

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085444.D
 Acq On : 14 Mar 2016 22:21
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:52 PM

Quant Time: Mar 15 04:00:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	246420	20.00	ng	-0.06
21) Naphthalene-d8	8.22	136	972450	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	407300	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	700636	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	403660	20.00	ng	-0.06
86) Perylene-d12	15.55	264	416368	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1191754	81.12	ng	-0.06
7) Phenol-d6	6.56	99	1479643	76.88	ng	-0.05
23) Nitrobenzene-d5	7.50	82	1259163	69.29	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	312172	89.57	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1822987	68.07	ng	-0.06
78) Terphenyl-d14	13.04	244	1534987	88.28	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	278839	37.12	ng	97
3) Pyridine	3.33	79	671173	35.70	ng	96
4) n-Nitrosodimethylamine	3.28	42	315574	39.21	ng	100
6) Aniline	6.60	93	988910	36.66	ng	95
8) 2-Chlorophenol	6.71	128	620133	35.06	ng	96
9) Benzaldehyde	6.47	77	367382	40.78	ng	100
10) Phenol	6.58	94	815001	39.54	ng	# 74
11) bis(2-Chloroethyl)ether	6.66	93	610117	35.63	ng	96
12) 1,3-Dichlorobenzene	6.87	146	743531	39.16	ng	97
13) 1,4-Dichlorobenzene	6.95	146	717344m	37.70	ng	
14) 1,2-Dichlorobenzene	7.10	146	609591	35.30	ng	98
15) Benzyl Alcohol	7.08	79	543097	38.44	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	852597	34.55	ng	96
17) 2-Methylphenol	7.19	107	586372	40.63	ng	97
18) Hexachloroethane	7.44	117	266263	37.93	ng	97
19) n-Nitroso-di-n-propylamine	7.35	70	398071	31.73	ng	# 92
20) 3+4-Methylphenols	7.34	107	556842	32.58	ng	# 78
22) Acetophenone	7.34	105	855197	36.03	ng	# 93
24) Nitrobenzene	7.52	77	773204	41.88	ng	# 83
25) Isophorone	7.76	82	1329729	39.48	ng	95
26) 2-Nitrophenol	7.83	139	384631	42.81	ng	# 79
27) 2,4-Dimethylphenol	7.88	122	629576	38.35	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	808042	43.08	ng	98
29) 2,4-Dichlorophenol	8.07	162	485317	36.65	ng	88
30) 1,2,4-Trichlorobenzene	8.16	180	580285	40.54	ng	93
31) Naphthalene	8.24	128	1895817	39.65	ng	99
32) Benzoic acid	8.01	122	503169	46.14	ng	99
33) 4-Chloroaniline	8.29	127	749066	38.73	ng	96
34) Hexachlorobutadiene	8.36	225	314168	42.18	ng	99
35) Caprolactam	8.68	113	172567	39.91	ng	93
36) 4-Chloro-3-methylphenol	8.77	107	521973	34.75	ng	100
37) 2-Methylnaphthalene	8.93	142	1047043	34.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	554006	47.56	ng	# 97
40) Hexachlorocyclopentadiene	9.08	237	144089	22.93	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085444.D
 Acq On : 14 Mar 2016 22:21
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:52 PM

Quant Time: Mar 15 04:00:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	348579	40.20	ng	97
43) 2,4,5-Trichlorophenol	9.25	196	359880	43.77	ng	99
45) 1,1'-Biphenyl	9.40	154	1404747	40.37	ng	96
46) 2-Chloronaphthalene	9.42	162	998180	37.63	ng	94
47) 2-Nitroaniline	9.51	65	301823	36.72	ng	92
48) Acenaphthylene	9.83	152	1533523	37.15	ng	99
49) Dimethylphthalate	9.69	163	1238554	39.62	ng	99
50) 2,6-Dinitrotoluene	9.76	165	317223	47.43	ng	# 79
51) Acenaphthene	10.00	154	1014150	40.46	ng	99
52) 3-Nitroaniline	9.92	138	334011	41.74	ng	# 81
53) 2,4-Dinitrophenol	10.02	184	99731	34.46	ng	# 69
54) Dibenzofuran	10.17	168	1209437	36.83	ng	98
55) 4-Nitrophenol	10.08	139	210293	33.44	ng	# 73
56) 2,4-Dinitrotoluene	10.16	165	377741	44.13	ng	95
57) Fluorene	10.52	166	958825	37.17	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	245025	42.42	ng	94
59) Diethylphthalate	10.39	149	1131157	37.29	ng	96
60) 4-Chlorophenyl-phenylether	10.50	204	509244	40.57	ng	88
61) 4-Nitroaniline	10.54	138	281660	37.64	ng	98
62) Azobenzene	10.66	77	1131981	37.87	ng	95
64) 4,6-Dinitro-2-methylphenol	10.57	198	174699	41.64	ng	95
65) n-Nitrosodiphenylamine	10.63	169	895155	41.08	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	290511	42.70	ng	# 86
67) Hexachlorobenzene	11.06	284	299121	41.21	ng	# 80
68) Atrazine	11.16	200	256909	42.39	ng	99
69) Pentachlorophenol	11.26	266	180255	44.74	ng	98
70) Phenanthrene	11.48	178	1369731	37.30	ng	99
71) Anthracene	11.53	178	1482803	38.04	ng	99
72) Carbazole	11.68	167	1138691	33.31	ng	99
73) Di-n-butylphthalate	12.01	149	1661440	38.45	ng	99
74) Fluoranthene	12.67	202	1156188	31.38	ng	98
76) Benzidine	12.78	184	288898	24.05	ng	99
77) Pyrene	12.89	202	1107829	36.46	ng	100
79) Butylbenzylphthalate	13.51	149	598388	43.41	ng	# 84
80) Benzo(a)anthracene	14.08	228	931196	38.54	ng	99
81) 3,3'-Dichlorobenzidine	14.05	252	341030	44.74	ng	# 95
82) Chrysene	14.12	228	740972	33.19	ng	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	765508	42.20	ng	# 96
84) Di-n-octyl phthalate	14.68	149	1114047	40.32	ng	99
85) Indeno(1,2,3-cd)pyrene	17.01	276	1096161	62.92	ng	97
87) Benzo(b)fluoranthene	15.12	252	1097441m	39.54	ng	
88) Benzo(k)fluoranthene	15.16	252	676406m	30.22	ng	
89) Benzo(a)pyrene	15.49	252	895677	38.95	ng	# 96
90) Dibenzo(a,h)anthracene	17.02	278	926708	47.21	ng	99
91) Benzo(g,h,i)perylene	17.45	276	879005	44.53	ng	# 93

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

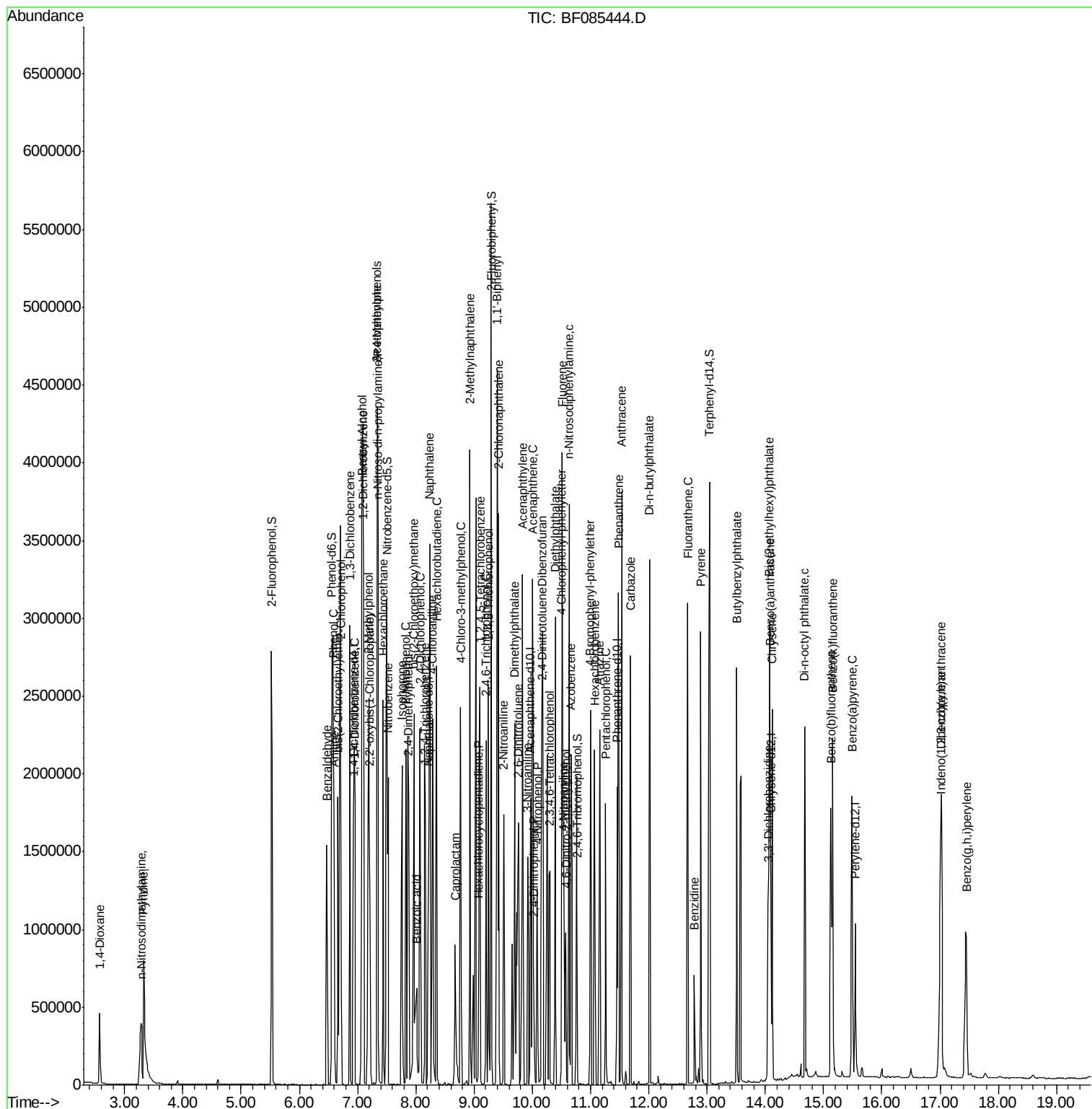
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\  
Data File : BF085444.D  
Acq On    : 14 Mar 2016   22:21  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

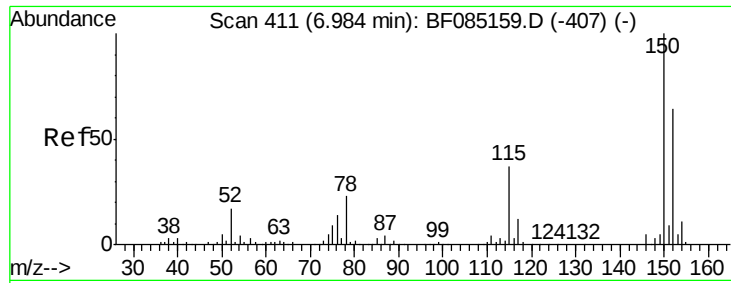
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Sohil
3/15/2016 2:09:52 PM

Quant Time: Mar 15 04:00:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





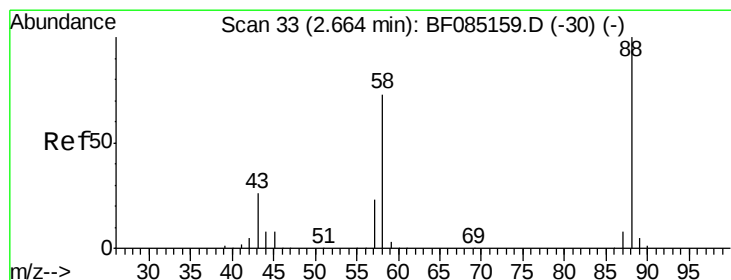
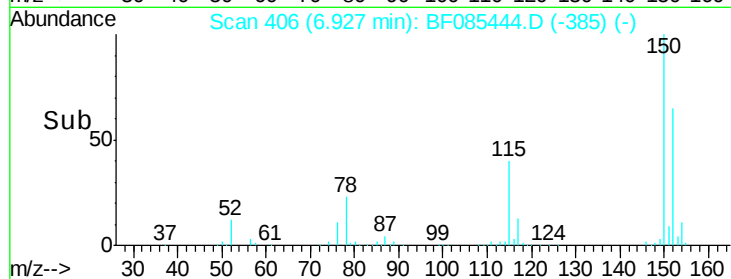
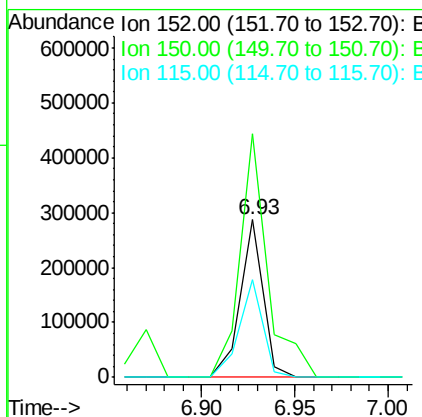
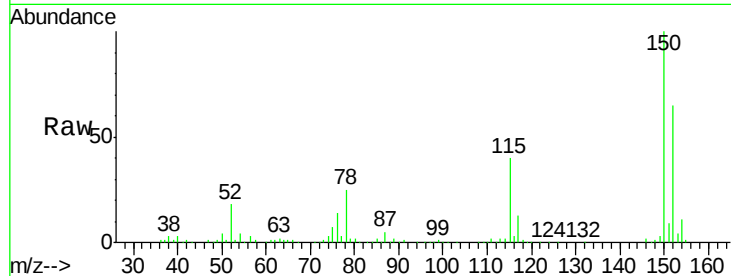
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 406
 Delta R.T. -0.06 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	62.1	46.6	70.0

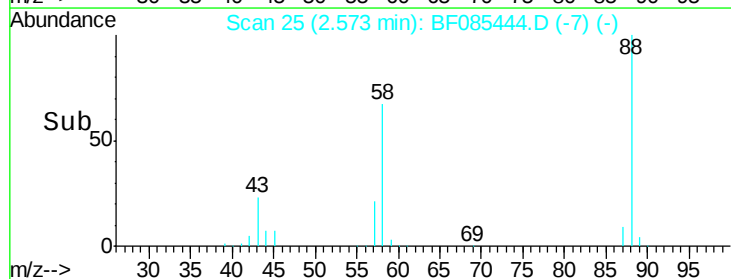
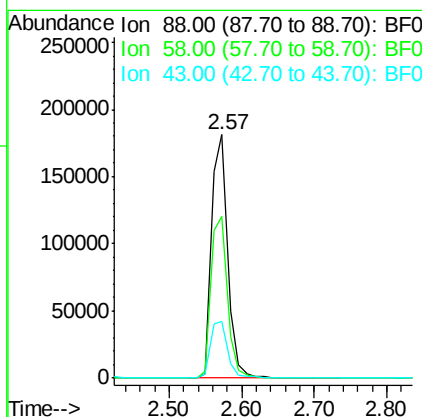
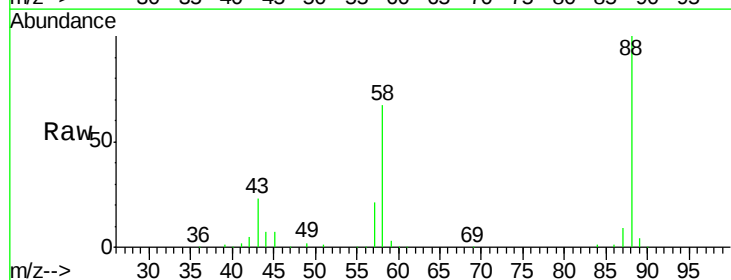
Manual Integrations
 APPROVED

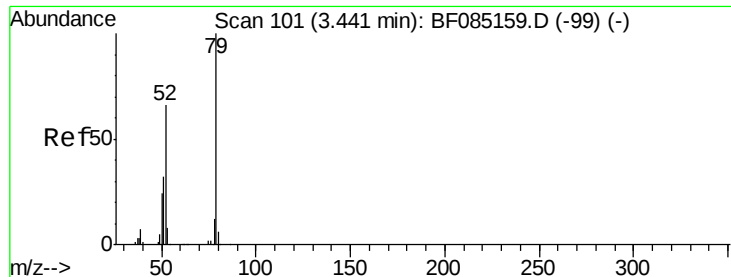
Sohil
 3/15/2016 2:09:52 PM



#2
 1,4-Dioxane
 Concen: 37.12 ng
 RT: 2.57 min Scan# 25
 Delta R.T. -0.09 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	57.0	85.6
43	24.4	20.5	30.7





#3

Pyridine

Concen: 35.70 ng

RT: 3.33 min Scan# 91

Delta R.T. -0.11 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

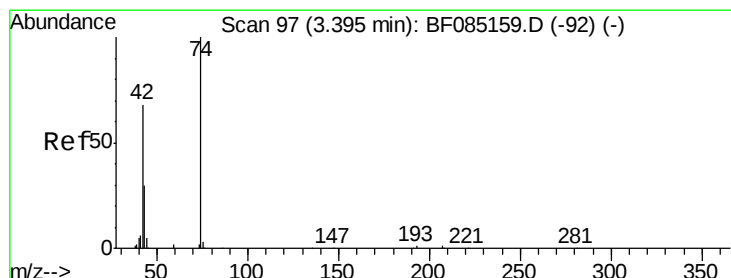
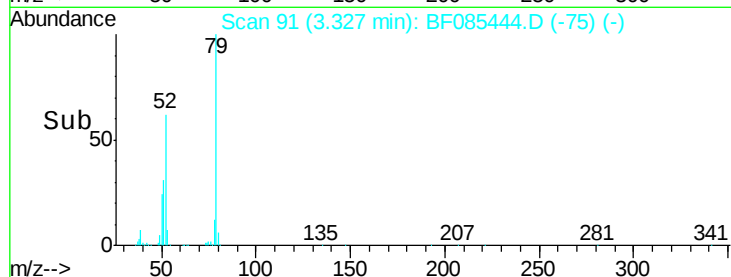
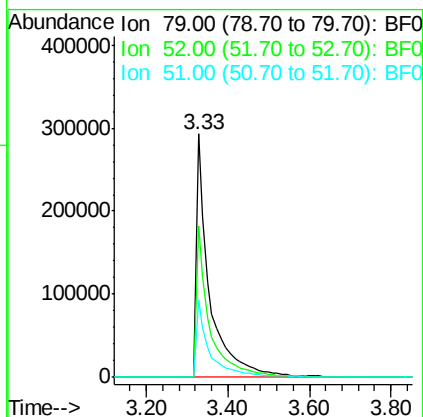
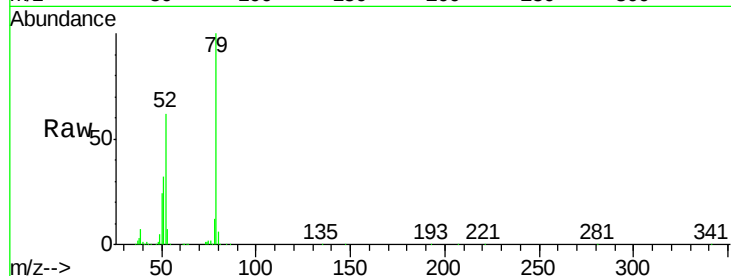
SSTDCCC040EC

Manual Integrations
APPROVED

Sohil

3/15/2016 2:09:52 PM

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.2	52.6	79.0
51	31.5	25.8	38.8



#4

n-Nitrosodimethylamine

Concen: 39.21 ng

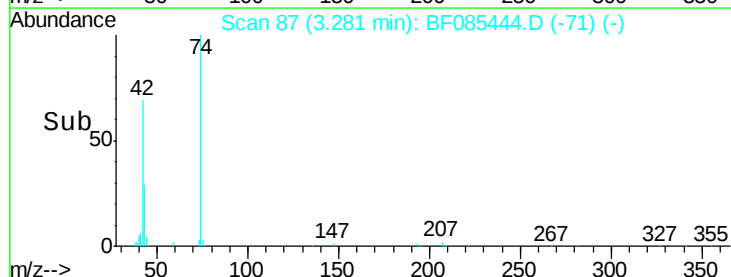
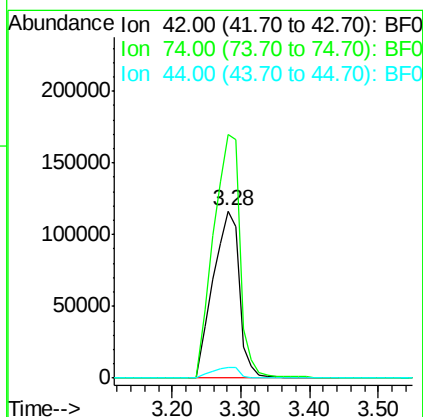
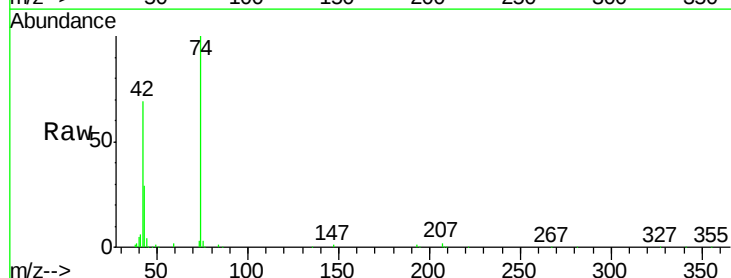
RT: 3.28 min Scan# 87

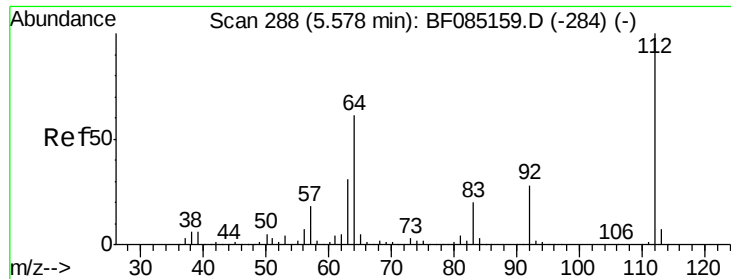
Delta R.T. -0.11 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.5	116.8	175.2
44	6.2	5.5	8.3





#5

2-Fluorophenol

Concen: 81.12 ng

RT: 5.52 min Scan# 283

Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 112 Resp: 1191754

Ion Ratio Lower Upper

112 100

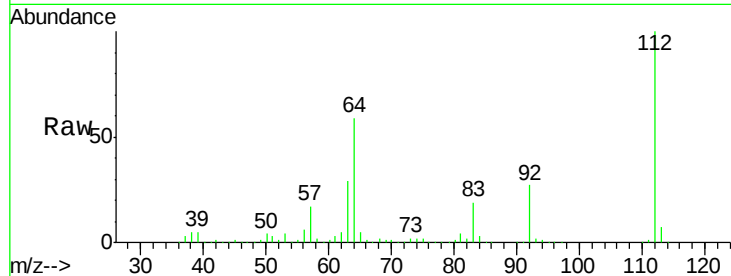
64 58.5 49.0 73.4

63 29.2 24.8 37.2

Manual Integrations
APPROVED

Sohil

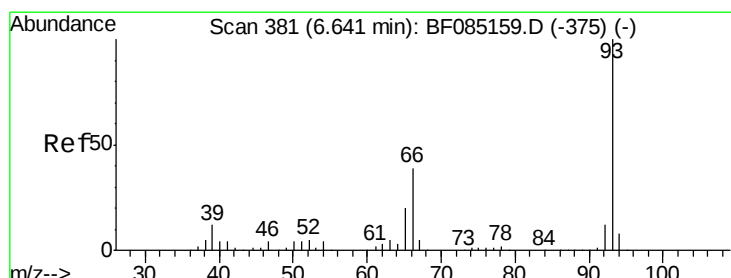
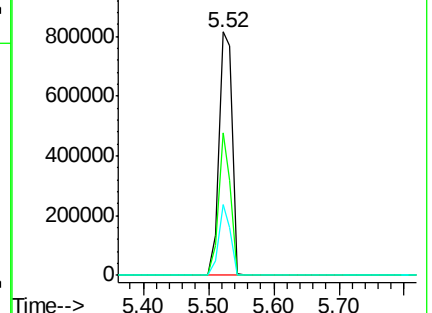
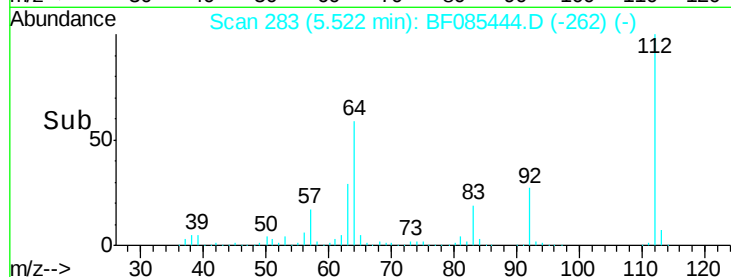
3/15/2016 2:09:52 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.66 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

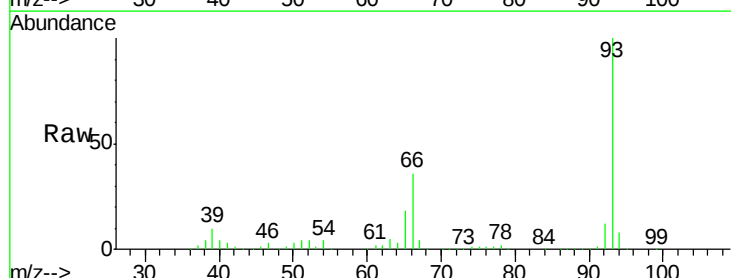
Tgt Ion: 93 Resp: 988910

Ion Ratio Lower Upper

93 100

66 36.1 31.6 47.4

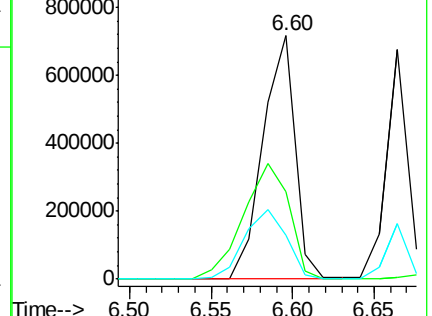
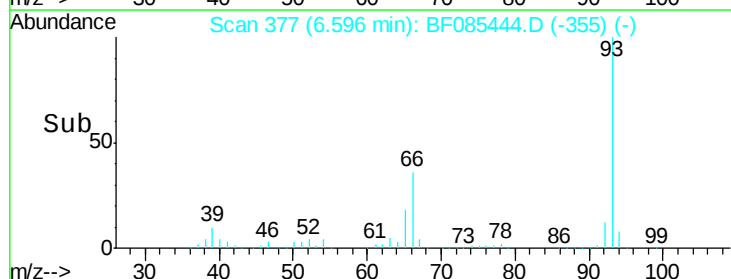
65 17.9 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.88 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1479643

Ion Ratio Lower Upper

99 100

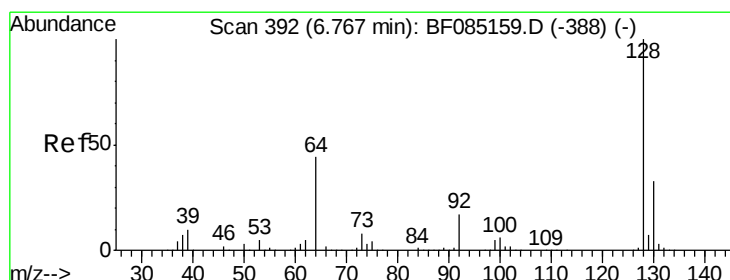
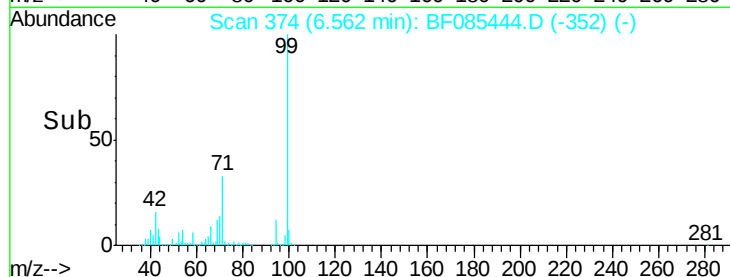
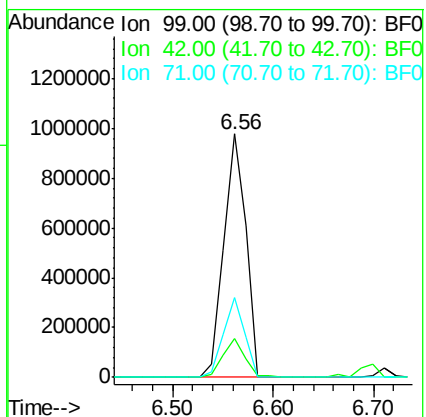
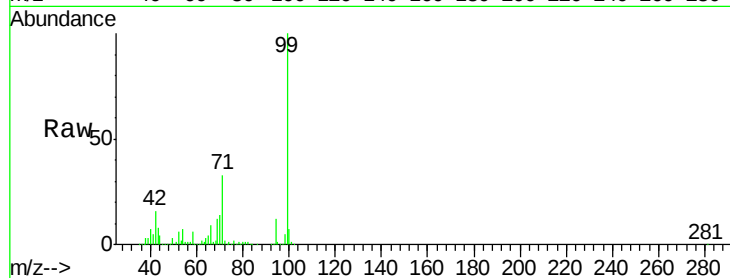
42 15.8 13.6 20.4

71 32.5 26.7 40.1

Manual Integrations
APPROVED

Sohil

3/15/2016 2:09:52 PM



#8

2-Chlorophenol

Concen: 35.06 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

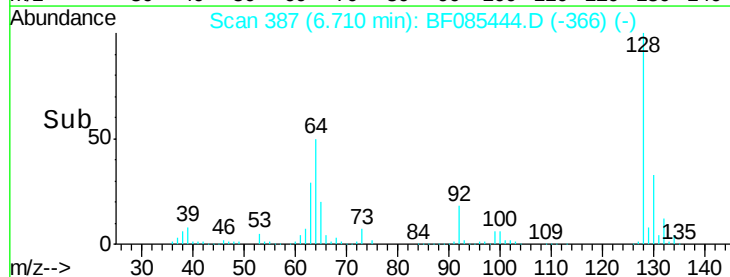
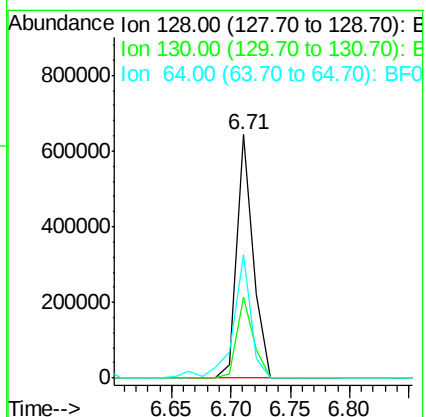
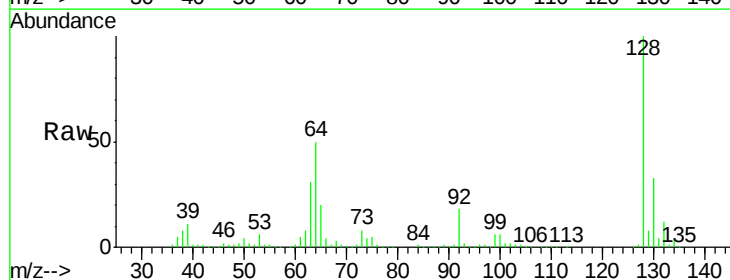
Tgt Ion: 128 Resp: 620133

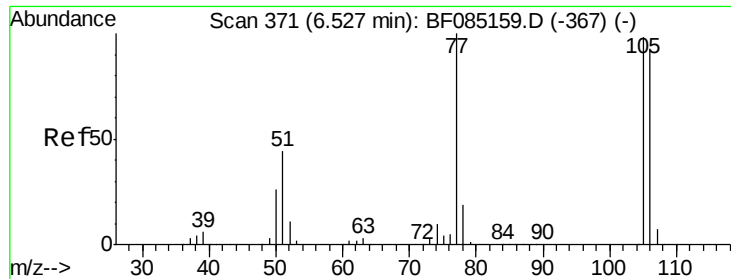
Ion Ratio Lower Upper

128 100

130 33.3 13.3 53.3

64 50.4 25.7 65.7





#9

Benzaldehyde

Concen: 40.78 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

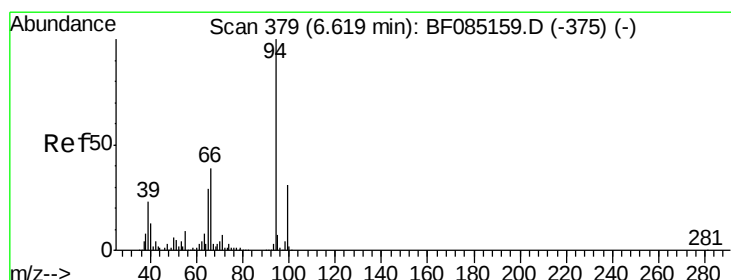
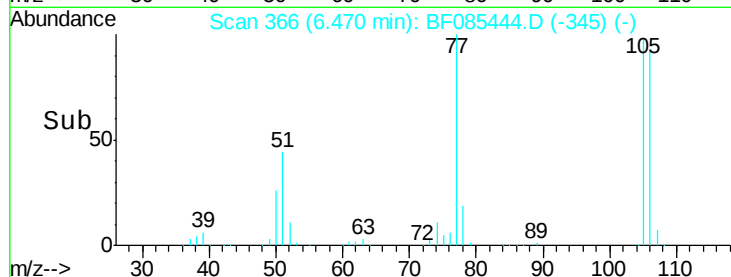
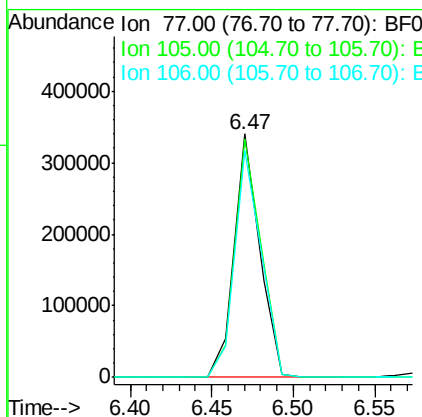
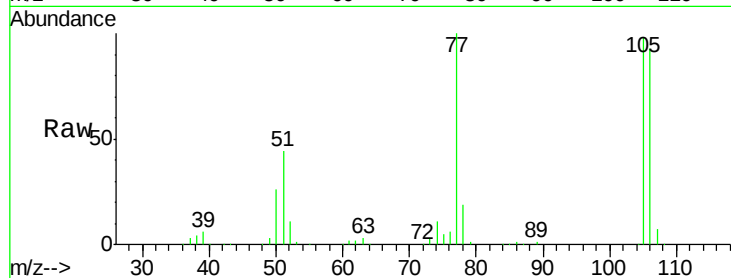
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	77	Resp:	367382
Ion Ratio	Lower	Upper	
77	100		
105	97.8	78.2	118.2
106	93.0	72.9	112.9

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#10

Phenol

Concen: 39.54 ng

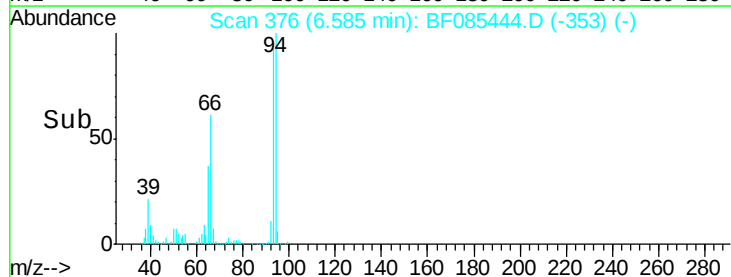
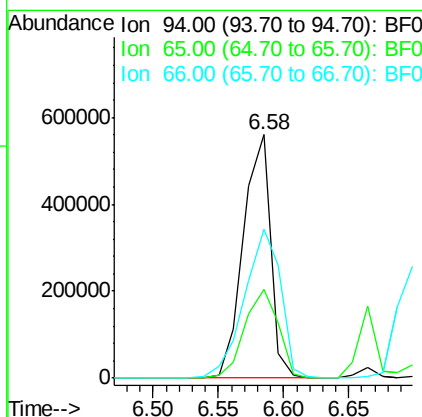
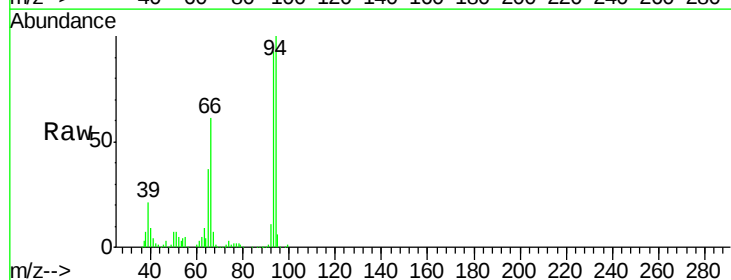
RT: 6.58 min Scan# 376

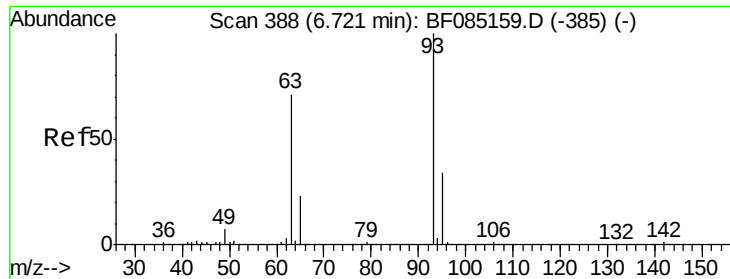
Delta R.T. -0.03 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt Ion:	94	Resp:	815001
Ion Ratio	Lower	Upper	
94	100		
65	36.7	9.1	49.1
66	61.0	19.3	59.3#





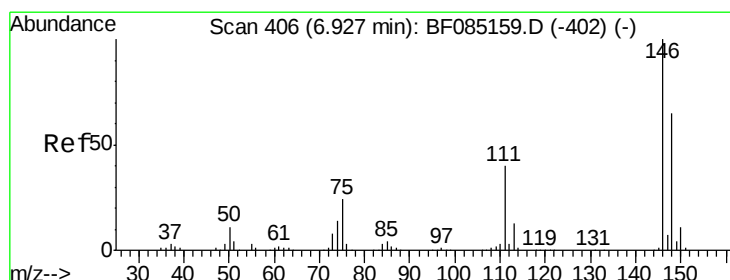
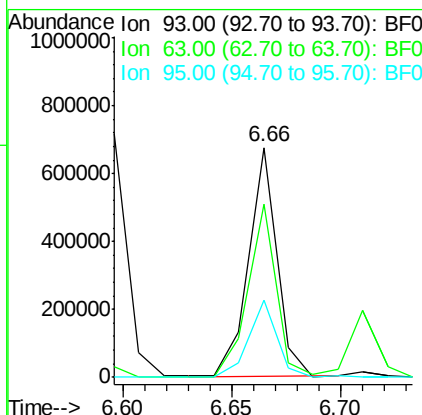
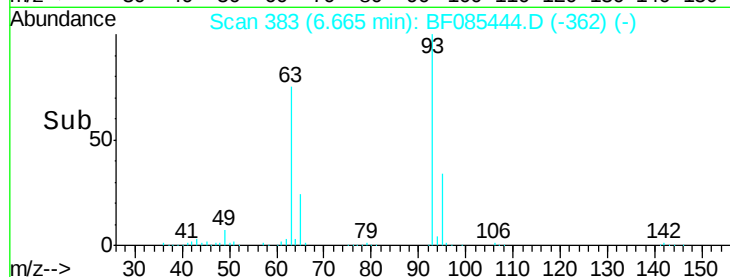
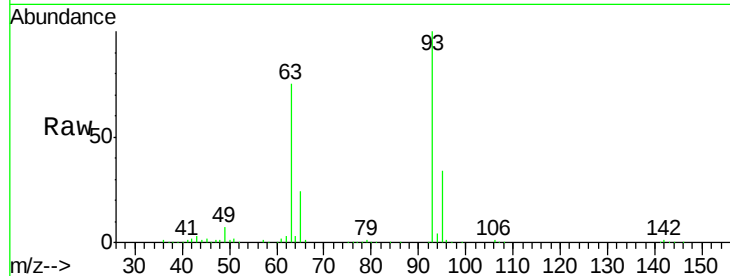
#11
bis(2-Chloroethyl)ether
Concen: 35.63 ng
RT: 6.66 min Scan# 383
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	610117		
63	75.3	50.9	90.9	
95	33.5	13.7	53.7	

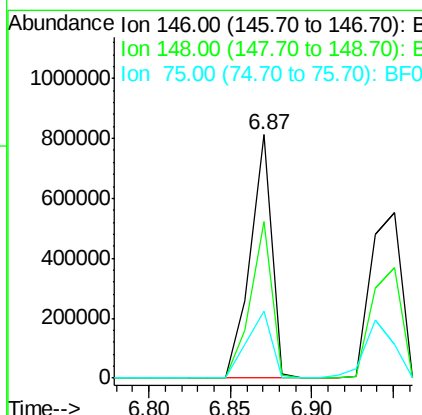
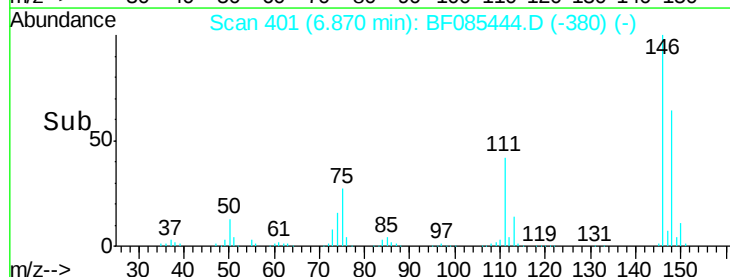
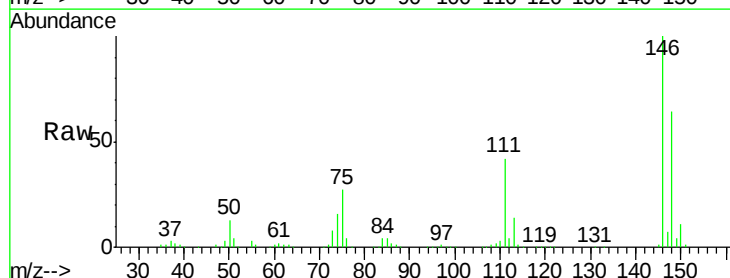
Manual Integrations
APPROVED

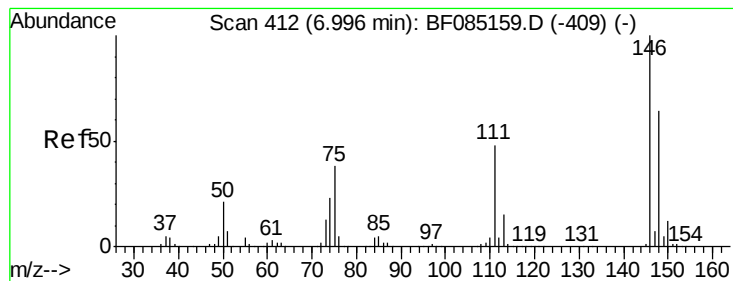
Sohil
3/15/2016 2:09:52 PM



#12
1,3-Dichlorobenzene
Concen: 39.16 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	743531		
148	64.1	52.1	78.1	
75	27.4	19.5	29.3	





#13

1,4-Dichlorobenzene

Concen: 37.70 ng m

RT: 6.95 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

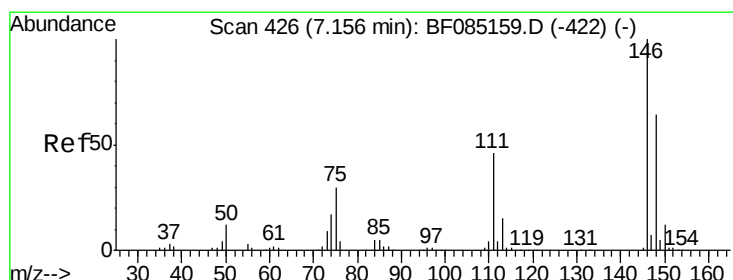
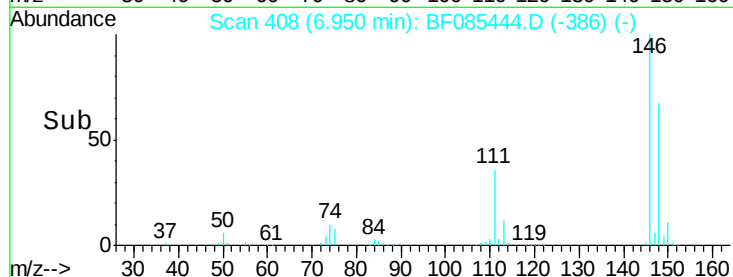
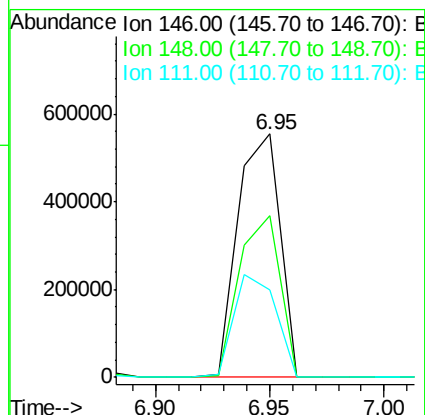
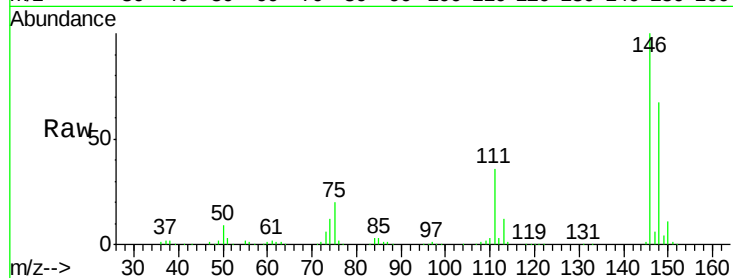
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	146	Resp:	717344
Ion Ratio	Lower	Upper	
146	100		
148	66.6	51.3	76.9
111	35.7	38.4	57.6#

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#14

1,2-Dichlorobenzene

Concen: 35.30 ng

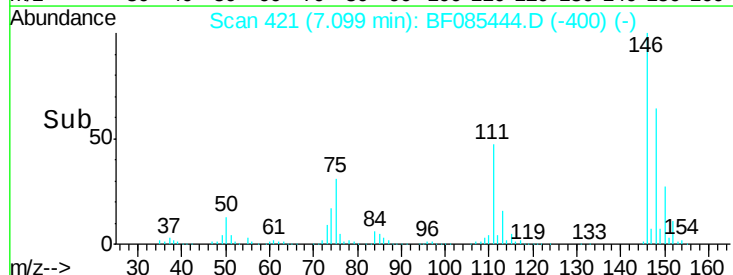
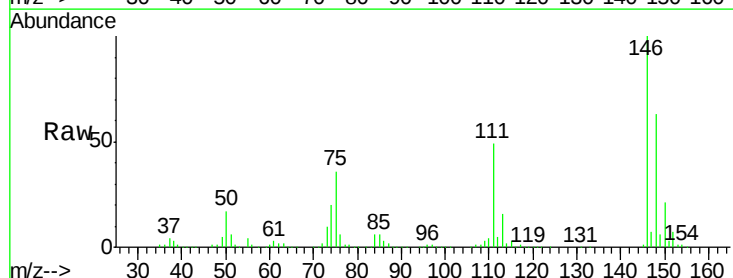
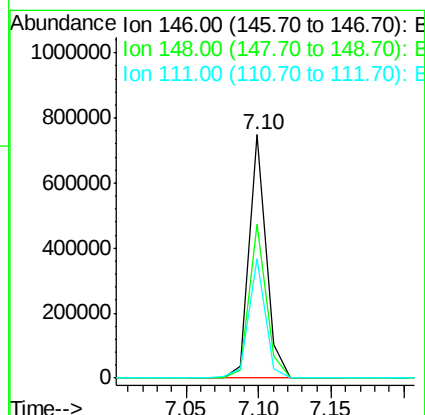
RT: 7.10 min Scan# 421

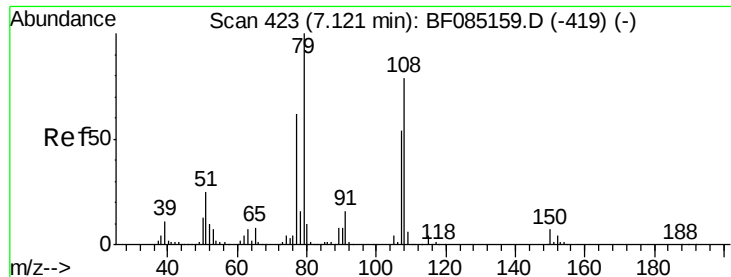
Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt Ion:	146	Resp:	609591
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.2
111	48.9	36.7	55.1





#15

Benzyl Alcohol

Concen: 38.44 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

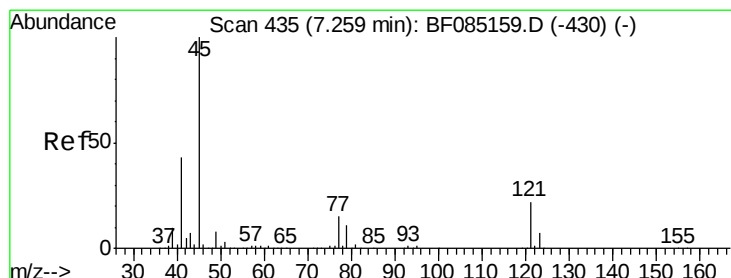
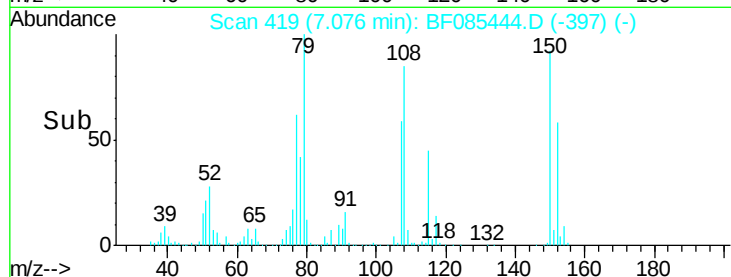
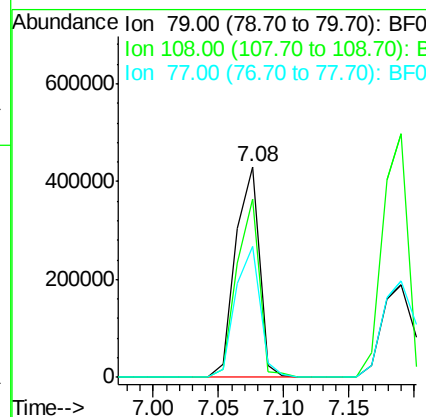
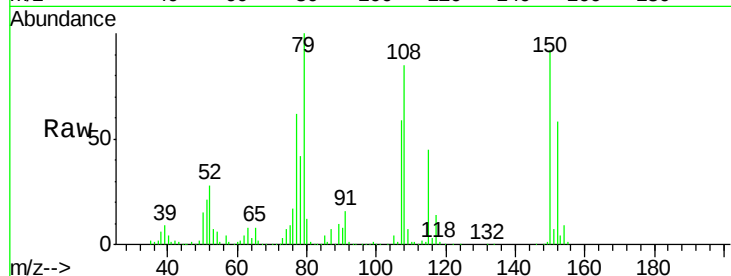
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	543097
Ion Ratio	Lower	Upper	
79	100		
108	84.8	62.9	94.3
77	62.0	49.5	74.3

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.55 ng

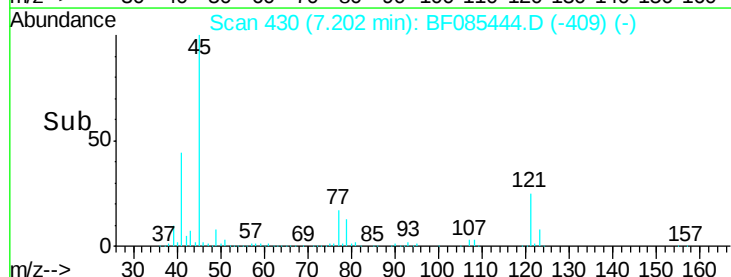
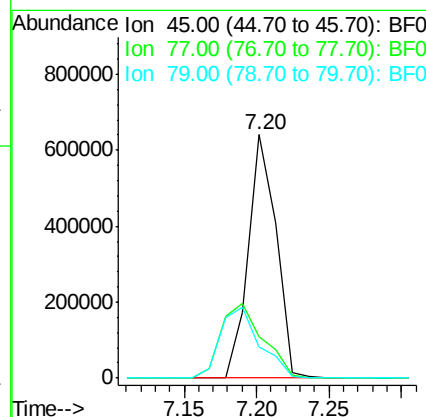
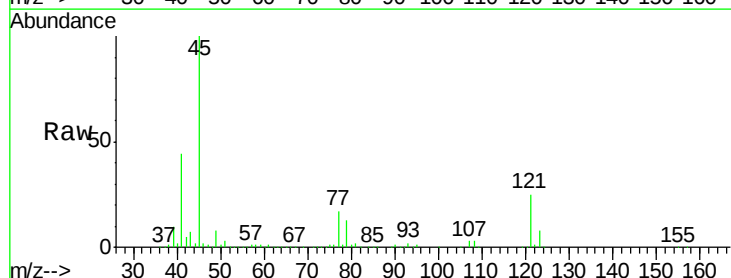
RT: 7.20 min Scan# 430

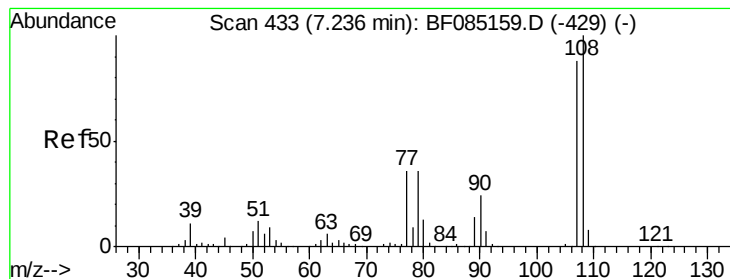
Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt Ion:	45	Resp:	852597
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	35.1
79	12.8	0.0	31.3





#17

2-Methylphenol

Concen: 40.63 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

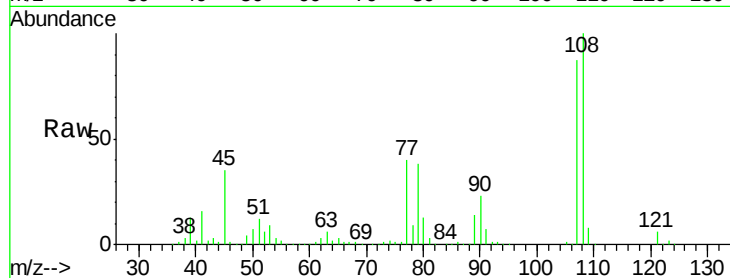
ClientSampleId :

SSTDCCC040EC

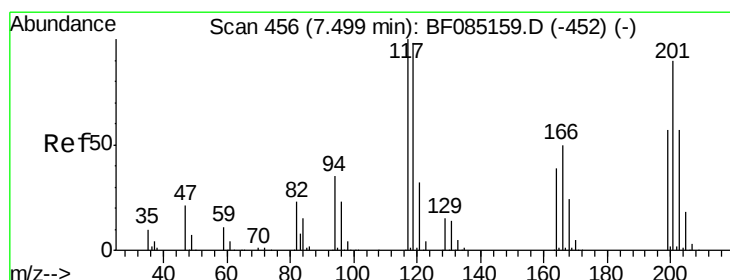
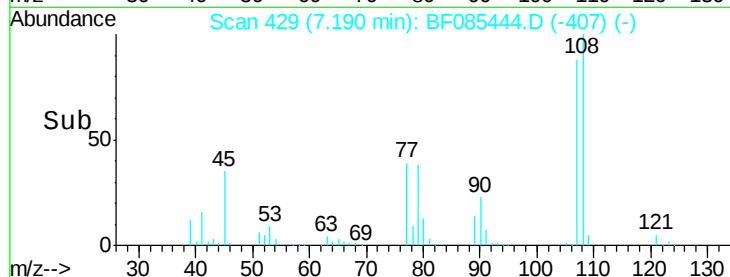
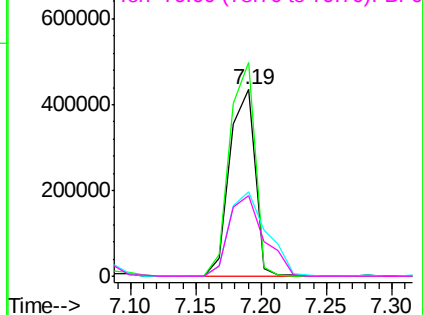
Tgt Ion:	107	Resp:	586372
Ion Ratio	Lower	Upper	
107	100		
108	114.4	90.9	136.3
77	45.3	32.6	48.8
79	43.2	32.8	49.2

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.93 ng

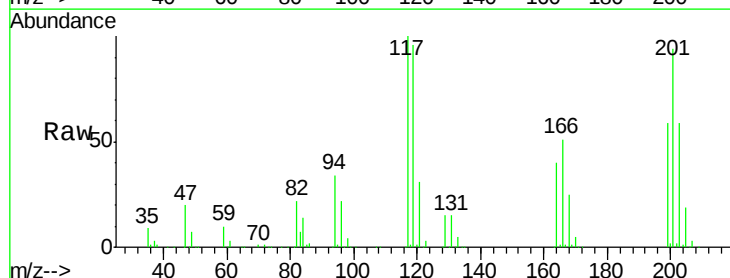
RT: 7.44 min Scan# 451

Delta R.T. -0.06 min

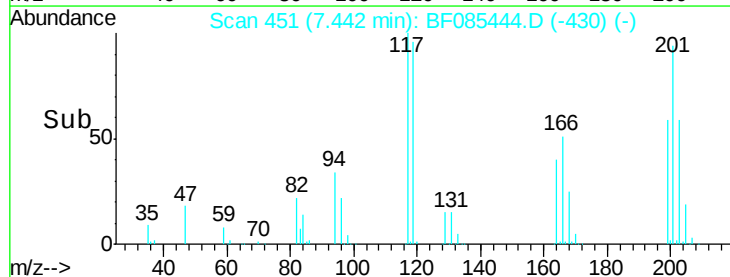
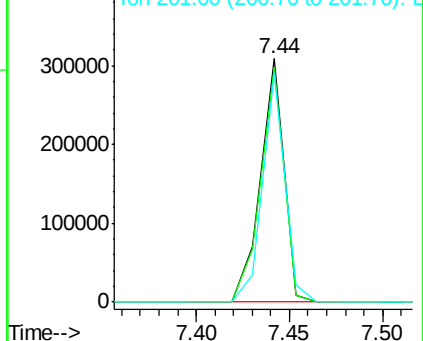
Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt Ion:	117	Resp:	266263
Ion Ratio	Lower	Upper	
117	100		
119	96.5	78.2	117.4
201	94.2	72.0	108.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





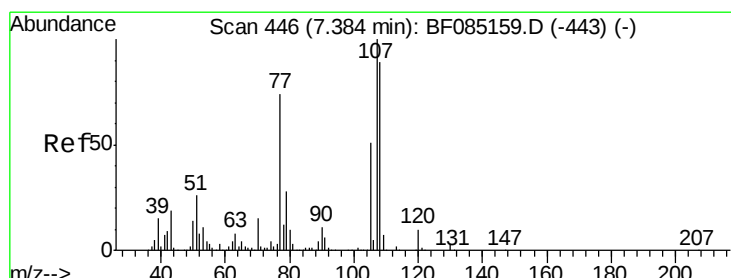
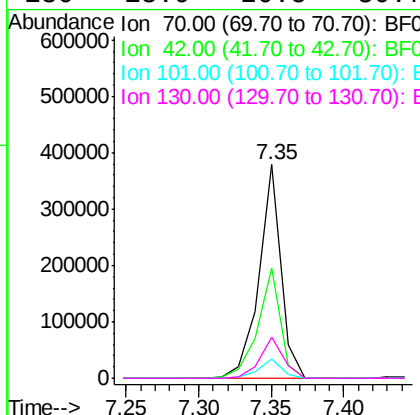
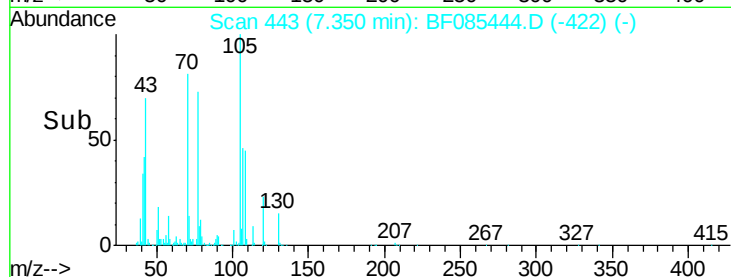
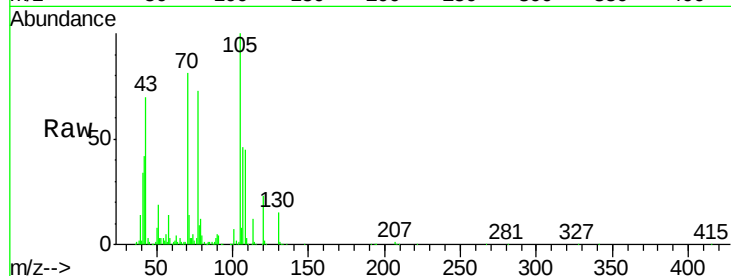
#19
n-Nitroso-di-n-propylamine
Concen: 31.73 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	398071		
42	51.8	37.7	56.5	
101	9.3	8.2	12.4	
130	18.9	20.5	30.7	#

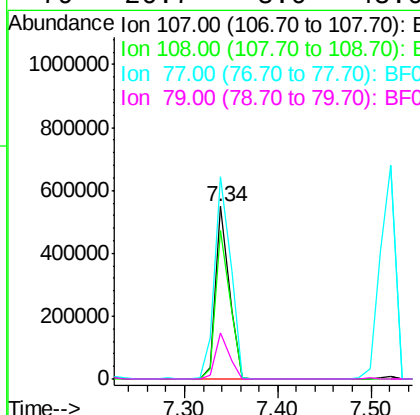
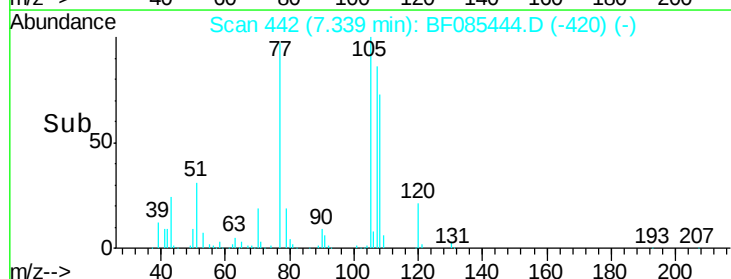
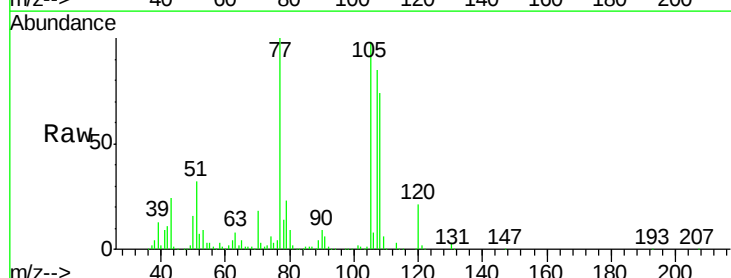
Manual Integrations
APPROVED

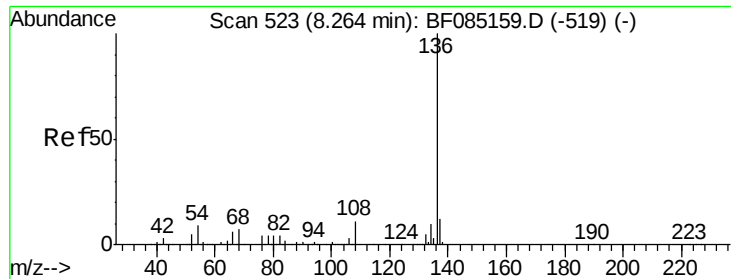
Sohil
3/15/2016 2:09:52 PM



#20
3+4-Methylphenols
Concen: 32.58 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	556842		
108	86.4	68.8	108.8	
77	117.1	53.6	93.6	#
79	26.7	8.0	48.0	





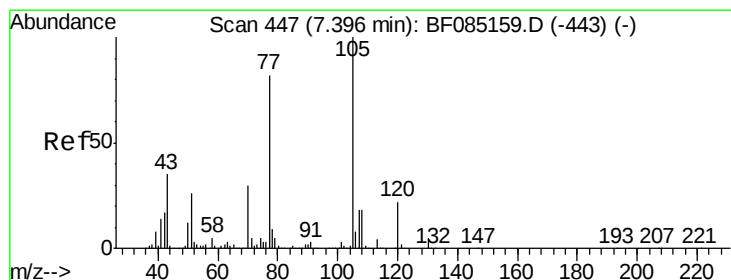
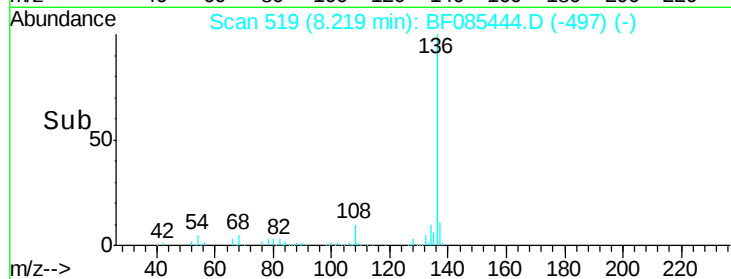
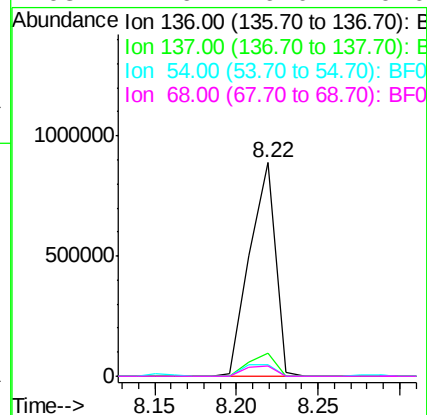
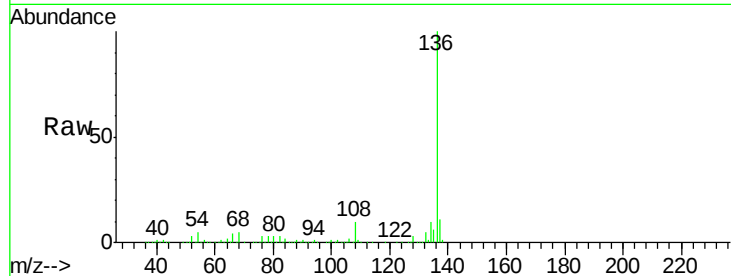
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.3	13.9
54	5.5	7.4	11.2#
68	4.6	6.0	9.0#

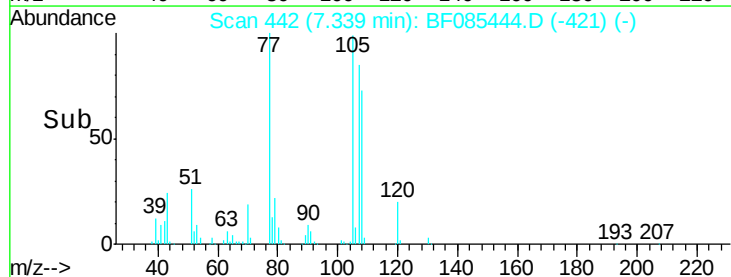
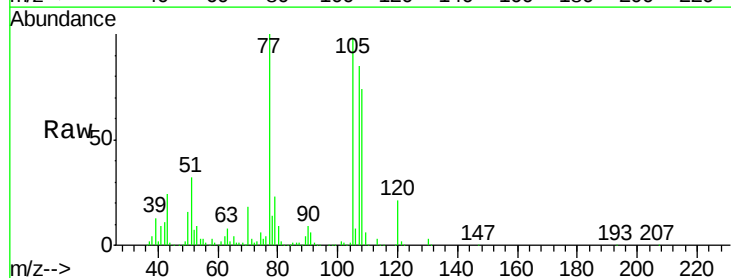
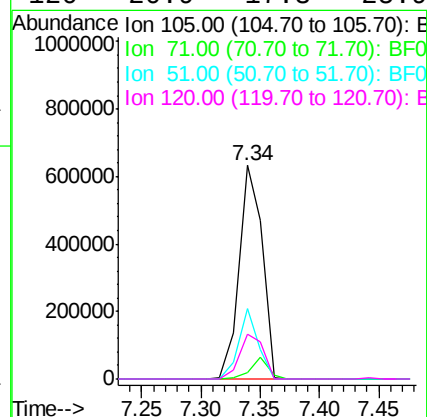
Manual Integrations
APPROVED

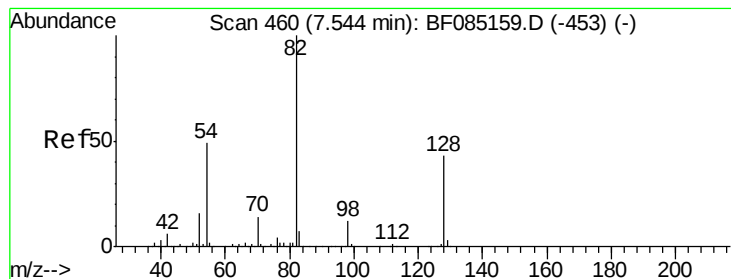
Sohil
3/15/2016 2:09:52 PM



#22
Acetophenone
Concen: 36.03 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.1	4.1	6.1#
51	32.8	21.1	31.7#
120	20.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 69.29 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1259163

Ion Ratio Lower Upper

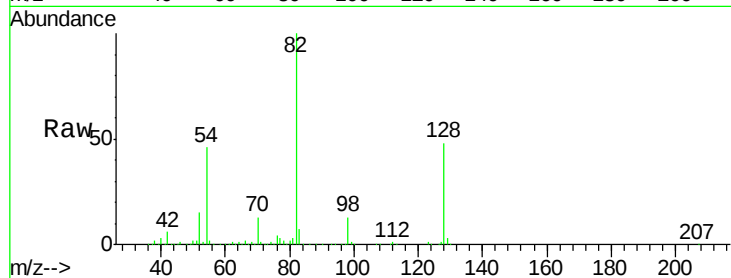
82 100

128 47.9 34.5 51.7

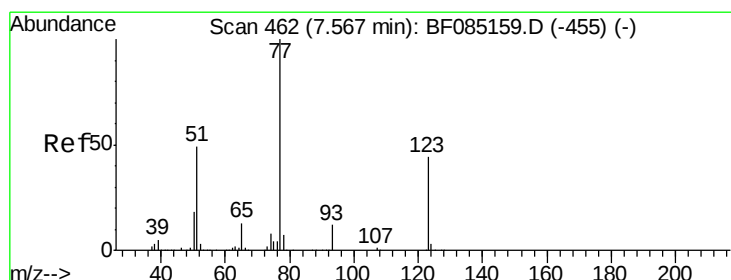
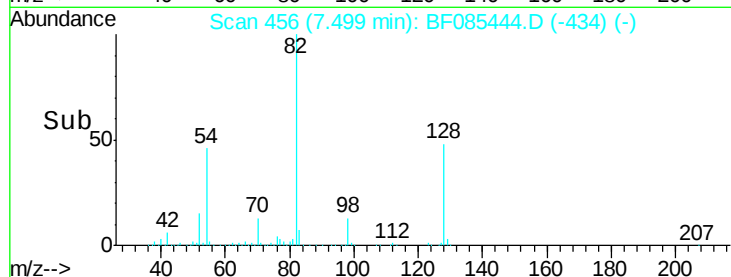
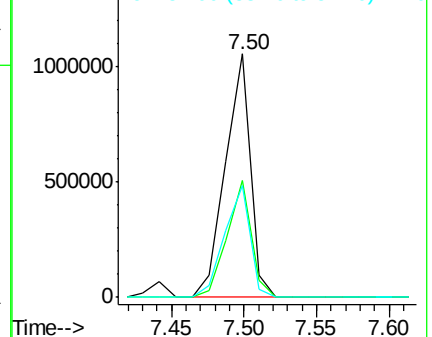
54 46.1 39.3 58.9

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 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: 41.88 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

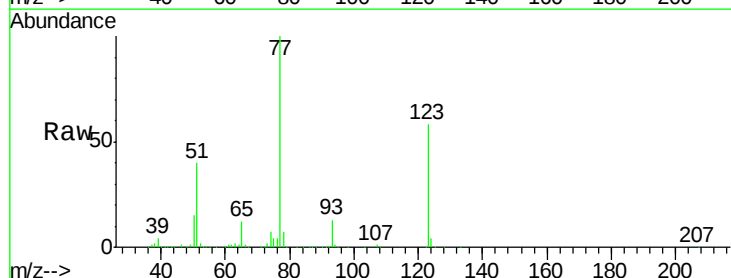
Tgt Ion: 77 Resp: 773204

Ion Ratio Lower Upper

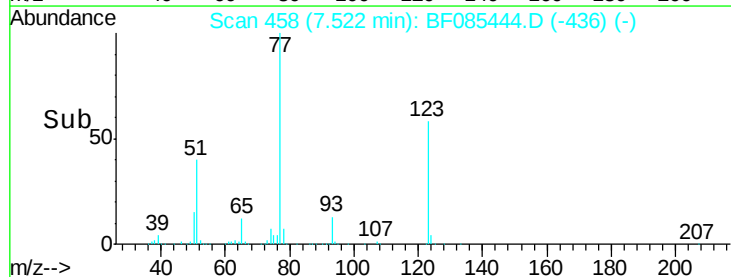
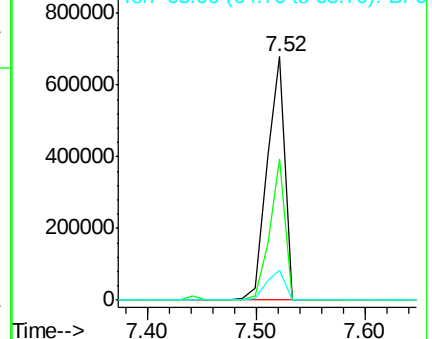
77 100

123 58.1 35.4 53.2#

65 12.2 10.6 16.0



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: 39.48 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1329729

Ion Ratio Lower Upper

82 100

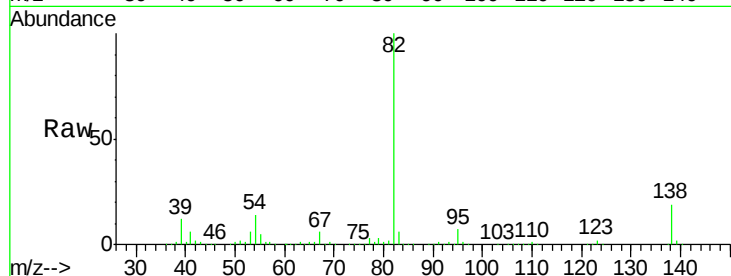
95 7.2 5.4 8.2

138 19.3 13.3 19.9

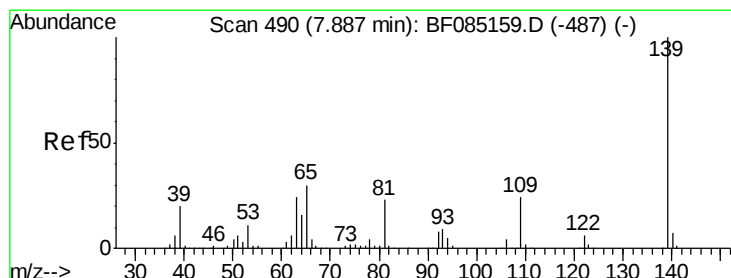
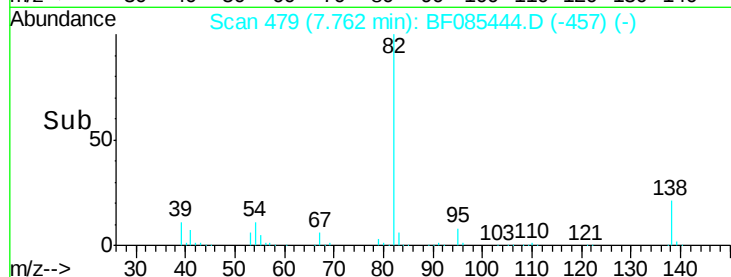
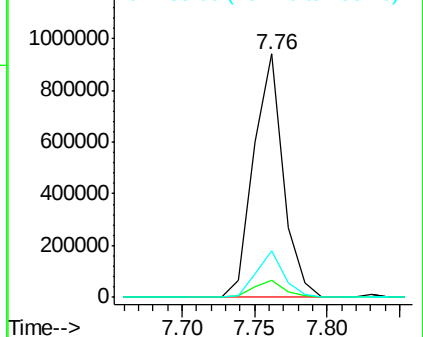
Manual Integrations
APPROVED

Sohil

3/15/2016 2:09:52 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.81 ng

RT: 7.83 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

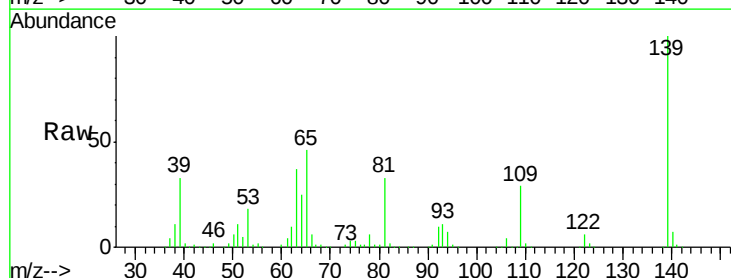
Tgt Ion: 139 Resp: 384631

Ion Ratio Lower Upper

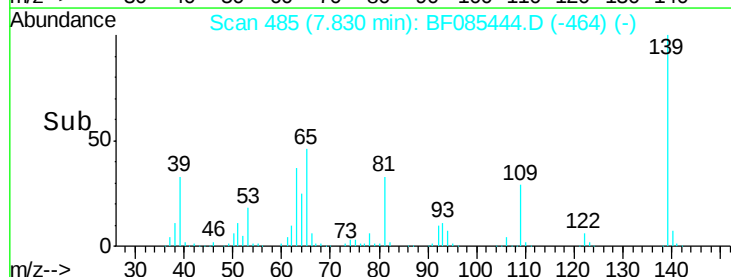
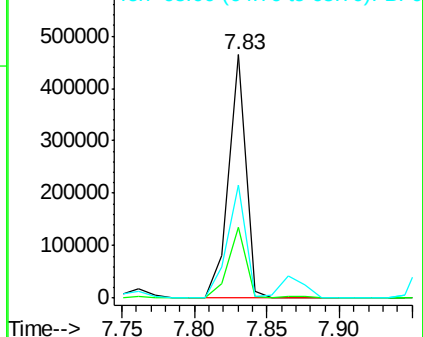
139 100

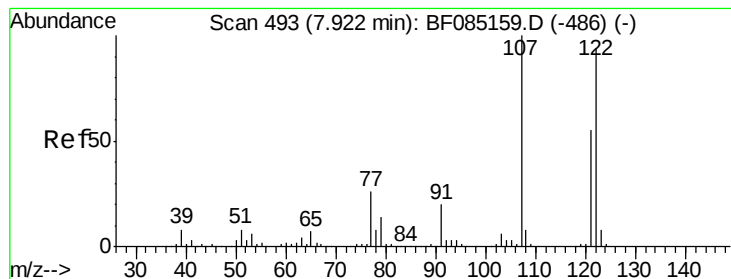
109 28.9 19.1 28.7#

65 46.4 23.9 35.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





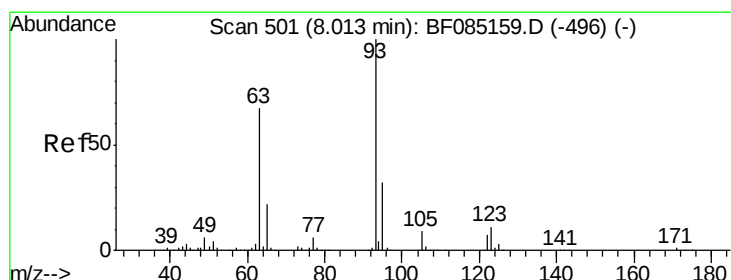
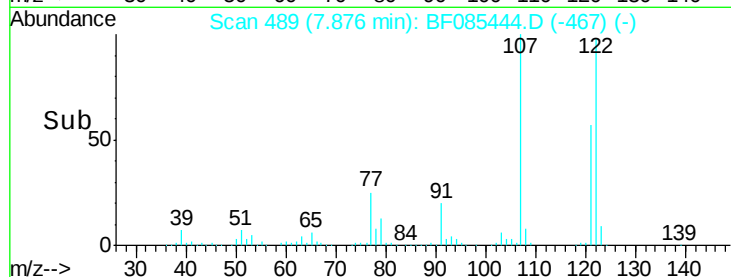
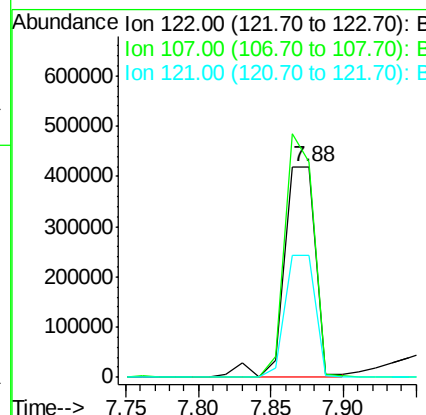
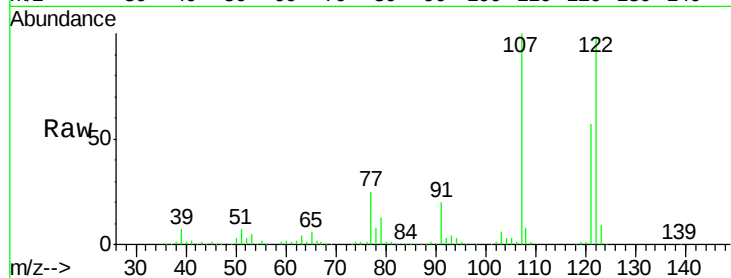
#27
2,4-Dimethylphenol
Concen: 38.35 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	629576		
107	102.1	84.8	127.2	
121	58.0	47.0	70.6	

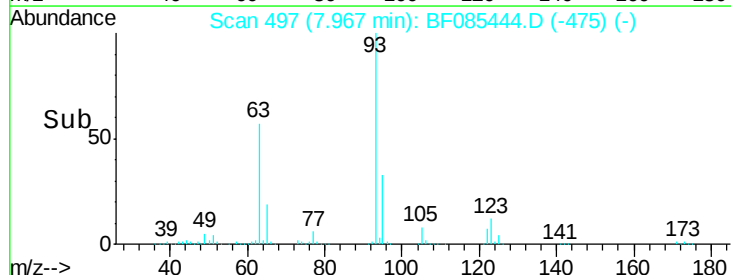
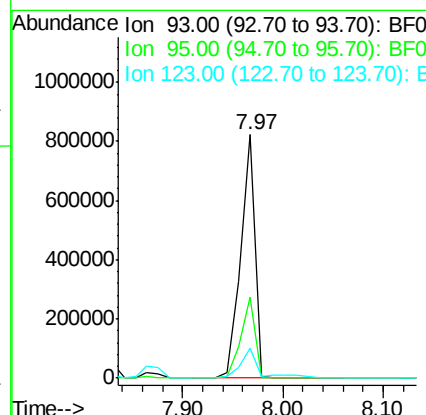
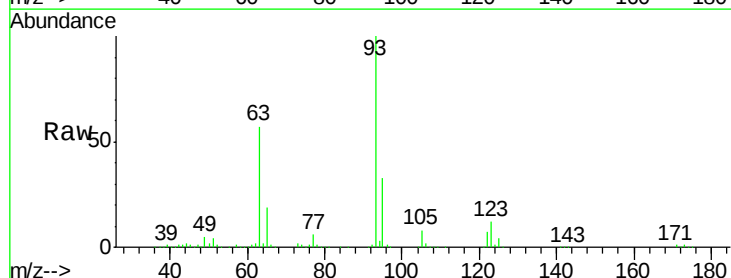
Manual Integrations
APPROVED

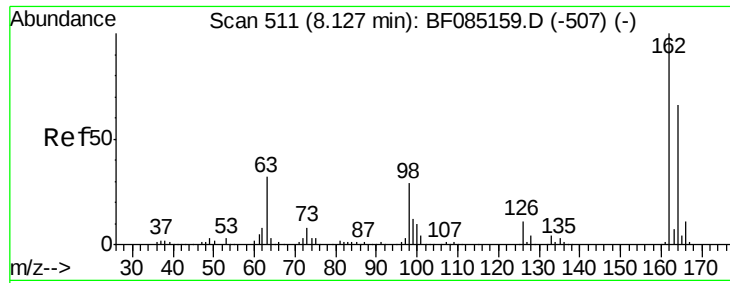
Sohil
3/15/2016 2:09:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.08 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	808042		
95	33.5	25.9	38.9	
123	12.2	8.8	13.2	





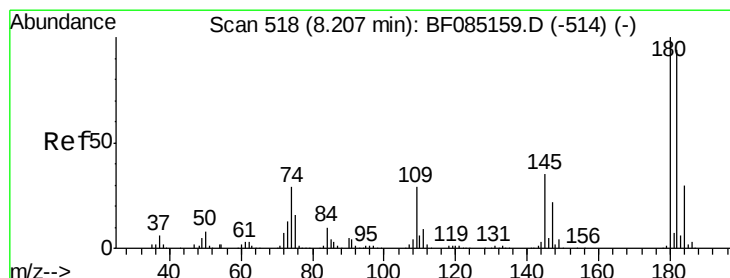
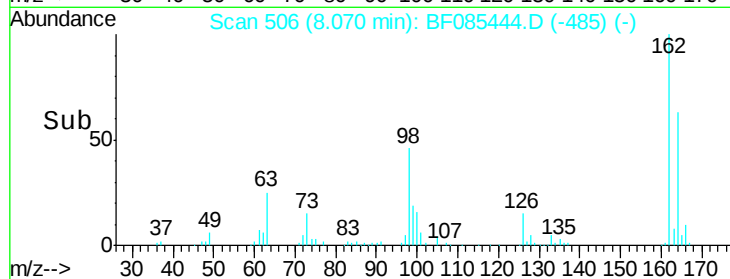
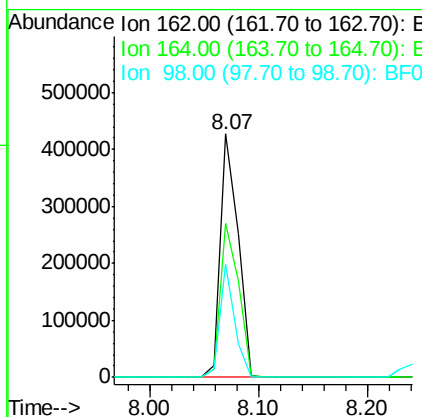
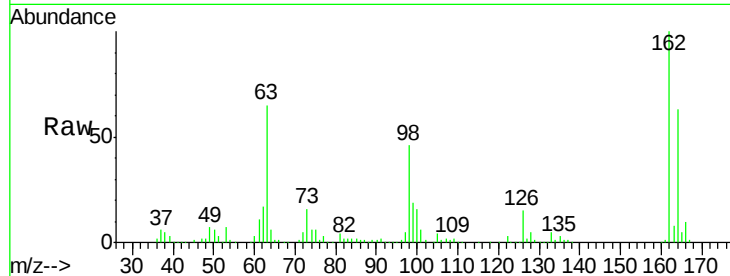
#29
2,4-Dichlorophenol
Concen: 36.65 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	485317		
164	63.3	45.7	85.7	
98	46.4	9.4	49.4	

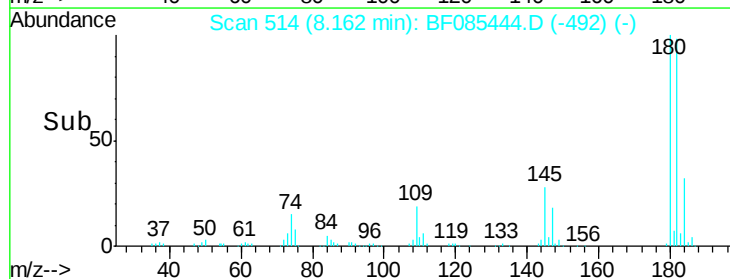
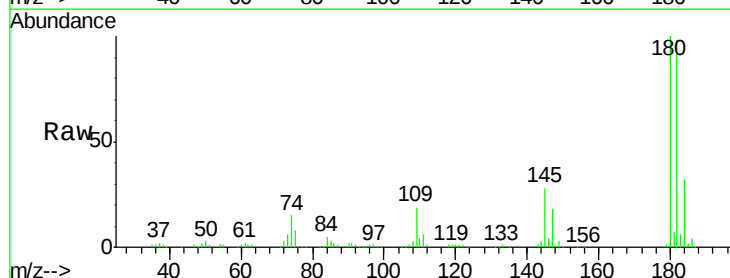
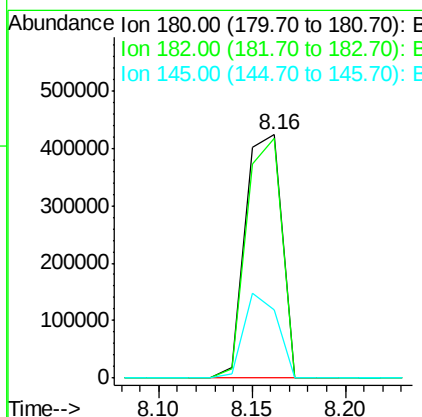
Manual Integrations
APPROVED

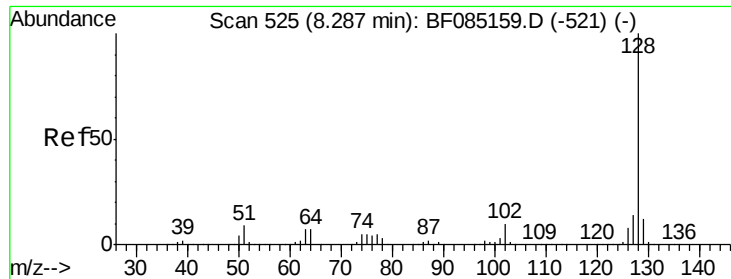
Sohil
3/15/2016 2:09:52 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.54 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	580285		
182	98.4	74.9	112.3	
145	28.0	27.9	41.9	





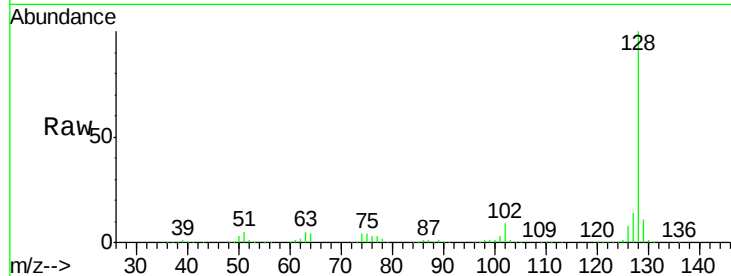
#31
Naphthalene
Concen: 39.65 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

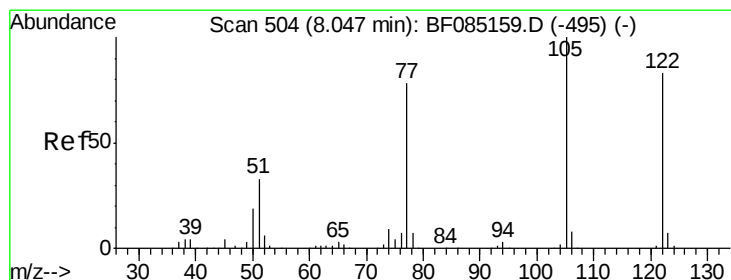
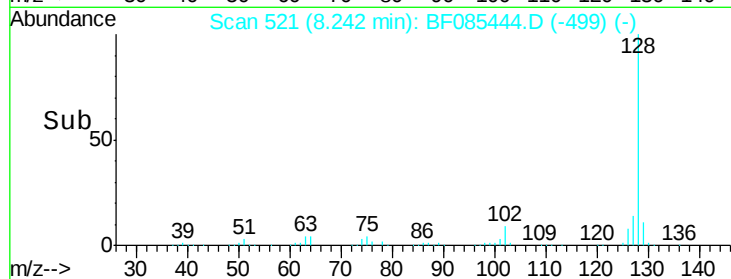
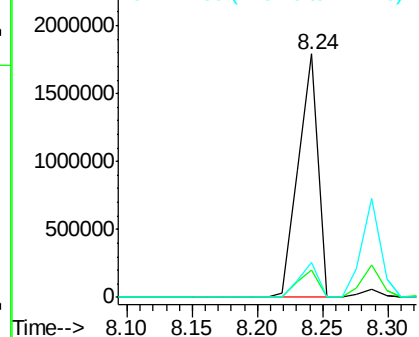
Tgt Ion:128 Resp: 1895817
Ion Ratio Lower Upper
128 100
129 11.3 9.7 14.5
127 14.1 11.2 16.8

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM

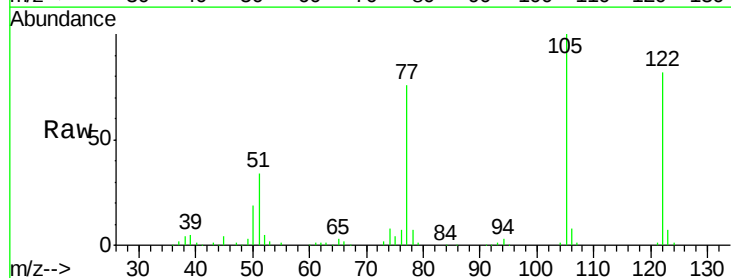


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

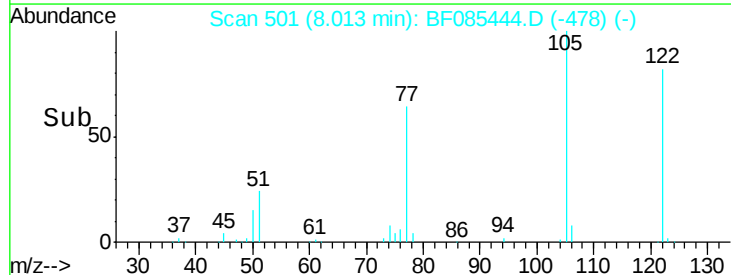
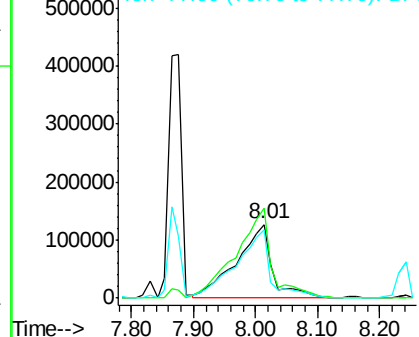


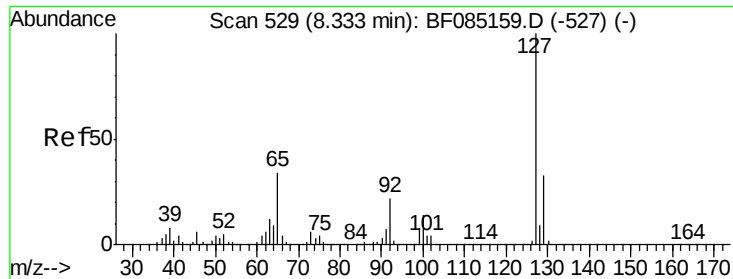
#32
Benzoic acid
Concen: 46.14 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion:122 Resp: 503169
Ion Ratio Lower Upper
122 100
105 121.9 101.3 141.3
77 92.5 74.7 114.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





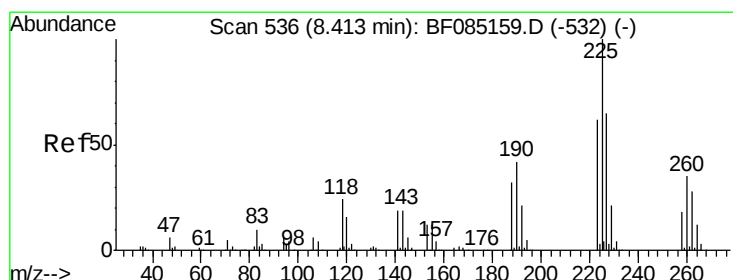
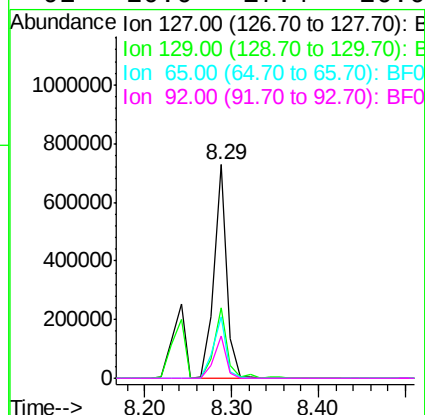
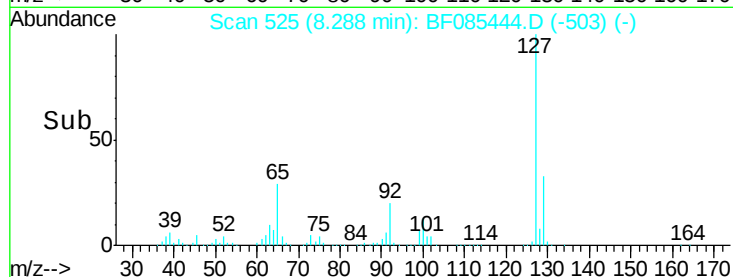
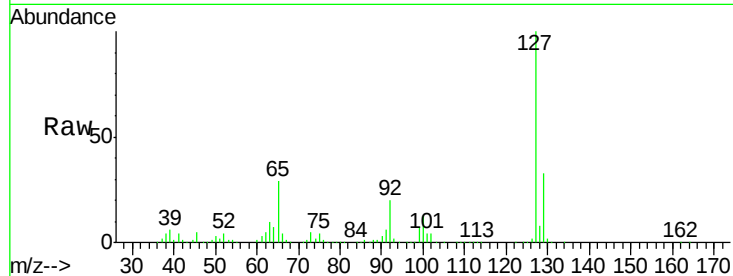
#33
4-Chloroaniline
Concen: 38.73 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	749066		
129	32.9	26.1	39.1	
65	28.7	27.0	40.6	
92	20.0	17.4	26.0	

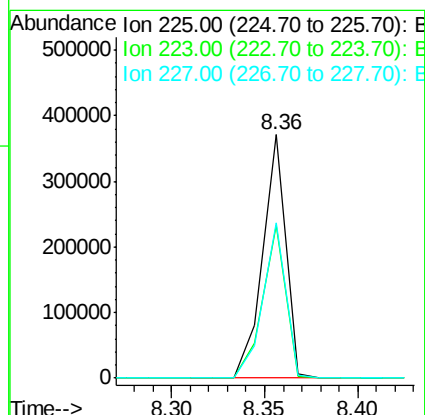
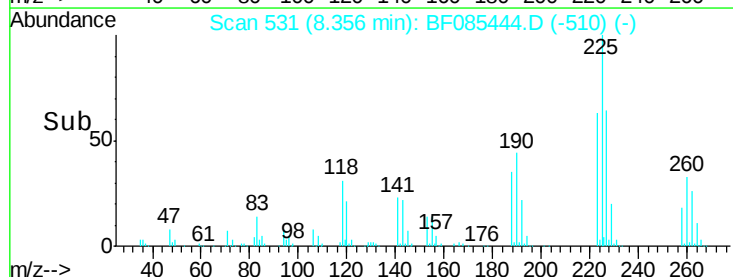
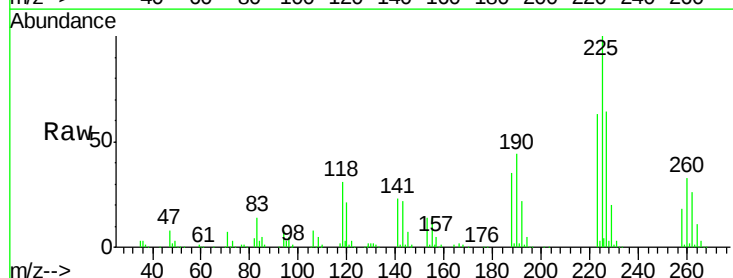
Manual Integrations
APPROVED

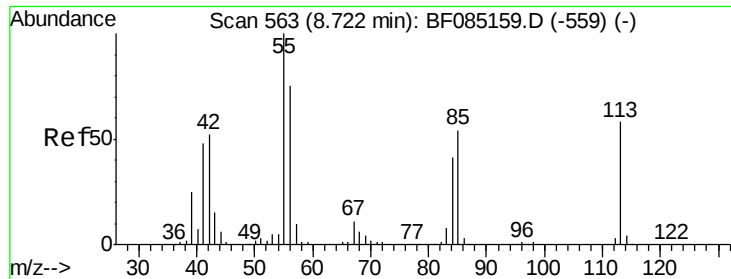
Sohil
3/15/2016 2:09:52 PM



#34
Hexachlorobutadiene
Concen: 42.18 ng
RT: 8.36 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	314168		
223	62.7	49.7	74.5	
227	63.8	52.2	78.4	





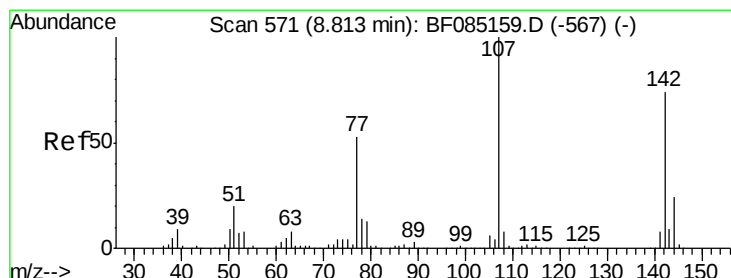
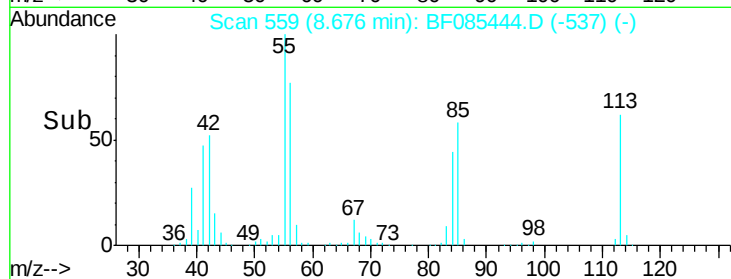
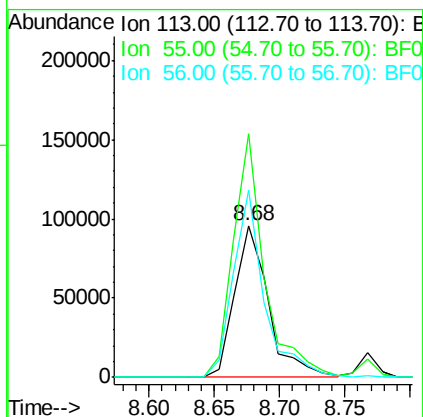
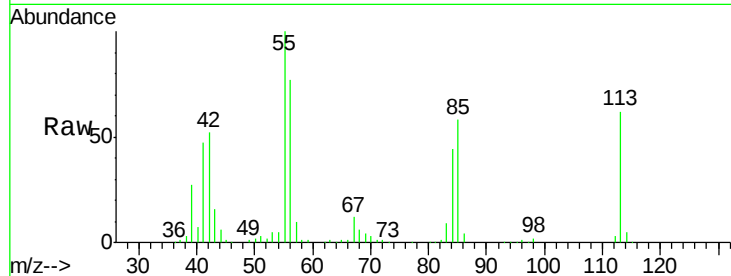
#35
 Caprolactam
 Concen: 39.91 ng
 RT: 8.68 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	172567		
55	160.3	152.7	192.7	
56	123.3	109.0	149.0	

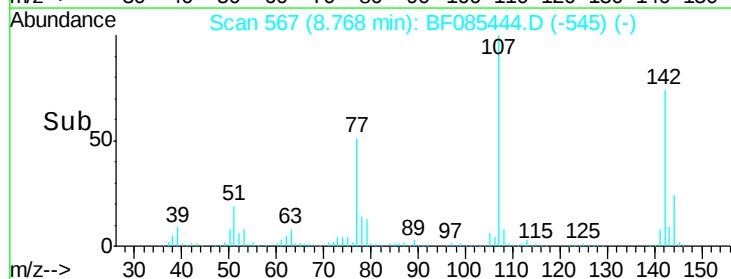
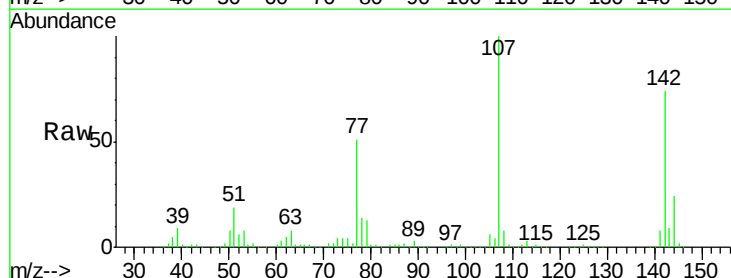
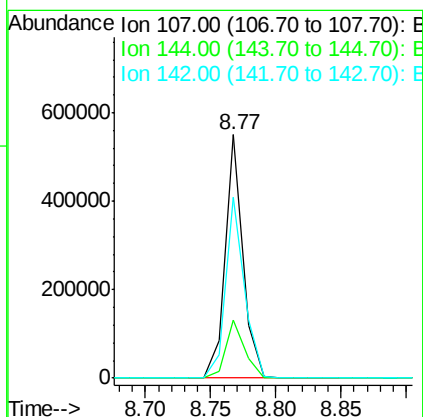
Manual Integrations
 APPROVED

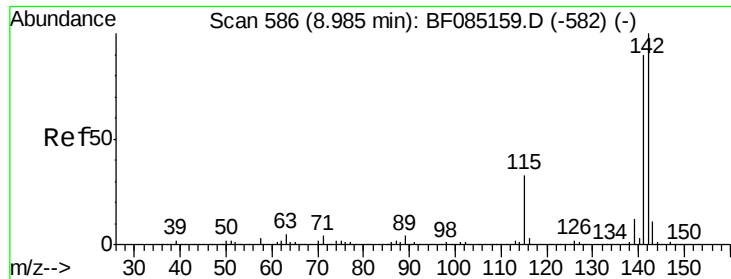
Sohil
 3/15/2016 2:09:52 PM



#36
 4-Chloro-3-methylphenol
 Concen: 34.75 ng
 RT: 8.77 min Scan# 567
 Delta R.T. -0.05 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	521973		
144	23.9	19.4	29.2	
142	74.1	59.4	89.2	





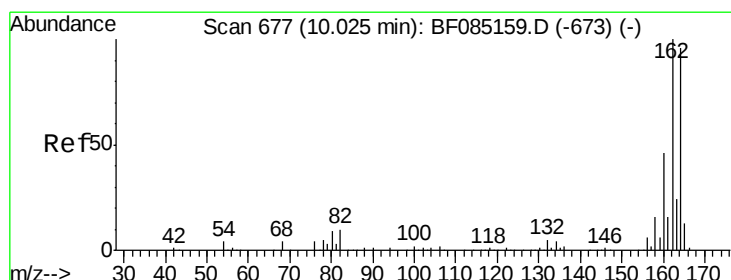
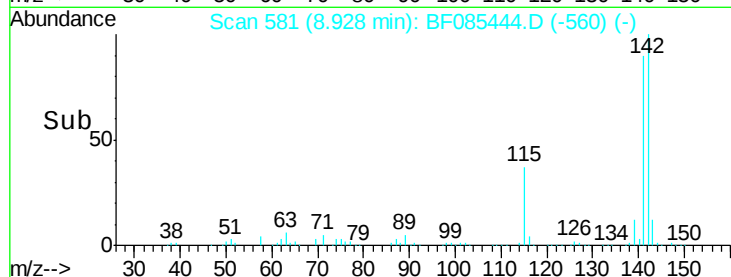
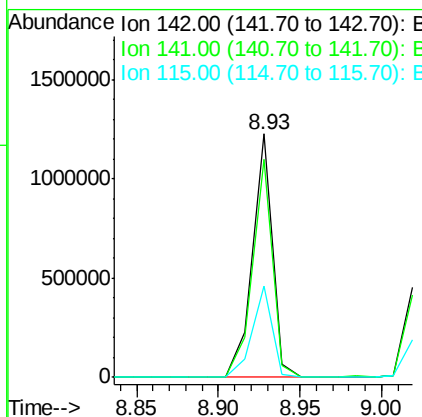
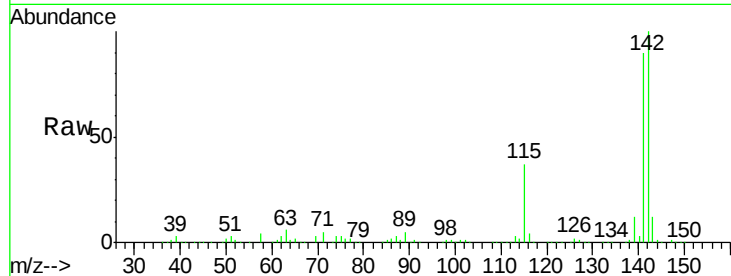
#37
 2-Methylnaphthalene
 Concen: 34.12 ng
 RT: 8.93 min Scan# 581
 Delta R.T. -0.06 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 1047043
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.7 107.5
 115 37.4 26.2 39.4

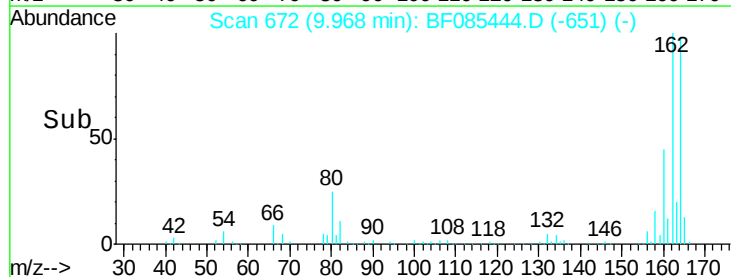
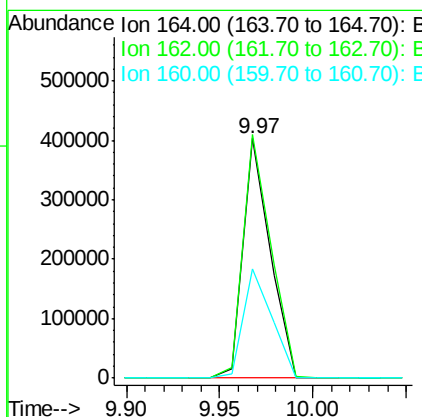
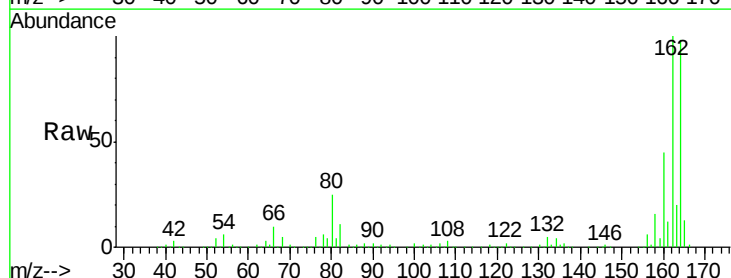
Manual Integrations
 APPROVED

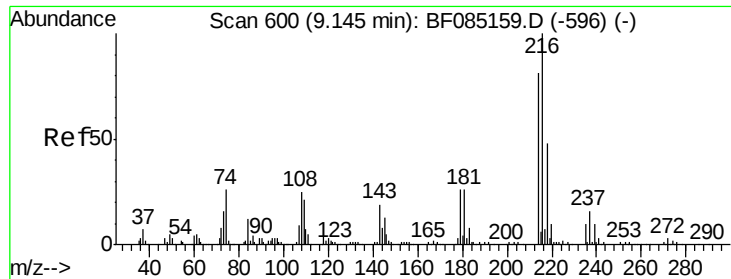
Sohil
 3/15/2016 2:09:52 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Tgt Ion:164 Resp: 407300
 Ion Ratio Lower Upper
 164 100
 162 101.6 83.3 124.9
 160 45.8 37.9 56.9





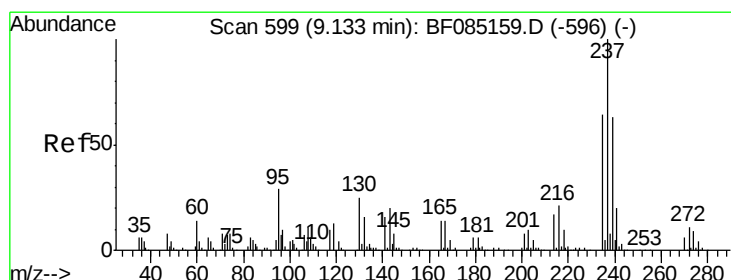
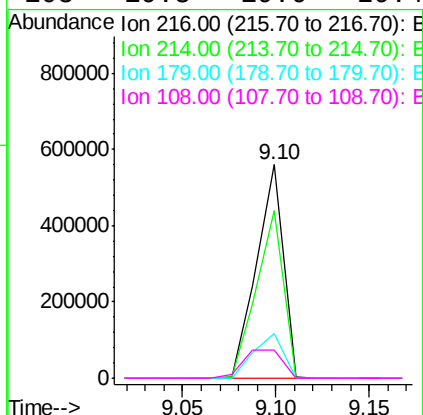
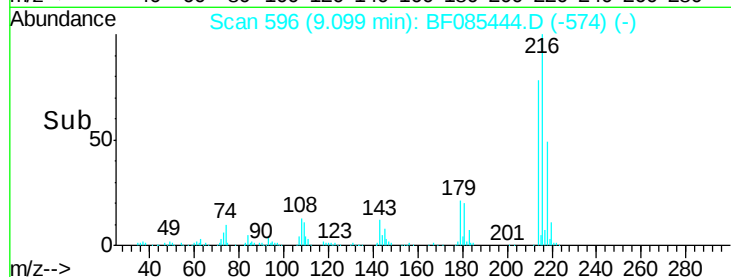
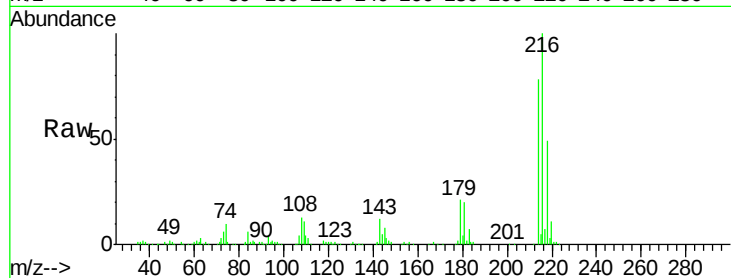
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.56 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

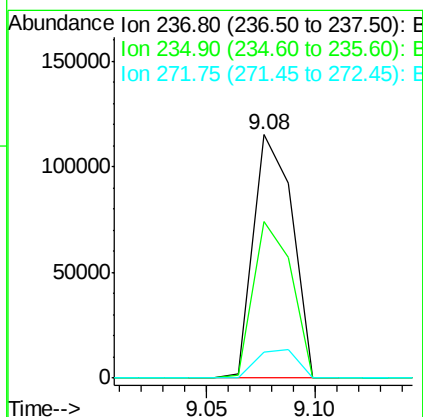
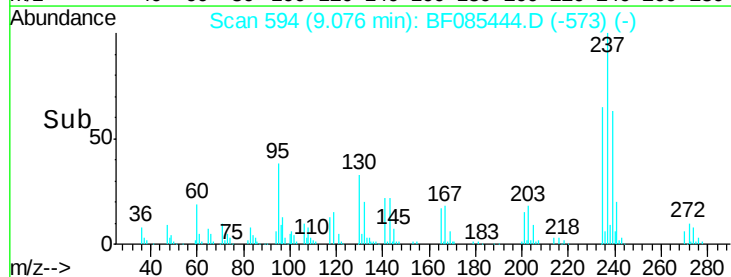
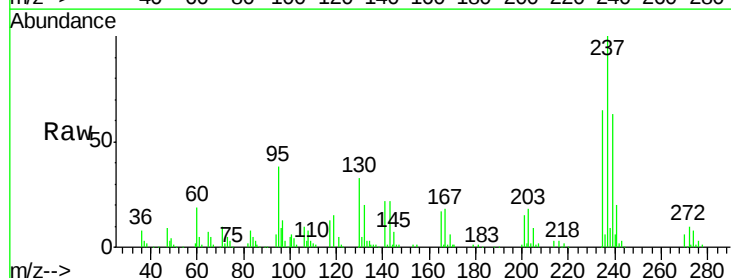
Sohil
 3/15/2016 2:09:52 PM

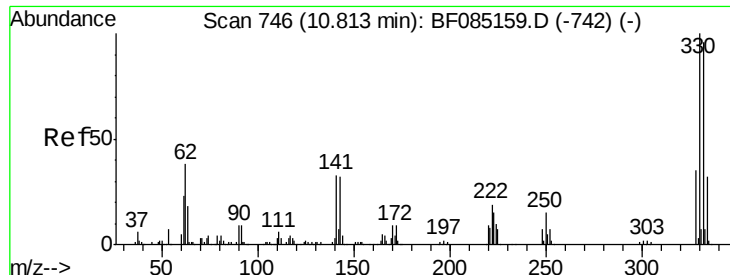
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		554006		
214	79.0	63.8	95.6		
179	23.1	19.6	29.4		
108	19.3	19.6	29.4		



#40
 Hexachlorocyclopentadiene
 Concen: 22.93 ng
 RT: 9.08 min Scan# 594
 Delta R.T. -0.06 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		144089		
235	64.6	43.7	83.7		
272	10.5	0.0	31.5		





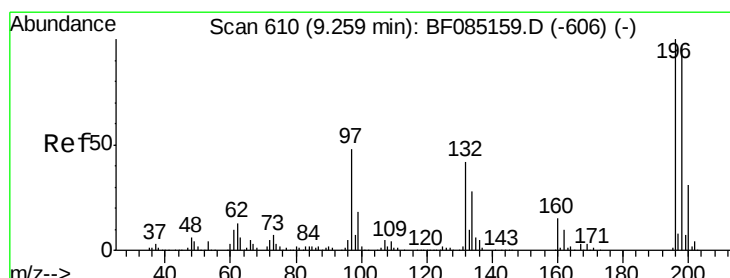
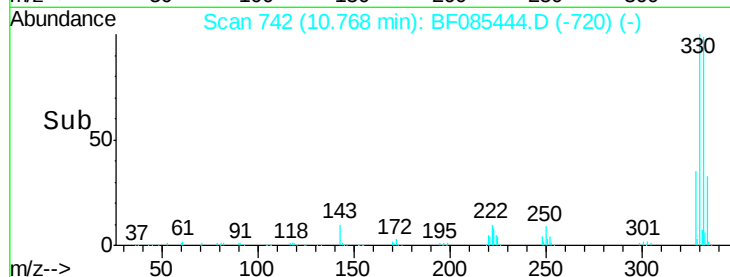
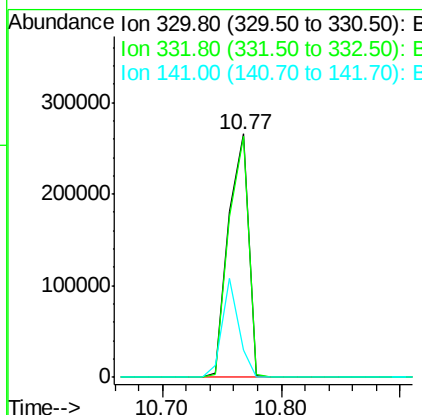
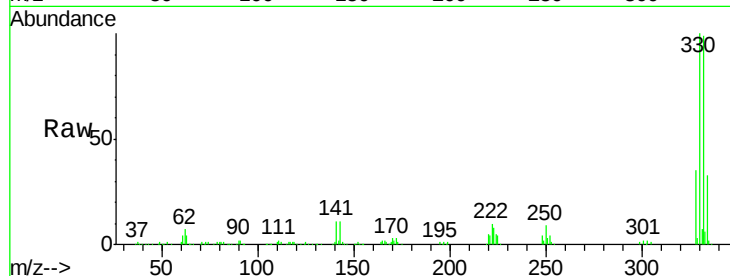
#41
 2,4,6-Tribromophenol
 Concen: 89.57 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	312172		
332	97.9	77.1	115.7	
141	33.5	35.0	52.6#	

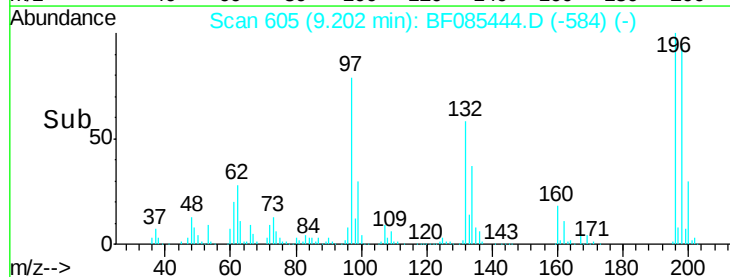
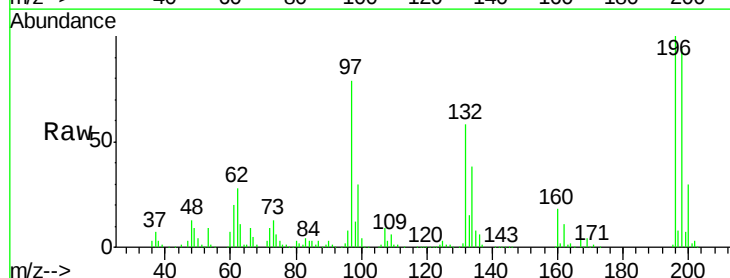
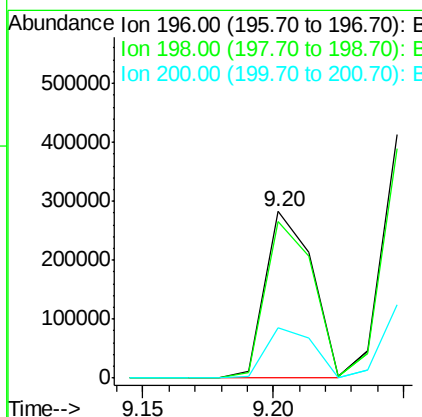
Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:52 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.20 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

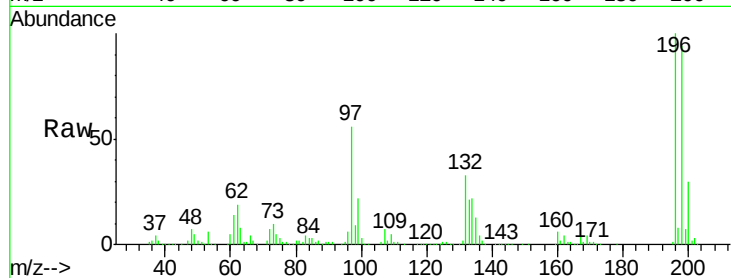
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	348579		
198	94.1	77.8	116.6	
200	29.9	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 43.77 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.05 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

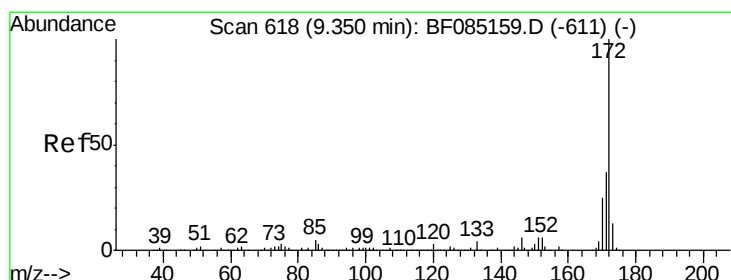
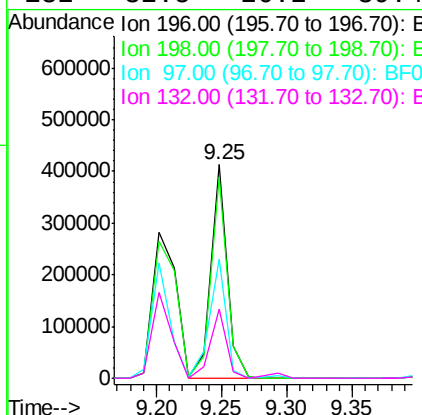
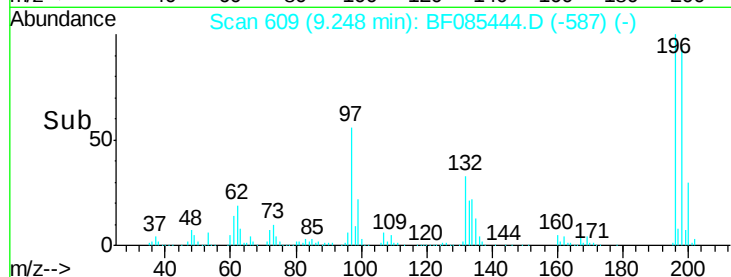
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	359880		
198	94.1	75.7	113.5	
97	55.5	46.4	69.6	
132	32.5	26.2	39.4	

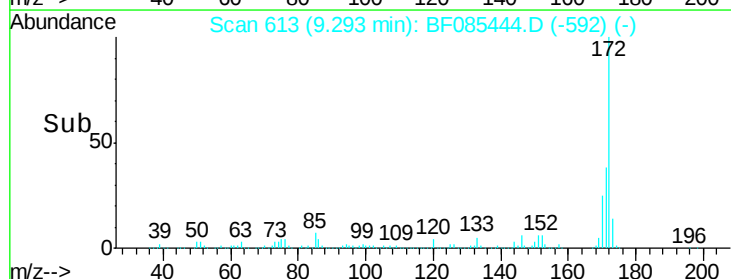
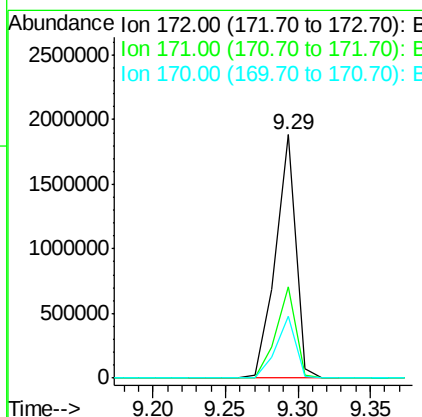
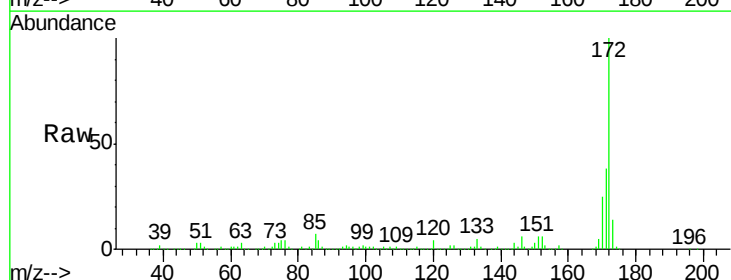
Manual Integrations
 APPROVED

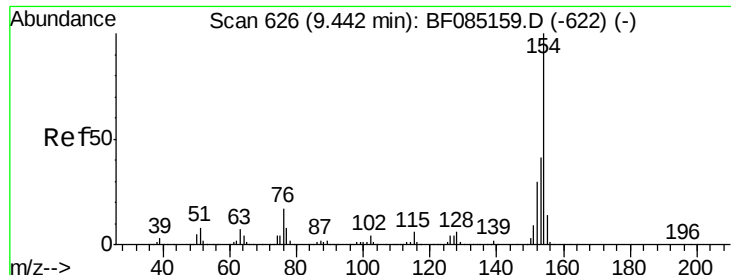
Sohil
 3/15/2016 2:09:52 PM



#44
 2-Fluorobiphenyl
 Concen: 68.07 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1822987		
171	37.7	29.3	43.9	
170	25.4	20.0	30.0	





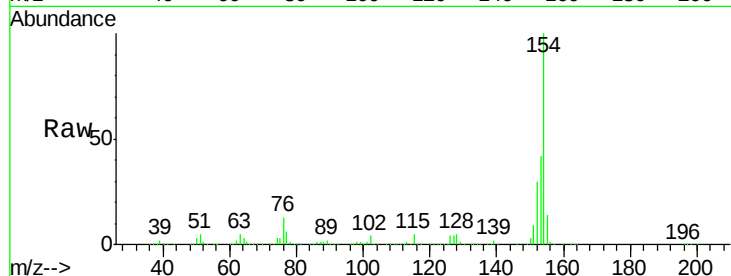
#45
1,1'-Biphenyl
Concen: 40.37 ng
RT: 9.40 min Scan# 622
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

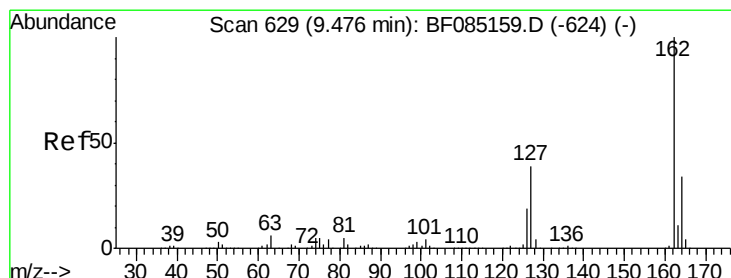
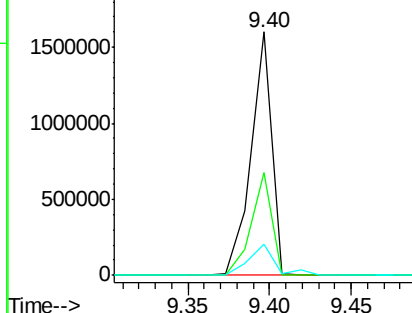
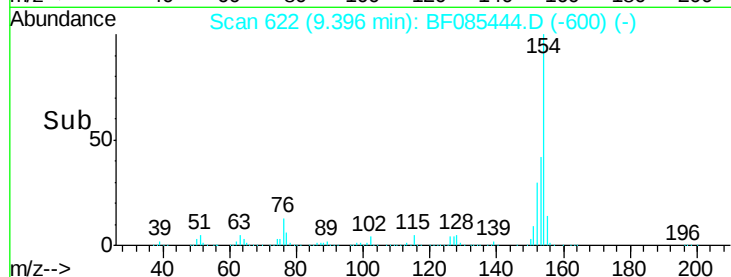
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.4	61.4
76	12.7	0.0	37.5

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM

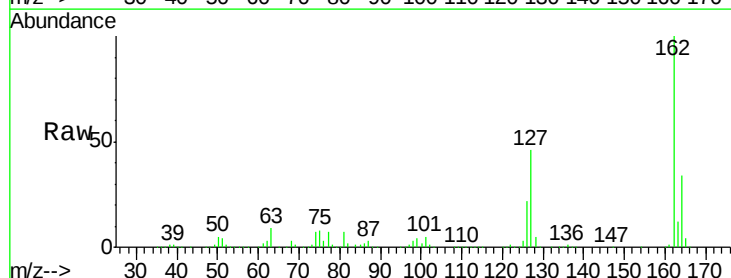


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

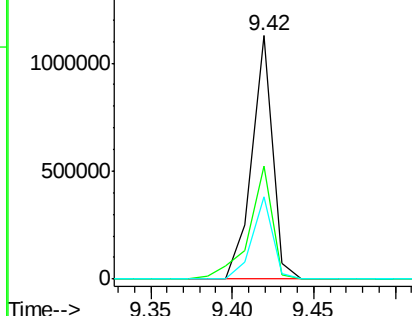
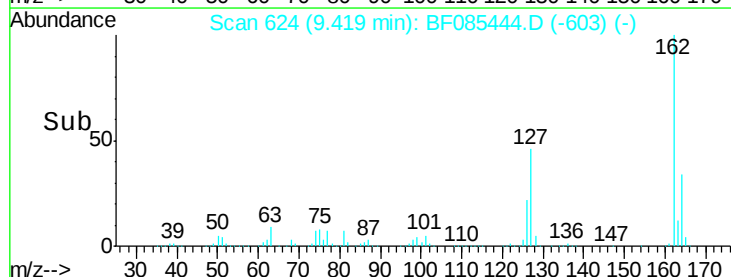


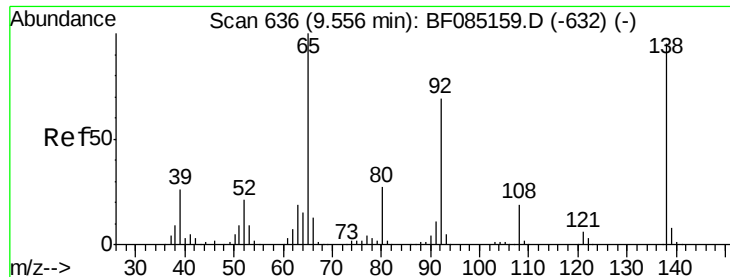
#46
2-Chloronaphthalene
Concen: 37.63 ng
RT: 9.42 min Scan# 624
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.4	31.6	47.4
164	33.6	27.1	40.7



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





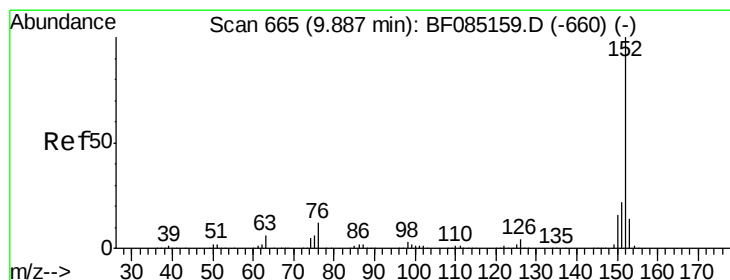
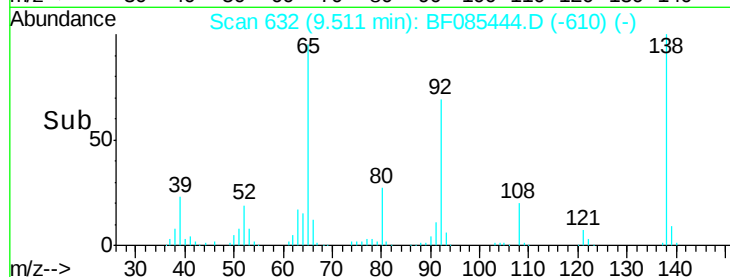
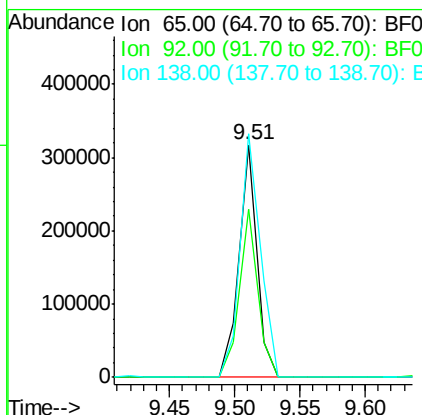
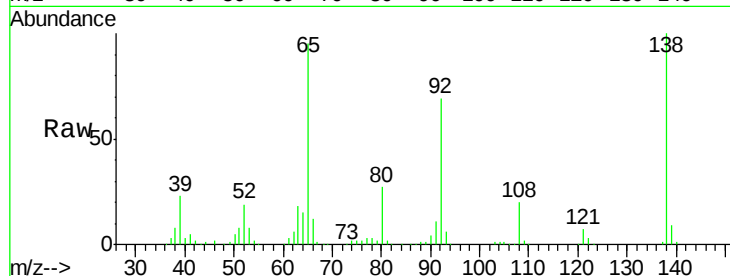
#47
2-Nitroaniline
Concen: 36.72 ng
RT: 9.51 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	55.4	83.2
138	104.9	75.7	113.5

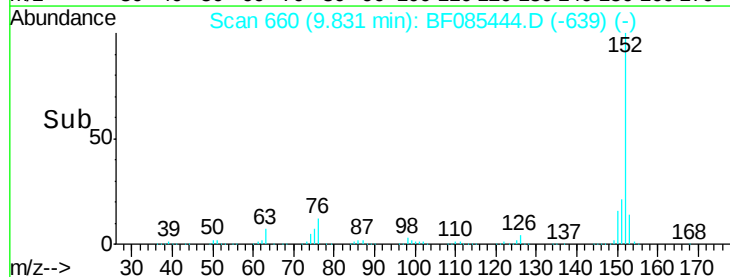
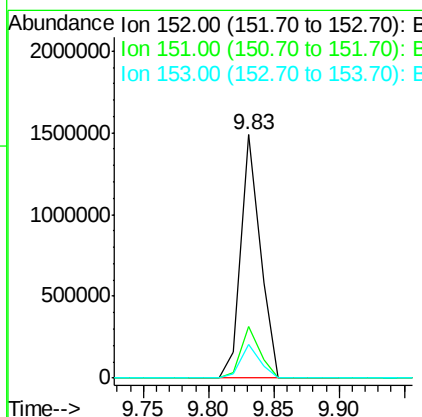
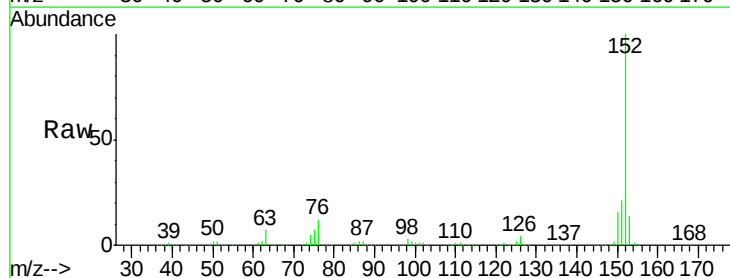
Manual Integrations
APPROVED

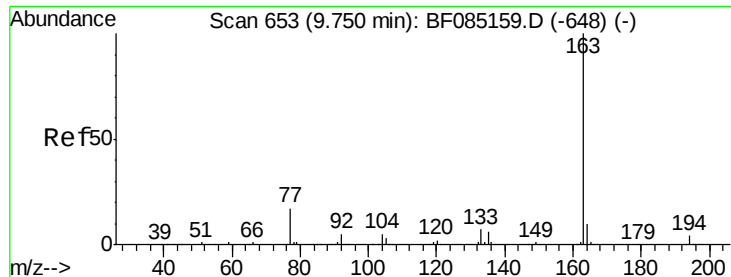
Sohil
3/15/2016 2:09:52 PM



#48
Acenaphthylene
Concen: 37.15 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.5	26.3
153	13.9	11.3	16.9





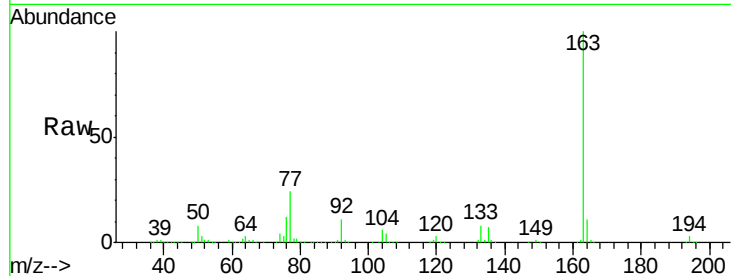
#49
Dimethylphthalate
Concen: 39.62 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

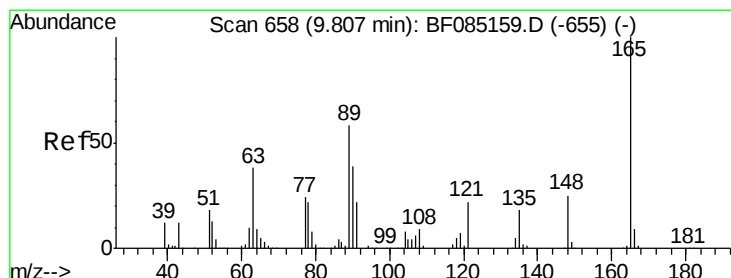
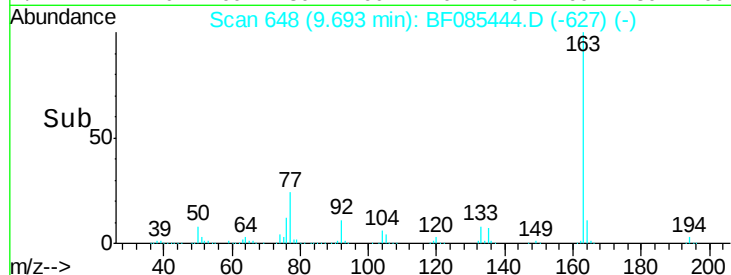
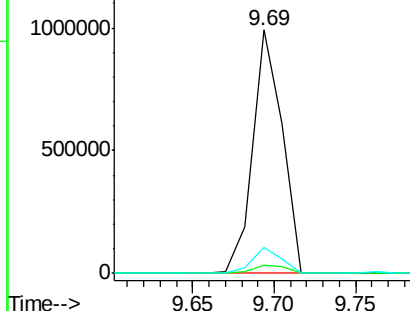
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	10.9	8.2	12.4

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



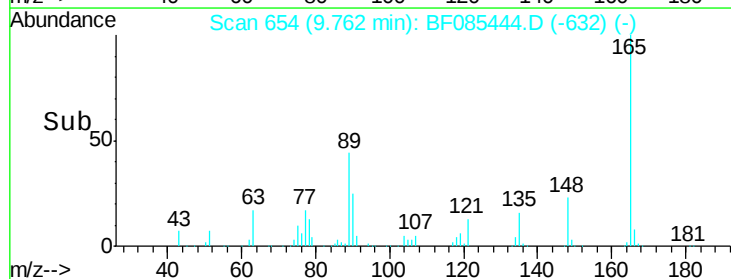
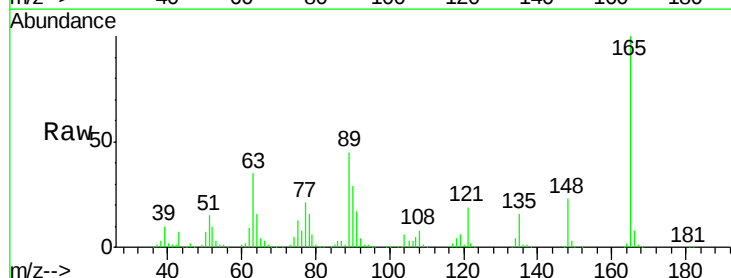
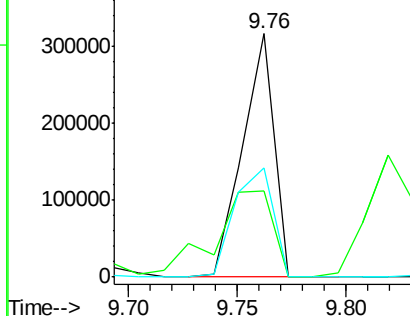
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 47.43 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.3	41.8	62.8#
89	44.6	46.7	70.1#

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





#51

Acenaphthene

Concen: 40.46 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF085444.D

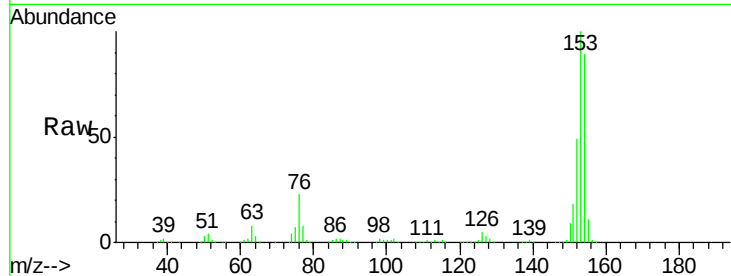
Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:154 Resp: 1014150

Ion Ratio Lower Upper

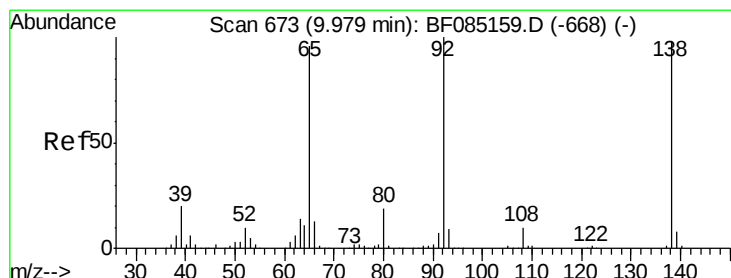
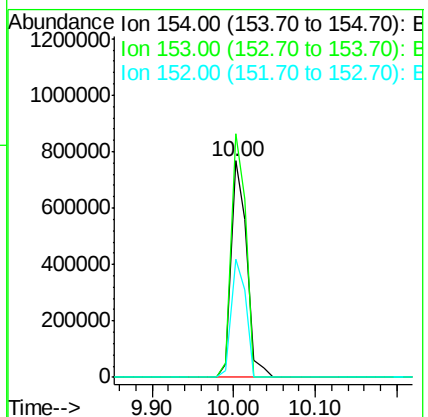
154 100

153 112.5 89.8 134.8

152 54.9 44.6 66.8

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#52

3-Nitroaniline

Concen: 41.74 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

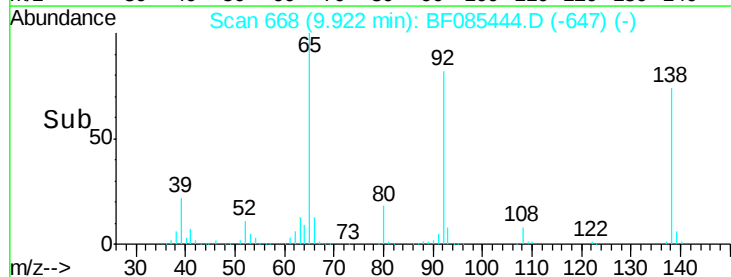
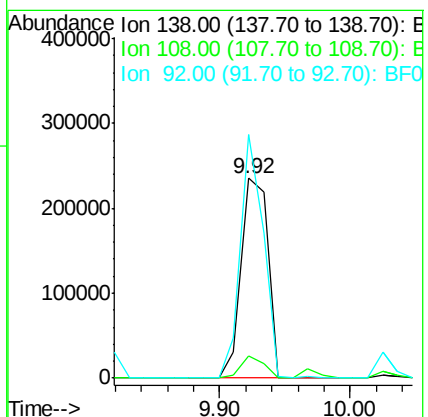
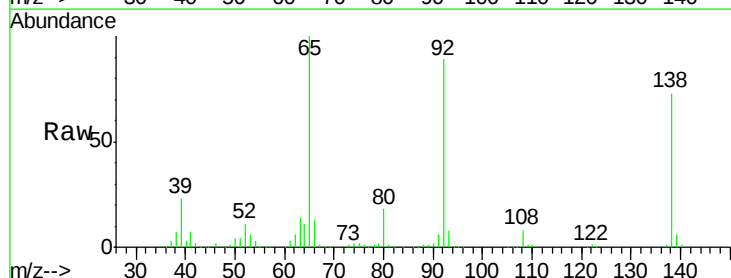
Tgt Ion:138 Resp: 334011

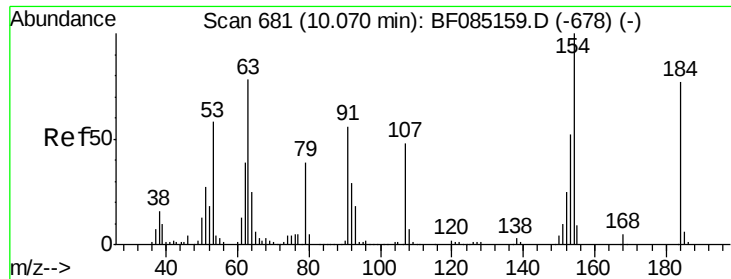
Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.6

92 122.0 81.3 121.9#





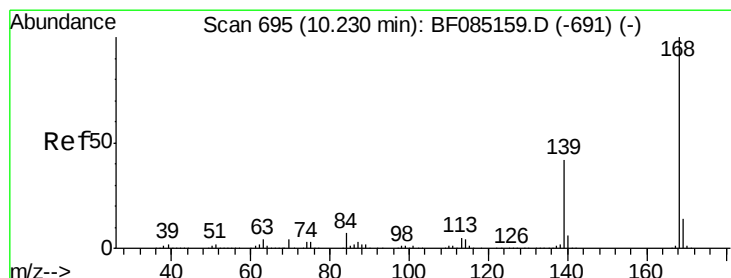
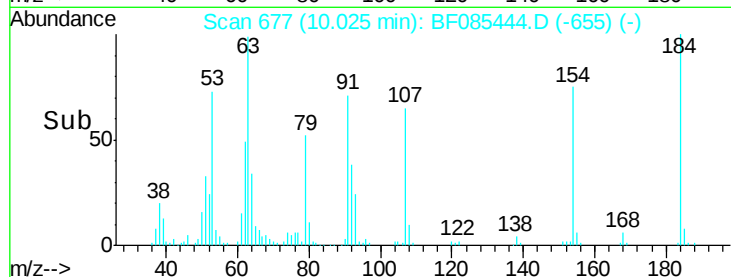
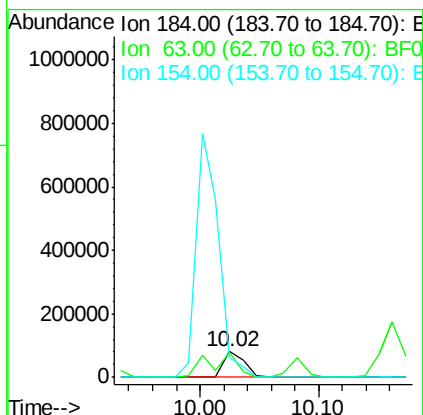
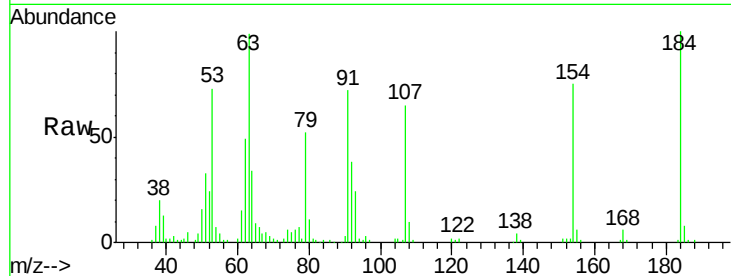
#53
2,4-Dinitrophenol
Concen: 34.46 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
184	100		
63	99.0	82.2	123.4
154	75.0	108.9	163.3

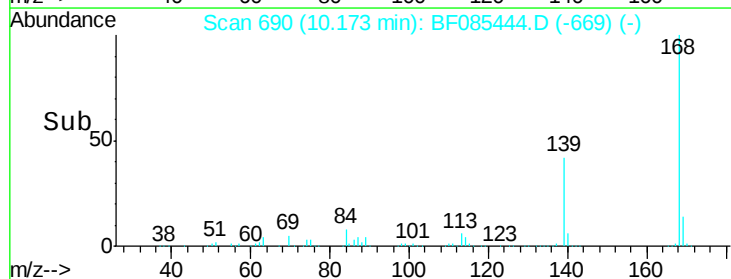
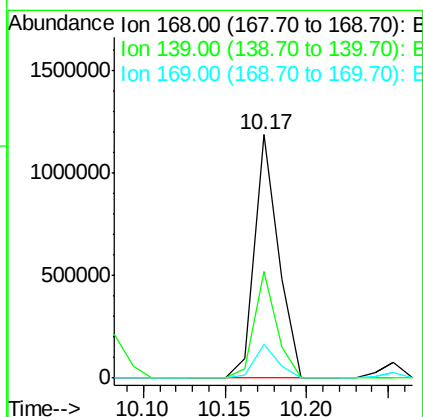
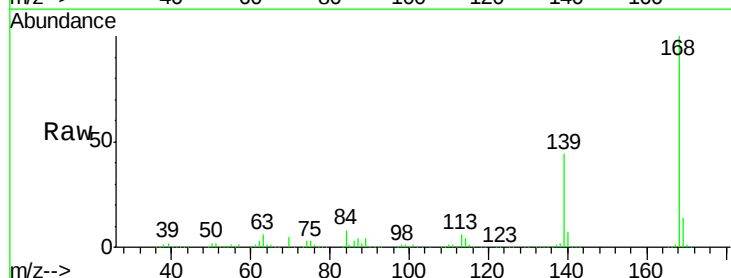
Manual Integrations
APPROVED

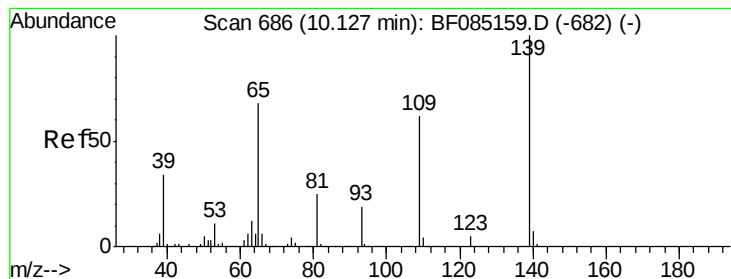
Sohil
3/15/2016 2:09:52 PM



#54
Dibenzofuran
Concen: 36.83 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.8	33.6	50.4
169	14.1	11.2	16.8





#55

4-Nitrophenol

Concen: 33.44 ng

RT: 10.08 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

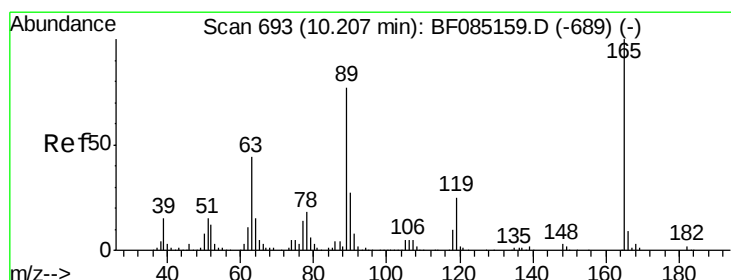
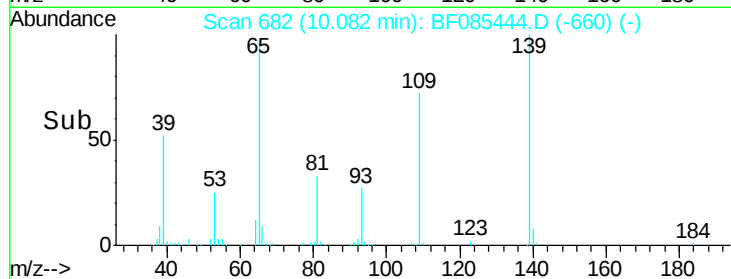
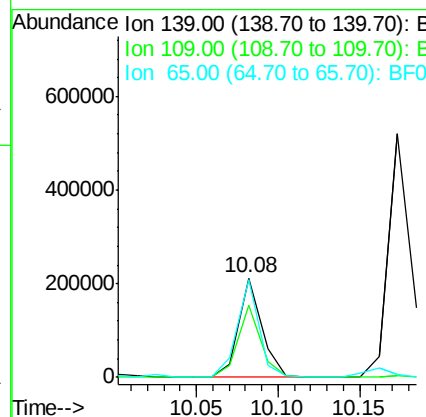
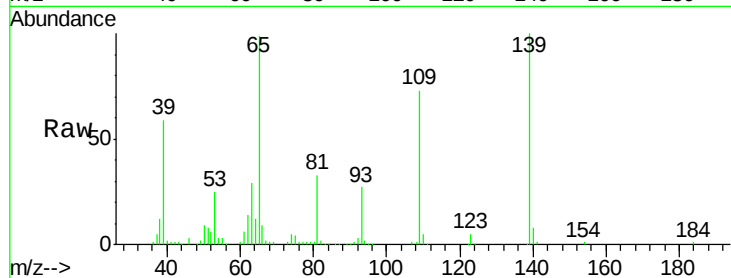
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	139	Resp:	210293
Ion Ratio	Lower	Upper	
139	100		
109	73.4	41.9	81.9
65	98.5	48.3	88.3#

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#56

2,4-Dinitrotoluene

Concen: 44.13 ng

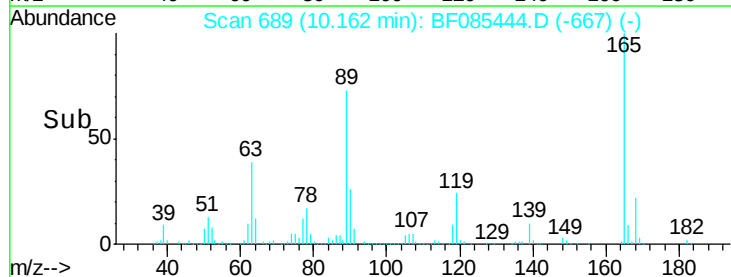
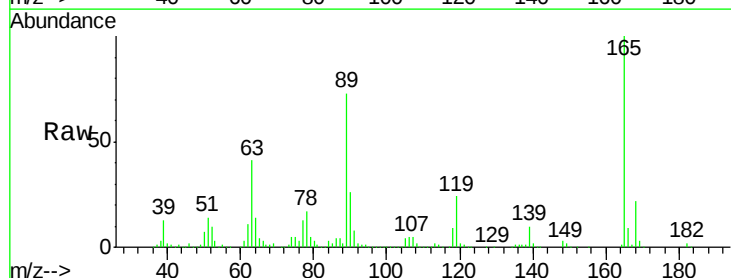
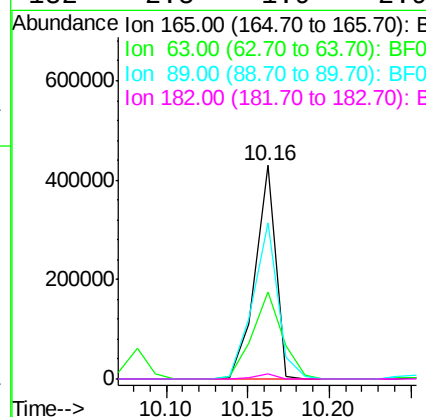
RT: 10.16 min Scan# 689

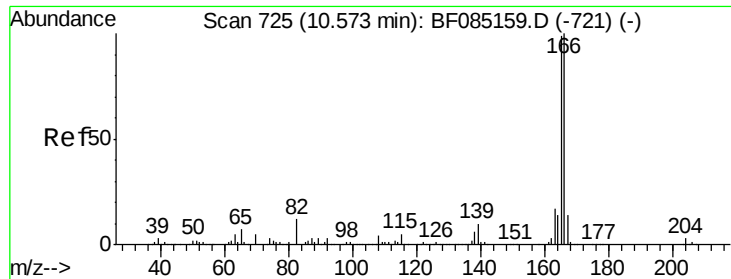
Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt Ion:	165	Resp:	377741
Ion Ratio	Lower	Upper	
165	100		
63	40.7	35.4	53.0
89	73.0	61.9	92.9
182	2.5	1.9	2.9





#57

Fluorene

Concen: 37.17 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

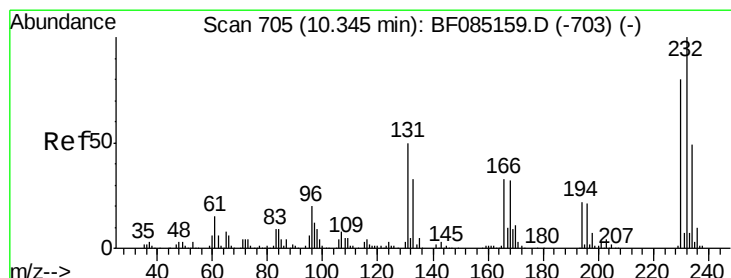
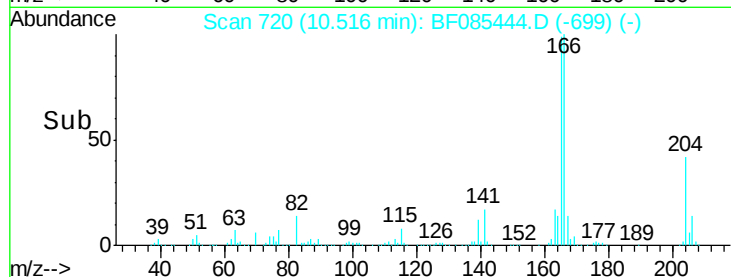
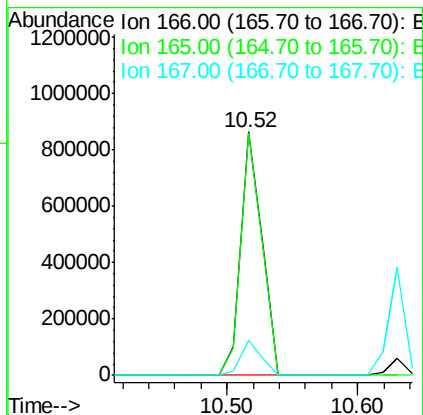
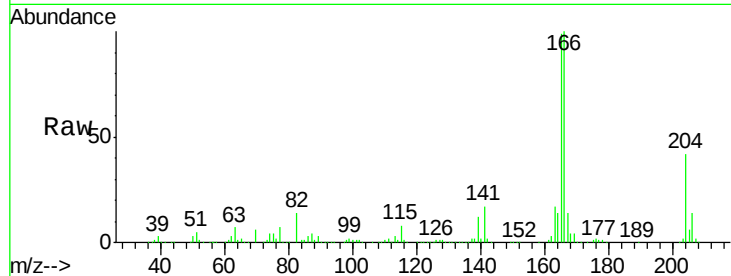
SSTDCCC040EC

Manual Integrations
APPROVED

Sohil

3/15/2016 2:09:52 PM

Tgt	Ion	Resp	Lower	Upper
166	100			
165	99.4	79.4	119.0	
167	14.2	11.0	16.6	



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.42 ng

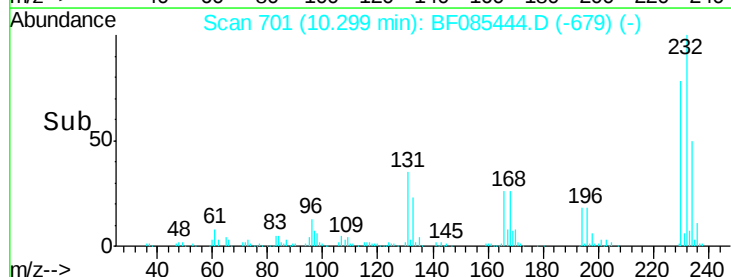
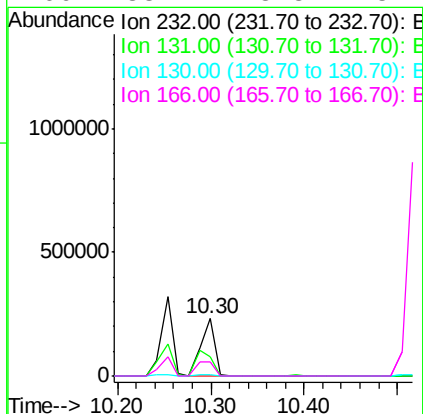
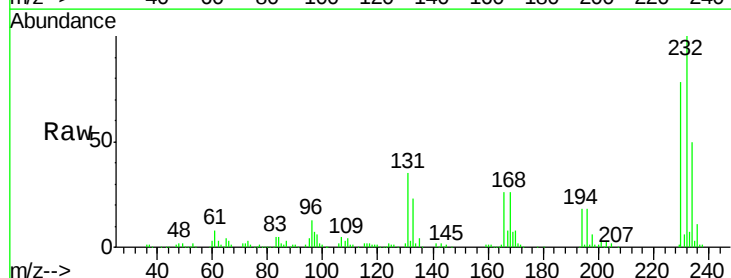
RT: 10.30 min Scan# 701

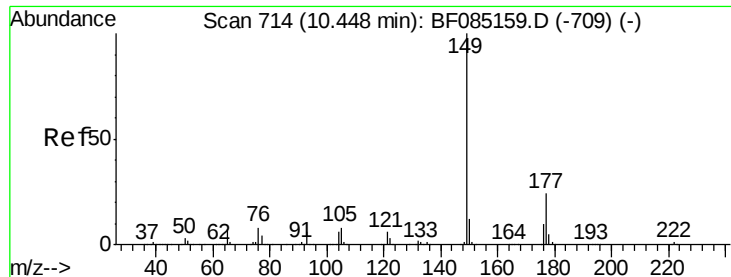
Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt	Ion	Resp	Lower	Upper
232	100			
131	52.2	46.0	69.0	
130	2.6	2.2	3.4	
166	33.4	28.8	43.2	





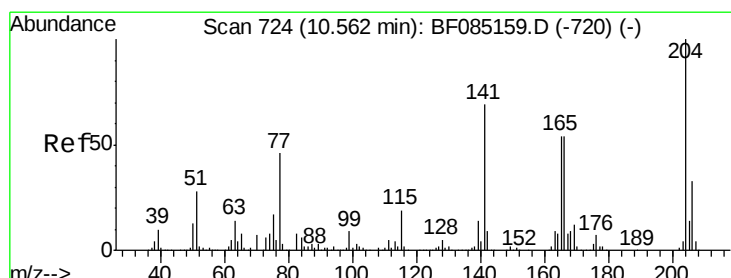
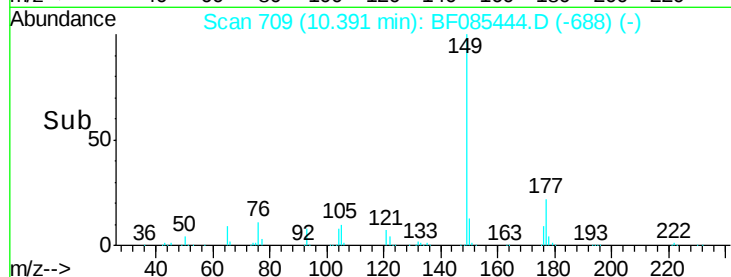
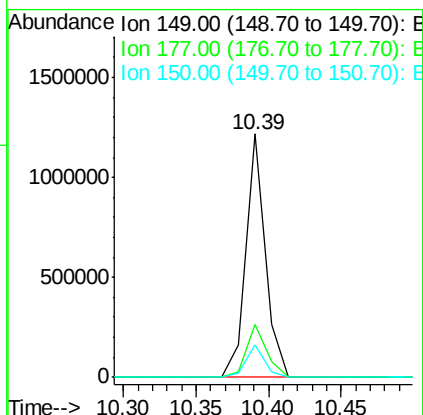
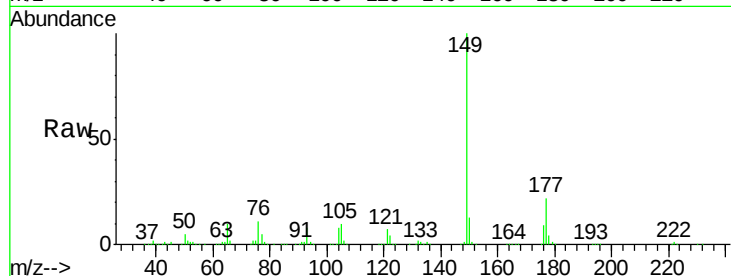
#59
Diethylphthalate
Concen: 37.29 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	19.2	28.8
150	13.3	9.9	14.9

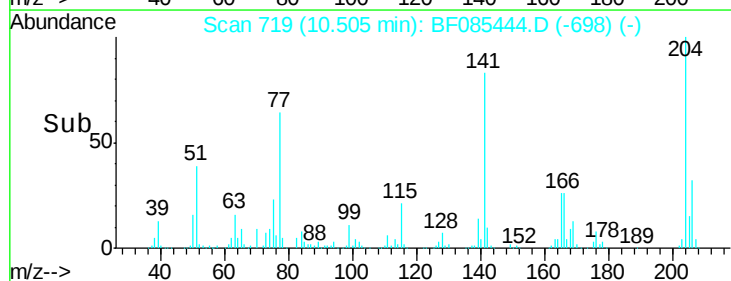
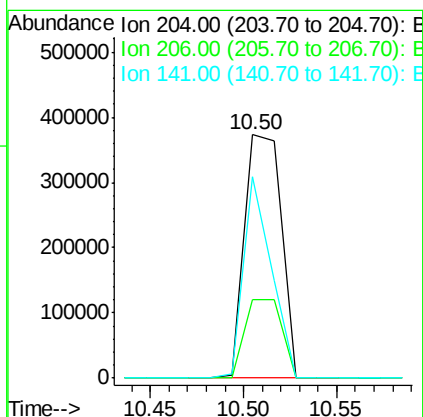
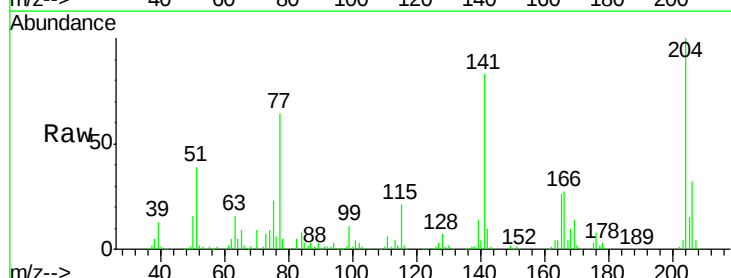
Manual Integrations
APPROVED

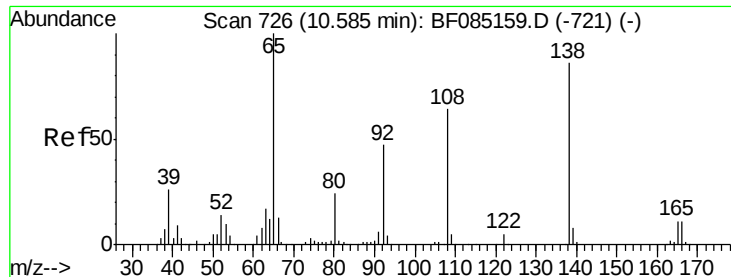
Sohil
3/15/2016 2:09:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.57 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	82.9	55.4	83.2





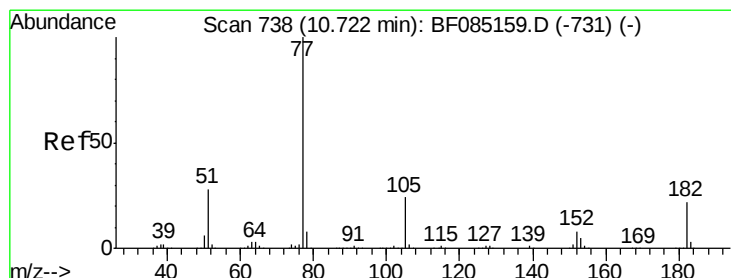
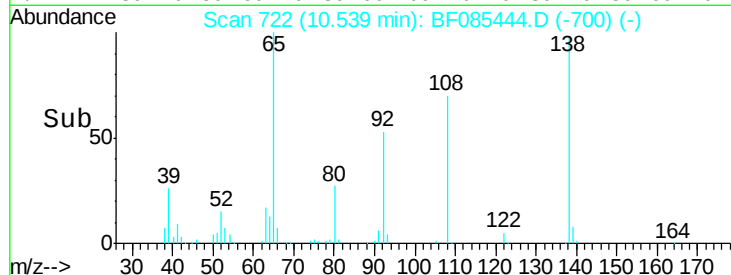
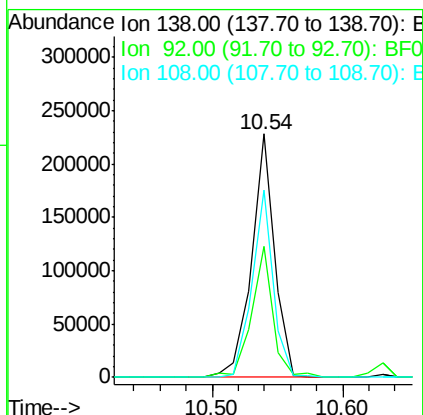
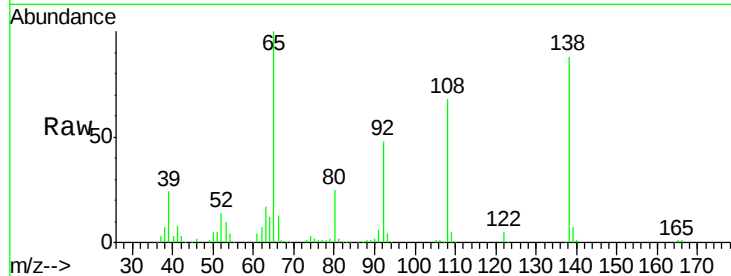
#61
4-Nitroaniline
Concen: 37.64 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	281660		
92	53.8	34.2	74.2	
108	76.8	53.9	93.9	

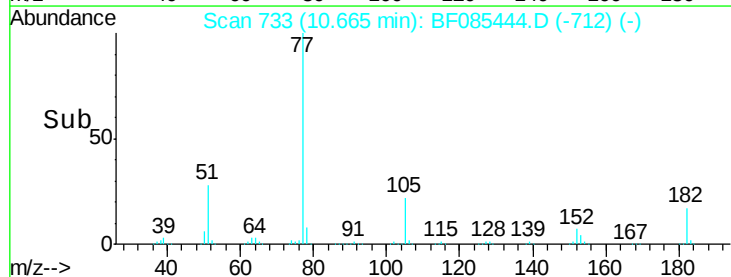
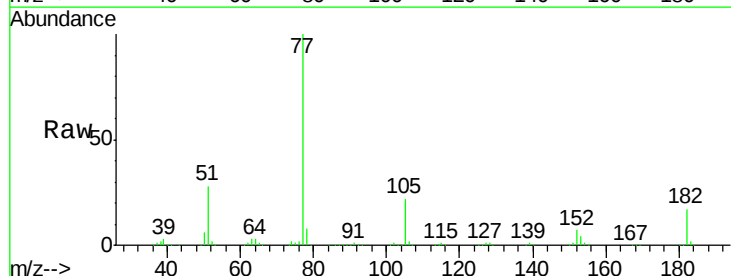
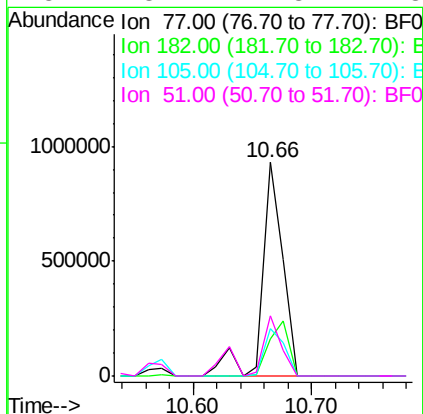
Manual Integrations
APPROVED

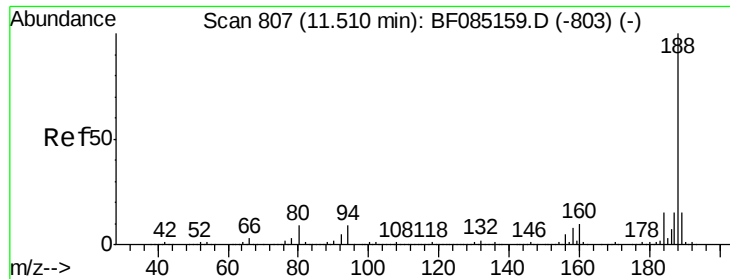
Sohil
3/15/2016 2:09:52 PM



#62
Azobenzene
Concen: 37.87 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1131981		
182	17.4	2.1	42.1	
105	21.9	3.8	43.8	
51	28.4	7.8	47.8	





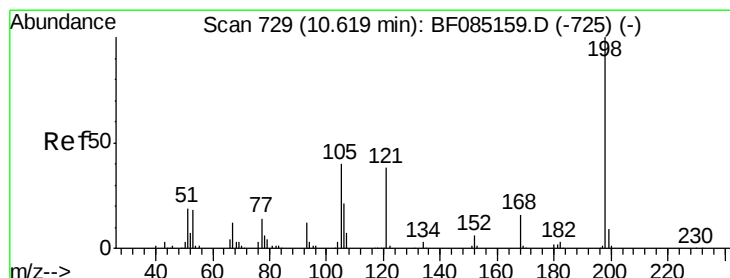
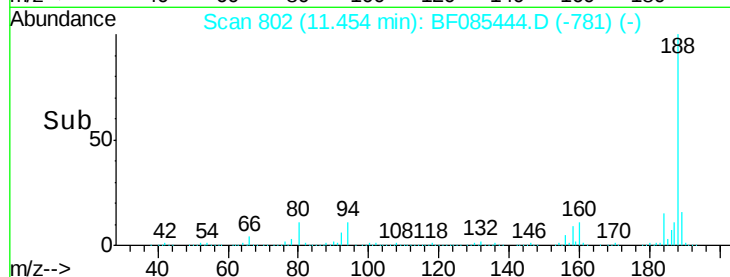
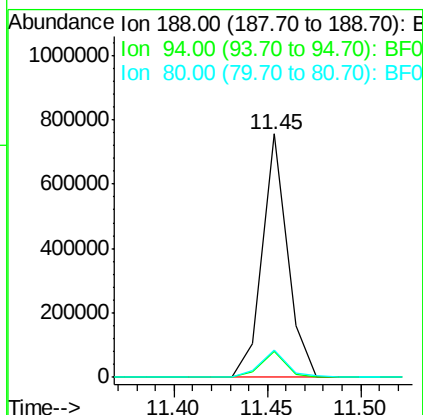
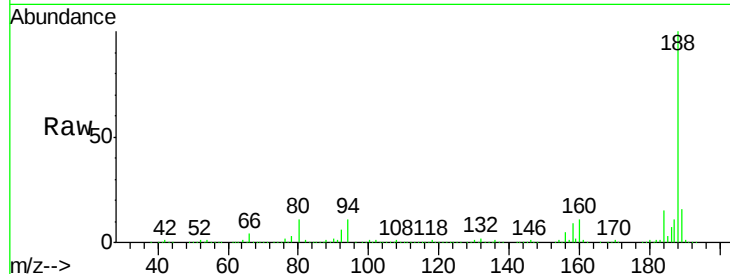
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	7.0	10.6#
80	11.2	7.4	11.0#

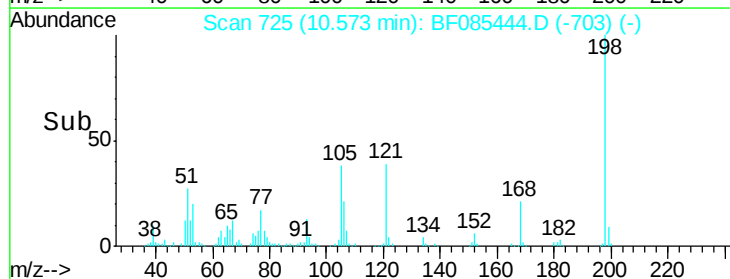
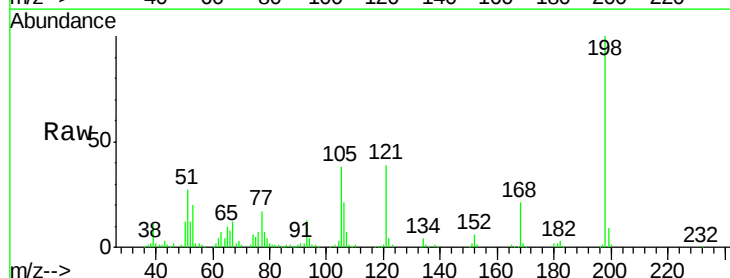
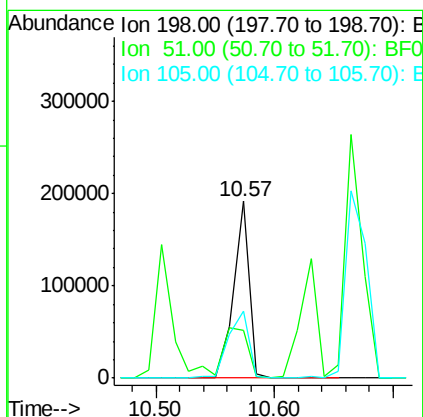
Manual Integrations
APPROVED

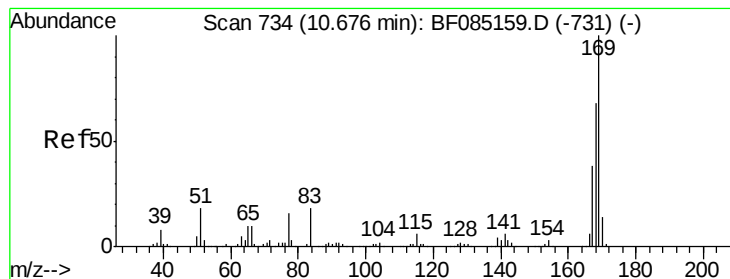
Sohil
3/15/2016 2:09:52 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.64 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.04 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	26.8	9.5	49.5
105	38.0	20.5	60.5





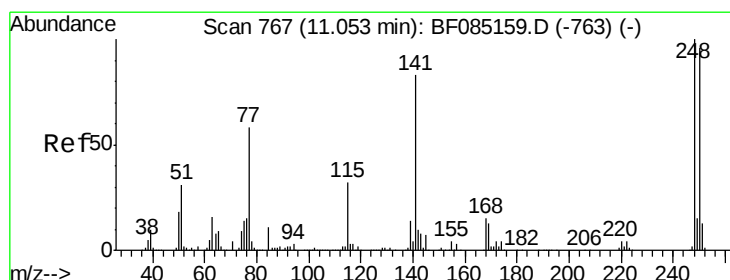
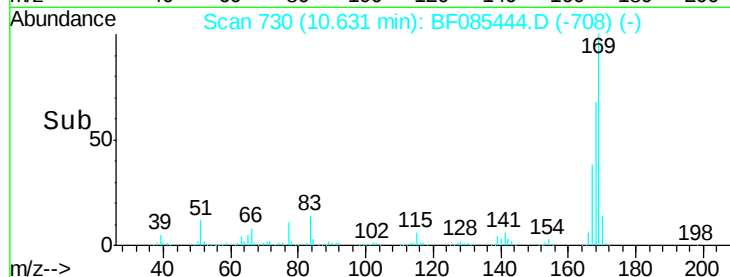
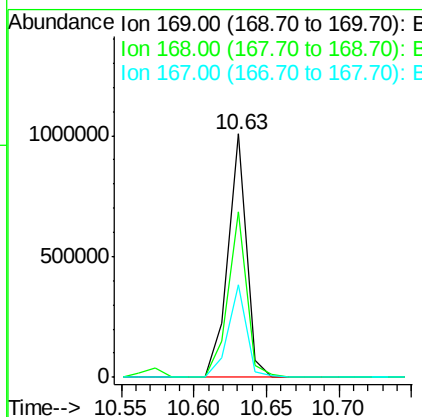
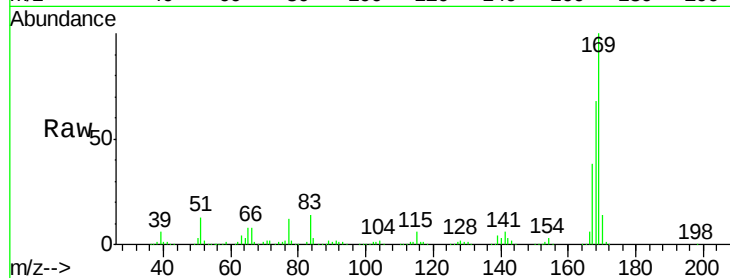
#65
n-Nitrosodiphenylamine
Concen: 41.08 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.05 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	895155		
168	67.8	54.8	82.2	
167	37.8	30.3	45.5	

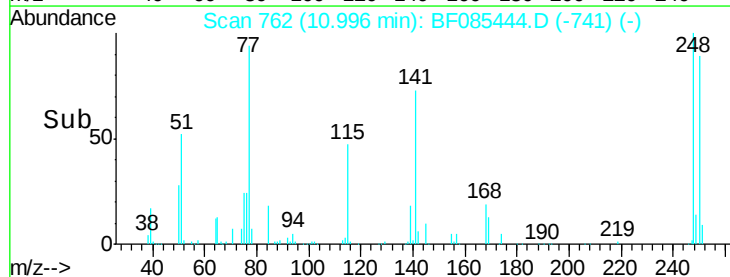
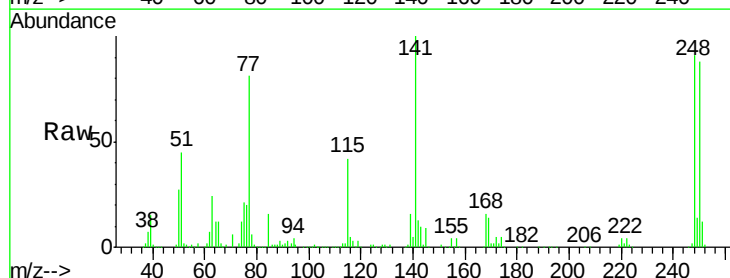
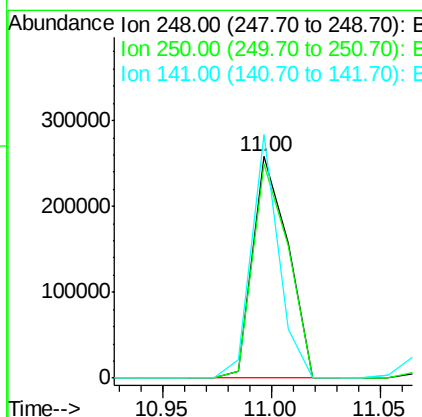
Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#66
4-Bromophenyl-phenylether
Concen: 42.70 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	290511		
250	96.8	77.1	115.7	
141	110.0	66.2	99.2	





#67

Hexachlorobenzene

Concen: 41.21 ng

RT: 11.06 min Scan# 768

Delta R.T. -0.06 min

Lab File: BF085444.D

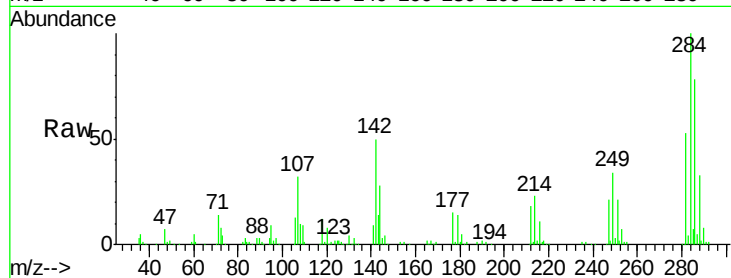
Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

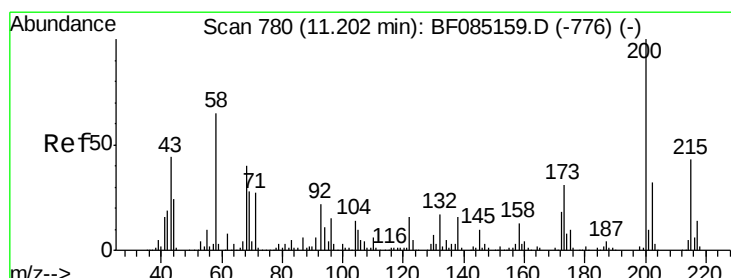
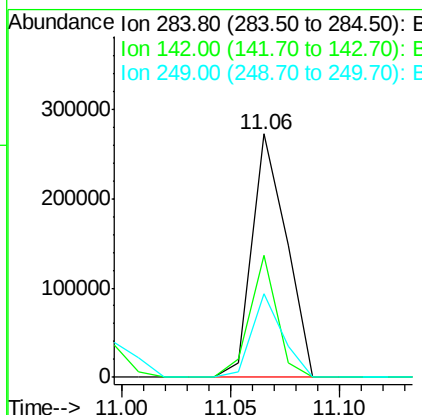
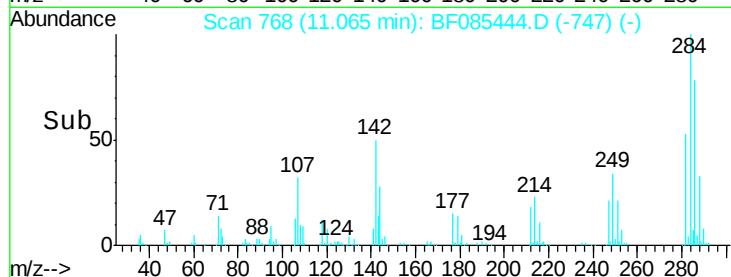
SSTDCCC040EC



Tgt Ion:	284	Resp:	299121
Ion Ratio	Lower	Upper	
284	100		
142	49.9	24.9	37.3#
249	34.2	25.0	37.4

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#68

Atrazine

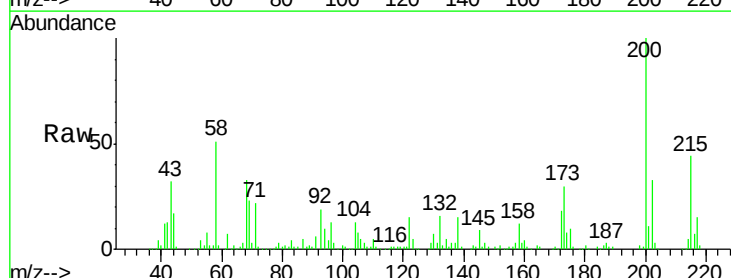
Concen: 42.39 ng

RT: 11.16 min Scan# 776

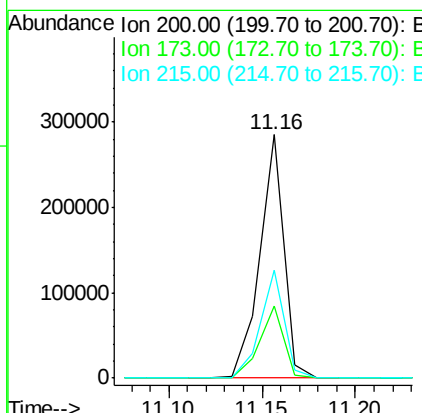
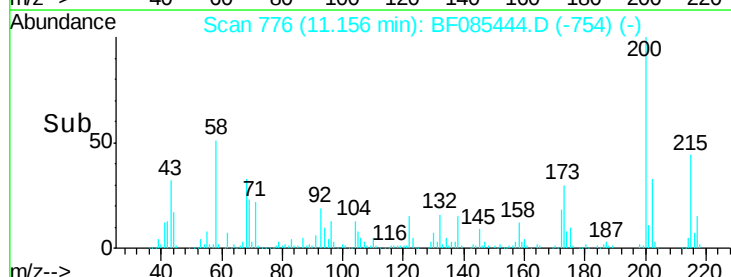
Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21



Tgt Ion:	200	Resp:	256909
Ion Ratio	Lower	Upper	
200	100		
173	29.7	10.5	50.5
215	44.4	23.4	63.4





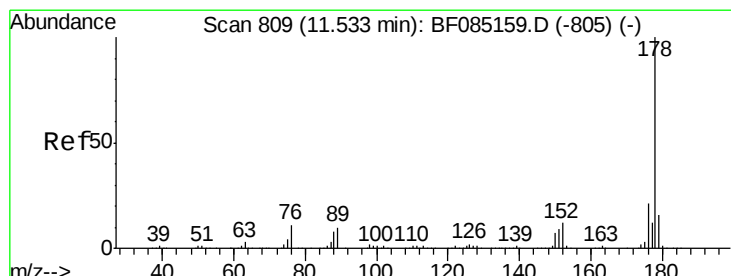
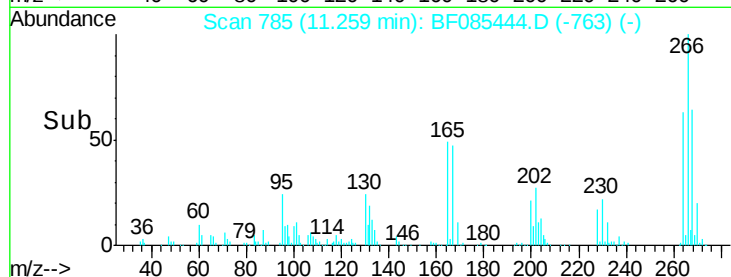
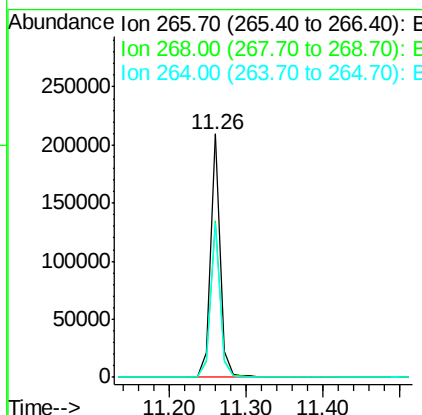
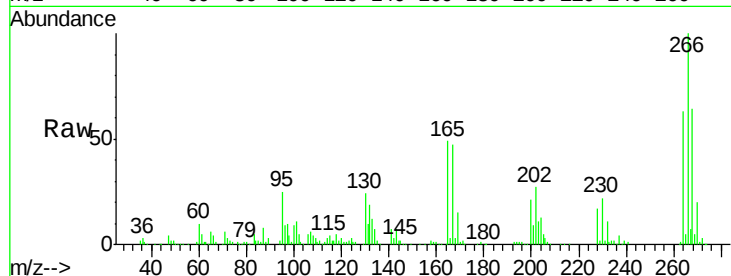
#69
 Pentachlorophenol
 Concen: 44.74 ng
 RT: 11.26 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	180255		
268	64.2	50.0	75.0	
264	63.1	51.4	77.2	

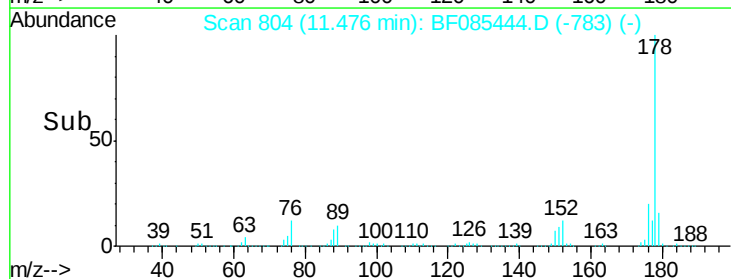
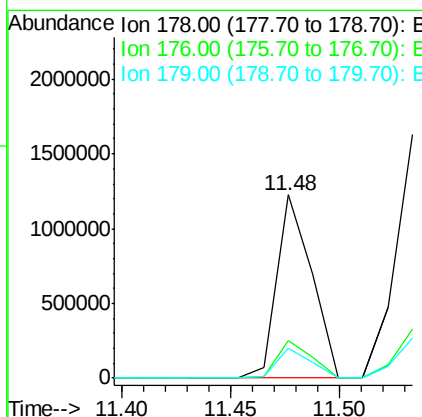
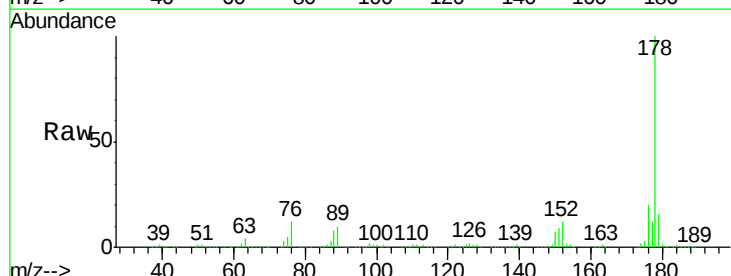
Manual Integrations
 APPROVED

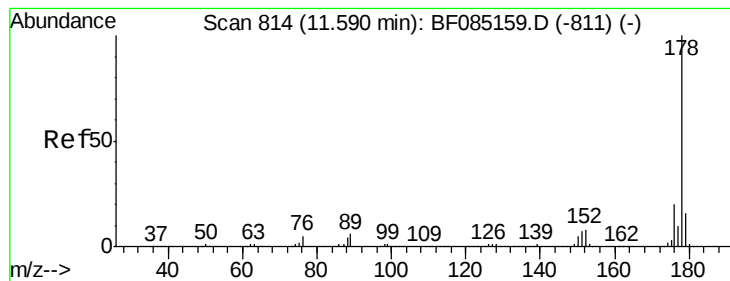
Sohil
 3/15/2016 2:09:52 PM



#70
 Phenanthrene
 Concen: 37.30 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.06 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1369731		
176	20.5	16.8	25.2	
179	16.3	13.1	19.7	





#71

Anthracene

Concen: 38.04 ng

RT: 11.53 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:178 Resp: 1482803

Ion Ratio Lower Upper

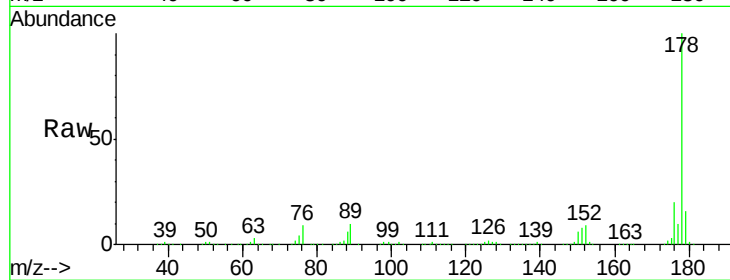
178 100

176 20.1 15.9 23.9

179 16.3 12.5 18.7

Manual Integrations
APPROVED

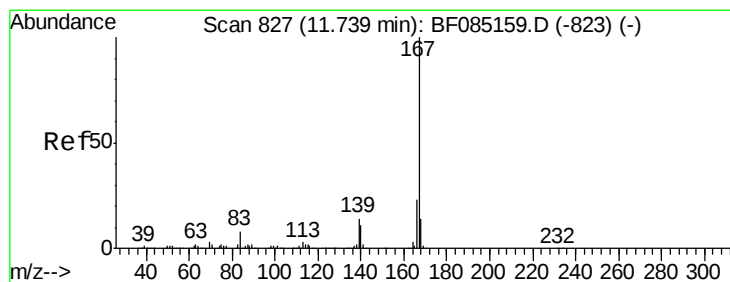
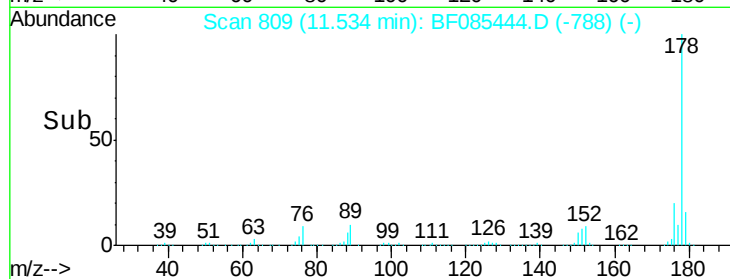
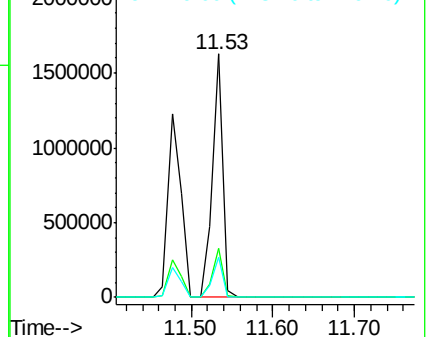
Sohil
3/15/2016 2:09:52 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.31 ng

RT: 11.68 min Scan# 822

Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

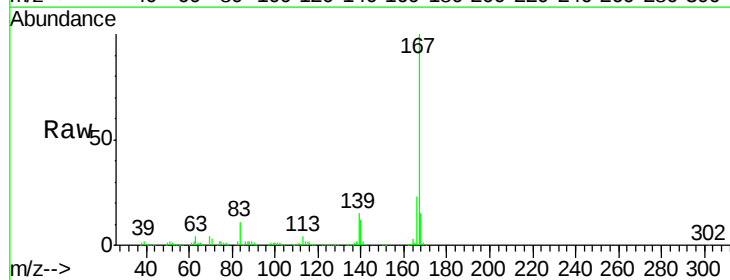
Tgt Ion:167 Resp: 1138691

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

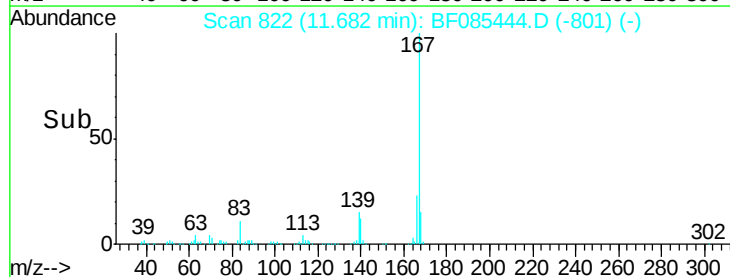
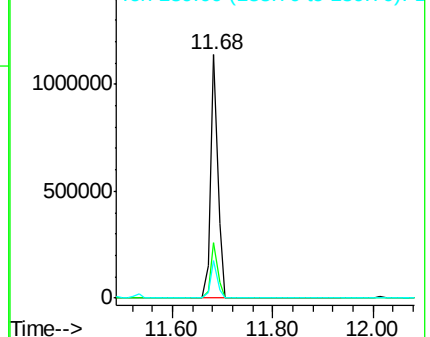
139 15.4 11.4 17.0

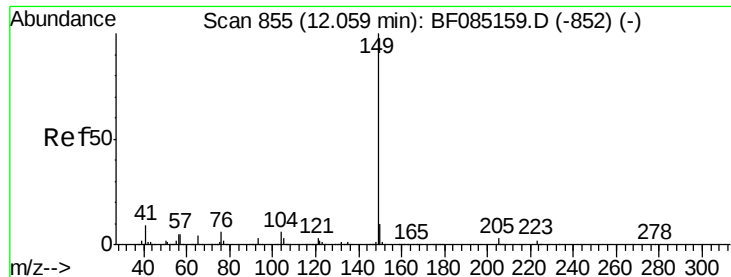


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.45 ng

RT: 12.01 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

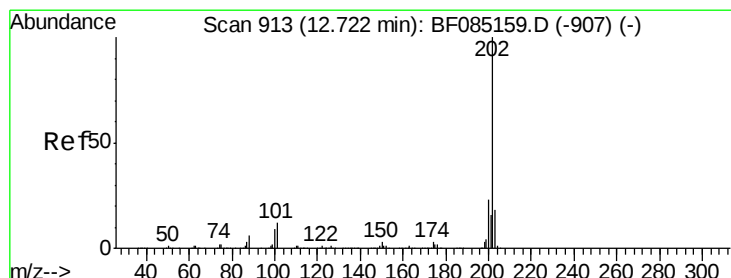
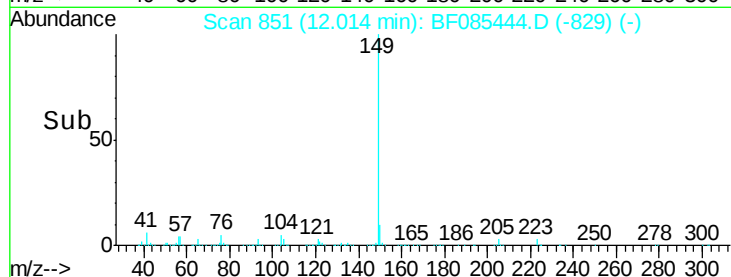
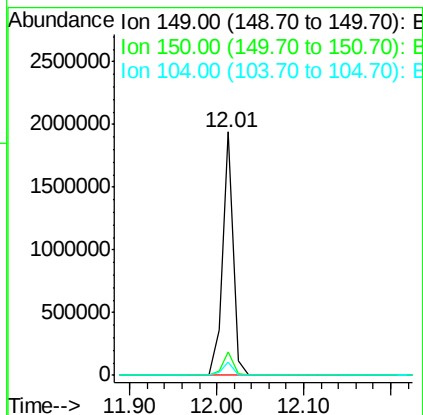
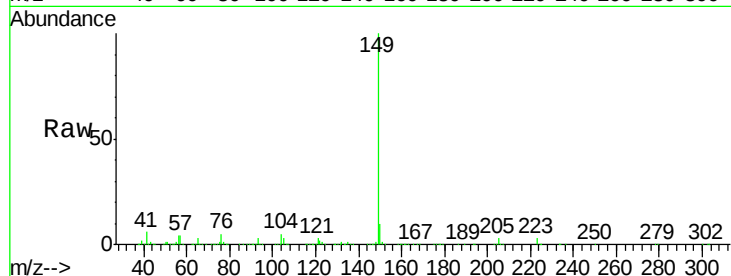
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	1661440
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	5.3	4.7	7.1

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#74

Fluoranthene

Concen: 31.38 ng

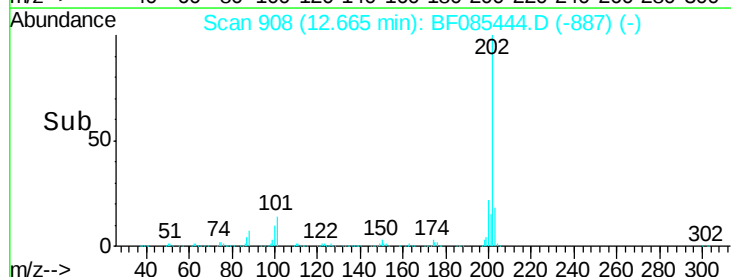
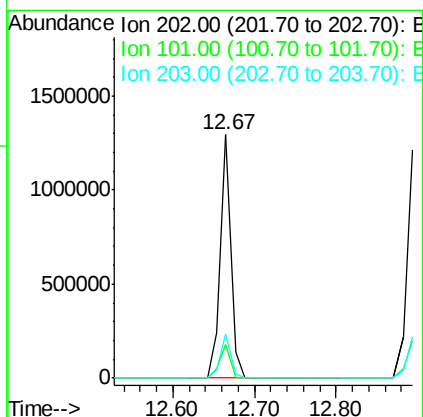
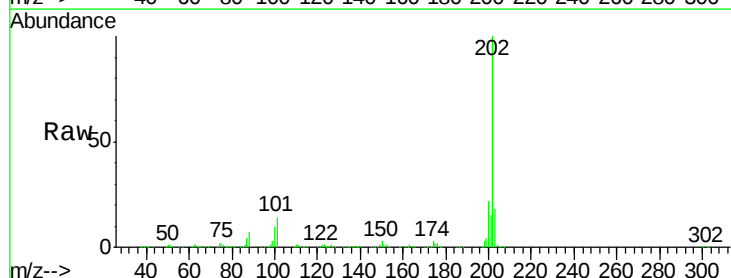
RT: 12.67 min Scan# 908

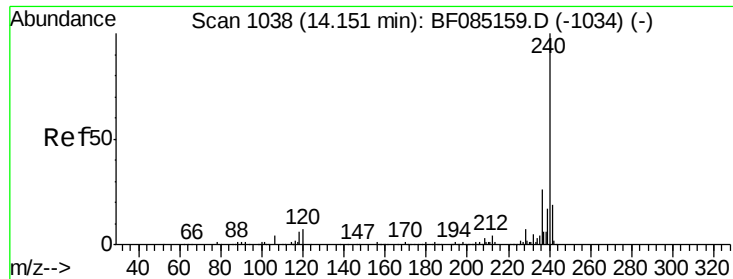
Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt Ion:	202	Resp:	1156188
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	31.8
203	18.3	0.0	38.4





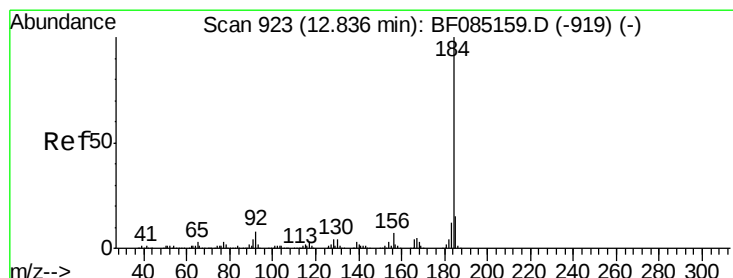
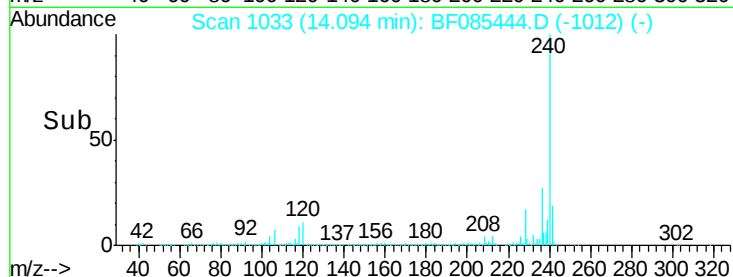
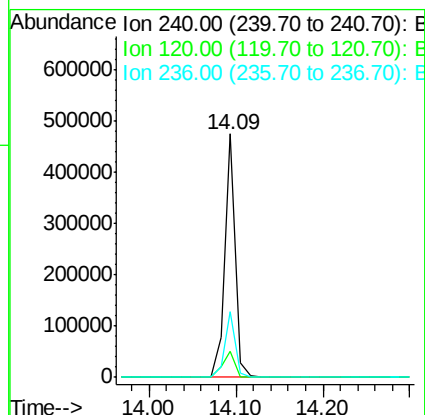
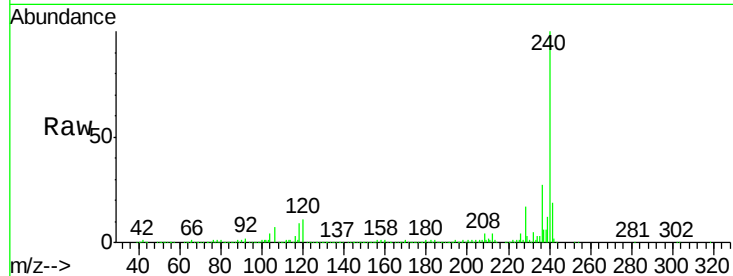
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.3	7.9#
236	26.8	20.7	31.1

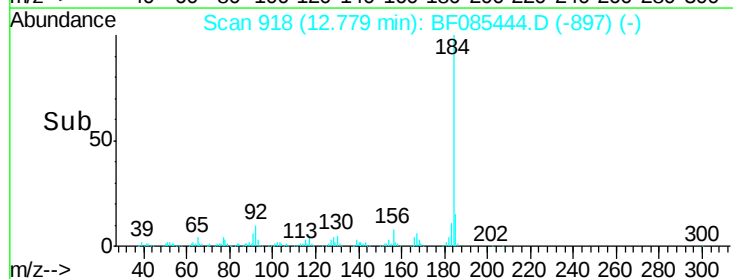
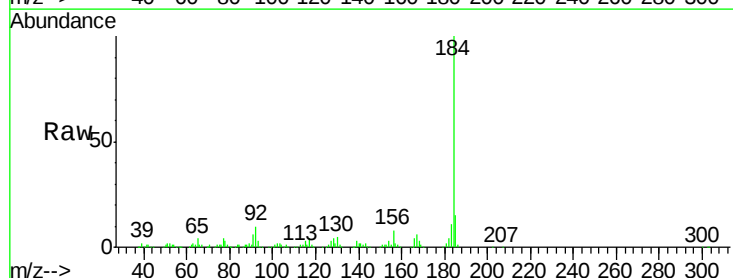
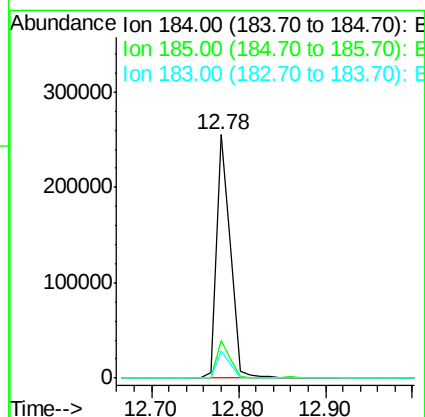
Manual Integrations
APPROVED

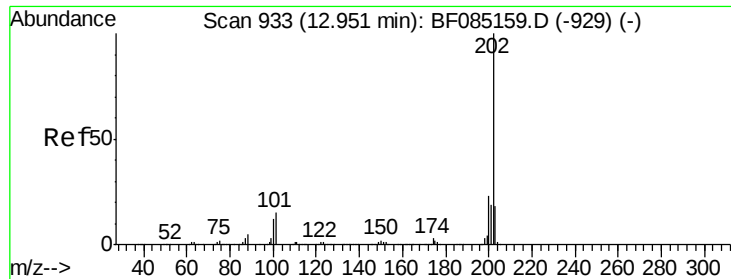
Sohil
3/15/2016 2:09:52 PM



#76
Benzidine
Concen: 24.05 ng
RT: 12.78 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.4	18.6
183	11.1	9.4	14.2





#77

Pyrene

Concen: 36.46 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.06 min

Lab File: BF085444.D

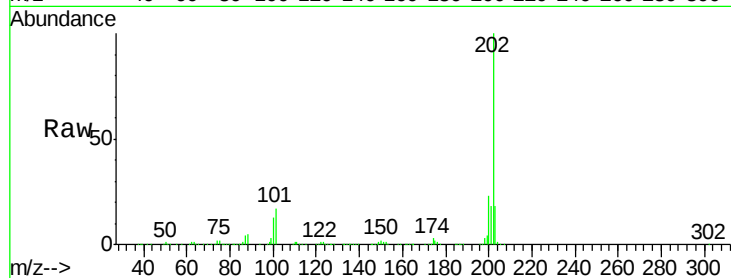
Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

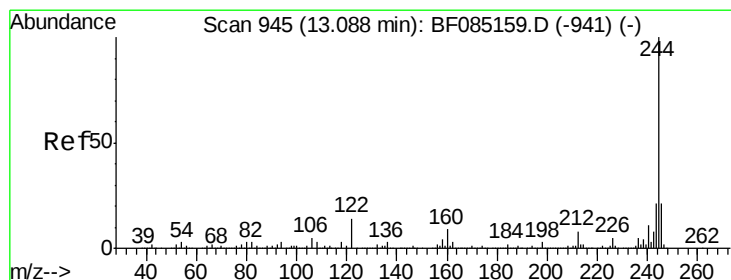
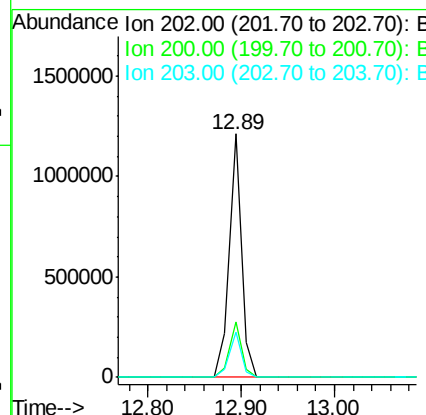
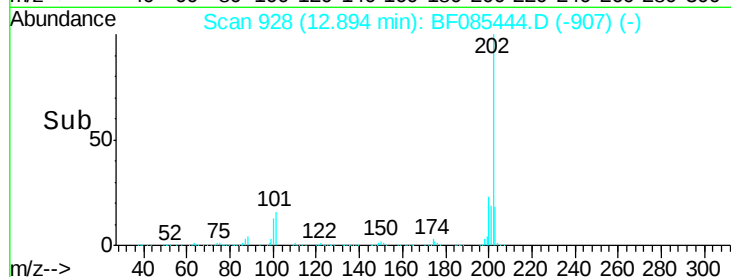
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.4
203	18.3	14.7	22.1

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#78

Terphenyl-d14

Concen: 88.28 ng

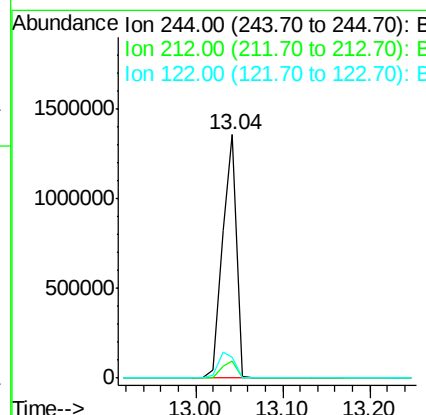
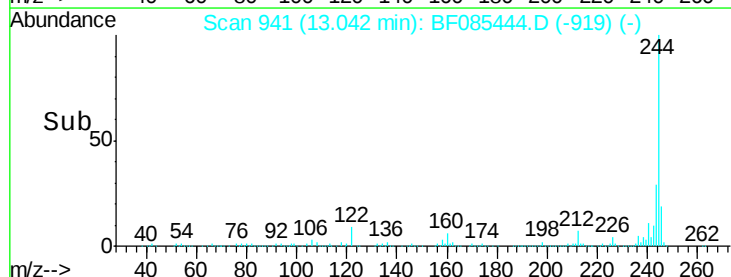
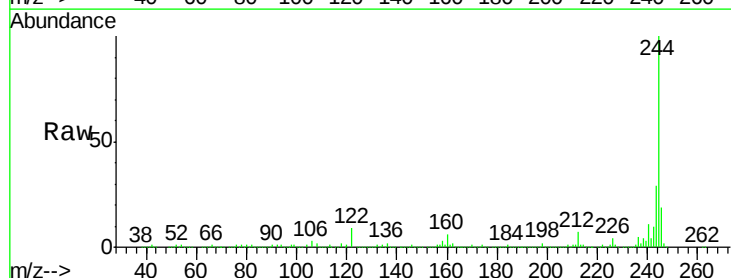
RT: 13.04 min Scan# 941

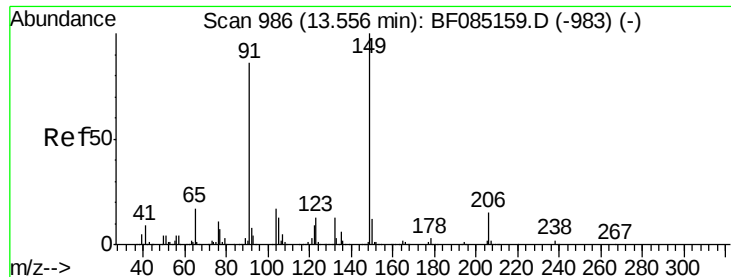
Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	8.5	11.4	17.2





#79

Butylbenzylphthalate

Concen: 43.41 ng

RT: 13.51 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF085444.D

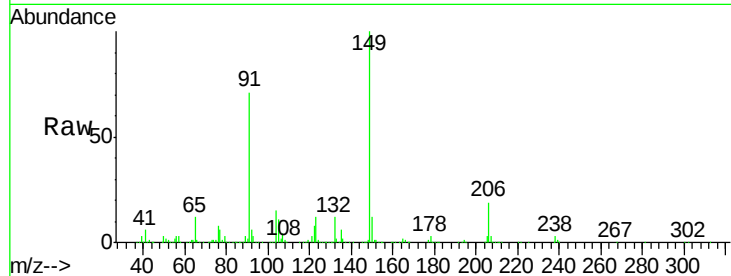
Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

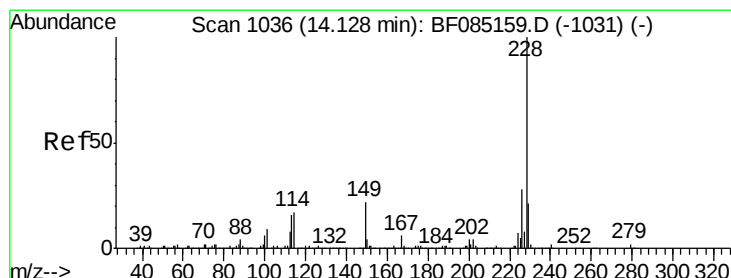
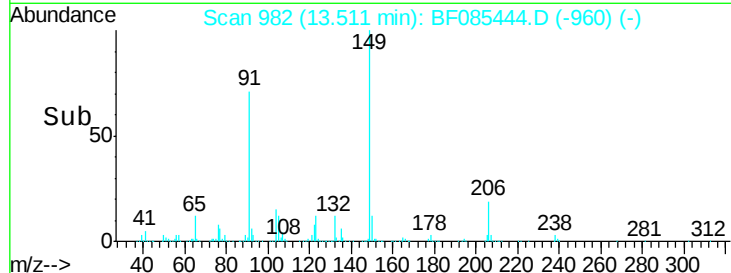
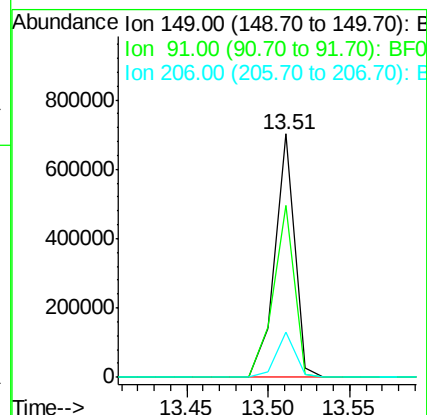
SSTDCCC040EC



Tgt Ion:	149	Resp:	598388
Ion Ratio	Lower	Upper	
149	100		
91	70.5	69.0	103.4
206	18.6	12.3	18.5#

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#80

Benzo(a)anthracene

Concen: 38.54 ng

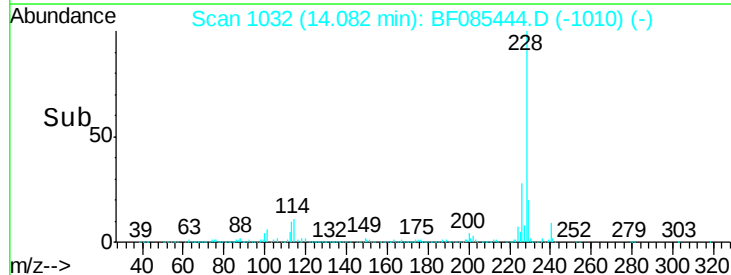
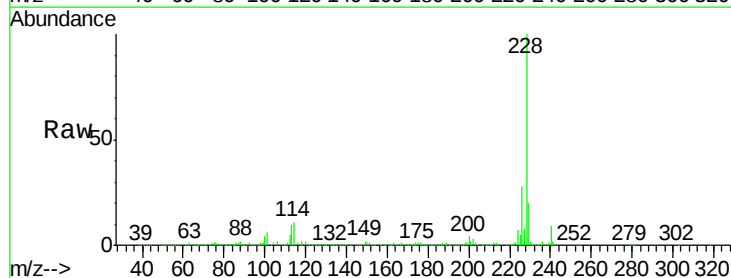
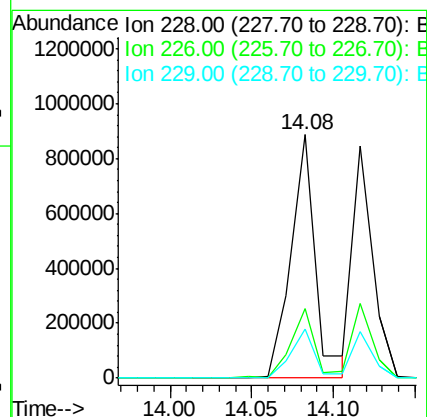
RT: 14.08 min Scan# 1032

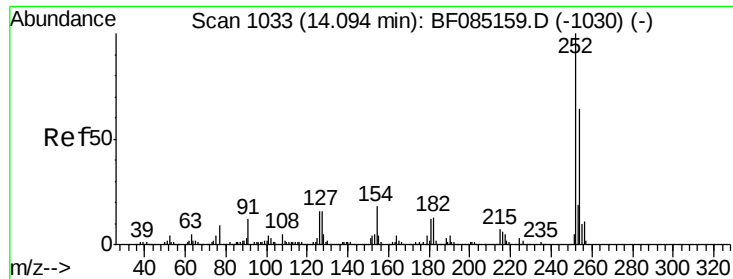
Delta R.T. -0.05 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt Ion:	228	Resp:	931196
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.8	34.2
229	20.0	16.6	24.8





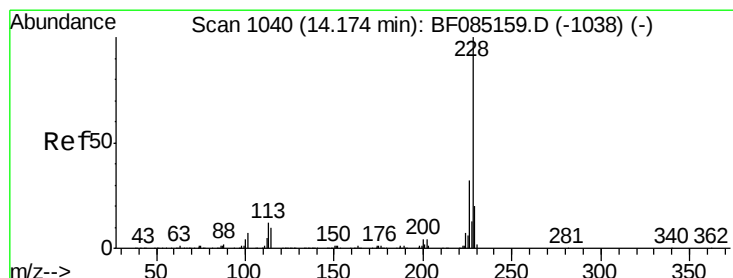
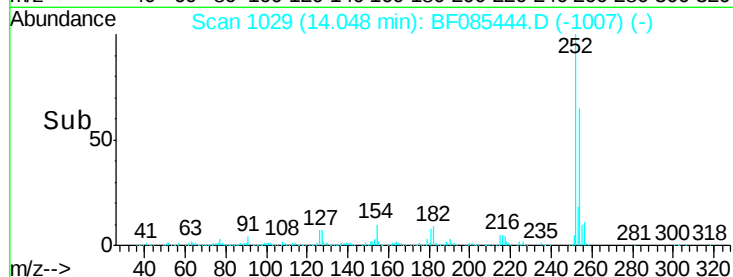
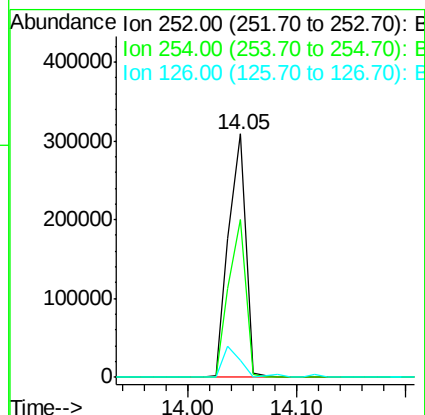
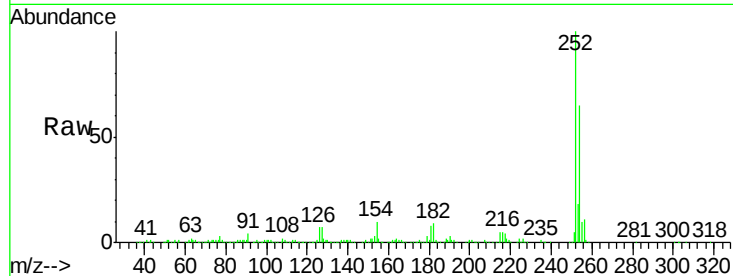
#81
 3,3'-Dichlorobenzidine
 Concen: 44.74 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.05 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.7	51.4	77.0
126	7.0	12.9	19.3

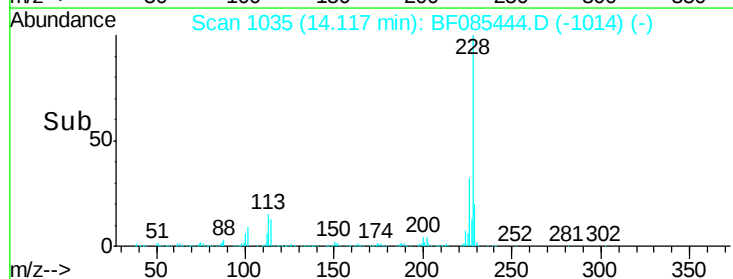
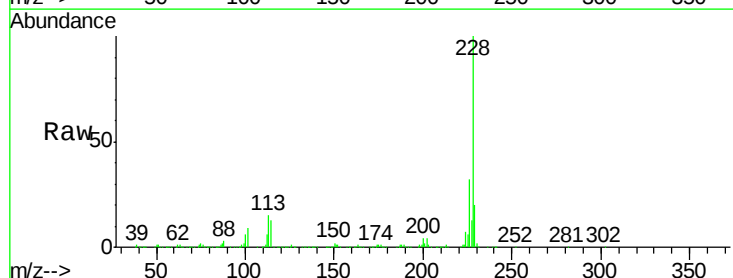
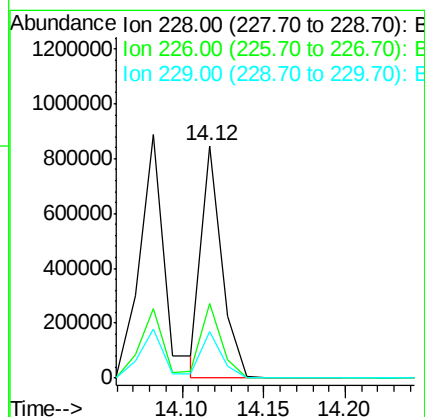
Manual Integrations
 APPROVED

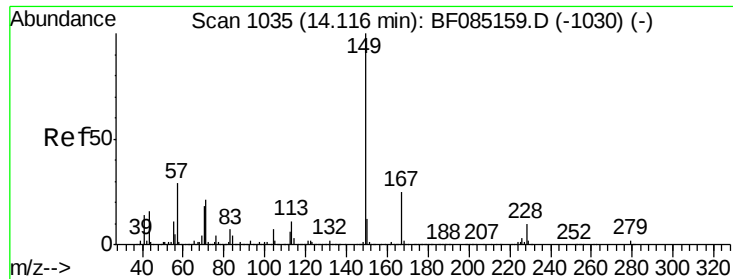
Sohil
 3/15/2016 2:09:52 PM



#82
 Chrysene
 Concen: 33.19 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.0	25.2	37.8
229	20.2	16.0	24.0





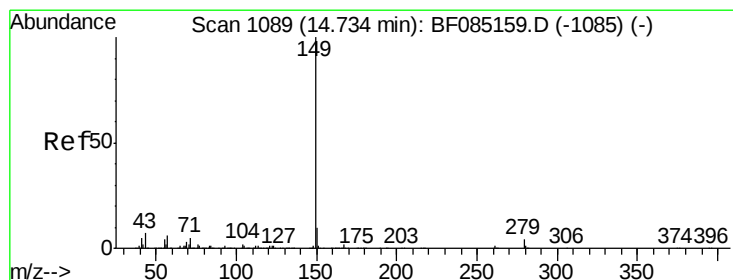
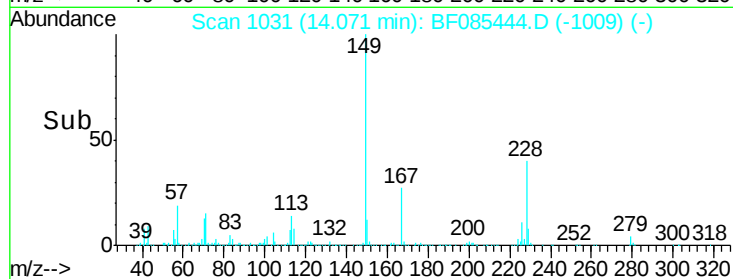
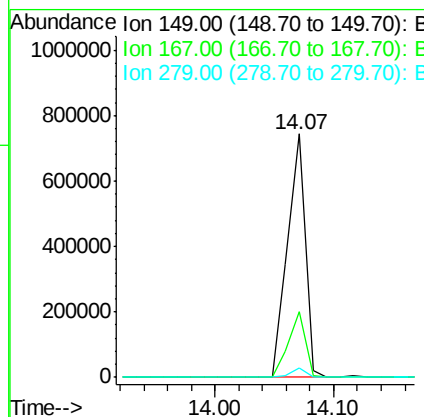
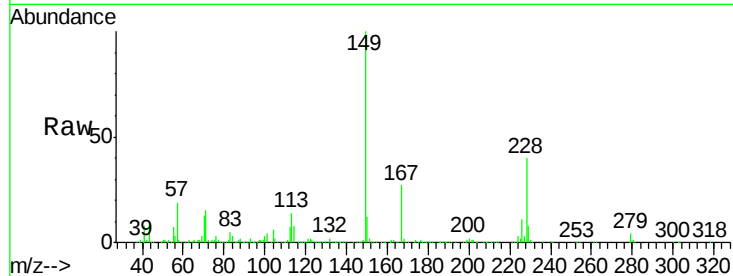
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.20 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	149	Resp:	765508
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.3	30.5
279	3.9	1.9	2.9#

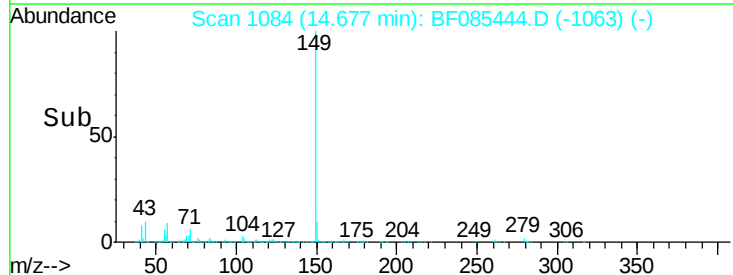
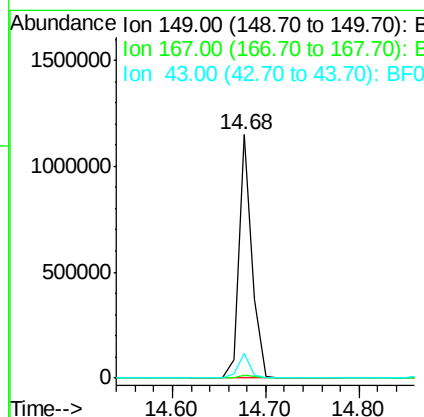
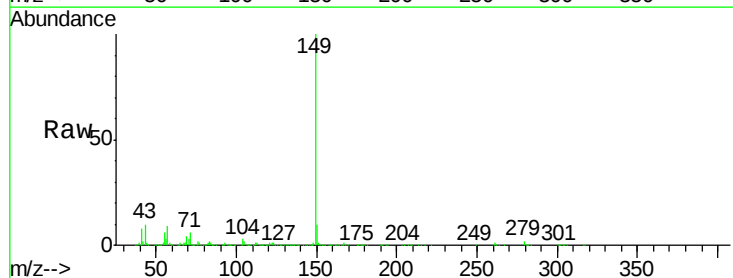
Manual Integrations
 APPROVED

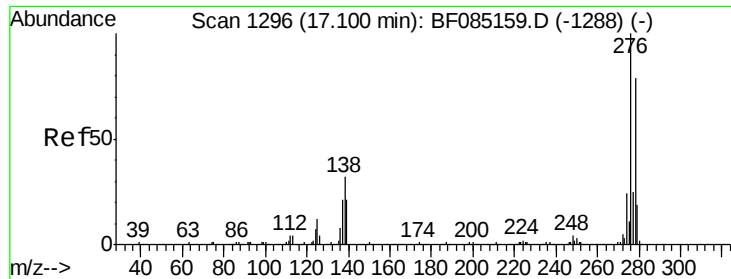
Sohil
 3/15/2016 2:09:52 PM



#84
 Di-n-octyl phthalate
 Concen: 40.32 ng
 RT: 14.68 min Scan# 1084
 Delta R.T. -0.06 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Tgt Ion:	149	Resp:	1114047
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	9.3	7.8	11.8





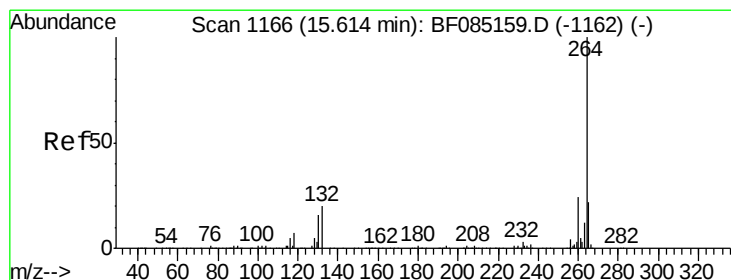
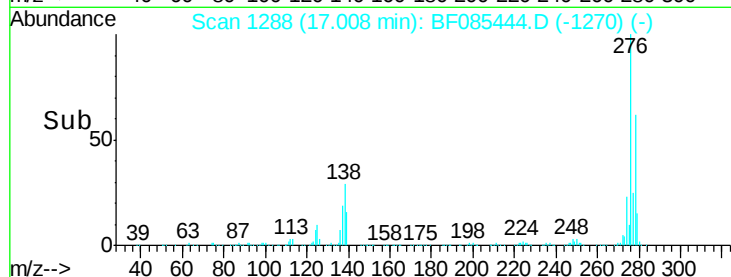
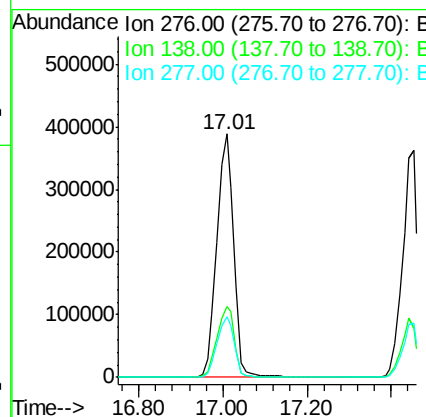
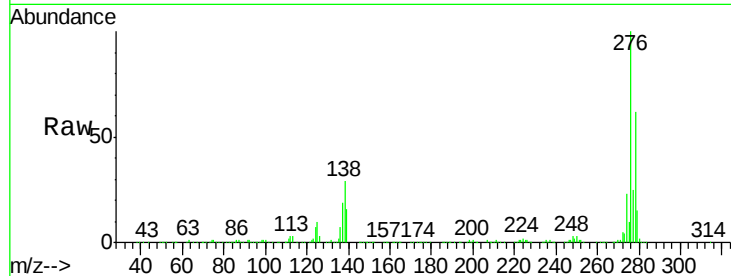
#85
Indeno(1,2,3-cd)pyrene
Concen: 62.92 ng
RT: 17.01 min Scan# 1288
Delta R.T. -0.09 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 276 Resp: 1096161
Ion Ratio Lower Upper
276 100
138 29.9 26.4 39.6
277 25.5 20.2 30.2

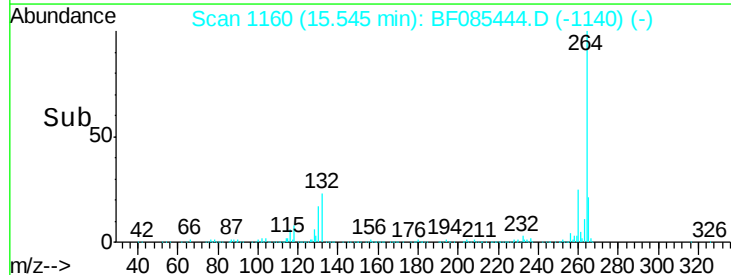
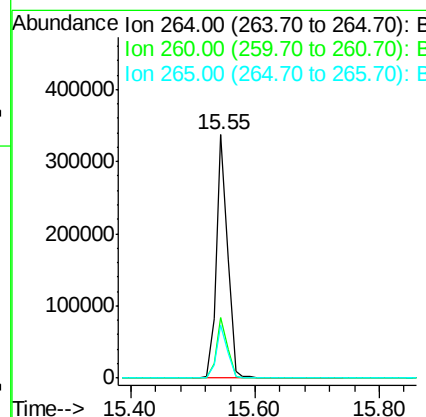
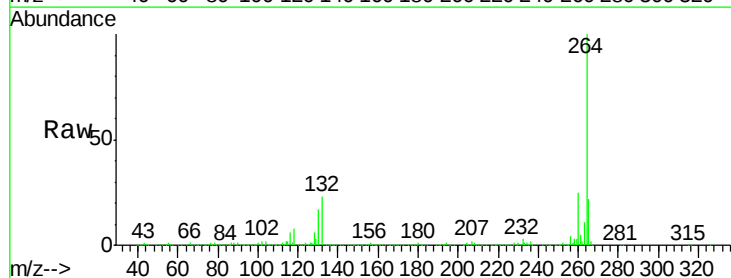
Manual Integrations
APPROVED

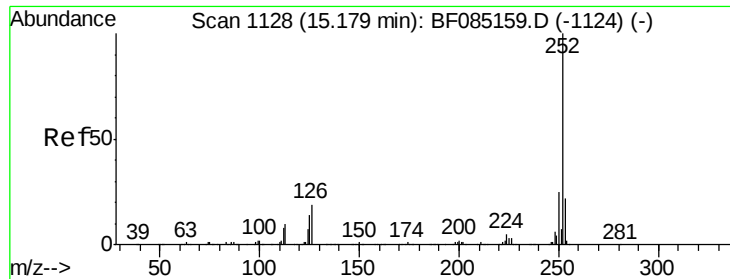
Sohil
3/15/2016 2:09:52 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085444.D
Acq: 14 Mar 2016 22:21

Tgt Ion: 264 Resp: 416368
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 21.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 39.54 ng m

RT: 15.12 min Scan# 1123

Delta R.T. -0.06 min

Lab File: BF085444.D

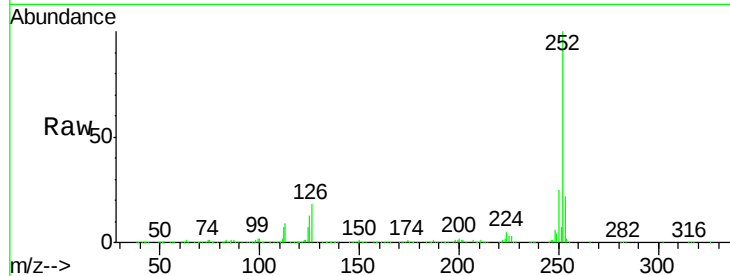
Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

ClientSampleId :

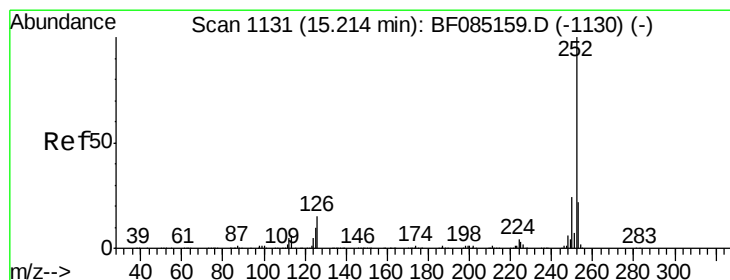
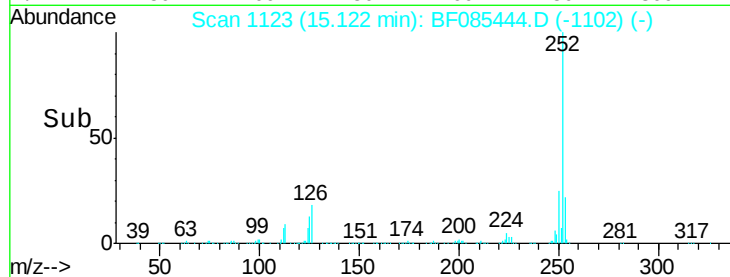
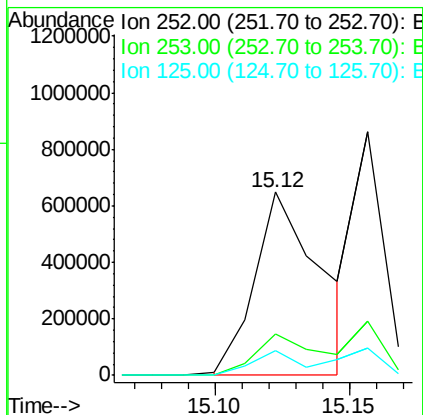
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	13.4	11.3	16.9

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 PM



#88

Benzo(k)fluoranthene

Concen: 30.22 ng m

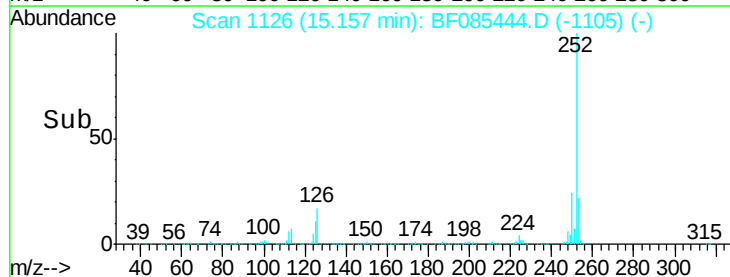
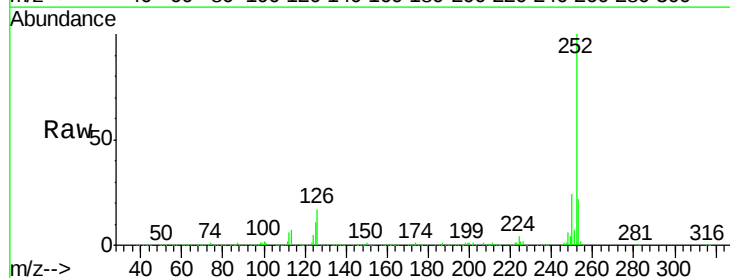
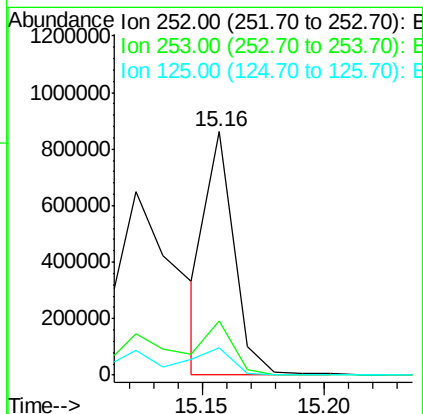
RT: 15.16 min Scan# 1126

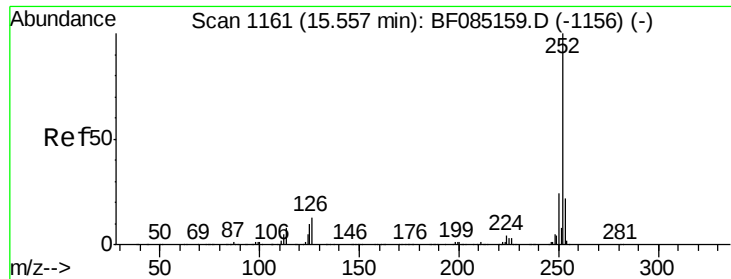
Delta R.T. -0.06 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.4	10.4	15.6





#89

Benzo(a)pyrene

Concen: 38.95 ng

RT: 15.49 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF085444.D

Acq: 14 Mar 2016 22:21

Instrument :

BNA_F

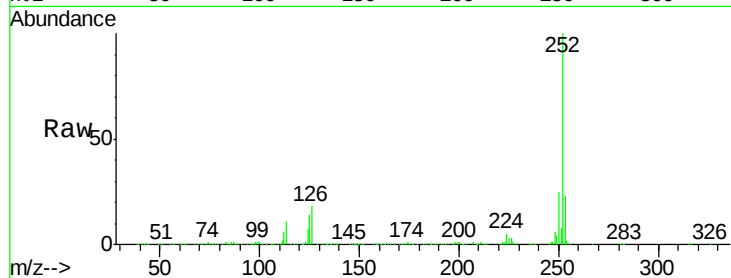
ClientSampleId :

SSTDCCC040EC

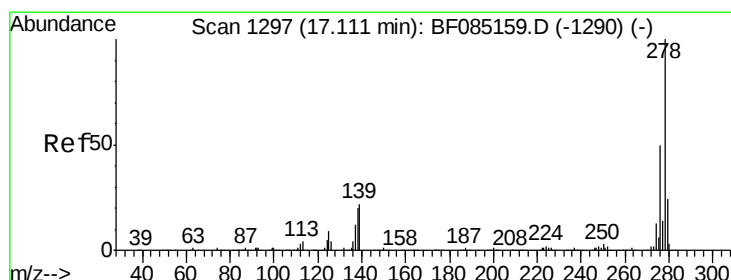
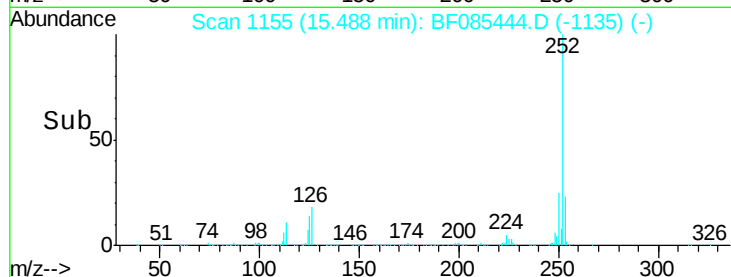
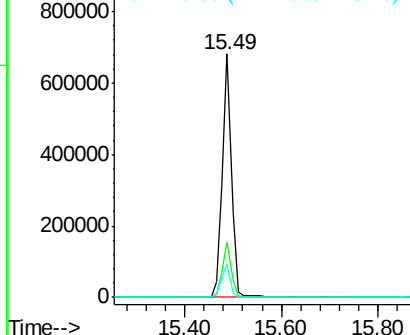
Tgt Ion:	252	Resp:	895677
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	13.7	8.2	12.4#

Manual Integrations
APPROVED

Sohil
3/15/2016 2:09:52 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: 47.21 ng

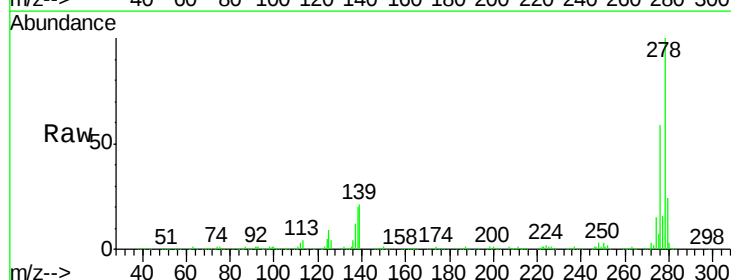
RT: 17.02 min Scan# 1289

Delta R.T. -0.09 min

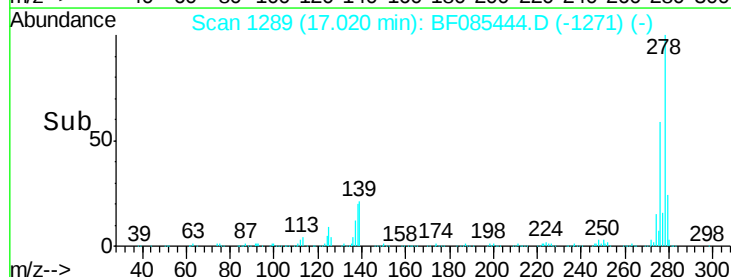
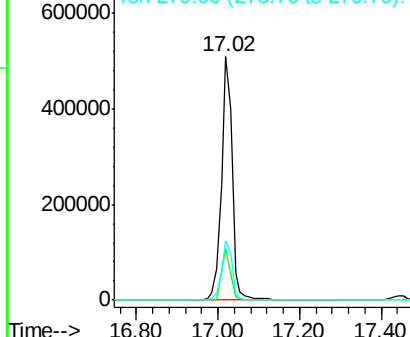
Lab File: BF085444.D

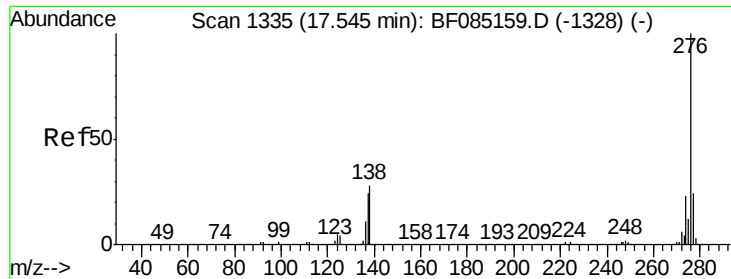
Acq: 14 Mar 2016 22:21

Tgt Ion:	278	Resp:	926708
Ion Ratio	Lower	Upper	
278	100		
139	21.1	17.3	25.9
279	24.4	19.2	28.8



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





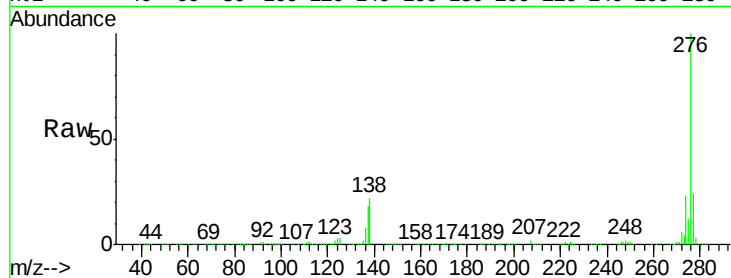
#91
 Benzo(g,h,i)perylene
 Concen: 44.53 ng
 RT: 17.45 min Scan# 1327
 Delta R.T. -0.09 min
 Lab File: BF085444.D
 Acq: 14 Mar 2016 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	21.9	22.5	33.7

Manual Integrations
 APPROVED

Sohil
 3/15/2016 2:09:52 PM



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

