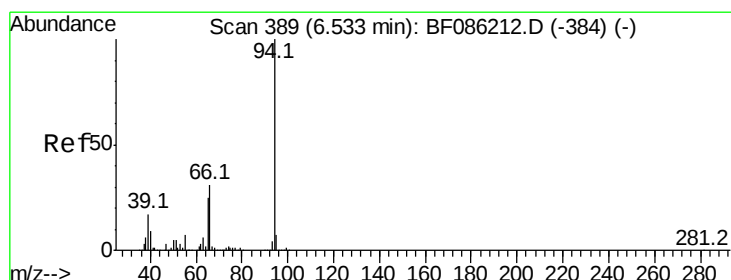
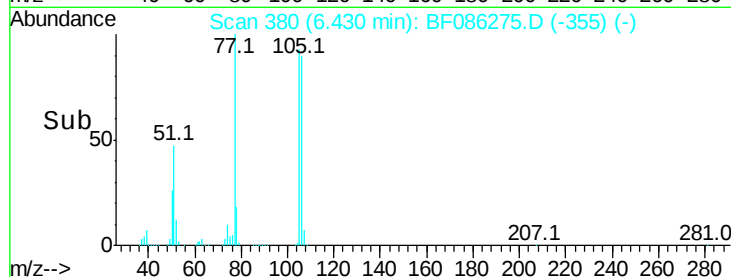
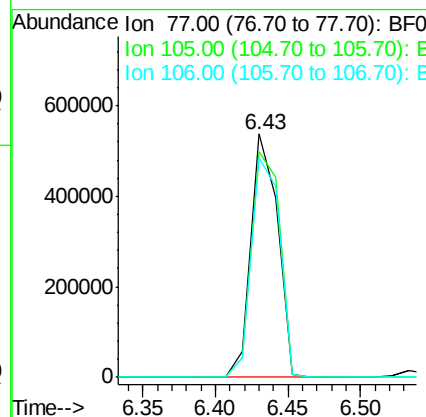
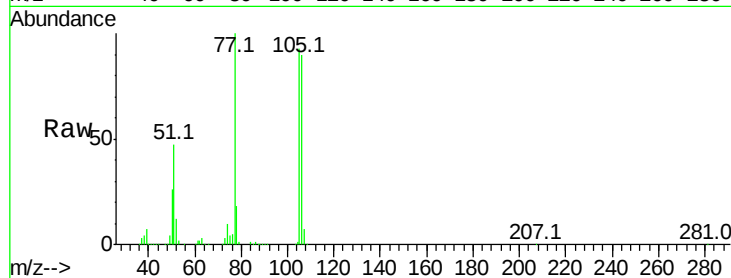
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	685206
Ion Ratio	Lower	Upper	
77	100		
105	92.6	84.6	124.6
106	89.9	78.6	118.6

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM



#10

Phenol

Concen: 40.55 ng

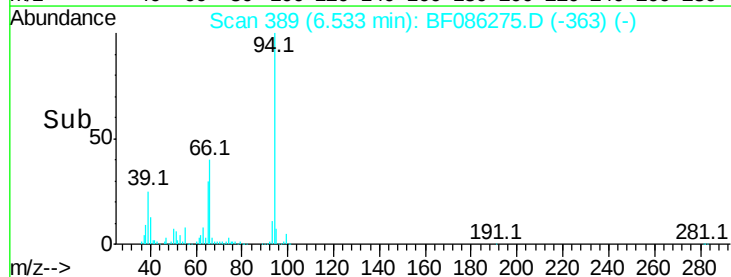
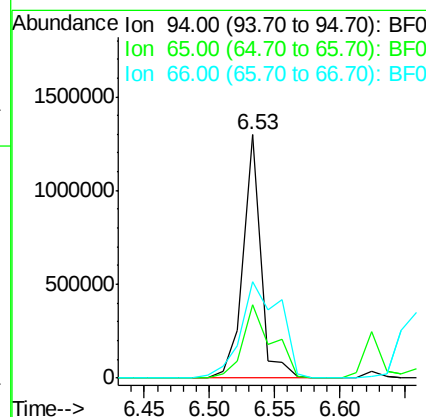
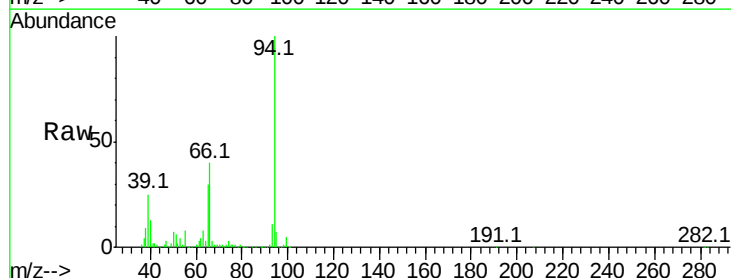
RT: 6.53 min Scan# 389

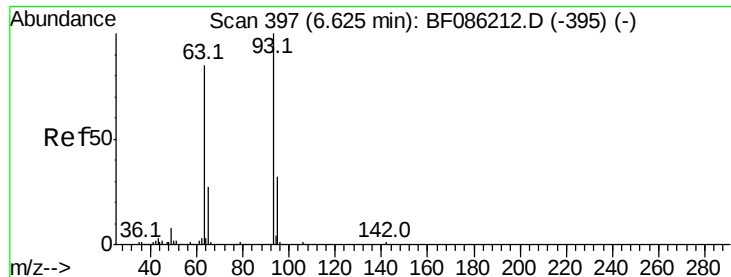
Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion:	94	Resp:	1217433
Ion Ratio	Lower	Upper	
94	100		
65	29.9	7.9	47.9
66	39.8	16.5	56.5





#11

bis(2-Chloroethyl)ether

Concen: 36.54 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

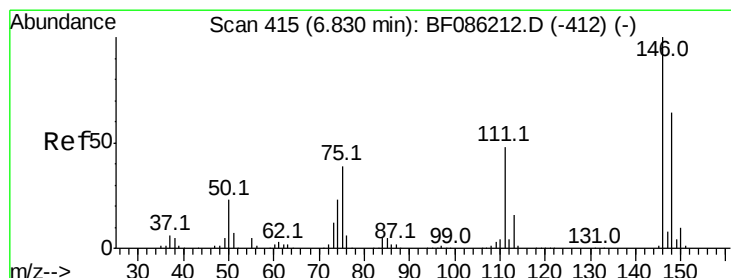
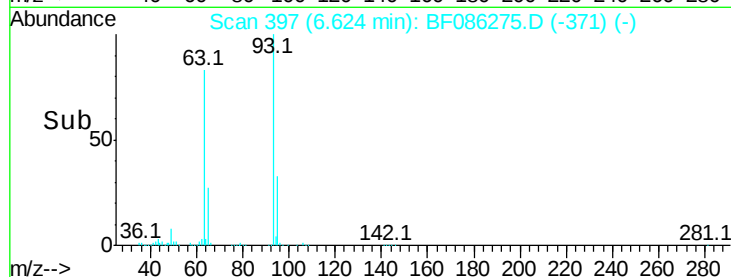
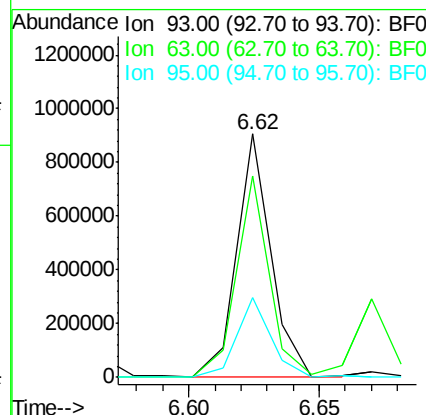
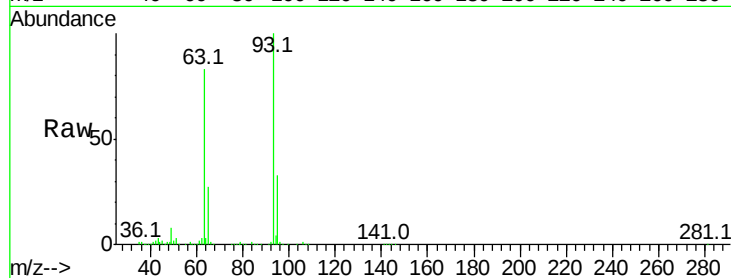
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	825341
Ion Ratio	Lower	Upper	
93	100		
63	82.6	44.4	84.4
95	33.0	13.1	53.1

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM



#12

1,3-Dichlorobenzene

Concen: 38.41 ng

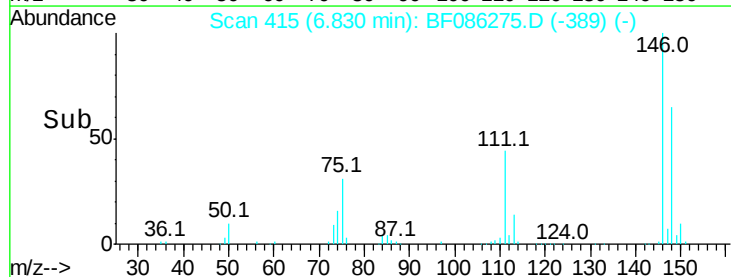
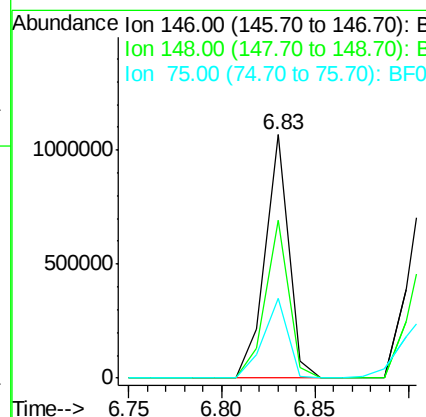
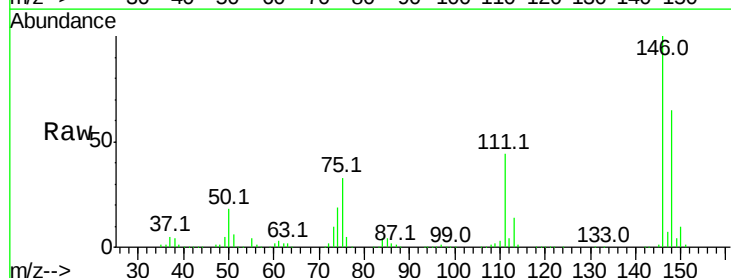
RT: 6.83 min Scan# 415

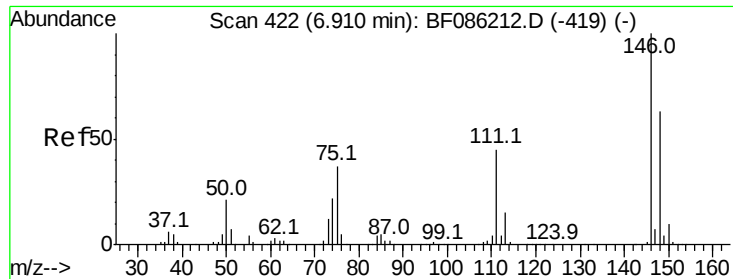
Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion:	146	Resp:	929305
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.0	76.4
75	32.8	29.9	44.9





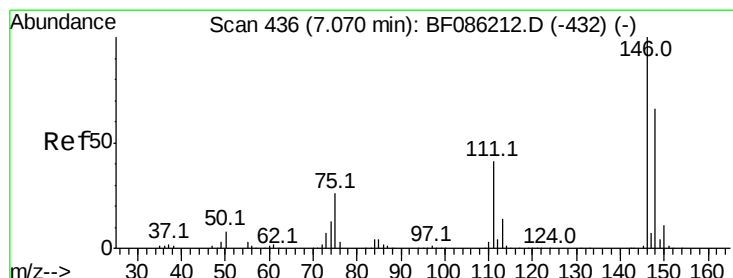
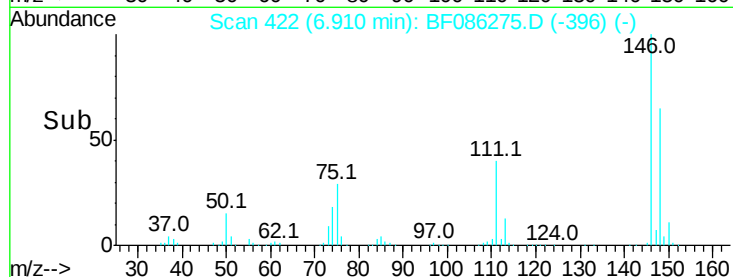
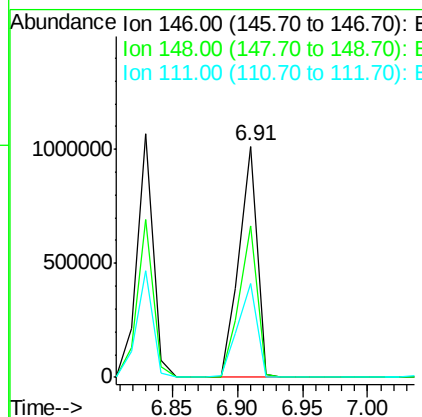
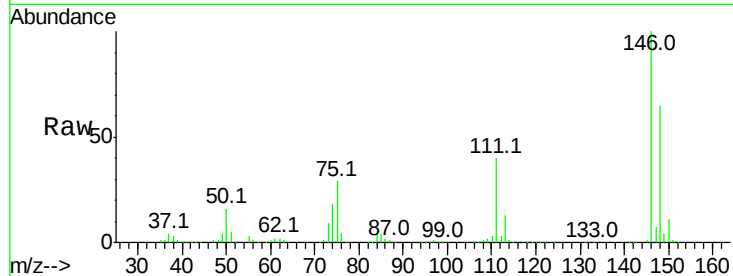
#13
 1,4-Dichlorobenzene
 Concen: 42.25 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
146	100	973812		
148	65.5		51.8	77.6
111	40.5		34.9	52.3

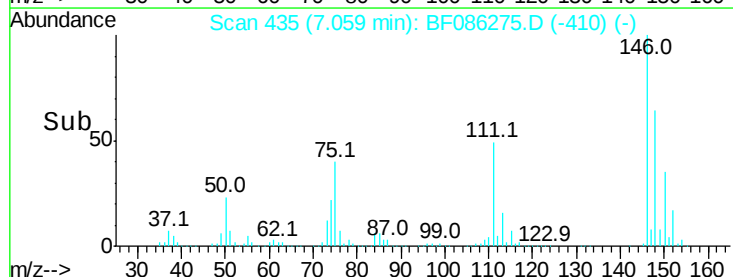
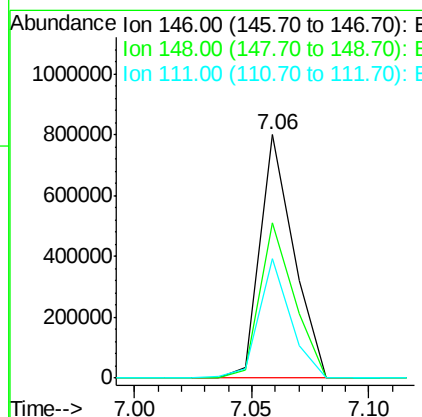
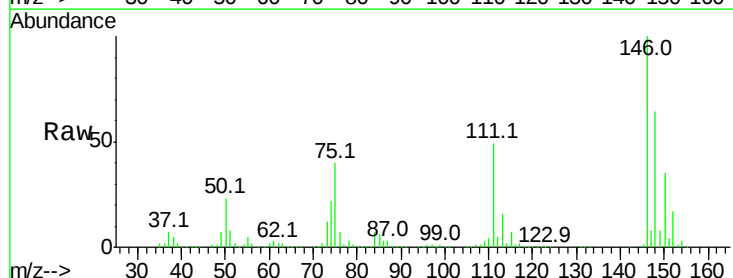
Manual Integrations
 APPROVED

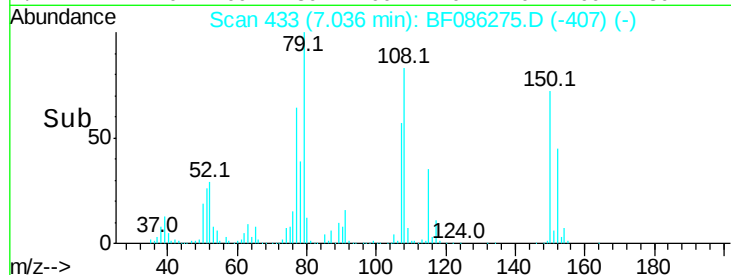
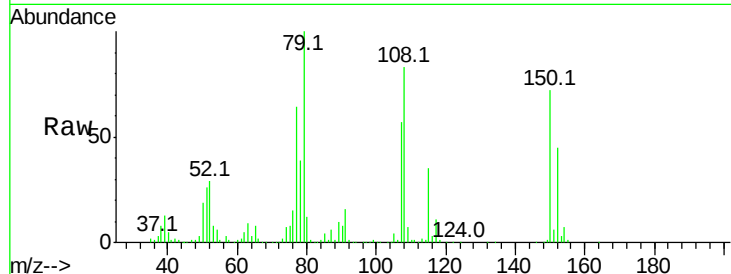
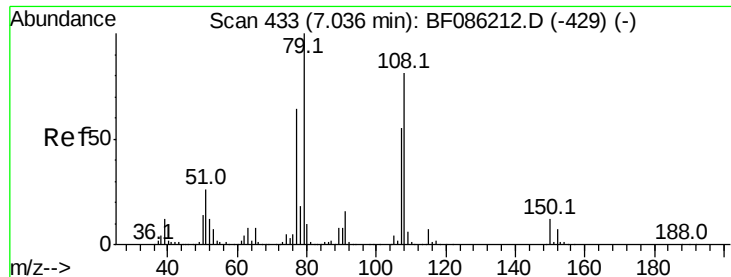
Sohil
 4/19/2016 6:21:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.83 ng m
 RT: 7.06 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	794388		
148	63.8		52.2	78.2
111	48.9		31.0	46.4#





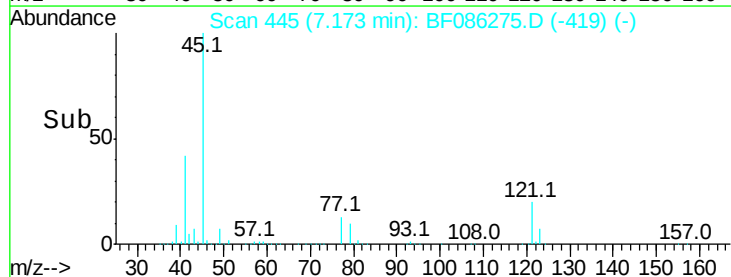
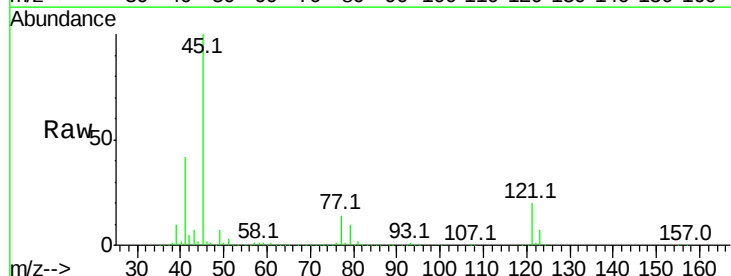
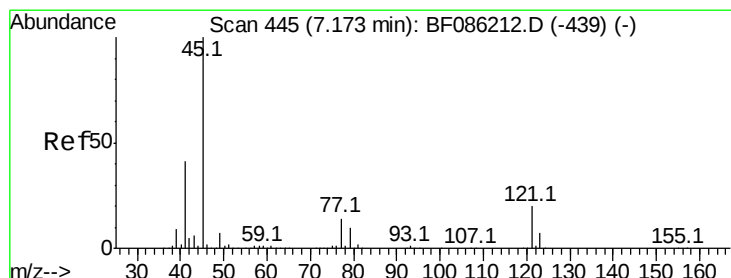
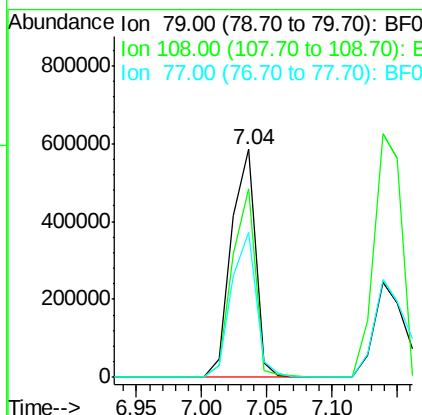
#15
Benzyl Alcohol
Concen: 41.88 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	82.8	64.8	97.2	
77	63.6	51.9	77.9	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

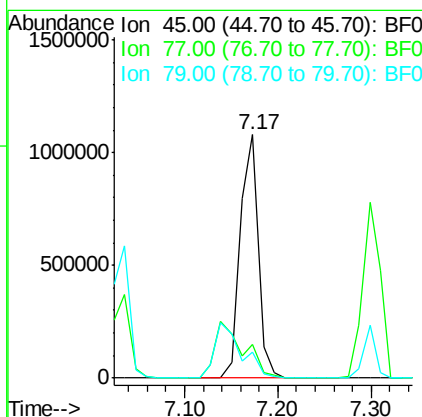
Manual Integrations
APPROVED

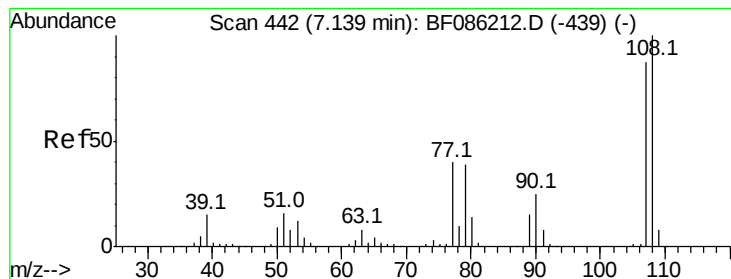
Sohil
4/19/2016 6:21:27 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.10 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.7	0.0	33.7	
79	10.5	0.0	30.1	





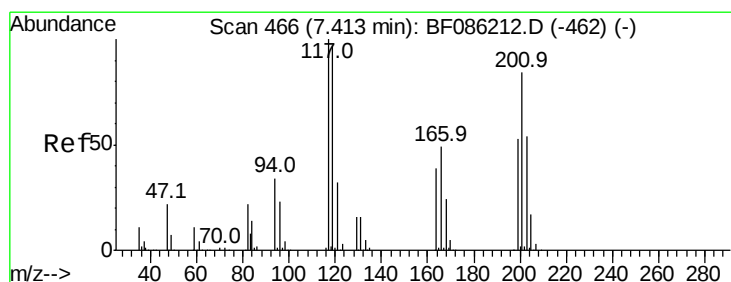
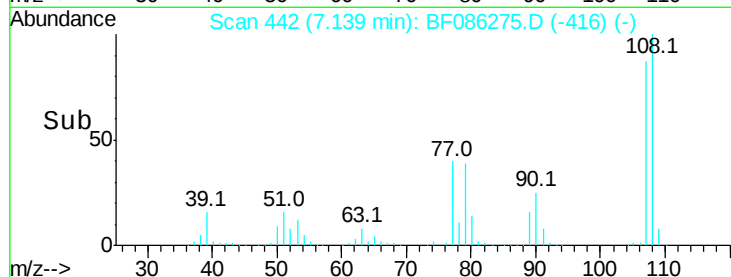
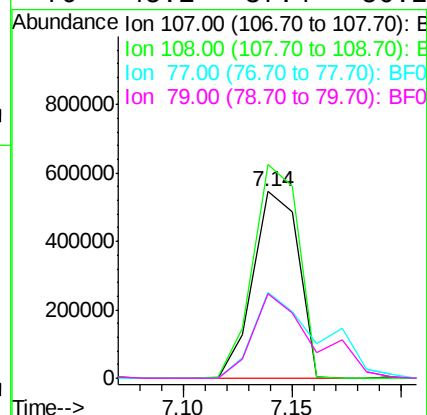
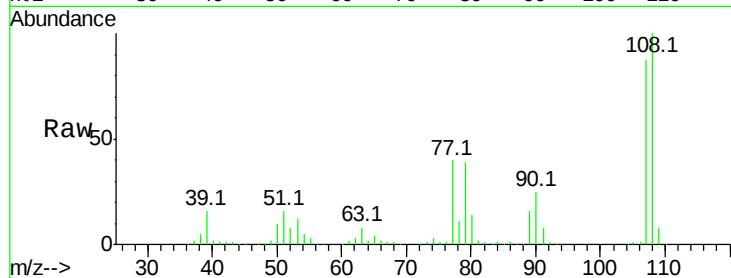
#17
2-Methylphenol
Concen: 41.99 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	797836		
108	114.6		92.7	139.1
77	46.0		39.6	59.4
79	45.1		37.4	56.2

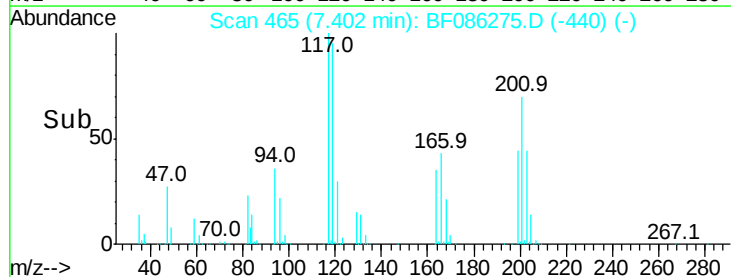
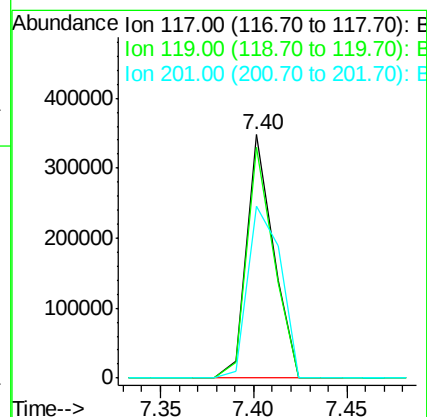
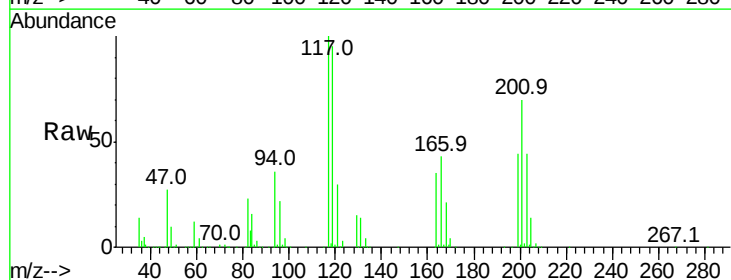
Manual Integrations
APPROVED

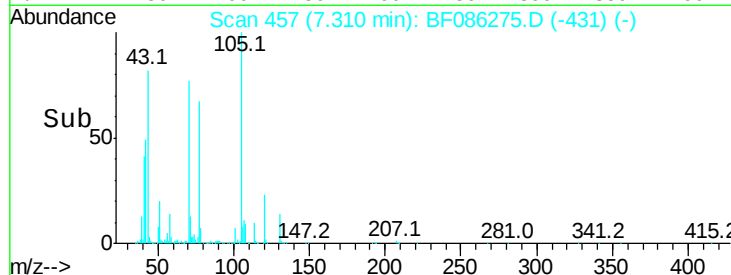
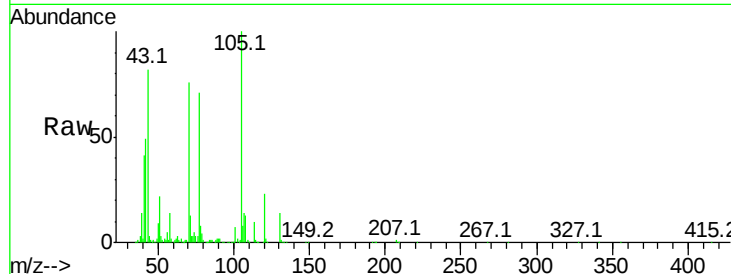
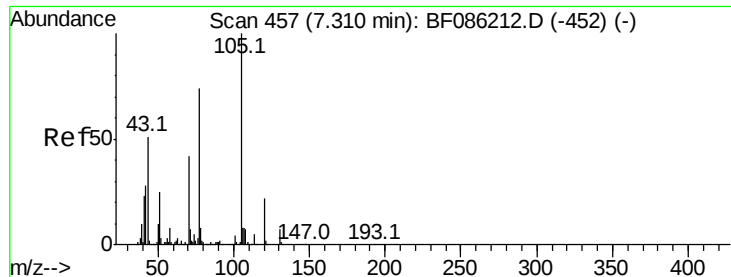
Sohil
4/19/2016 6:21:27 PM



#18
Hexachloroethane
Concen: 40.33 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	350663		
119	94.9		78.2	117.4
201	70.5		75.7	113.5#





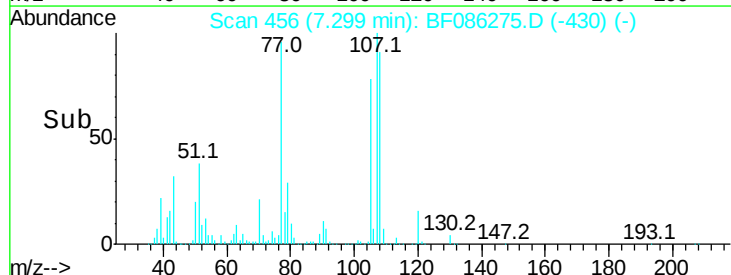
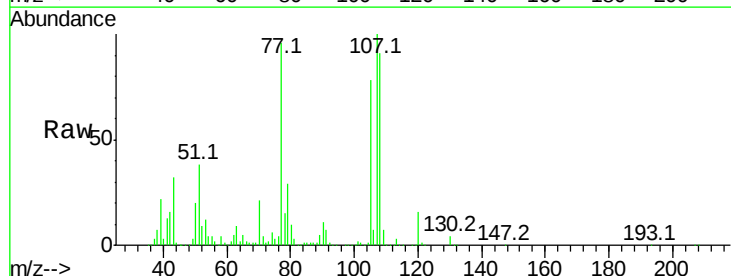
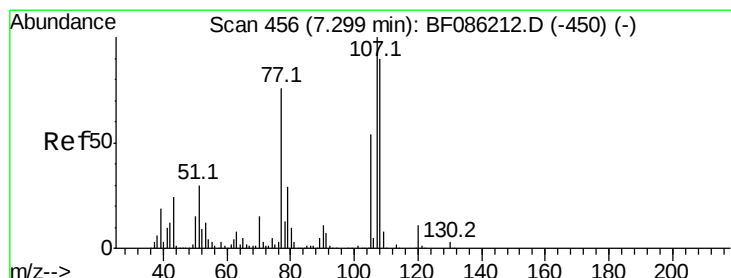
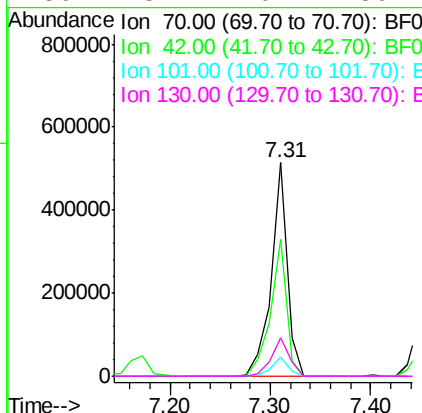
#19
n-Nitroso-di-n-propylamine
Concen: 35.34 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	43.0	64.4
101	8.8	8.1	12.1
130	18.2	20.1	30.1#

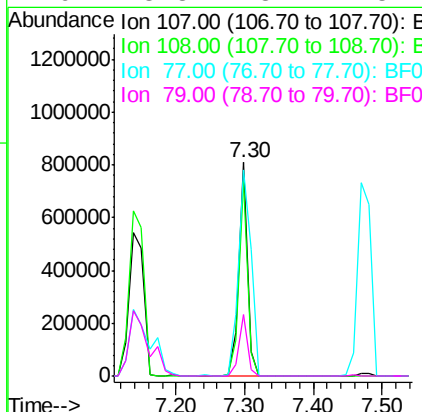
Manual Integrations
APPROVED

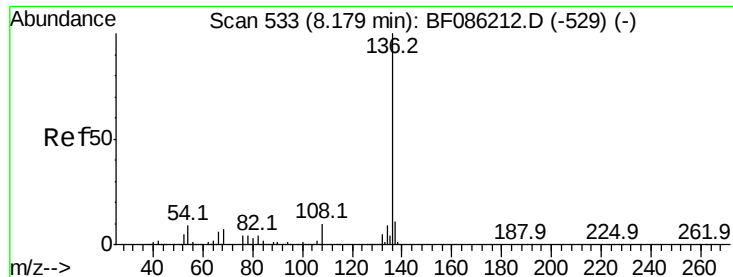
Sohil
4/19/2016 6:21:27 PM



#20
3+4-Methylphenols
Concen: 34.99 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.7	109.7
77	96.5	60.5	100.5
79	28.8	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1408835

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

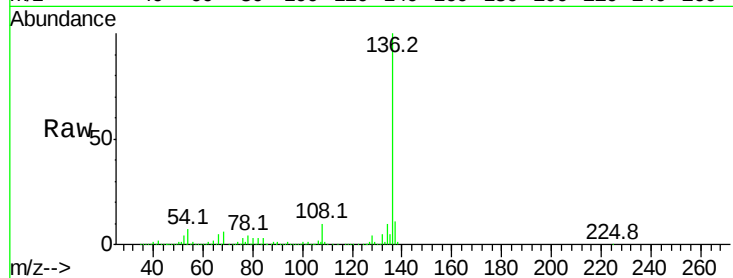
54 7.4 7.3 10.9

68 6.1 5.7 8.5

Manual Integrations
APPROVED

Sohil

4/19/2016 6:21:27 PM

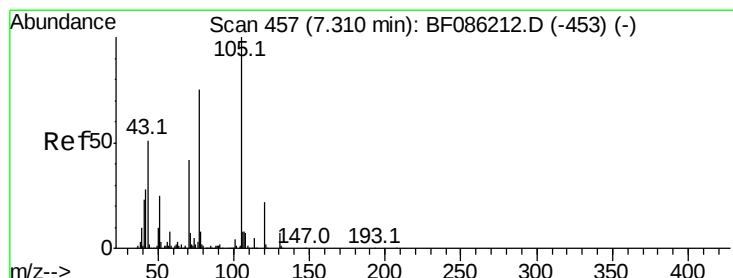
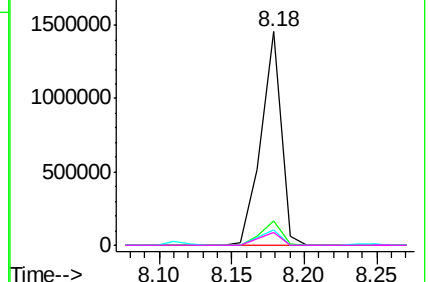
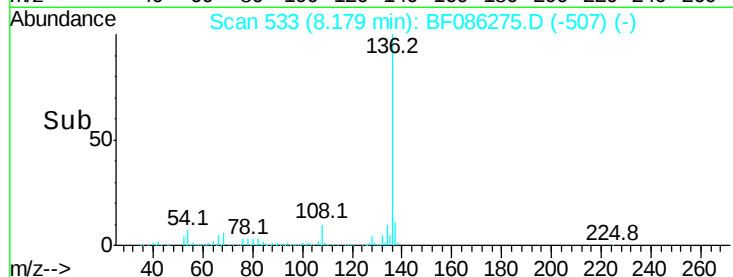


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.83 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion:105 Resp: 1053051

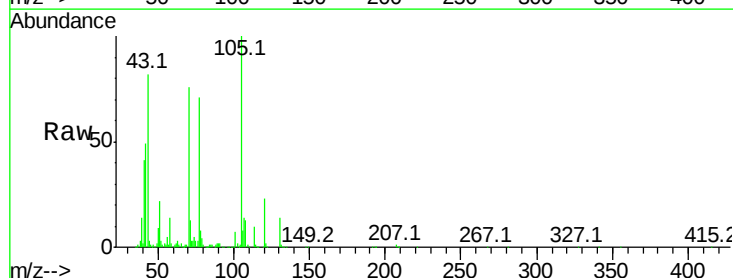
Ion Ratio Lower Upper

105 100

71 13.0 4.0 6.0#

51 21.7 22.0 33.0#

120 23.1 17.5 26.3

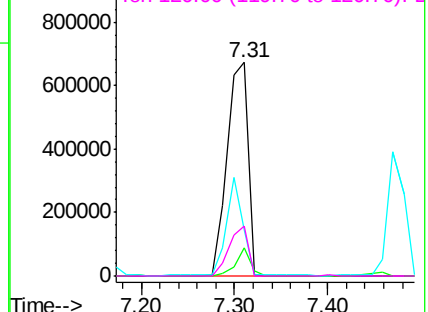
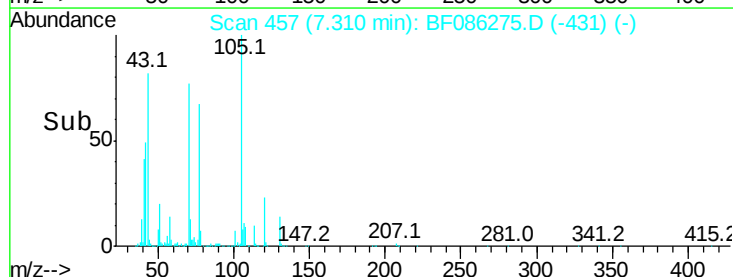


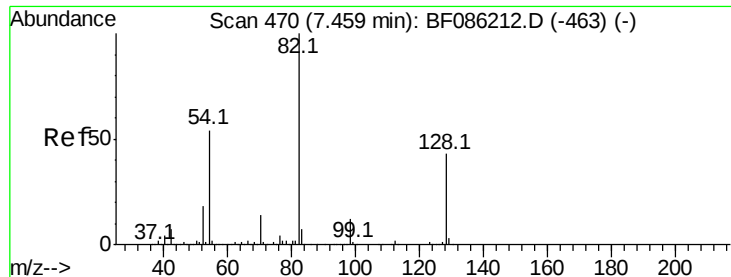
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.92 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1903236

Ion Ratio Lower Upper

82 100

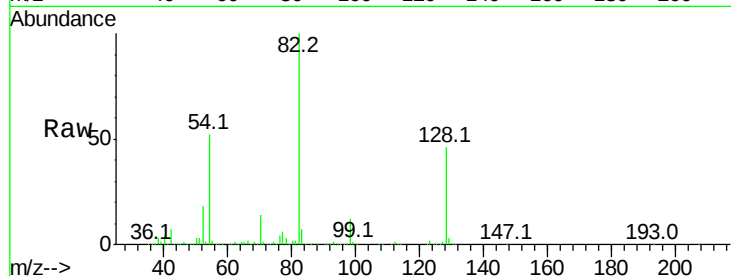
128 45.9 35.4 53.2

54 52.4 43.4 65.0

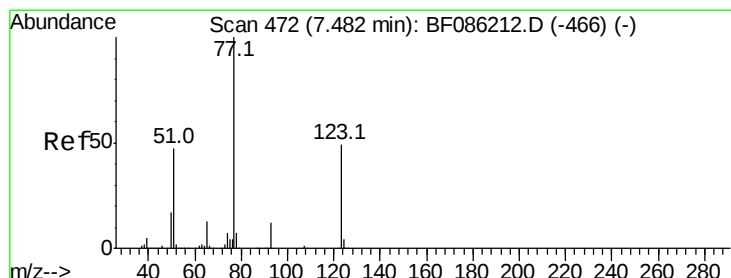
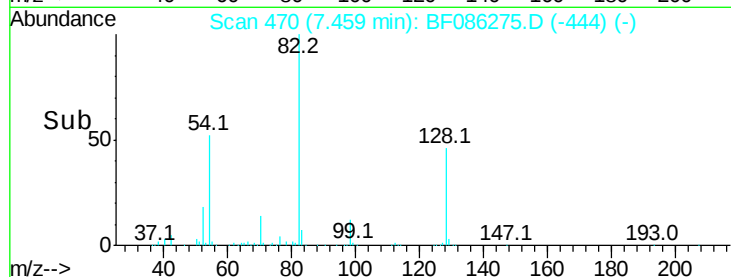
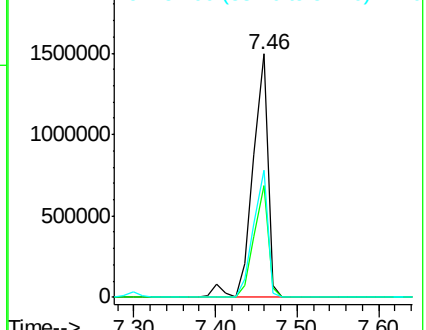
Manual Integrations
APPROVED

Sohil

4/19/2016 6:21:27 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.92 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

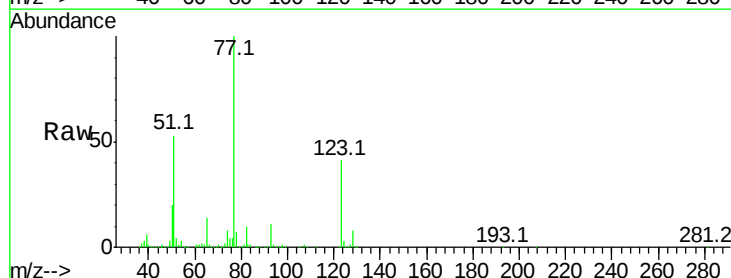
Tgt Ion: 77 Resp: 1012745

Ion Ratio Lower Upper

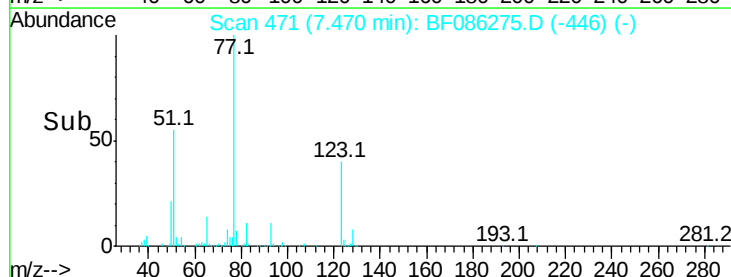
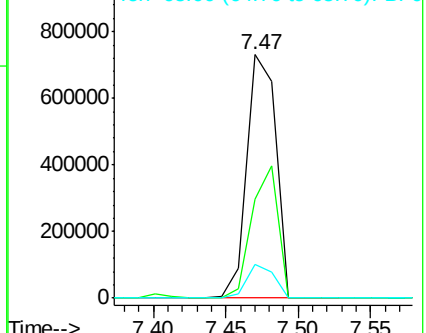
77 100

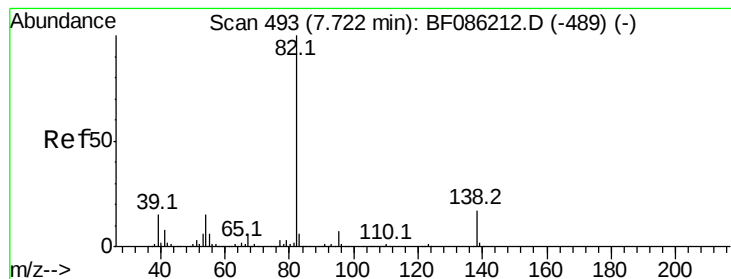
123 40.9 38.3 57.5

65 13.9 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.92 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1886410

Ion Ratio Lower Upper

82 100

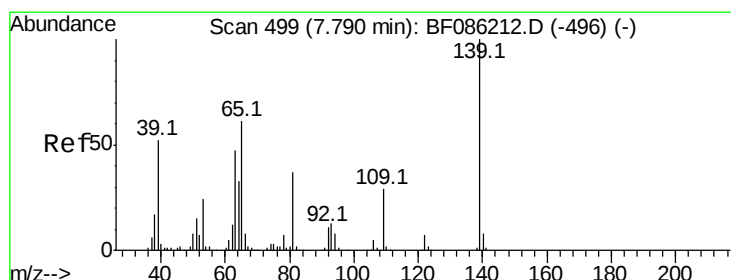
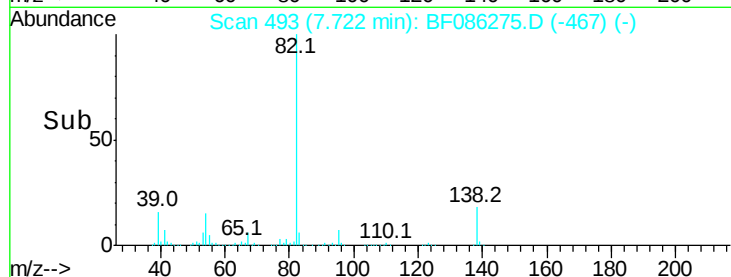
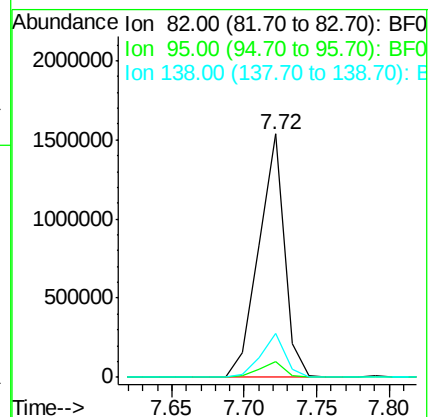
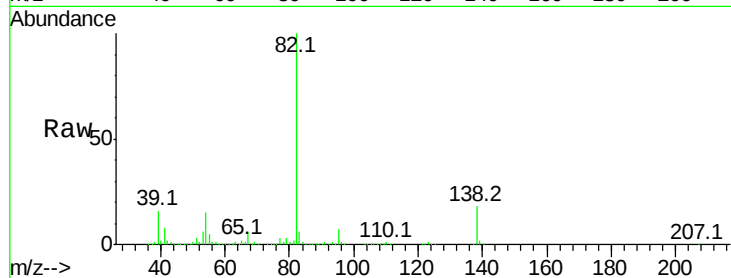
95 6.7 5.4 8.2

138 18.0 13.4 20.2

Manual Integrations
APPROVED

Sohil

4/19/2016 6:21:27 PM



#26

2-Nitrophenol

Concen: 42.55 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

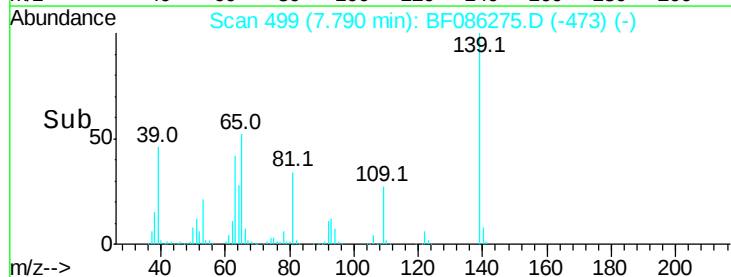
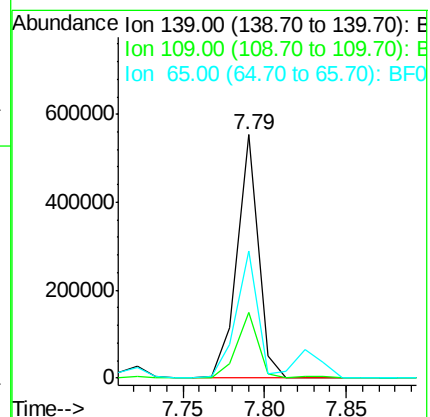
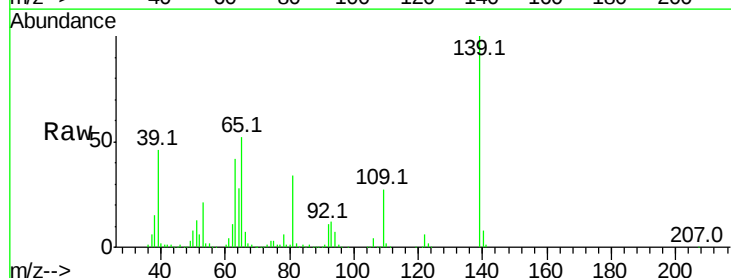
Tgt Ion: 139 Resp: 495496

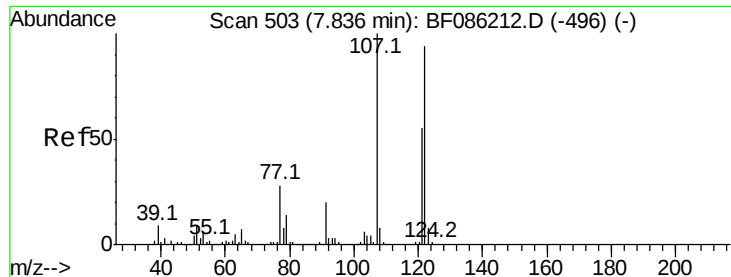
Ion Ratio Lower Upper

139 100

109 27.0 25.8 38.8

65 52.1 50.2 75.2





#27

2,4-Dimethylphenol

Concen: 38.23 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

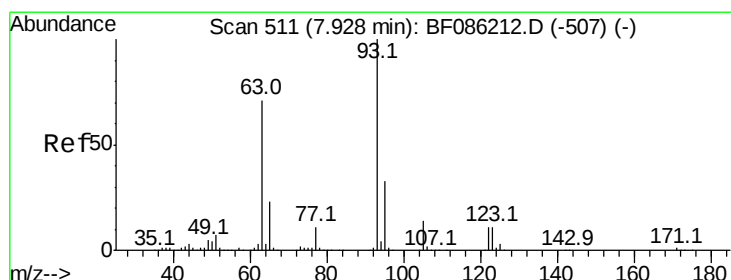
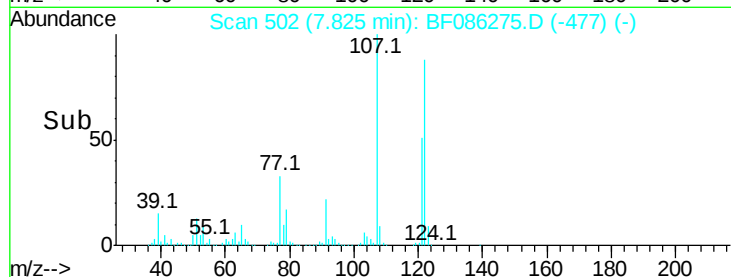
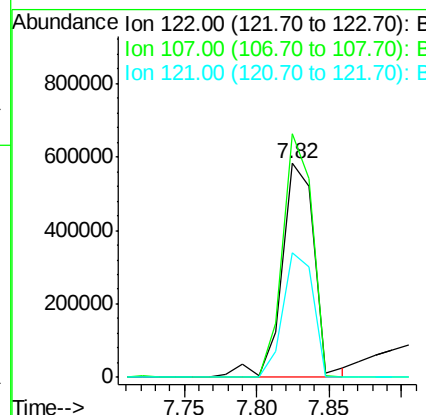
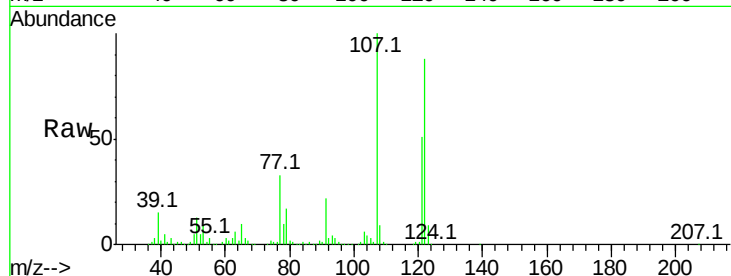
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	898972
Ion Ratio	Lower	Upper	
122	100		
107	113.9	85.8	128.6
121	58.2	47.1	70.7

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM



#28

bis(2-Chloroethoxy)methane

Concen: 36.11 ng

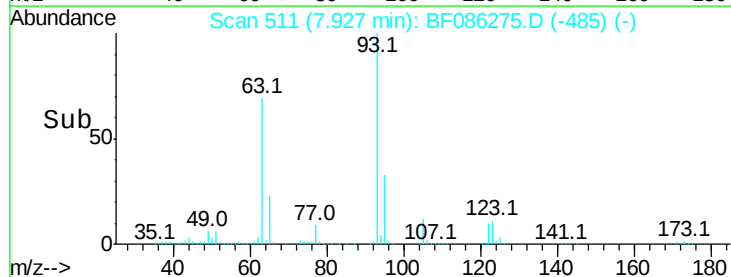
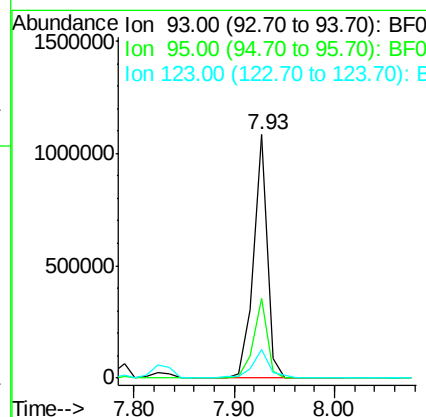
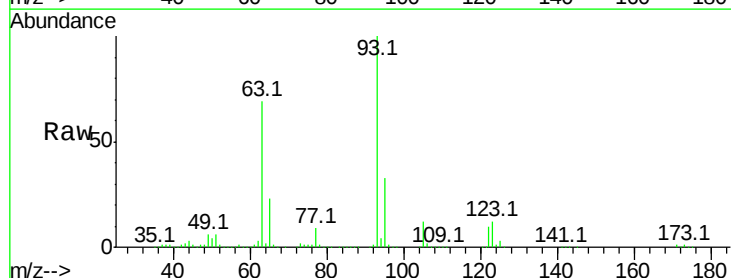
RT: 7.93 min Scan# 511

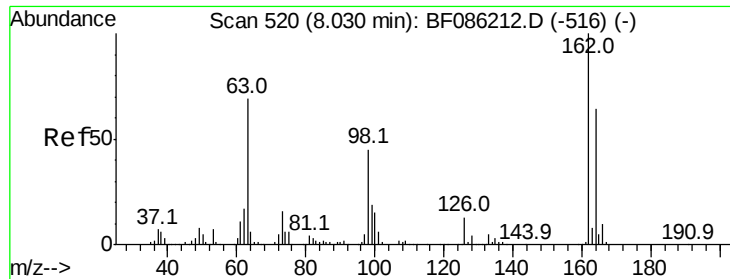
Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion:	93	Resp:	1028877
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.8
123	11.6	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 38.52 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

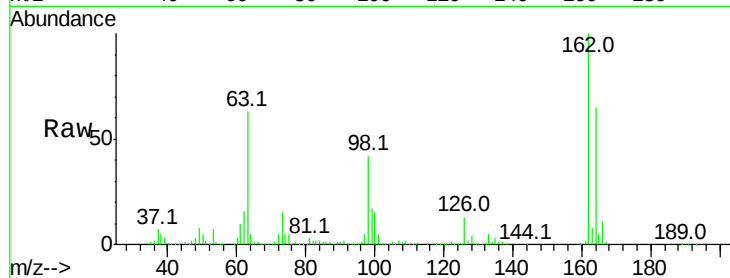
ClientSampleId :

SSTDCCC040

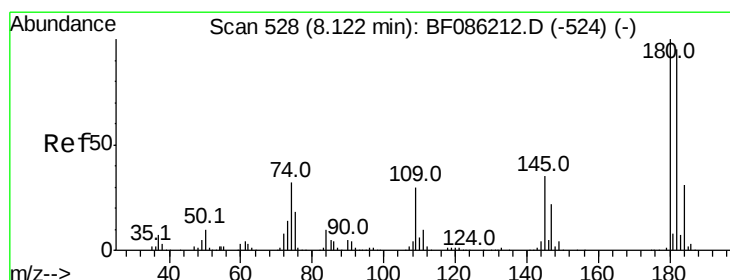
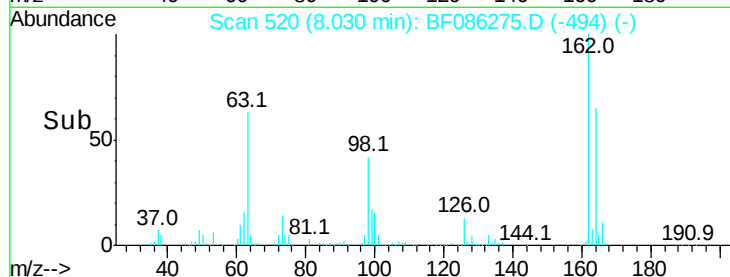
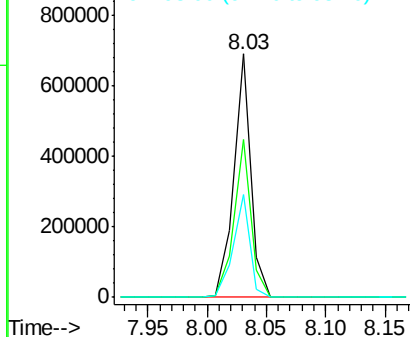
Tot Ion:	162	Resp:	688616
Ion Ratio	Lower	Upper	
162	100		
164	64.9	43.3	83.3
98	42.5	22.9	62.9

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 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: 39.84 ng

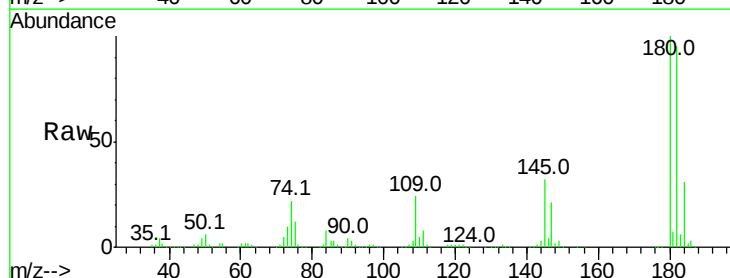
RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

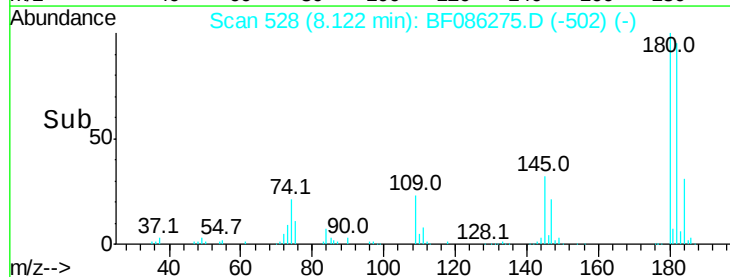
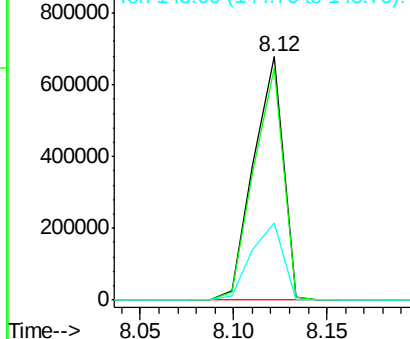
Lab File: BF086275.D

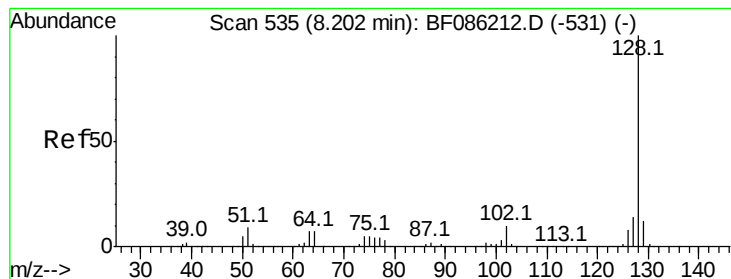
Acq: 18 Apr 2016 11:54

Tgt Ion:	180	Resp:	745423
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.3	114.5
145	31.9	27.4	41.2



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: 39.98 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2515085

Ion Ratio Lower Upper

128 100

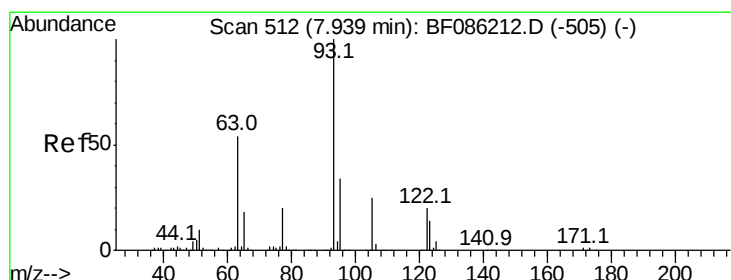
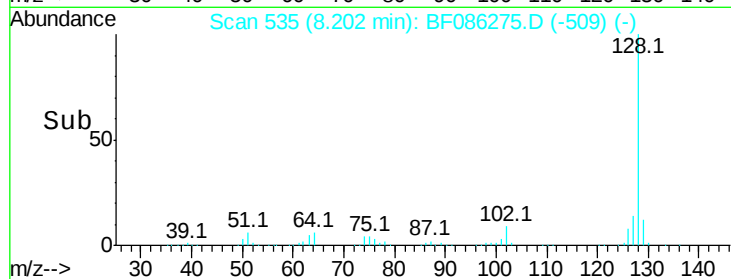
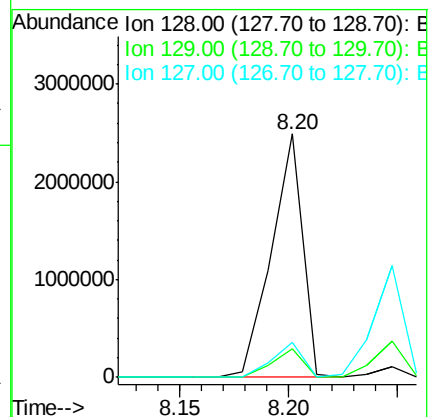
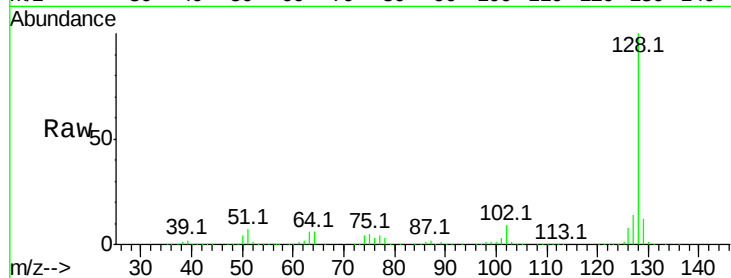
129 11.7 9.6 14.4

127 14.3 11.4 17.2

Manual Integrations
APPROVED

Sohil

4/19/2016 6:21:27 PM



#32

Benzoic acid

Concen: 43.76 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

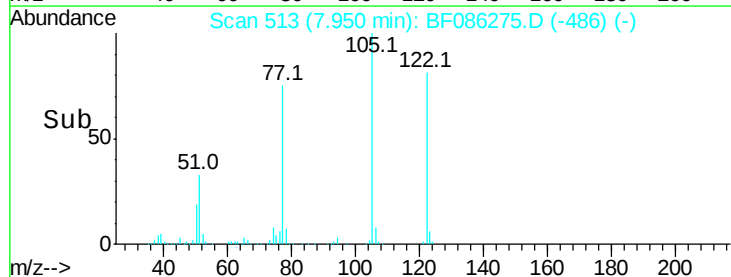
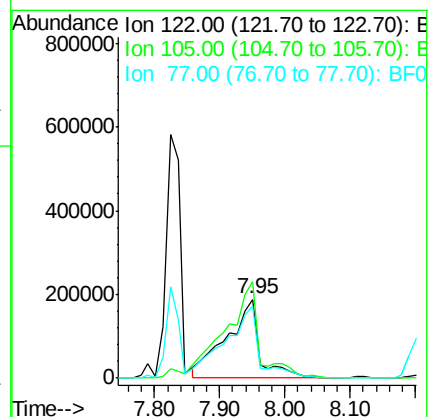
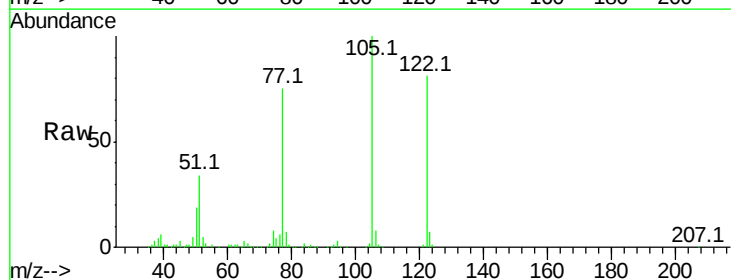
Tgt Ion:122 Resp: 657853

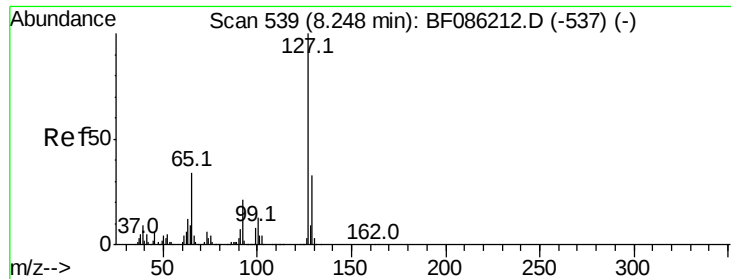
Ion Ratio Lower Upper

122 100

105 122.9 103.7 143.7

77 92.3 74.9 114.9





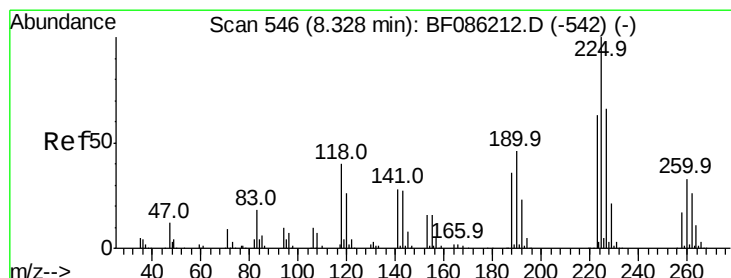
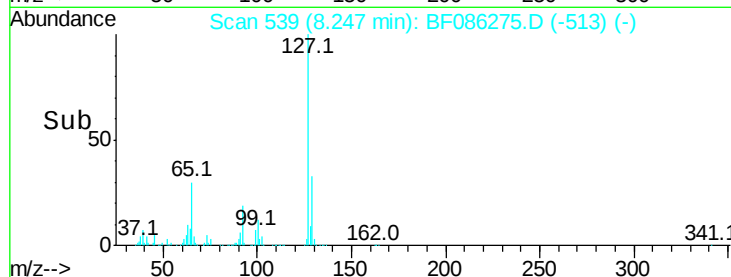
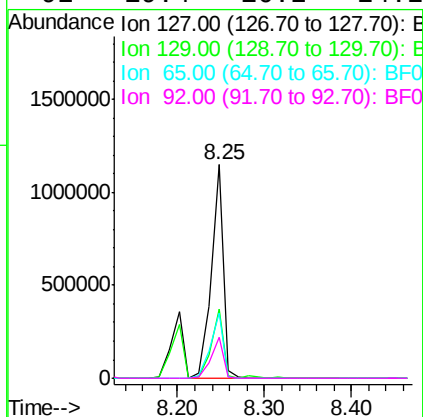
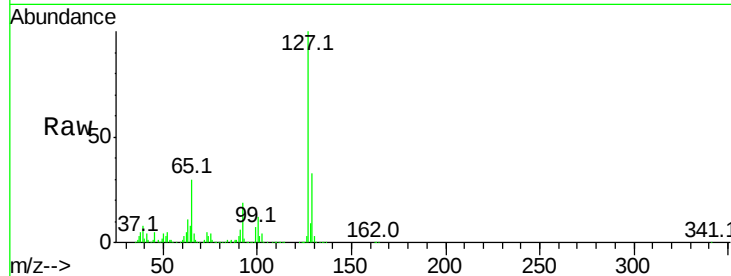
#33
4-Chloroaniline
Concen: 39.37 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.8	40.2		
65	30.4	27.1	40.7		
92	19.4	16.2	24.2		

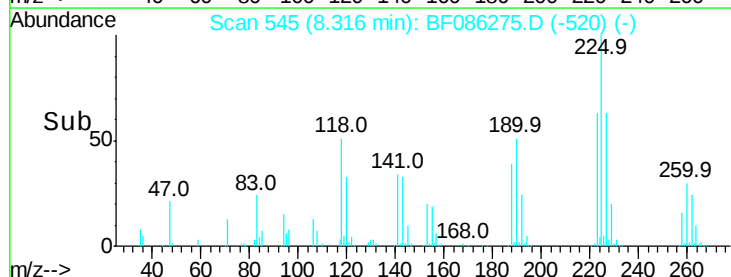
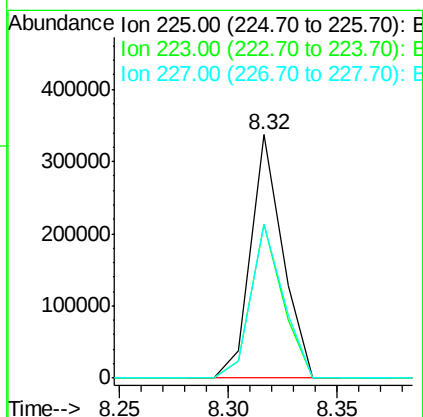
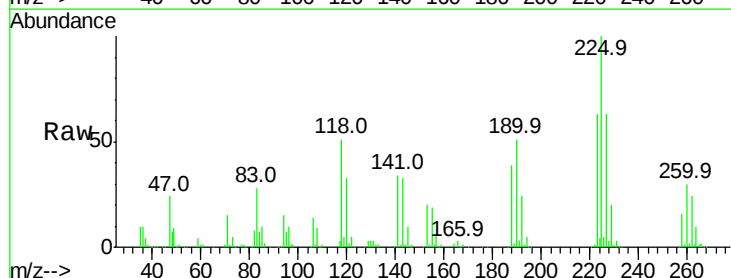
Manual Integrations
APPROVED

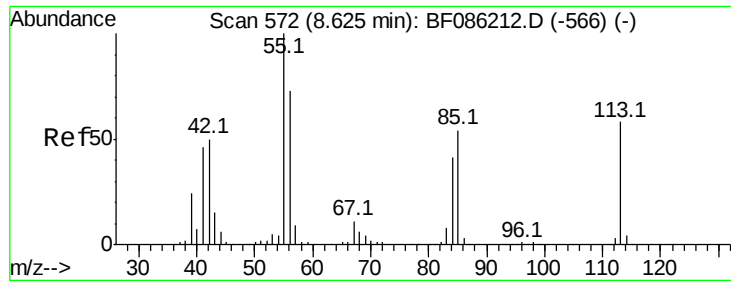
Sohil
4/19/2016 6:21:27 PM



#34
Hexachlorobutadiene
Concen: 36.83 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.4	74.0		
227	63.3	51.1	76.7		





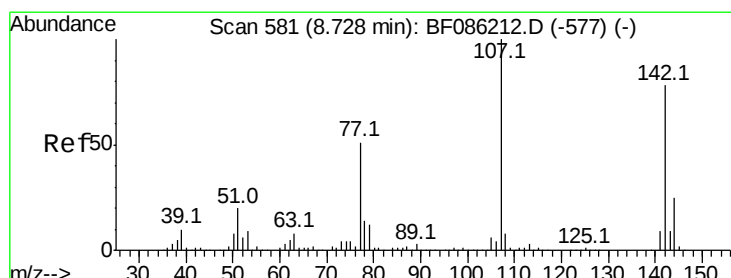
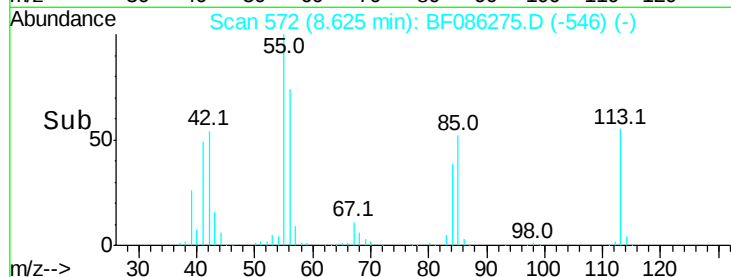
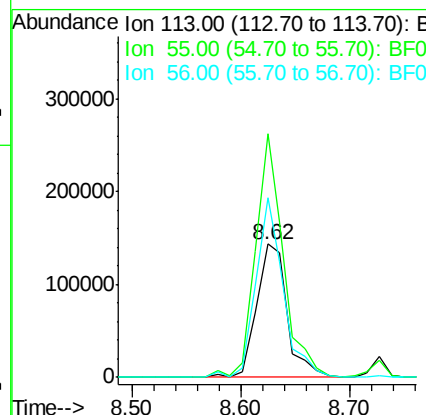
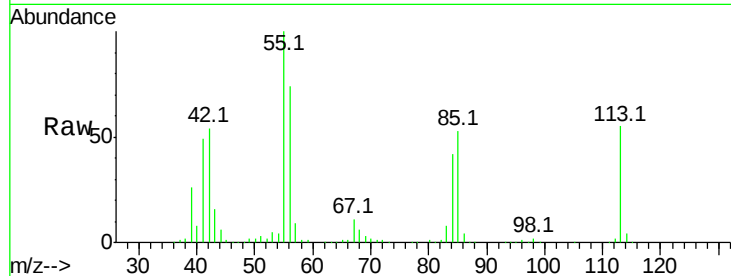
#35
Caprolactam
Concen: 43.38 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	182.8	117.5	157.5#	
56	134.9	82.5	122.5#	

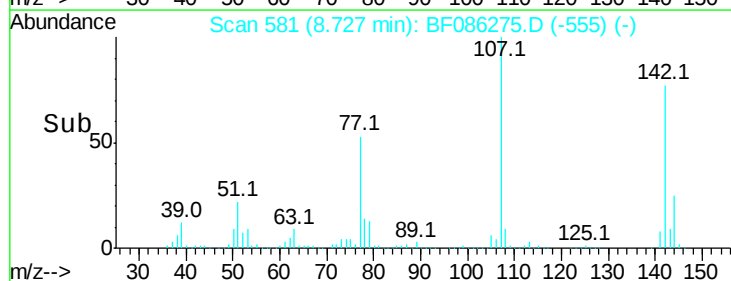
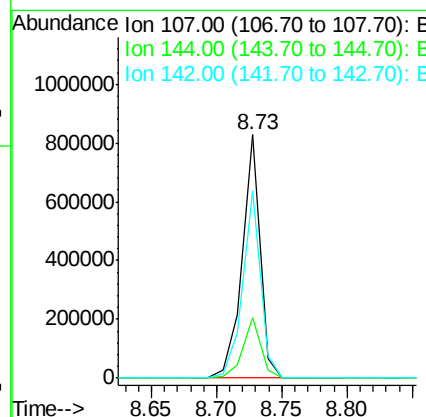
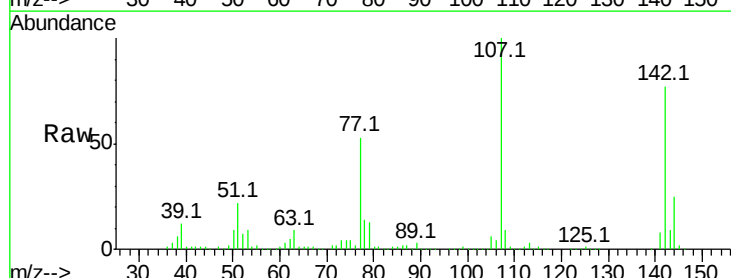
Manual Integrations
APPROVED

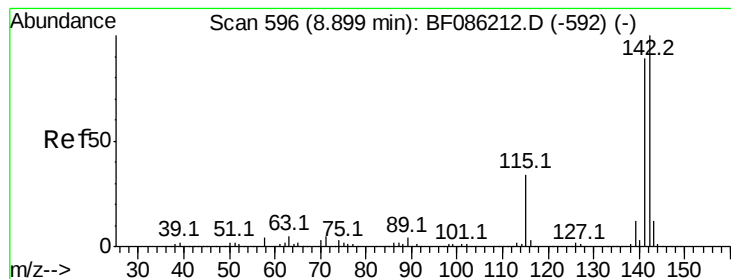
Sohil
4/19/2016 6:21:27 PM



#36
4-Chloro-3-methylphenol
Concen: 37.81 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.9	20.7	31.1	
142	76.7	64.5	96.7	





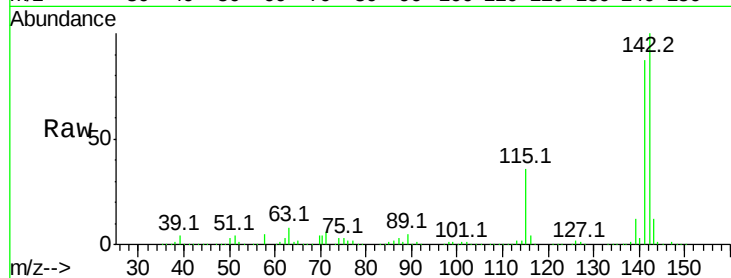
#37
2-Methylnaphthalene
Concen: 36.04 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

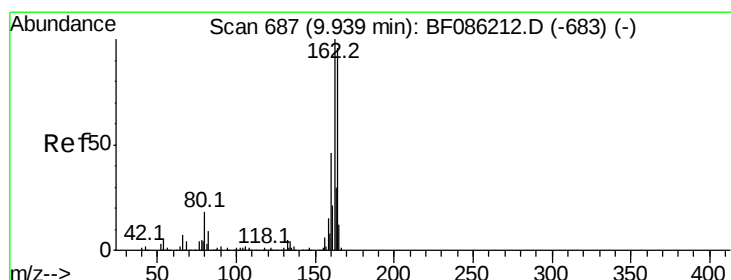
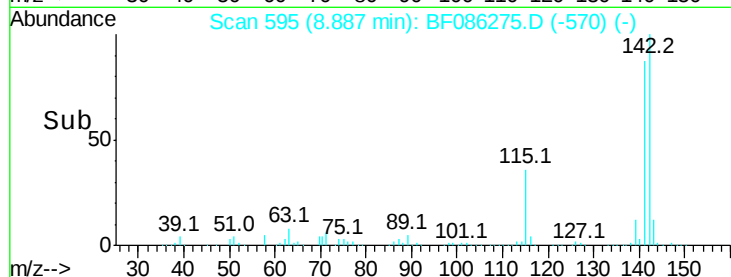
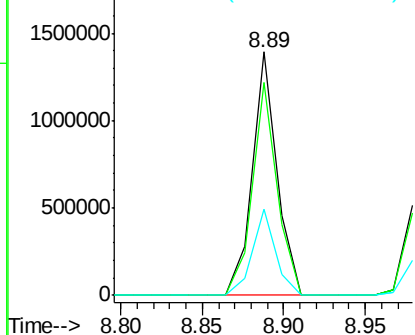
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.1	106.7
115	35.6	25.1	37.7

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM



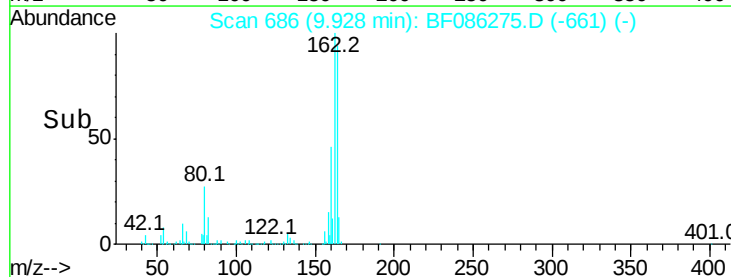
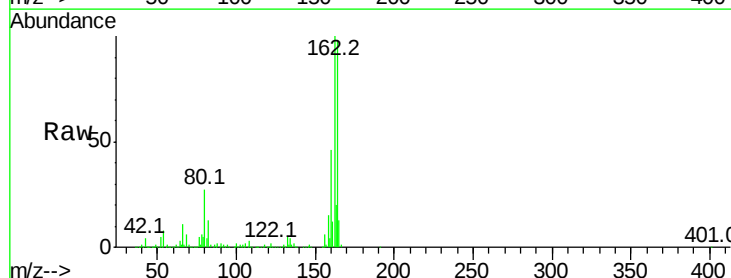
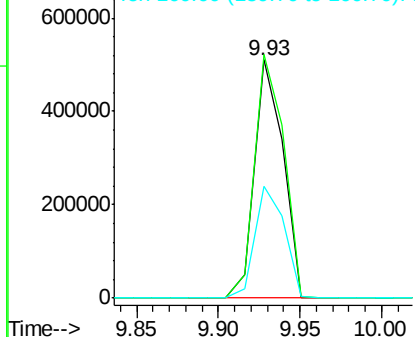
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

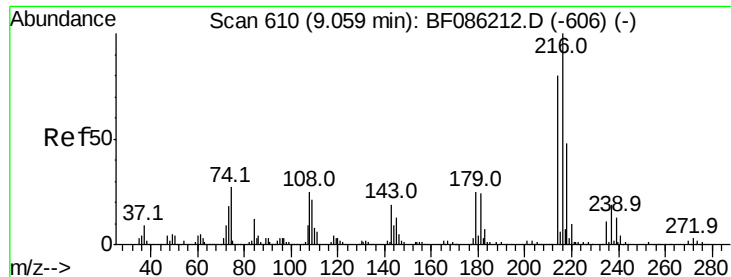


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	46.8	38.9	58.3

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: 47.10 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

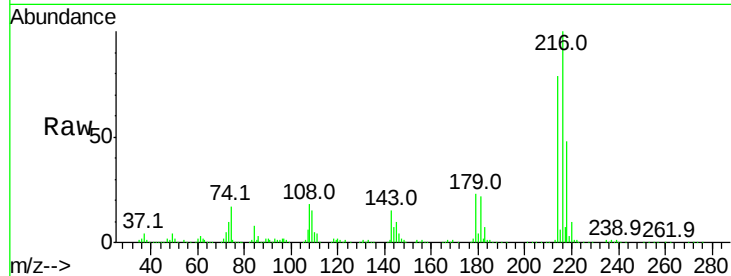
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		612271		
214	79.5		64.9	97.3	
179	23.4		19.8	29.6	
108	24.0		21.0	31.4	

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM

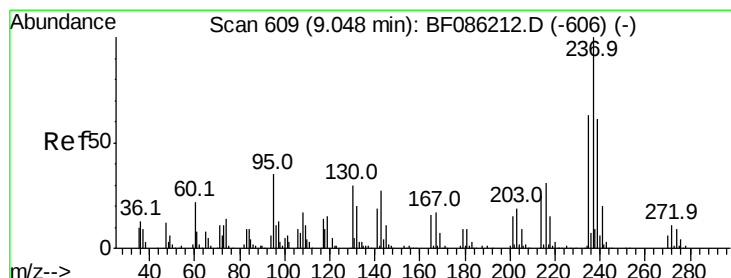
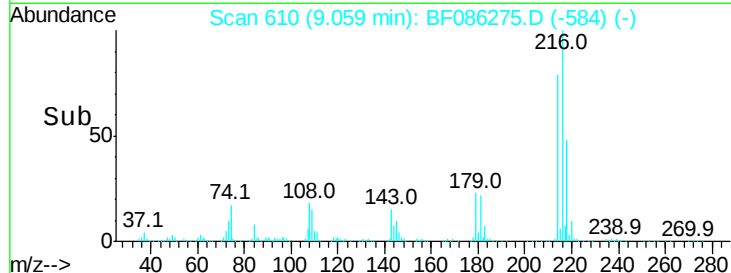
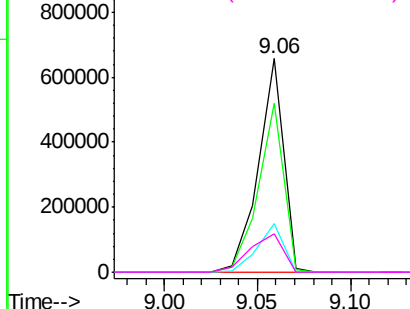


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 46.96 ng

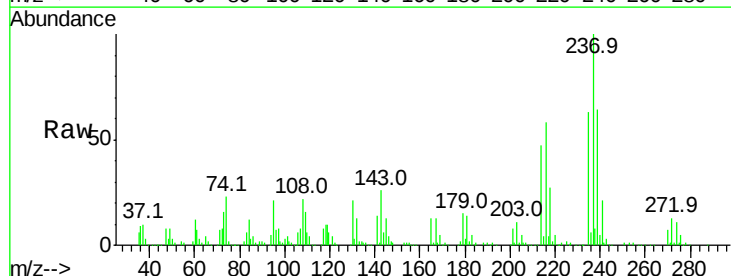
RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

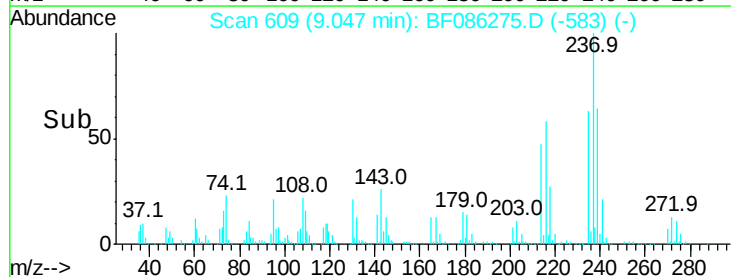
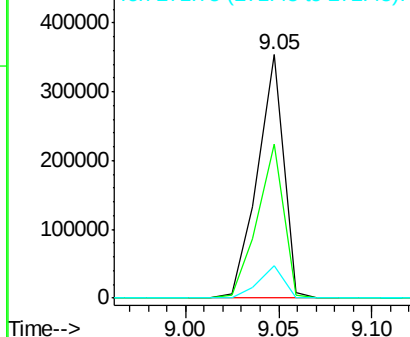
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		343521		
235	63.1		44.0	84.0	
272	13.5		0.0	32.4	

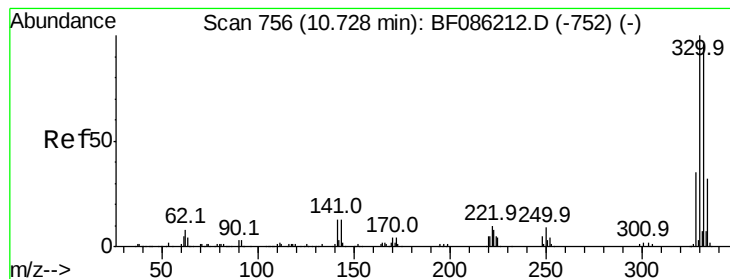


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





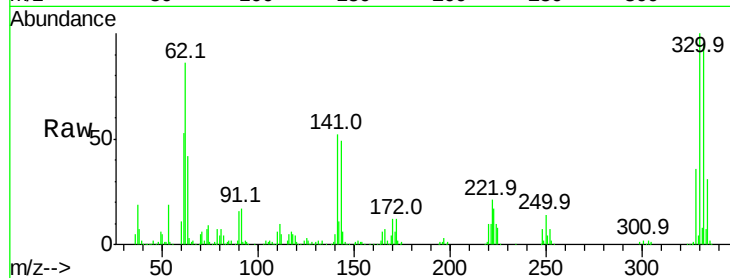
#41
 2,4,6-Tribromophenol
 Concen: 78.56 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

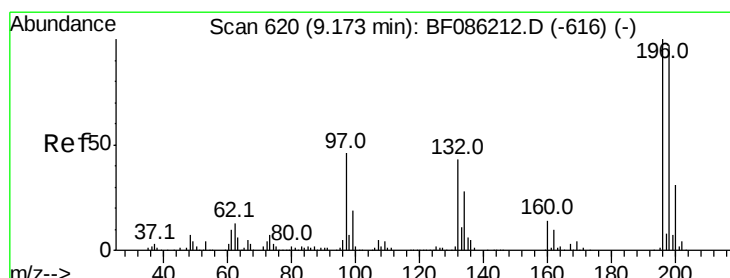
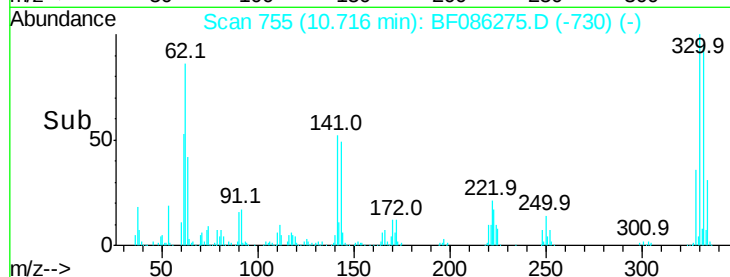
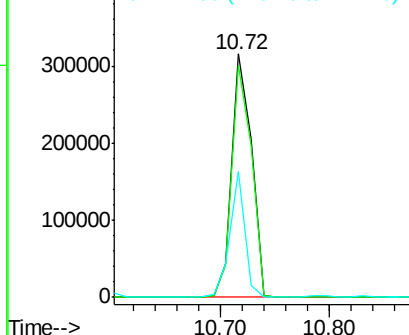
Tot Ion	Ratio	Resp	Lower	Upper
330	100	391496		
332	96.0	78.7	118.1	
141	39.5	28.6	42.8	

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:21:27 PM



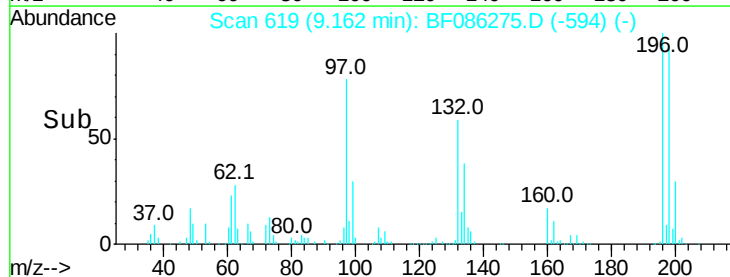
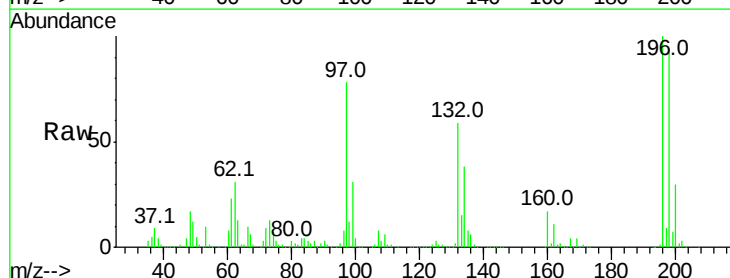
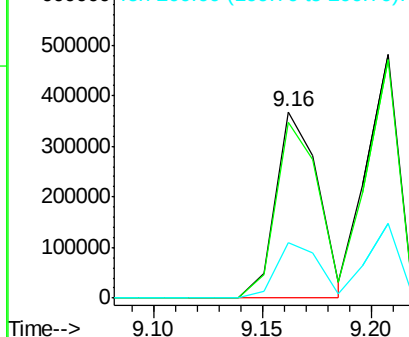
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

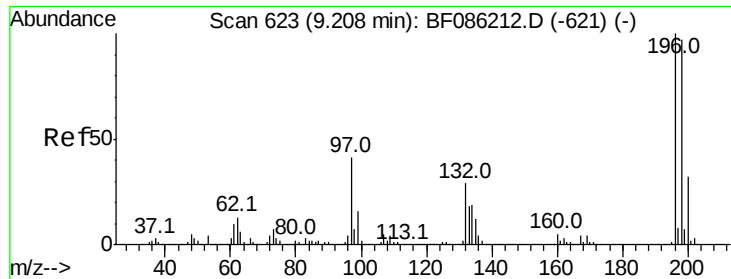


#42
 2,4,6-Trichlorophenol
 Concen: 41.17 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	503278		
198	94.0	76.6	115.0	
200	29.7	25.3	37.9	

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





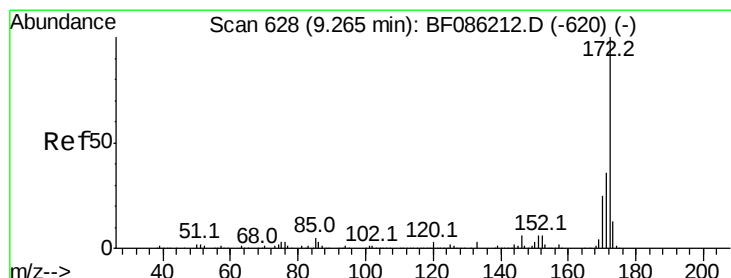
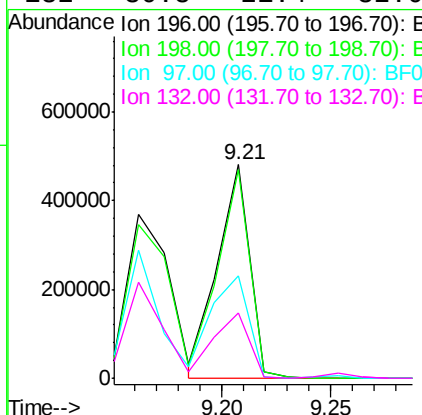
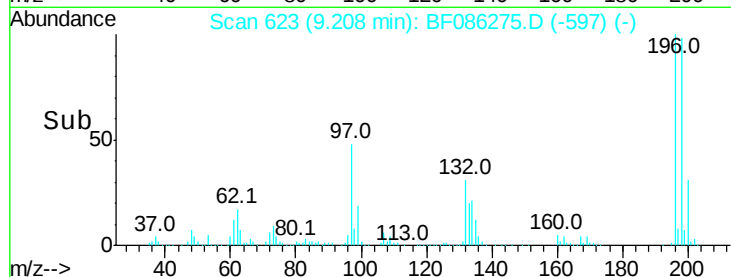
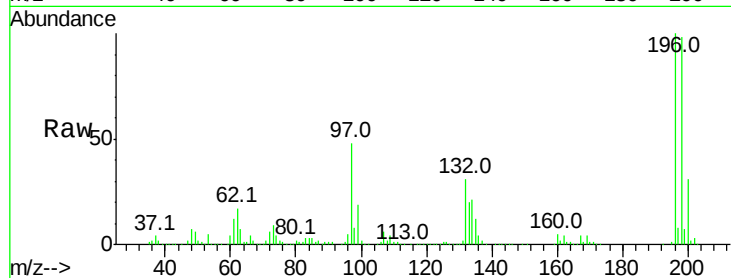
#43
 2,4,5-Trichlorophenol
 Concen: 41.81 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		493764		
198	97.8	77.7	116.5		
97	47.7	32.6	48.8		
132	30.8	21.4	32.0		

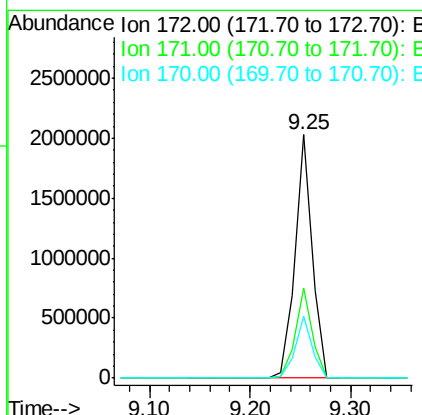
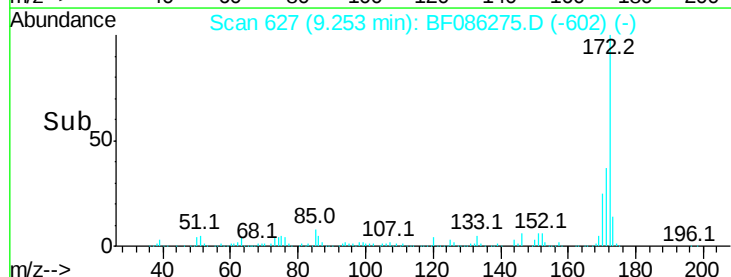
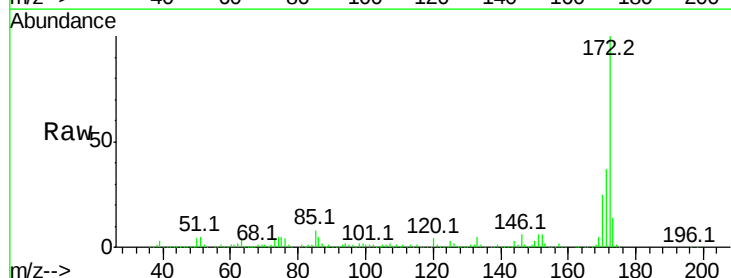
Manual Integrations
 APPROVED

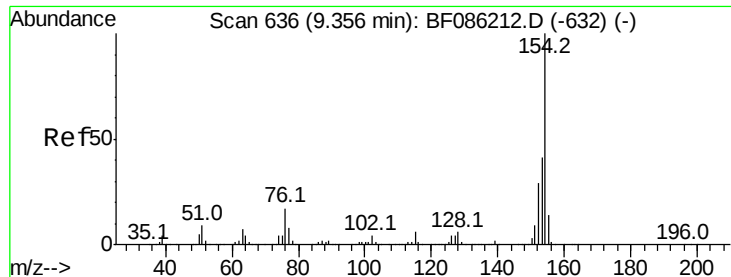
Sohil
 4/19/2016 6:21:27 PM



#44
 2-Fluorobiphenyl
 Concen: 71.25 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2396067		
171	37.0	29.1	43.7		
170	25.4	19.9	29.9		





#45

1,1'-Biphenyl

Concen: 39.19 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1750837

Ion Ratio Lower Upper

154 100

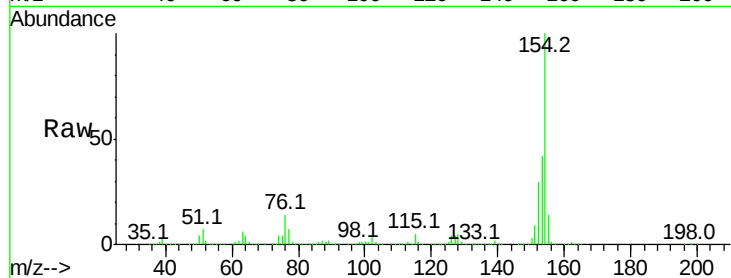
153 41.7 21.3 61.3

76 14.4 0.0 36.4

Manual Integrations
APPROVED

Sohil

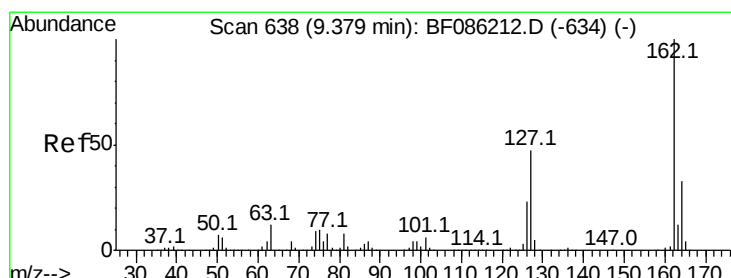
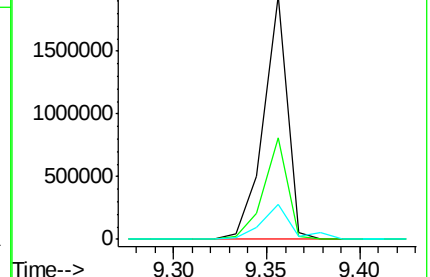
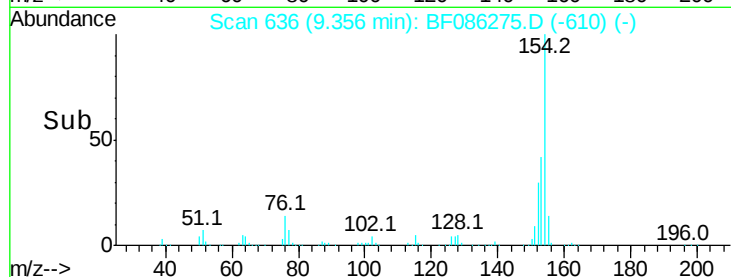
4/19/2016 6:21:27 PM



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: 38.59 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

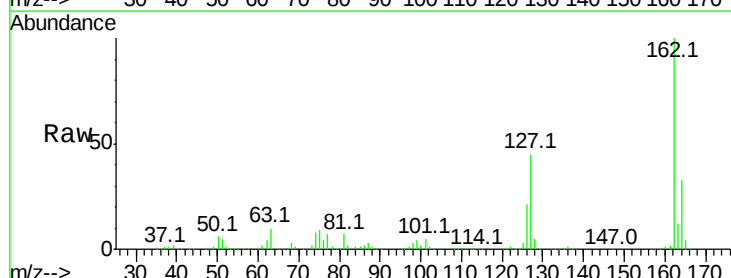
Tgt Ion:162 Resp: 1407342

Ion Ratio Lower Upper

162 100

127 45.1 36.7 55.1

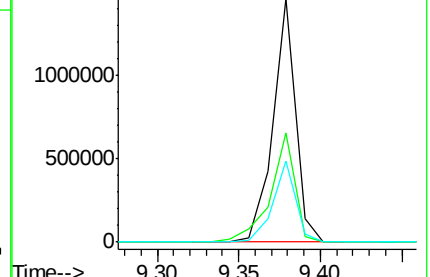
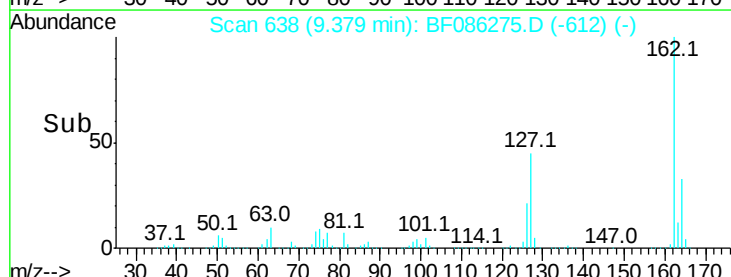
164 33.5 26.4 39.6

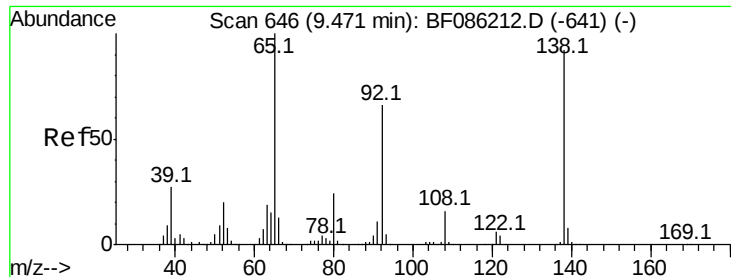


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.64 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

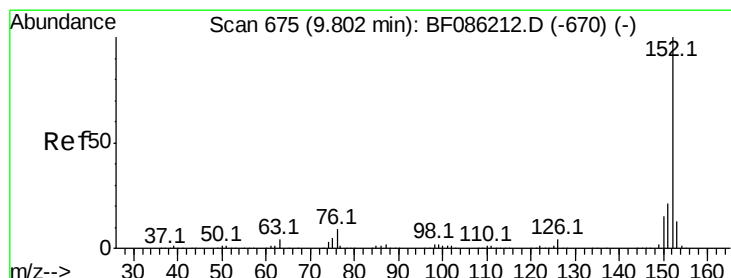
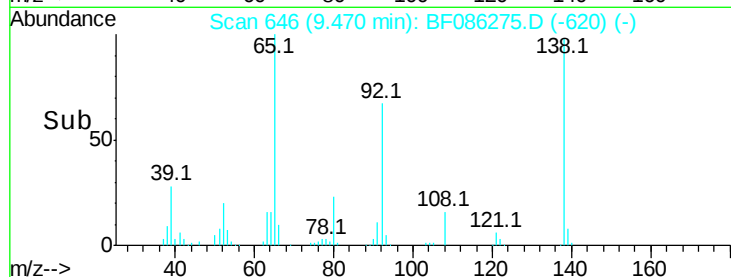
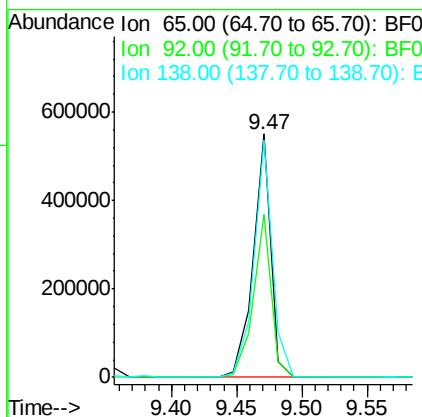
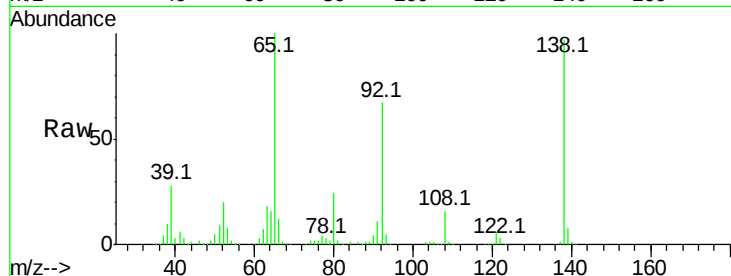
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	515645
Ion Ratio	Lower	Upper	
65	100		
92	67.1	51.9	77.9
138	97.3	72.6	108.8

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM



#48

Acenaphthylene

Concen: 39.11 ng

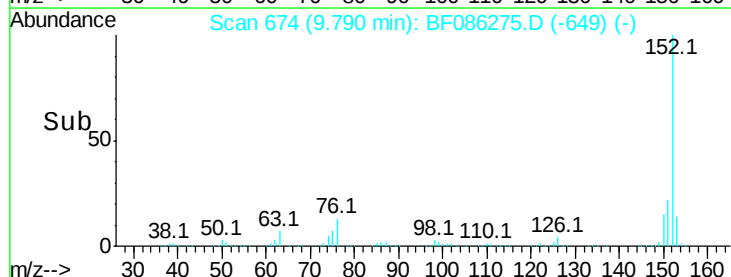
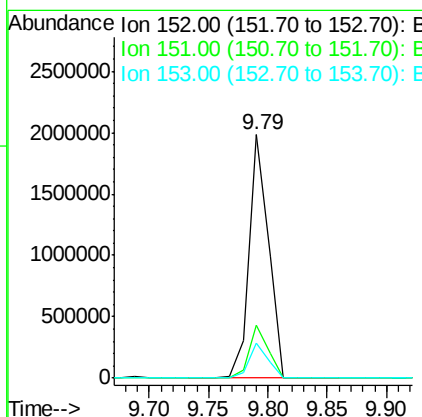
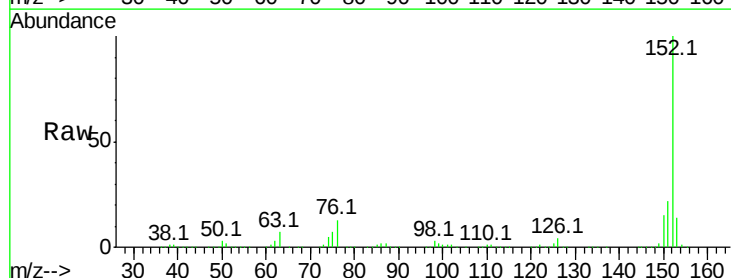
RT: 9.79 min Scan# 674

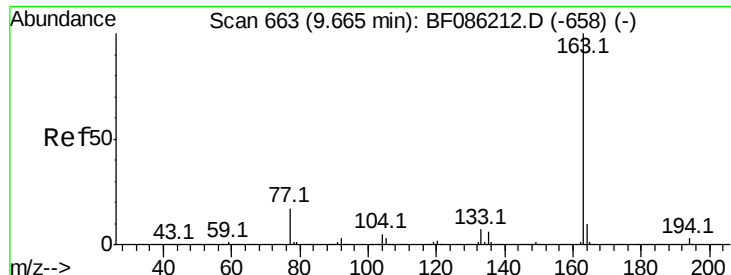
Delta R.T. -0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion:	152	Resp:	2269773
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	14.2	10.7	16.1





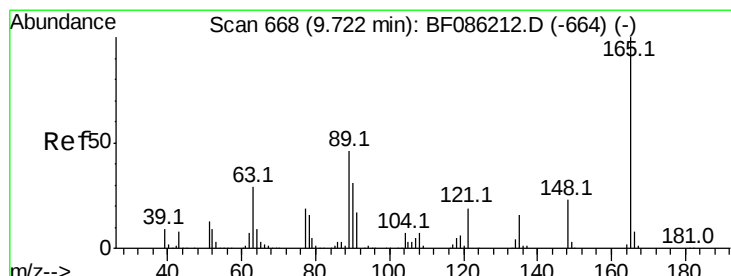
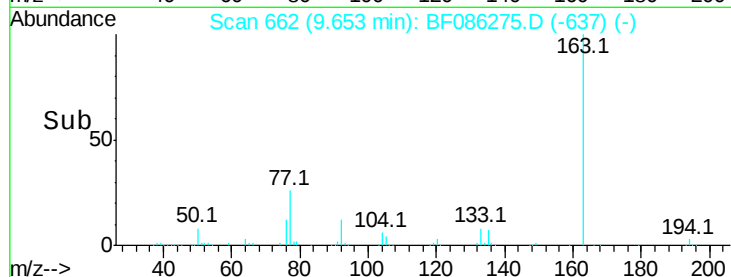
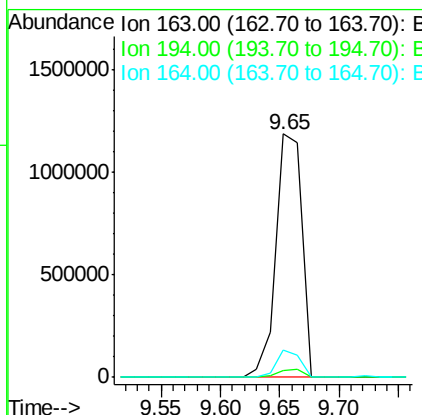
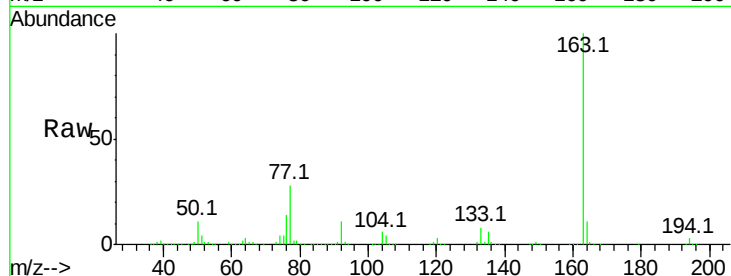
#49
Dimethylphthalate
Concen: 39.45 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	11.0	8.4	12.6

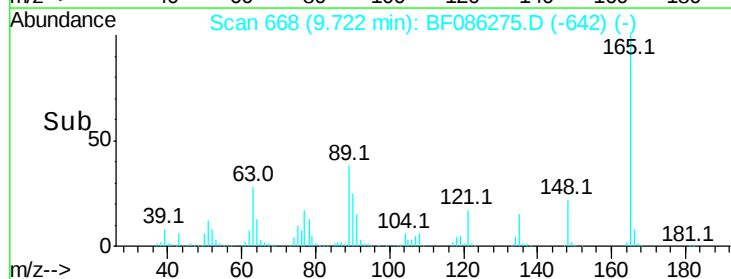
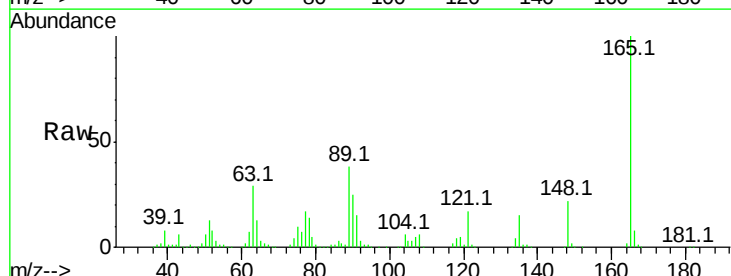
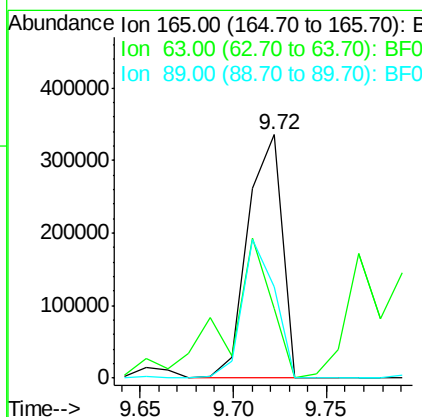
Manual Integrations
APPROVED

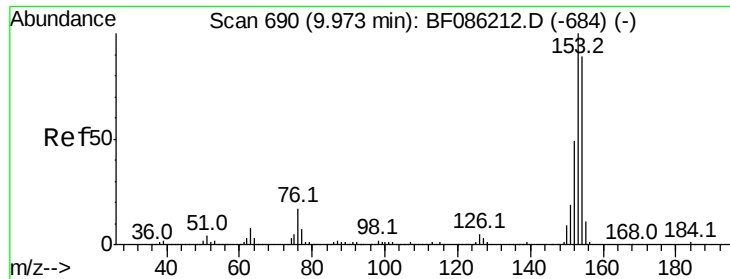
Sohil
4/19/2016 6:21:27 PM



#50
2,6-Dinitrotoluene
Concen: 43.26 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	28.6	35.1	52.7#
89	37.6	39.8	59.6#





#51

Acenaphthene

Concen: 40.25 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1395386

Ion Ratio Lower Upper

154 100

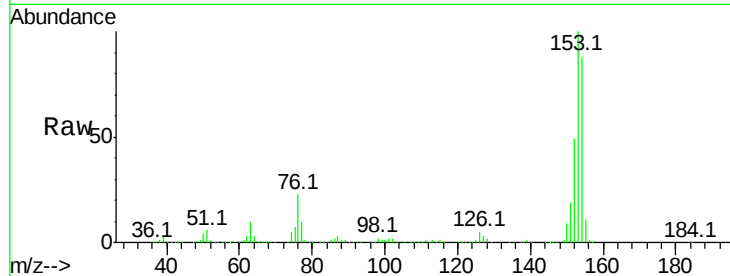
153 113.4 90.0 135.0

152 56.0 44.3 66.5

Manual Integrations
APPROVED

Sohil

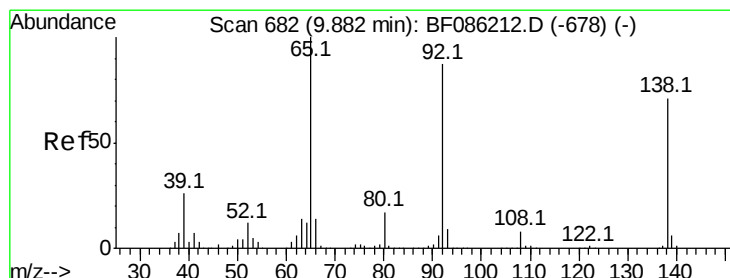
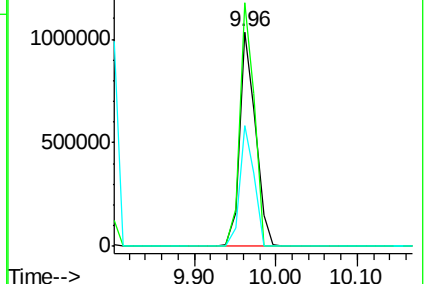
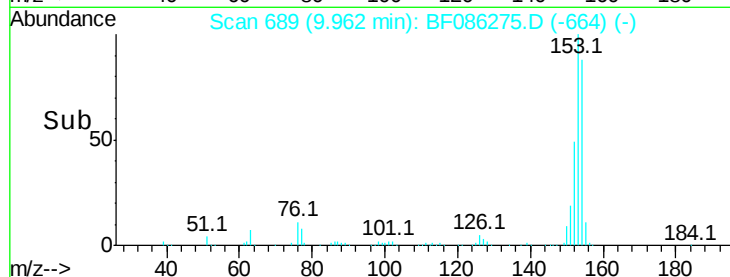
4/19/2016 6:21:27 PM



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: 37.04 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

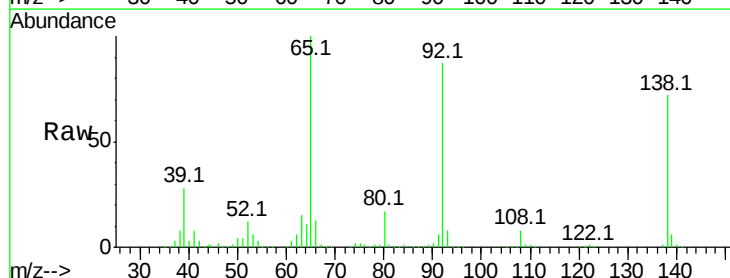
Tgt Ion:138 Resp: 449386

Ion Ratio Lower Upper

138 100

108 10.7 9.0 13.4

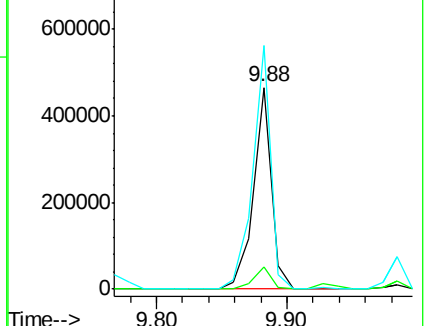
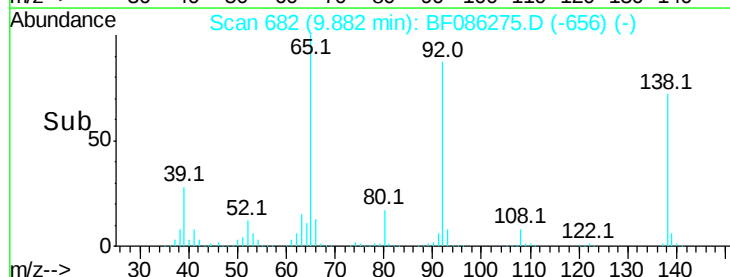
92 120.9 99.3 148.9

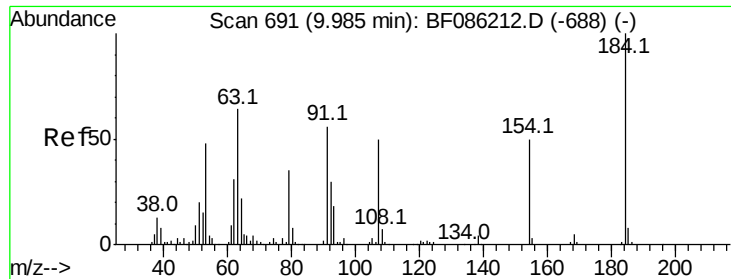


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





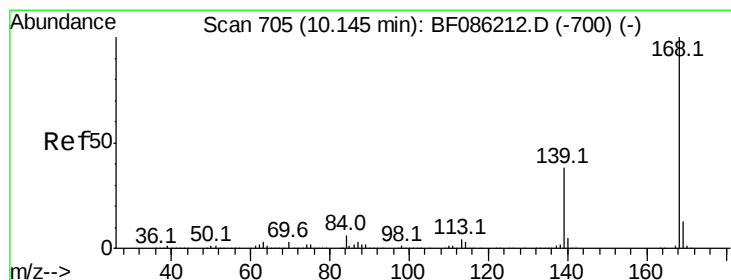
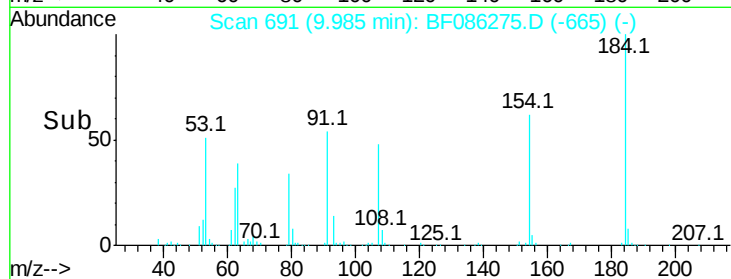
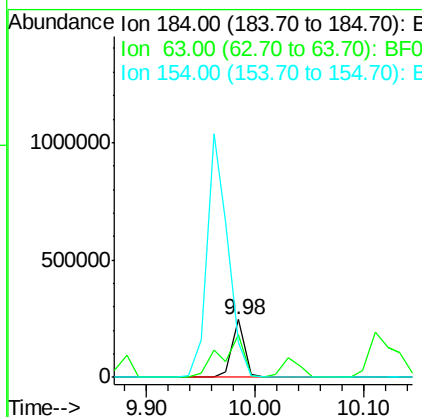
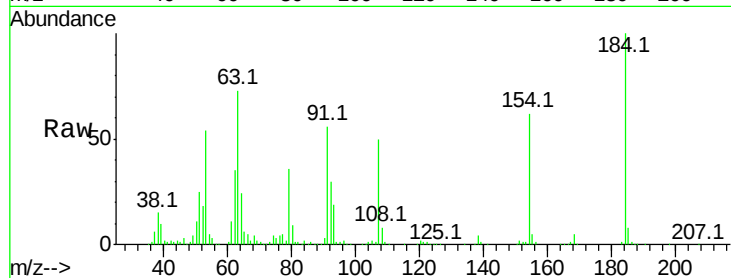
#53
2,4-Dinitrophenol
Concen: 54.96 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	197876		
63	73.3	64.7	97.1	
154	61.8	59.4	89.2	

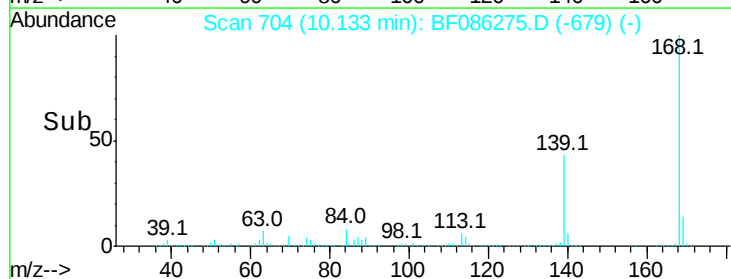
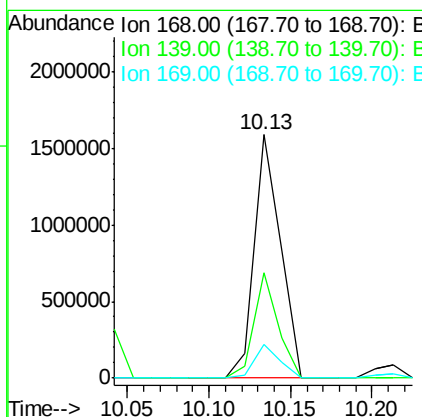
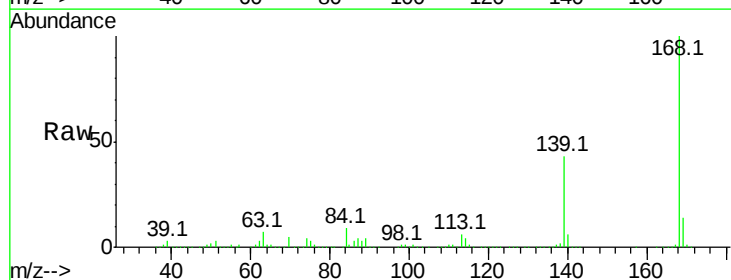
Manual Integrations
APPROVED

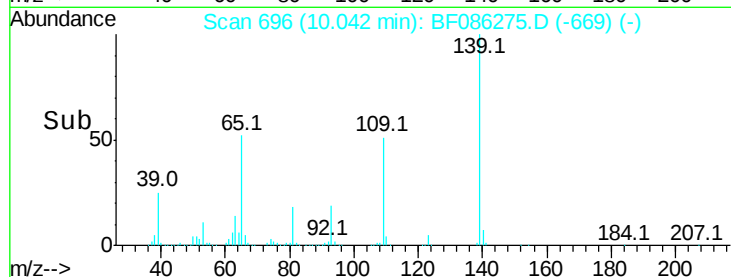
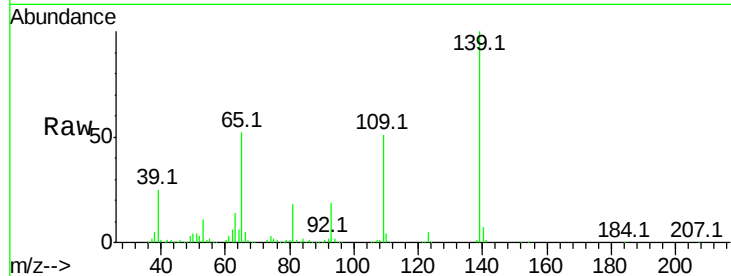
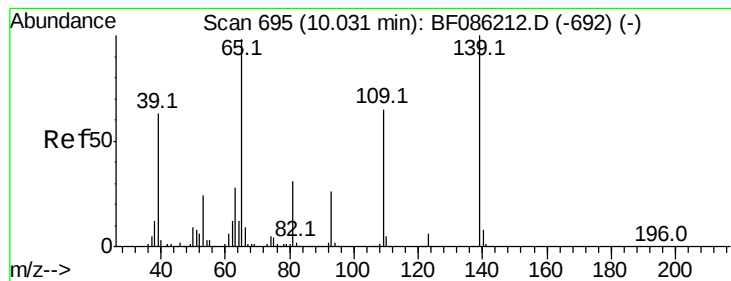
Sohil
4/19/2016 6:21:27 PM



#54
Dibenzofuran
Concen: 38.89 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1780649		
139	43.3	29.5	44.3	
169	14.1	10.6	16.0	





#55

4-Nitrophenol

Concen: 46.69 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF086275.D

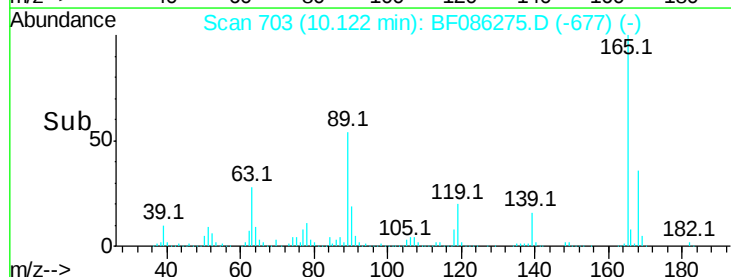
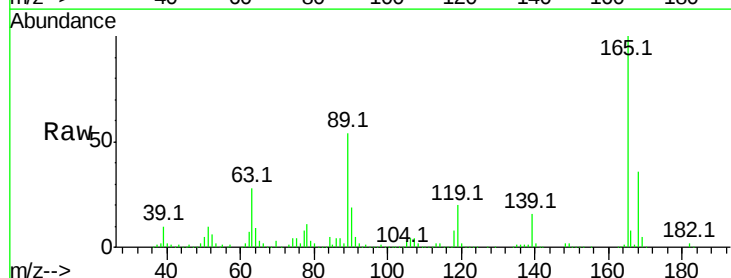
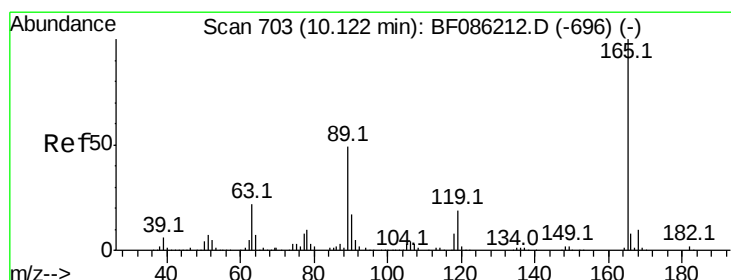
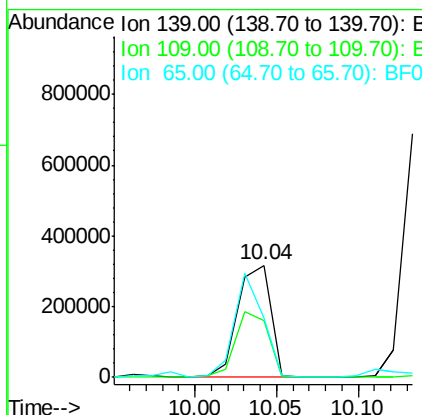
Acq: 18 Apr 2016 11:54

Tot Ion	Ratio	Resp	Lower	Upper
139	100	443169		
109	50.6	55.0	95.0#	
65	52.4	87.3	127.3#	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM



#56

2,4-Dinitrotoluene

Concen: 45.87 ng

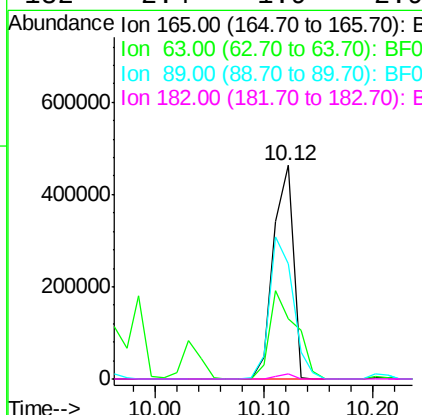
RT: 10.12 min Scan# 703

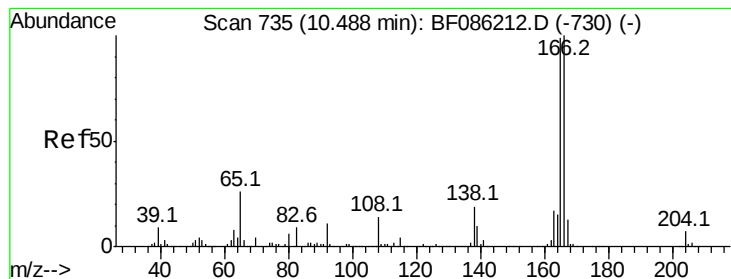
Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	586264		
63	27.9	26.6	40.0	
89	53.7	49.5	74.3	
182	2.4	1.9	2.9	





#57

Fluorene

Concen: 37.99 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1206574

Ion Ratio Lower Upper

166 100

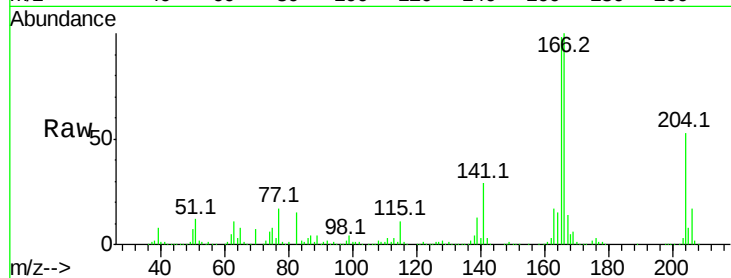
165 98.2 78.6 117.8

167 14.2 10.4 15.6

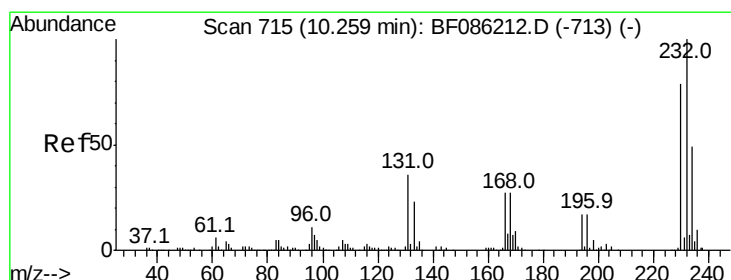
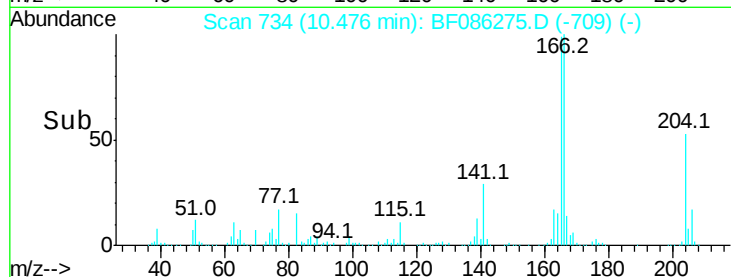
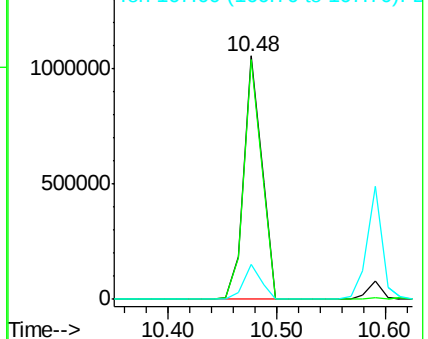
Manual Integrations
APPROVED

Sohil

4/19/2016 6:21:27 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.48 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion:232 Resp: 330070

Ion Ratio Lower Upper

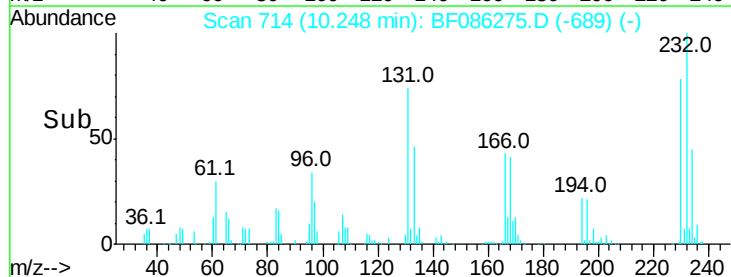
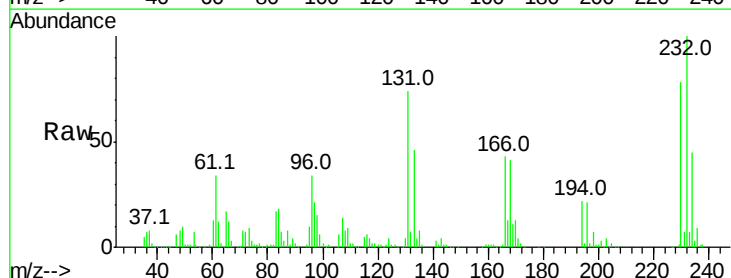
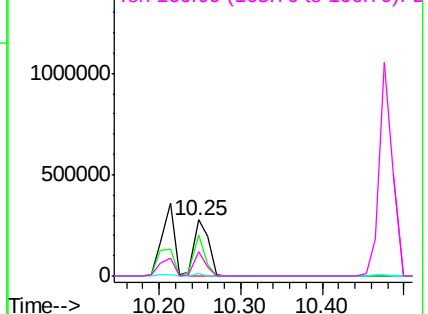
232 100

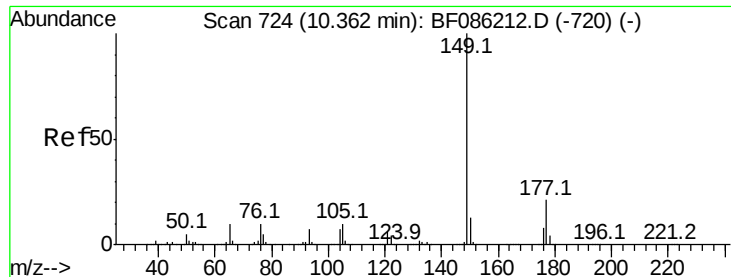
131 58.6 46.6 70.0

130 2.9 2.5 3.7

166 36.0 28.3 42.5

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





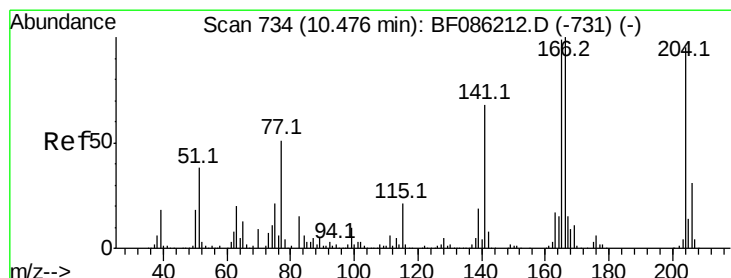
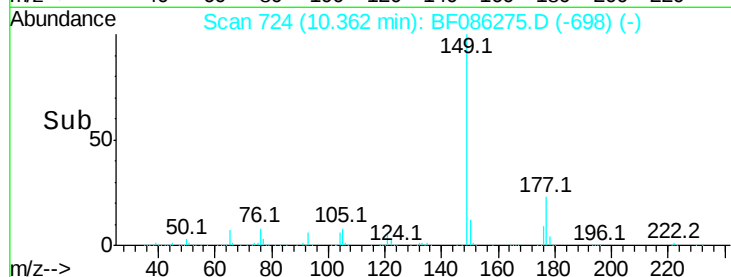
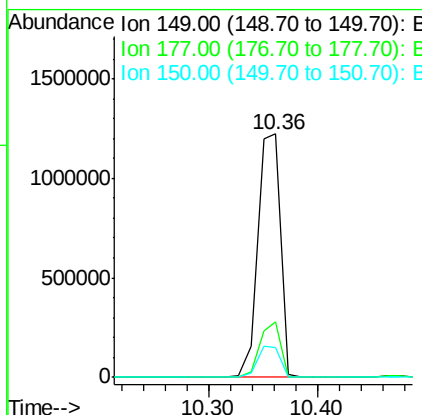
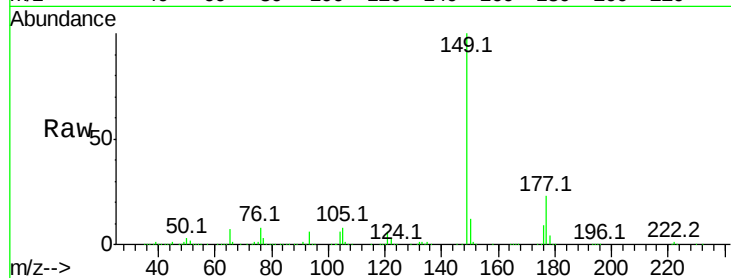
#59
Diethylphthalate
Concen: 38.28 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.0	25.6
150	12.3	10.2	15.4

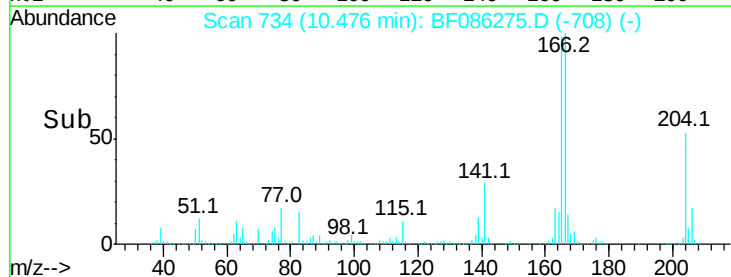
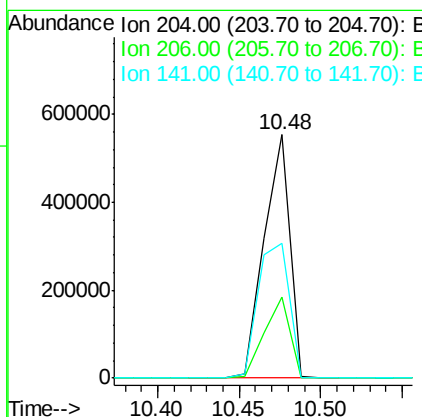
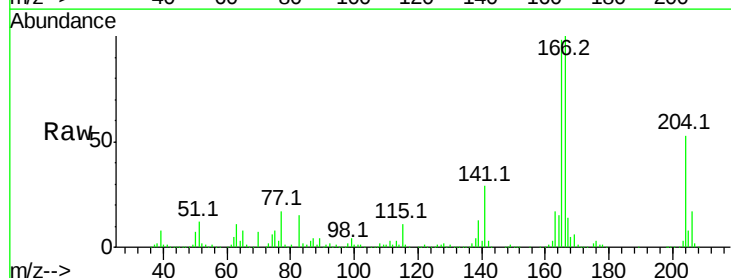
Manual Integrations
APPROVED

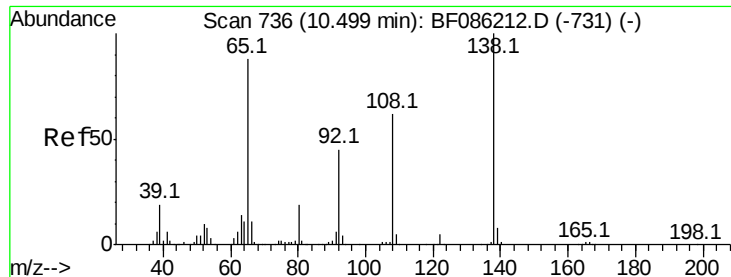
Sohil
4/19/2016 6:21:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.15 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	55.3	55.4	83.0#





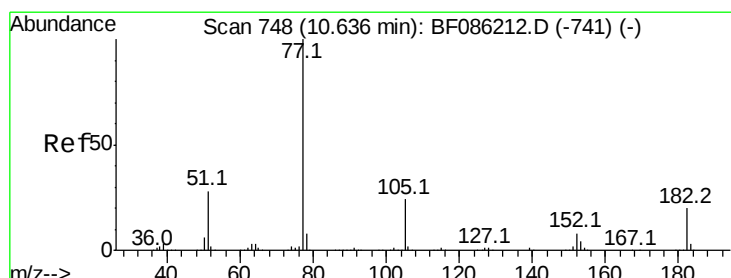
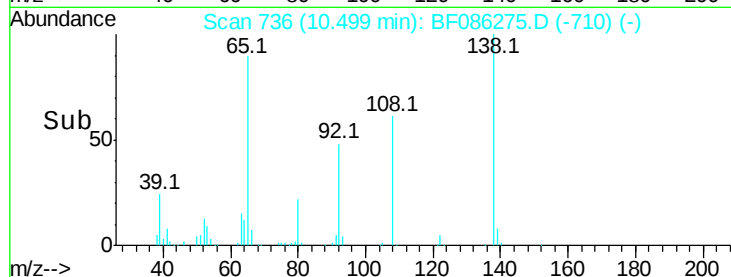
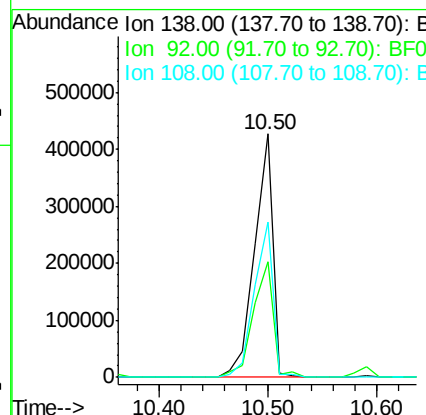
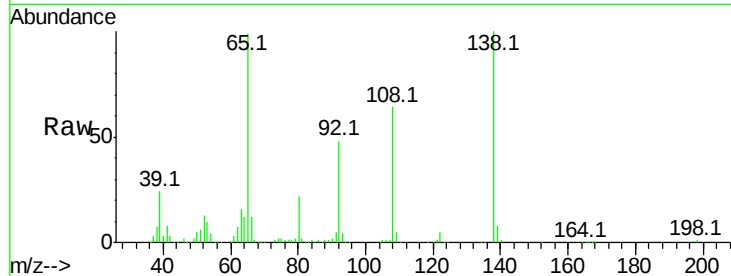
#61
4-Nitroaniline
Concen: 47.99 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	503195		
92	47.5	31.9	71.9	
108	64.0	58.7	98.7	

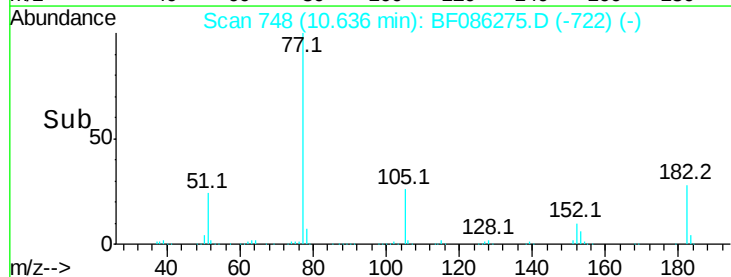
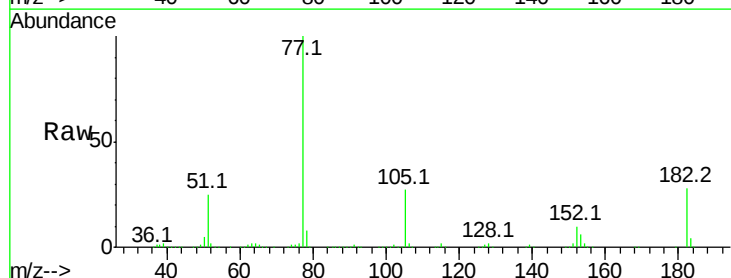
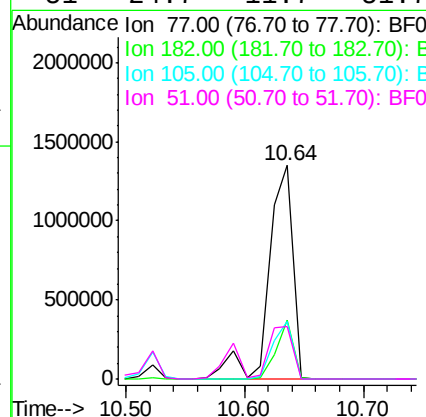
Manual Integrations
APPROVED

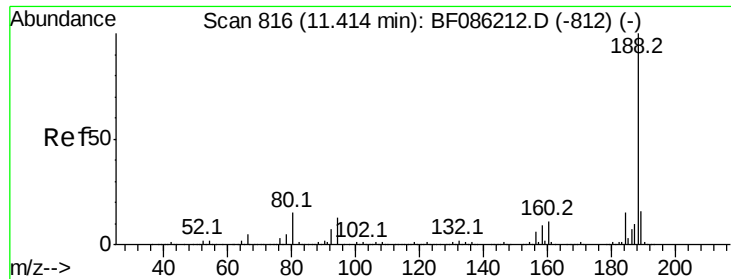
Sohil
4/19/2016 6:21:27 PM



#62
Azobenzene
Concen: 42.10 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1918210		
182	27.5	2.3	42.3	
105	26.8	3.4	43.4	
51	24.7	11.7	51.7	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

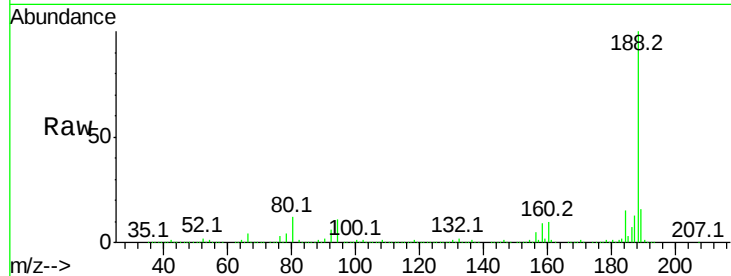
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	1091686
Ion Ratio	Lower	Upper	
188	100		
94	11.1	9.8	14.8
80	12.0	10.5	15.7

Manual Integrations
APPROVED

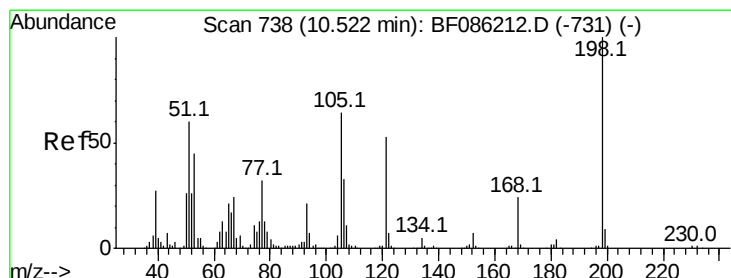
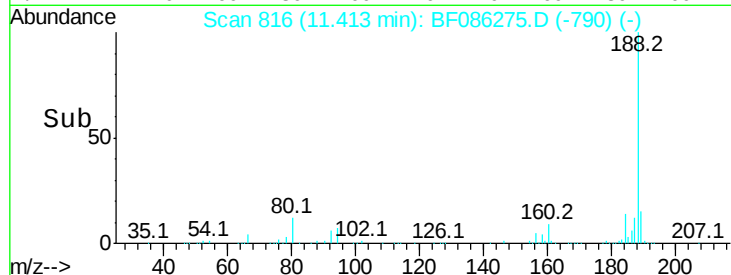
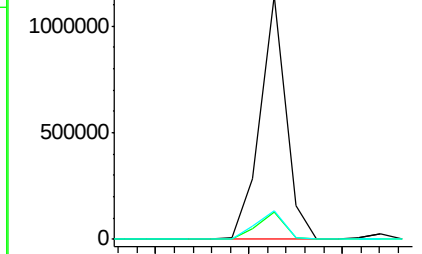
Sohil
4/19/2016 6:21:27 PM



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: 48.68 ng

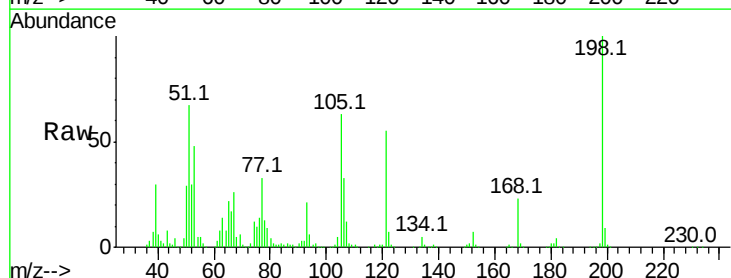
RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

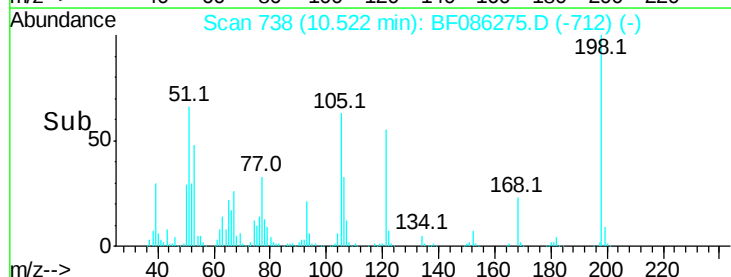
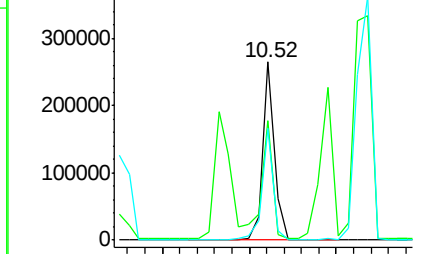
Tgt Ion:	198	Resp:	252930
Ion Ratio	Lower	Upper	
198	100		
51	66.7	56.5	96.5
105	62.9	48.0	88.0

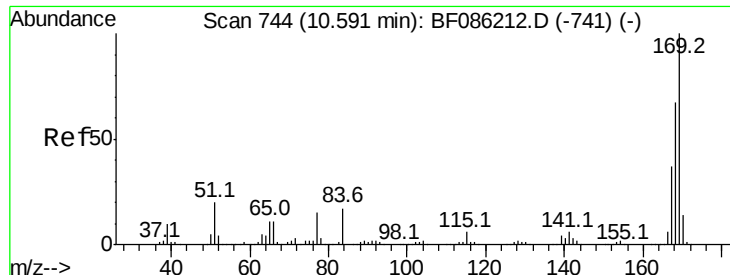


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.05 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1238592

Ion Ratio Lower Upper

169 100

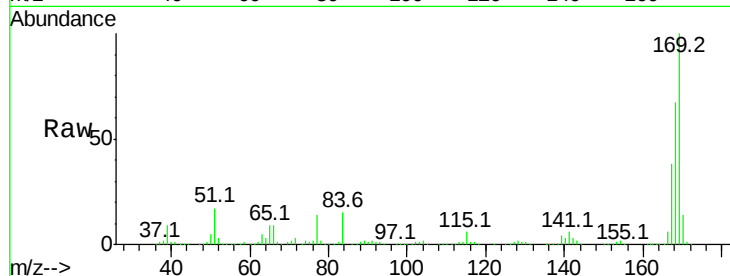
168 67.1 54.3 81.5

167 37.5 30.2 45.2

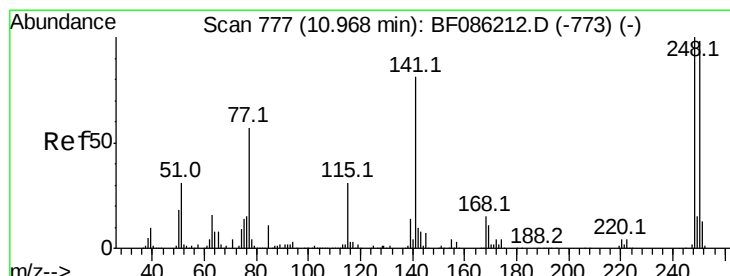
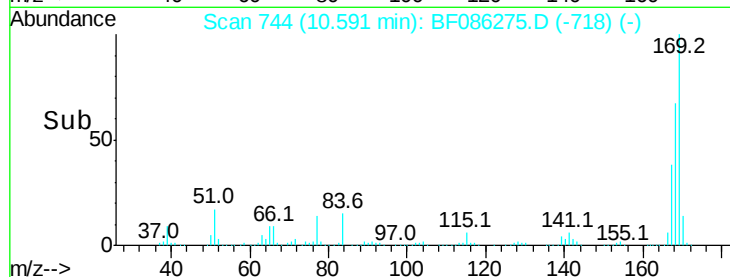
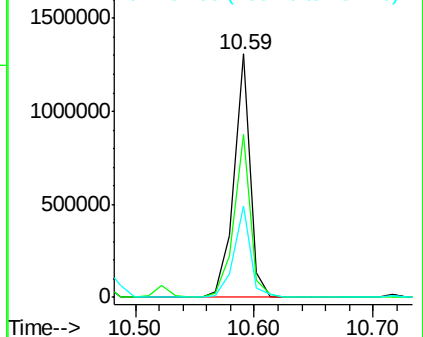
Manual Integrations
APPROVED

Sohil

4/19/2016 6:21:27 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.41 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

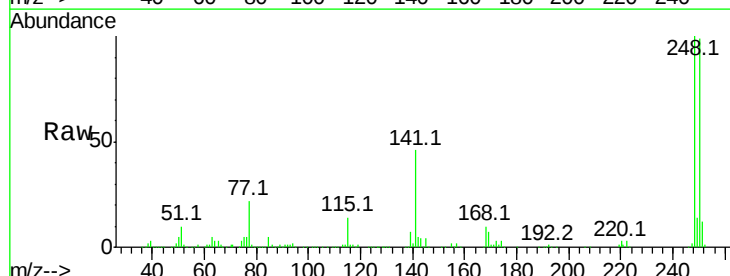
Tgt Ion:248 Resp: 411130

Ion Ratio Lower Upper

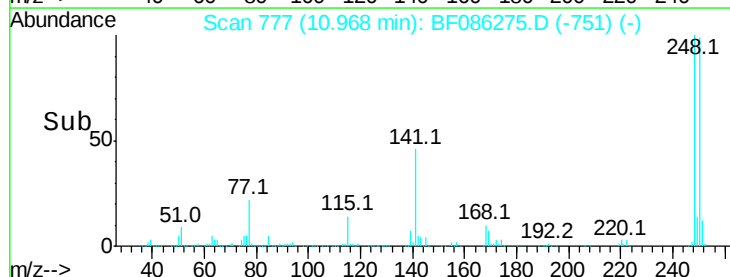
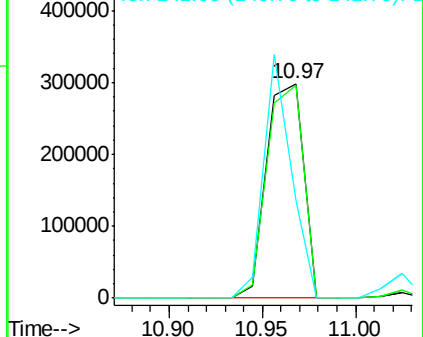
248 100

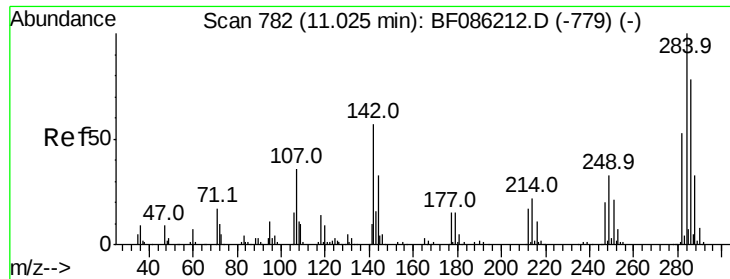
250 99.0 78.6 118.0

141 45.6 57.9 86.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





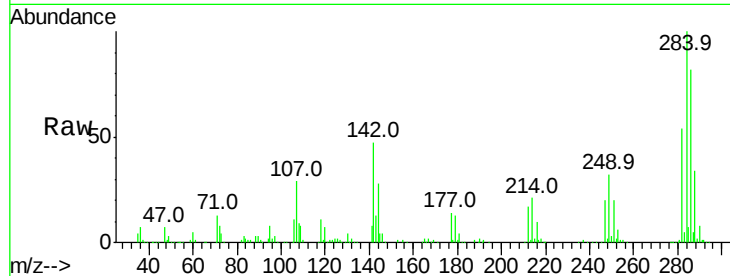
#67
Hexachlorobenzene
Concen: 37.35 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

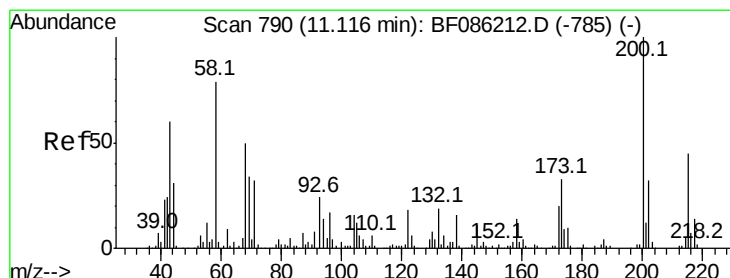
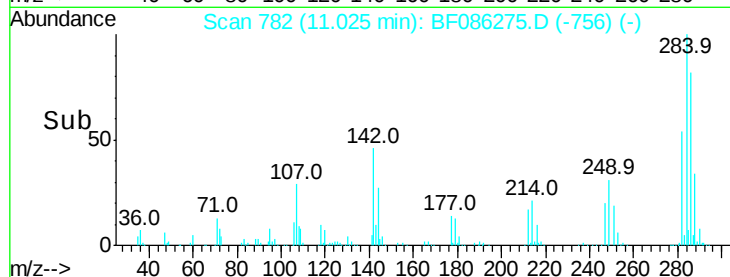
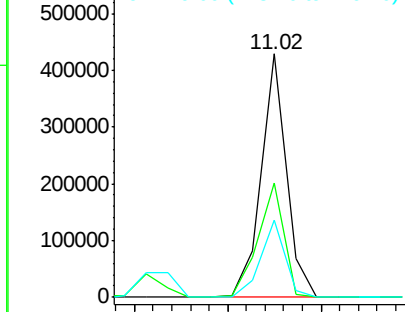
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	47.1	42.6	64.0	
249	31.5	25.9	38.9	

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM

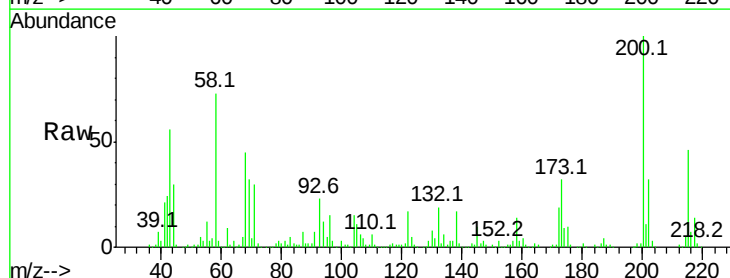


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

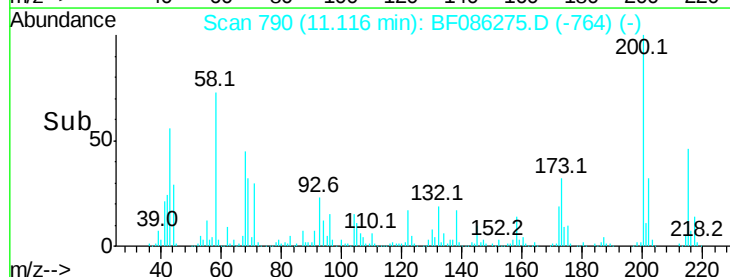
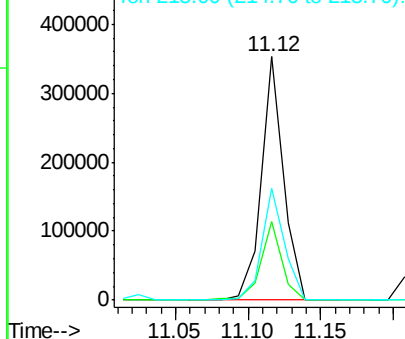


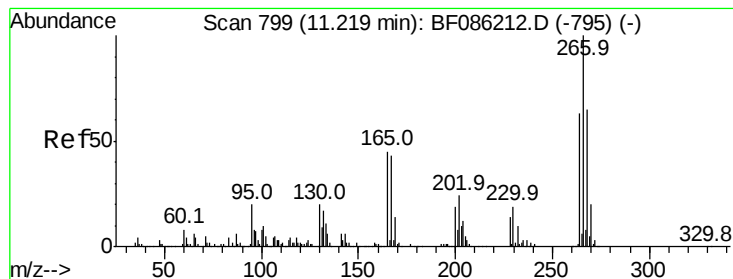
#68
Atrazine
Concen: 36.27 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	32.2	11.2	51.2	
215	46.1	24.0	64.0	



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: 45.74 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

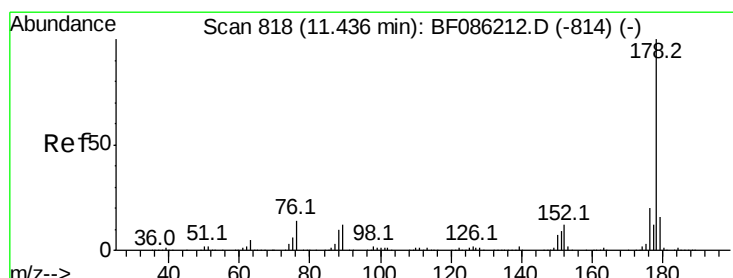
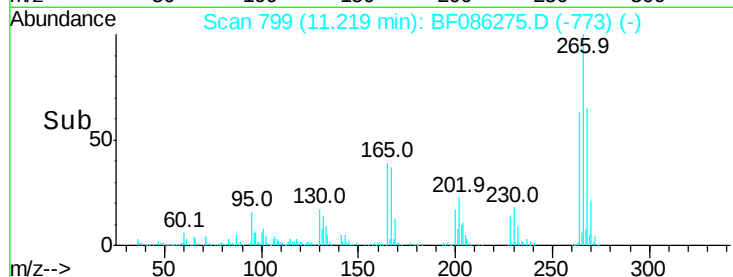
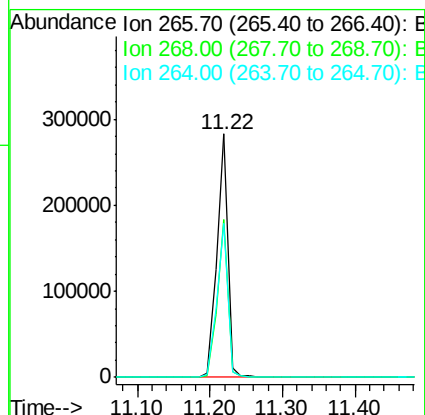
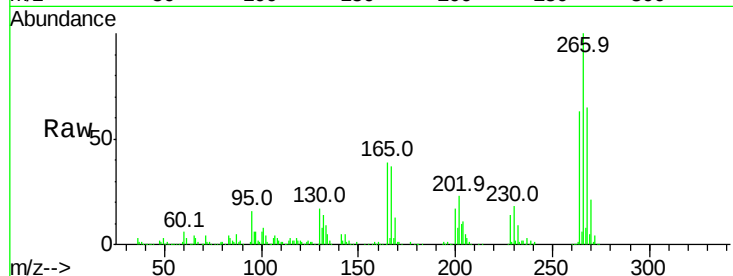
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	295729		
268	65.1	53.0	79.4	
264	63.3	51.3	76.9	

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM



#70

Phenanthrene

Concen: 36.74 ng

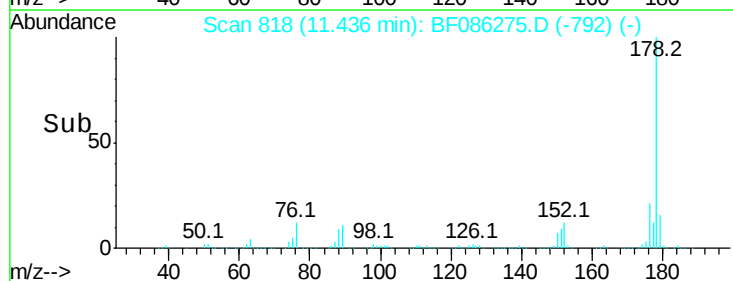
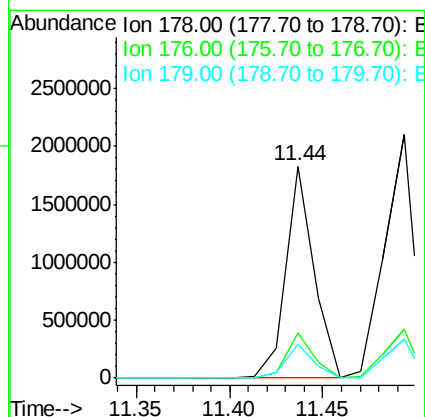
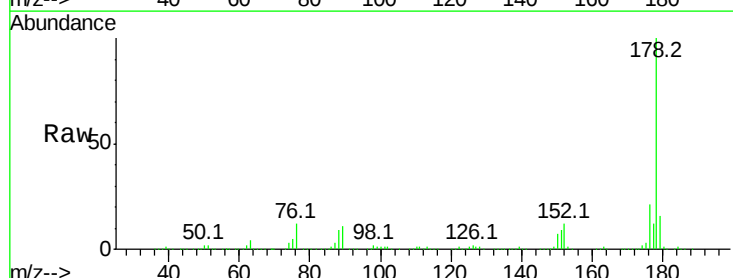
RT: 11.44 min Scan# 818

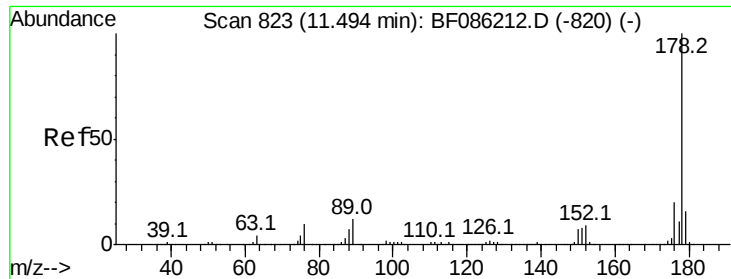
Delta R.T. 0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1915461		
176	21.2	16.3	24.5	
179	16.1	13.0	19.6	





#71
 Anthracene
 Concen: 45.07 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

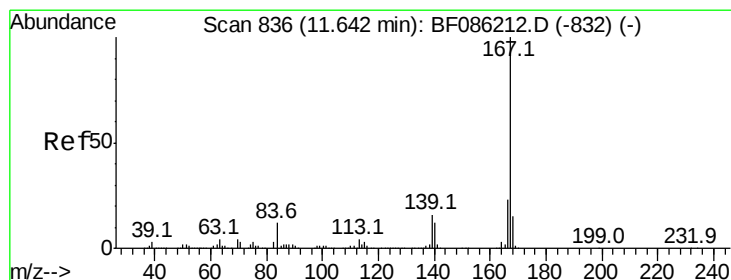
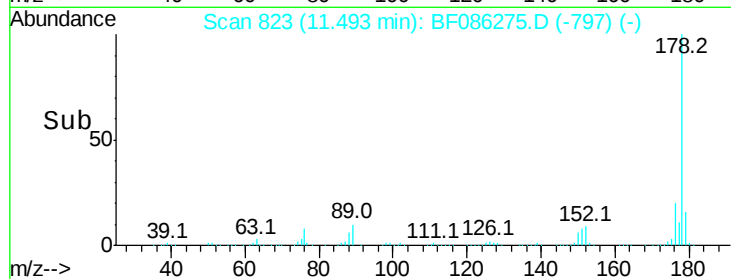
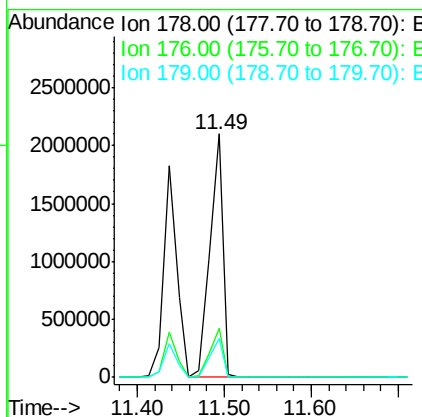
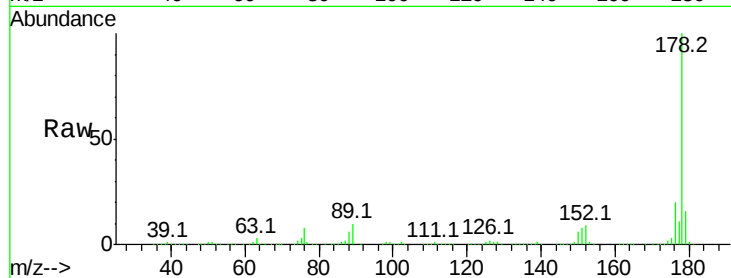
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 2206586

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.2	13.2	19.8

Manual Integrations
 APPROVED

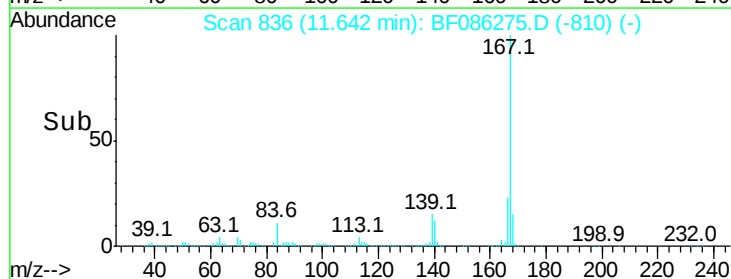
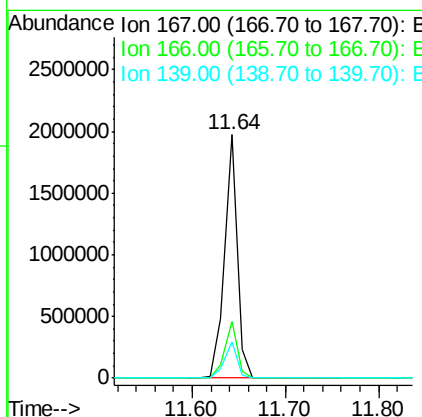
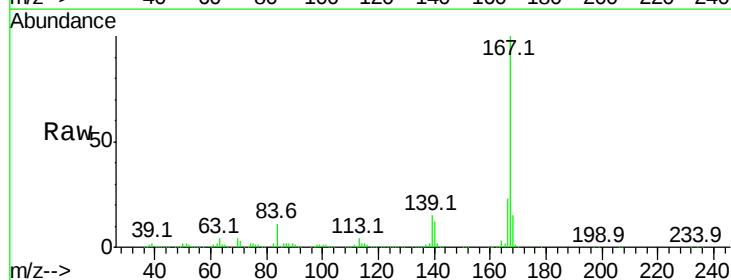
Sohil
 4/19/2016 6:21:27 PM

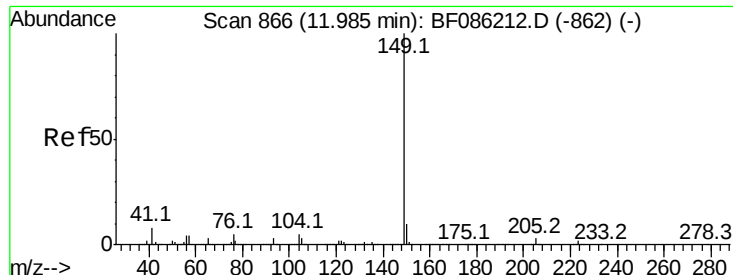


#72
 Carbazole
 Concen: 37.67 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Tgt Ion:167 Resp: 1868013

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	15.1	12.3	18.5





#73

Di-n-butylphthalate

Concen: 39.43 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2644018

Ion Ratio Lower Upper

149 100

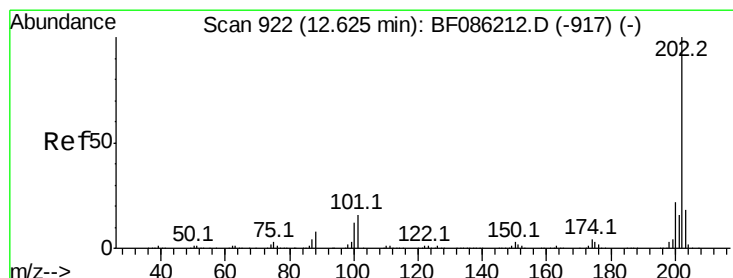
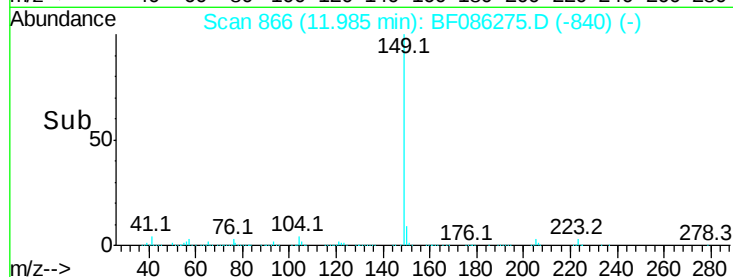
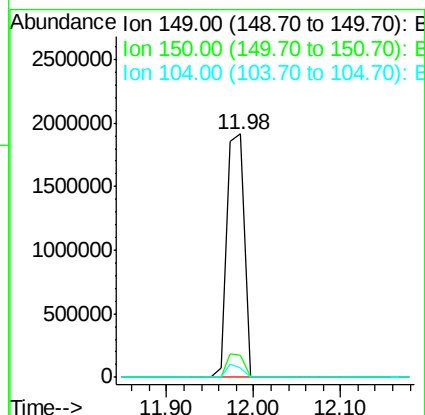
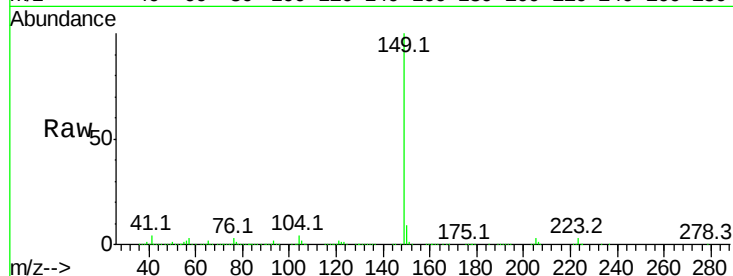
150 9.1 7.8 11.8

104 3.9 4.1 6.1#

Manual Integrations
APPROVED

Sohil

4/19/2016 6:21:27 PM



#74

Fluoranthene

Concen: 44.37 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

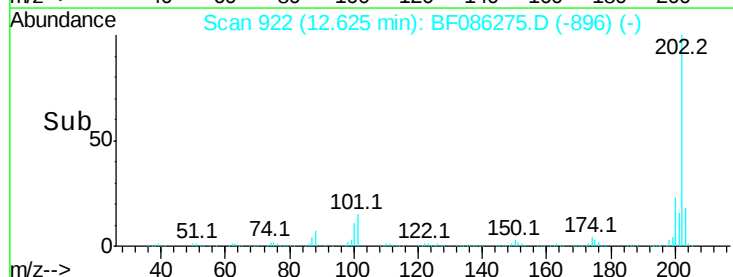
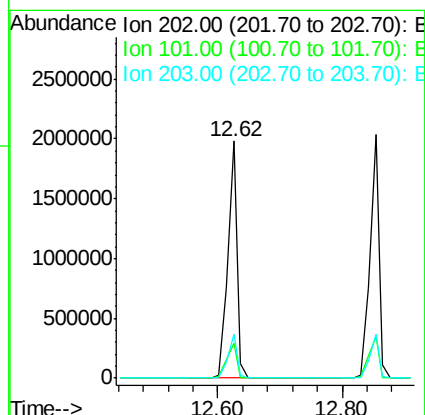
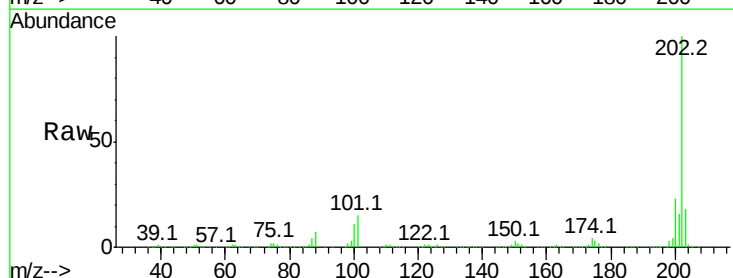
Tgt Ion:202 Resp: 1994981

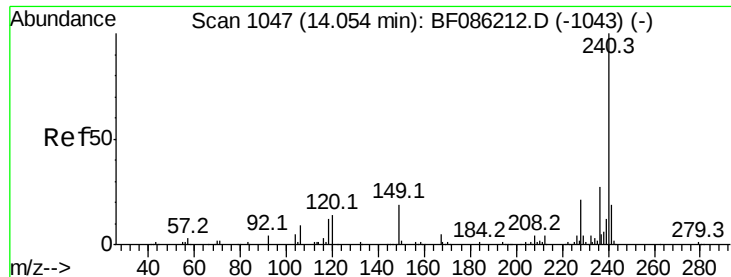
Ion Ratio Lower Upper

202 100

101 14.7 0.0 35.2

203 18.3 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

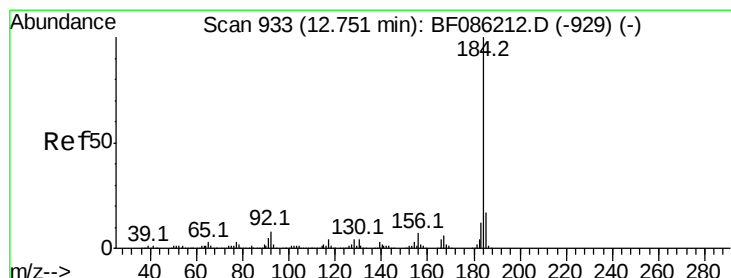
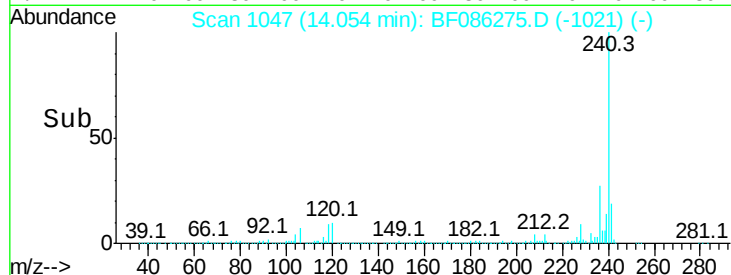
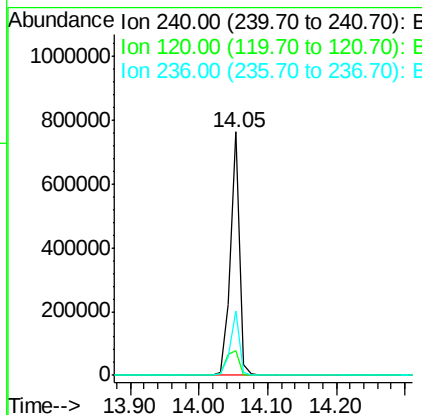
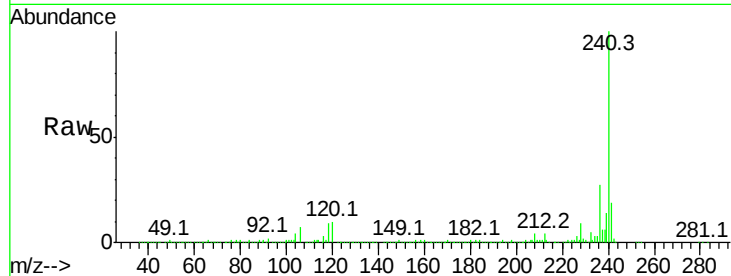
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	718716
Ion Ratio		Lower	Upper
240	100		
120	10.2	9.3	13.9
236	26.6	21.1	31.7

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 PM



#76

Benzidine

Concen: 43.89 ng

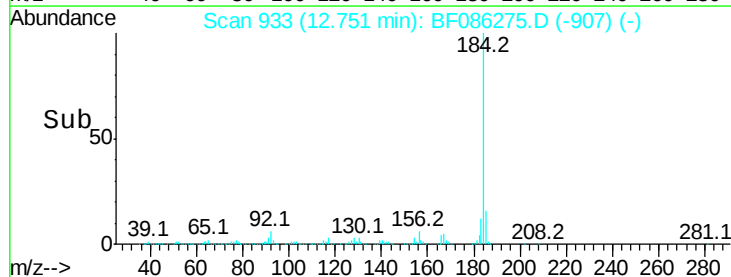
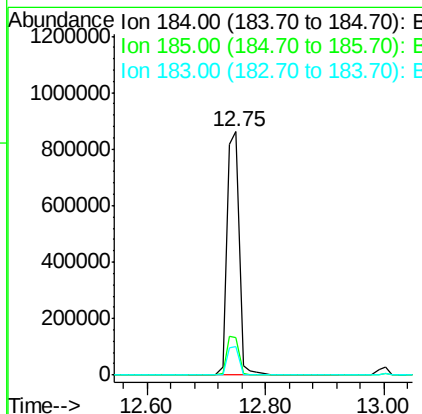
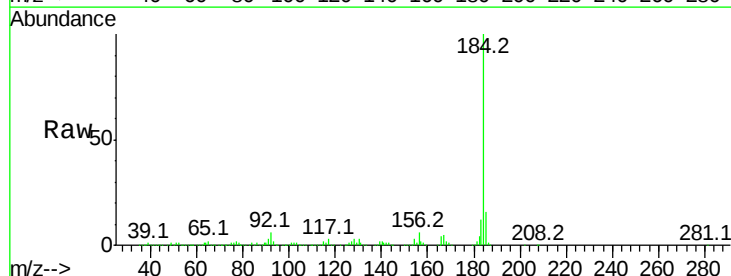
RT: 12.75 min Scan# 933

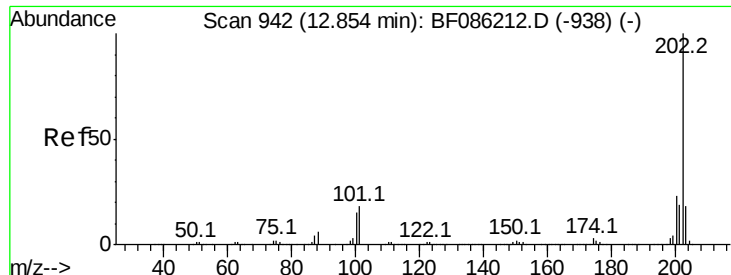
Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion:	184	Resp:	1223602
Ion Ratio		Lower	Upper
184	100		
185	15.6	14.2	21.2
183	11.7	9.8	14.6





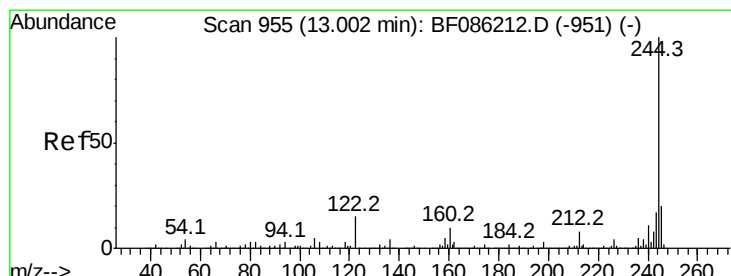
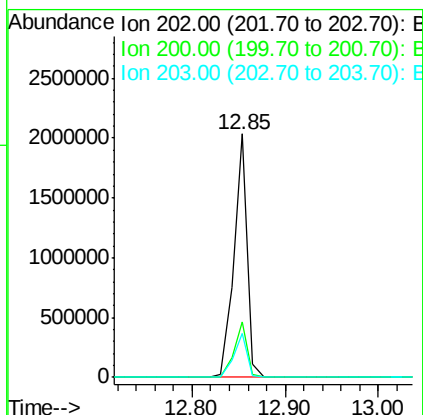
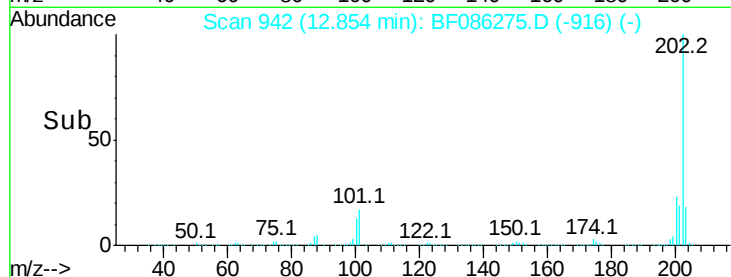
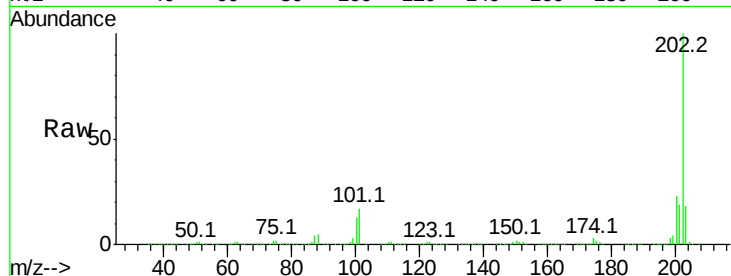
#77
Pvrene
Concen: 36.55 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.3	27.5
203	18.3	14.9	22.3

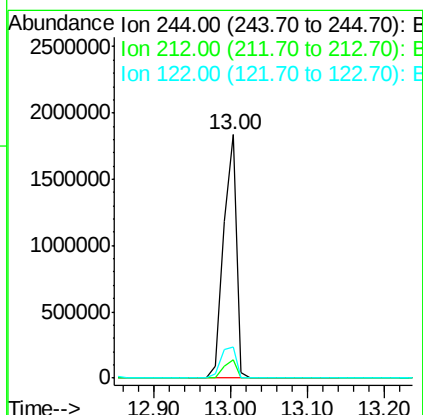
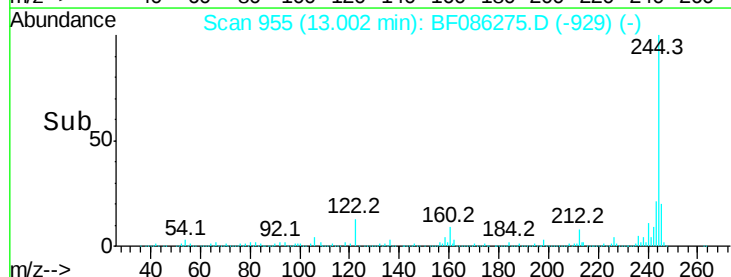
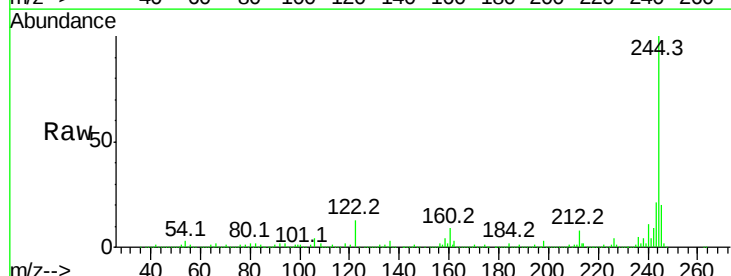
Manual Integrations
APPROVED

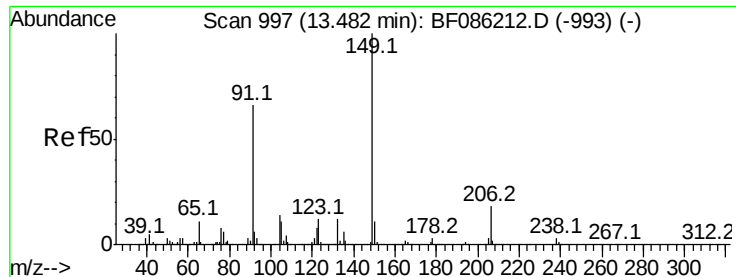
Sohil
4/19/2016 6:21:27 PM



#78
Terphenyl-d14
Concen: 76.25 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF086275.D
Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	12.7	11.7	17.5





#79

Butylbenzylphthalate

Concen: 41.63 ng

RT: 13.47 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1060274

Ion Ratio Lower Upper

149 100

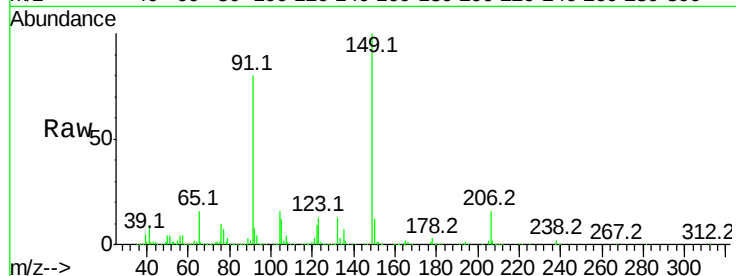
91 80.1 48.7 73.1#

206 15.6 15.7 23.5#

Manual Integrations
APPROVED

Sohil

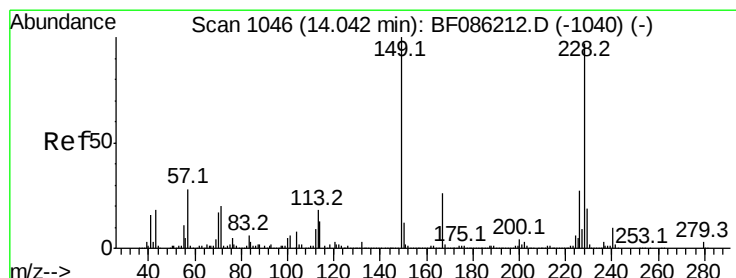
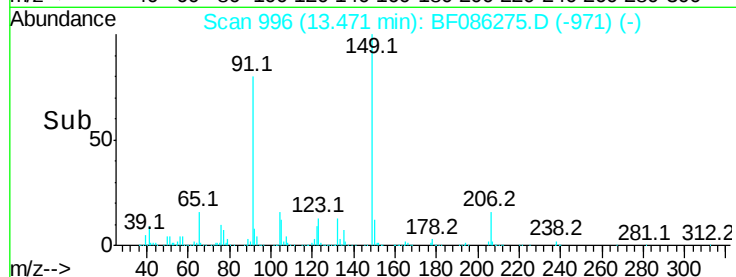
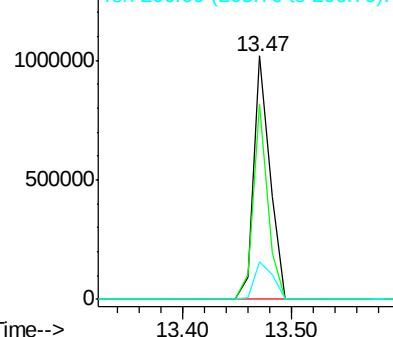
4/19/2016 6:21:27 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.47 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

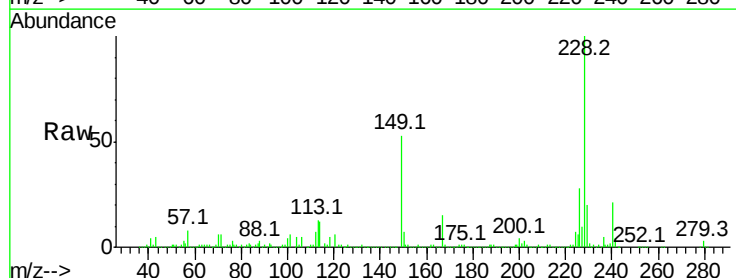
Tgt Ion:228 Resp: 1439064

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

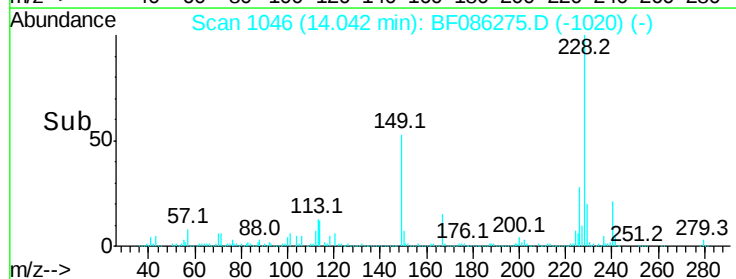
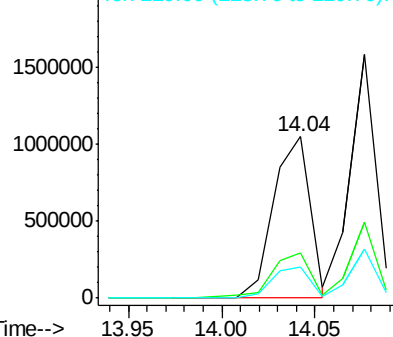
229 19.6 16.2 24.2

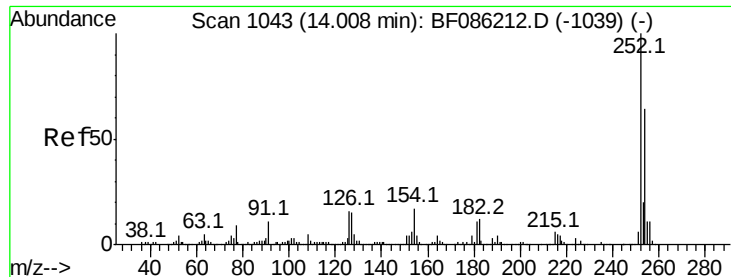


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





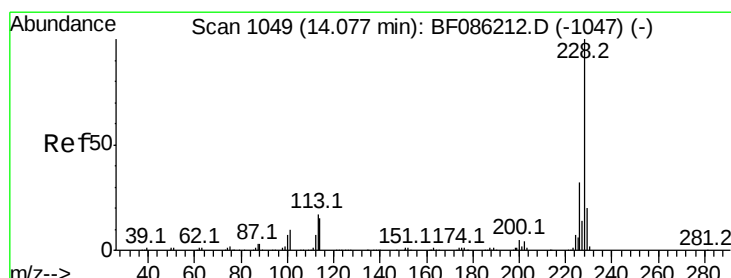
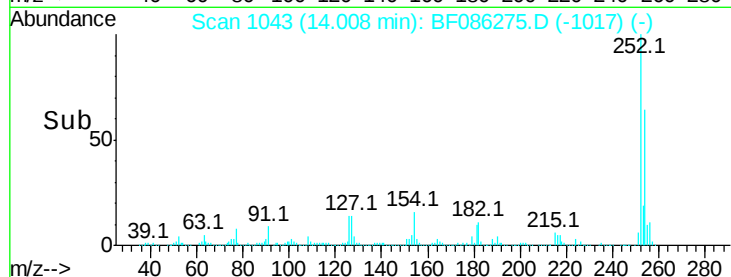
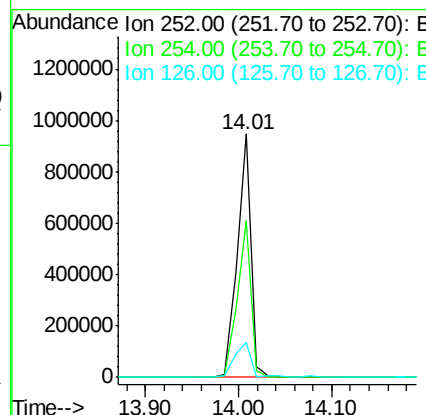
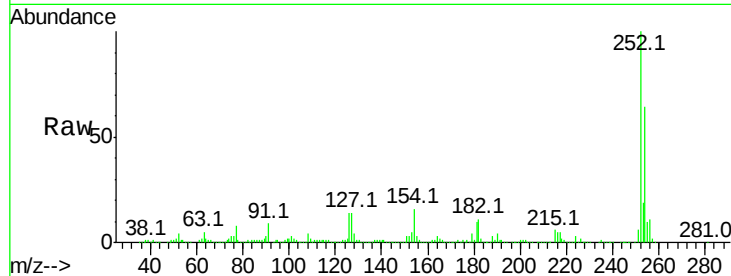
#81
 3,3'-Dichlorobenzidine
 Concen: 42.91 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	981395		
254	64.2	52.1	78.1	
126	14.5	13.2	19.8	

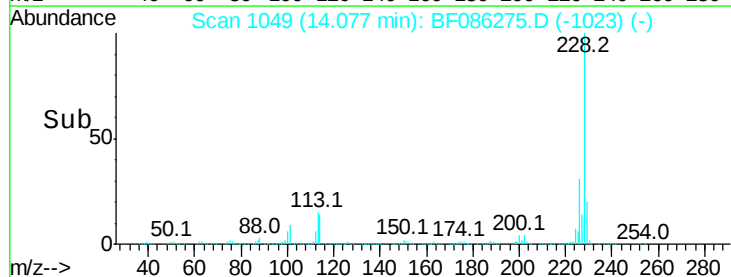
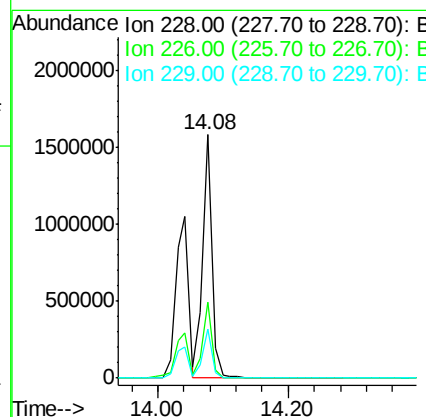
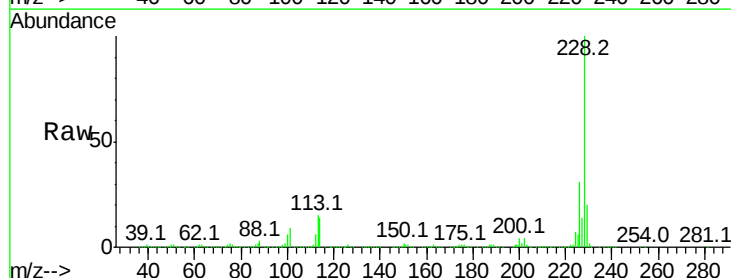
Manual Integrations
 APPROVED

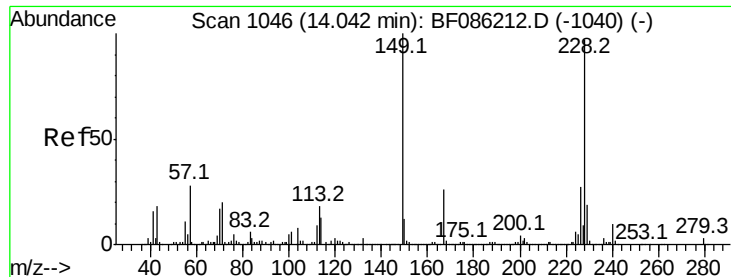
Sohil
 4/19/2016 6:21:27 PM



#82
 Chrysene
 Concen: 36.87 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1550981		
226	31.0	25.4	38.2	
229	20.0	16.5	24.7	





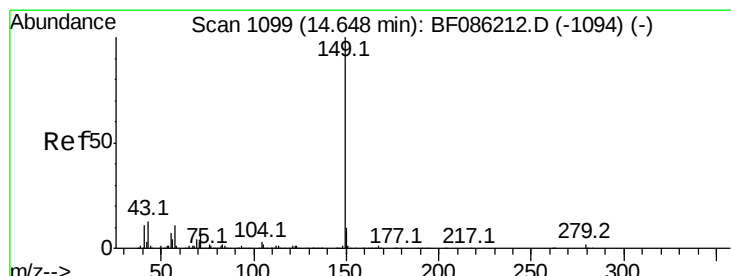
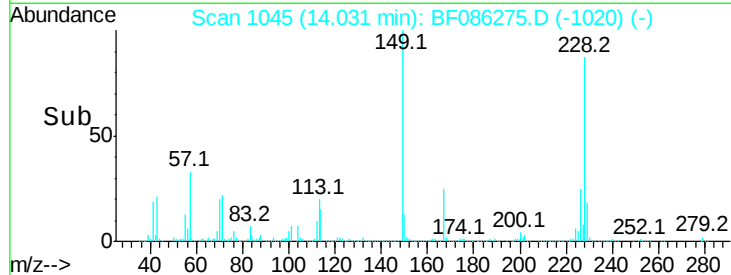
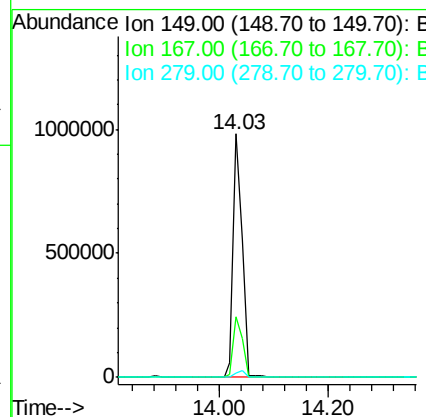
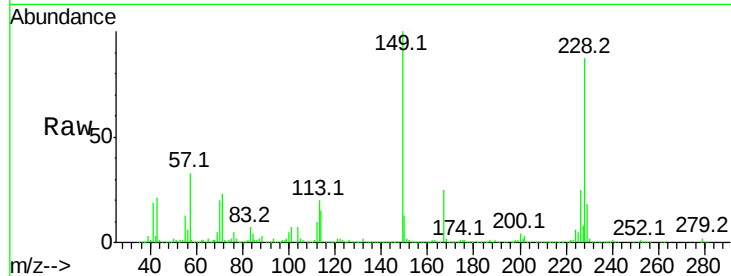
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.77 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	149	Resp:	1121232
Ion	Ratio	Lower	Upper
149	100		
167	24.8	21.0	31.4
279	1.9	2.4	3.6#

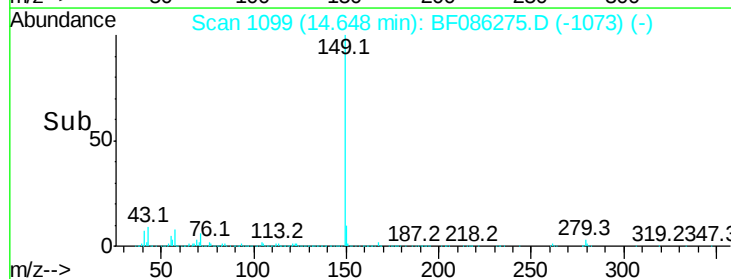
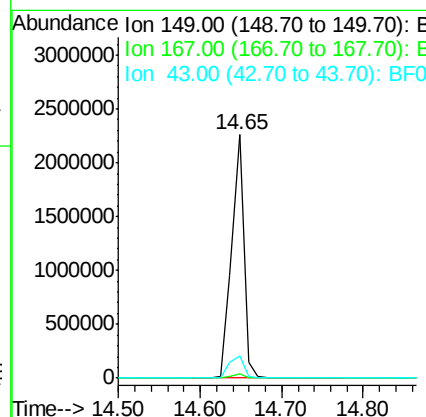
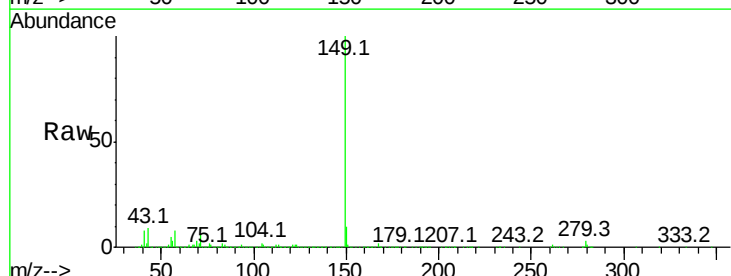
Manual Integrations
 APPROVED

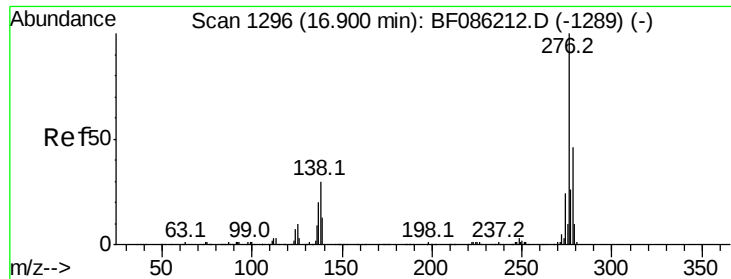
Sohil
 4/19/2016 6:21:27 PM



#84
 Di-n-octyl phthalate
 Concen: 44.04 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Tgt Ion:	149	Resp:	2334814
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.8	9.1	13.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.21 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1494166

Ion Ratio Lower Upper

276 100

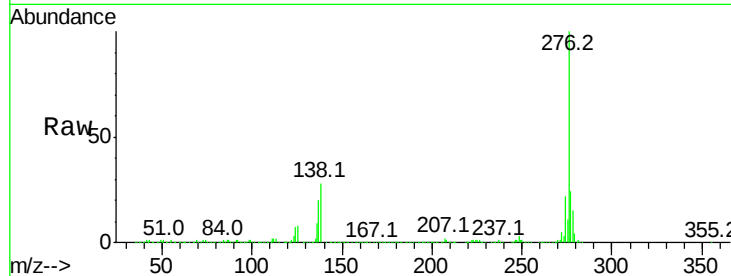
138 32.7 23.8 35.6

277 25.5 20.2 30.2

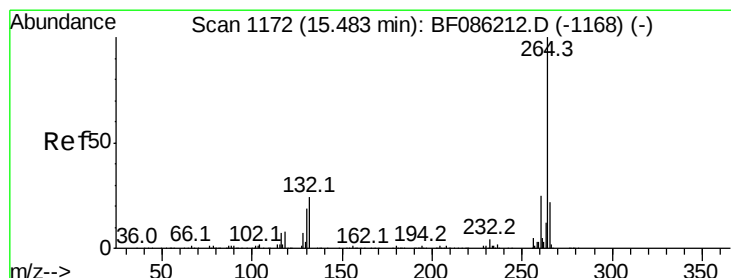
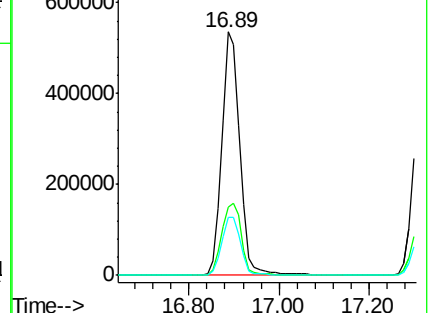
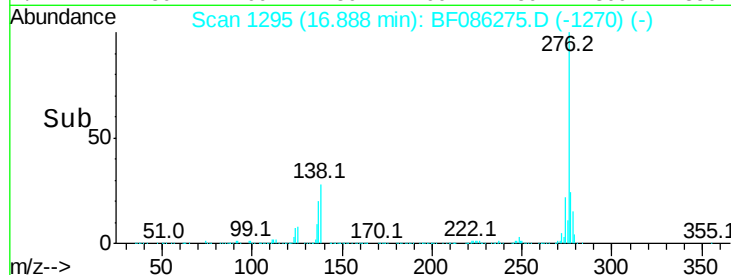
Manual Integrations
APPROVED

Sohil

4/19/2016 6:21:27 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

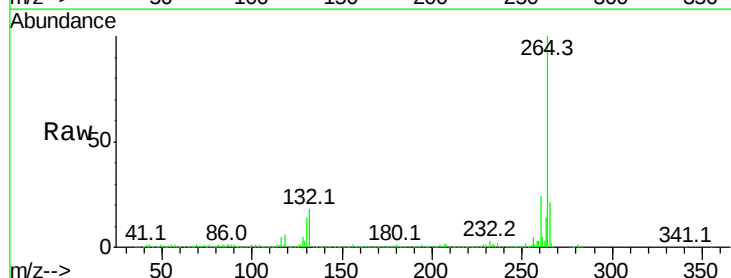
Tgt Ion:264 Resp: 659338

Ion Ratio Lower Upper

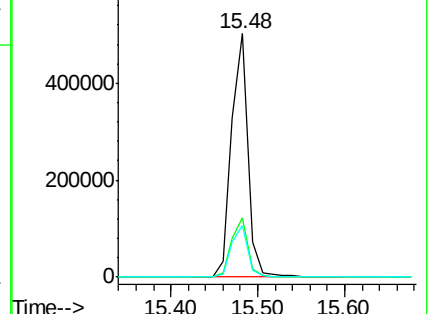
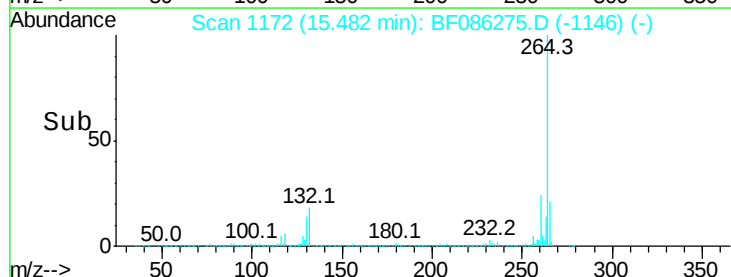
264 100

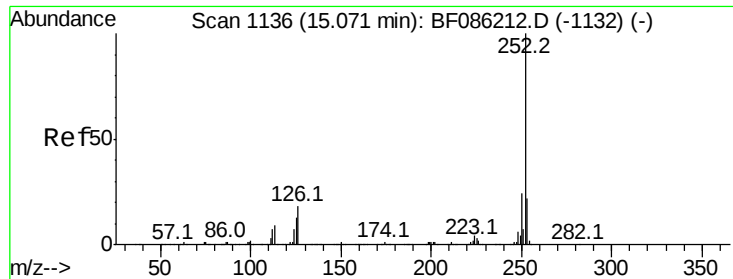
260 24.4 20.0 30.0

265 21.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.27 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

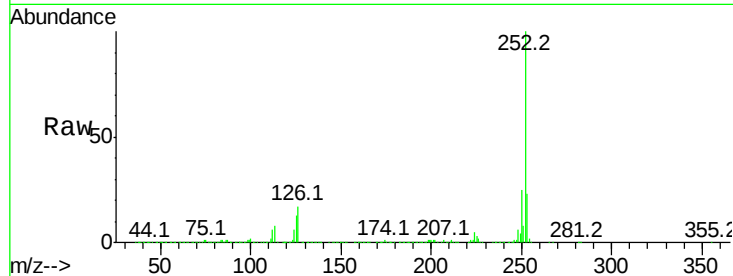
ClientSampleId :

SSTDCCC040

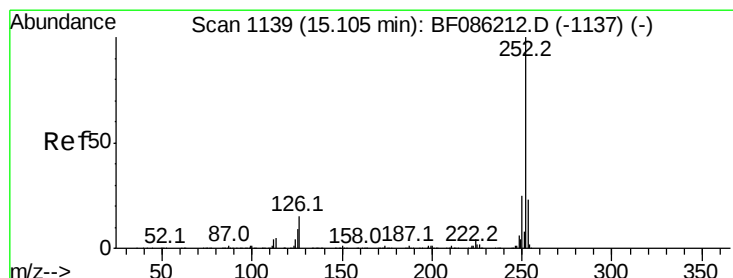
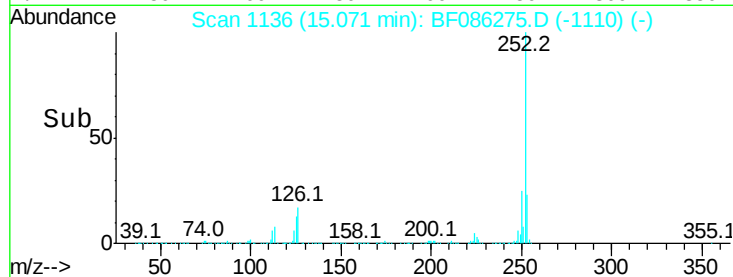
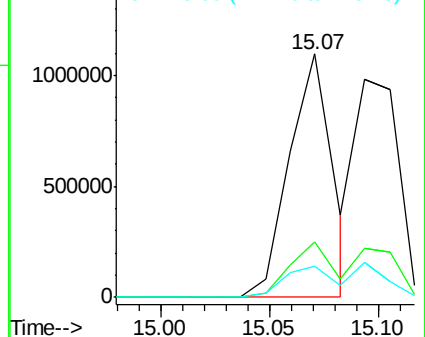
Tot Ion:	252	Resp:	1515947
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	12.7	10.3	15.5

Manual Integrations
APPROVED

Sohil
4/19/2016 6:21:27 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



#88

Benzo(k)fluoranthene

Concen: 37.12 ng m

RT: 15.09 min Scan# 1138

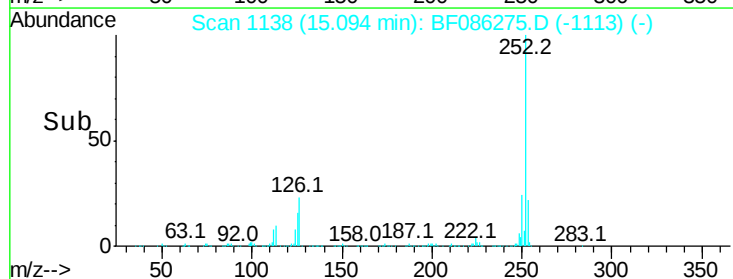
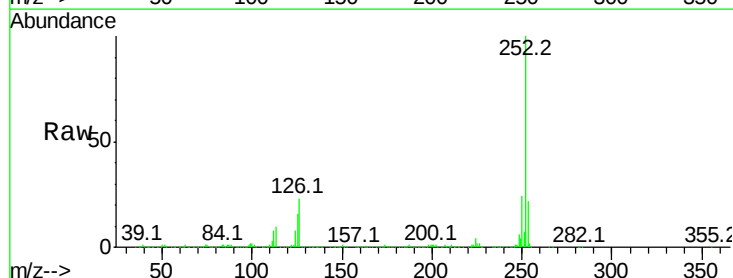
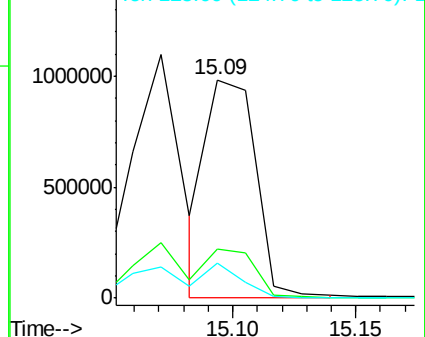
Delta R.T. -0.01 min

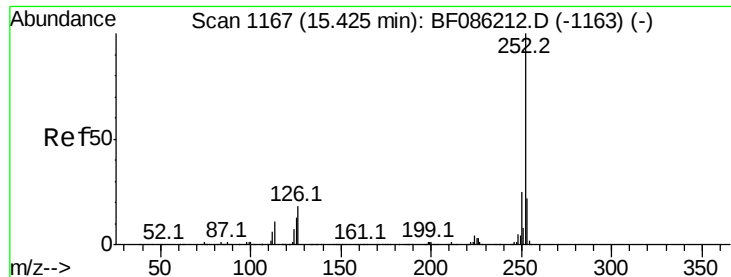
Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Tgt Ion:	252	Resp:	1376670
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	16.0	7.8	11.6#

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





#89

Benzo(a)pyrene

Concen: 39.63 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1396290

Ion Ratio Lower Upper

252 100

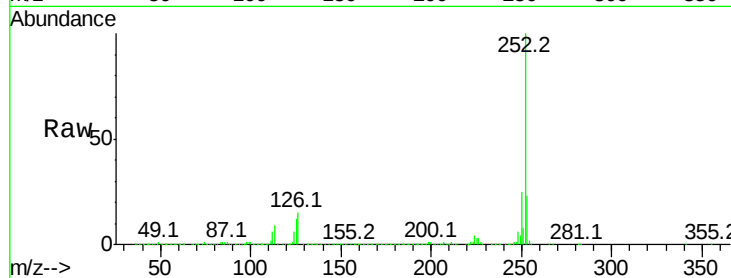
253 22.7 17.8 26.8

125 12.0 11.2 16.8

Manual Integrations
APPROVED

Sohil

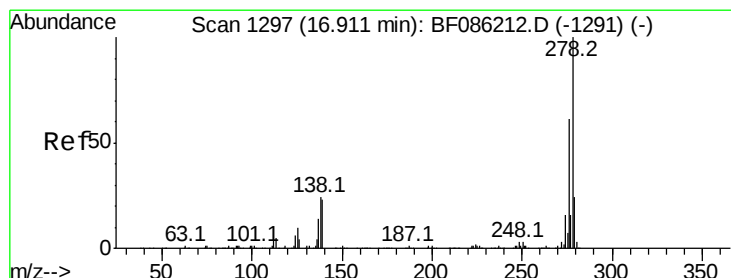
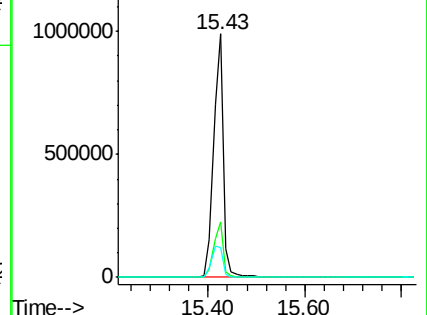
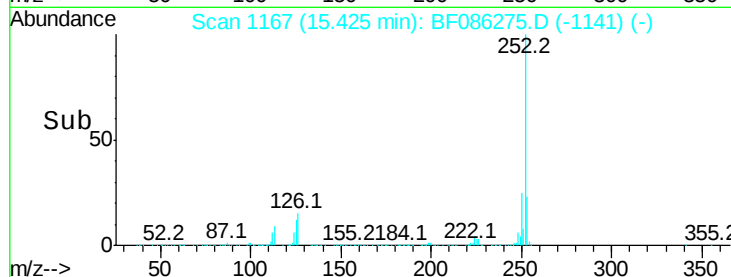
4/19/2016 6:21:27 PM



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: 39.11 ng

RT: 16.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF086275.D

Acq: 18 Apr 2016 11:54

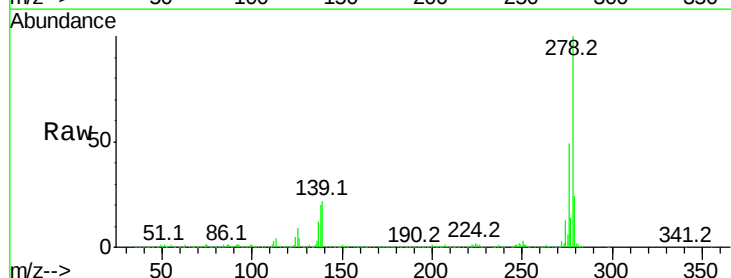
Tgt Ion:278 Resp: 1217735

Ion Ratio Lower Upper

278 100

139 21.8 15.3 22.9

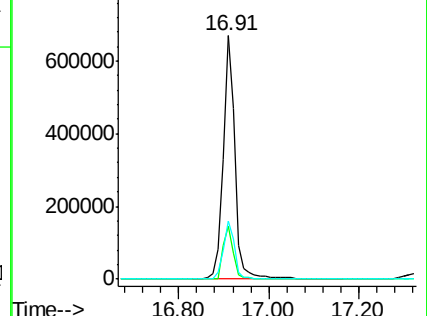
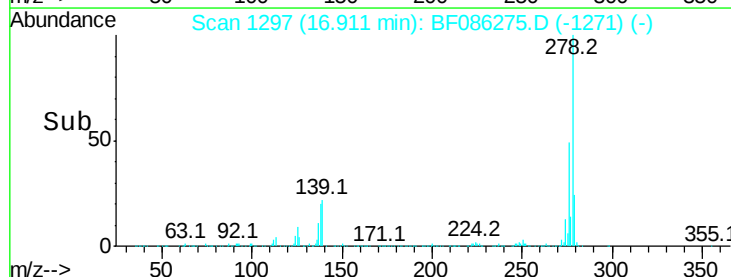
279 23.7 19.1 28.7

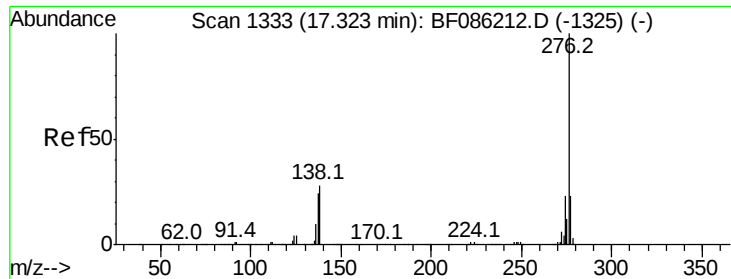


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.10 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF086275.D
 Acq: 18 Apr 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	28.3	19.6	29.4

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:21:27 PM

