

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084153.D
 Acq On : 26 Dec 2015 2:49
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 12/28/2015 5:58:45 PM

Quant Time: Dec 26 06:19:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50536	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	189967	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	74205	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	129220	20.00	ng	0.00
75) Chrysene-d12	13.96	240	115462	20.00	ng	0.00
86) Perylene-d12	15.38	264	84541	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	259129	86.93	ng	0.00
7) Phenol-d6	6.46	99	307955	83.49	ng	0.01
23) Nitrobenzene-d5	7.37	82	255168	78.63	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	56735	71.70	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	452439	83.43	ng	0.00
78) Terphenyl-d14	12.90	244	415854	65.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	49944	40.88	ng	100
3) Pyridine	3.05	79	135606	45.45	ng	97
4) n-Nitrosodimethylamine	2.99	42	53324	40.56	ng	98
6) Aniline	6.46	93	195928	42.02	ng	96
8) 2-Chlorophenol	6.59	128	146868	39.68	ng	99
9) Benzaldehyde	6.35	77	80881	41.00	ng	92
10) Phenol	6.48	94	178408	42.29	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	124147	40.81	ng	94
12) 1,3-Dichlorobenzene	6.74	146	161069m	39.86	ng	
13) 1,4-Dichlorobenzene	6.82	146	172886	42.51	ng	94
14) 1,2-Dichlorobenzene	6.98	146	144712m	38.62	ng	
15) Benzyl Alcohol	6.96	79	109095	39.06	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	118567	39.90	ng	# 12
17) 2-Methylphenol	7.08	107	106848	37.59	ng	# 89
18) Hexachloroethane	7.31	117	42770	28.82	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	85114	37.46	ng	# 85
20) 3+4-Methylphenols	7.23	107	144160	39.76	ng	# 50
22) Acetophenone	7.22	105	201179	42.38	ng	# 87
24) Nitrobenzene	7.39	77	152630	44.29	ng	94
25) Isophorone	7.63	82	249397	41.54	ng	95
26) 2-Nitrophenol	7.71	139	32621	18.50	ng	95
27) 2,4-Dimethylphenol	7.76	122	120417	41.14	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	132786	37.94	ng	99
29) 2,4-Dichlorophenol	7.96	162	101577	37.36	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	115708	38.84	ng	99
31) Naphthalene	8.11	128	412063	40.77	ng	99
32) Benzoic acid	7.87	122	27404m	19.53	ng	
33) 4-Chloroaniline	8.17	127	158428	39.39	ng	# 88
34) Hexachlorobutadiene	8.24	225	68122	40.09	ng	98
35) Caprolactam	8.53	113	27738	36.79	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	115526	37.79	ng	94
37) 2-Methylnaphthalene	8.80	142	224939	35.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	100940	43.15	ng	99
42) 2,4,6-Trichlorophenol	9.09	196	58116	38.10	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	58398	38.25	nq	97
45) 1,1'-Biphenyl	9.26	154	308571	46.03	nq	98
46) 2-Chloronaphthalene	9.29	162	216512	42.48	nq	97
47) 2-Nitroaniline	9.39	65	66008	48.74	nq	# 68
48) Acenaphthylene	9.70	152	335128	40.04	nq	100
49) Dimethylphthalate	9.56	163	251557	40.93	nq	# 91
50) 2,6-Dinitrotoluene	9.63	165	45940	35.22	nq	95
51) Acenaphthene	9.87	154	187663	38.55	nq	99
52) 3-Nitroaniline	9.80	138	69426	49.59	nq	# 79
54) Dibenzofuran	10.04	168	253957	37.94	nq	# 90
55) 4-Nitrophenol	10.00	139	24398	34.14	nq	98
56) 2,4-Dinitrotoluene	10.04	165	45796	26.59	nq	# 85
57) Fluorene	10.38	166	209759	36.87	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	40536	37.25	nq	# 94
59) Diethylphthalate	10.26	149	239719	38.40	nq	96
60) 4-Chlorophenyl-phenylether	10.37	204	96235	36.67	nq	# 74
61) 4-Nitroaniline	10.41	138	63443	49.03	nq	97
62) Azobenzene	10.53	77	187163	36.39	nq	87
65) n-Nitrosodiphenylamine	10.50	169	201356	43.71	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	60002	40.08	nq	# 74
67) Hexachlorobenzene	10.94	284	64301	39.23	nq	# 90
68) Atrazine	11.02	200	49607	35.76	nq	98
69) Pentachlorophenol	11.14	266	22780	45.90	nq	98
70) Phenanthrene	11.34	178	288772	37.70	nq	99
71) Anthracene	11.40	178	315780	39.42	nq	98
72) Carbazole	11.56	167	268945	39.47	nq	97
73) Di-n-butylphthalate	11.88	149	342649	39.03	nq	# 98
74) Fluoranthene	12.53	202	307703	36.85	nq	97
76) Benzidine	12.66	184	188035	47.92	nq	99
77) Pyrene	12.76	202	311396	31.26	nq	99
79) Butylbenzylphthalate	13.38	149	164727	39.95	nq	88
80) Benzo(a)anthracene	13.95	228	265814	37.43	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	105886	49.23	nq	# 93
82) Chrysene	13.99	228	241149	36.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	208987	39.22	nq	# 99
84) Di-n-octyl phthalate	14.55	149	334451	44.61	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	194617	29.67	nq	98
87) Benzo(b)fluoranthene	14.98	252	219328m	34.93	nq	
88) Benzo(k)fluoranthene	15.00	252	219642m	51.62	nq	
89) Benzo(a)pyrene	15.32	252	196175	37.93	nq	# 94
90) Dibenzo(a,h)anthracene	16.79	278	165141	32.72	nq	96
91) Benzo(g,h,i)perylene	17.20	276	154514	29.99	nq	98

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

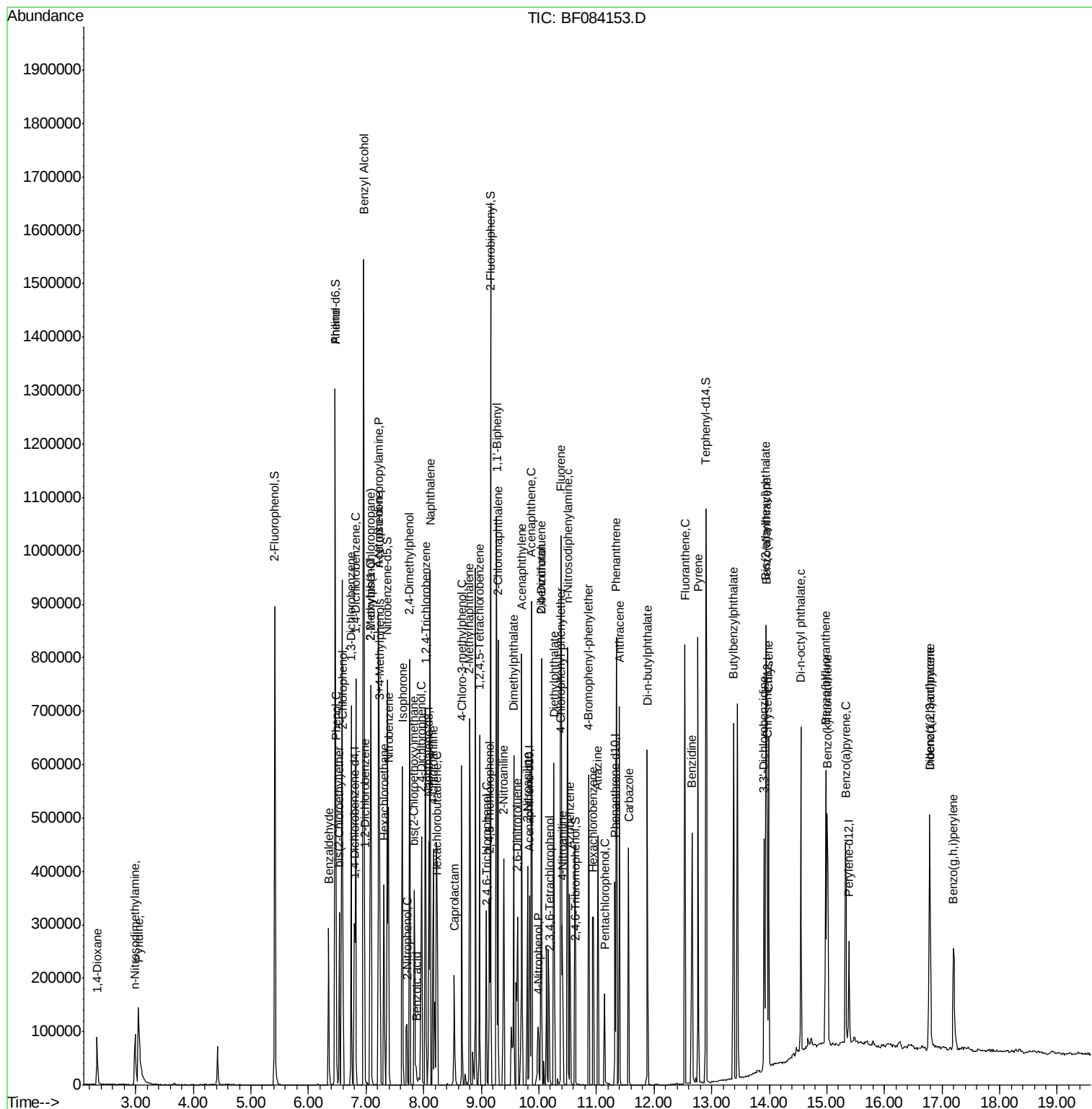
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
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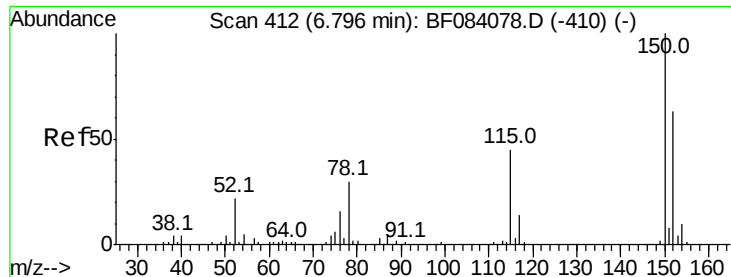
Instrument :
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 ClientSampleId :
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#1

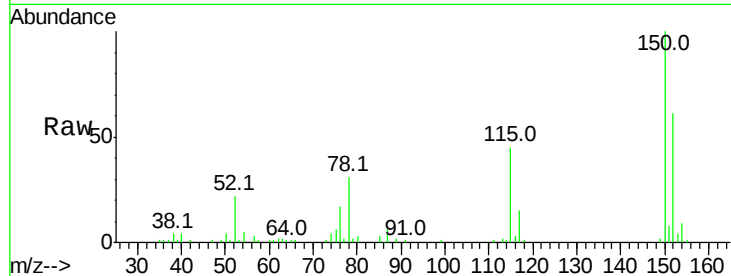
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampled :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.9	123.0	184.4
115	73.9	51.4	77.2

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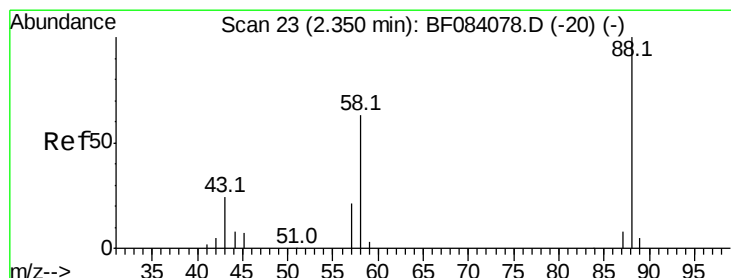
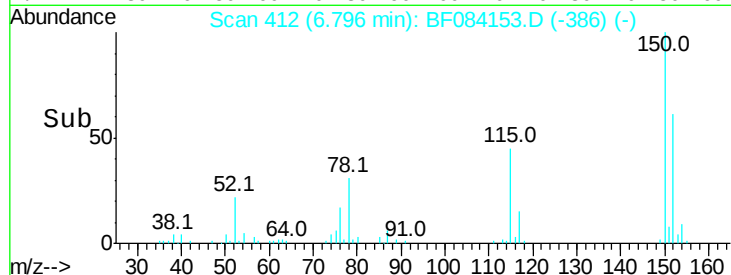
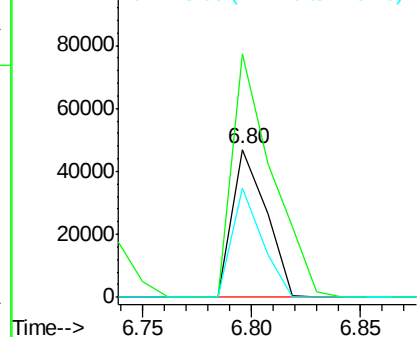


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

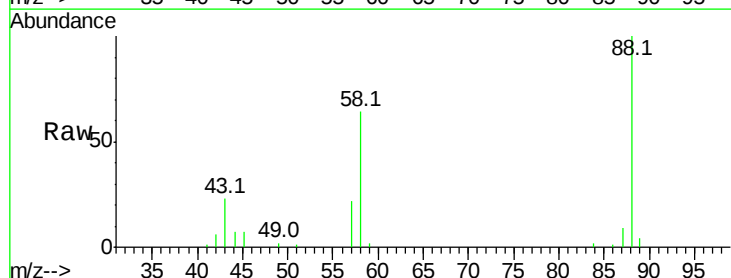
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.88 ng
RT: 2.33 min Scan# 21
Delta R.T. -0.02 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.0	51.2	76.8
43	24.2	19.5	29.3

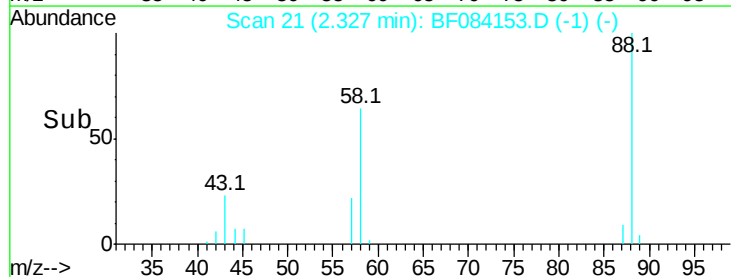
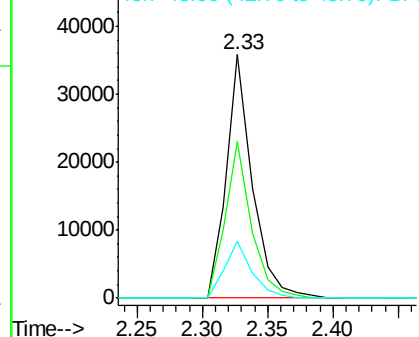


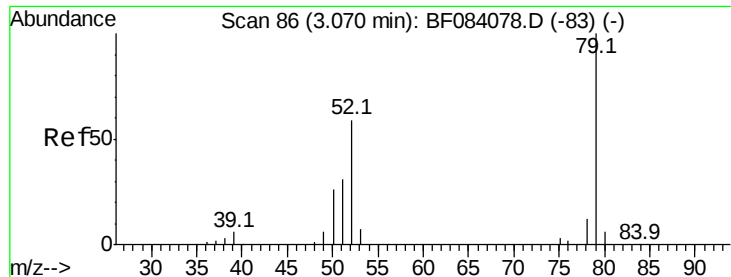
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.45 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.02 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

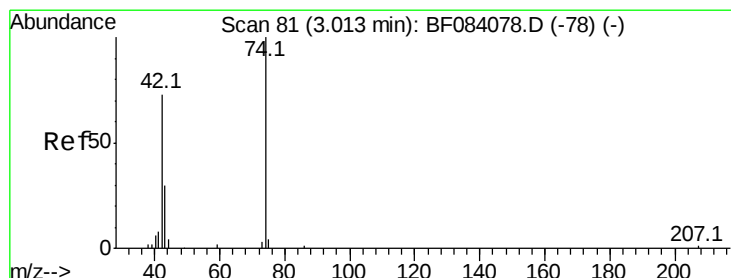
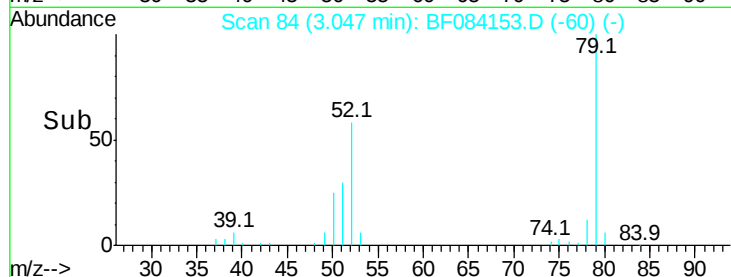
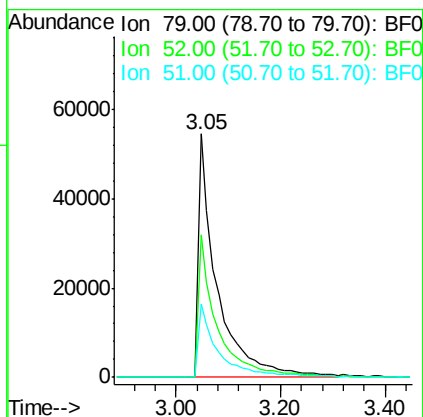
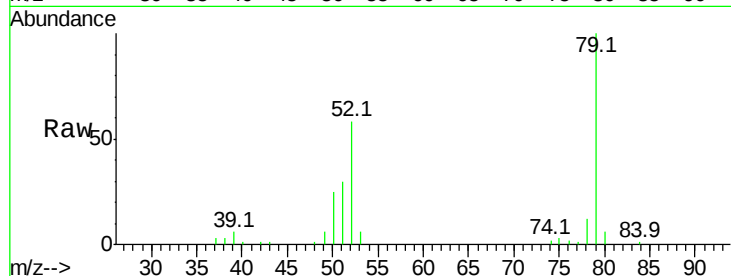
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	135606
Ion Ratio	Lower	Upper	
79	100		
52	58.3	49.0	73.4
51	29.9	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 40.56 ng

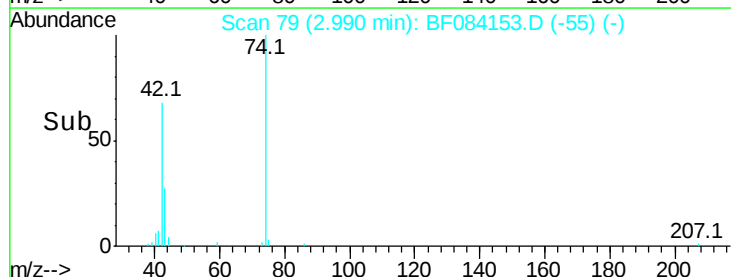
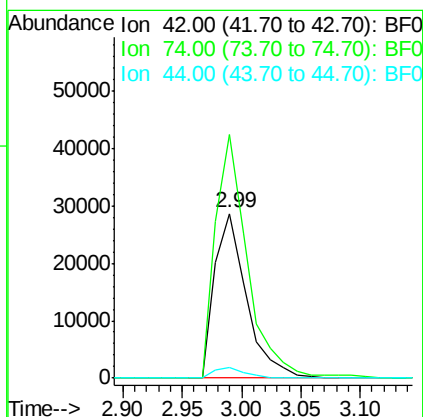
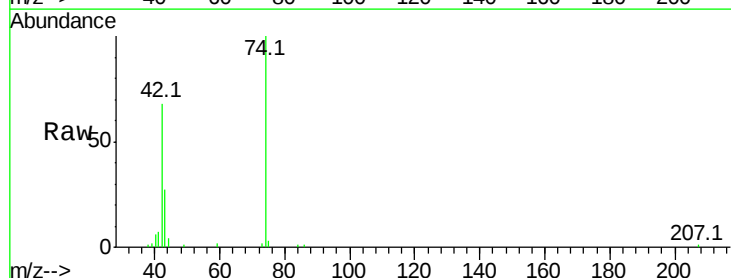
RT: 2.99 min Scan# 79

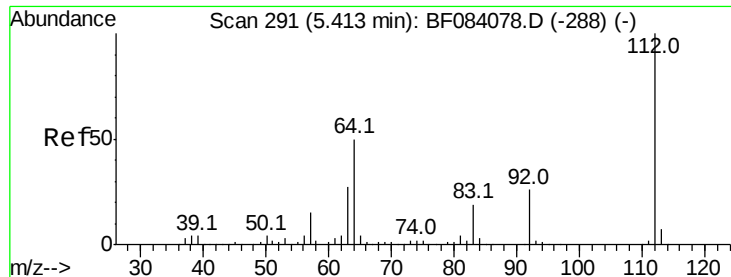
Delta R.T. -0.02 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion:	42	Resp:	53324
Ion Ratio	Lower	Upper	
42	100		
74	147.7	115.7	173.5
44	6.3	5.1	7.7





#5

2-Fluorophenol

Concen: 86.93 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

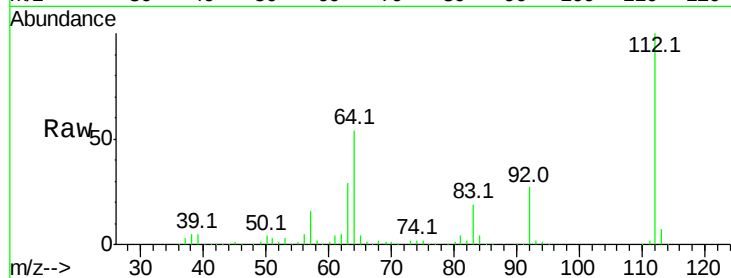
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	259129
Ion Ratio	Lower	Upper	
112	100		
64	54.3	36.6	55.0
63	28.8	19.4	29.0

Manual Integrations
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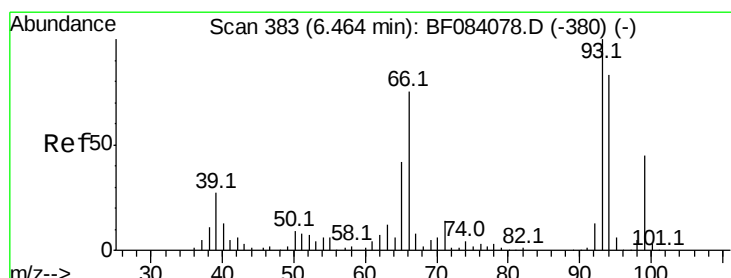
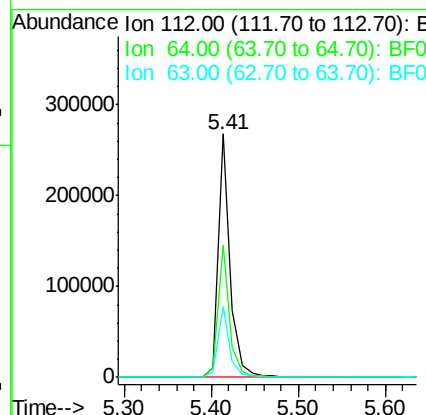
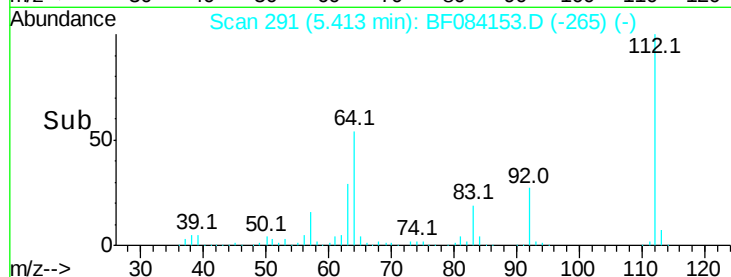
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.02 ng

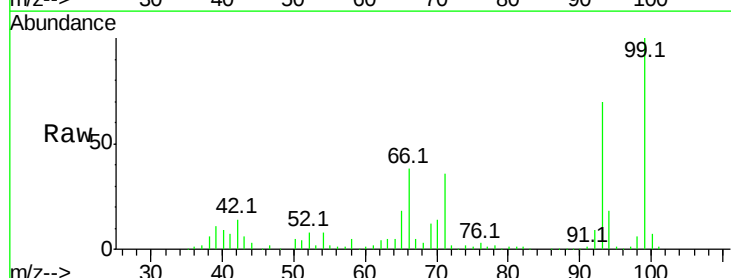
RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

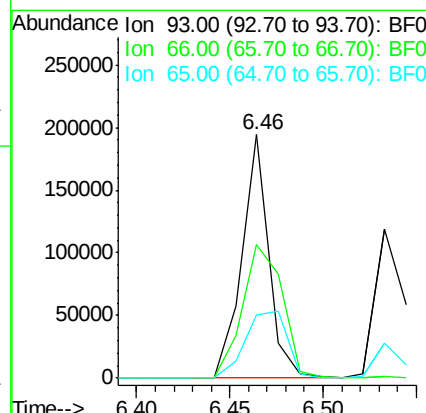
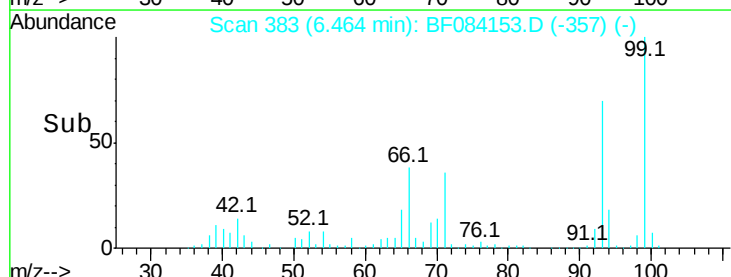
Tgt Ion:	93	Resp:	195928
Ion Ratio	Lower	Upper	
93	100		
66	54.8	44.9	67.3
65	25.8	23.7	35.5

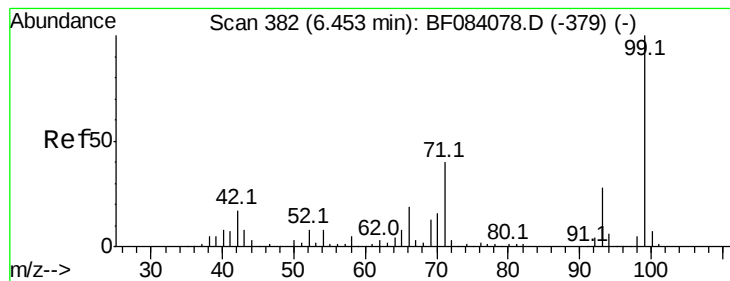


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.49 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

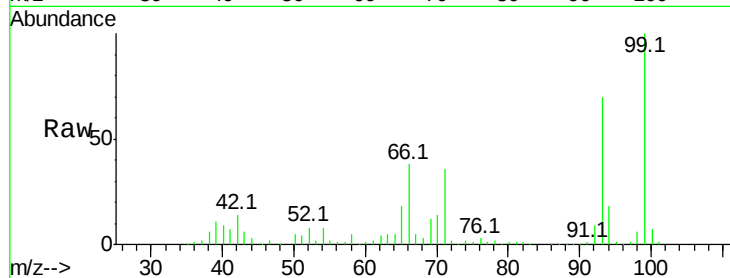
ClientSampleId :

SSTDCCC040EC

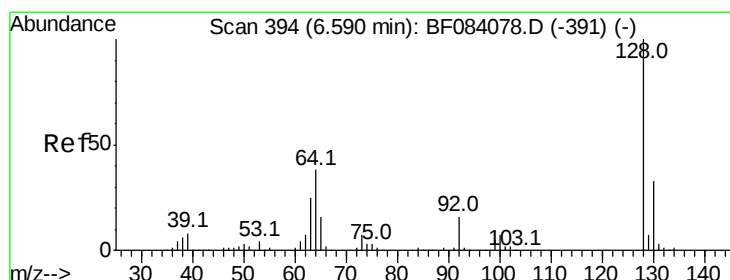
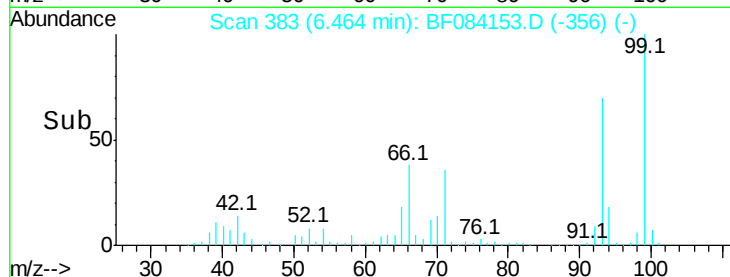
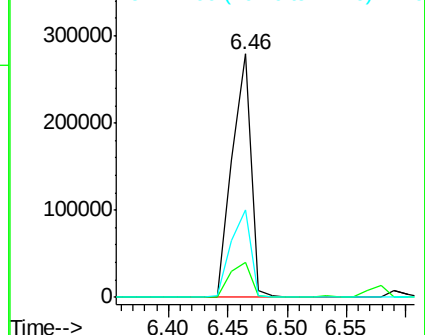
Tot Ion:	99	Resp:	307955
Ion Ratio	Lower	Upper	
99	100		
42	14.1	12.8	19.2
71	35.9	30.9	46.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.68 ng

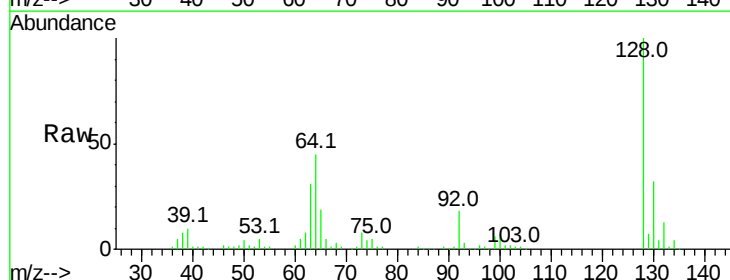
RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

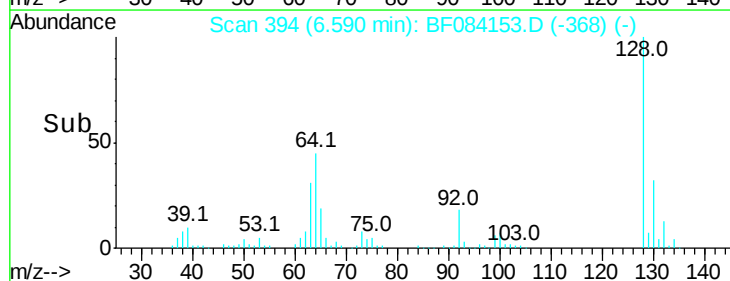
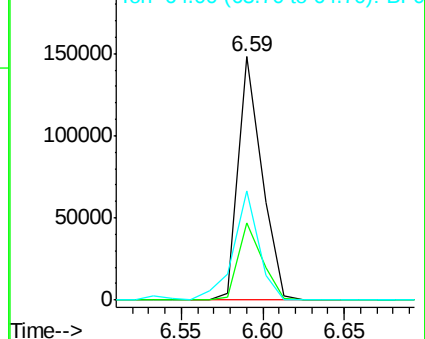
Lab File: BF084153.D

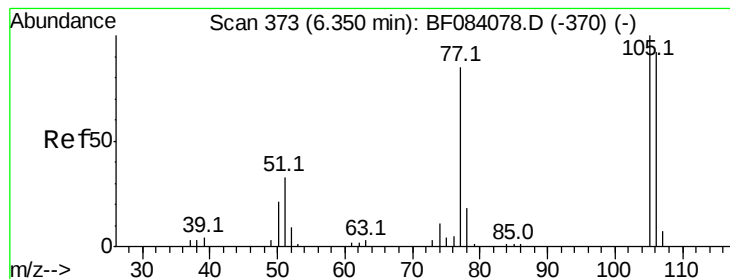
Acq: 26 Dec 2015 2:49

Tgt Ion:	128	Resp:	146868
Ion Ratio	Lower	Upper	
128	100		
130	31.8	11.6	51.6
64	44.6	23.8	63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.00 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 80881

Ion Ratio Lower Upper

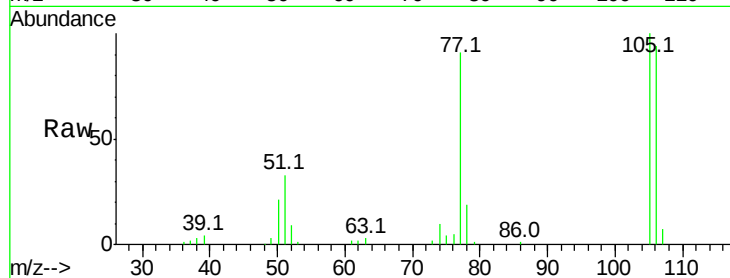
77 100

105 110.3 83.0 123.0

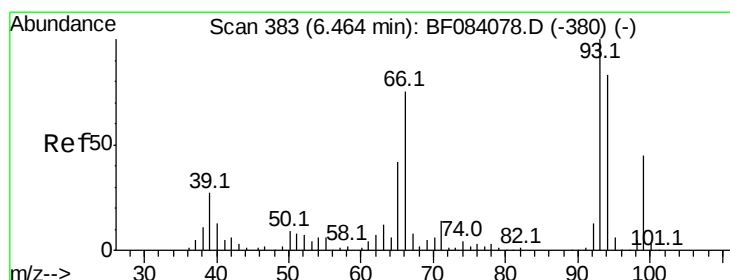
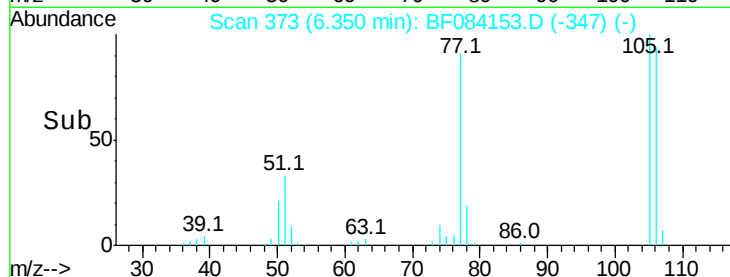
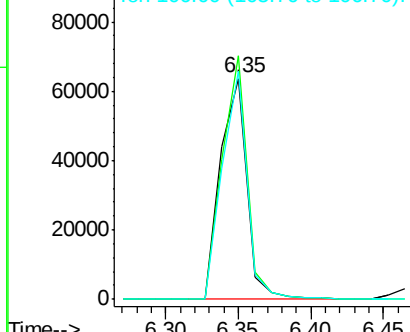
106 103.6 74.6 114.6

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.29 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

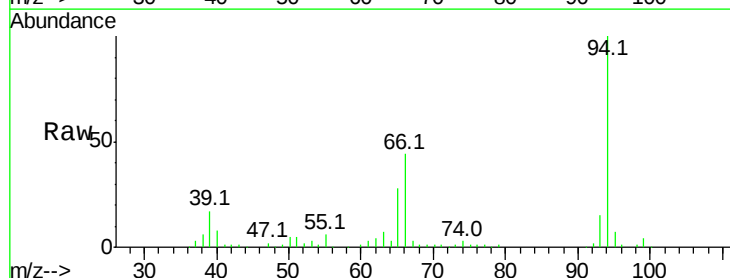
Tgt Ion: 94 Resp: 178408

Ion Ratio Lower Upper

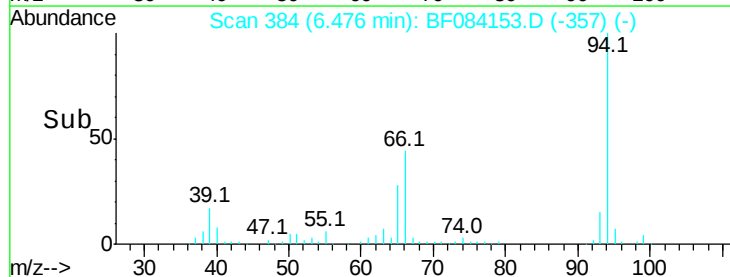
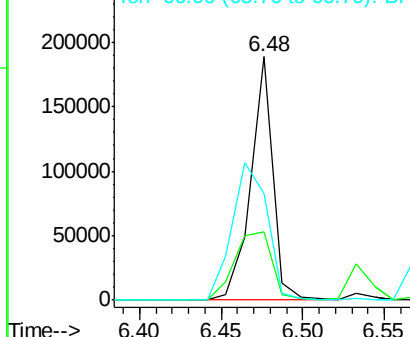
94 100

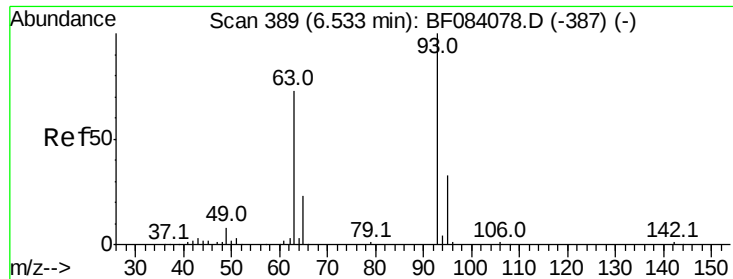
65 28.2 12.9 52.9

66 44.0 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.81 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

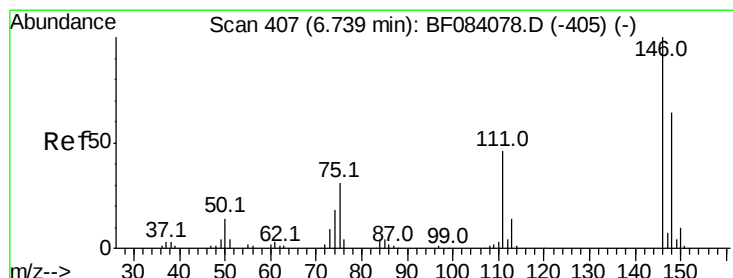
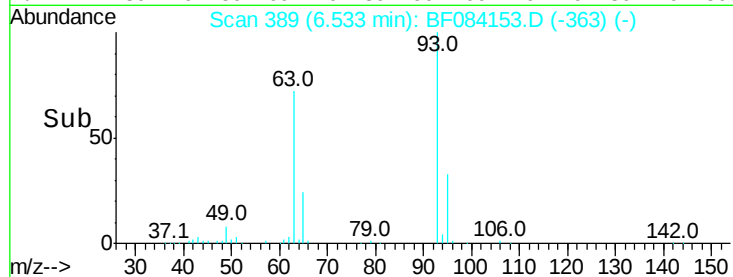
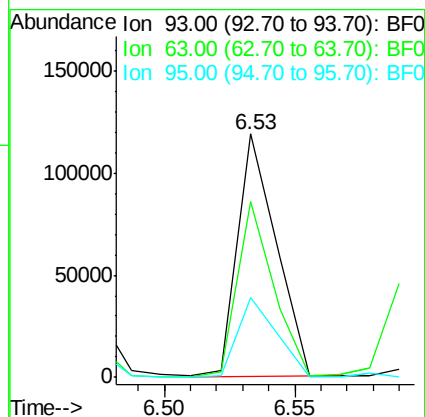
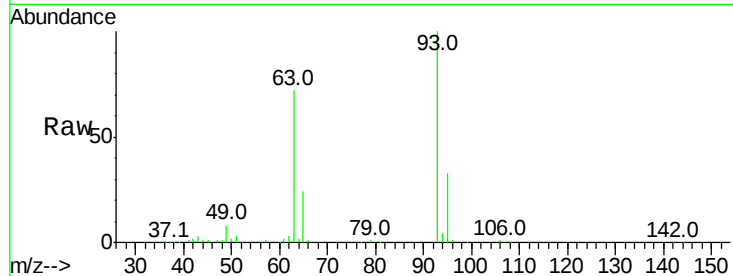
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	124147
Ion Ratio	Lower	Upper	
93	100		
63	72.3	45.9	85.9
95	32.9	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.86 ng m

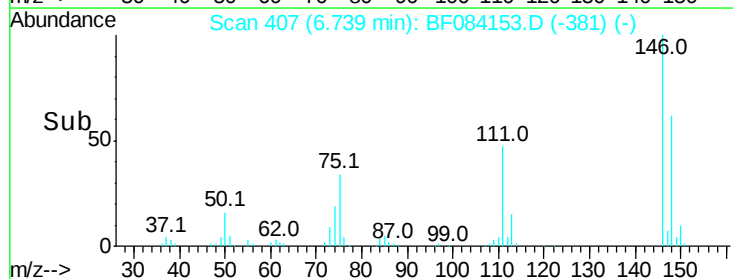
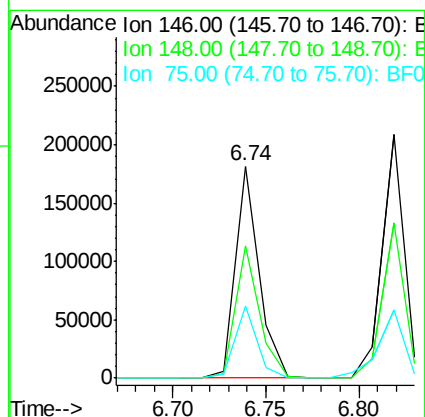
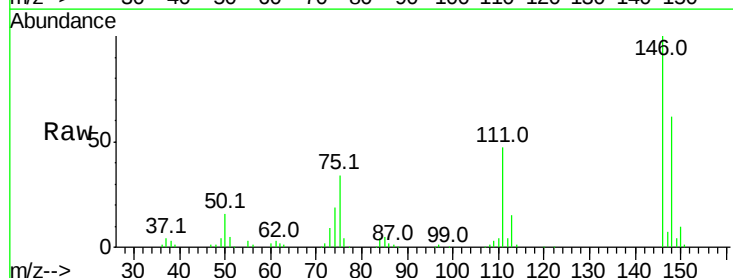
RT: 6.74 min Scan# 407

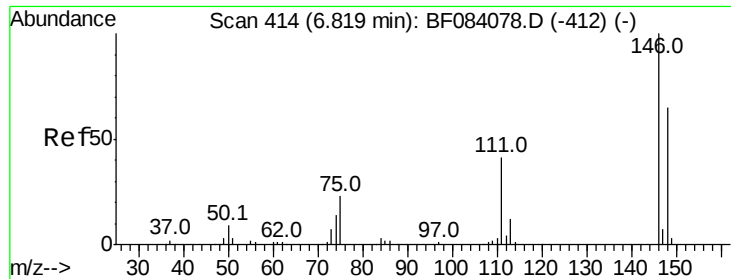
Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion:	146	Resp:	161069
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.9	77.9
75	33.8	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 42.51 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

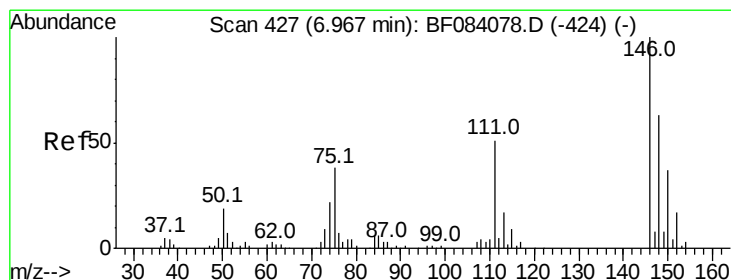
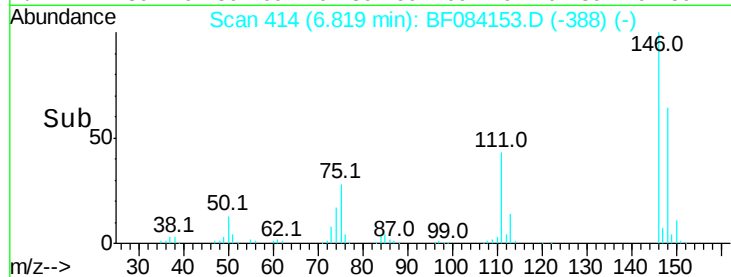
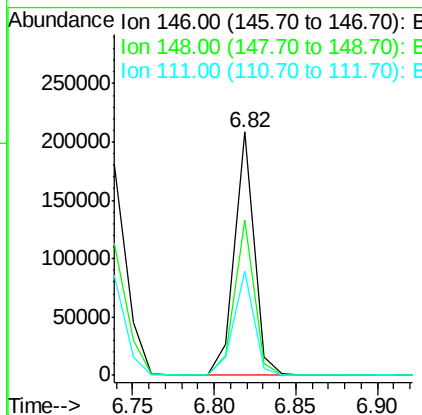
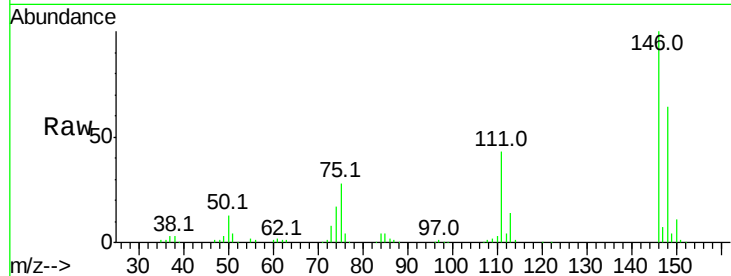
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	172886
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.9	77.9
111	42.8	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.62 ng m

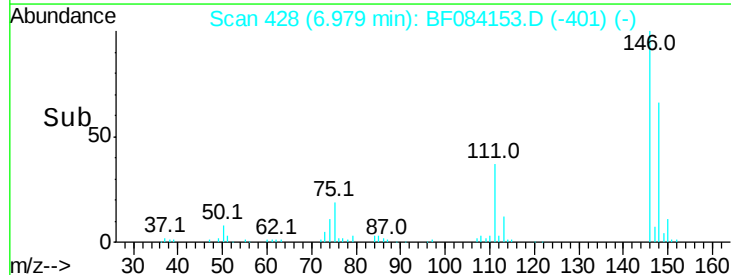
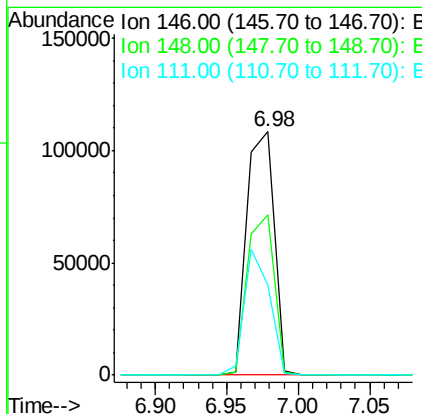
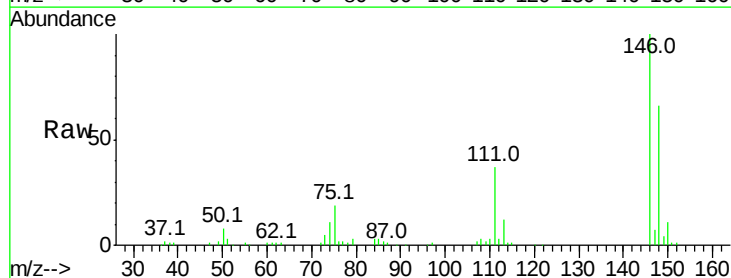
RT: 6.98 min Scan# 428

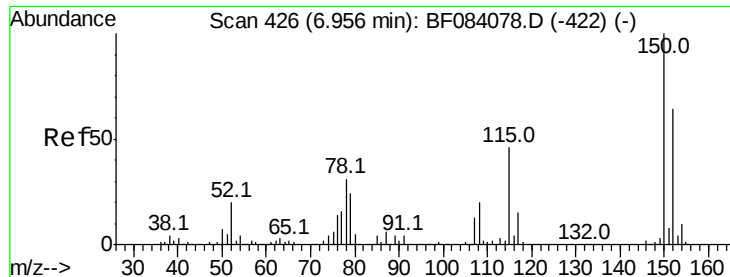
Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion:	146	Resp:	144712
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.6	77.4
111	36.8	38.0	57.0#





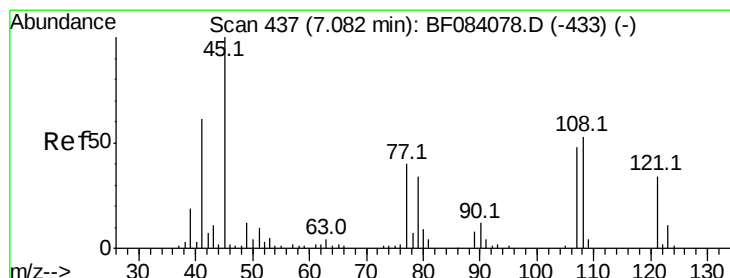
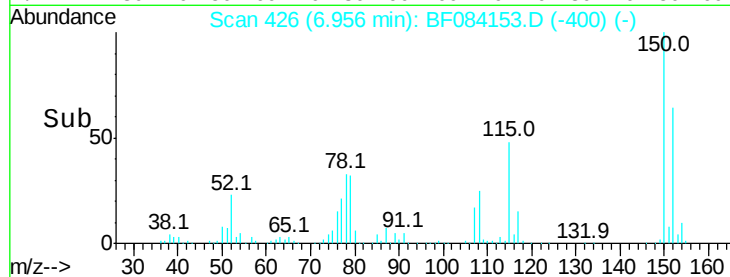
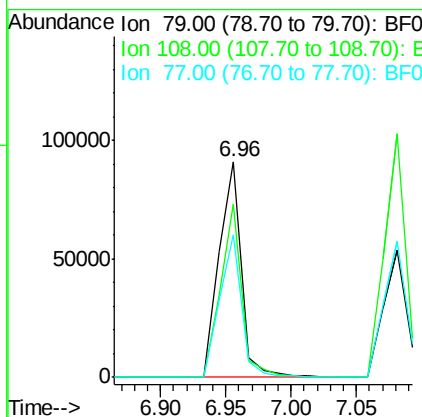
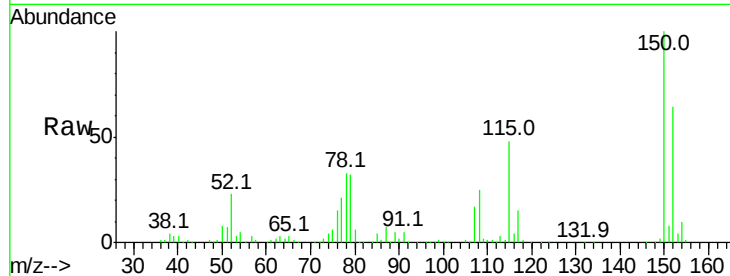
#15
Benzyl Alcohol
Concen: 39.06 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
79	100	109095		
108	80.1	69.0	103.4	
77	65.8	50.0	75.0	

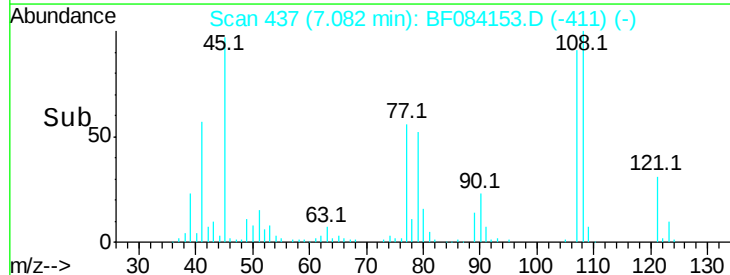
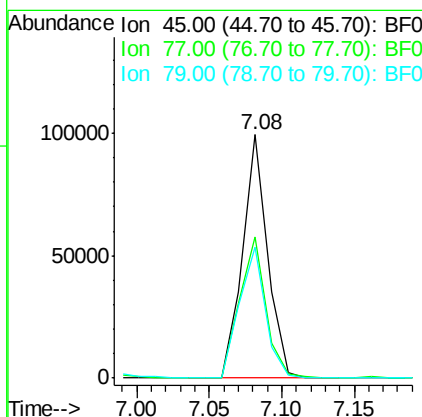
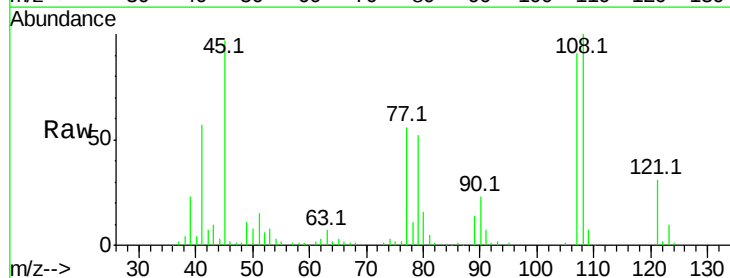
Manual Integrations
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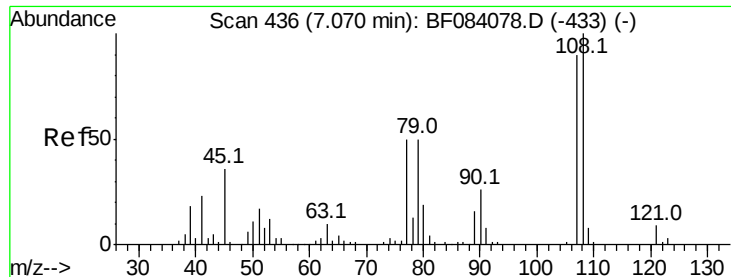
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.90 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	118567		
77	57.8	0.0	39.6#	
79	53.9	0.0	35.0#	





#17

2-Methylphenol

Concen: 37.59 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

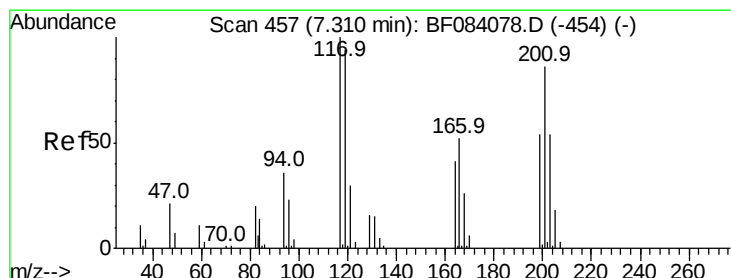
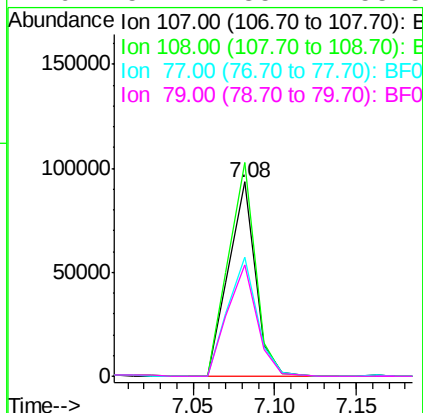
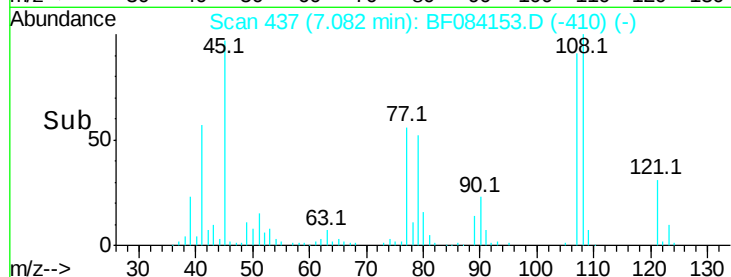
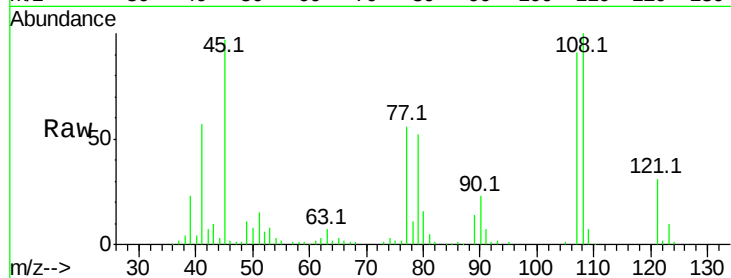
ClientSampleId :

SSTDCCC040EC

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Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	89.8	134.6	
77	61.6	35.7	53.5#	
79	57.4	35.7	53.5#	



#18

Hexachloroethane

Concen: 28.82 ng

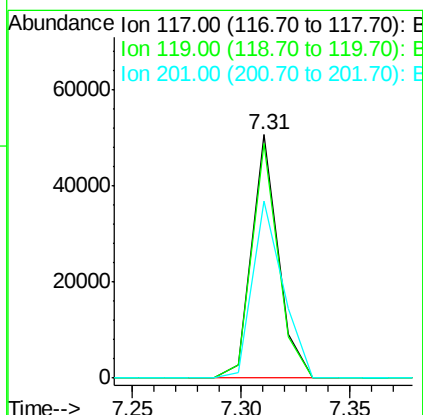
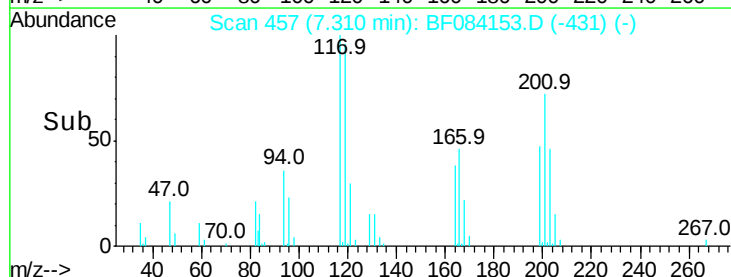
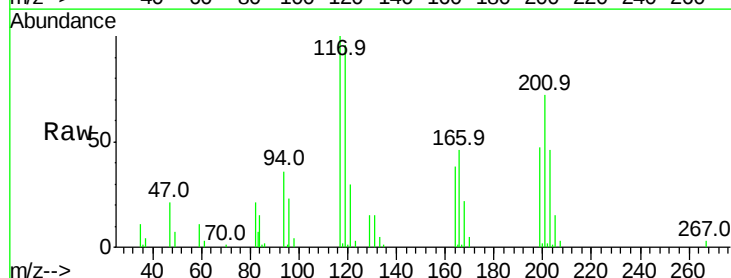
RT: 7.31 min Scan# 457

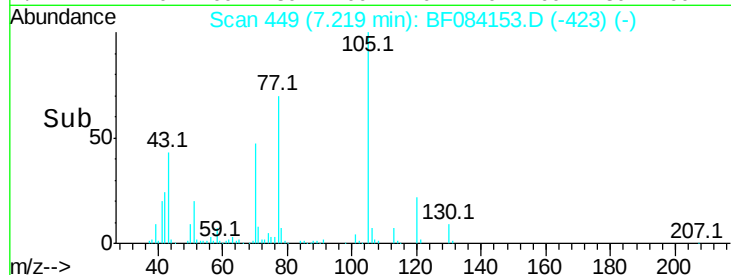
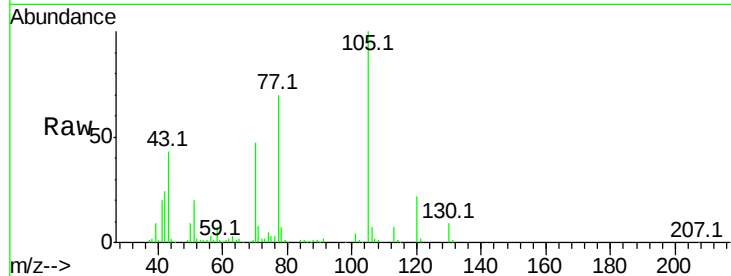
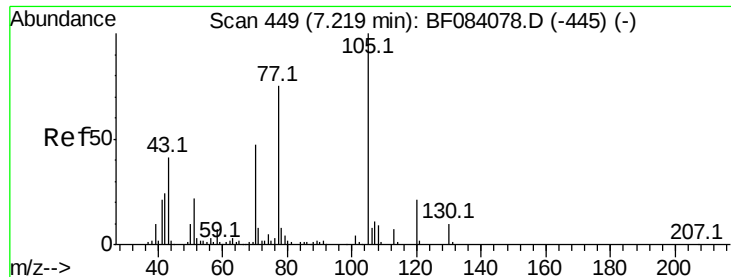
Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.4	116.0	
201	72.5	68.6	103.0	





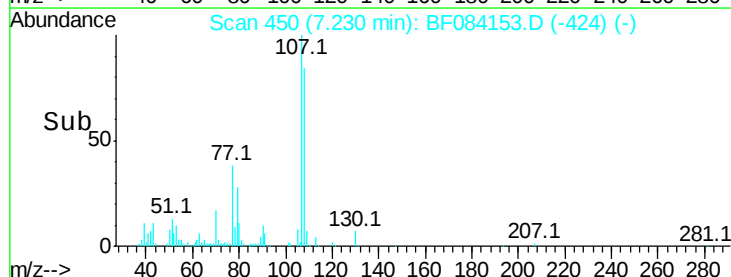
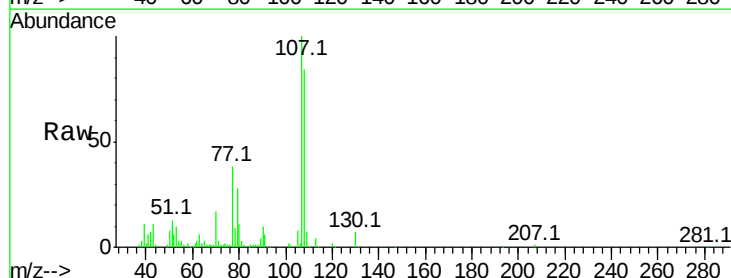
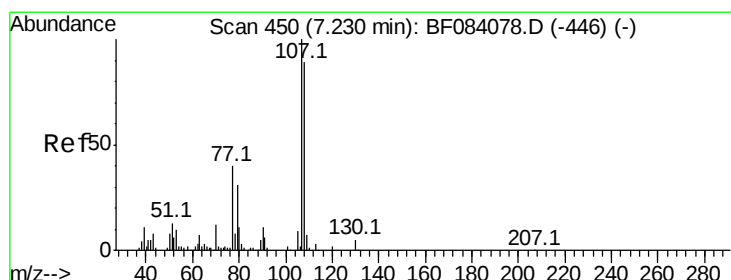
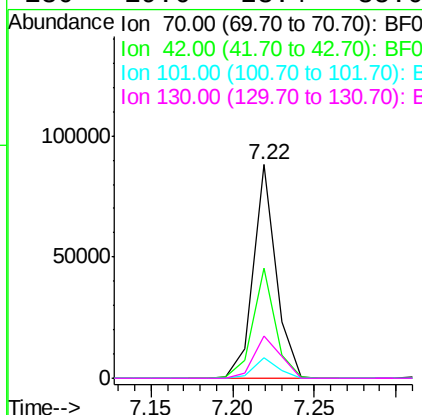
#19
n-Nitroso-di-n-propylamine
Concen: 37.46 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.8	33.3	49.9#
101	9.6	9.3	13.9
130	19.6	23.4	35.0#

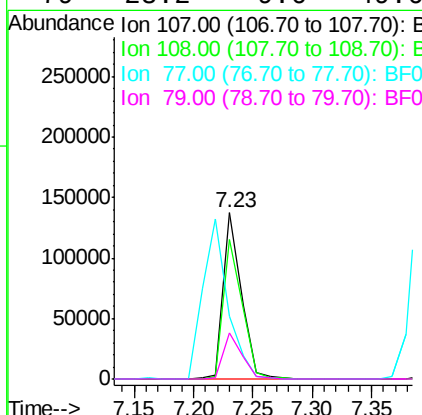
Manual Integrations
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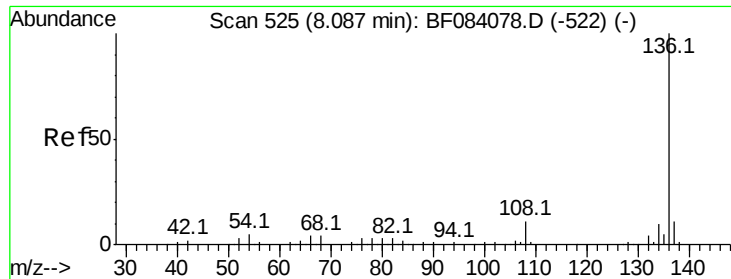
Sohil
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#20
3+4-Methylphenols
Concen: 39.76 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.1	64.1	104.1
77	38.2	128.9	168.9#
79	28.2	9.6	49.6





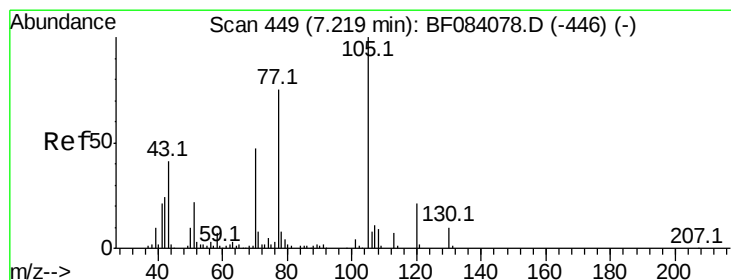
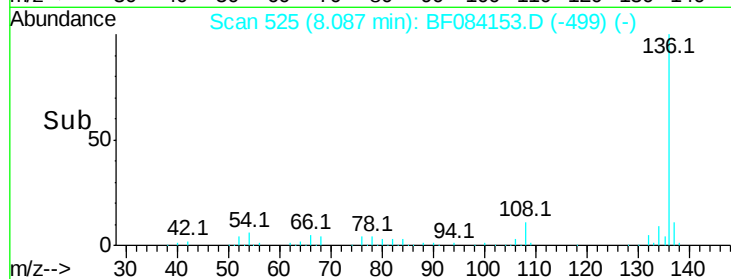
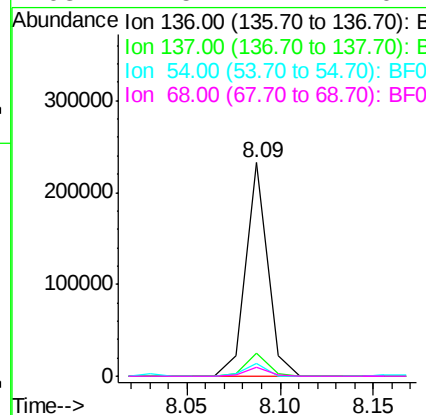
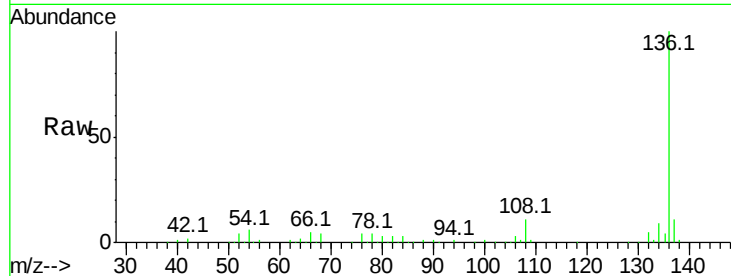
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	189967		
137	11.1	8.7	13.1	
54	5.8	5.8	8.8#	
68	4.5	4.2	6.2	

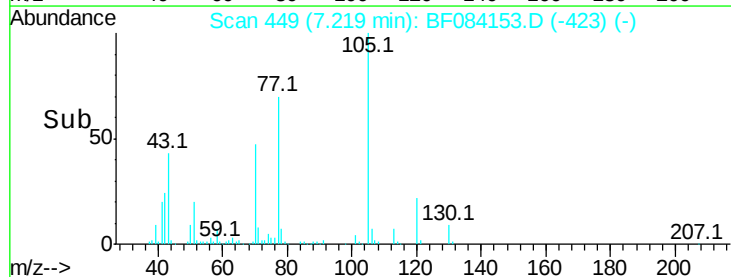
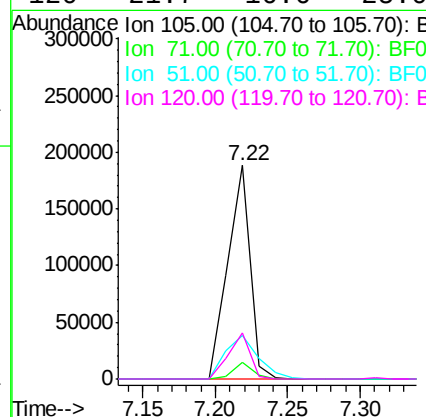
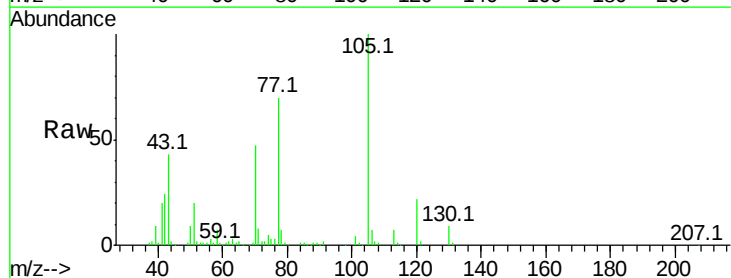
Manual Integrations
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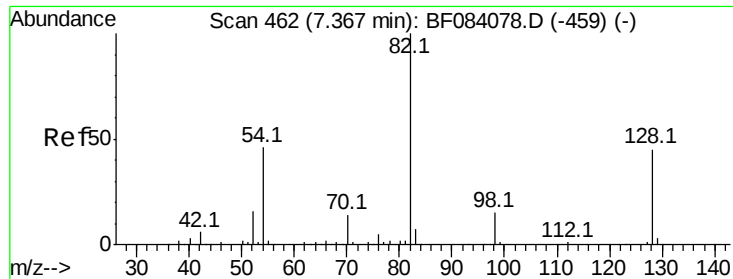
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#22
Acetophenone
Concen: 42.38 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	201179		
71	7.6	3.7	5.5#	
51	20.2	25.1	37.7#	
120	21.7	16.6	25.0	





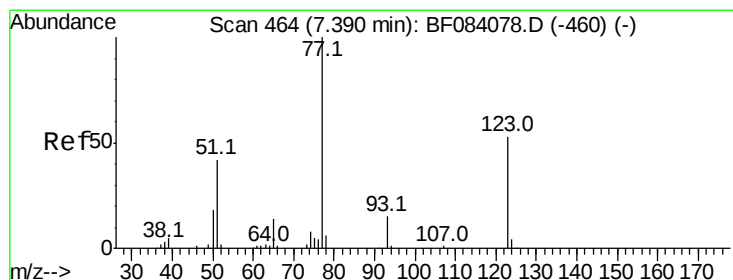
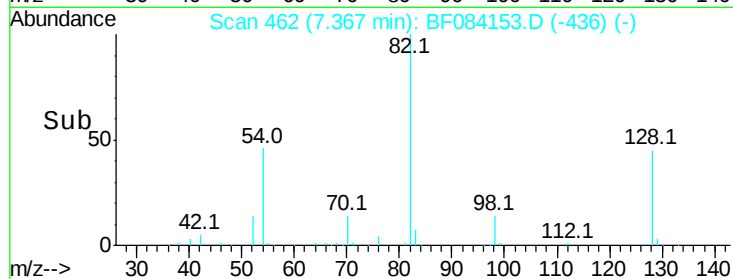
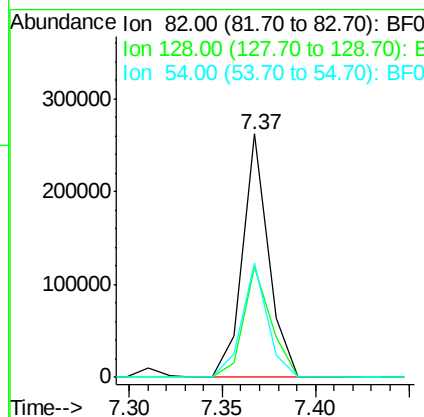
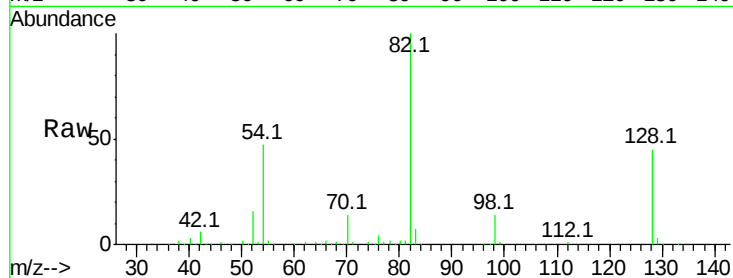
#23
Nitrobenzene-d5
Concen: 78.63 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	34.6	51.8	
54	47.0	38.4	57.6	

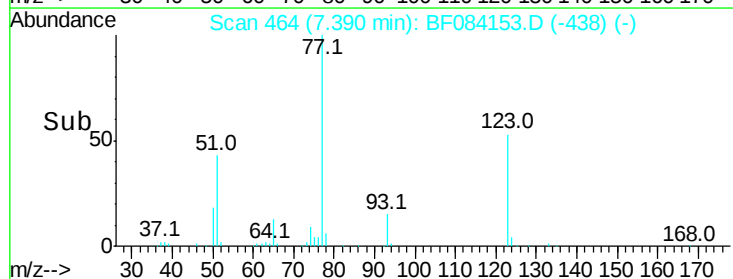
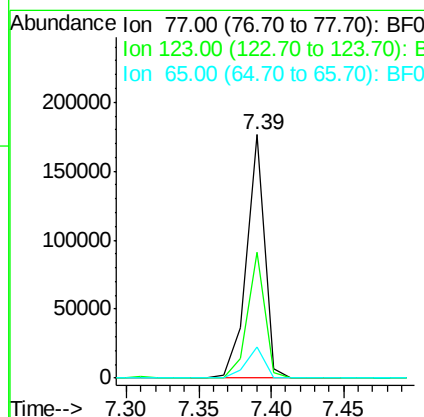
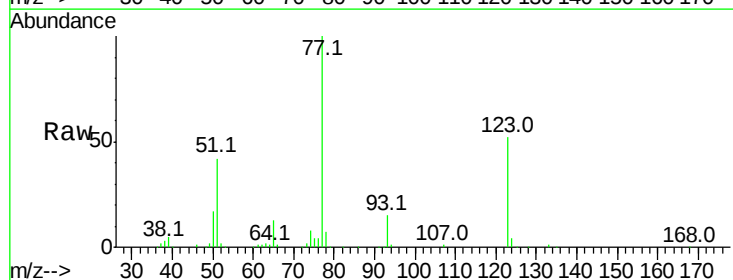
Manual Integrations
APPROVED

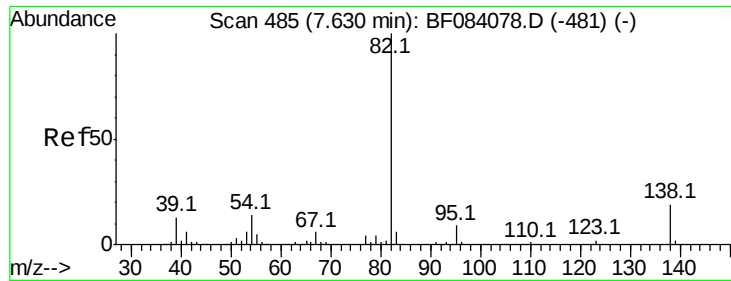
Sohil
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#24
Nitrobenzene
Concen: 44.29 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.8	37.4	56.2	
65	12.6	10.9	16.3	





#25

Isophorone

Concen: 41.54 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

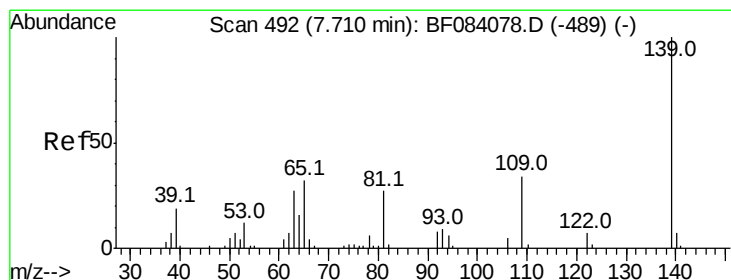
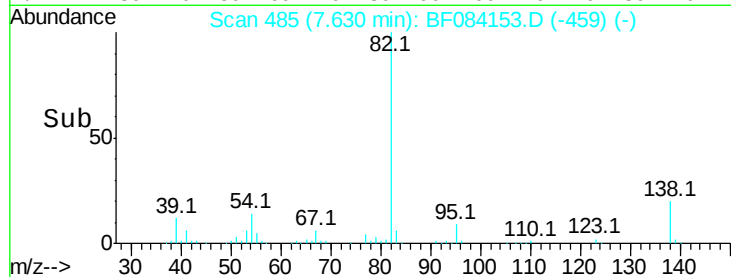
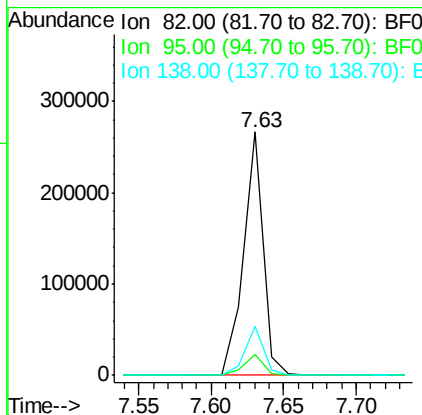
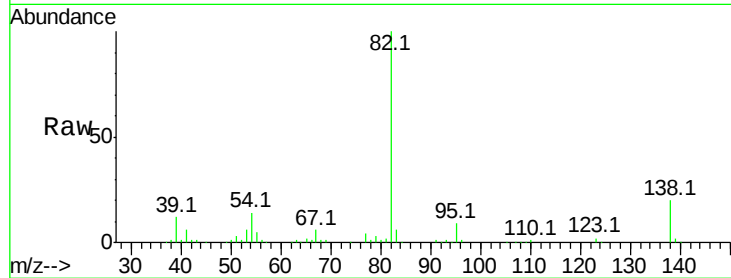
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	249397
Ion Ratio		Lower	Upper
82	100		
95	8.8	6.6	10.0
138	19.9	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 18.50 ng

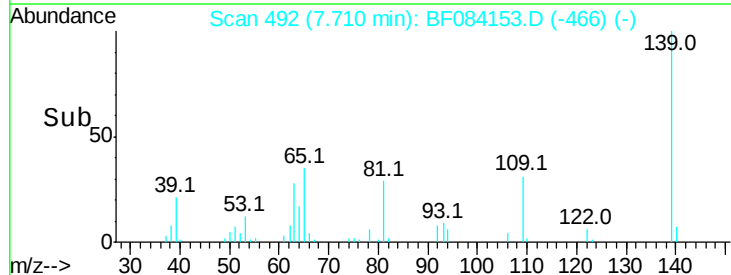
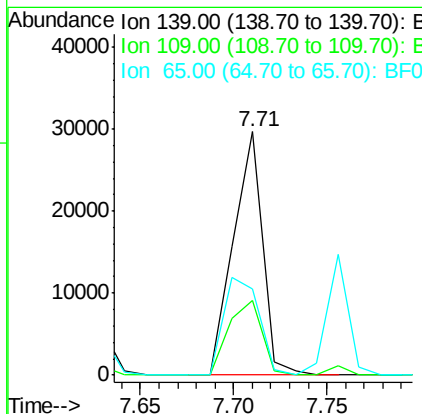
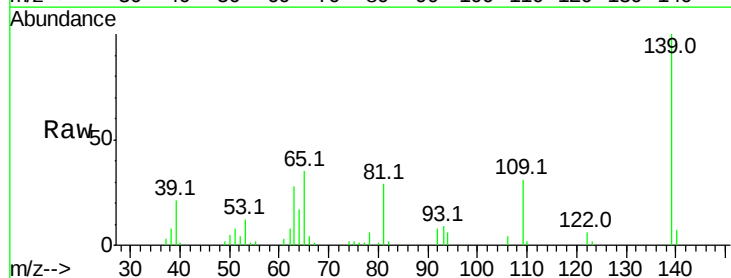
RT: 7.71 min Scan# 492

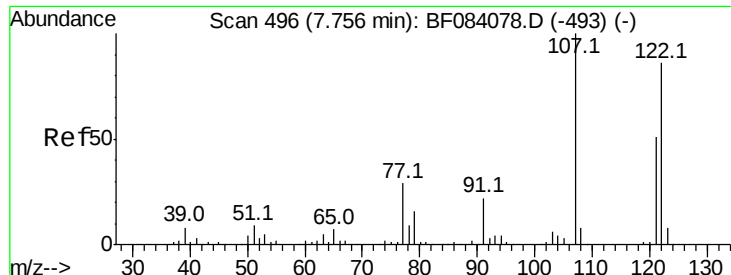
Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion:	139	Resp:	32621
Ion Ratio		Lower	Upper
139	100		
109	30.6	25.4	38.2
65	35.5	32.3	48.5





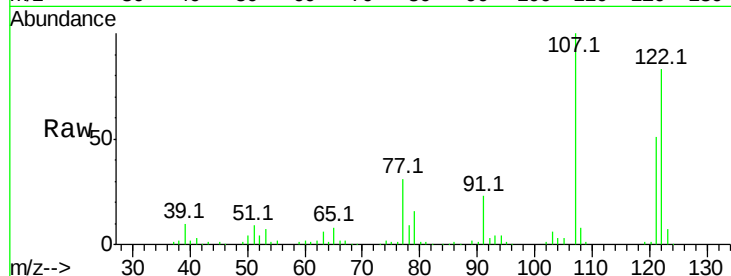
#27
 2,4-Dimethylphenol
 Concen: 41.14 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF084153.D
 Acq: 26 Dec 2015 2:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

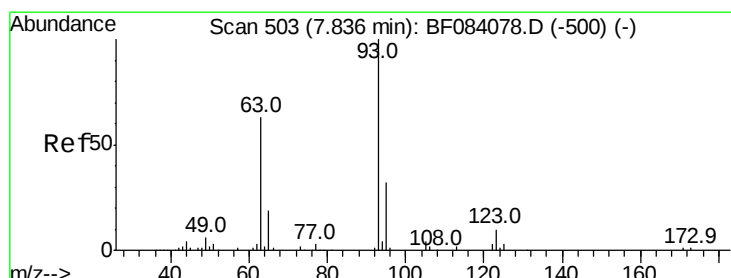
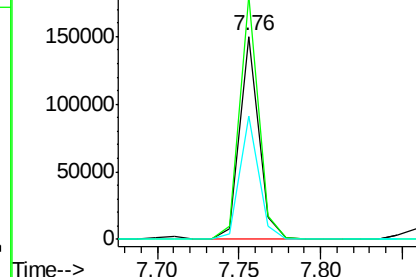
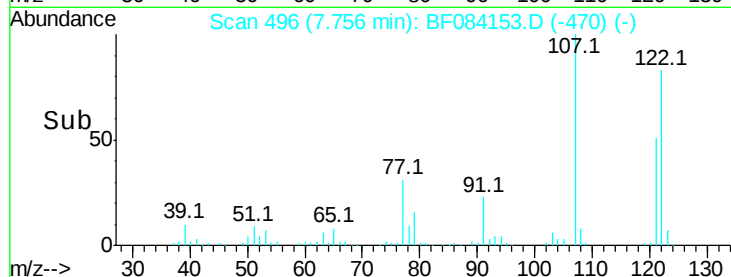
Tot Ion	Ratio	Resp	Lower	Upper
122	100	120417		
107	119.9	99.1	148.7	
121	60.6	47.9	71.9	

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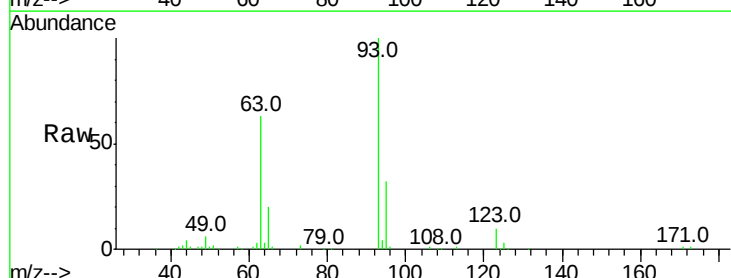


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

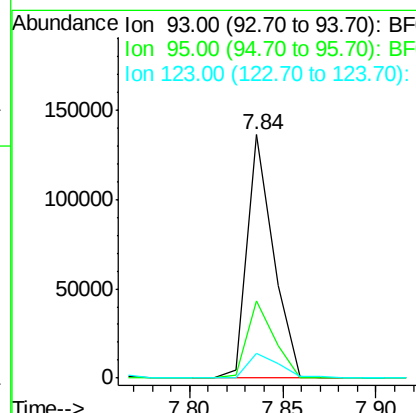
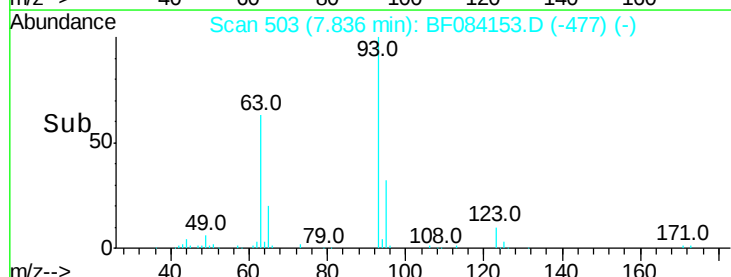


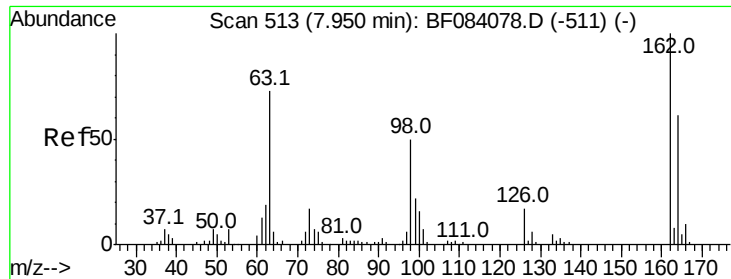
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.94 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF084153.D
 Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	132786		
95	32.0	25.8	38.6	
123	10.1	8.6	12.8	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.36 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

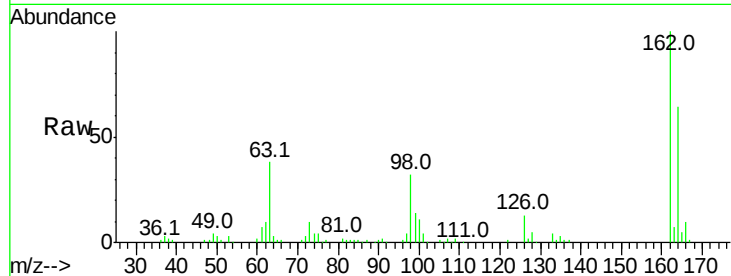
ClientSampleId :

SSTDCCC040EC

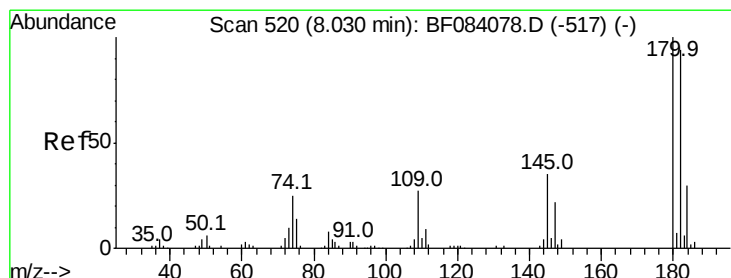
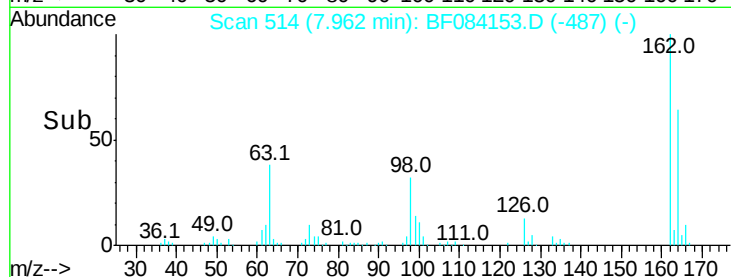
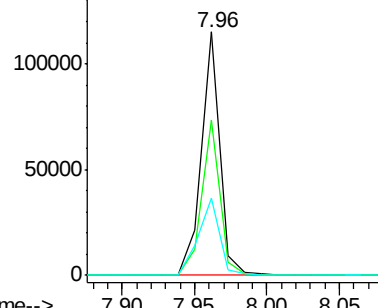
Tot Ion	Ratio	Resp	Lower	Upper
162	100	101577		
164	63.7	44.1	84.1	
98	31.6	20.2	60.2	

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



#30

1,2,4-Trichlorobenzene

Concen: 38.84 ng

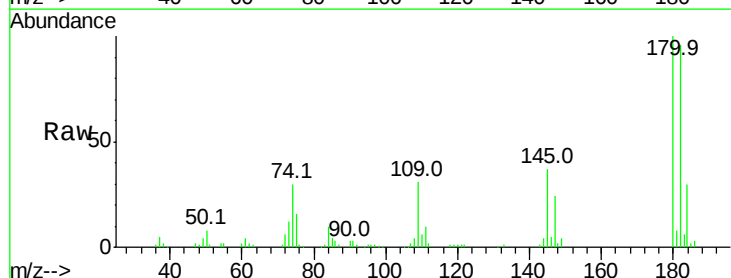
RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

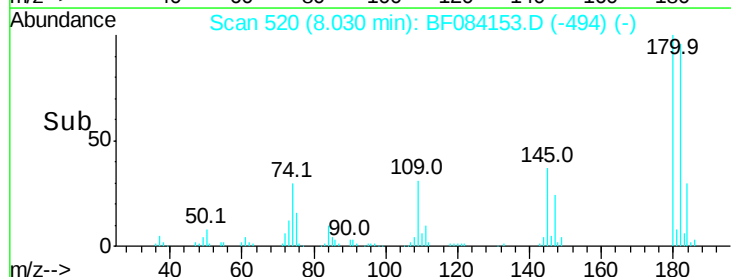
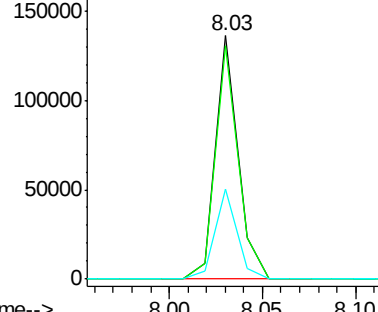
Lab File: BF084153.D

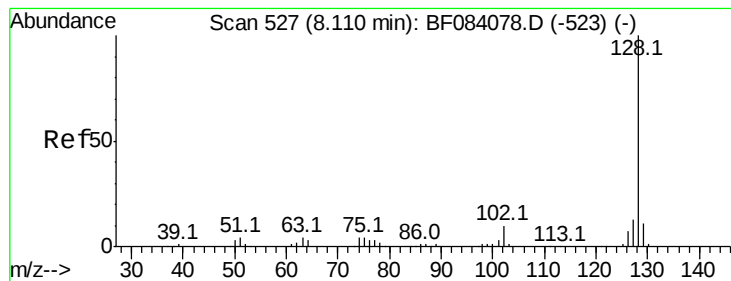
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115708		
182	95.8	76.4	114.6	
145	37.0	31.6	47.4	



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





#31

Naphthalene

Concen: 40.77 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

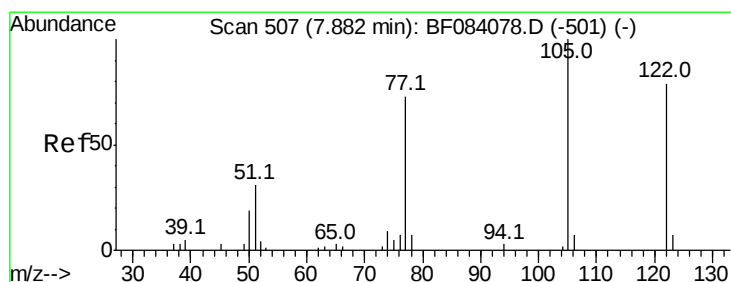
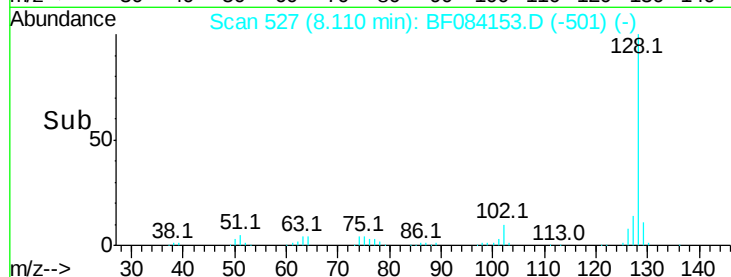
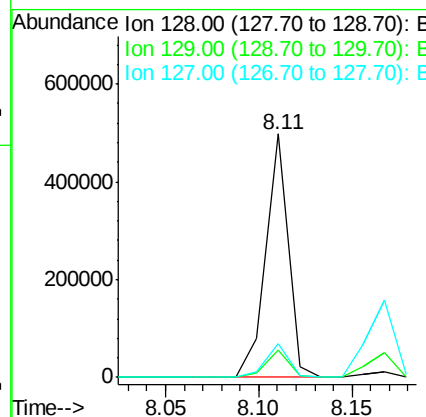
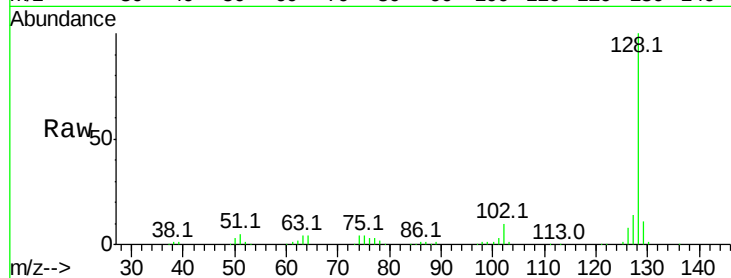
ClientSampleId :

SSTDCCC040EC

Tot Ion:	128	Resp:	412063
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.1	13.7
127	13.8	11.1	16.7

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#32

Benzoic acid

Concen: 19.53 ng m

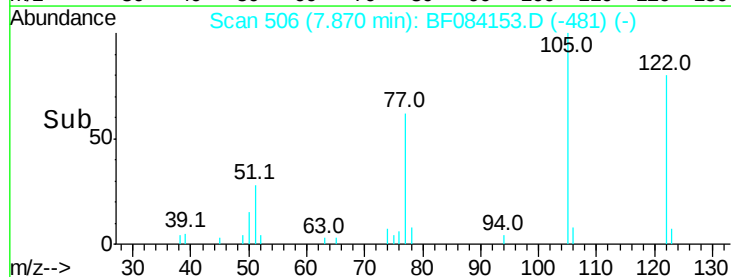
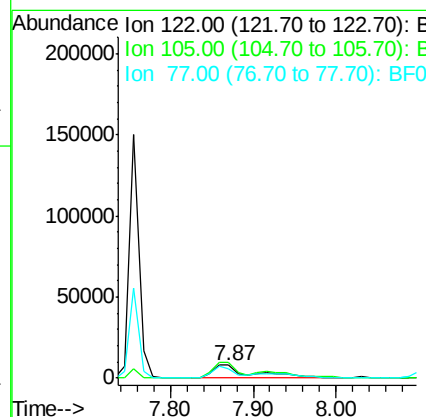
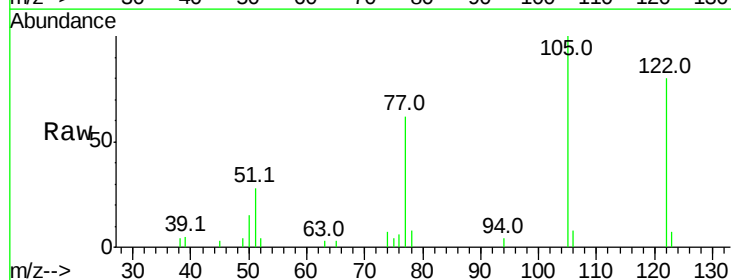
RT: 7.87 min Scan# 506

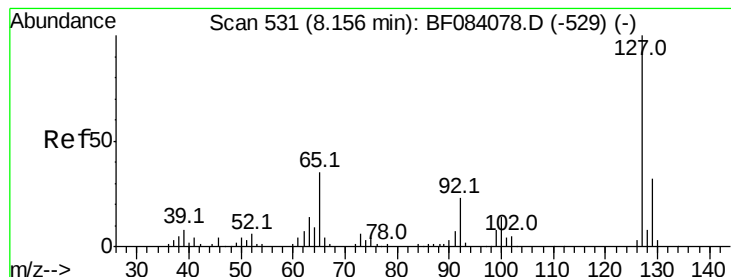
Delta R.T. -0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion:	122	Resp:	27404
Ion Ratio	Lower	Upper	
122	100		
105	124.3	100.3	140.3
77	77.5	63.5	103.5





#33

4-Chloroaniline

Concen: 39.39 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 158428

Ion Ratio Lower Upper

127 100

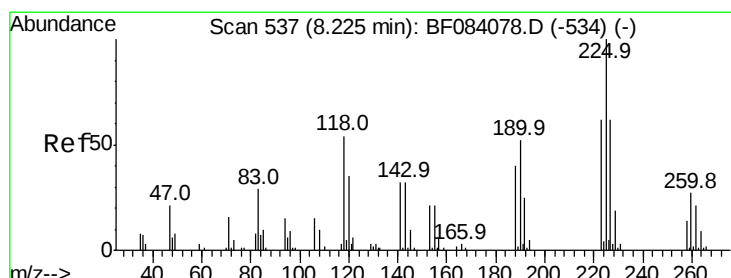
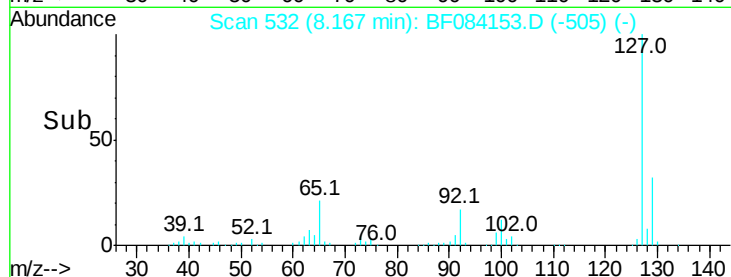
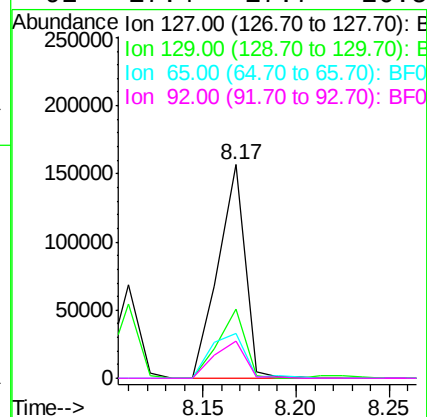
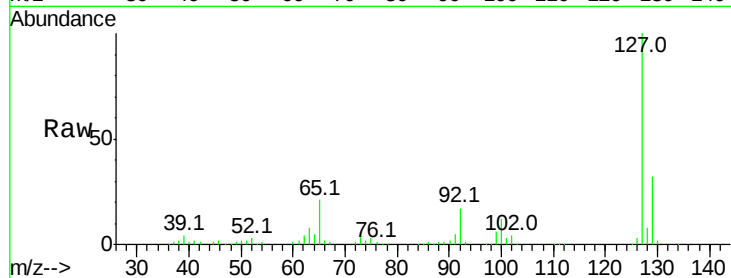
129 32.4 26.5 39.7

65 21.0 27.2 40.8#

92 17.4 17.7 26.5#

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#34

Hexachlorobutadiene

Concen: 40.09 ng

RT: 8.24 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

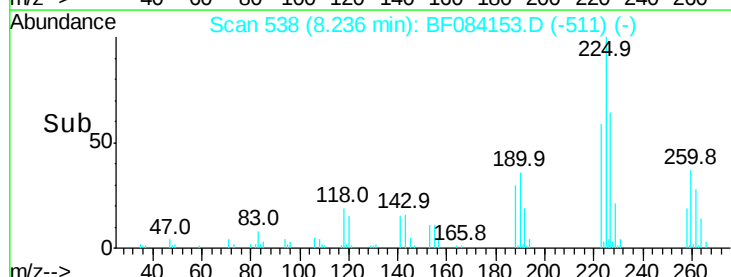
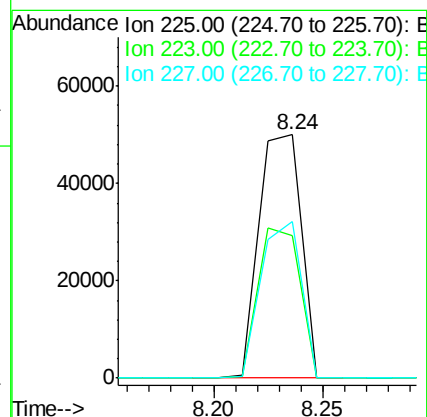
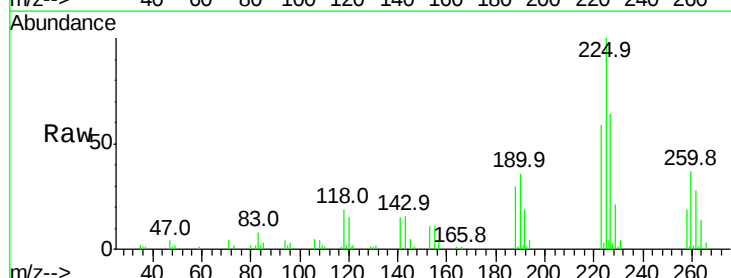
Tgt Ion:225 Resp: 68122

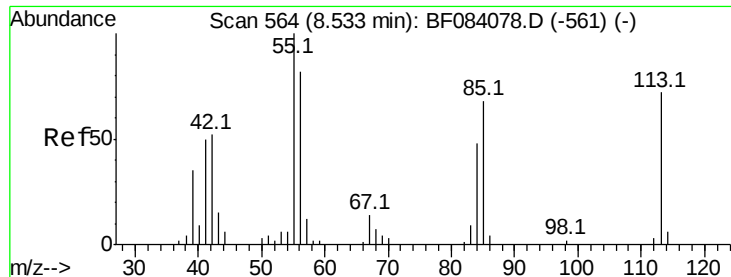
Ion Ratio Lower Upper

225 100

223 58.6 49.4 74.0

227 64.1 50.8 76.2





#35

Caprolactam

Concen: 36.79 ng

RT: 8.53 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

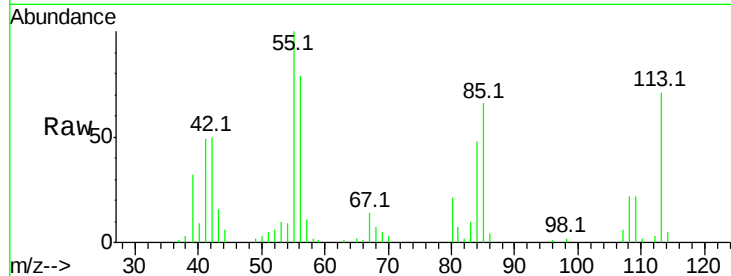
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	27738
Ion Ratio	Lower	Upper	
113	100		
55	140.9	116.9	156.9
56	111.4	93.8	133.8

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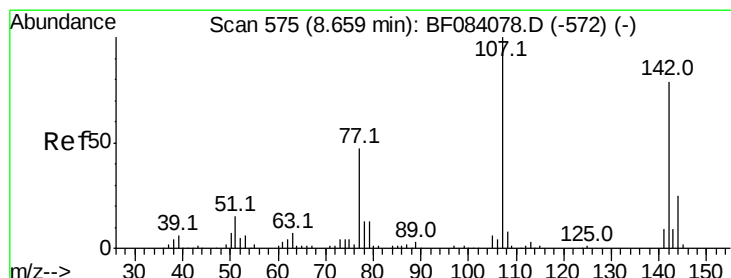
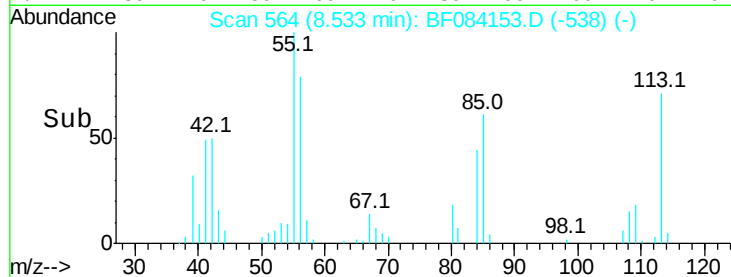
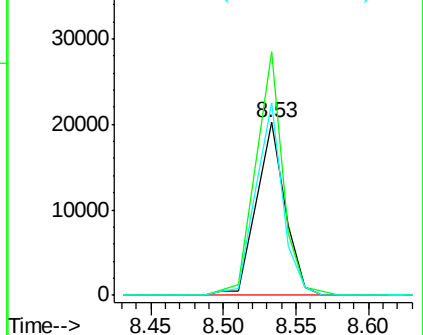
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.79 ng

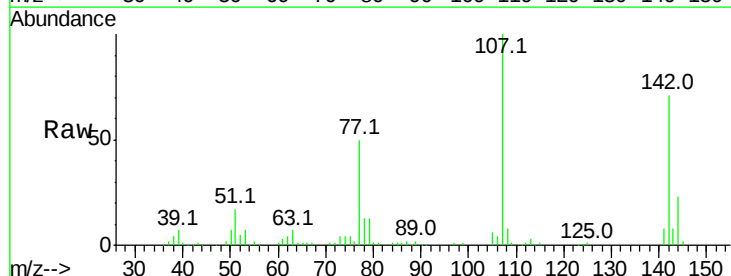
RT: 8.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

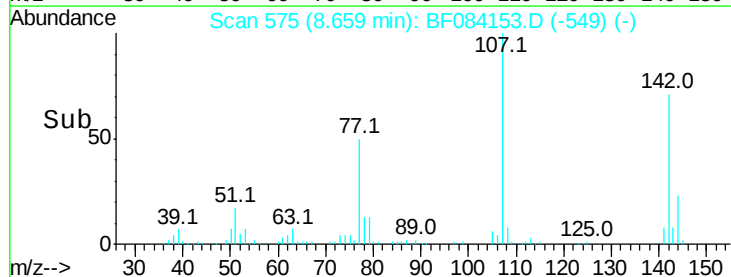
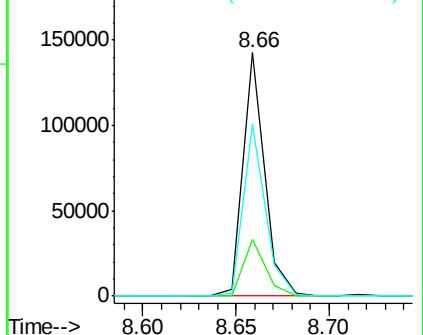
Tgt Ion:	107	Resp:	115526
Ion Ratio	Lower	Upper	
107	100		
144	23.5	19.7	29.5
142	70.7	61.8	92.6

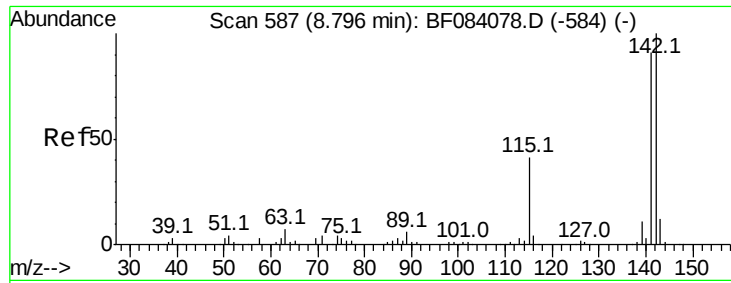


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





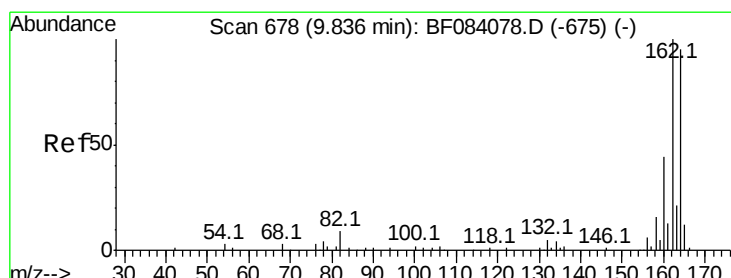
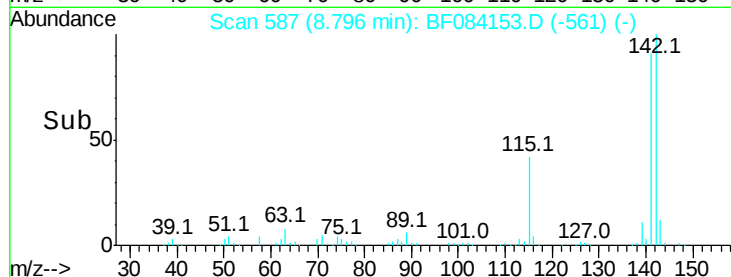
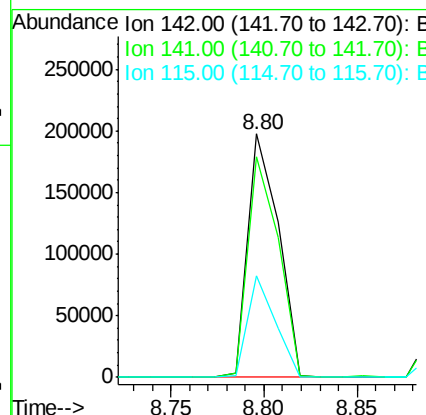
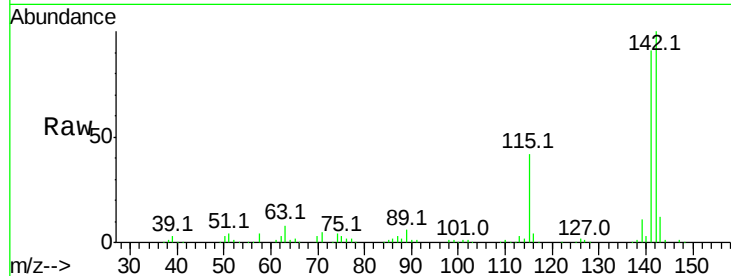
#37
2-Methylnaphthalene
Concen: 35.55 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.4	108.6
115	41.5	27.9	41.9

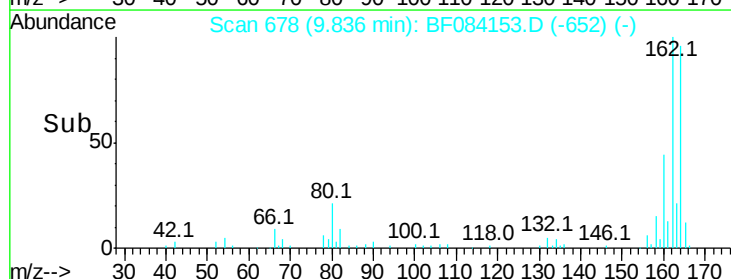
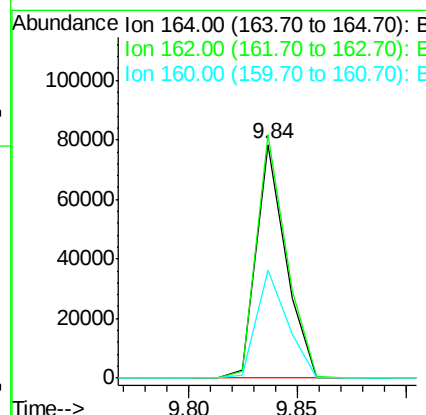
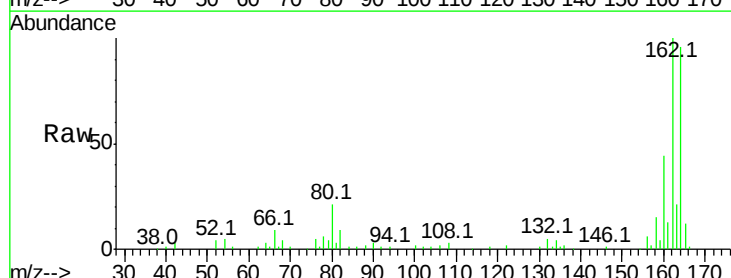
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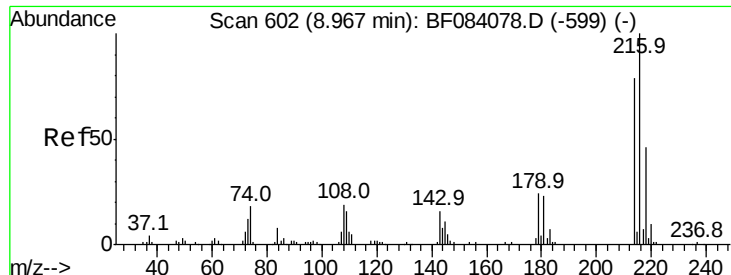
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.1	127.7
160	46.3	37.5	56.3





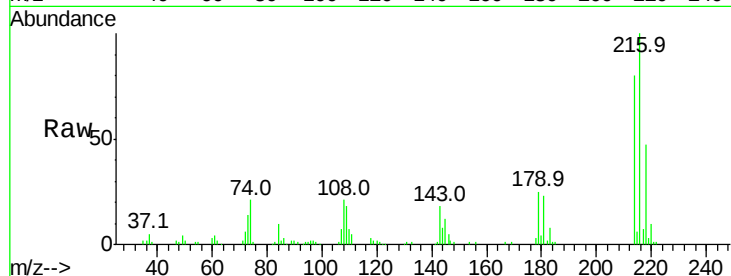
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.15 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF084153.D
 Acq: 26 Dec 2015 2:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

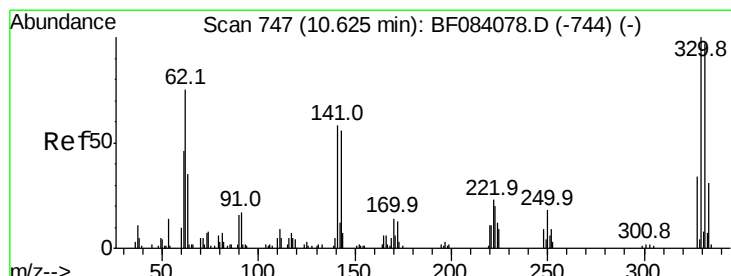
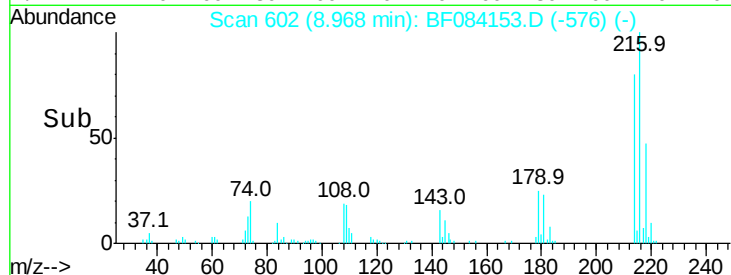
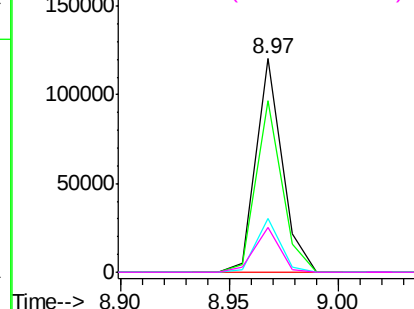
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	64.2	96.2	
179	23.7	18.7	28.1	
108	19.8	16.8	25.2	

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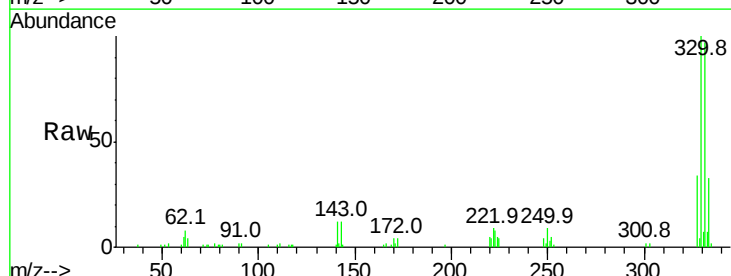


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

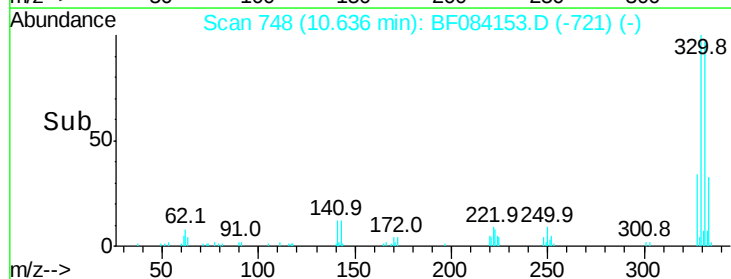
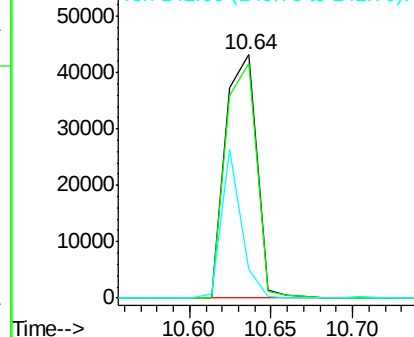


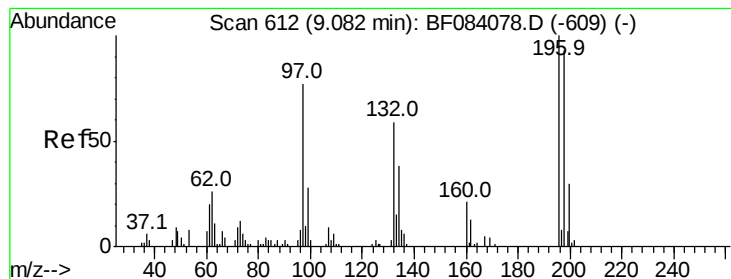
#41
 2,4,6-Tribromophenol
 Concen: 71.70 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084153.D
 Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.6	114.8	
141	39.3	27.8	41.6	



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





#42

2,4,6-Trichlorophenol

Concen: 38.10 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

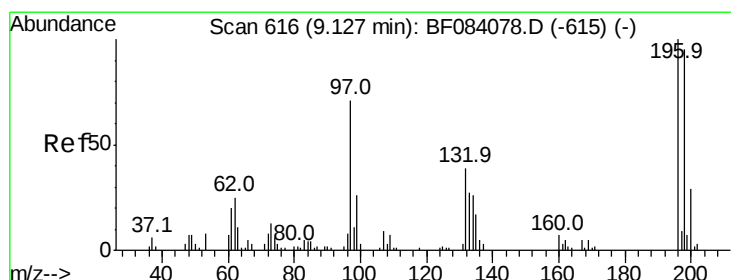
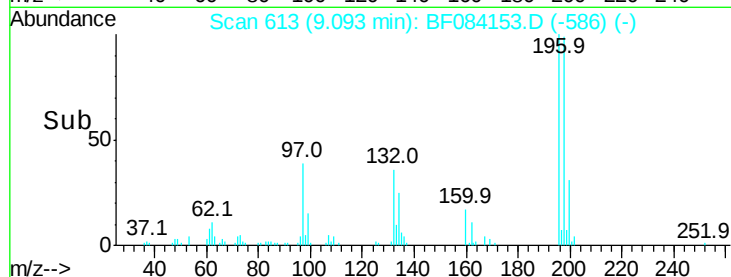
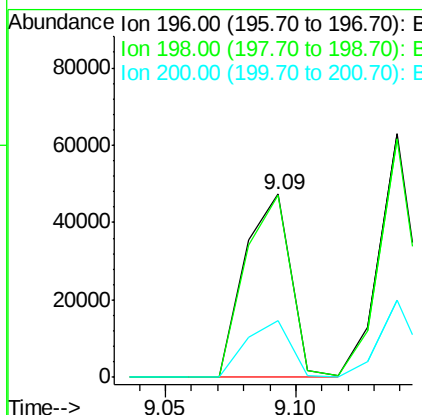
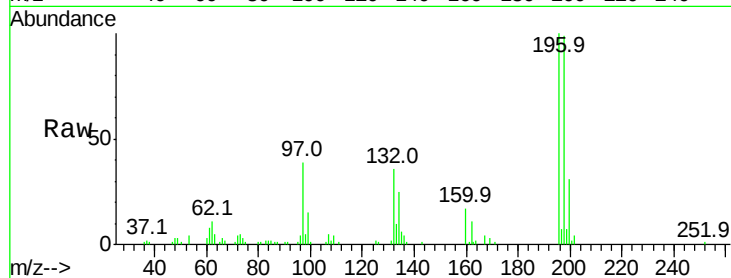
ClientSampleId :

SSTDCCC040EC

Tot Ion:	196	Resp:	58116
Ion Ratio	Lower	Upper	
196	100		
198	99.4	77.7	116.5
200	31.0	24.6	37.0

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#43

2,4,5-Trichlorophenol

Concen: 38.25 ng

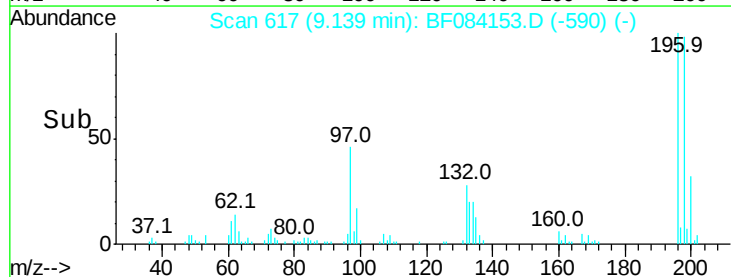
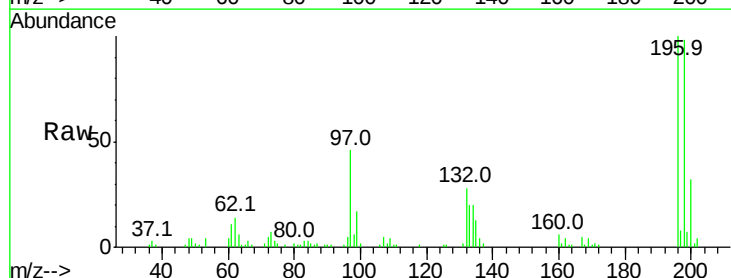
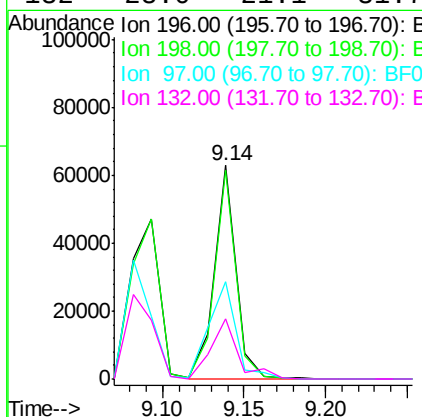
RT: 9.14 min Scan# 617

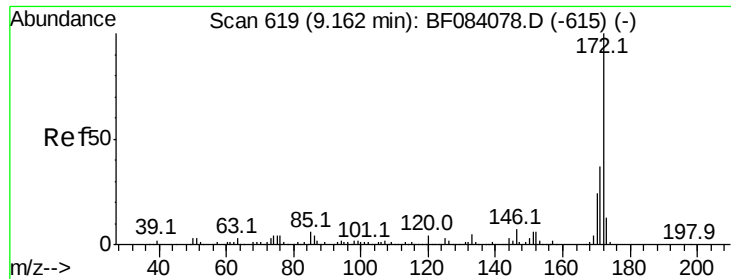
Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion:	196	Resp:	58398
Ion Ratio	Lower	Upper	
196	100		
198	97.9	79.0	118.6
97	45.9	33.0	49.6
132	28.0	21.1	31.7





#44

2-Fluorobiphenyl

Concen: 83.43 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

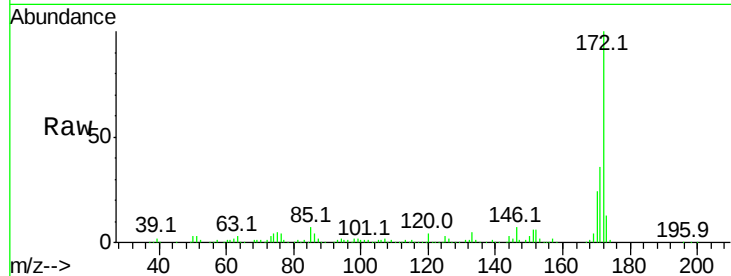
ClientSampleId :

SSTDCCC040EC

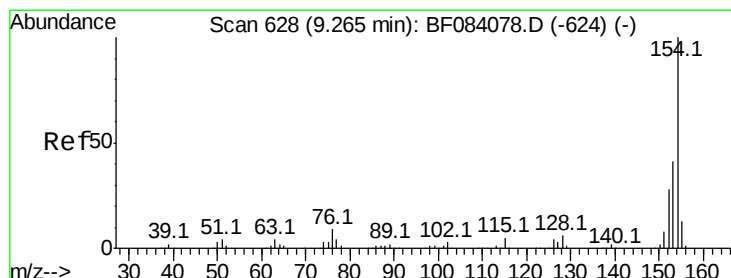
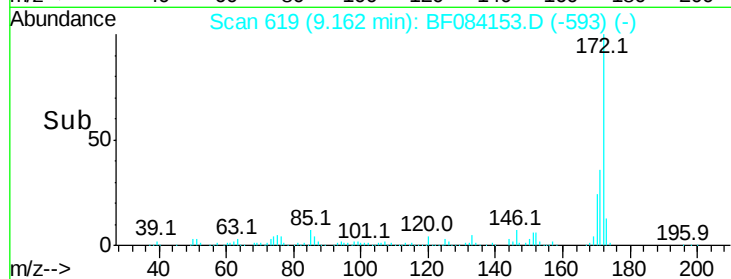
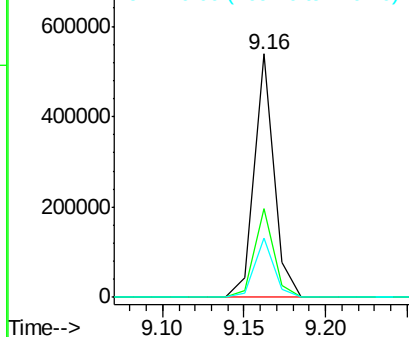
Tot Ion:	172	Resp:	452439
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.9	43.3
170	24.2	18.6	27.8

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 46.03 ng

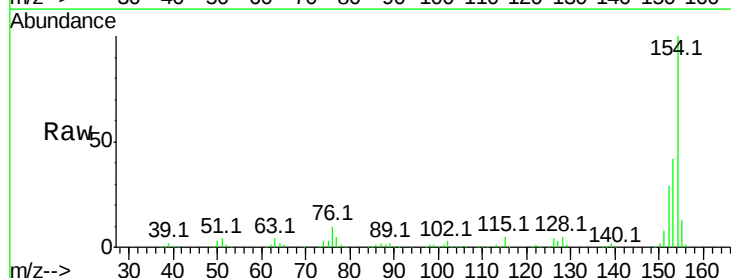
RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

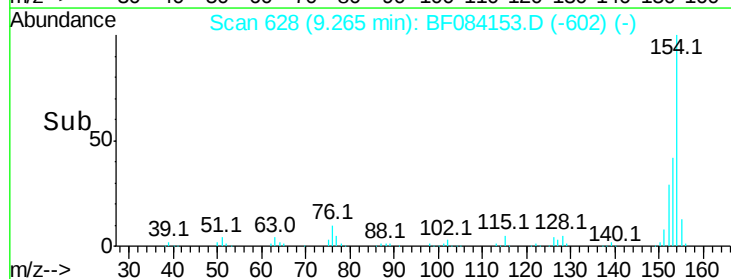
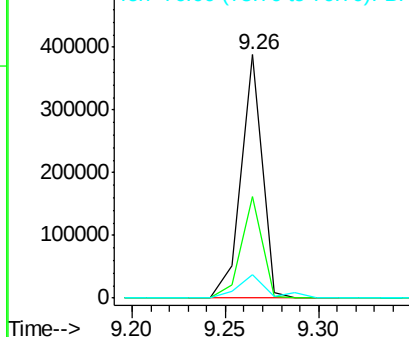
Lab File: BF084153.D

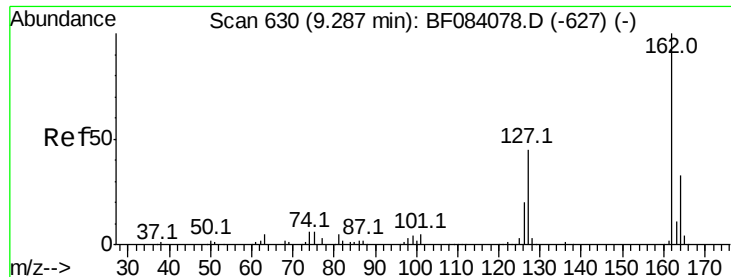
Acq: 26 Dec 2015 2:49

Tgt Ion:	154	Resp:	308571
Ion Ratio	Lower	Upper	
154	100		
153	41.7	21.6	61.6
76	9.5	0.0	32.7



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





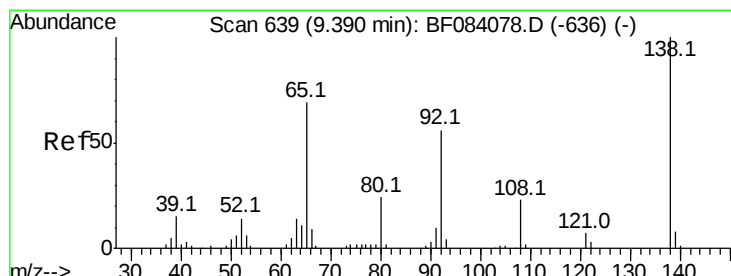
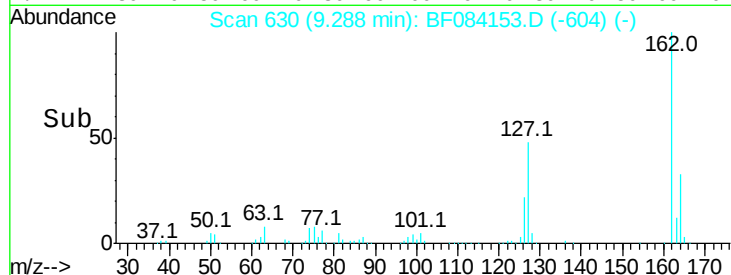
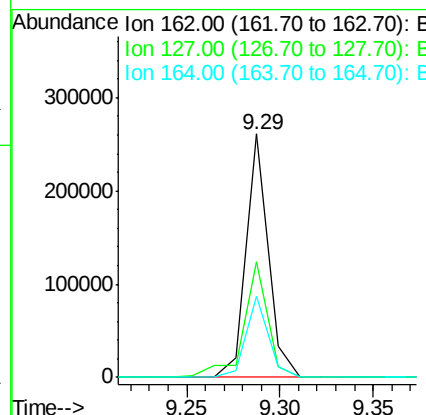
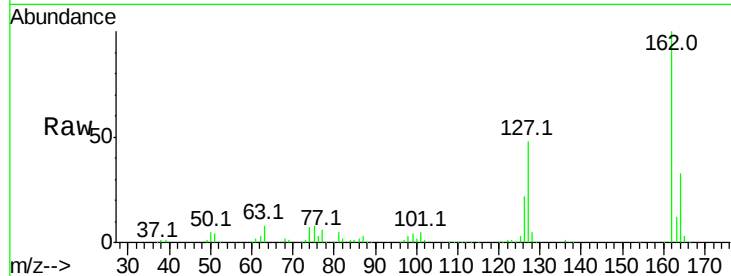
#46
2-Chloronaphthalene
Concen: 42.48 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	47.7	40.2	60.4
164	33.0	25.7	38.5

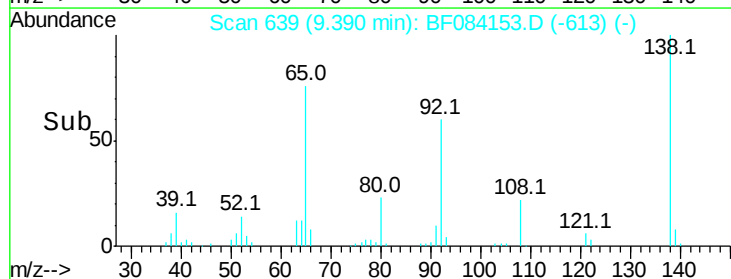
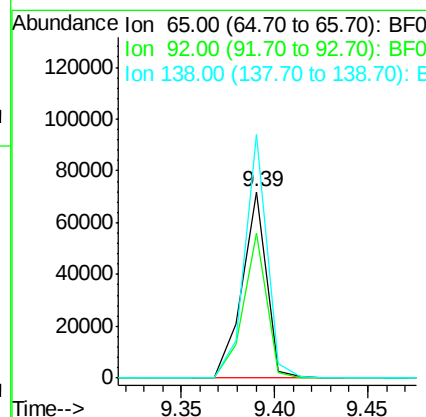
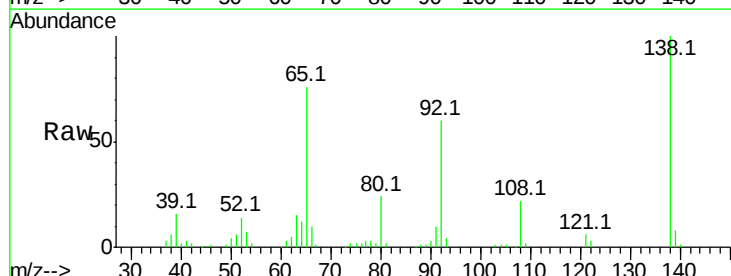
Manual Integrations
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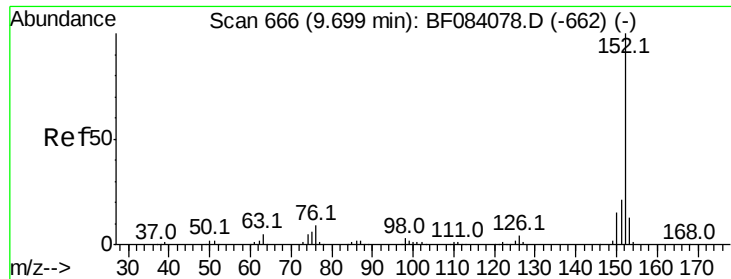
Sohil
12/28/2015 5:58:45 PM



#47
2-Nitroaniline
Concen: 48.74 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	78.0	53.4	80.2
138	130.9	71.1	106.7#





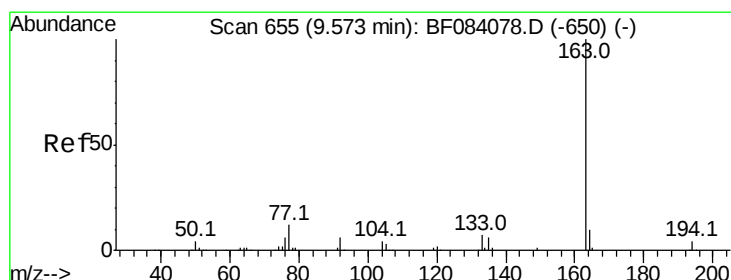
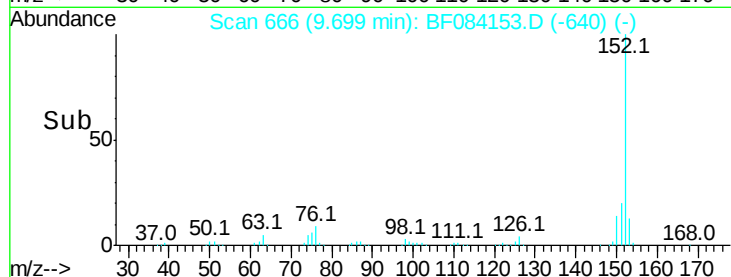
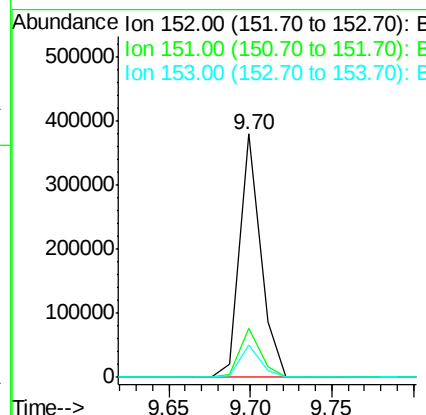
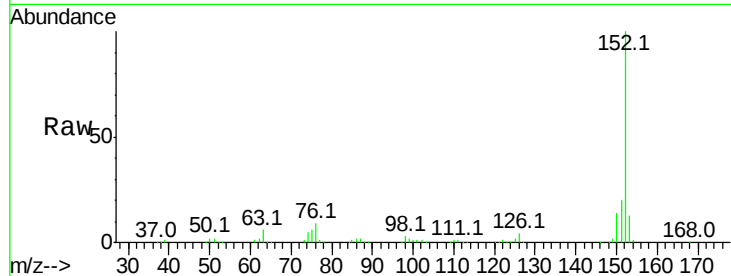
#48
Acenaphthylene
Concen: 40.04 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
152	100	335128		
151	20.3		16.3	24.5
153	13.3		10.4	15.6

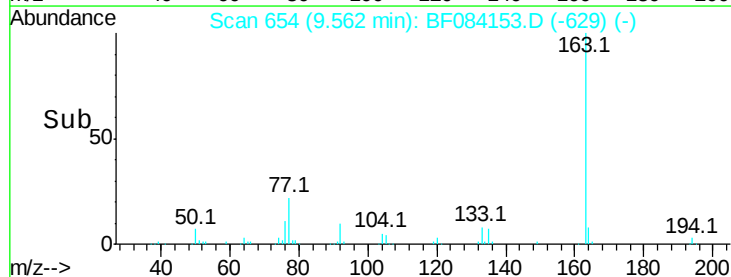
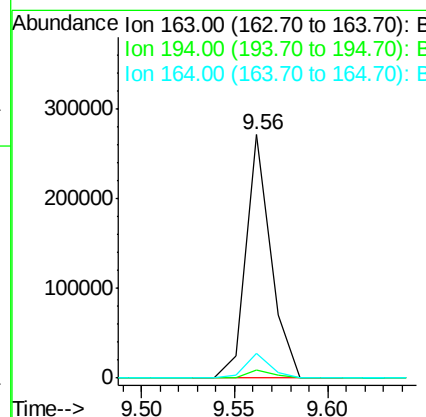
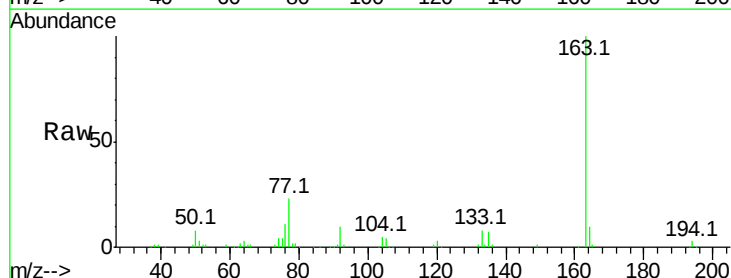
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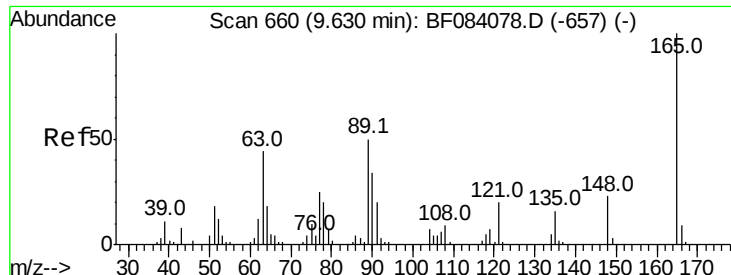
Sohil
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#49
Dimethylphthalate
Concen: 40.93 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	251557		
194	3.3		8.0	12.0#
164	10.1		8.0	12.0





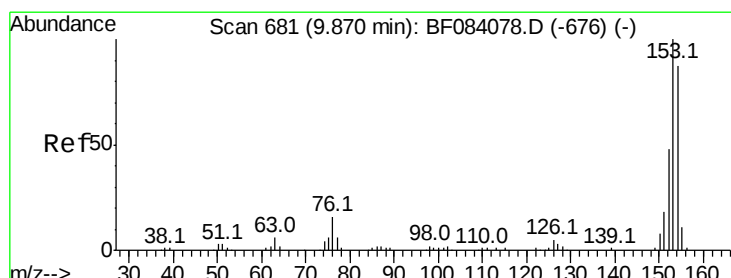
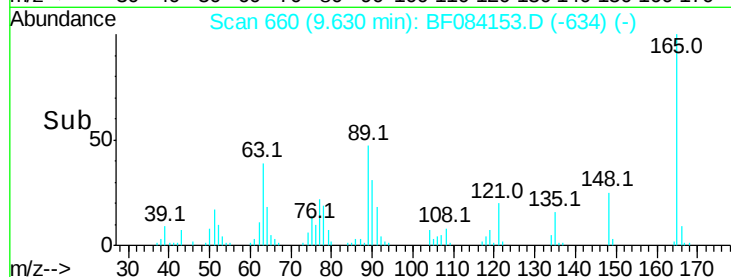
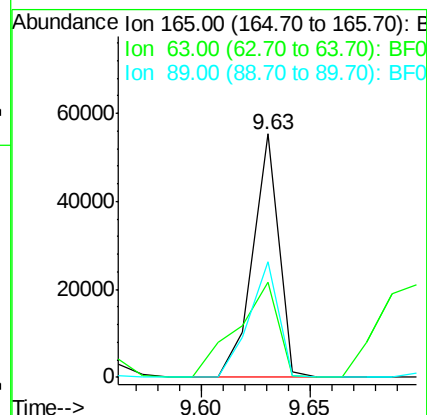
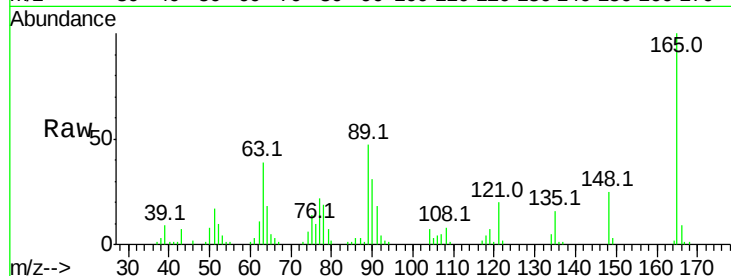
#50
2,6-Dinitrotoluene
Concen: 35.22 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	165	Resp:	45940
Ion Ratio	Lower	Upper	
165	100		
63	39.0	28.8	43.2
89	47.3	35.1	52.7

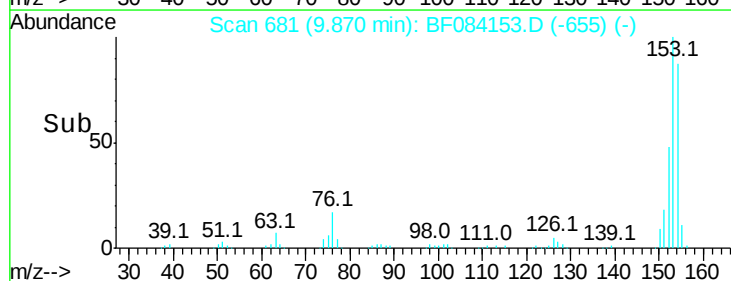
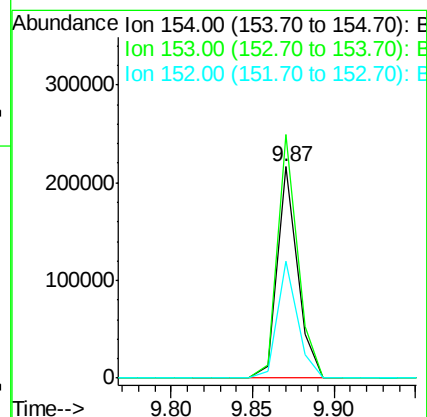
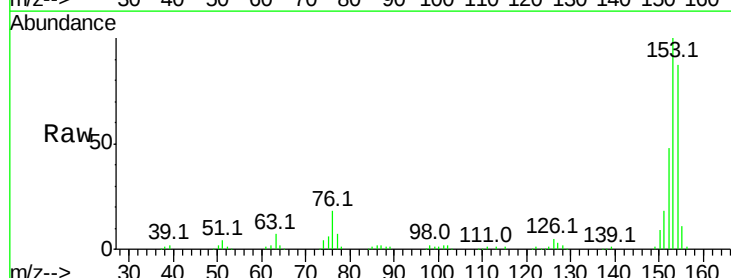
Manual Integrations
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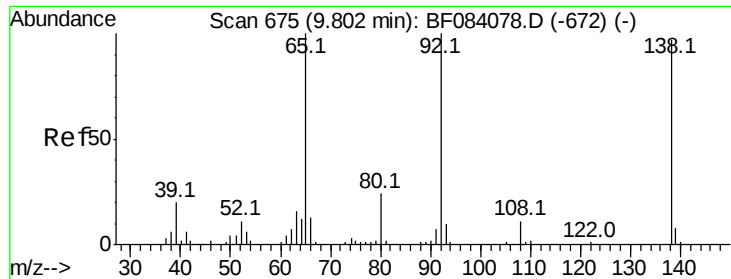
Sohil
12/28/2015 5:58:45 PM



#51
Acenaphthene
Concen: 38.55 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion:	154	Resp:	187663
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.5	137.3
152	55.6	43.0	64.6





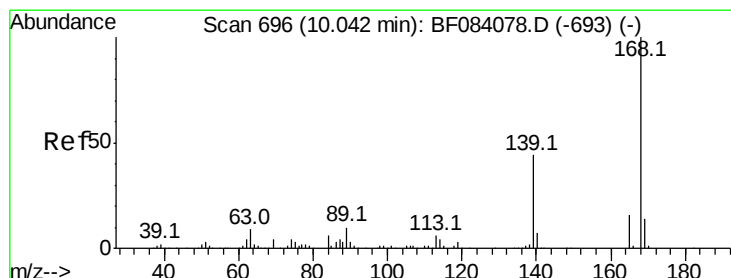
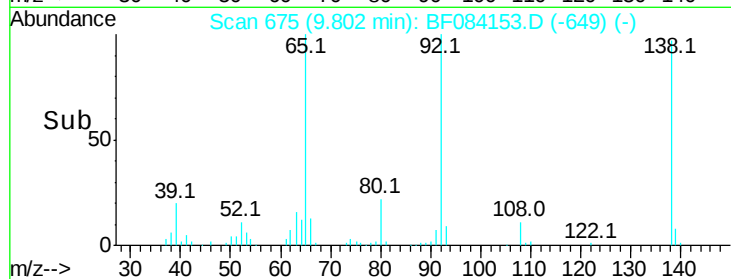
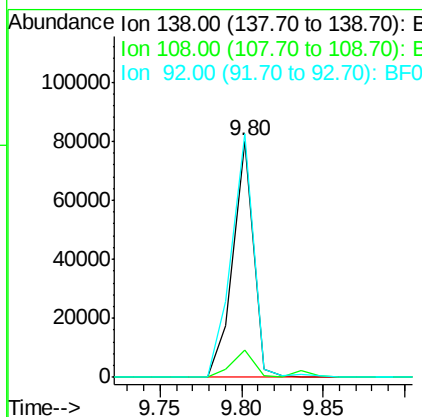
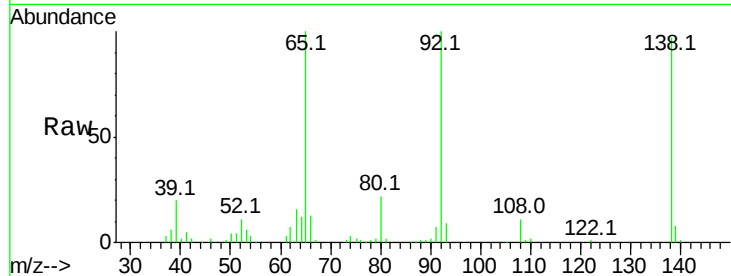
#52
3-Nitroaniline
Concen: 49.59 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	10.5	15.7
92	103.1	103.9	155.9#

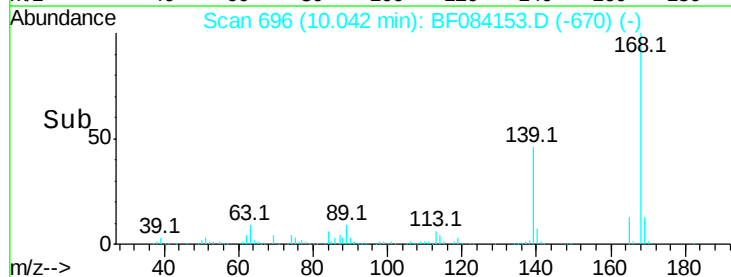
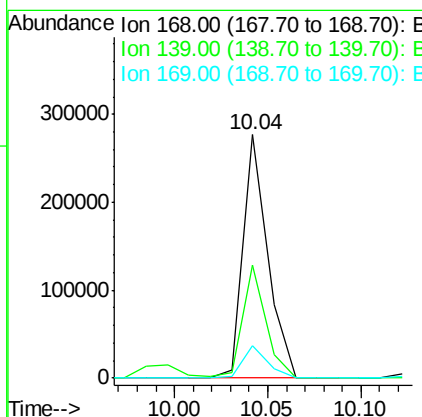
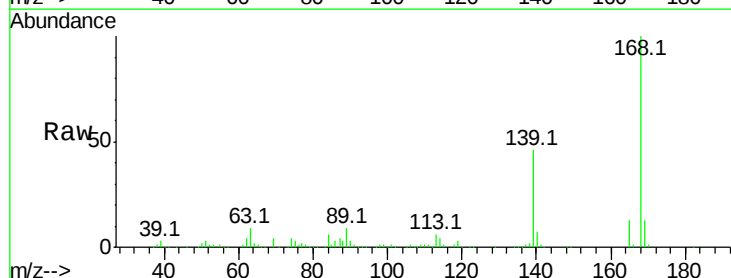
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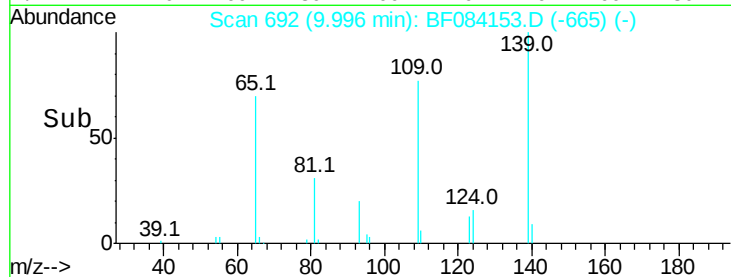
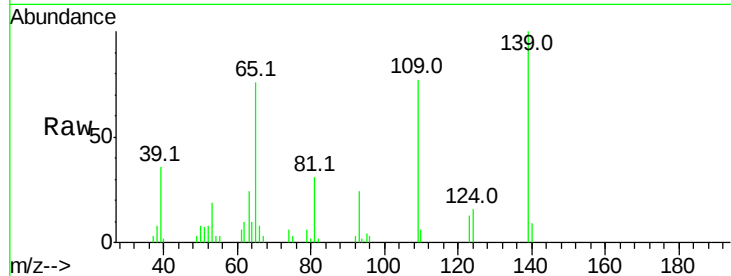
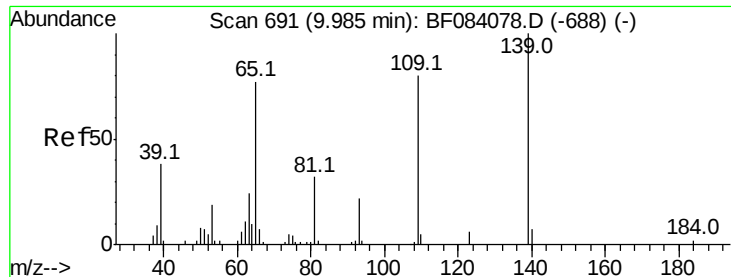
Sohil
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#54
Dibenzofuran
Concen: 37.94 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.2	30.5	45.7#
169	13.3	10.4	15.6





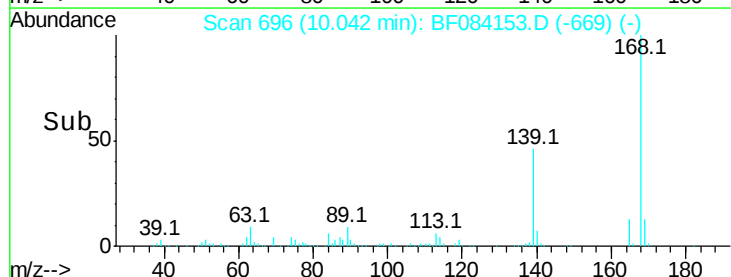
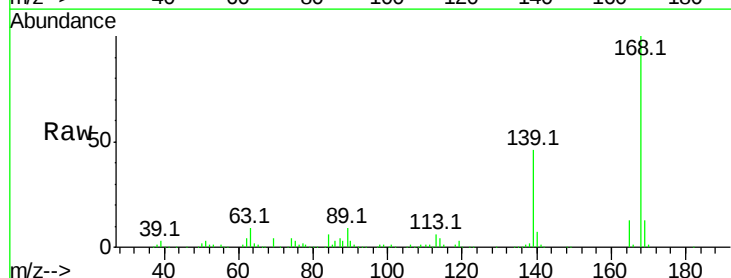
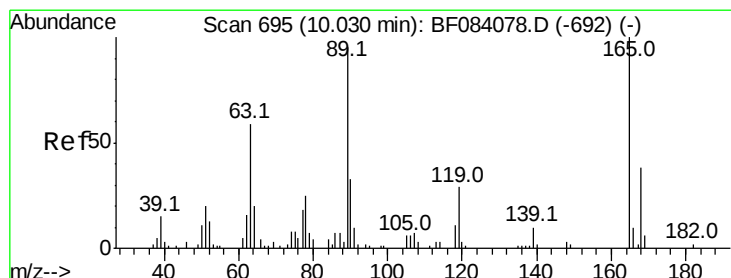
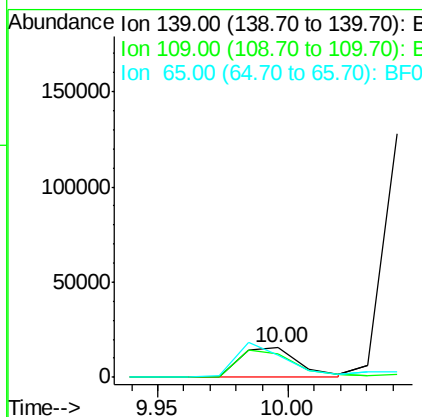
#55
4-Nitrophenol
Concen: 34.14 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tot Ion	Ratio	Resp	Lower	Upper
139	100	24398		
109	77.2	58.5	98.5	
65	76.1	57.6	97.6	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

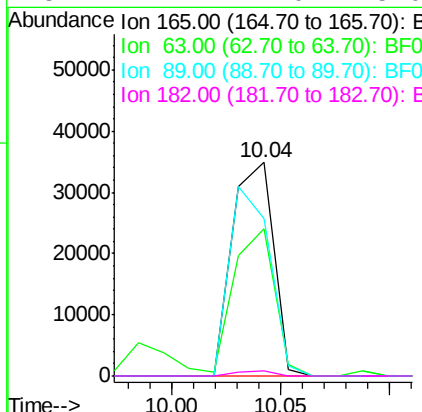
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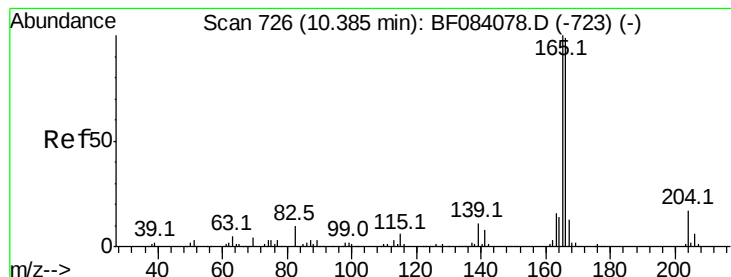
Sohil
12/28/2015 5:58:45 PM



#56
2,4-Dinitrotoluene
Concen: 26.59 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45796		
63	68.7	36.7	55.1#	
89	73.6	61.9	92.9	
182	2.7	2.0	3.0	





#57

Fluorene

Concen: 36.87 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 209759

Ion Ratio Lower Upper

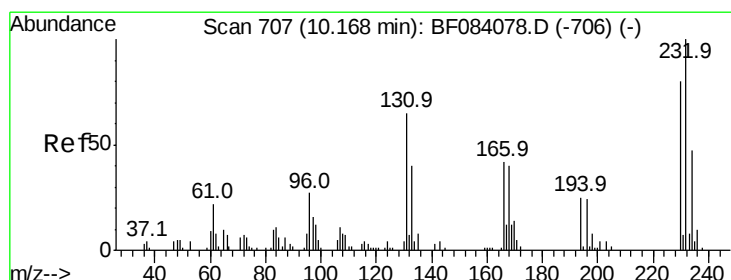
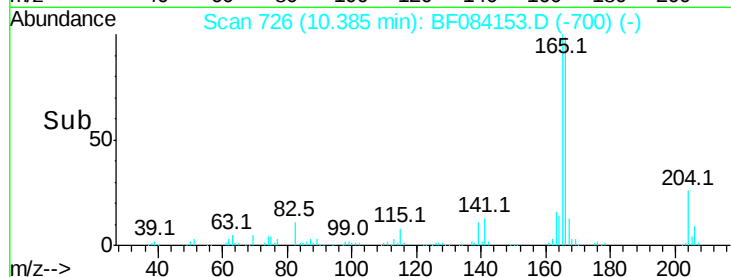
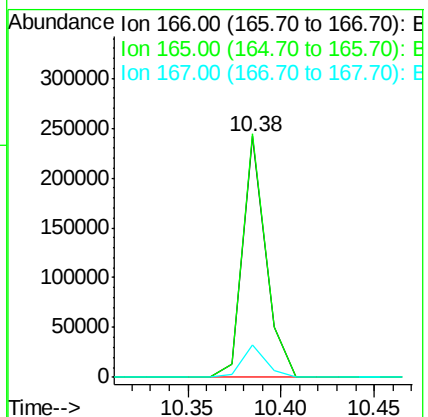
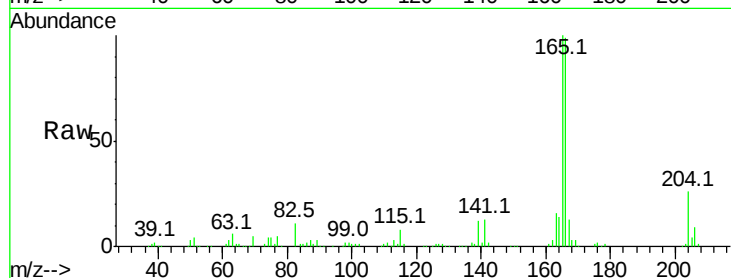
166 100

165 101.2 79.1 118.7

167 13.5 10.4 15.6

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12/28/2015 5:58:45 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.25 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion:232 Resp: 40536

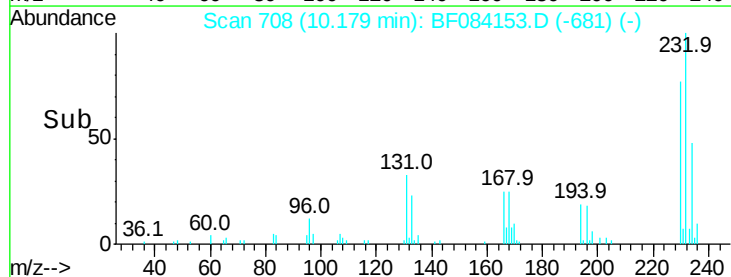
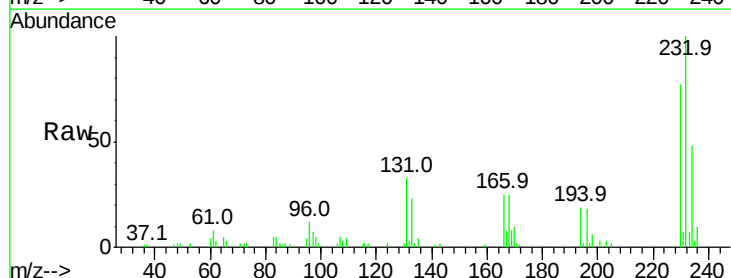
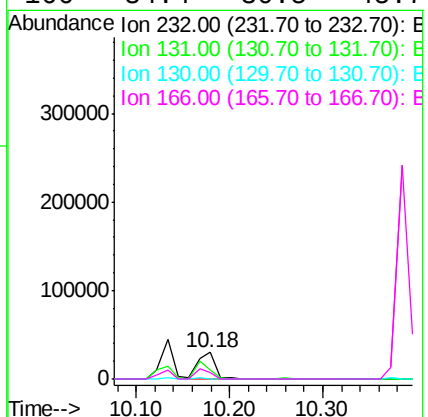
Ion Ratio Lower Upper

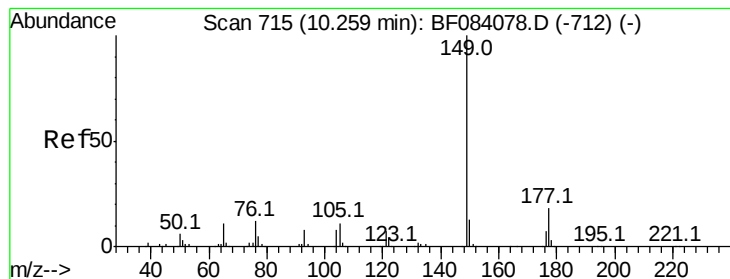
232 100

131 53.8 47.0 70.6

130 3.1 2.0 3.0#

166 34.4 30.5 45.7





#59

Diethylphthalate

Concen: 38.40 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

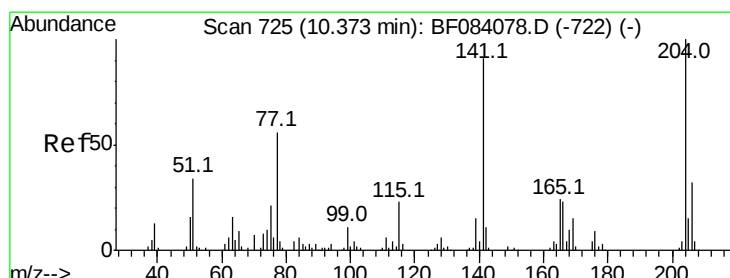
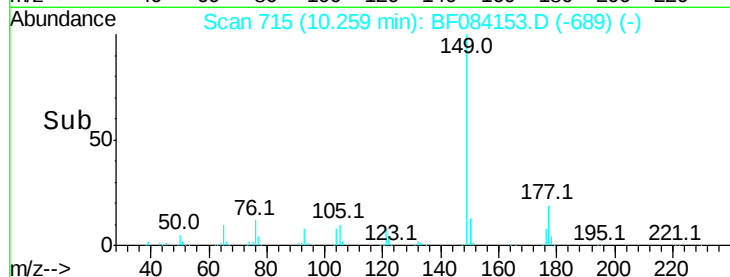
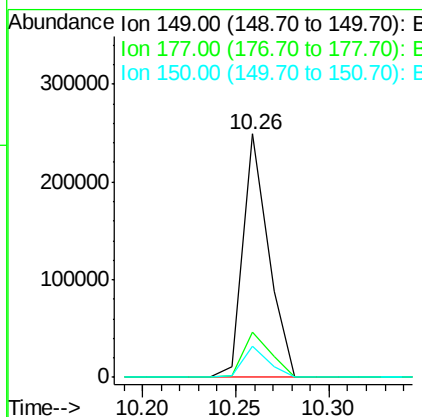
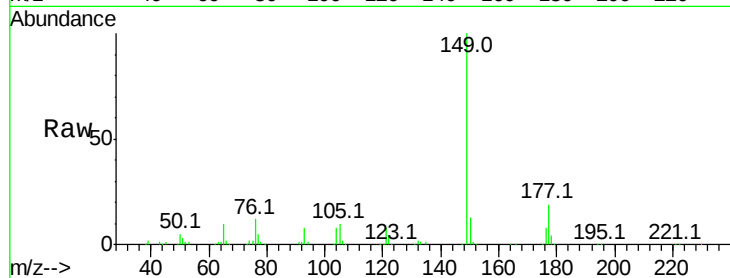
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	239719
Ion Ratio	Lower	Upper	
149	100		
177	18.8	17.3	25.9
150	12.7	9.8	14.8

Manual Integrations
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12/28/2015 5:58:45 PM



#60

4-Chlorophenyl-phenylether

Concen: 36.67 ng

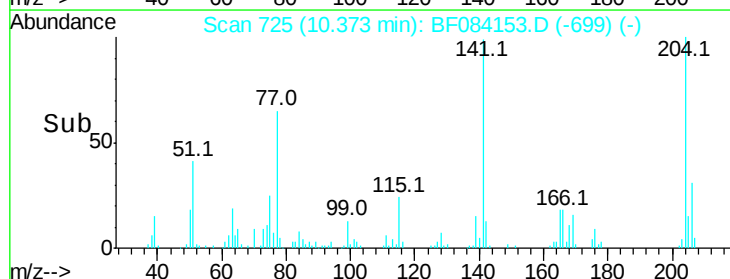
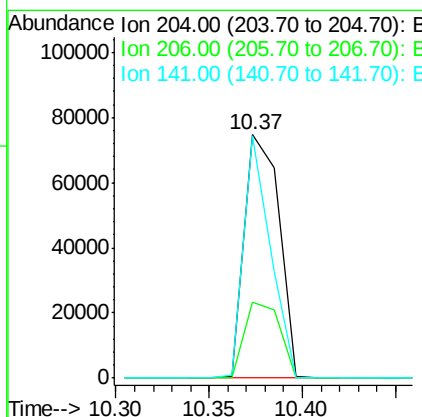
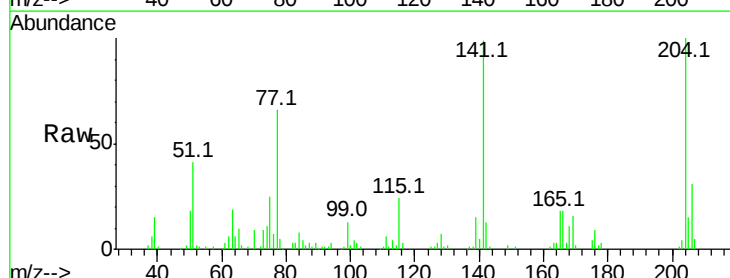
RT: 10.37 min Scan# 725

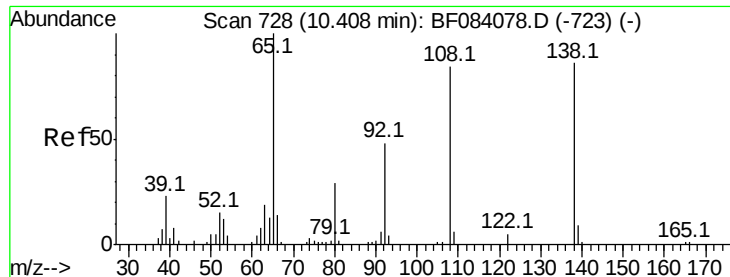
Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion:	204	Resp:	96235
Ion Ratio	Lower	Upper	
204	100		
206	31.3	25.7	38.5
141	99.4	55.1	82.7#





#61

4-Nitroaniline

Concen: 49.03 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:138 Resp: 63443

Ion Ratio Lower Upper

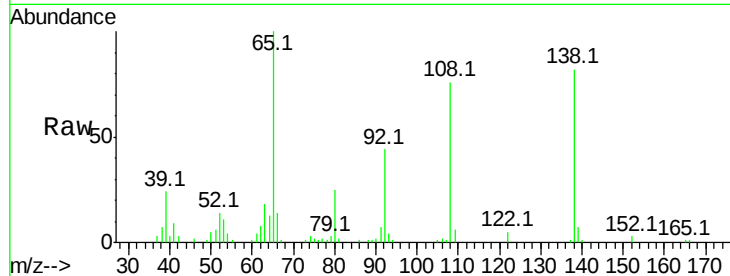
138 100

92 54.0 32.6 72.6

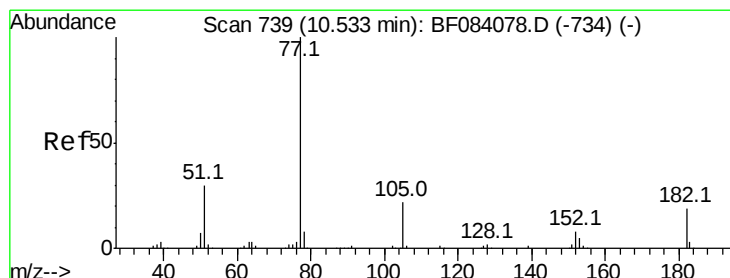
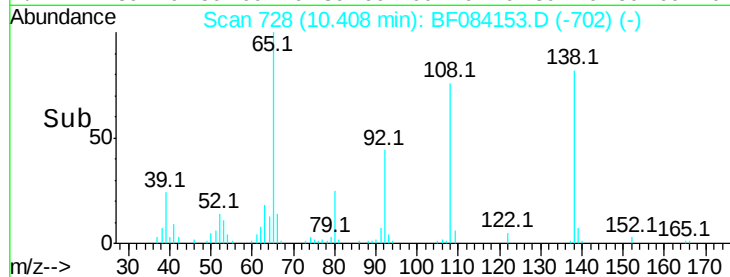
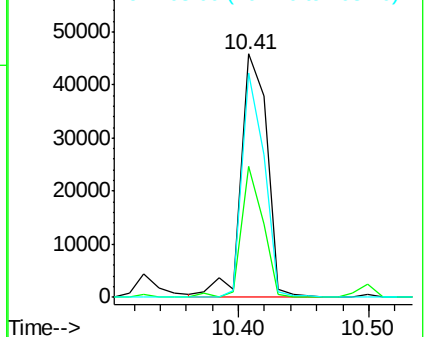
108 92.1 68.6 108.6

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.39 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion: 77 Resp: 187163

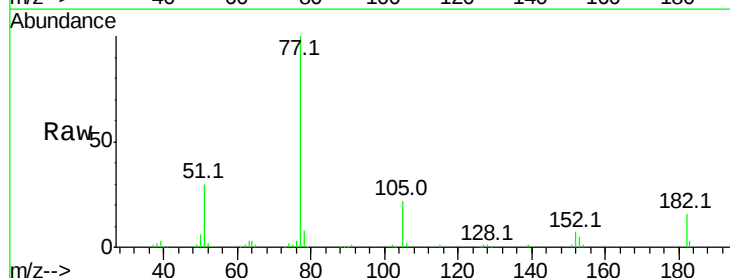
Ion Ratio Lower Upper

77 100

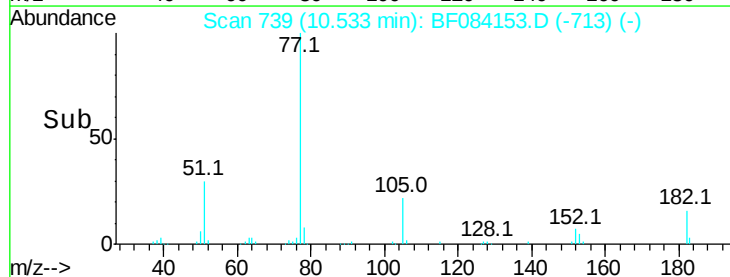
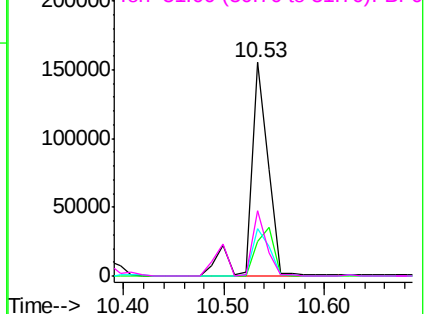
182 16.1 8.3 48.3

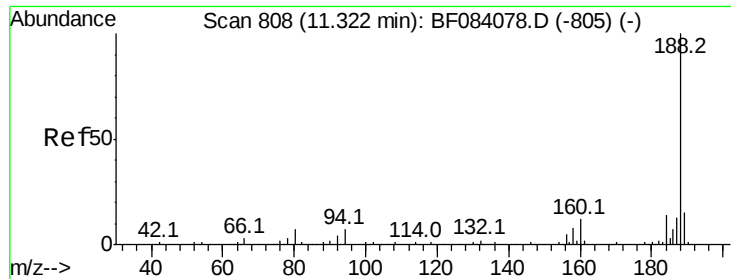
105 22.0 4.6 44.6

51 30.3 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





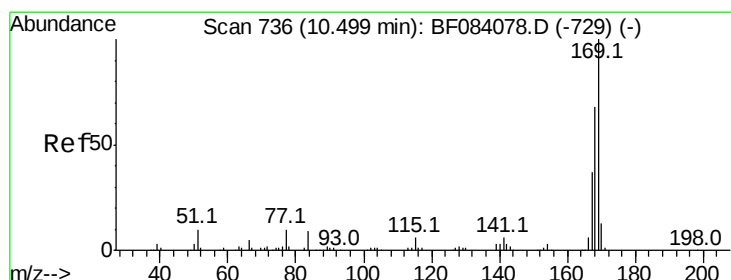
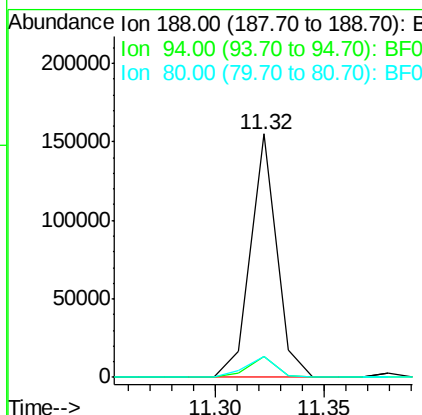
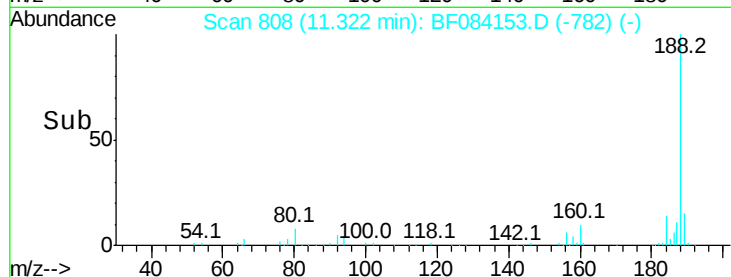
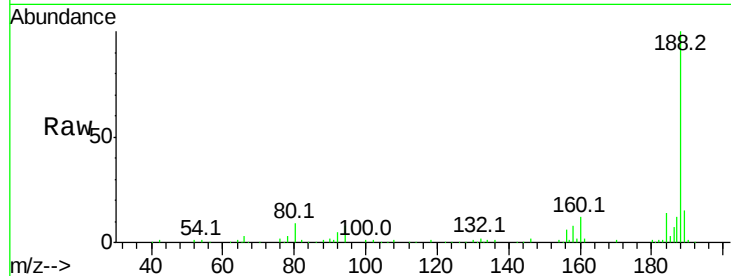
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.8	9.6	14.4#

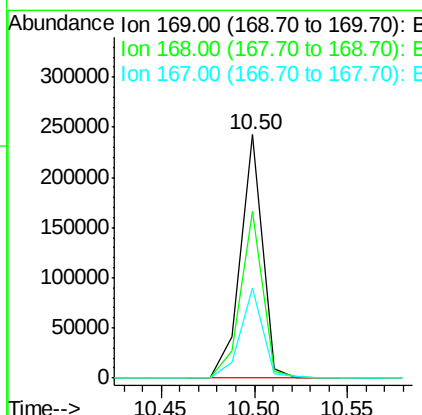
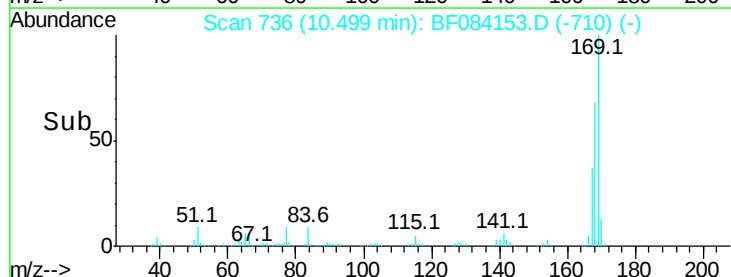
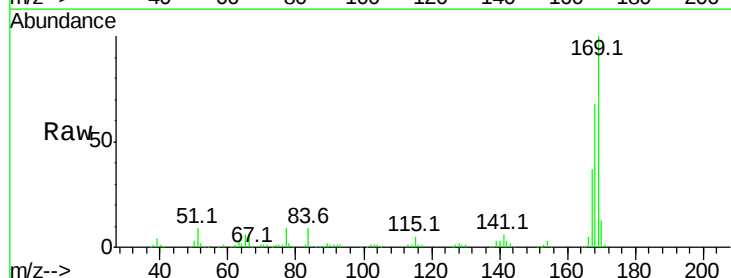
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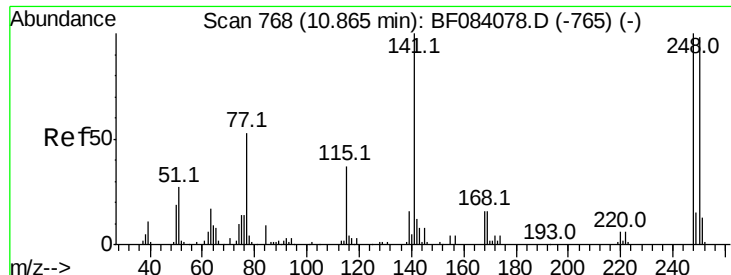
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#65
n-Nitrosodiphenylamine
Concen: 43.71 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	68.3	55.1	82.7
167	37.1	30.0	45.0





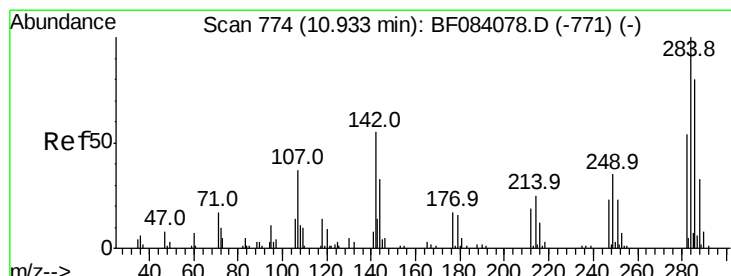
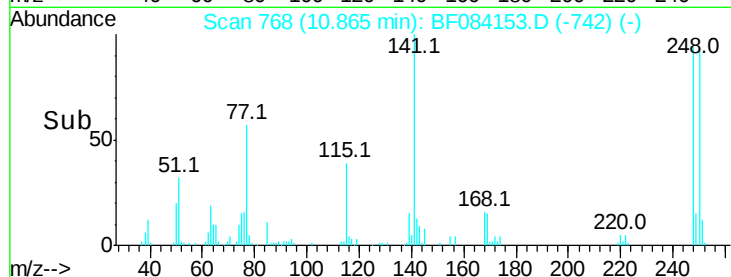
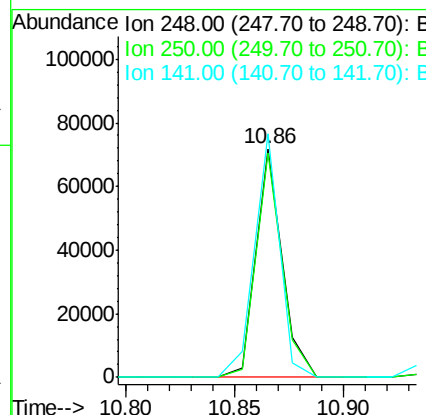
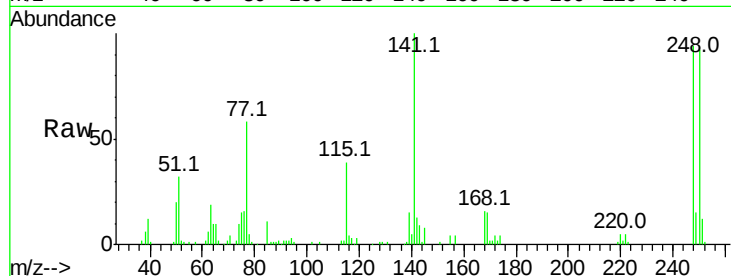
#66
4-Bromophenyl-phenylether
Concen: 40.08 ng
RT: 10.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.4	117.6
141	106.5	44.0	66.0

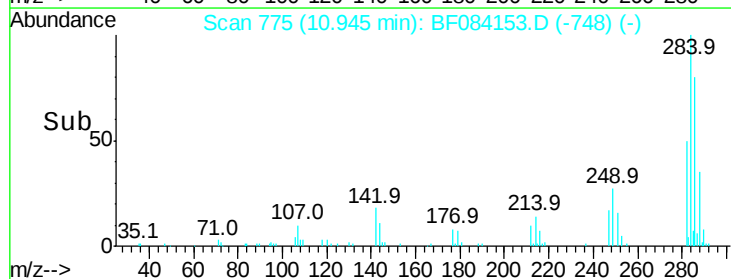
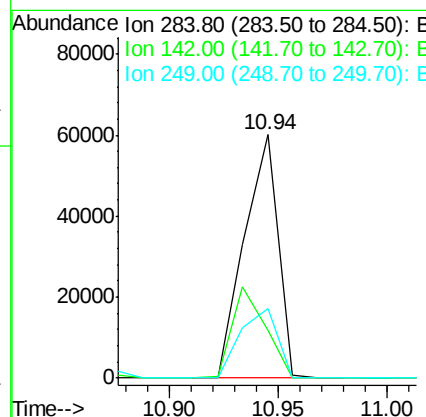
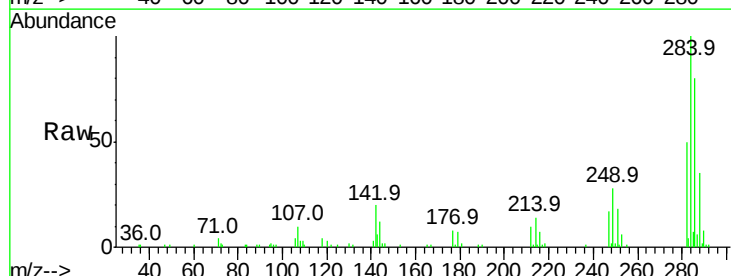
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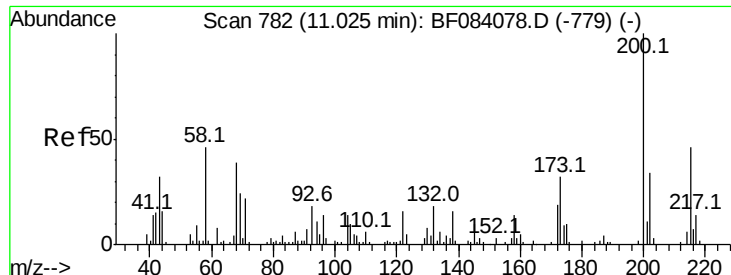
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#67
Hexachlorobenzene
Concen: 39.23 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	19.5	22.2	33.4
249	28.4	24.6	37.0





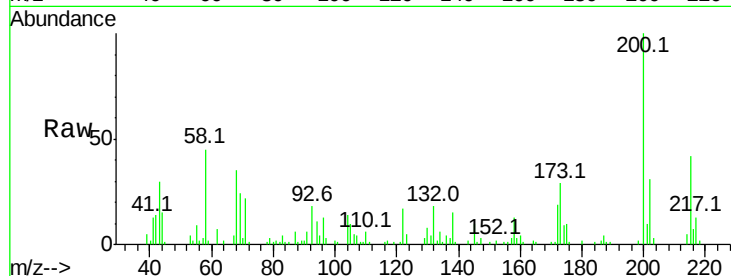
#68
Atrazine
Concen: 35.76 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

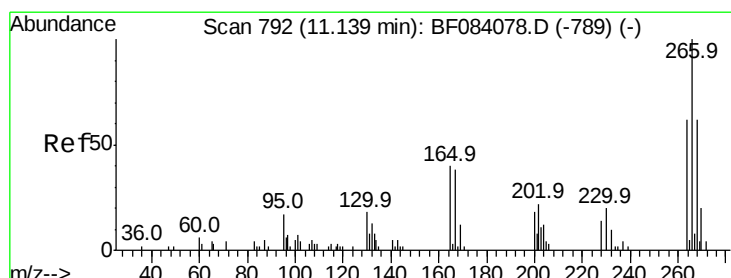
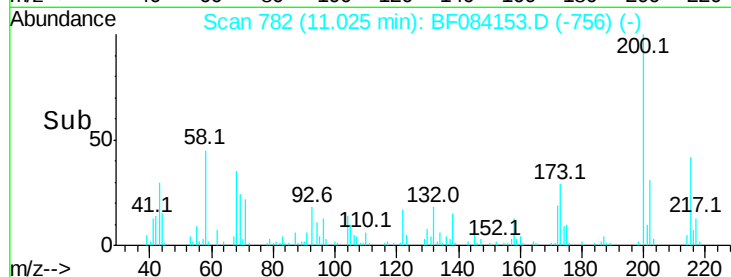
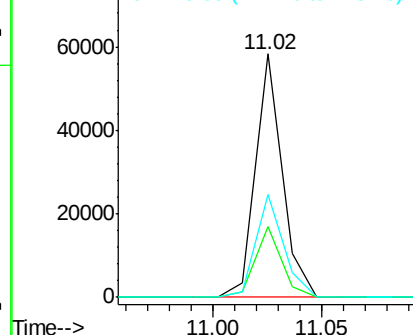
Tot Ion	Ratio	Resp	Lower	Upper
200	100	49607		
173	29.2		9.5	49.5
215	42.0		23.8	63.8

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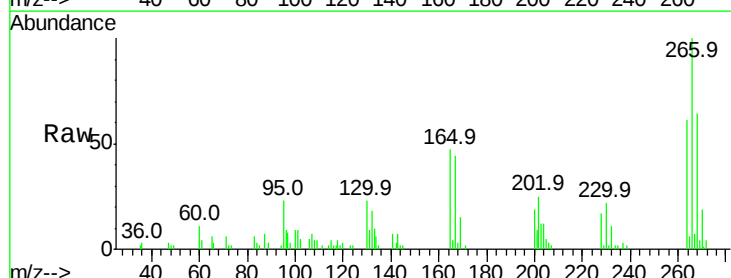


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

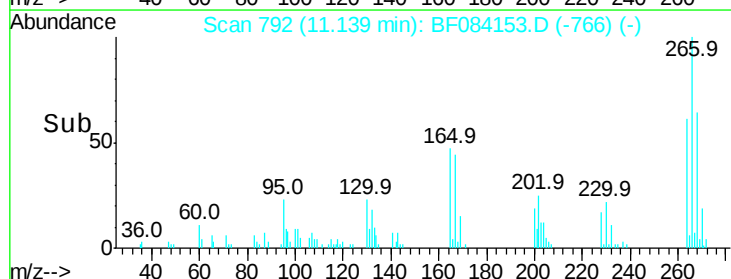
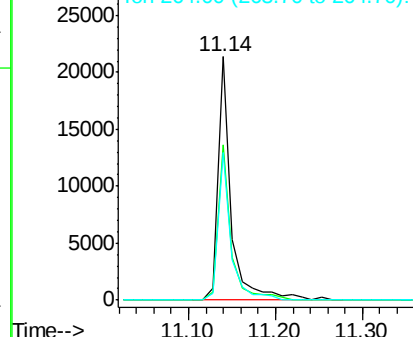


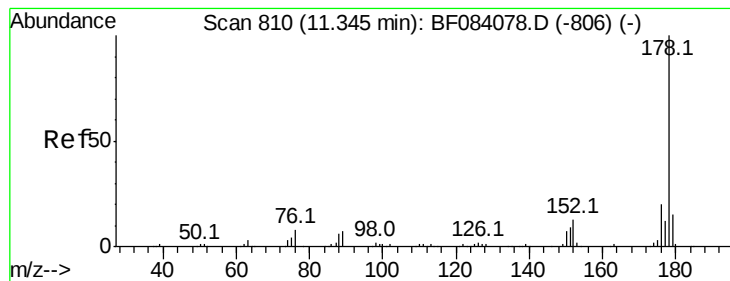
#69
Pentachlorophenol
Concen: 45.90 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	22780		
268	63.9		52.4	78.6
264	60.6		50.2	75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 37.70 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 288772

Ion Ratio Lower Upper

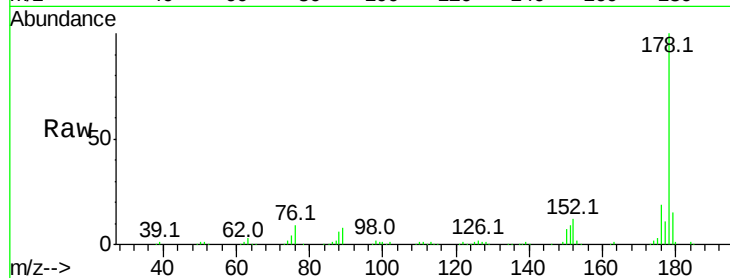
178 100

176 19.4 15.3 22.9

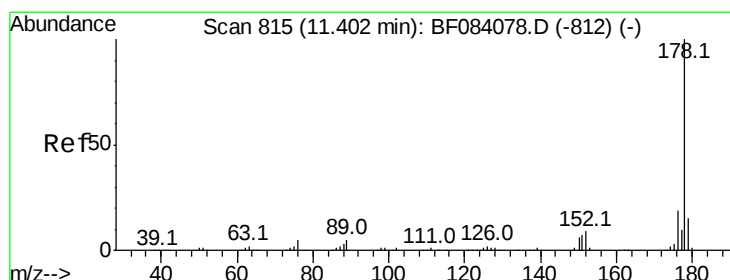
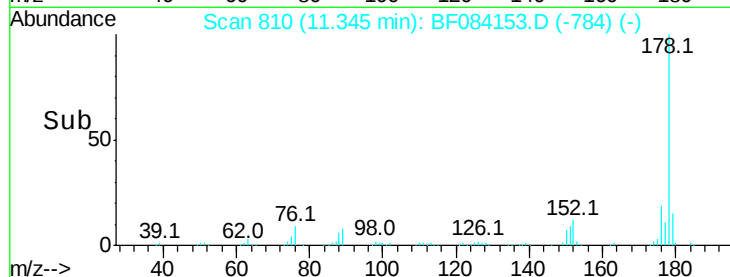
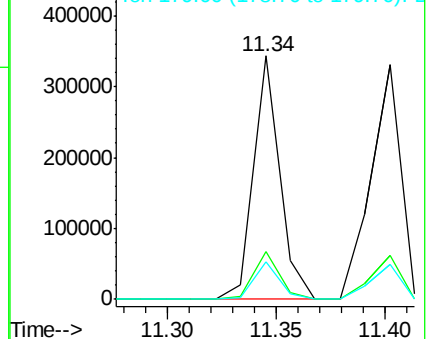
179 15.4 12.0 18.0

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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



#71

Anthracene

Concen: 39.42 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

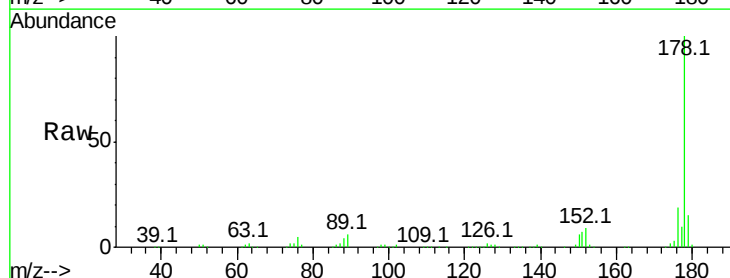
Tgt Ion:178 Resp: 315780

Ion Ratio Lower Upper

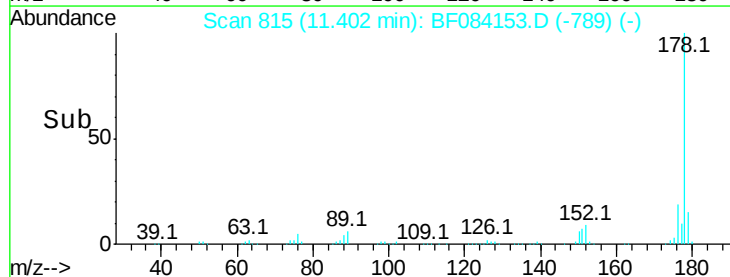
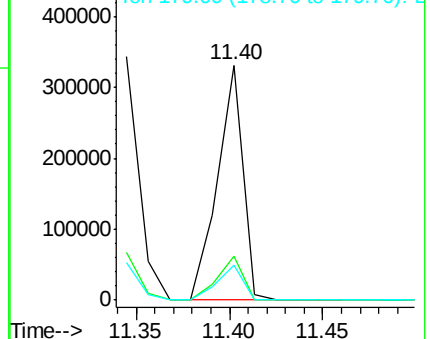
178 100

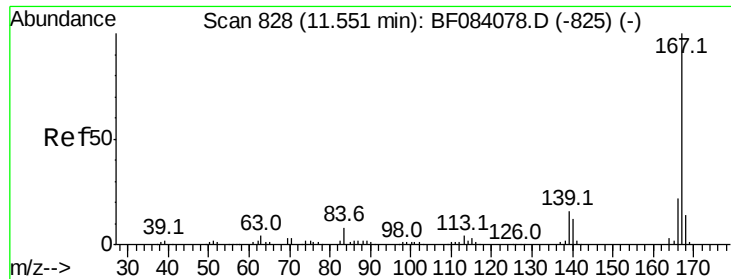
176 18.5 15.4 23.0

179 14.8 12.5 18.7



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: 39.47 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Instrument :

BNA_F

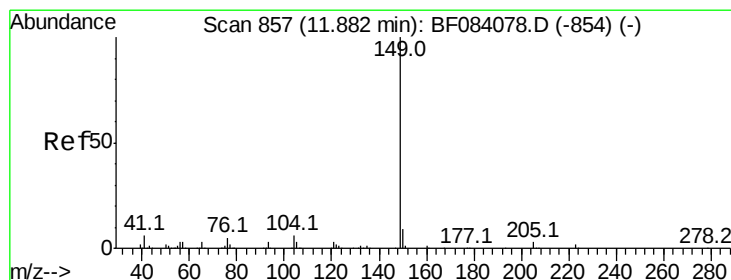
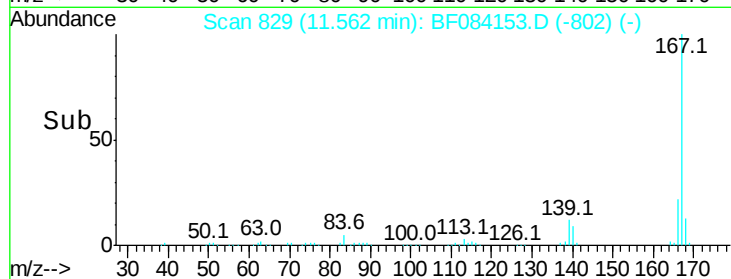
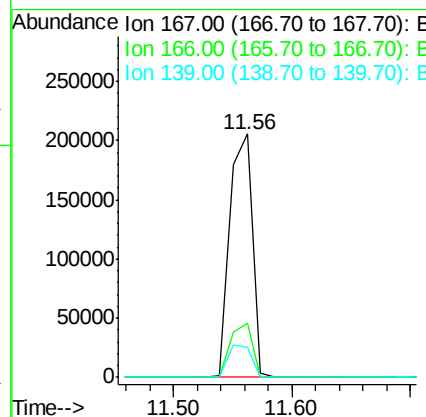
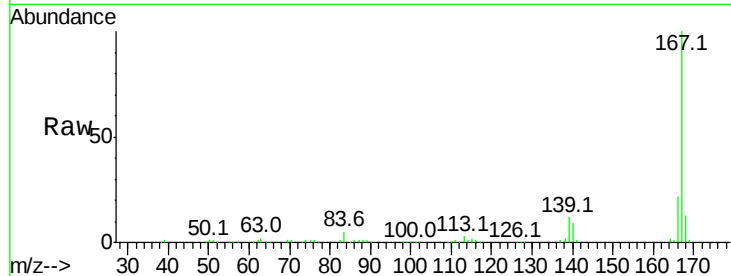
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
167	100	268945		
166	22.0		17.6	26.4
139	12.1		11.8	17.8

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#73

Di-n-butylphthalate

Concen: 39.03 ng

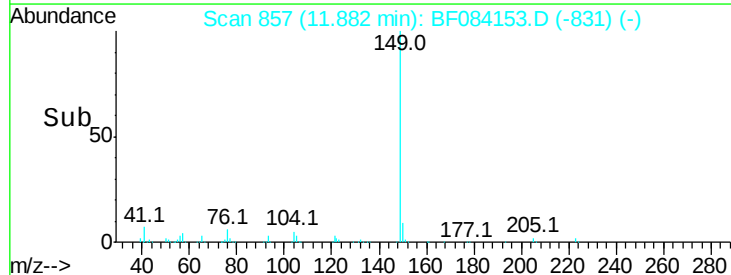
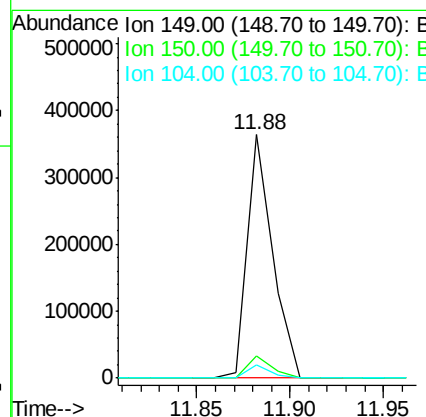
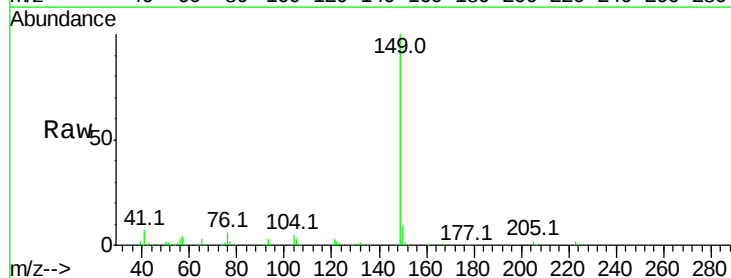
RT: 11.88 min Scan# 857

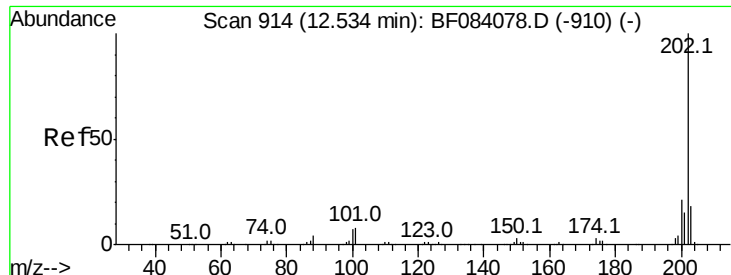
Delta R.T. 0.00 min

Lab File: BF084153.D

Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	342649		
150	9.2		7.1	10.7
104	5.3		3.2	4.8#





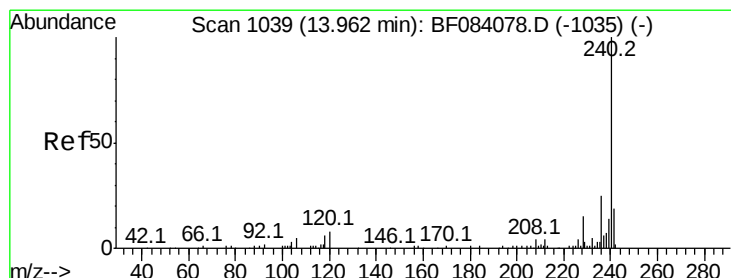
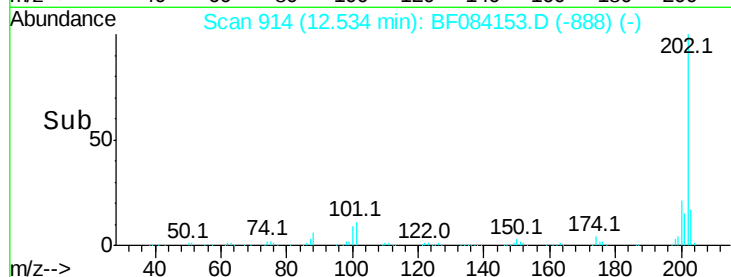
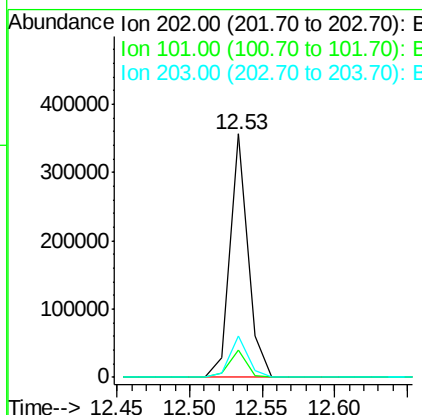
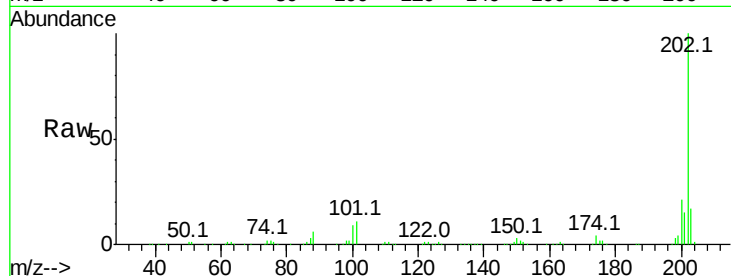
#74
Fluoranthene
 Concen: 36.85 ng
 RT: 12.53 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF084153.D
 Acq: 26 Dec 2015 2:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	32.8
203	17.2	0.0	37.9

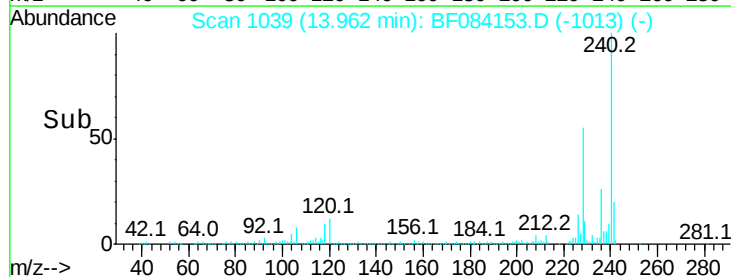
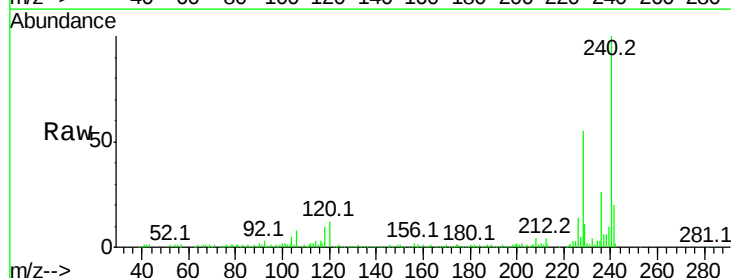
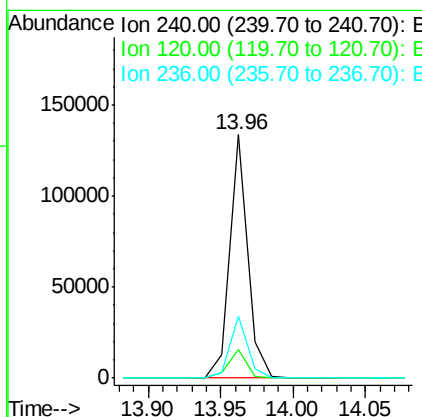
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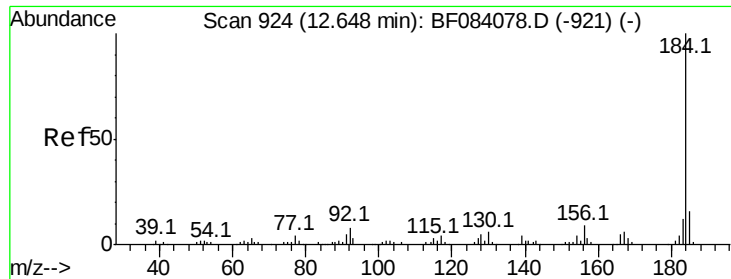
Sohil
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF084153.D
 Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.5	20.6	31.0





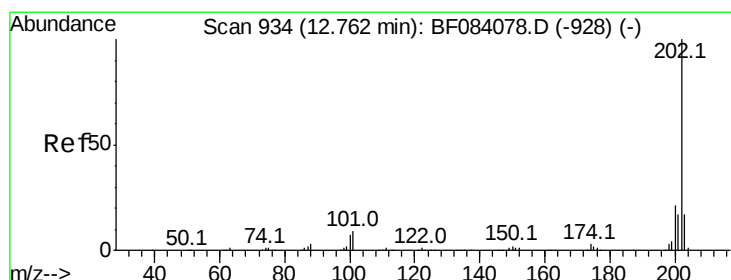
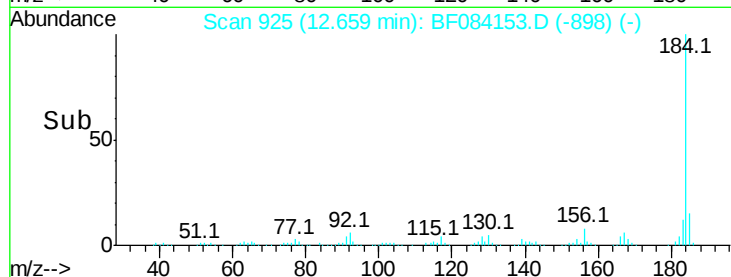
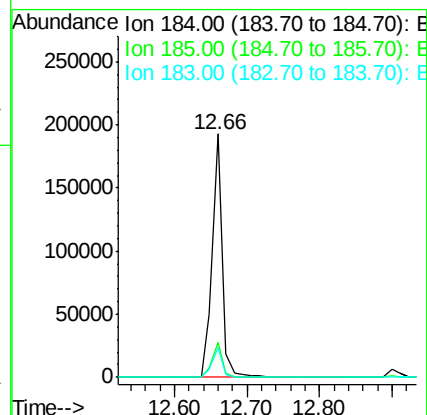
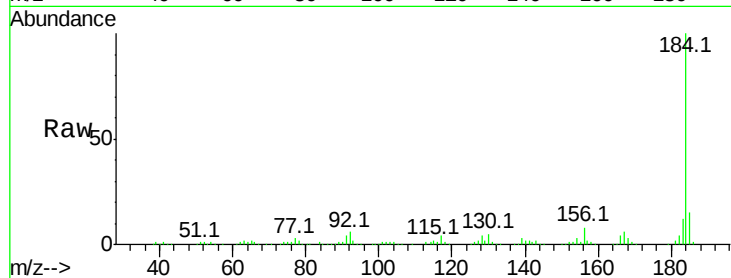
#76
Benzidine
Concen: 47.92 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	12.2	18.2	
183	12.2	9.8	14.8	

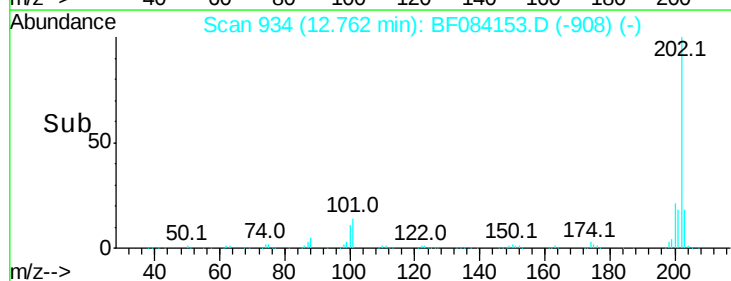
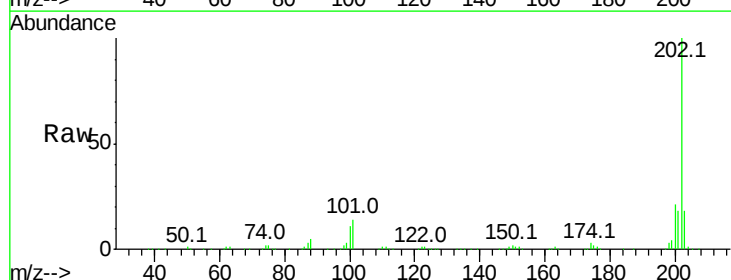
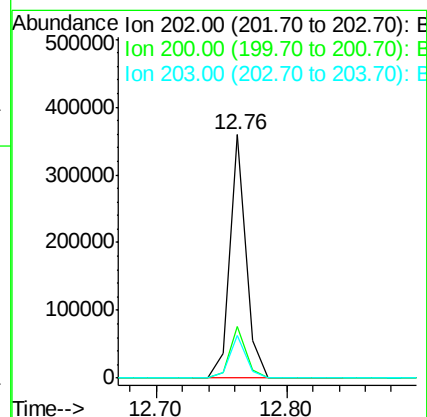
Manual Integrations
APPROVED

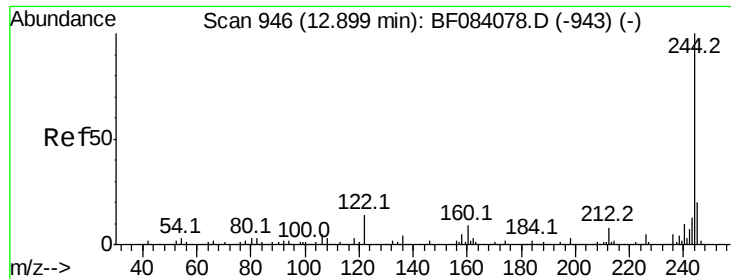
Sohil
12/28/2015 5:58:45 PM



#77
Pyrene
Concen: 31.26 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	17.2	25.8	
203	17.6	14.3	21.5	





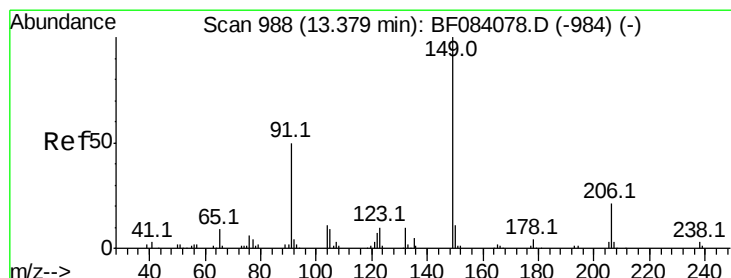
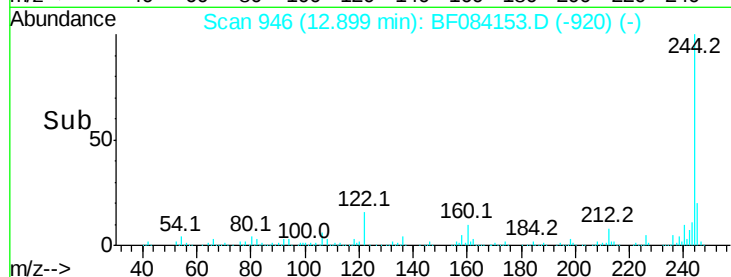
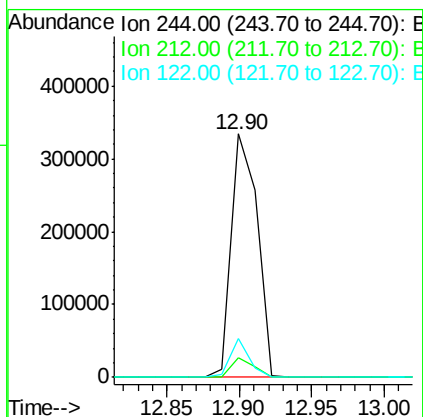
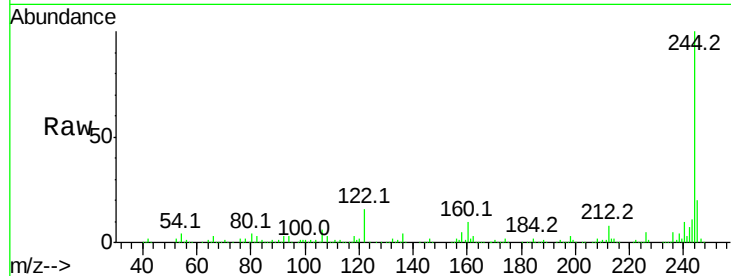
#78
 Terphenyl-d14
 Concen: 65.17 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084153.D
 Acq: 26 Dec 2015 2:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	5.7	8.5
122	16.1	7.4	11.0

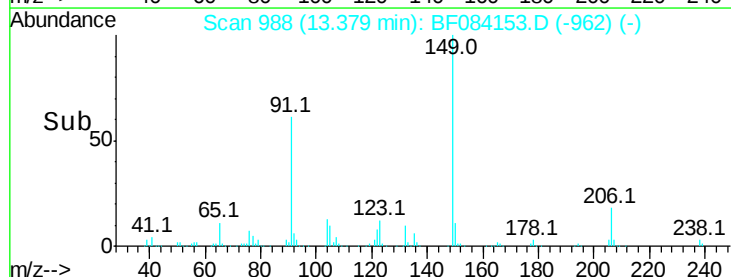
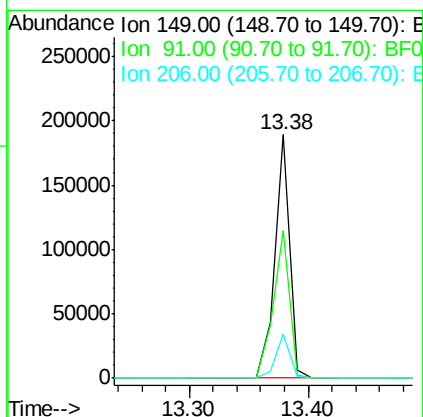
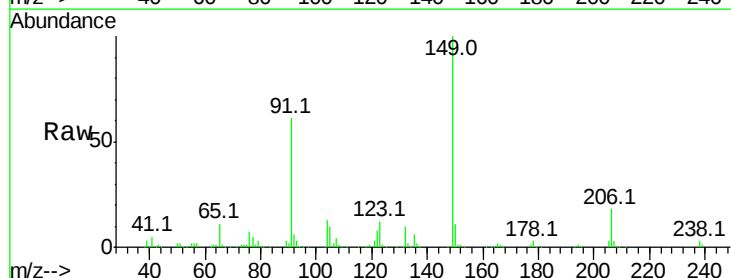
Manual Integrations
 APPROVED

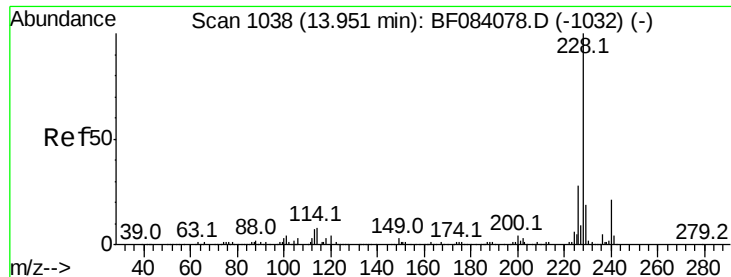
Sohil
 12/28/2015 5:58:45 PM



#79
 Butylbenzylphthalate
 Concen: 39.95 ng
 RT: 13.38 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF084153.D
 Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	60.6	57.6	86.4
206	18.0	13.2	19.8





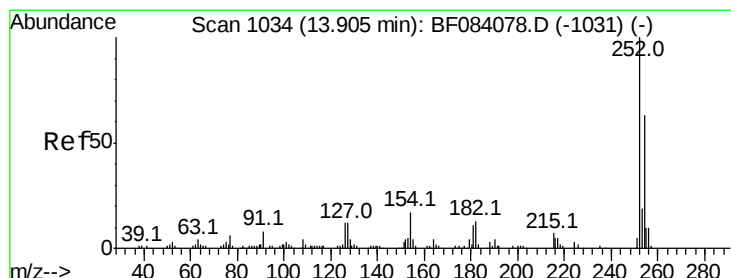
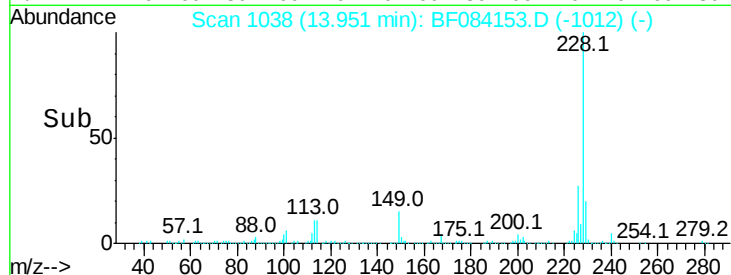
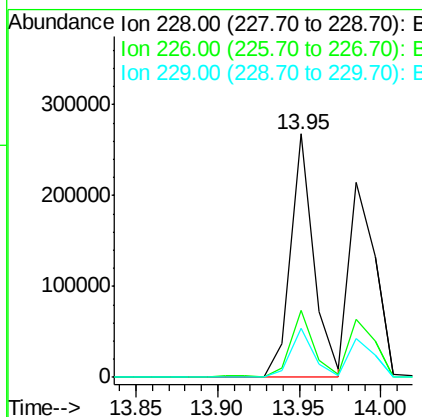
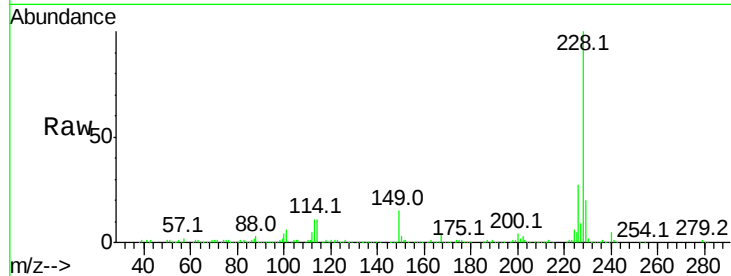
#80
Benzo(a)anthracene
Concen: 37.43 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	20.2	15.8	23.8

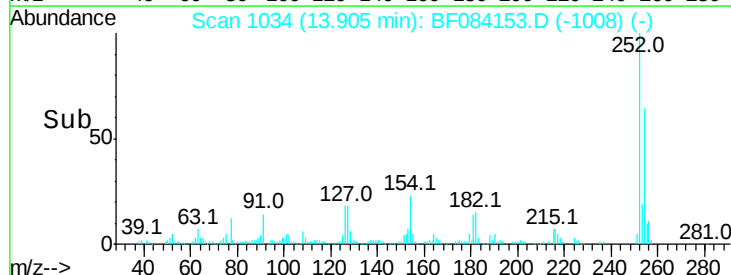
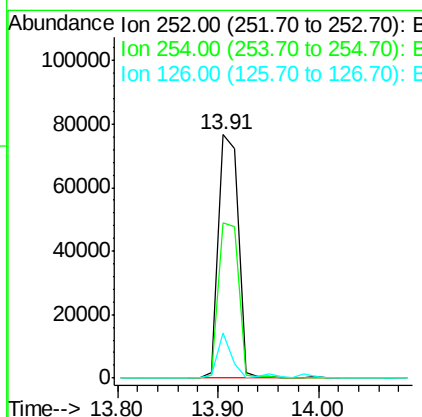
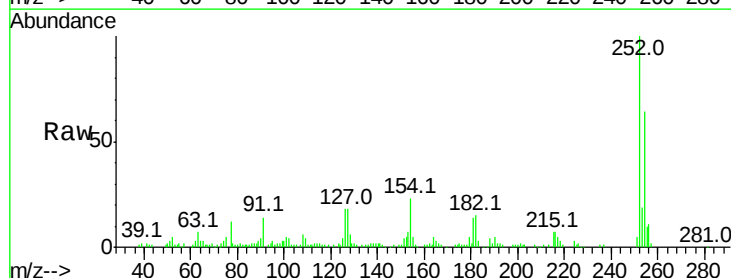
Manual Integrations
APPROVED

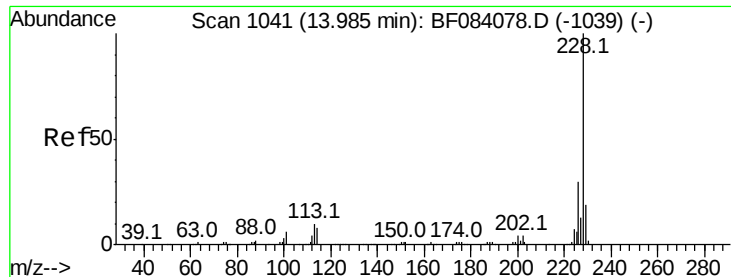
Sohil
12/28/2015 5:58:45 PM



#81
3,3'-Dichlorobenzidine
Concen: 49.23 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.5	80.3
126	18.4	4.9	7.3#





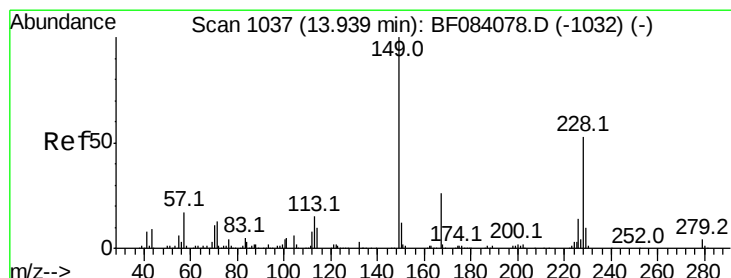
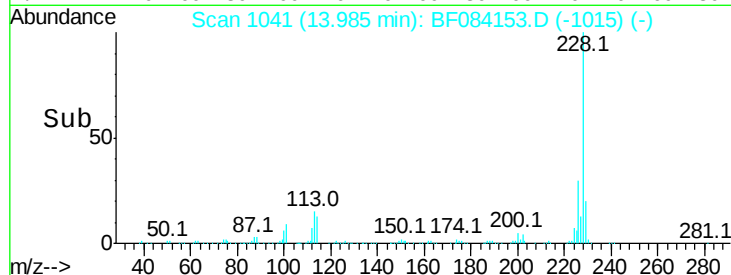
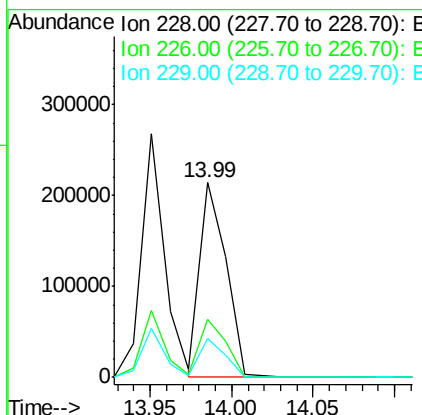
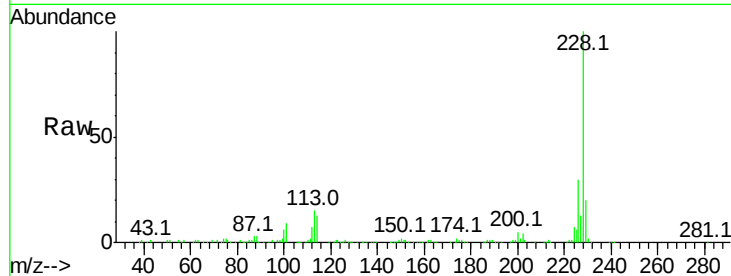
#82
 Chrvsene
 Concen: 36.82 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084153.D
 Acq: 26 Dec 2015 2:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
228	100	241149		
226	30.1	24.3	36.5	
229	19.7	16.1	24.1	

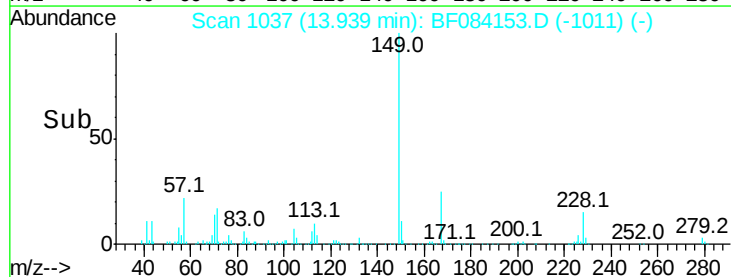
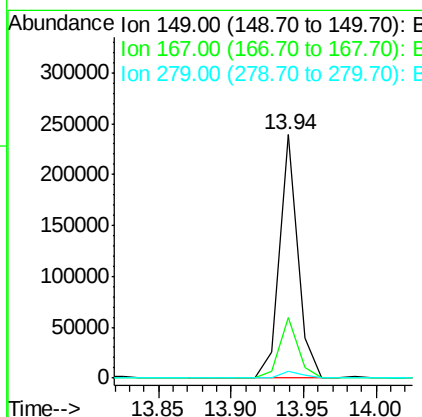
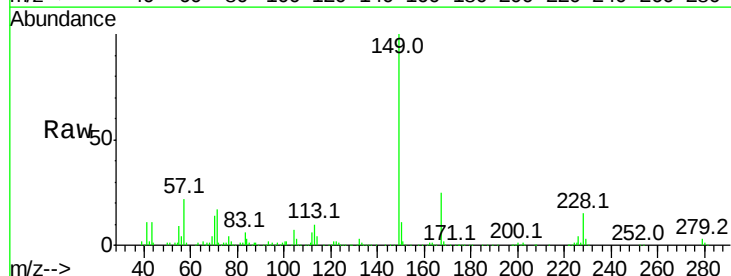
Manual Integrations
 APPROVED

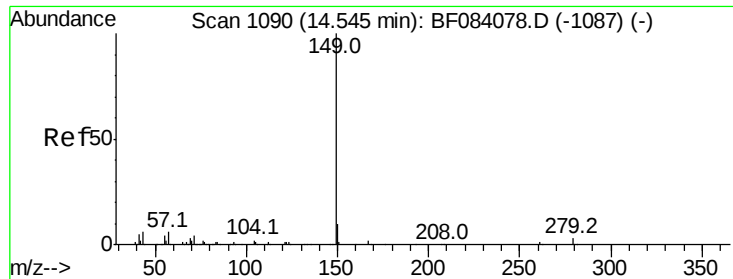
Sohil
 12/28/2015 5:58:45 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.22 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF084153.D
 Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	208987		
167	25.0	19.7	29.5	
279	2.9	1.8	2.6#	





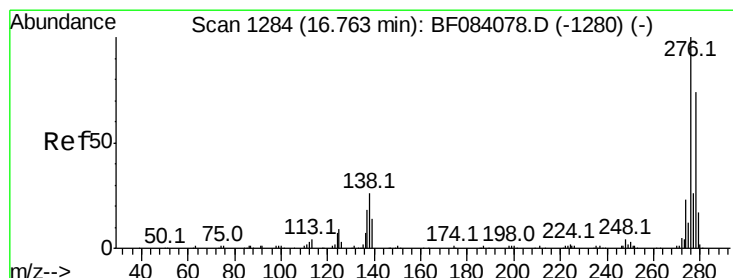
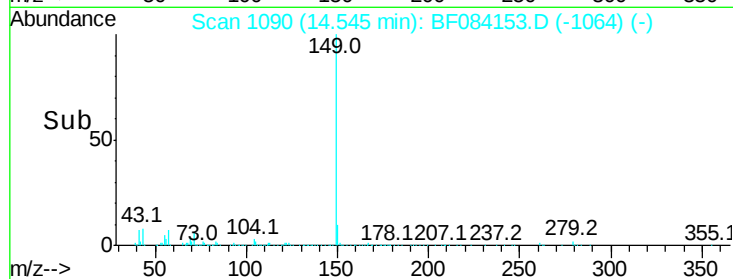
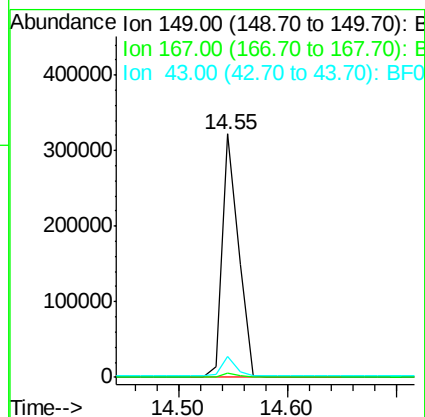
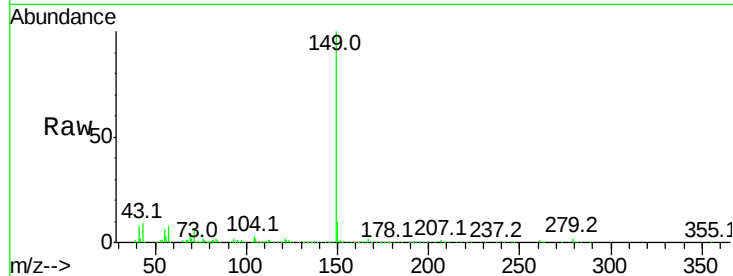
#84
Di-n-octyl phthalate
Concen: 44.61 ng
RT: 14.55 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	149	Resp:	334451
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.4	5.6	8.4

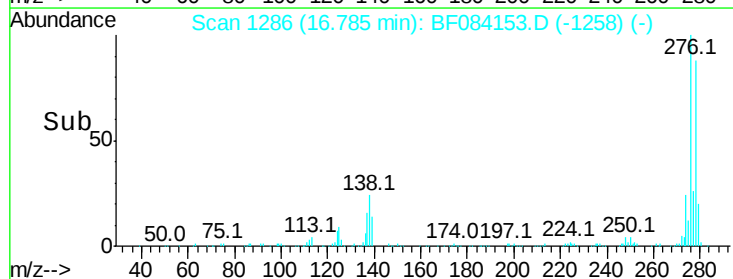
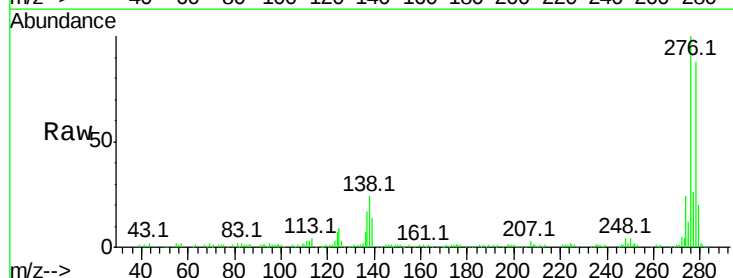
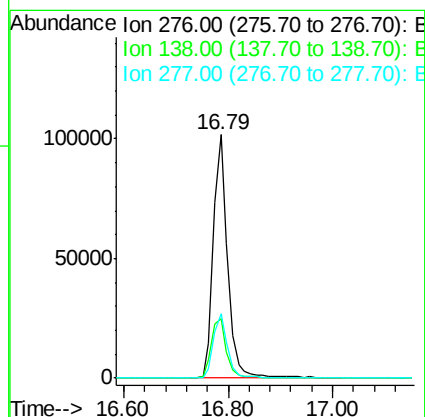
Manual Integrations
APPROVED

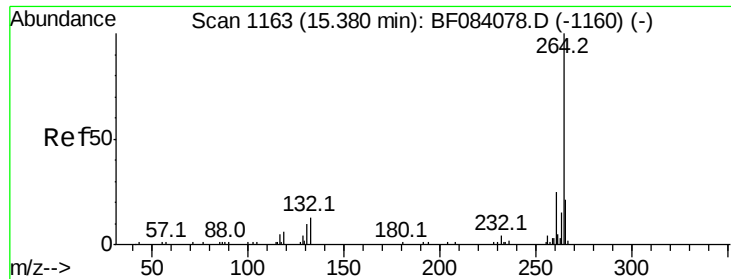
Sohil
12/28/2015 5:58:45 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 29.67 ng
RT: 16.79 min Scan# 1286
Delta R.T. 0.02 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion:	276	Resp:	194617
Ion Ratio	Lower	Upper	
276	100		
138	25.8	20.6	30.8
277	26.8	20.1	30.1





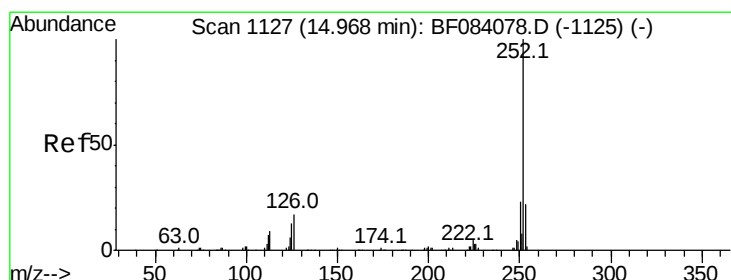
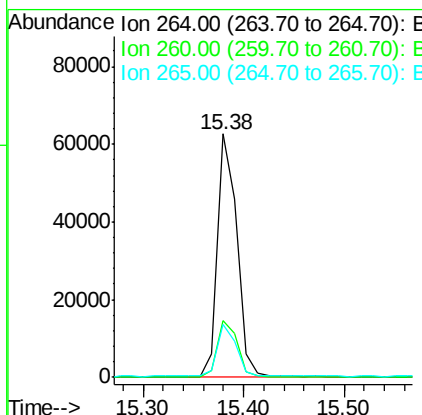
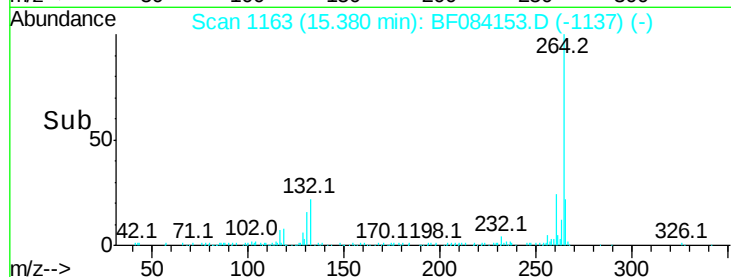
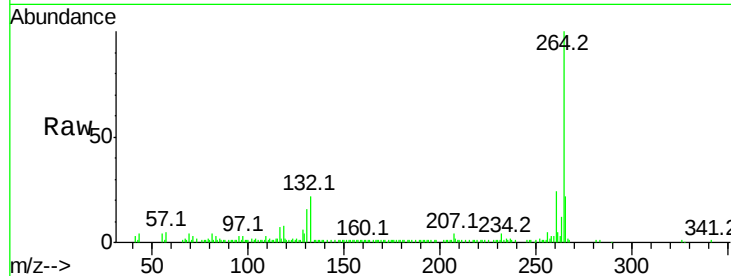
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	17.8	26.6

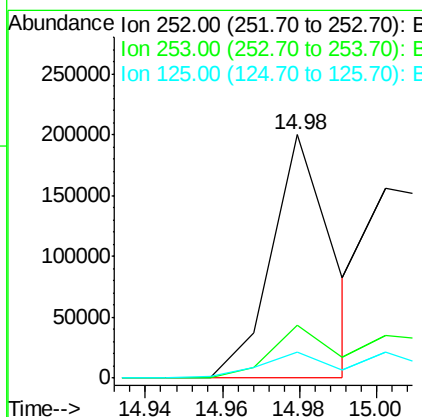
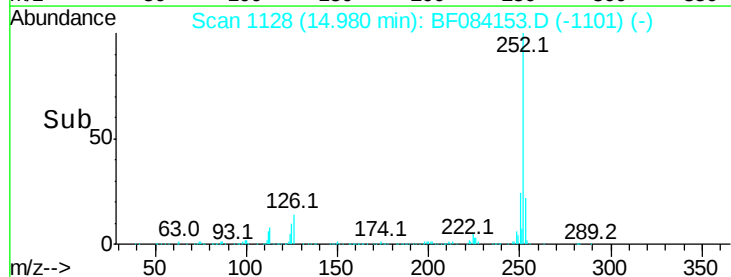
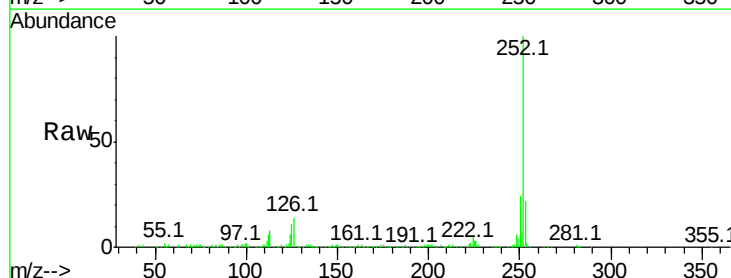
Manual Integrations
APPROVED

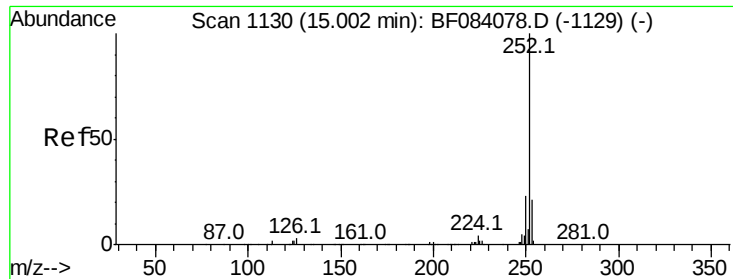
Sohil
12/28/2015 5:58:45 PM



#87
Benzo(b)fluoranthene
Concen: 34.93 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.6	6.5	9.7#





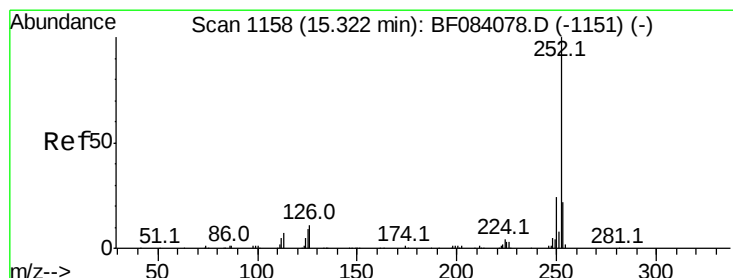
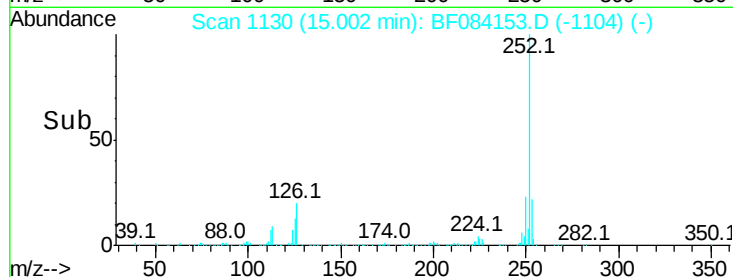
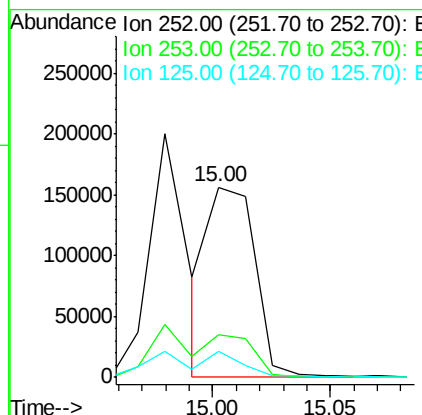
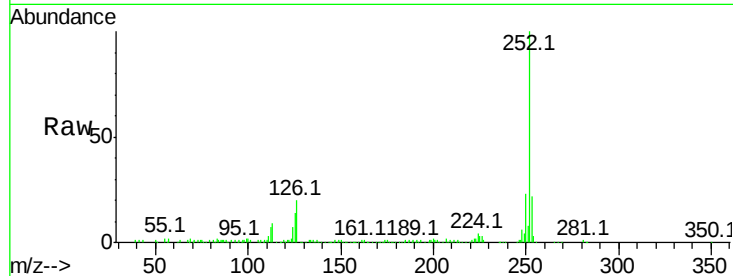
#88
Benzo(k)fluoranthene
Concen: 51.62 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	219642		
253	22.1	18.1	27.1	
125	13.9	9.0	13.6	

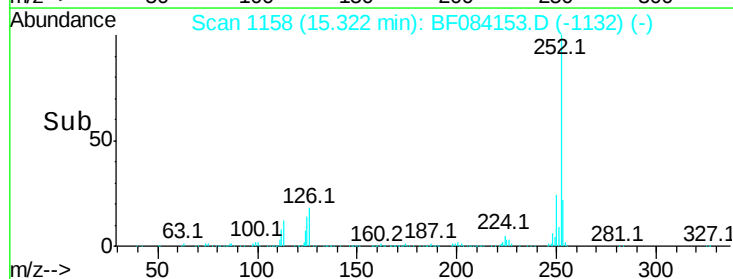
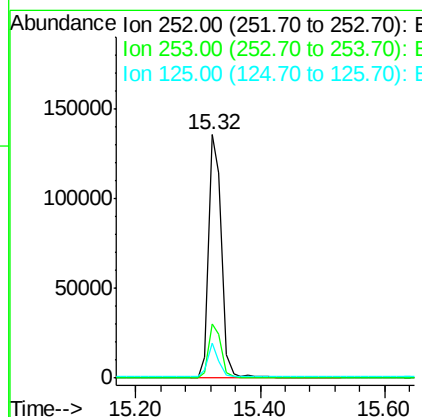
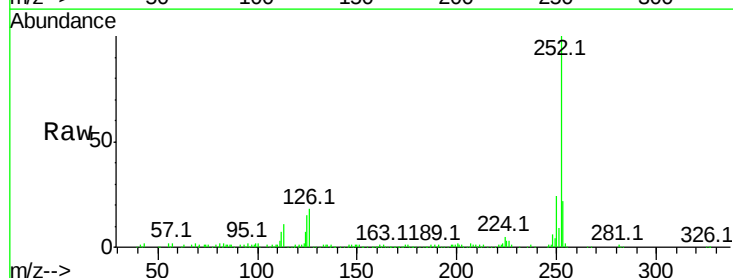
Manual Integrations
APPROVED

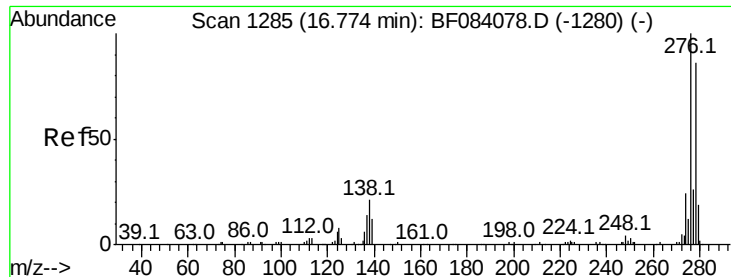
Sohil
12/28/2015 5:58:45 PM



#89
Benzo(a)pyrene
Concen: 37.93 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	196175		
253	22.2	17.3	25.9	
125	14.6	7.0	10.4	





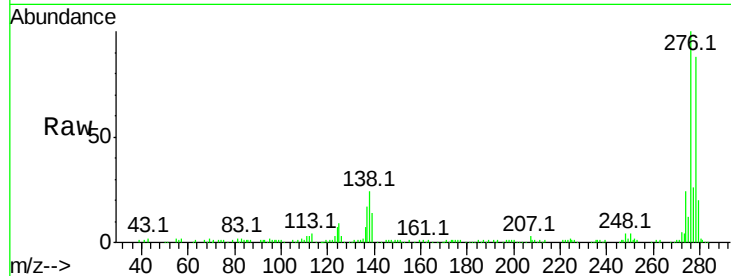
#90
Dibenzo(a,h)anthracene
Concen: 32.72 ng
RT: 16.79 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

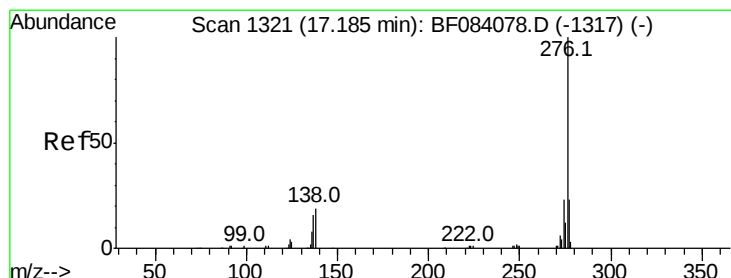
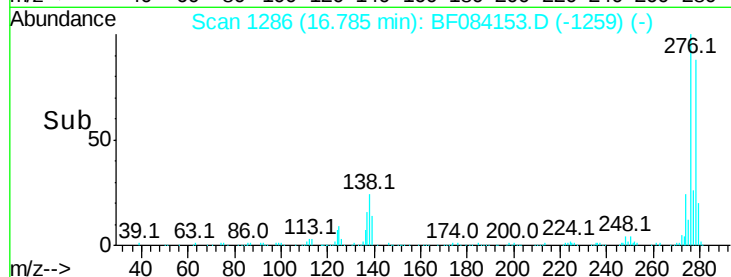
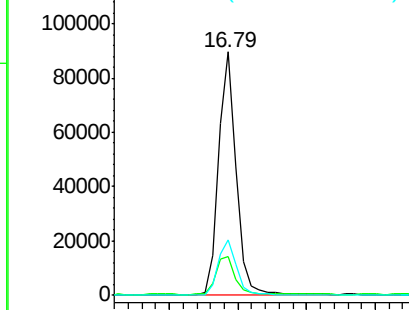
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	15.0	22.4
279	23.0	18.9	28.3

Manual Integrations
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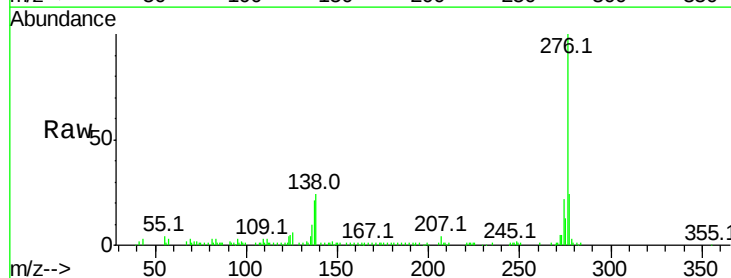


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 29.99 ng
RT: 17.20 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF084153.D
Acq: 26 Dec 2015 2:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.7	17.8	26.6



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

