

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122815\
 Data File : BF084162.D
 Acq On : 28 Dec 2015 18:17
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 12/29/2015 4:53:38 PM

Quant Time: Dec 29 03:58:04 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	6.78	152	54011	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	225574	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	103688	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	173618	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	110900	20.00	ng	-0.01
86) Perylene-d12	15.37	264	115084	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	277175	87.01	ng	-0.02
7) Phenol-d6	6.44	99	338541	85.88	ng	-0.01
23) Nitrobenzene-d5	7.36	82	321388	83.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	84415	76.34	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	630507	83.20	ng	-0.01
78) Terphenyl-d14	12.89	244	466295	76.08	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	55312	42.36	ng	98
3) Pyridine	3.01	79	138687	43.49	ng	97
4) n-Nitrosodimethylamine	2.97	42	56599	40.28	ng	100
6) Aniline	6.44	93	210119	42.17	ng	97
8) 2-Chlorophenol	6.58	128	159770	40.39	ng	87
9) Benzaldehyde	6.33	77	107673	51.07	ng	99
10) Phenol	6.45	94	204876	45.44	ng	96
11) bis(2-Chloroethyl)ether	6.52	93	136624	42.02	ng	98
12) 1,3-Dichlorobenzene	6.72	146	174523m	40.41	ng	
13) 1,4-Dichlorobenzene	6.80	146	182587	42.01	ng	96
14) 1,2-Dichlorobenzene	6.96	146	167574	41.84	ng	95
15) Benzyl Alcohol	6.93	79	126369	42.33	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.07	45	134261	42.27	ng	73
17) 2-Methylphenol	7.06	107	129149	42.51	ng	# 92
18) Hexachloroethane	7.29	117	63755	40.19	ng	# 87
19) n-Nitroso-di-n-propylamine	7.21	70	109368	45.04	ng	95
20) 3+4-Methylphenols	7.22	107	166209	42.89	ng	# 46
22) Acetophenone	7.20	105	222690	39.51	ng	# 92
24) Nitrobenzene	7.37	77	146326	35.76	ng	93
25) Isophorone	7.61	82	273149	38.32	ng	97
26) 2-Nitrophenol	7.69	139	87788	41.92	ng	# 83
27) 2,4-Dimethylphenol	7.73	122	133477	38.40	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	181936	43.78	ng	99
29) 2,4-Dichlorophenol	7.94	162	140043	43.38	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	133855	37.84	ng	# 94
31) Naphthalene	8.09	128	451391	37.61	ng	100
32) Benzoic acid	7.88	122	44713	26.83	ng	97
33) 4-Chloroaniline	8.14	127	197503	41.36	ng	97
34) Hexachlorobutadiene	8.21	225	82244	40.76	ng	98
35) Caprolactam	8.52	113	35302	39.43	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	140626	38.74	ng	93
37) 2-Methylnaphthalene	8.78	142	326502	43.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	131642	40.27	ng	98
40) Hexachlorocyclopentadiene	8.93	237	7149	17.59	ng	94

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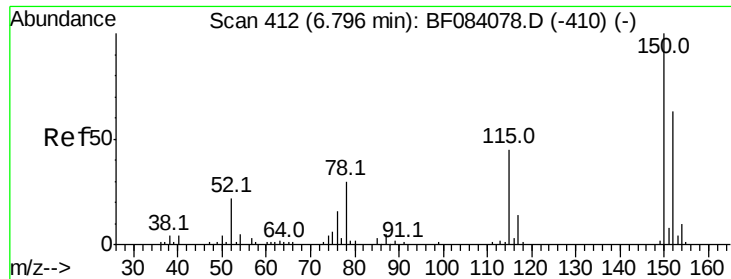
Manual Integrations
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 12/29/2015 4:53:38 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	82864	38.88	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	90195	42.28	nq #	83
45) 1,1'-Biphenyl	9.24	154	351185	37.49	nq	99
46) 2-Chloronaphthalene	9.28	162	273946	38.47	nq #	90
47) 2-Nitroaniline	9.37	65	74314	39.27	nq	97
48) Acenaphthylene	9.69	152	438846	37.52	nq	100
49) Dimethylphthalate	9.55	163	321798	37.47	nq #	91
50) 2,6-Dinitrotoluene	9.62	165	69516	38.14	nq	91
51) Acenaphthene	9.86	154	258781	38.05	nq	99
52) 3-Nitroaniline	9.79	138	82105	41.97	nq #	69
53) 2,4-Dinitrophenol	9.90	184	15965	33.16	nq #	70
54) Dibenzofuran	10.03	168	389076	41.59	nq	97
55) 4-Nitrophenol	9.97	139	34274m	34.33	nq	
56) 2,4-Dinitrotoluene	10.02	165	85475	35.52	nq #	70
57) Fluorene	10.37	166	310843	39.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	68111	44.79	nq	88
59) Diethylphthalate	10.25	149	343389	39.37	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	143208	39.06	nq	99
61) 4-Nitroaniline	10.40	138	71501	39.55	nq	96
62) Azobenzene	10.52	77	315311	43.87	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	32475	33.70	nq	83
65) n-Nitrosodiphenylamine	10.48	169	250965	40.55	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	80365	39.96	nq	97
67) Hexachlorobenzene	10.92	284	90884	41.27	nq #	92
68) Atrazine	11.01	200	82594	44.31	nq	96
69) Pentachlorophenol	11.13	266	21312	34.31	nq	100
70) Phenanthrene	11.33	178	400280	38.89	nq	99
71) Anthracene	11.38	178	399625	37.13	nq	100
72) Carbazole	11.54	167	375870	41.05	nq	99
73) Di-n-butylphthalate	11.87	149	470075	39.85	nq	99
74) Fluoranthene	12.52	202	356523	30.44	nq	94
76) Benzidine	12.64	184	154475	40.98	nq	98
77) Pyrene	12.75	202	348811	36.46	nq	98
79) Butylbenzylphthalate	13.36	149	160553	40.54	nq	95
80) Benzo(a)anthracene	13.94	228	258870	37.95	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	102324	49.53	nq #	98
82) Chrysene	13.97	228	242275	38.51	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	200669	39.21	nq	99
84) Di-n-octyl phthalate	14.52	149	339337	47.12	nq	98
85) Indeno(1,2,3-cd)pyrene	16.76	276	344183	54.64	nq	100
87) Benzo(b)fluoranthene	14.97	252	288405m	33.75	nq	
88) Benzo(k)fluoranthene	14.99	252	251053m	43.35	nq	
89) Benzo(a)pyrene	15.31	252	267259	37.96	nq	99
90) Dibenzo(a,h)anthracene	16.76	278	284153	41.35	nq #	94
91) Benzo(g,h,i)perylene	17.17	276	289243	41.24	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 54011

Ion Ratio Lower Upper

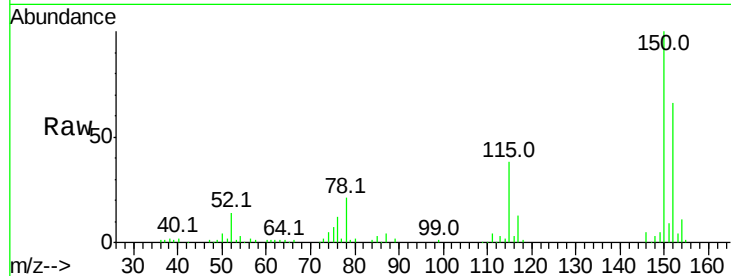
152 100

150 151.0 123.0 184.4

115 56.9 51.4 77.2

Manual Integrations
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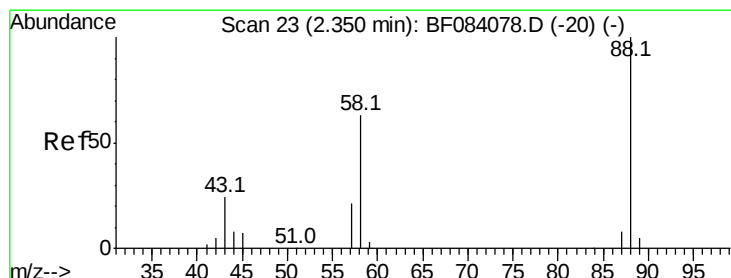
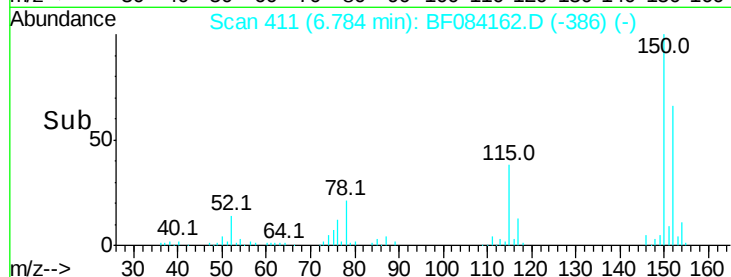
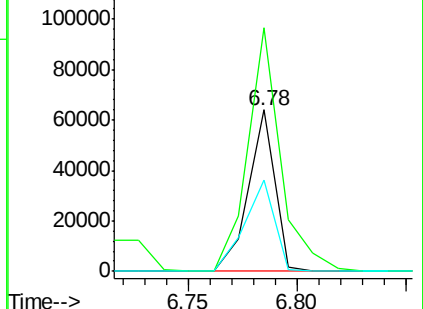
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.36 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.06 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

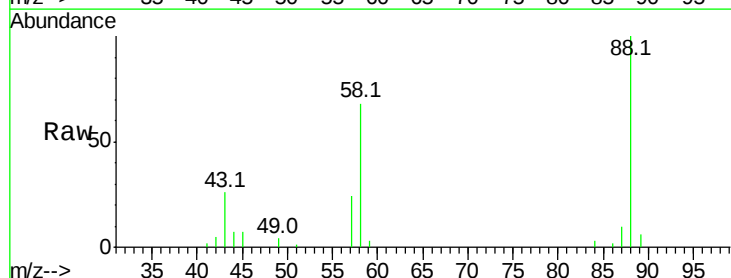
Tgt Ion: 88 Resp: 55312

Ion Ratio Lower Upper

88 100

58 62.4 51.2 76.8

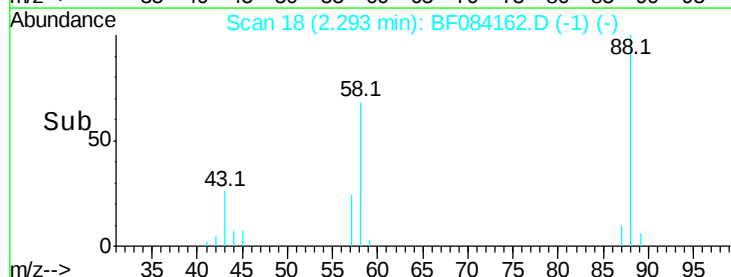
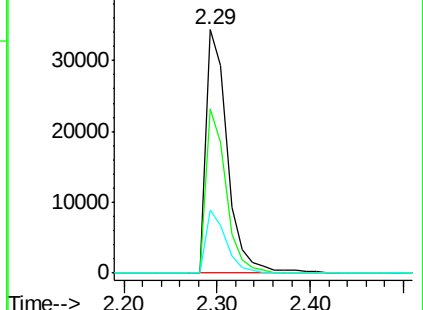
43 23.8 19.5 29.3

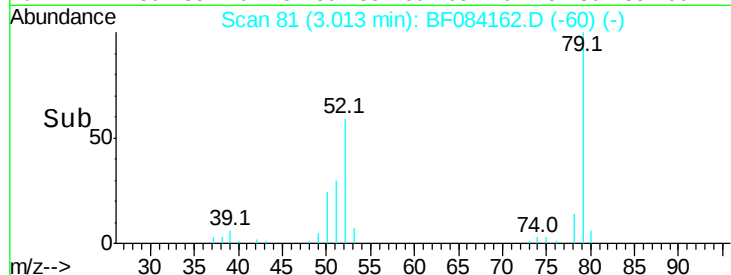
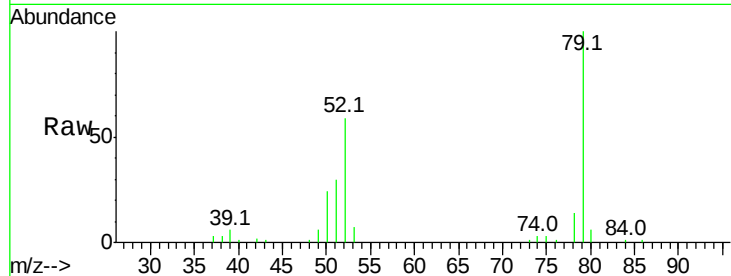
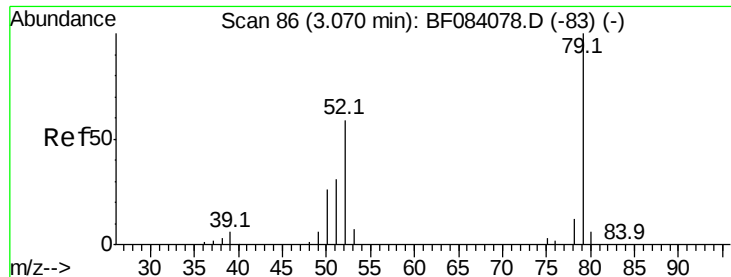


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





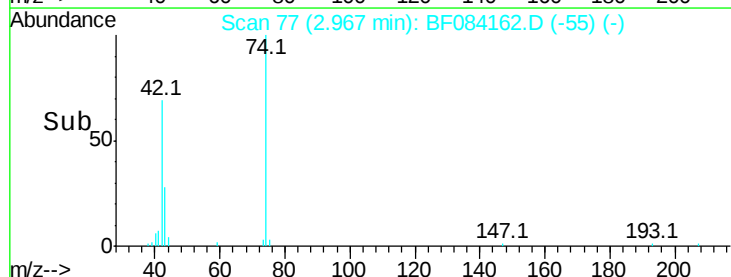
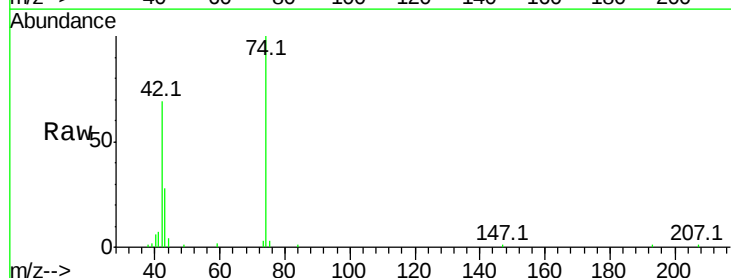
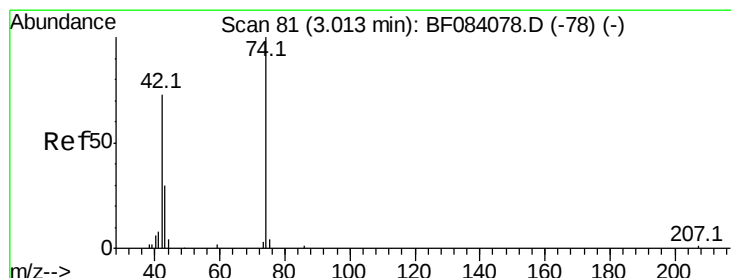
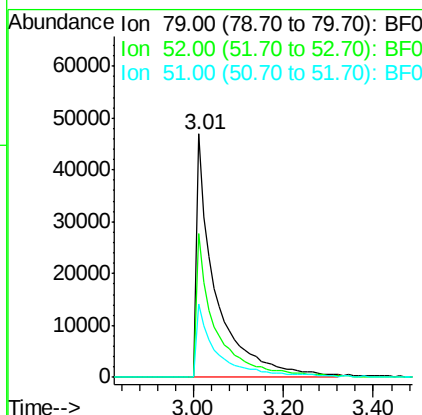
#3
Pvridine
Concen: 43.49 ng
RT: 3.01 min Scan# 81
Delta R.T. -0.06 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.0	49.0	73.4
51	30.0	25.2	37.8

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BNA_F
ClientSampleId :
SSTDCCC040EC

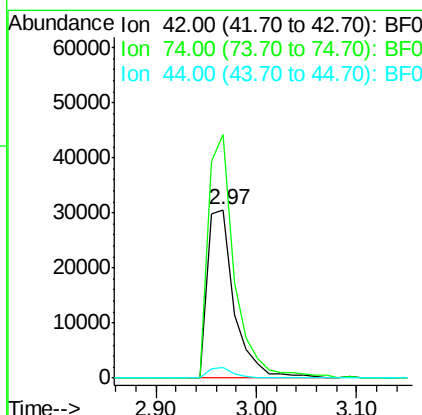
Manual Integrations
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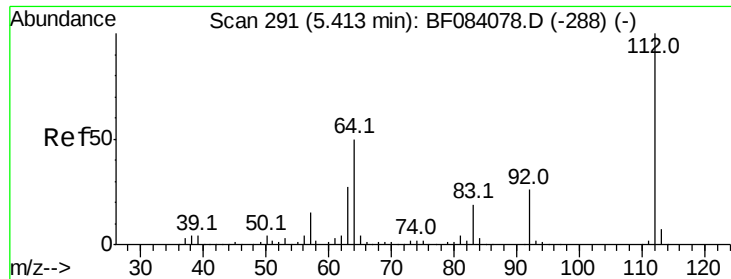
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#4
n-Nitrosodimethylamine
Concen: 40.28 ng
RT: 2.97 min Scan# 77
Delta R.T. -0.05 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.7	115.7	173.5
44	6.2	5.1	7.7





#5

2-Fluorophenol

Concen: 87.01 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

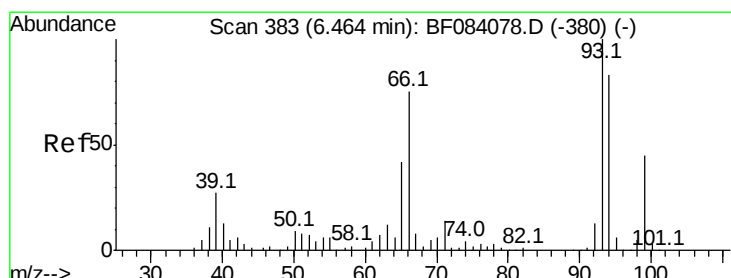
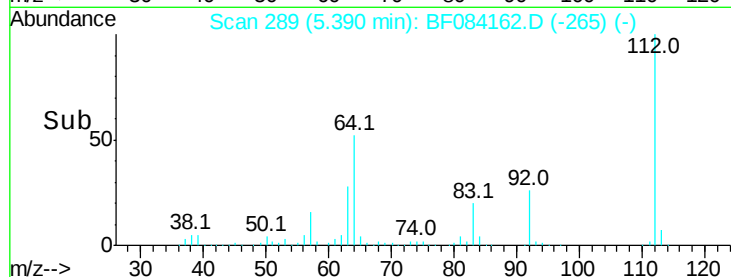
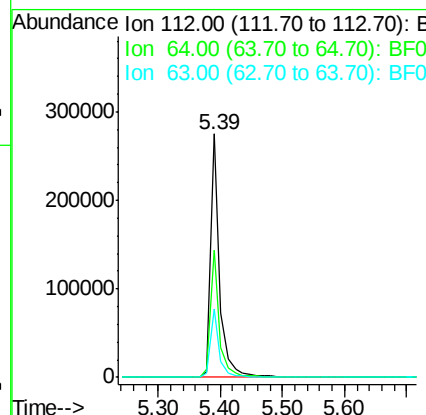
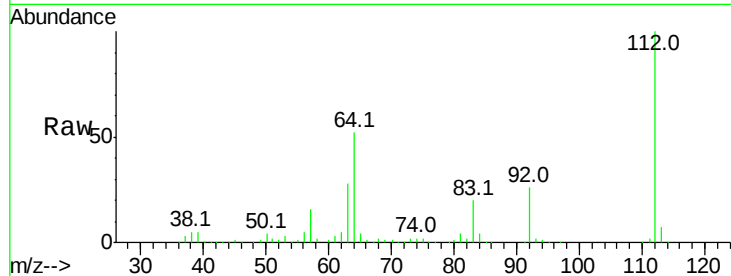
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	277175
Ion Ratio	Lower	Upper	
112	100		
64	52.0	36.6	55.0
63	28.3	19.4	29.0

Manual Integrations
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#6

Aniline

Concen: 42.17 ng

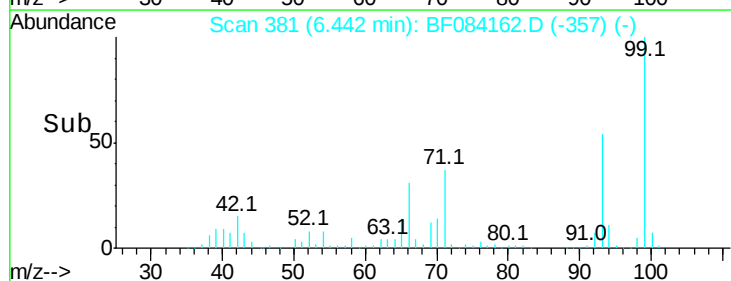
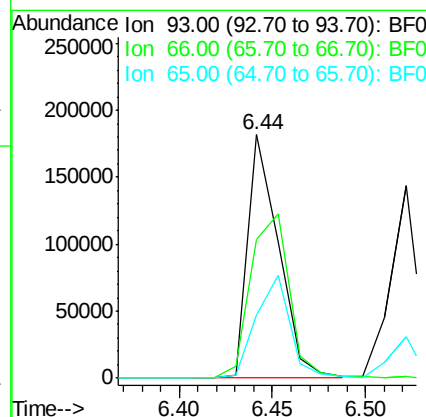
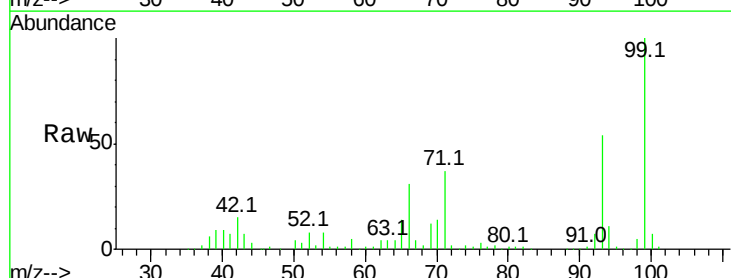
RT: 6.44 min Scan# 381

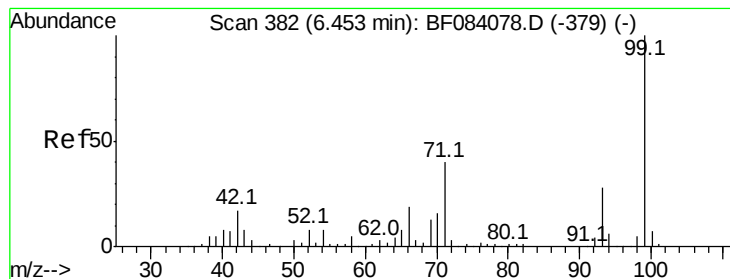
Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	93	Resp:	210119
Ion Ratio	Lower	Upper	
93	100		
66	56.7	44.9	67.3
65	26.1	23.7	35.5





#7

Phenol-d6

Concen: 85.88 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

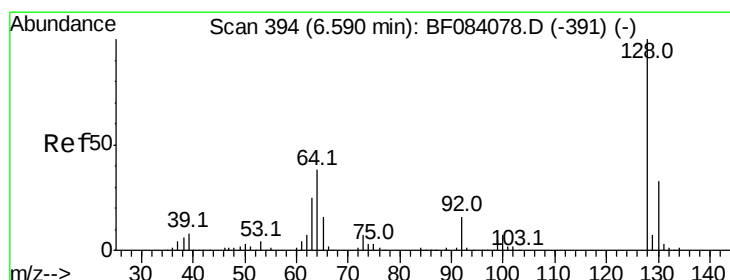
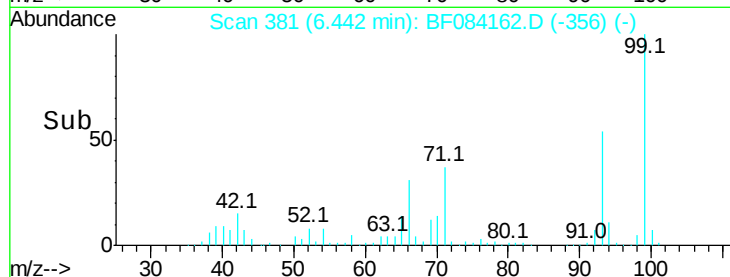
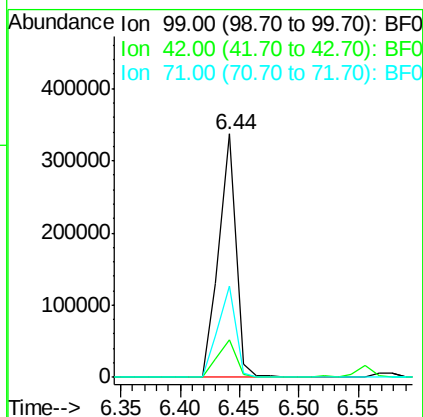
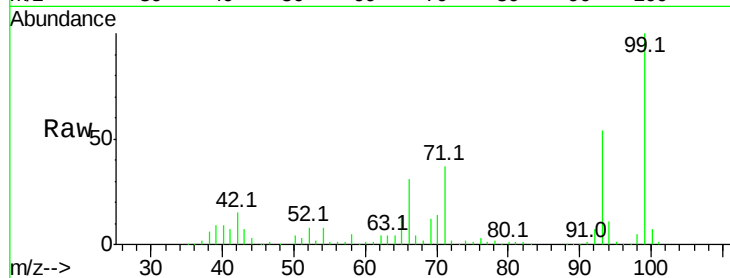
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	338541
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.8	19.2
71	37.5	30.9	46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.39 ng

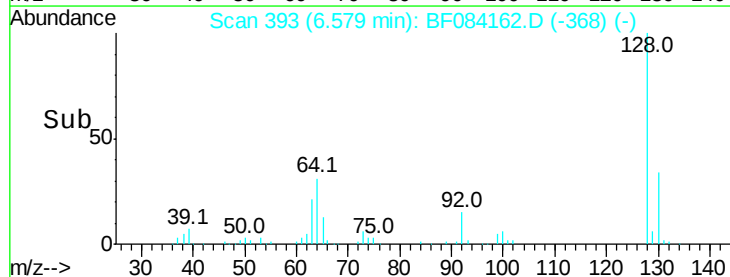
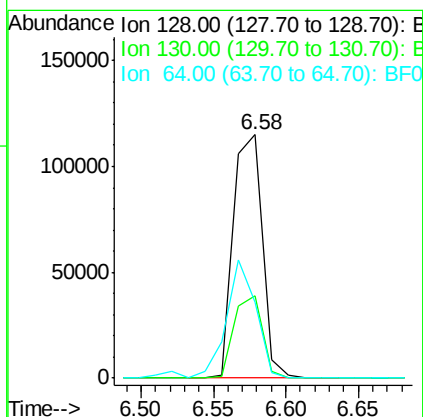
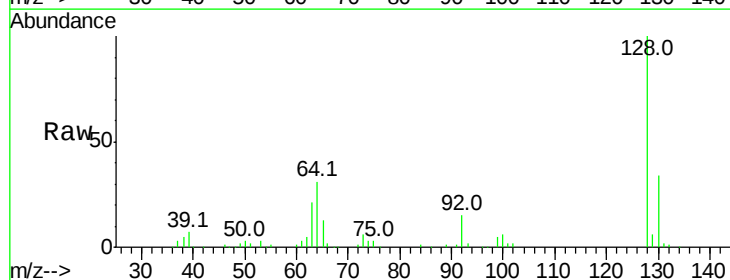
RT: 6.58 min Scan# 393

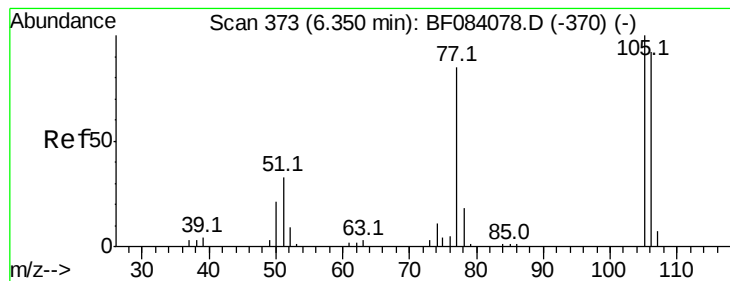
Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	128	Resp:	159770
Ion Ratio	Lower	Upper	
128	100		
130	33.6	11.6	51.6
64	31.0	23.8	63.8





#9

Benzaldehyde

Concen: 51.07 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 107673

Ion Ratio Lower Upper

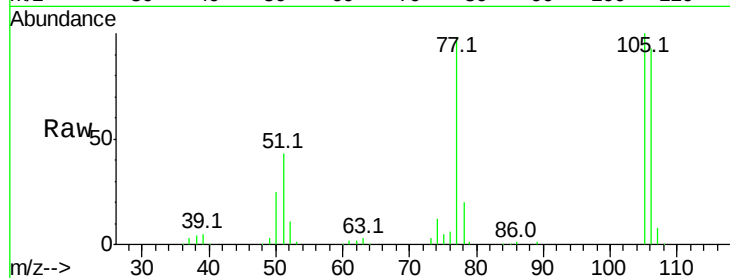
77 100

105 102.1 83.0 123.0

106 94.8 74.6 114.6

Manual Integrations
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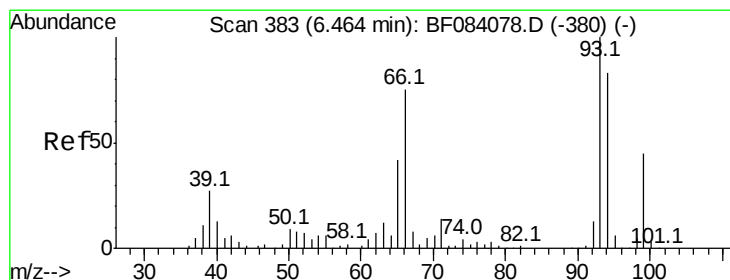
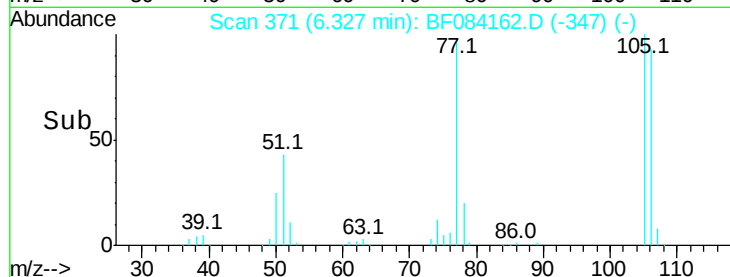
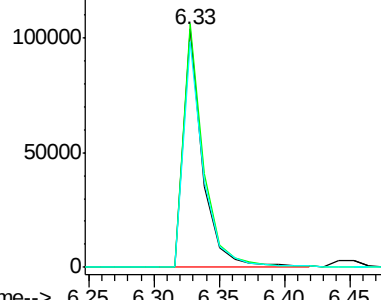
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.44 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

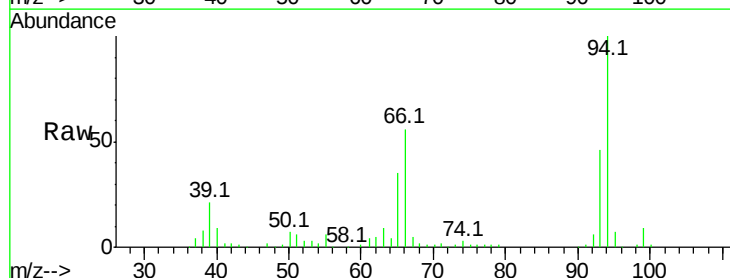
Tgt Ion: 94 Resp: 204876

Ion Ratio Lower Upper

94 100

65 35.2 12.9 52.9

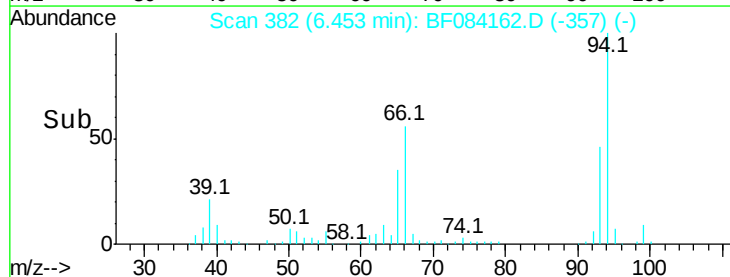
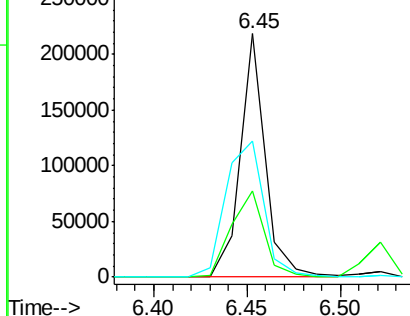
66 55.9 32.7 72.7

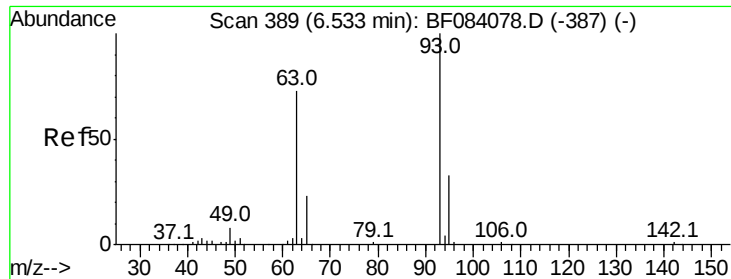


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





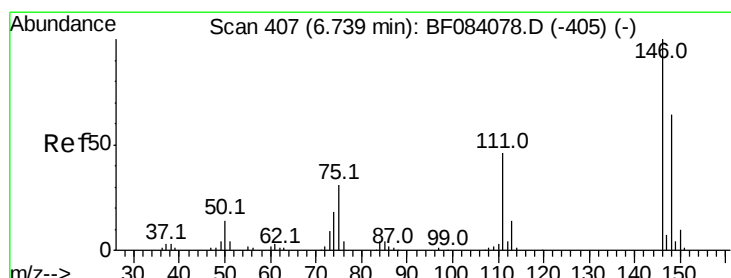
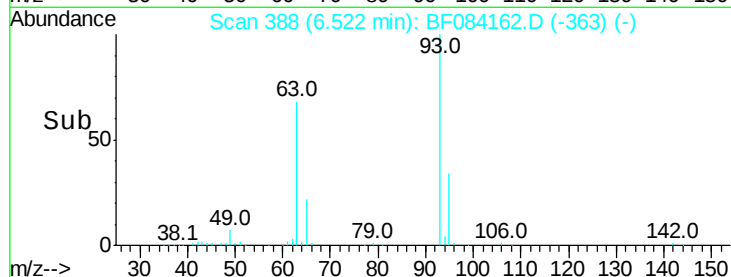
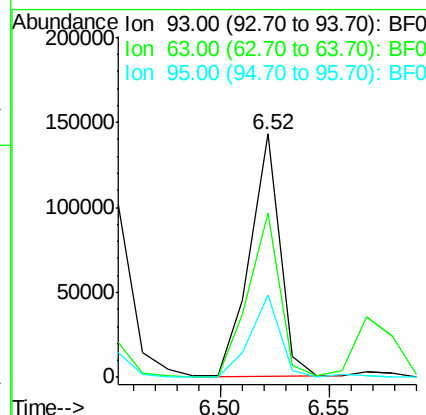
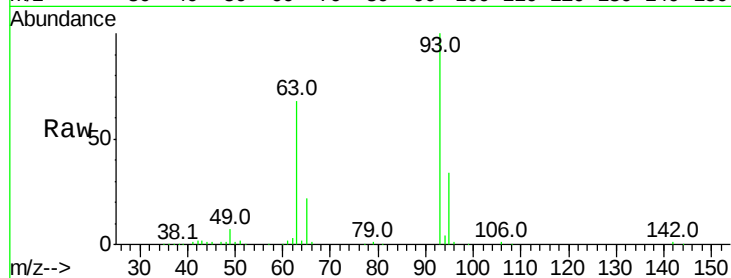
#11
bis(2-Chloroethyl)ether
Concen: 42.02 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	67.6	45.9	85.9	
95	33.7	12.3	52.3	

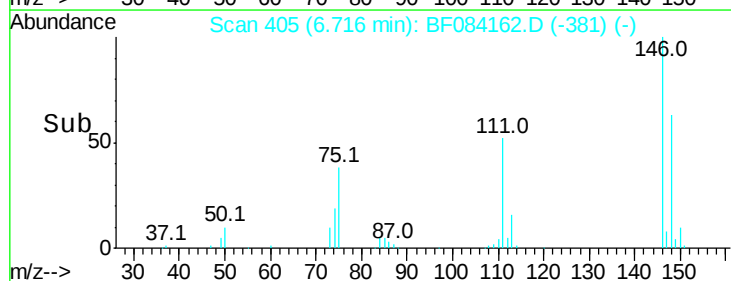
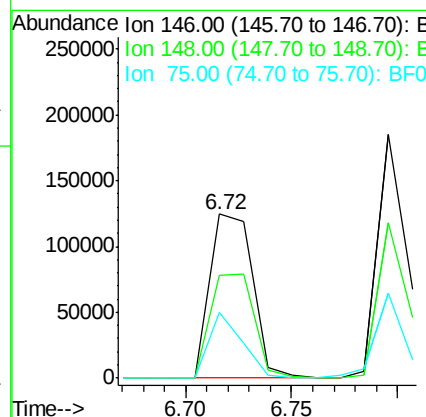
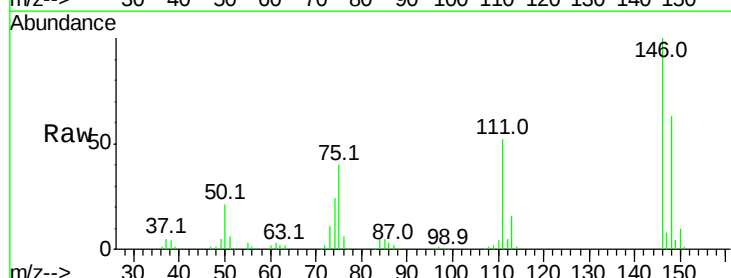
Manual Integrations
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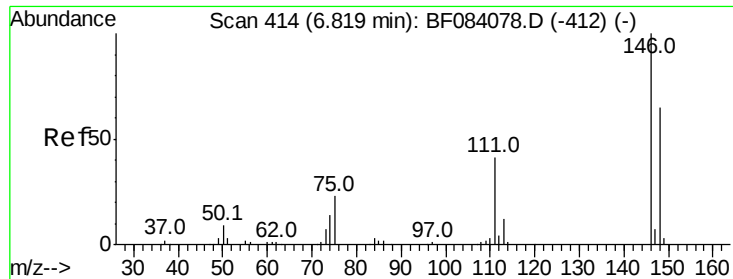
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.41 ng m
RT: 6.72 min Scan# 405
Delta R.T. -0.02 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.0	51.9	77.9	
75	39.8	20.5	30.7#	





#13

1,4-Dichlorobenzene

Concen: 42.01 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

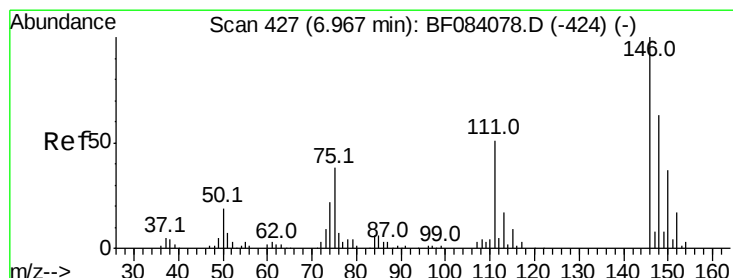
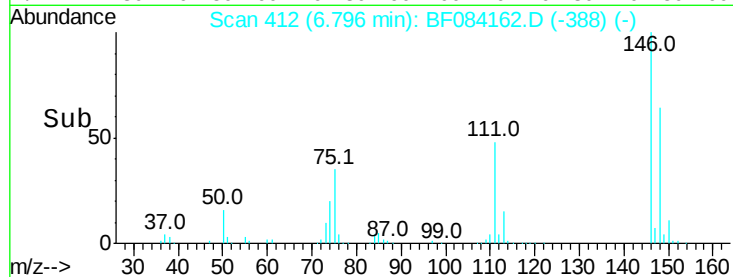
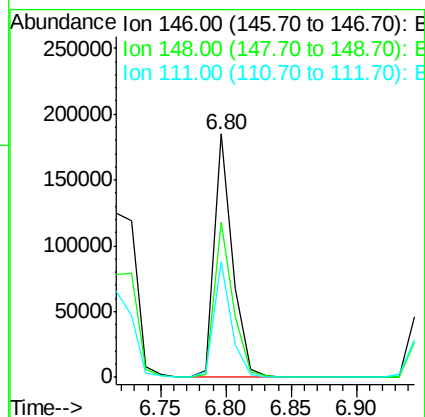
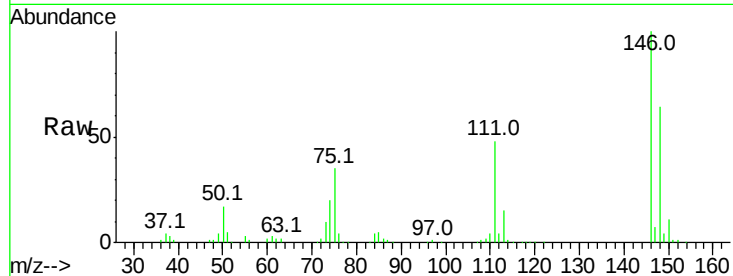
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	182587
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.9	77.9
111	47.5	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 41.84 ng

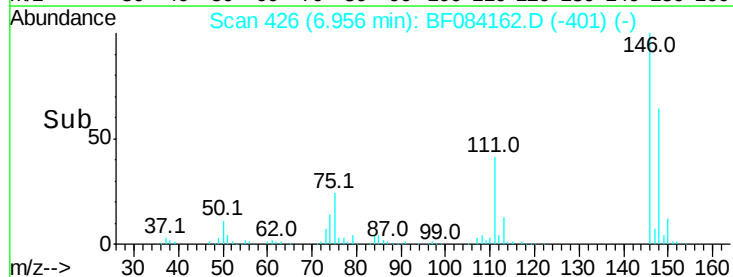
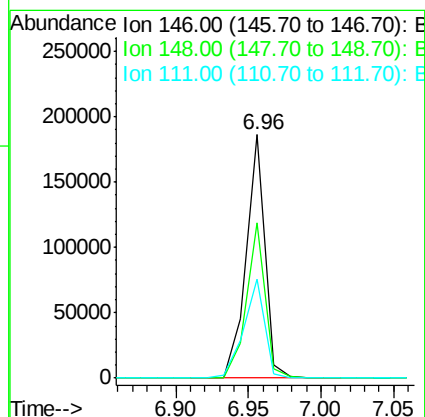
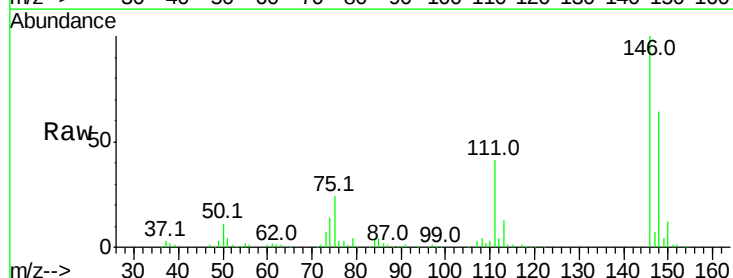
RT: 6.96 min Scan# 426

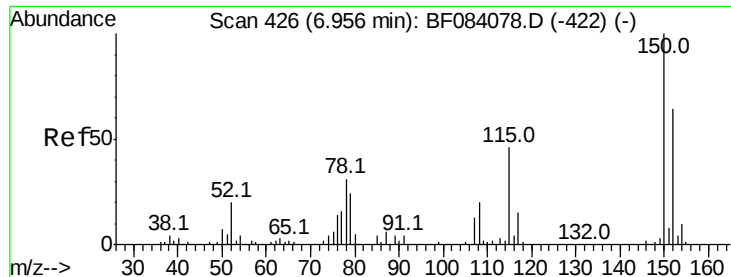
Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	146	Resp:	167574
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.6	77.4
111	40.5	38.0	57.0





#15

Benzyl Alcohol

Concen: 42.33 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 126369

Ion Ratio Lower Upper

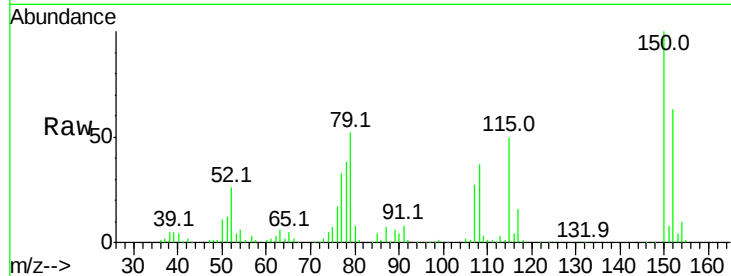
79 100

108 71.4 69.0 103.4

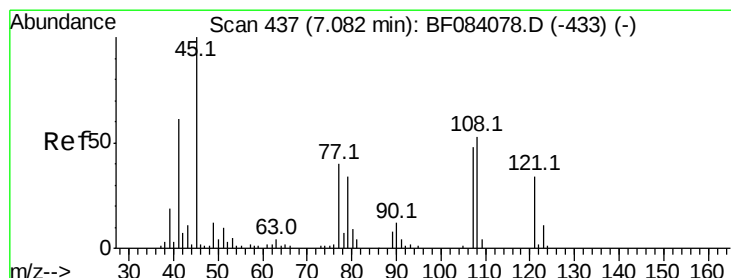
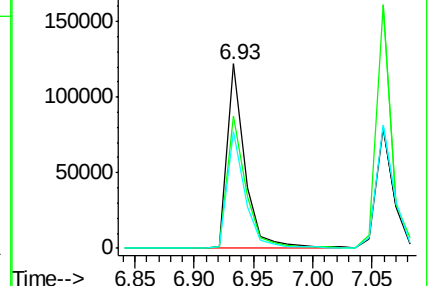
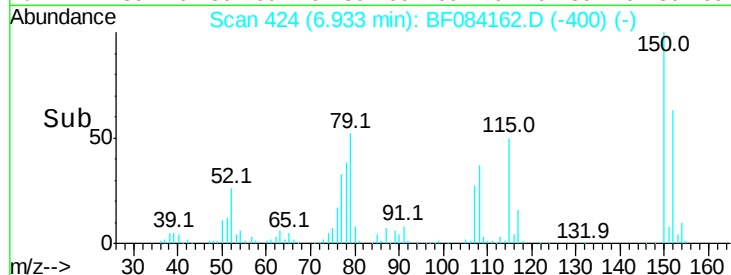
77 63.5 50.0 75.0

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.27 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

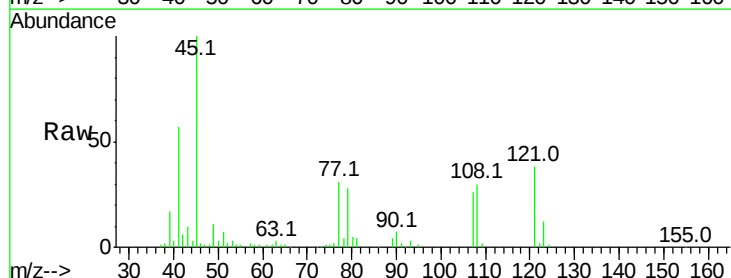
Tgt Ion: 45 Resp: 134261

Ion Ratio Lower Upper

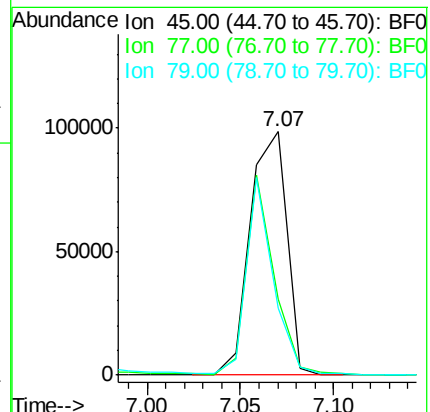
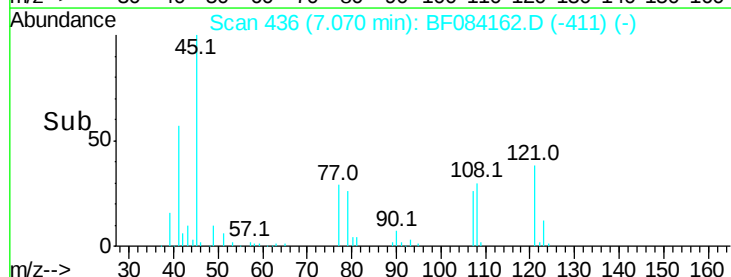
45 100

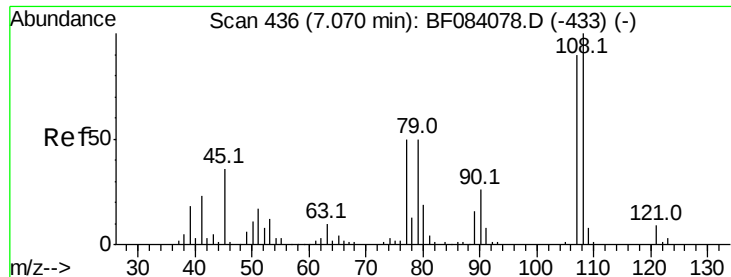
77 31.1 0.0 39.6

79 27.6 0.0 35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.51 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

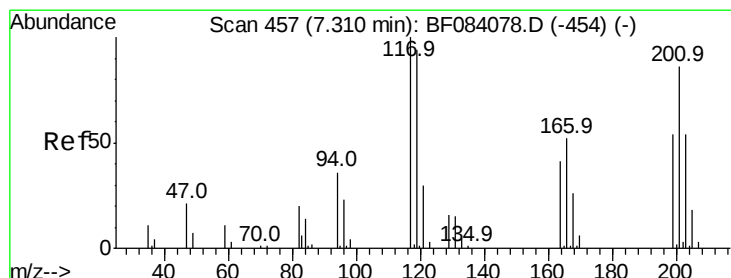
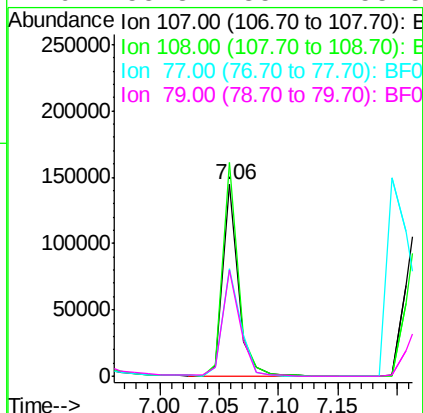
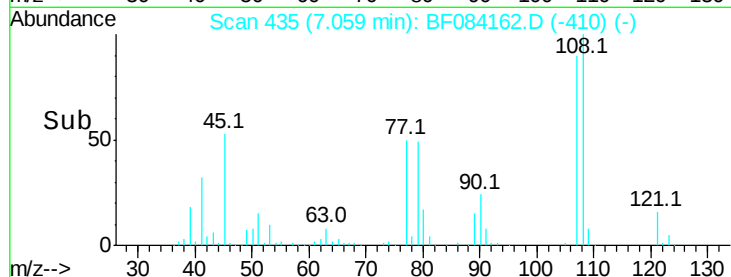
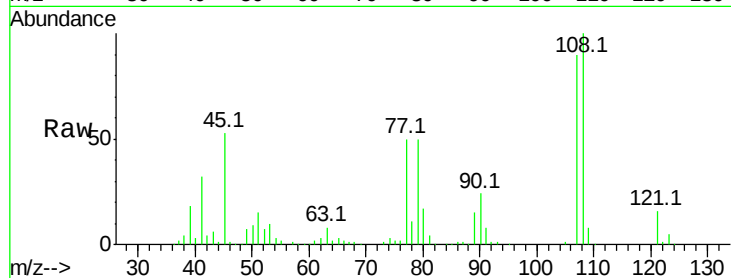
ClientSampleID :

SSTDCCC040EC

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Tot Ion:	107	Resp:	129149
Ion Ratio	Lower	Upper	
107	100		
108	111.3	89.8	134.6
77	56.1	35.7	53.5#
79	55.3	35.7	53.5#



#18

Hexachloroethane

Concen: 40.19 ng

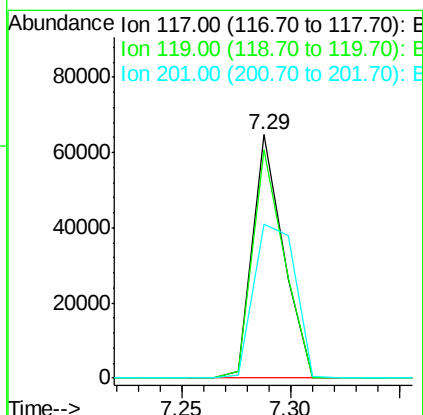
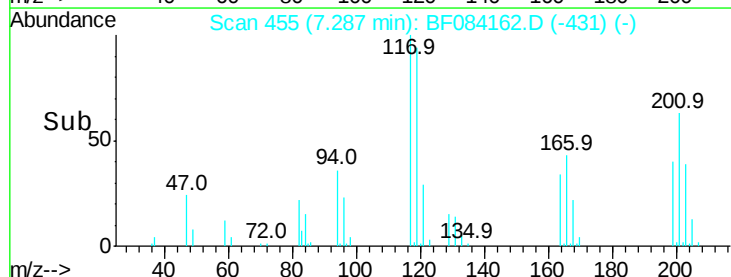
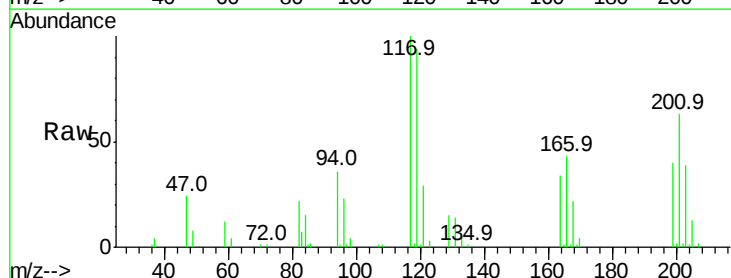
RT: 7.29 min Scan# 455

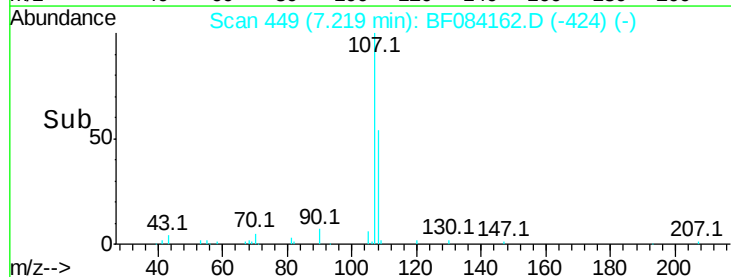
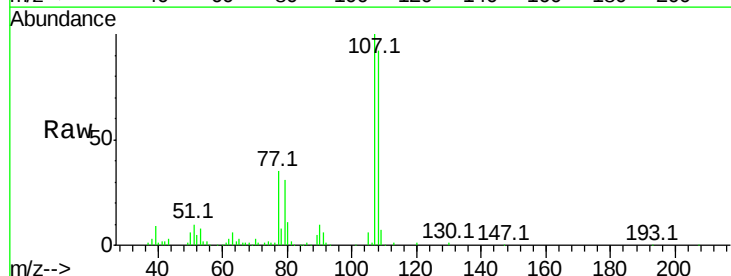
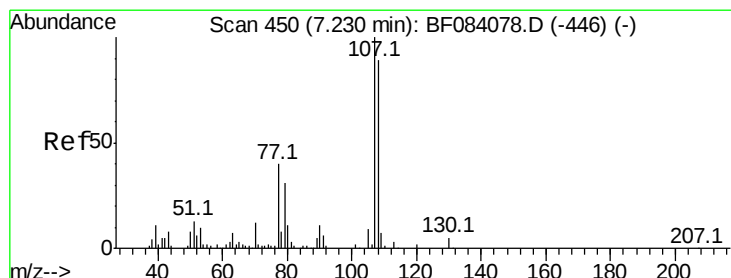
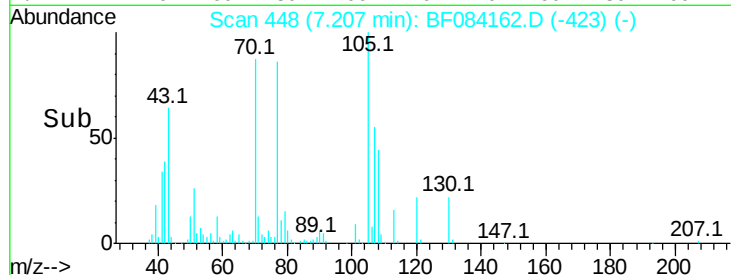
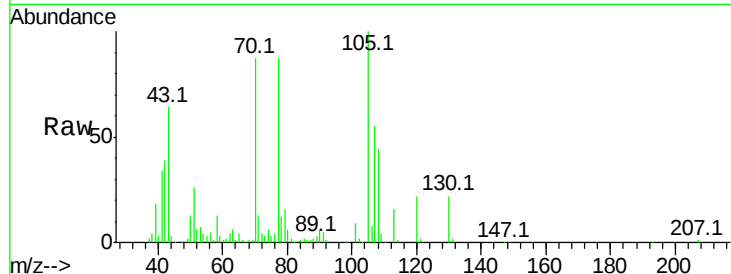
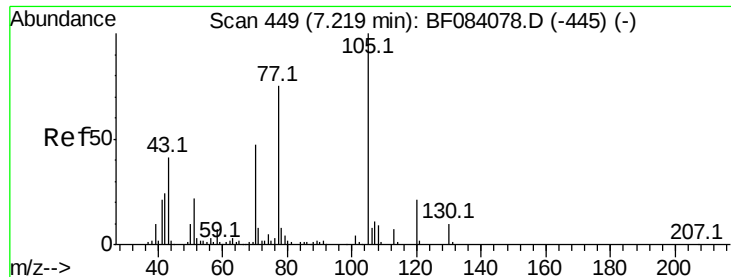
Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	117	Resp:	63755
Ion Ratio	Lower	Upper	
117	100		
119	93.8	77.4	116.0
201	63.1	68.6	103.0#





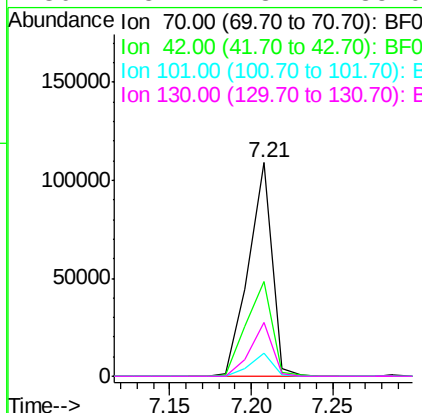
#19
n-Nitroso-di-n-propylamine
Concen: 45.04 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.2	33.3	49.9
101	10.8	9.3	13.9
130	25.2	23.4	35.0

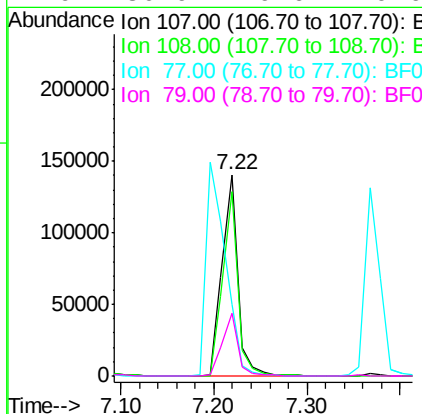
Manual Integrations
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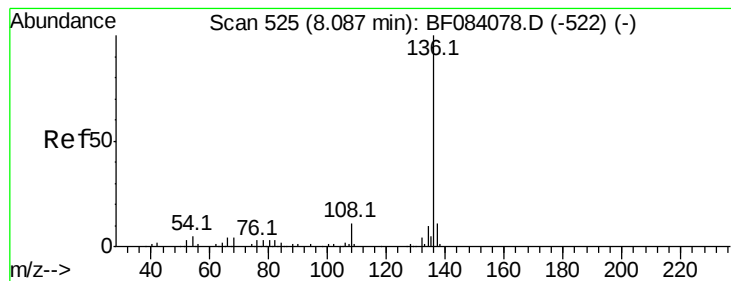
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#20
3+4-Methylphenols
Concen: 42.89 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	64.1	104.1
77	35.4	128.9	168.9#
79	30.9	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF084162.D

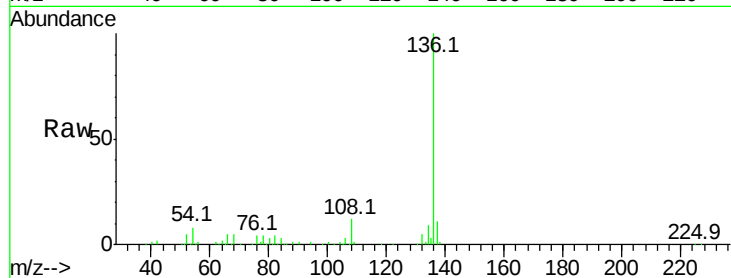
Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tot Ion:136 Resp: 225574

Ion Ratio Lower Upper

136 100

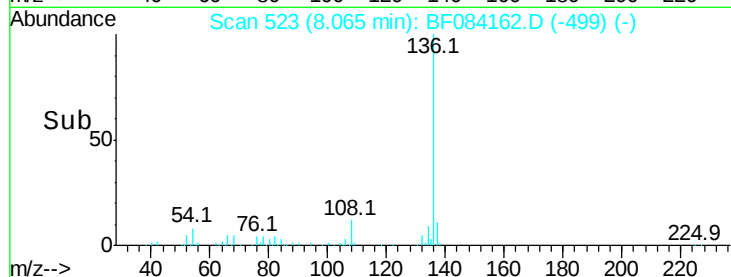
137 11.2 8.7 13.1

54 7.6 5.8 8.8

68 5.3 4.2 6.2

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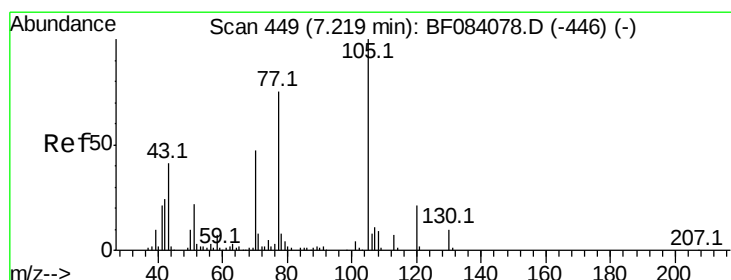
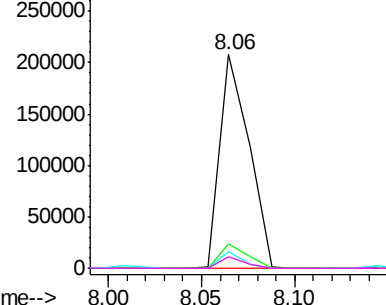


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

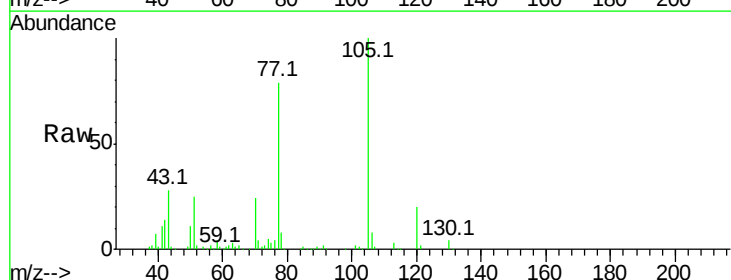
Concen: 39.51 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17



Tgt Ion:105 Resp: 222690

Ion Ratio Lower Upper

105 100

71 4.0 3.7 5.5

51 24.6 25.1 37.7#

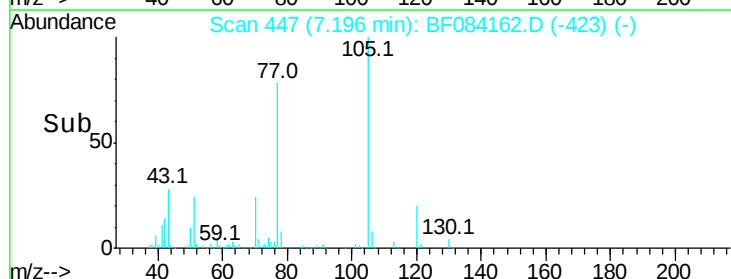
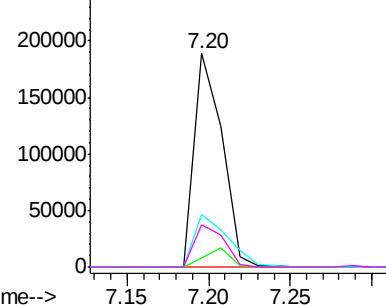
120 19.7 16.6 25.0

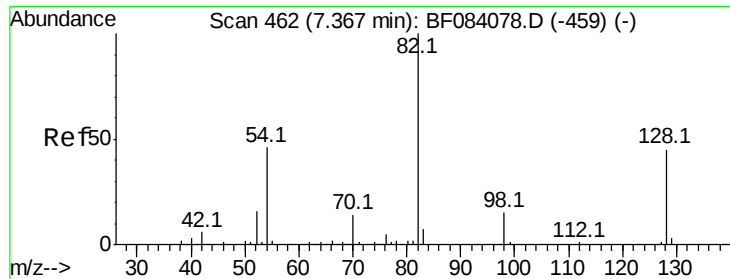
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





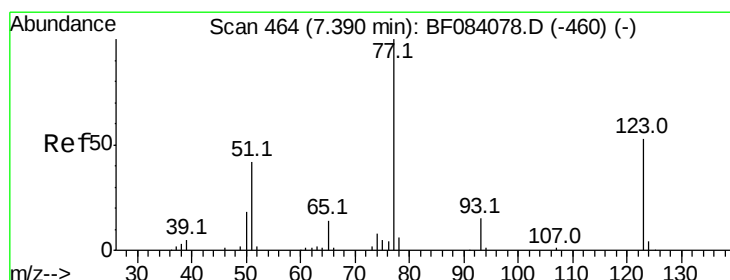
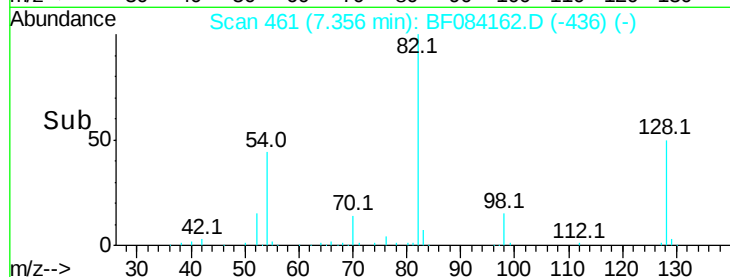
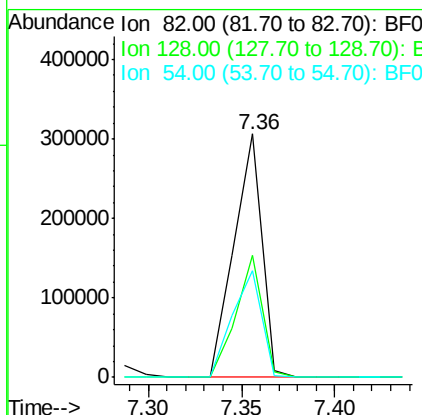
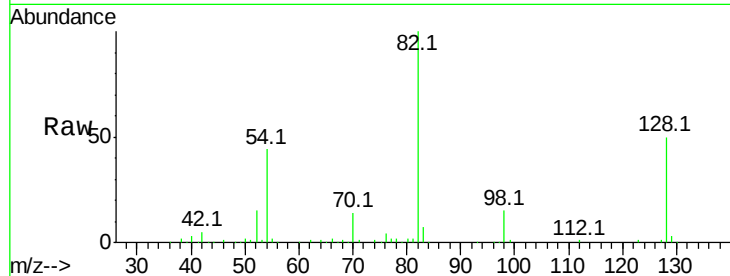
#23
Nitrobenzene-d5
Concen: 83.40 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.1	34.6	51.8	
54	44.1	38.4	57.6	

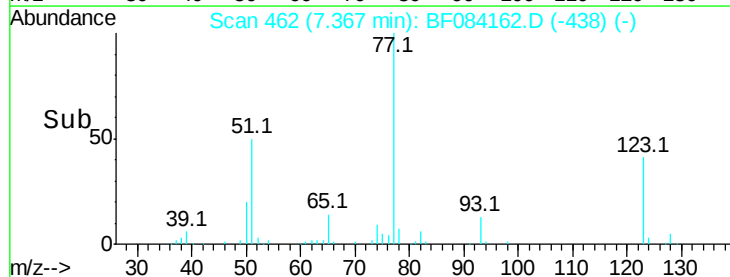
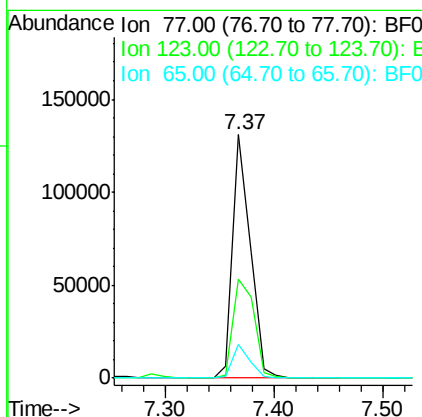
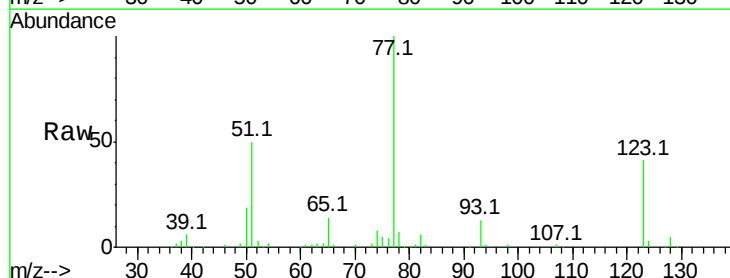
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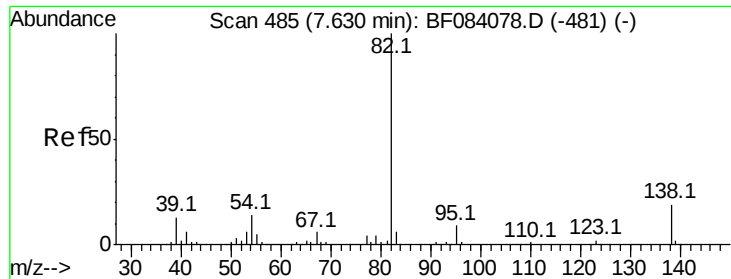
Sohil
12/29/2015 4:53:38 PM



#24
Nitrobenzene
Concen: 35.76 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.6	37.4	56.2	
65	13.9	10.9	16.3	





#25

Isophorone

Concen: 38.32 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

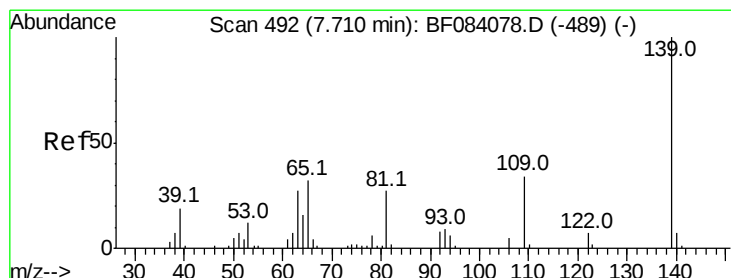
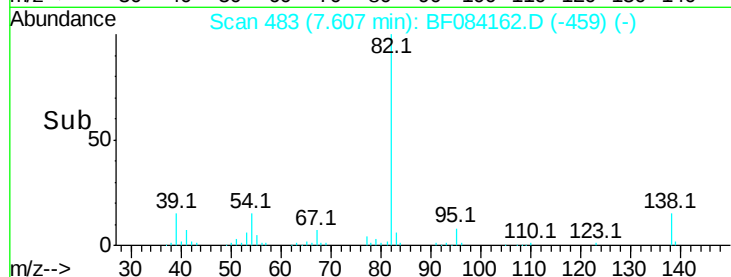
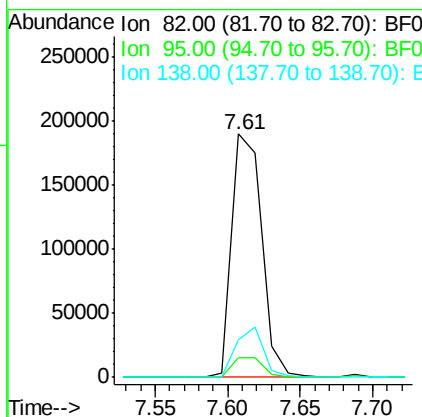
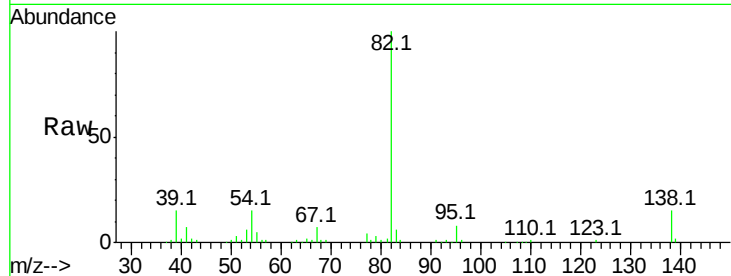
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	273149
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.6	10.0
138	15.2	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.92 ng

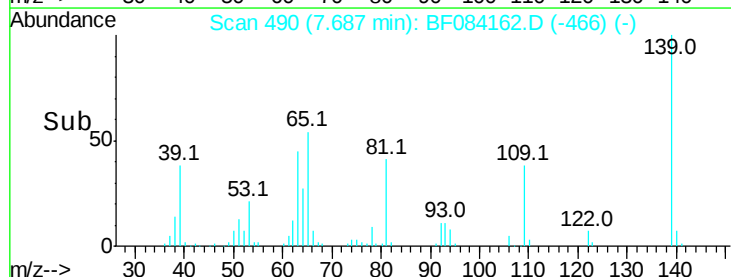
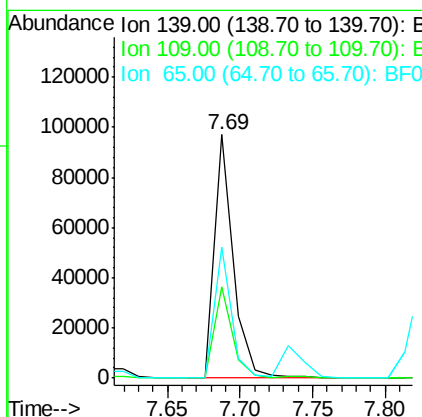
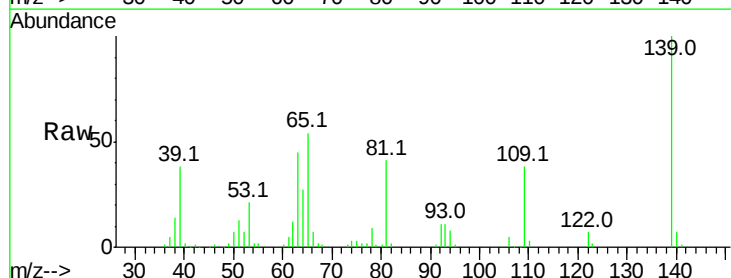
RT: 7.69 min Scan# 490

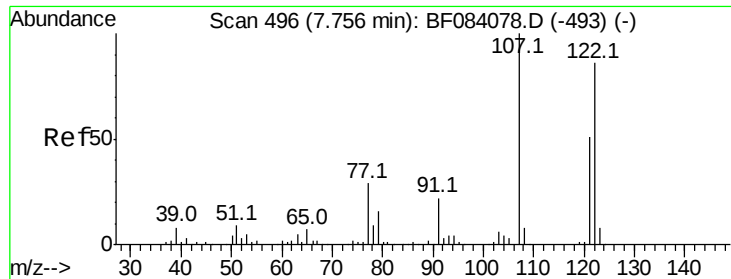
Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	139	Resp:	87788
Ion Ratio	Lower	Upper	
139	100		
109	37.6	25.4	38.2
65	53.7	32.3	48.5#





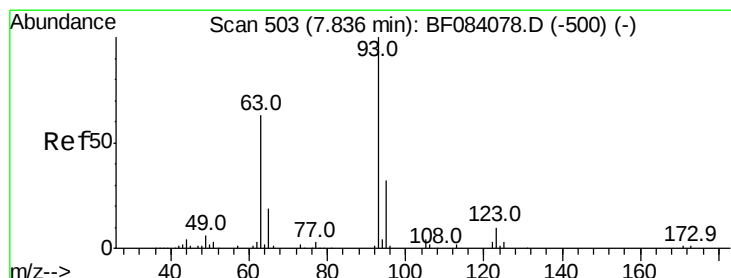
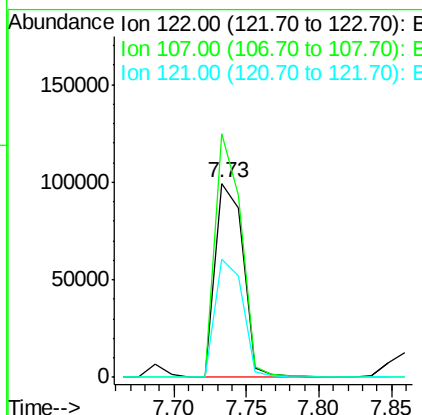
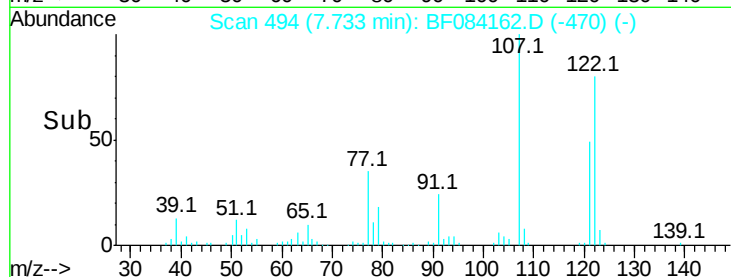
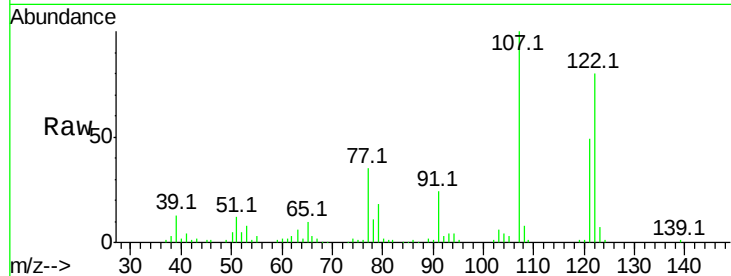
#27
 2,4-Dimethylphenol
 Concen: 38.40 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	122	Resp:	133477
Ion Ratio	Lower	Upper	
122	100		
107	125.4	99.1	148.7
121	61.0	47.9	71.9

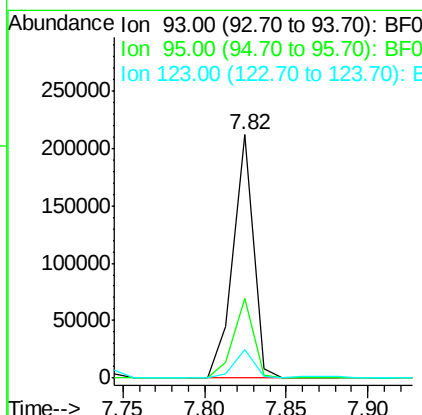
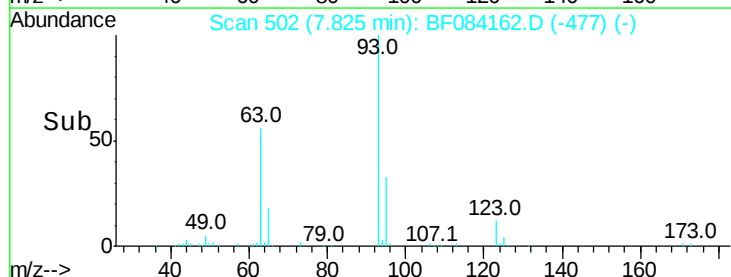
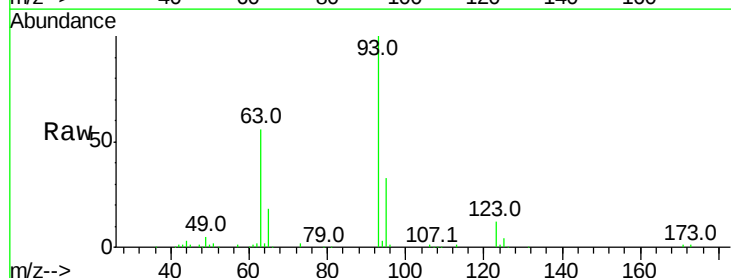
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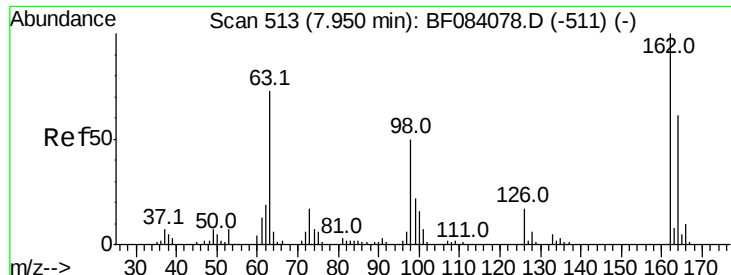
Sohil
 12/29/2015 4:53:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.78 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion:	93	Resp:	181936
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.8	38.6
123	11.7	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 43.38 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

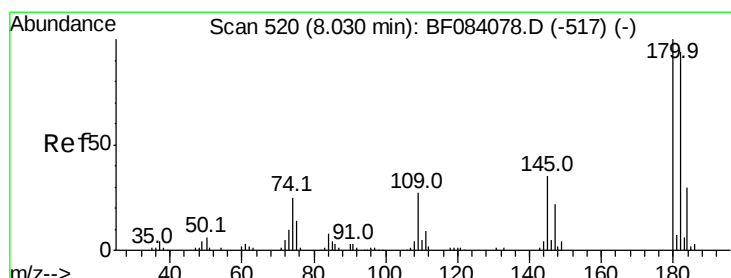
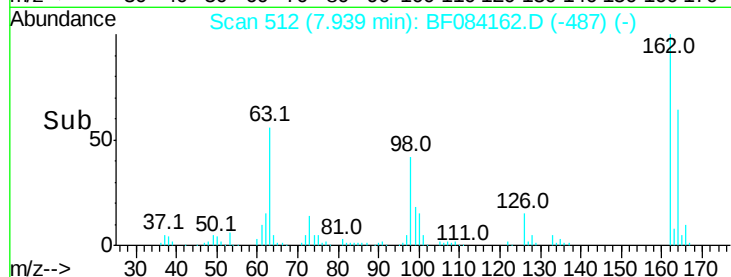
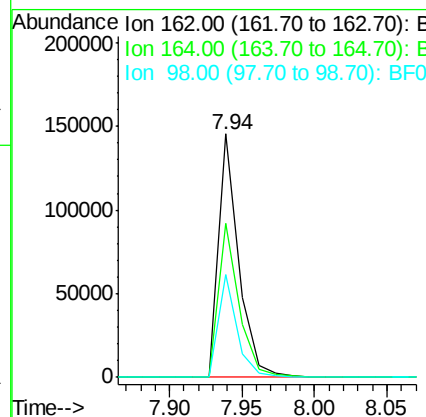
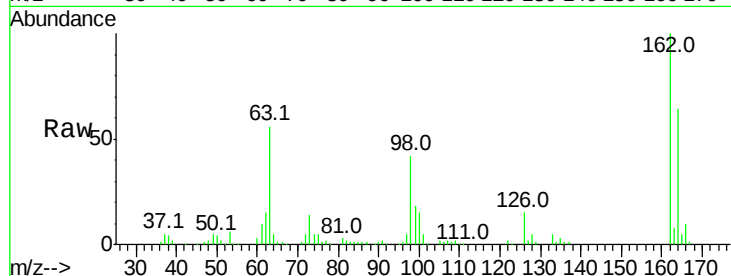
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	140043
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.1	84.1
98	42.0	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 37.84 ng

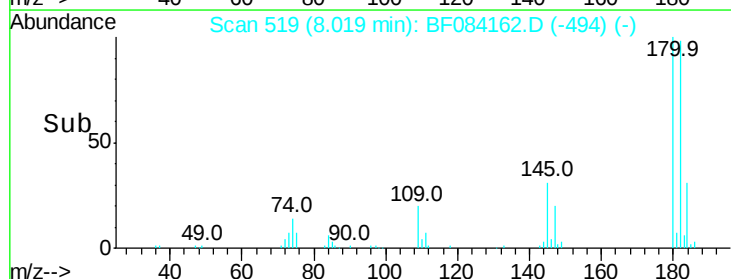
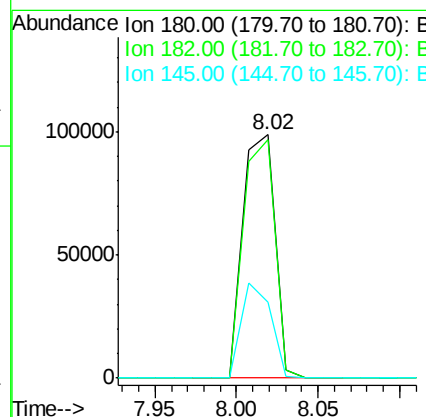
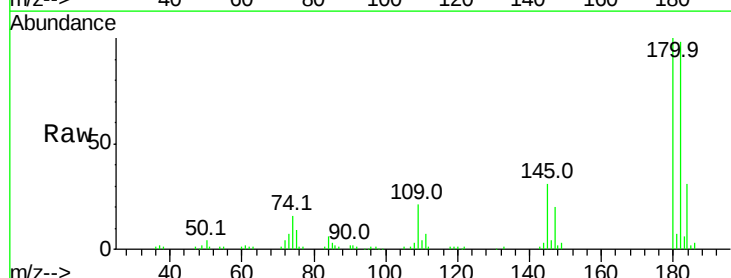
RT: 8.02 min Scan# 519

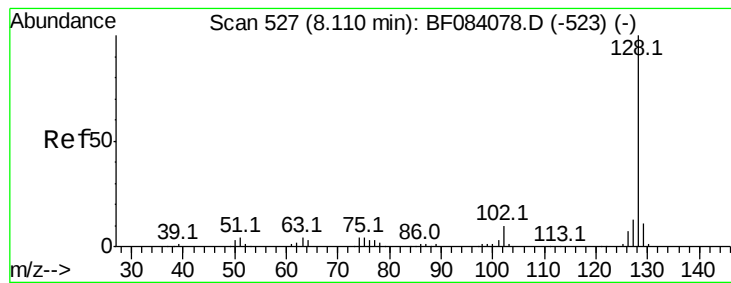
Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	180	Resp:	133855
Ion Ratio	Lower	Upper	
180	100		
182	97.9	76.4	114.6
145	31.3	31.6	47.4#





#31

Naphthalene

Concen: 37.61 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

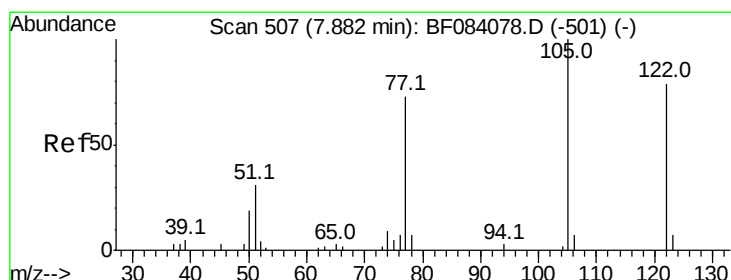
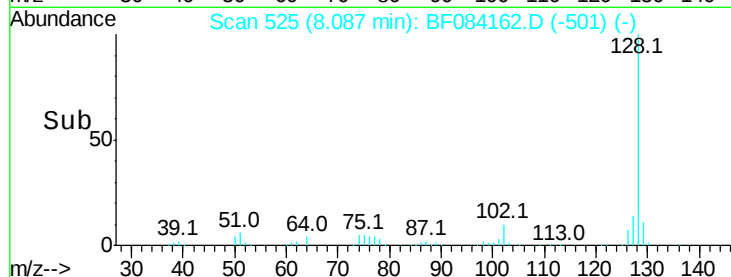
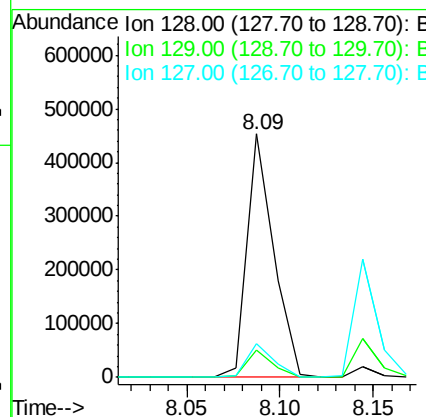
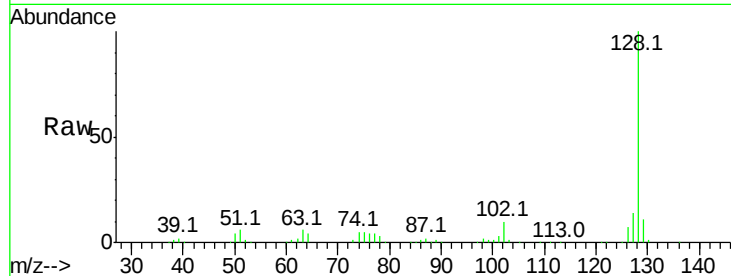
ClientSampleId :

SSTDCCC040EC

Tot Ion:	128	Resp:	451391
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.1	13.7
127	13.7	11.1	16.7

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#32

Benzoic acid

Concen: 26.83 ng

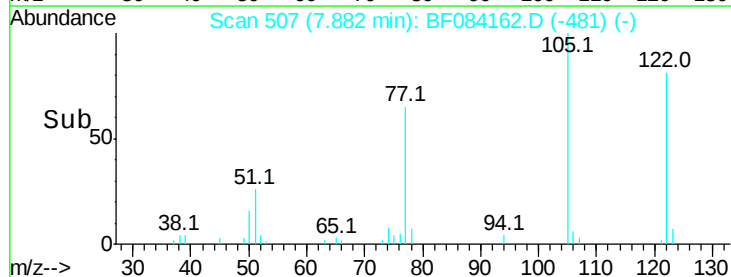
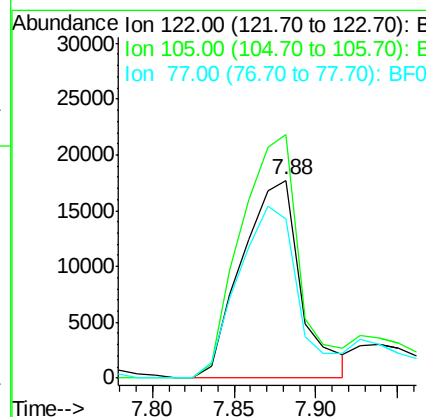
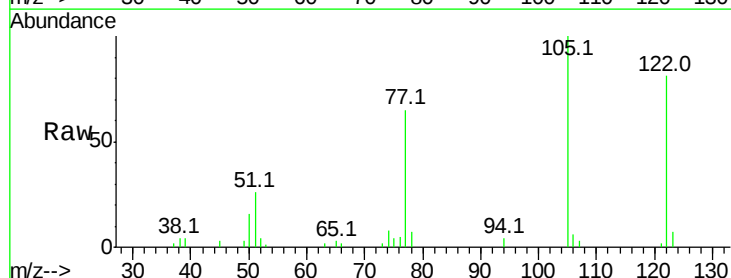
RT: 7.88 min Scan# 507

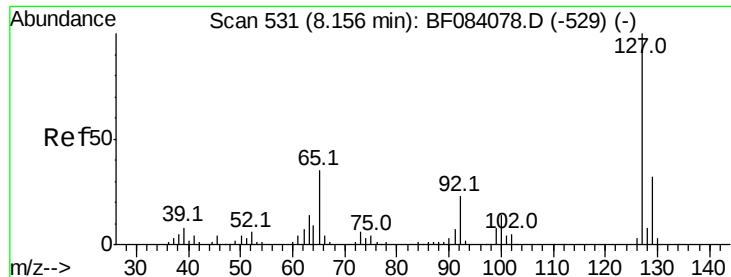
Delta R.T. 0.00 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	122	Resp:	44713
Ion Ratio	Lower	Upper	
122	100		
105	123.1	100.3	140.3
77	80.3	63.5	103.5





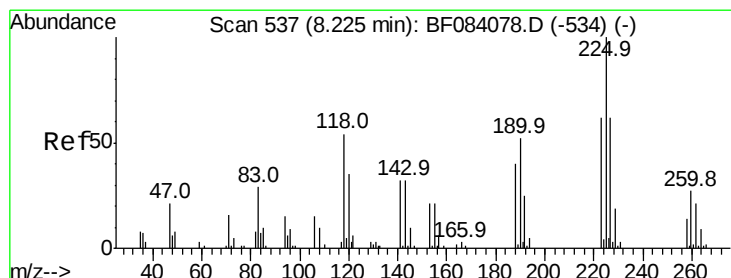
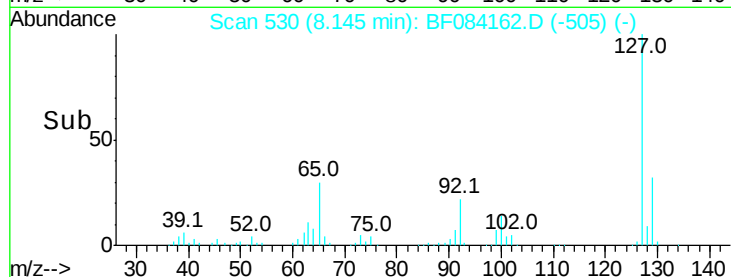
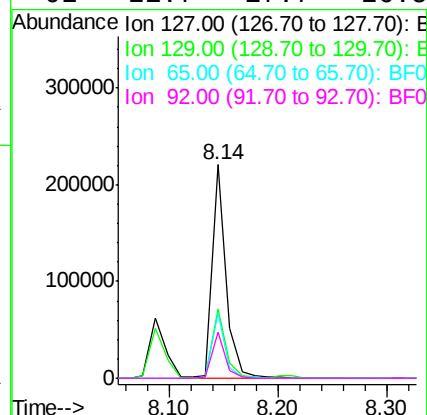
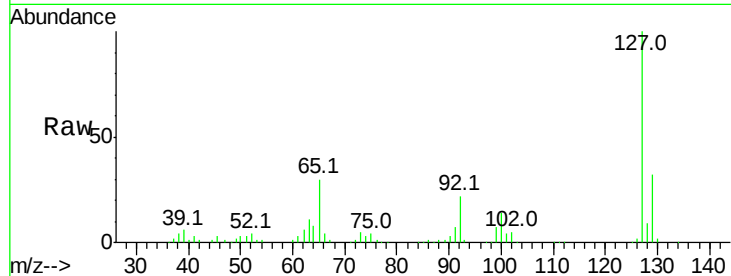
#33
4-Chloroaniline
Concen: 41.36 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		197503		
129	32.3	26.5	39.7		
65	30.4	27.2	40.8		
92	21.7	17.7	26.5		

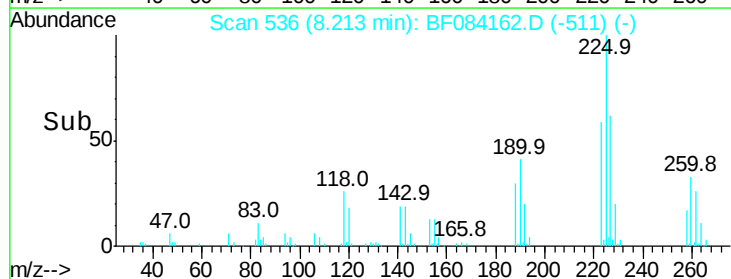
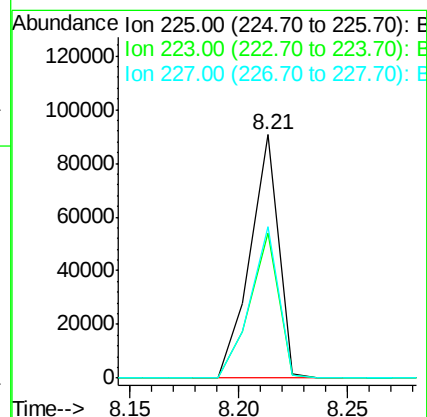
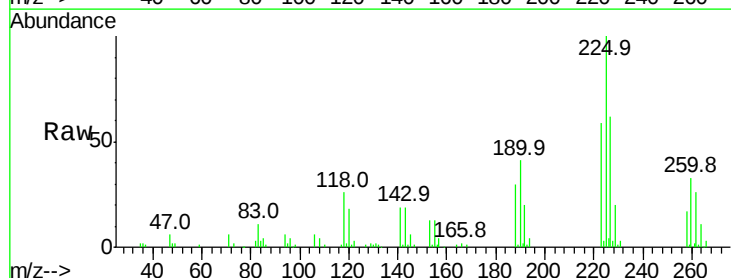
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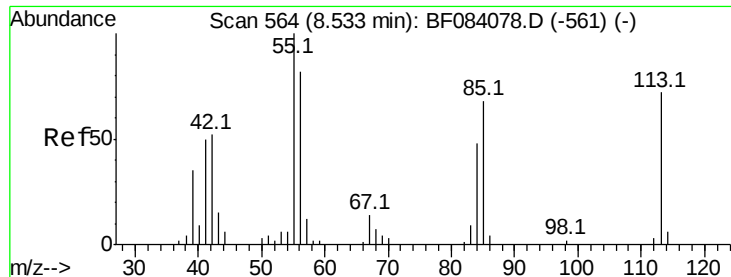
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#34
Hexachlorobutadiene
Concen: 40.76 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		82244		
223	59.3	49.4	74.0		
227	62.1	50.8	76.2		





#35

Caprolactam

Concen: 39.43 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

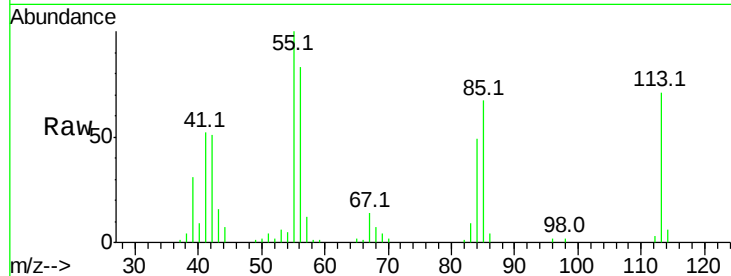
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.5	116.9	156.9
56	117.3	93.8	133.8

Manual Integrations
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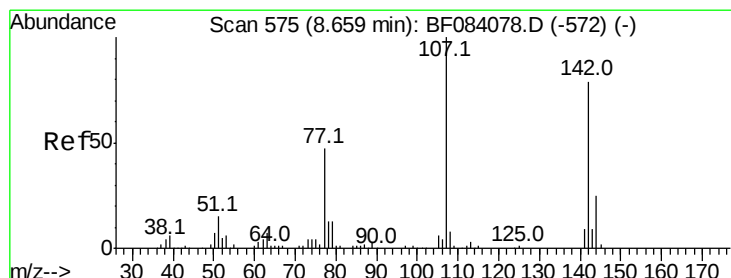
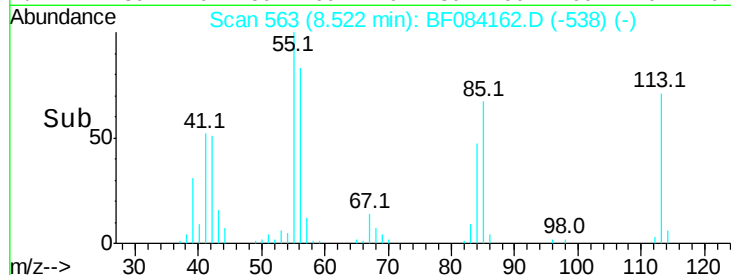
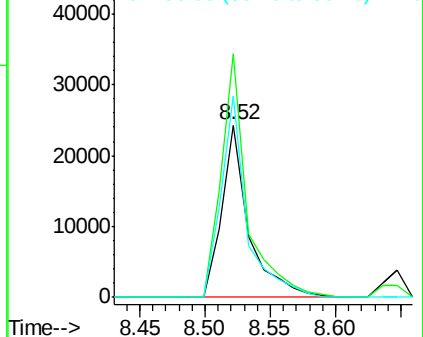
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.74 ng

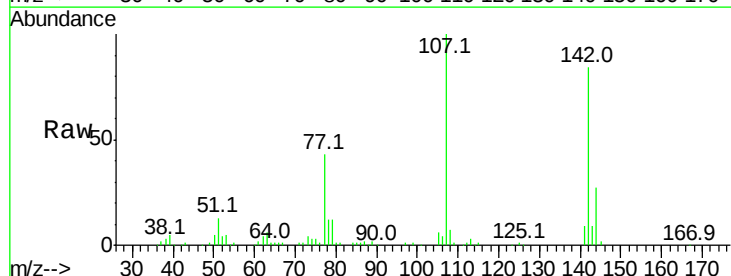
RT: 8.65 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

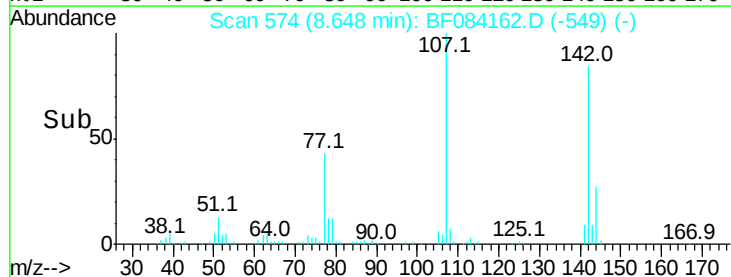
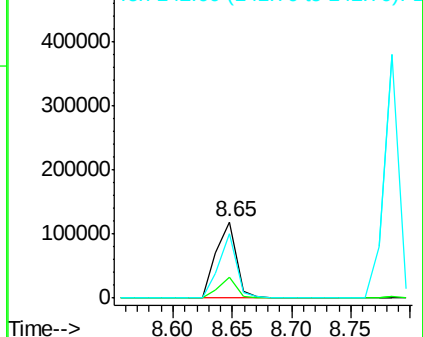
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	19.7	29.5
142	83.9	61.8	92.6

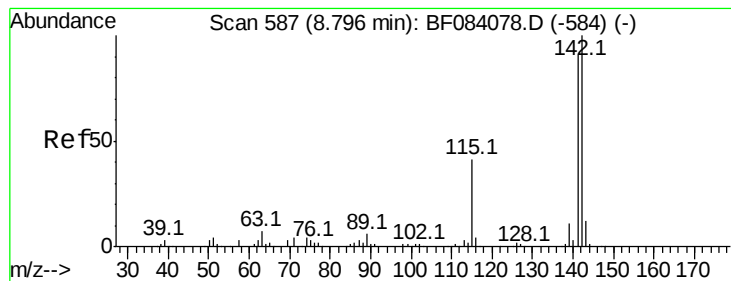


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





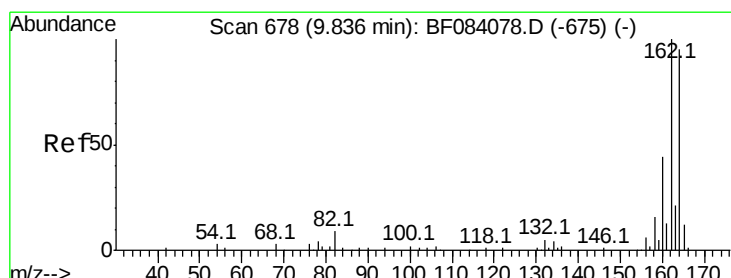
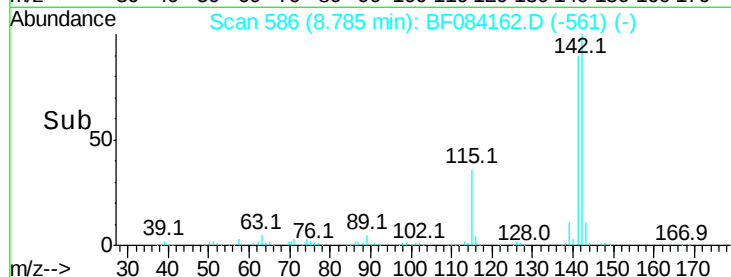
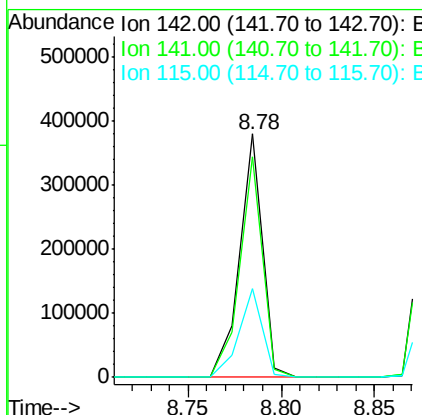
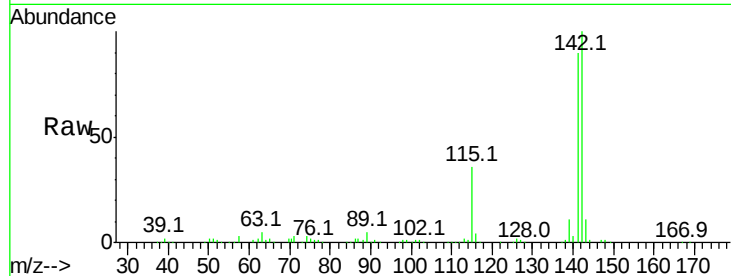
#37
 2-Methylnaphthalene
 Concen: 43.46 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.4	108.6
115	36.4	27.9	41.9

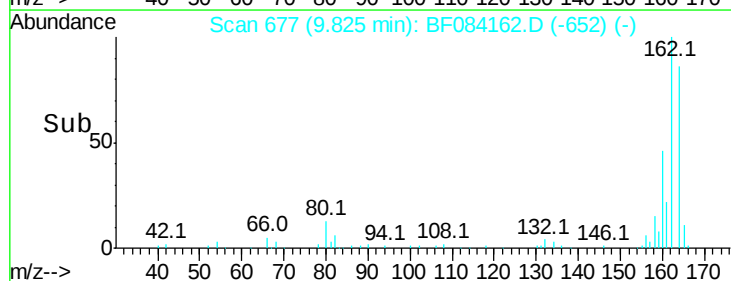
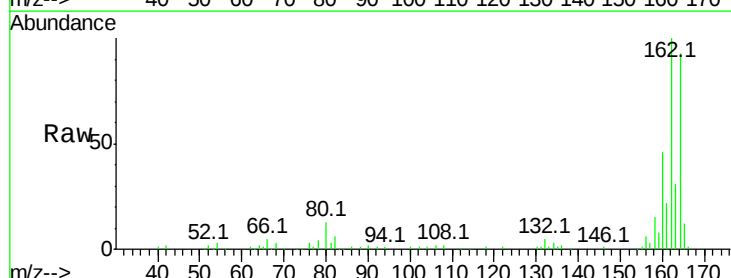
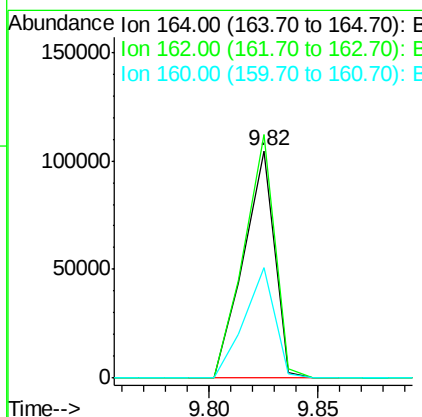
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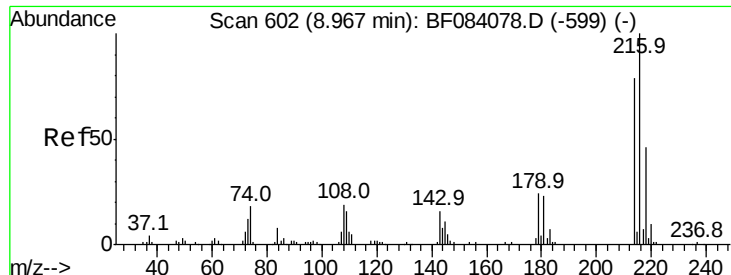
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	48.7	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.27 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

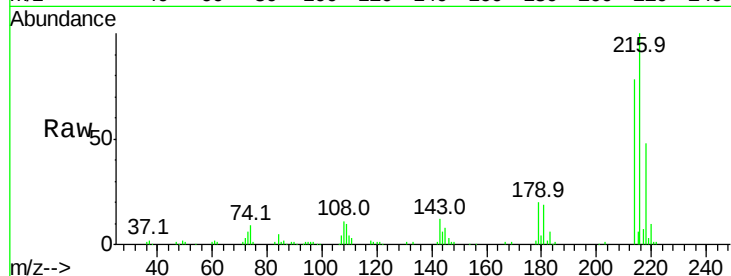
ClientSampleId :

SSTDCCC040EC

Tot Ion:	216	Resp:	131642
Ion Ratio		Lower	Upper
216	100		
214	79.3	64.2	96.2
179	23.0	18.7	28.1
108	18.4	16.8	25.2

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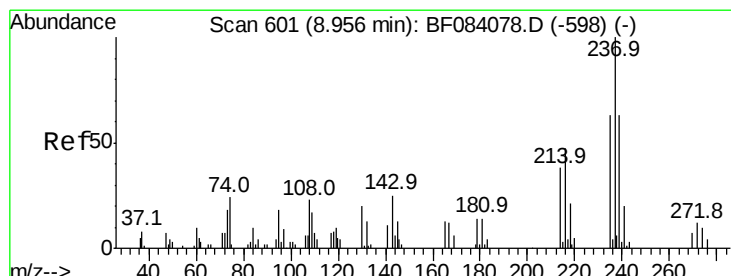
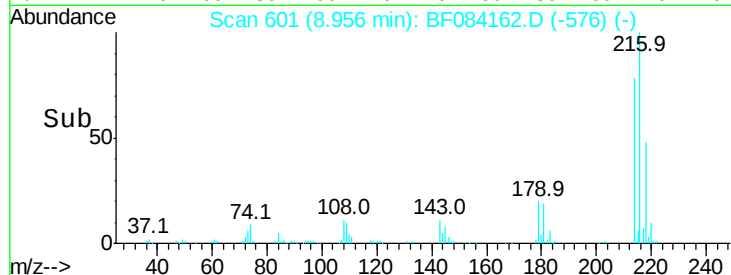
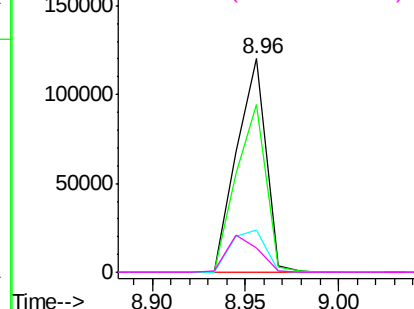


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 17.59 ng

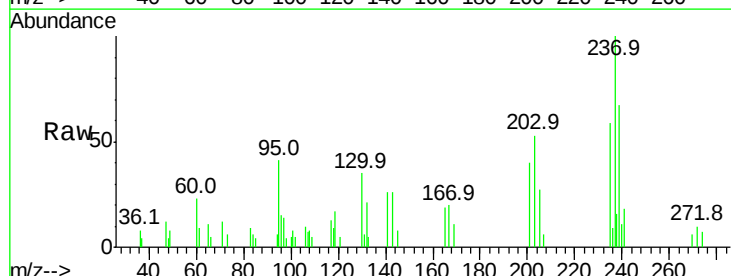
RT: 8.93 min Scan# 599

Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

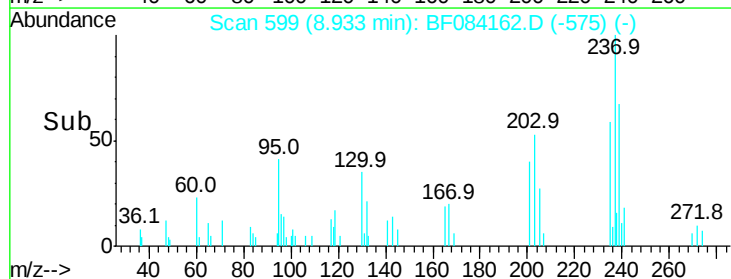
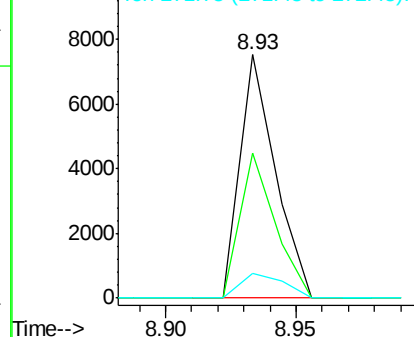
Tgt Ion:	237	Resp:	7149
Ion Ratio		Lower	Upper
237	100		
235	59.4	43.1	83.1
272	10.1	0.0	35.1

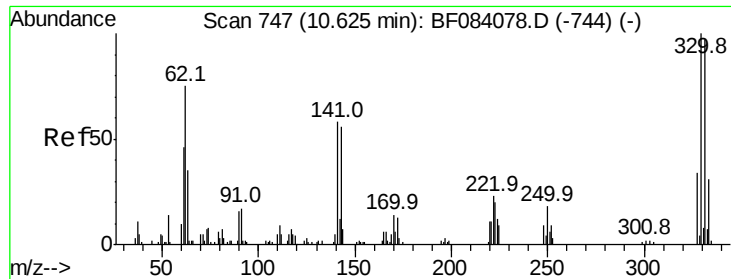


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





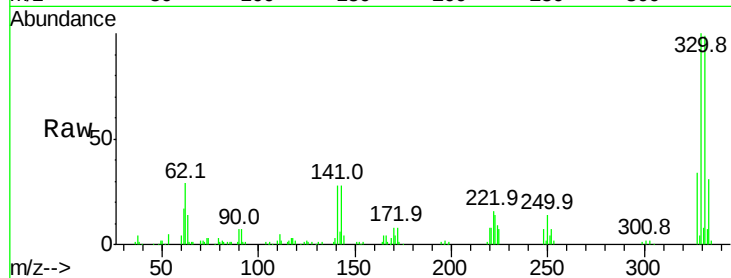
#41
 2,4,6-Tribromophenol
 Concen: 76.34 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

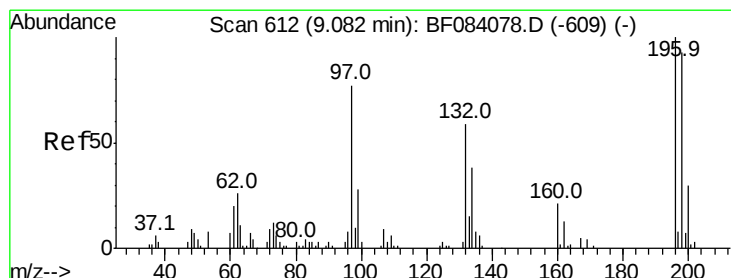
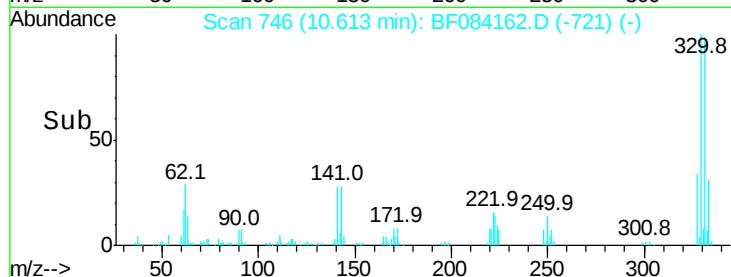
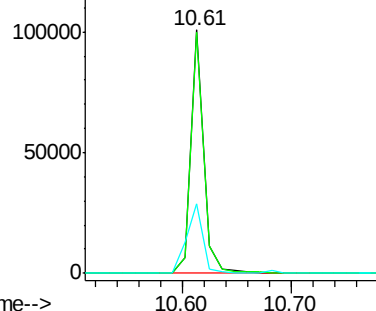
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.8	76.6	114.8	
141	35.9	27.8	41.6	

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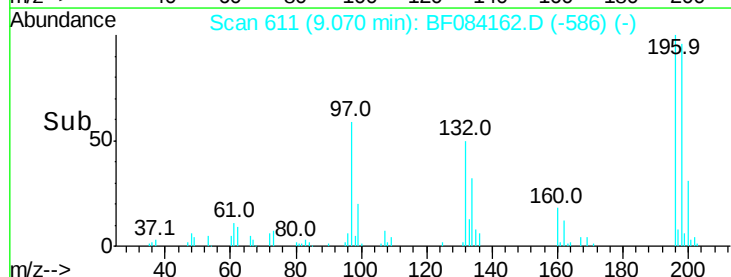
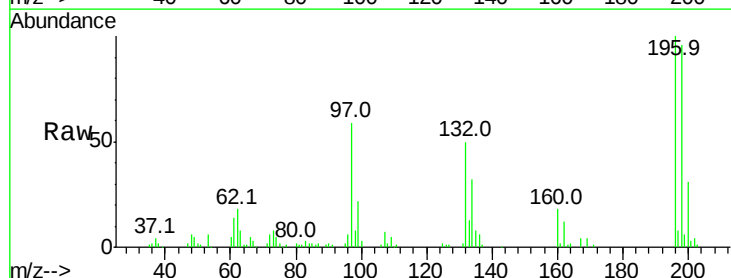
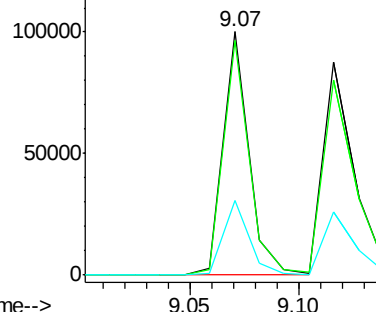
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

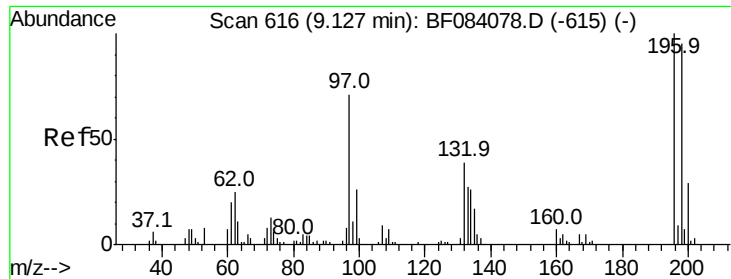


#42
 2,4,6-Trichlorophenol
 Concen: 38.88 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.3	77.7	116.5	
200	30.8	24.6	37.0	

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





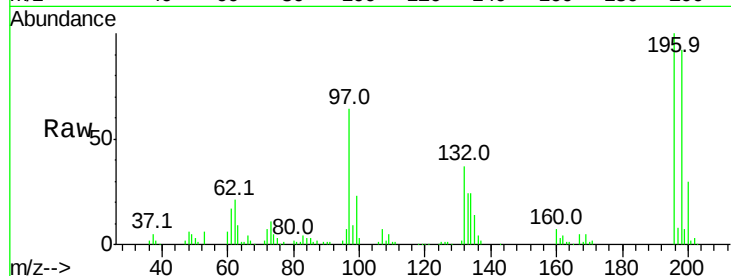
#43
 2,4,5-Trichlorophenol
 Concen: 42.28 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

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Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	91.7	79.0	118.6	
97	64.2	33.0	49.6	
132	36.9	21.1	31.7	



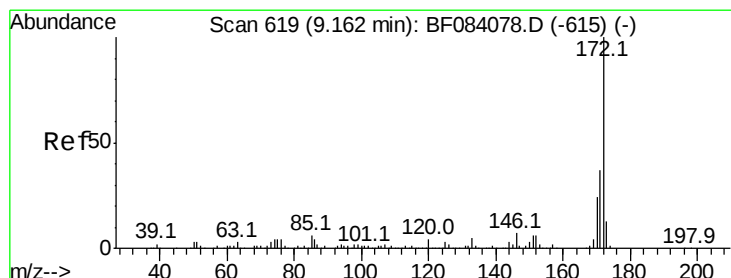
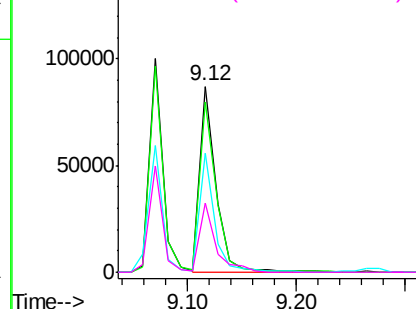
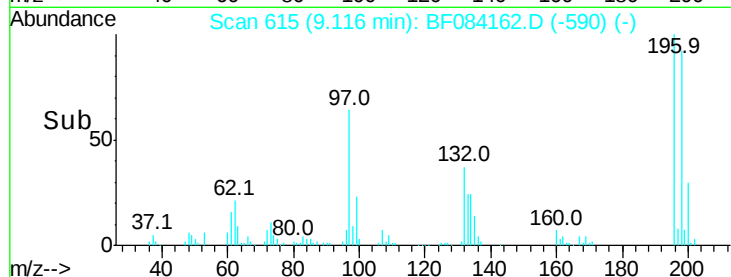
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

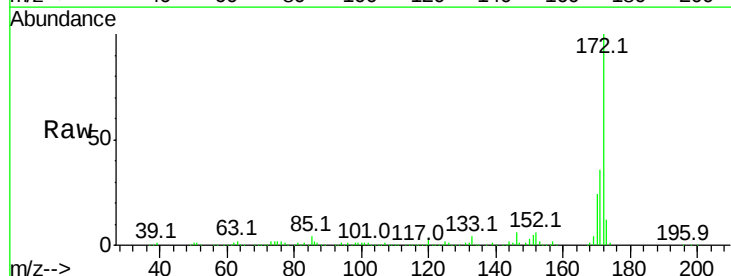
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.20 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	28.9	43.3	
170	23.9	18.6	27.8	

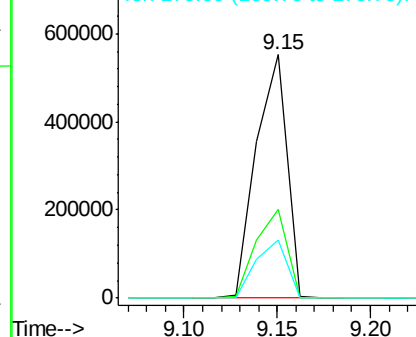
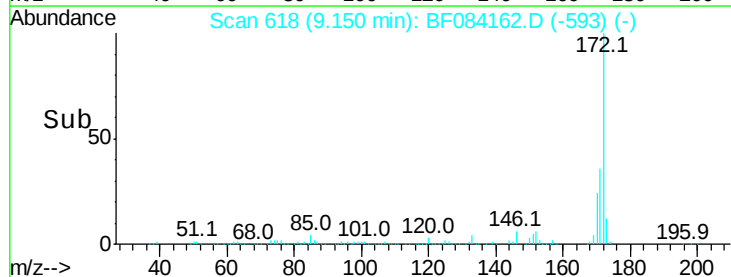


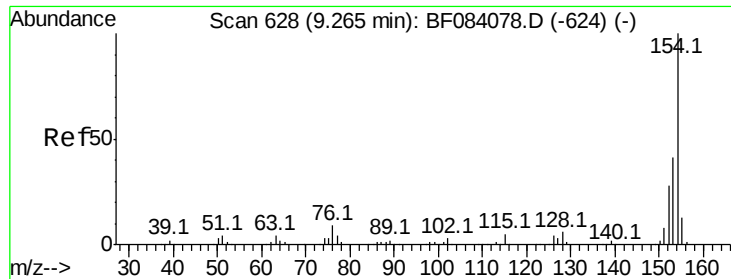
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





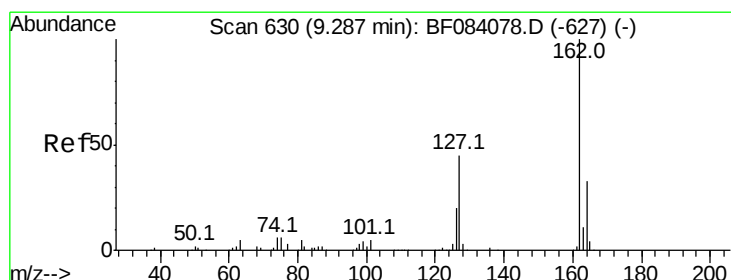
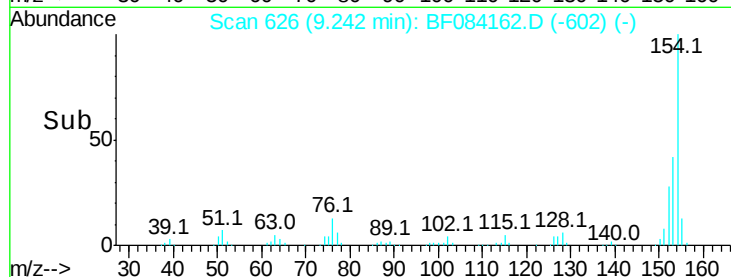
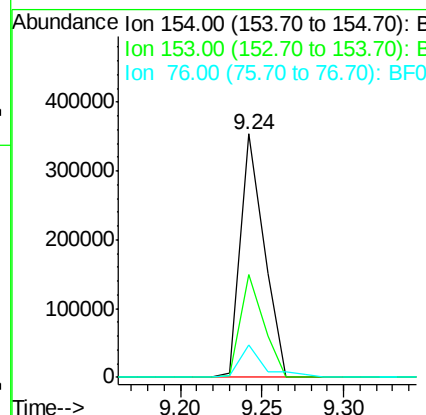
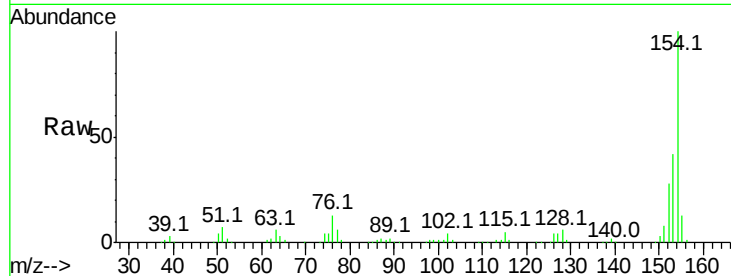
#45
 1,1'-Biphenyl
 Concen: 37.49 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.2	21.6	61.6	
76	13.1	0.0	32.7	

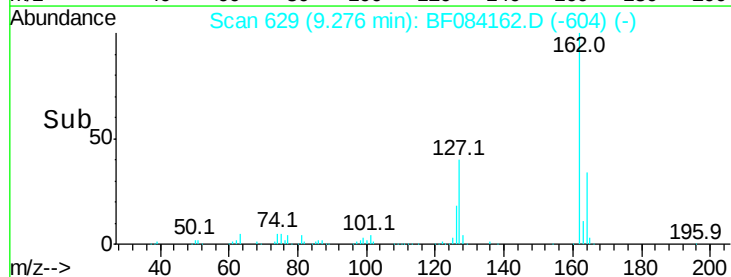
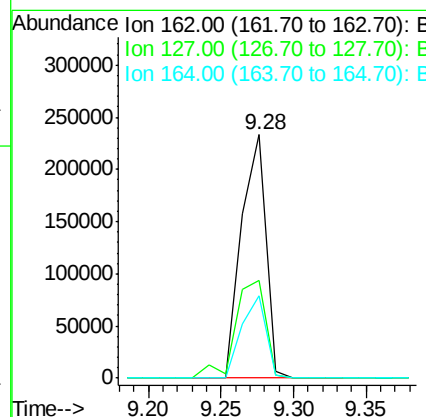
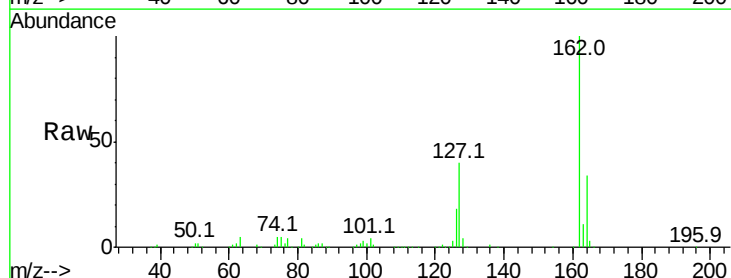
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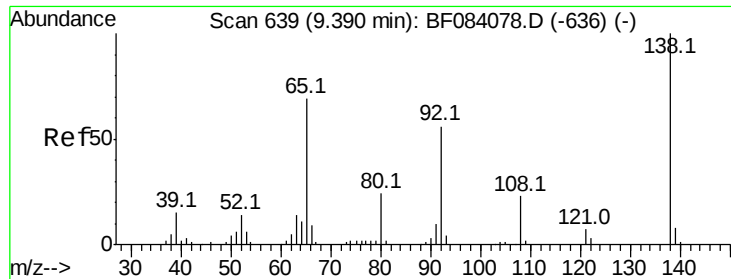
Sohil
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#46
 2-Chloronaphthalene
 Concen: 38.47 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.9	40.2	60.4#	
164	33.9	25.7	38.5	





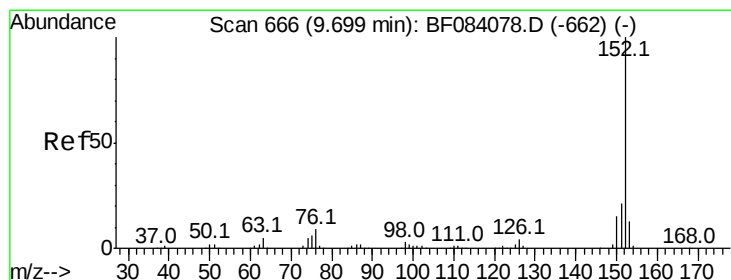
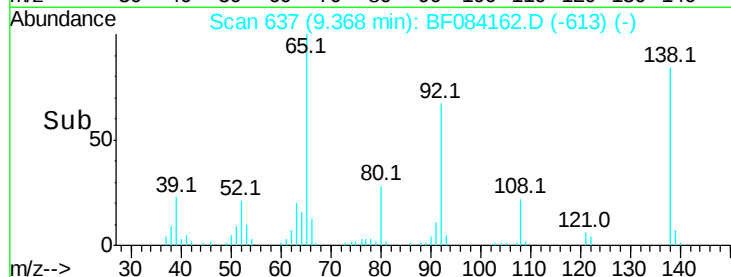
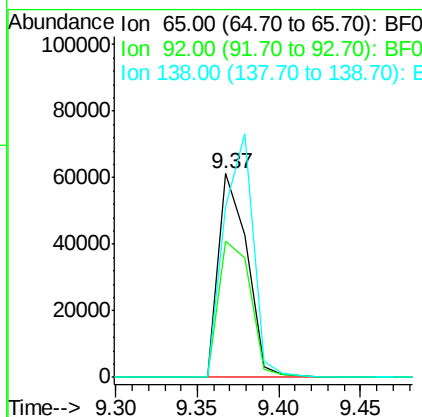
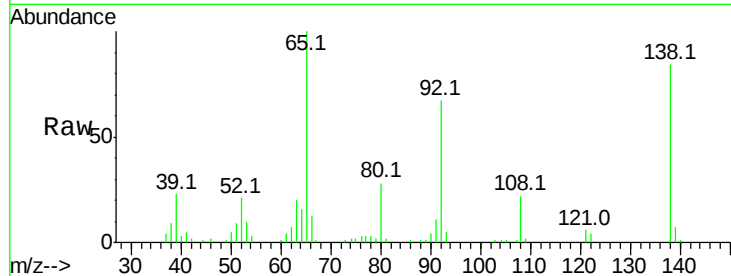
#47
2-Nitroaniline
Concen: 39.27 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.4	80.2
138	83.8	71.1	106.7

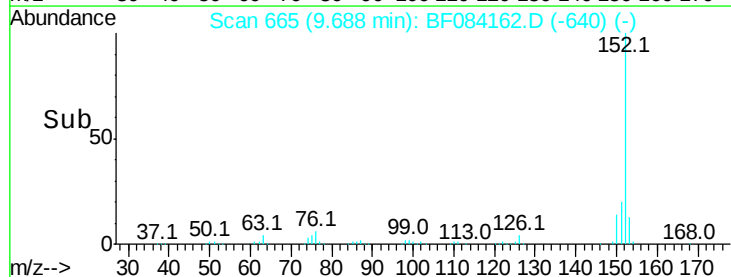
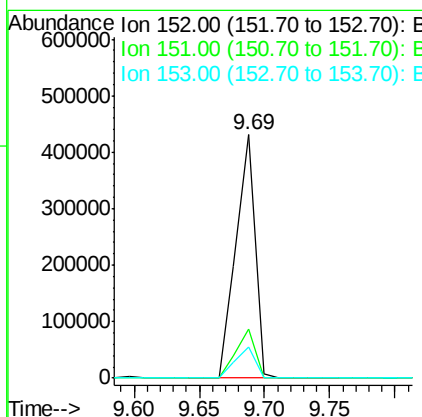
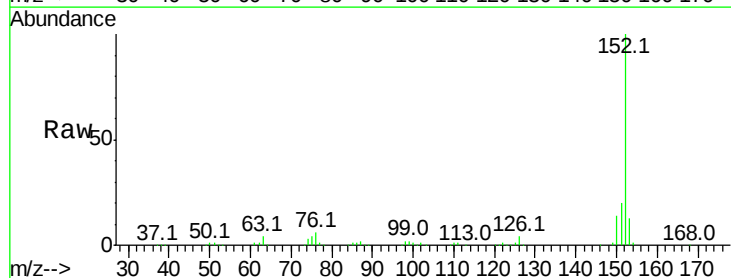
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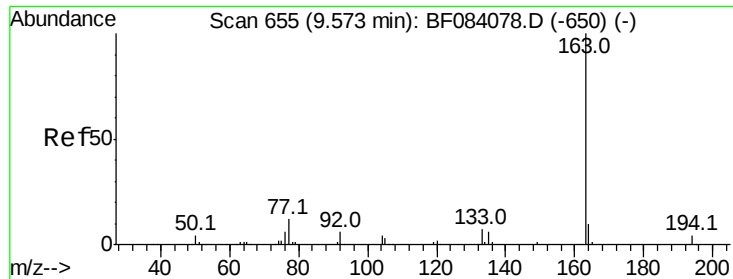
Sohil
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#48
Acenaphthylene
Concen: 37.52 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	12.7	10.4	15.6





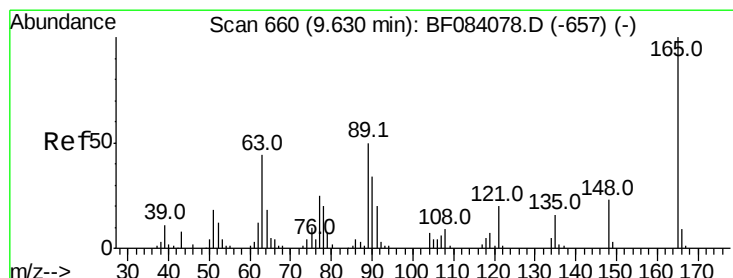
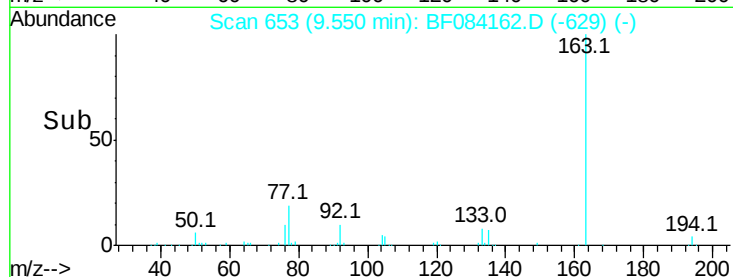
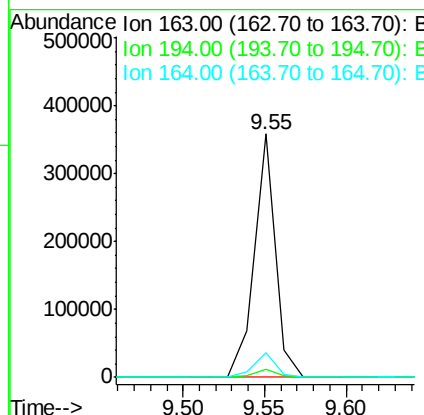
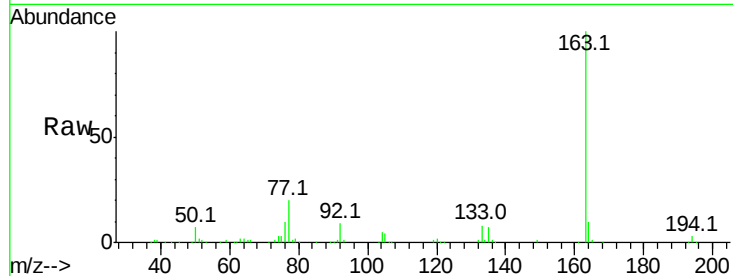
#49
Dimethylphthalate
Concen: 37.47 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	10.0	8.0	12.0

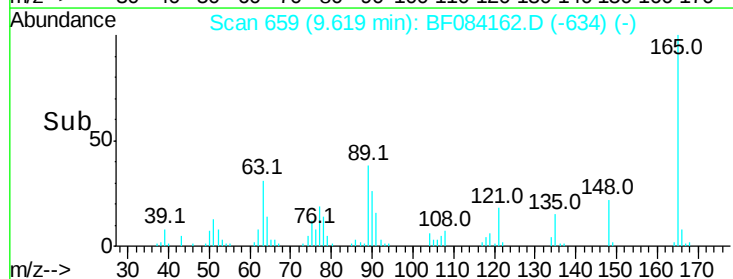
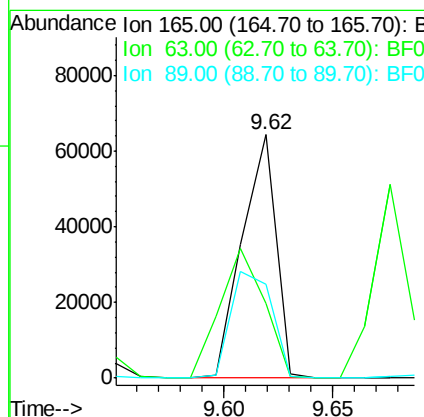
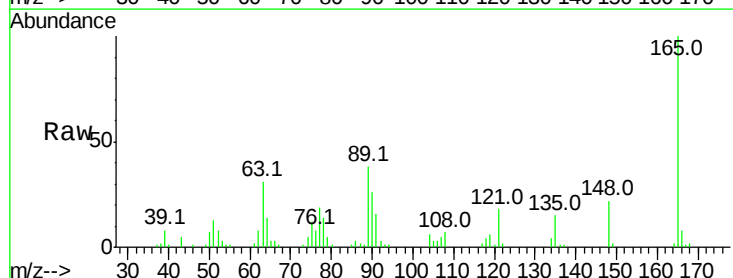
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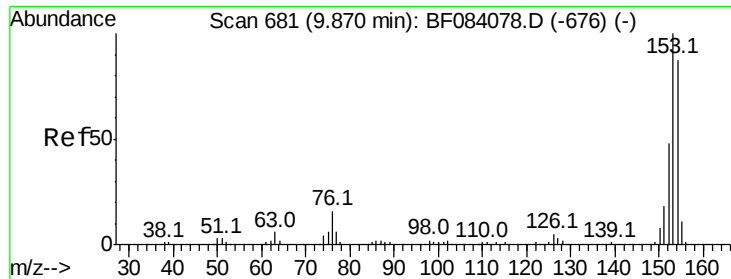
Sohil
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#50
2,6-Dinitrotoluene
Concen: 38.14 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	30.7	28.8	43.2
89	38.5	35.1	52.7





#51

Acenaphthene

Concen: 38.05 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

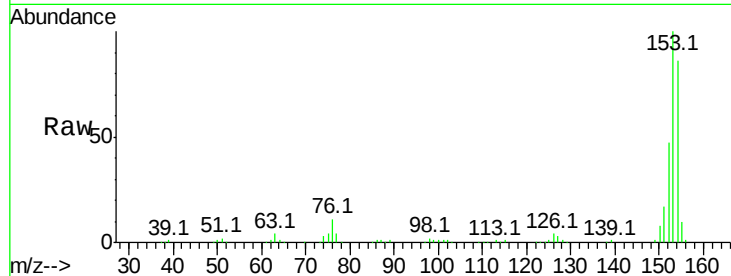
ClientSampleId :

SSTDCCC040EC

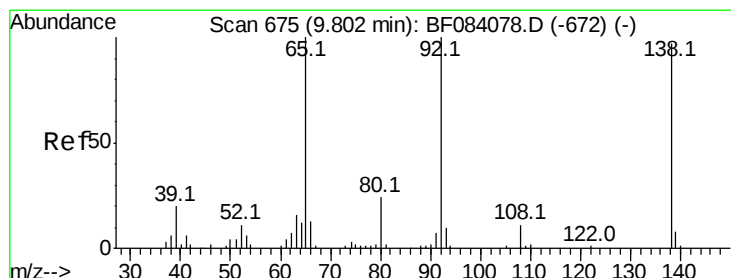
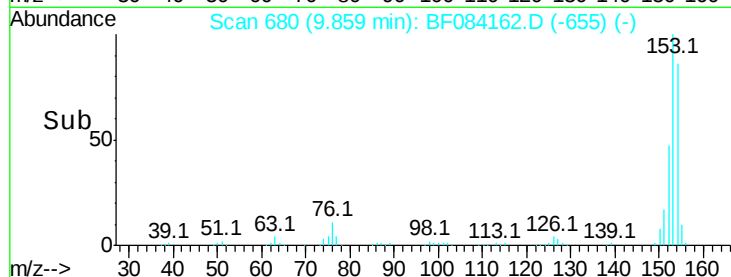
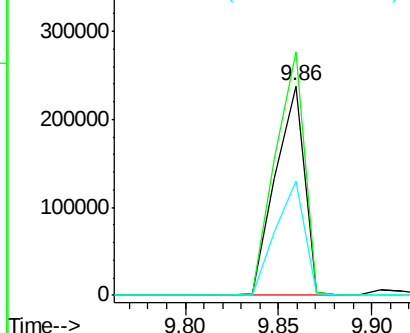
Tot Ion:	154	Resp:	258781
Ion Ratio	Lower	Upper	
154	100		
153	116.1	91.5	137.3
152	54.2	43.0	64.6

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.97 ng

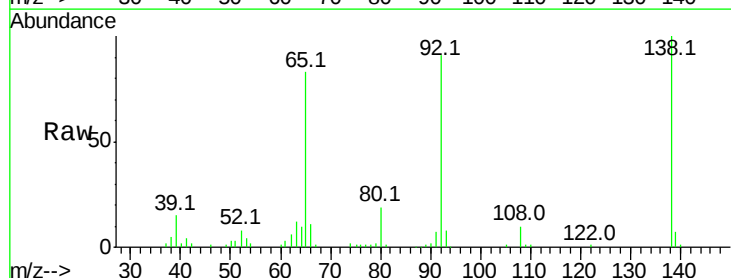
RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

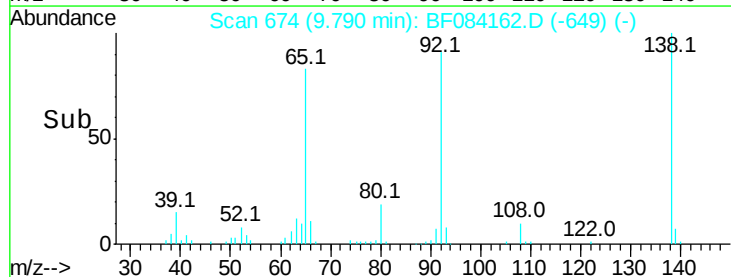
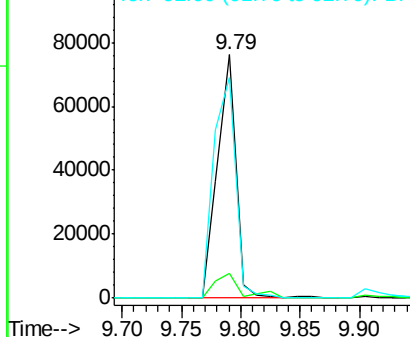
Lab File: BF084162.D

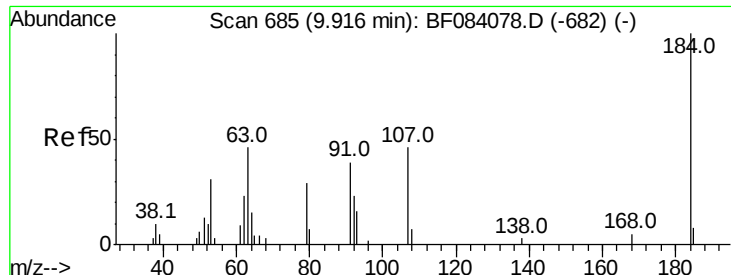
Acq: 28 Dec 2015 18:17

Tgt Ion:	138	Resp:	82105
Ion Ratio	Lower	Upper	
138	100		
108	10.4	10.5	15.7#
92	90.8	103.9	155.9#



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





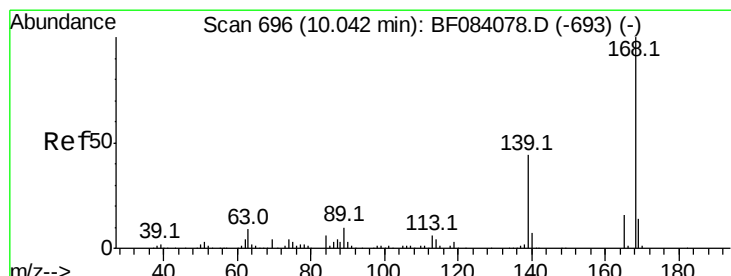
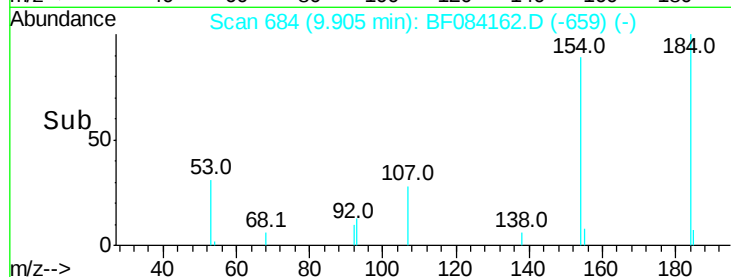
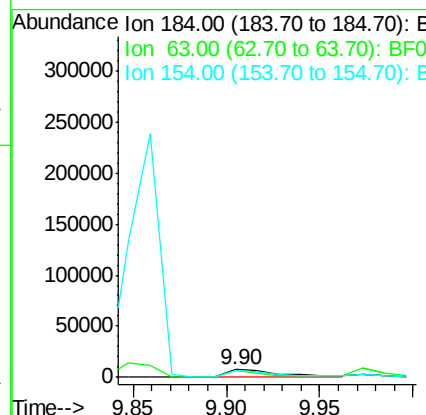
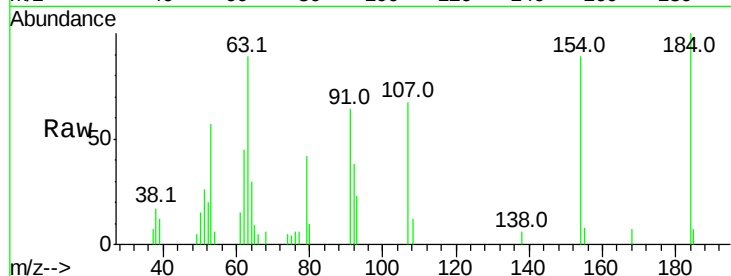
#53
 2,4-Dinitrophenol
 Concen: 33.16 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	88.8	43.1	64.7#
154	89.4	60.5	90.7

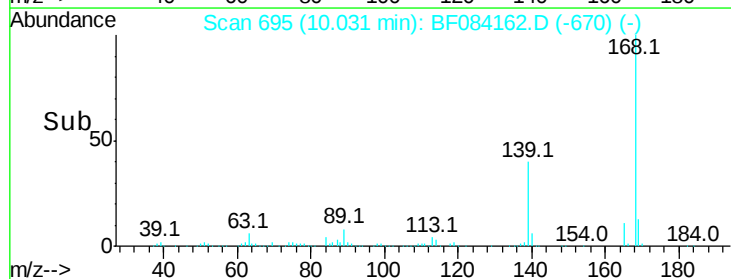
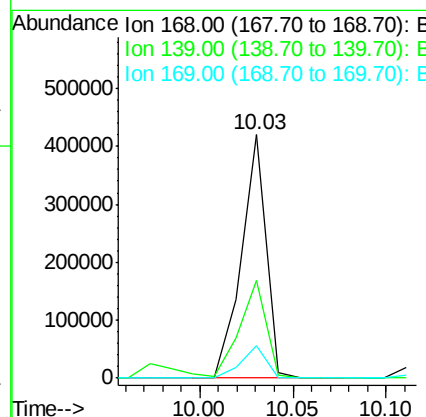
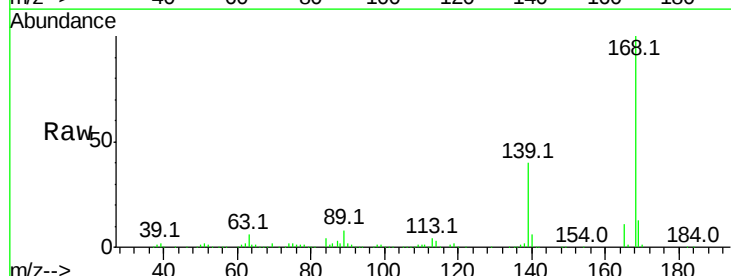
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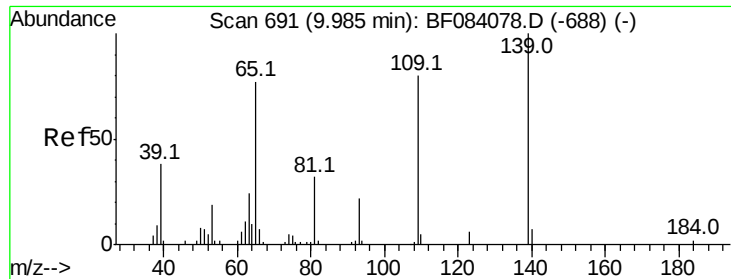
Sohil
 12/29/2015 4:53:38 PM



#54
 Dibenzofuran
 Concen: 41.59 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.5	45.7
169	13.4	10.4	15.6





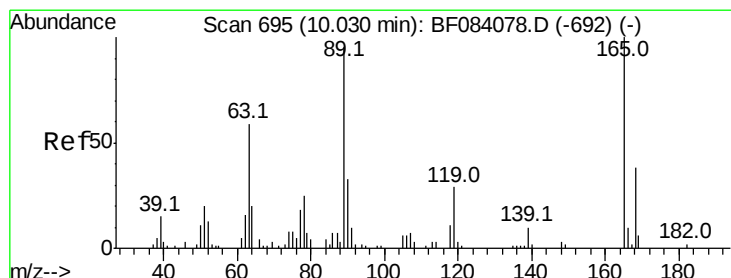
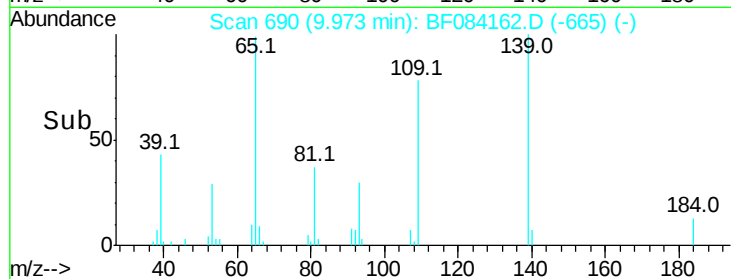
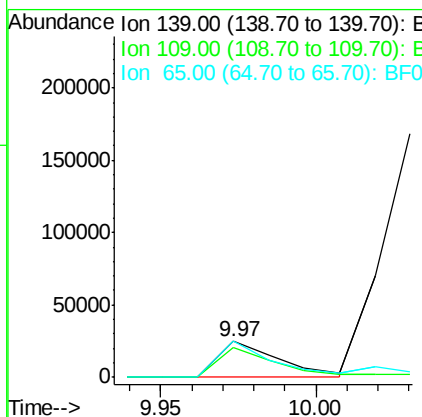
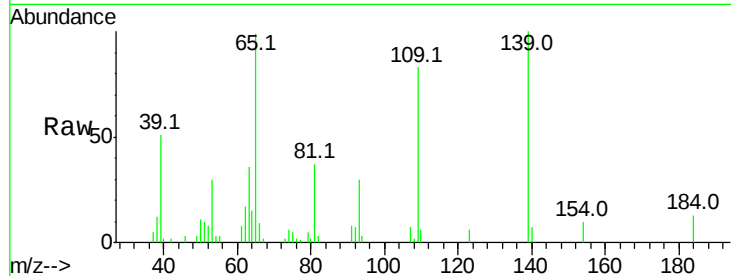
#55
4-Nitrophenol
Concen: 34.33 ng/ml
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	83.0	58.5	98.5
65	99.5	57.6	97.6

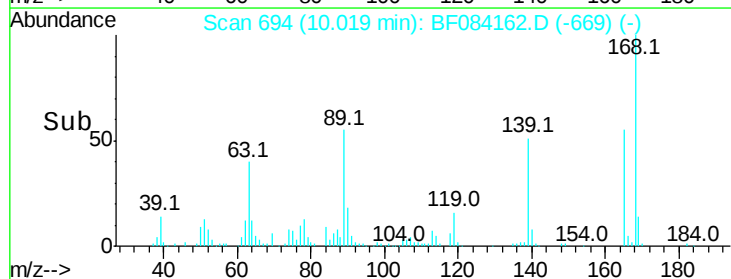
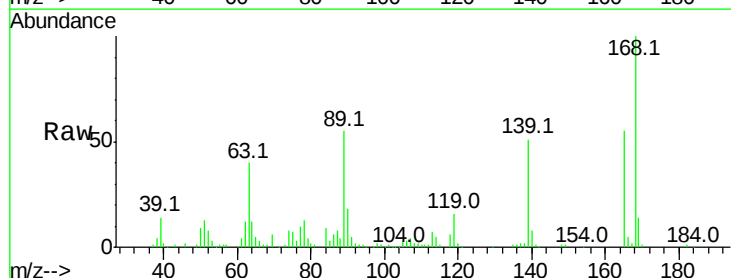
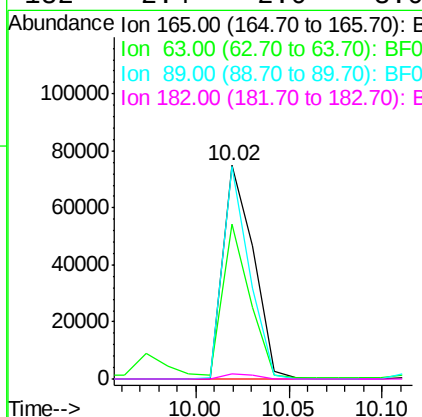
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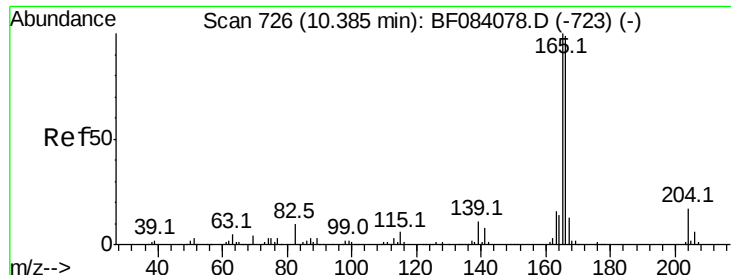
Sohil
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#56
2,4-Dinitrotoluene
Concen: 35.52 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.6	36.7	55.1
89	99.6	61.9	92.9
182	2.4	2.0	3.0





#57

Fluorene

Concen: 39.10 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

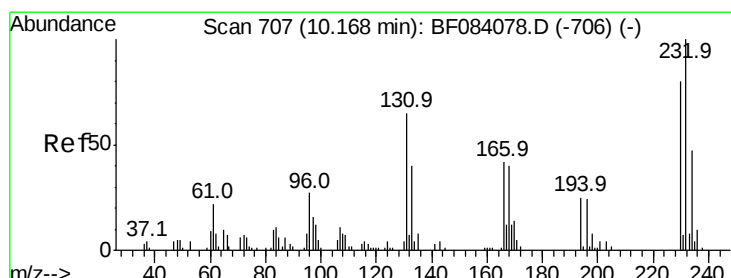
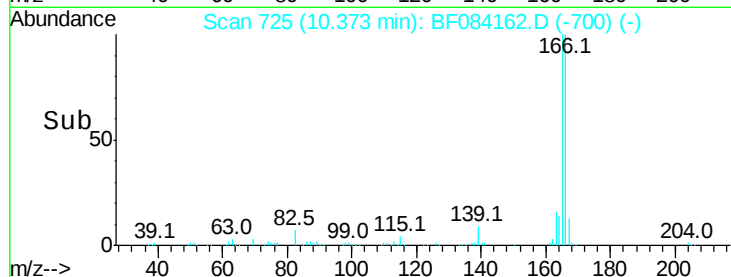
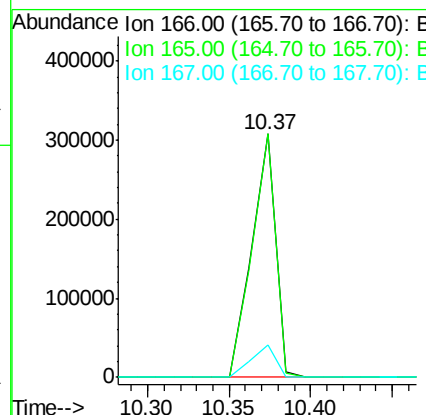
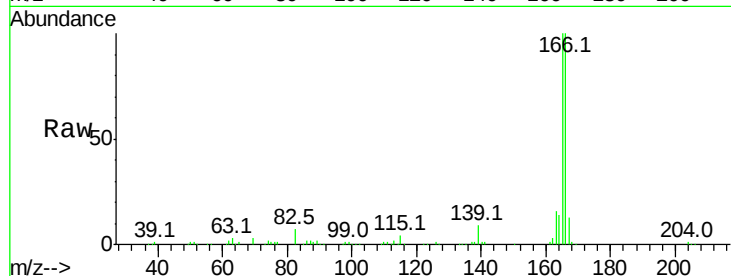
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	310843
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.1	118.7
167	13.2	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.79 ng

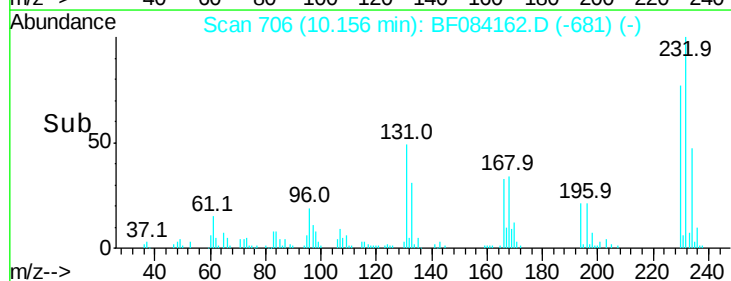
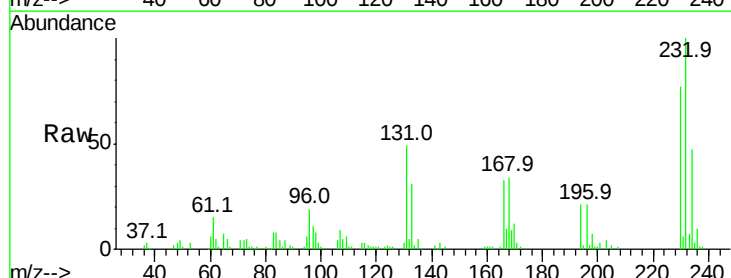
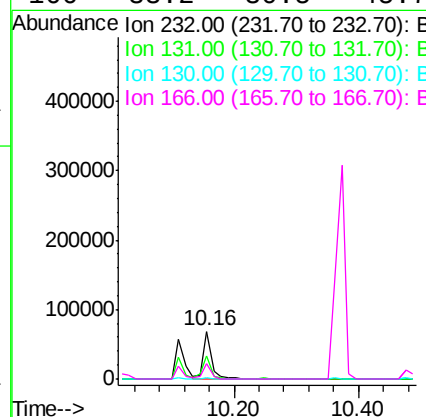
RT: 10.16 min Scan# 706

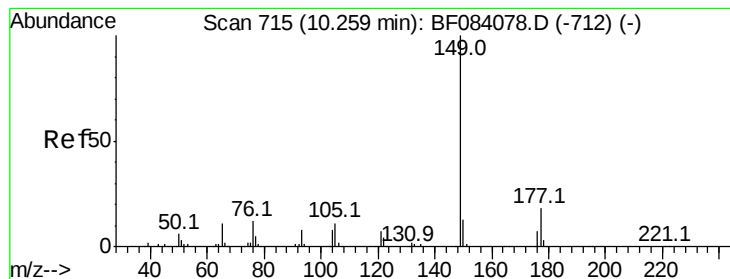
Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	232	Resp:	68111
Ion Ratio	Lower	Upper	
232	100		
131	47.1	47.0	70.6
130	2.2	2.0	3.0
166	33.2	30.5	45.7





#59

Diethylphthalate

Concen: 39.37 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

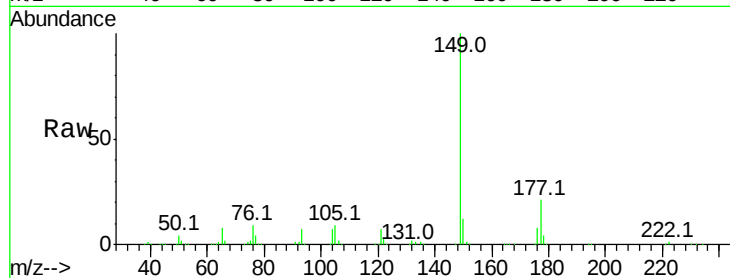
ClientSampleId :

SSTDCCC040EC

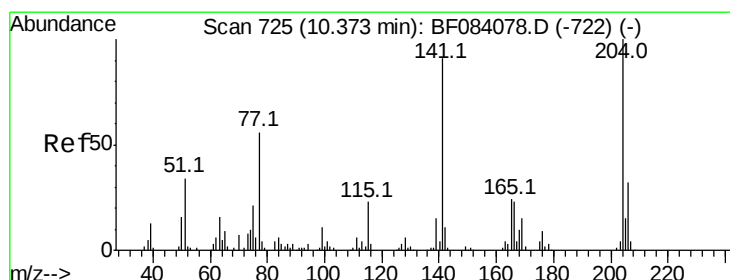
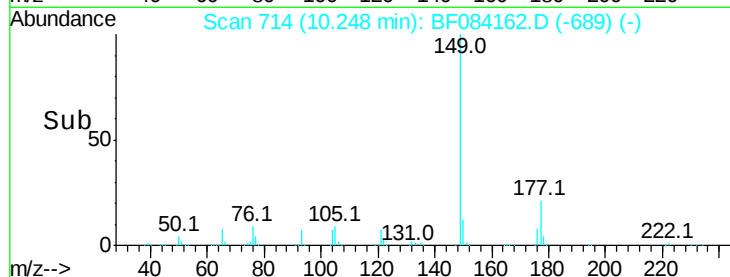
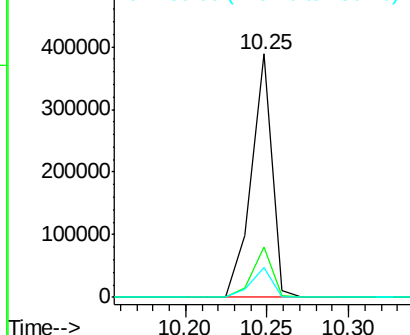
Tot Ion:	149	Resp:	343389
Ion Ratio	Lower	Upper	
149	100		
177	20.7	17.3	25.9
150	12.4	9.8	14.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.06 ng

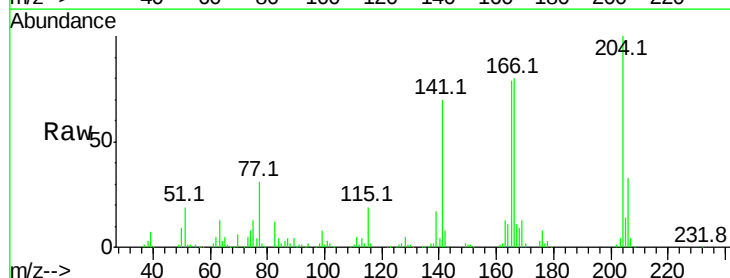
RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

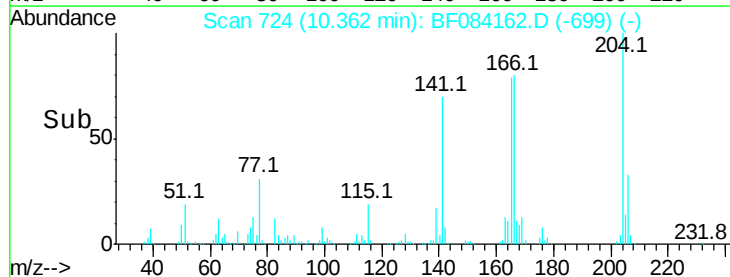
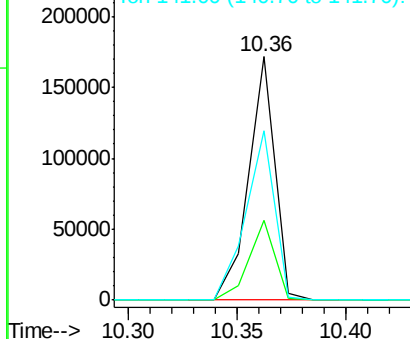
Lab File: BF084162.D

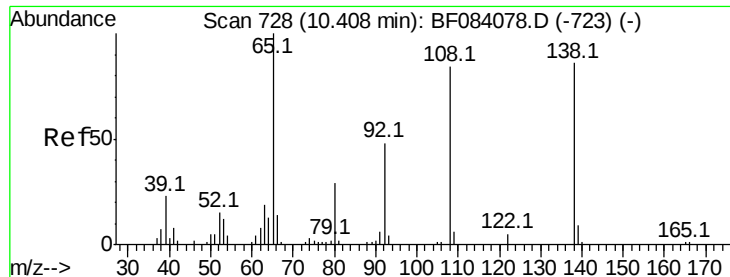
Acq: 28 Dec 2015 18:17

Tgt Ion:	204	Resp:	143208
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.7	38.5
141	69.5	55.1	82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





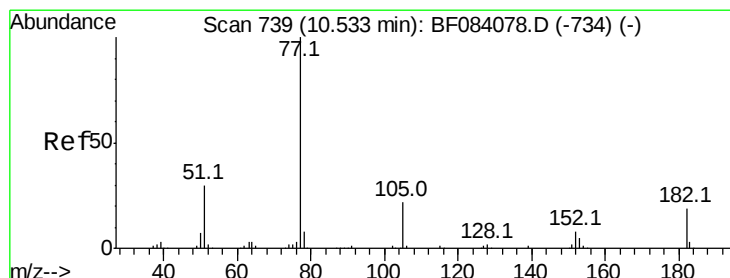
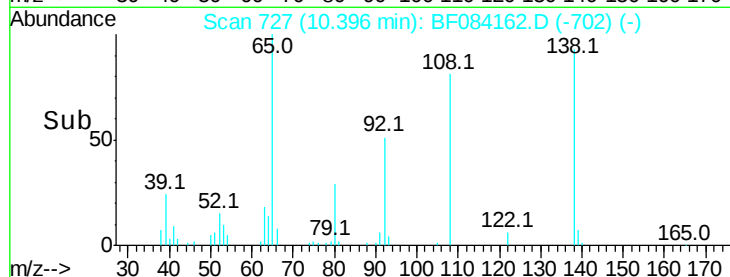
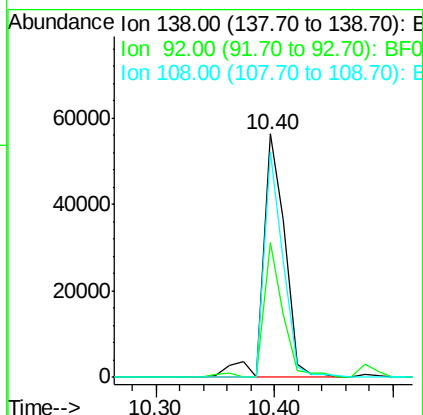
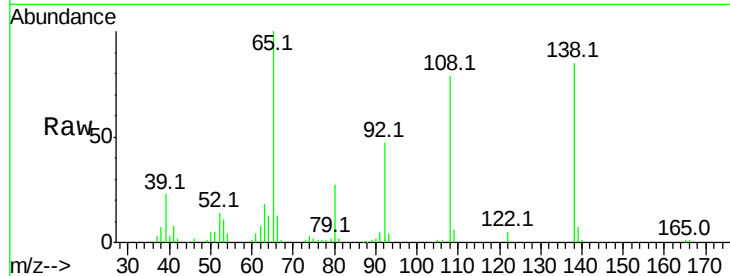
#61
4-Nitroaniline
Concen: 39.55 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.6	32.6	72.6
108	92.9	68.6	108.6

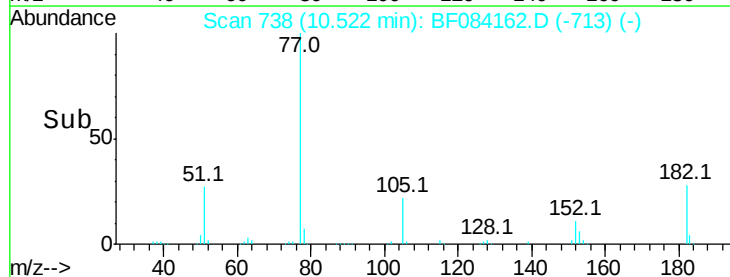
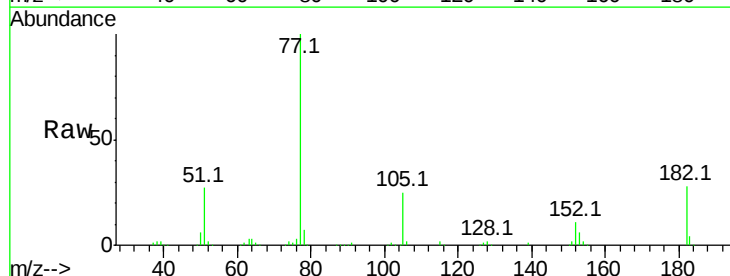
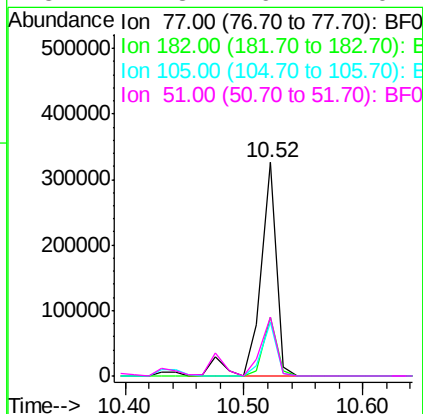
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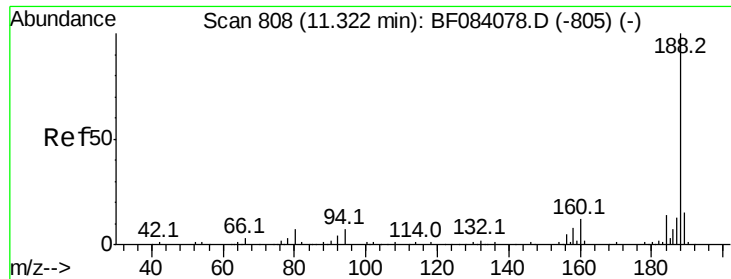
Sohil
12/29/2015 4:53:38 PM



#62
Azobenzene
Concen: 43.87 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	8.3	48.3
105	24.9	4.6	44.6
51	27.3	6.2	46.2





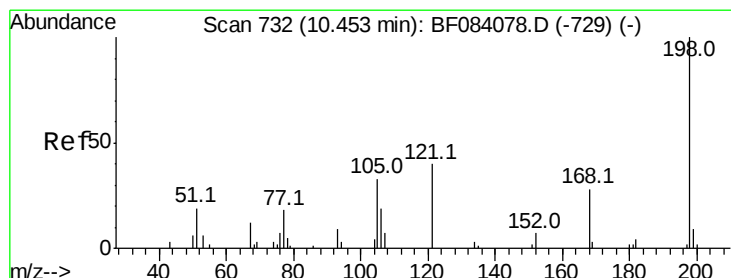
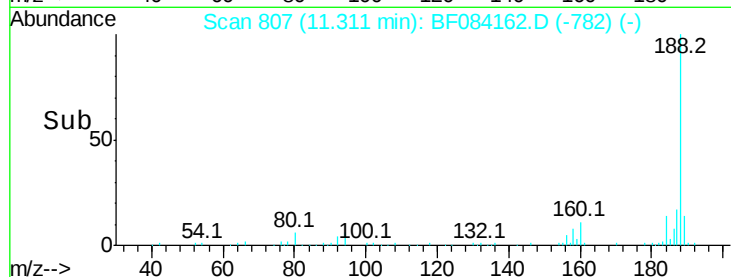
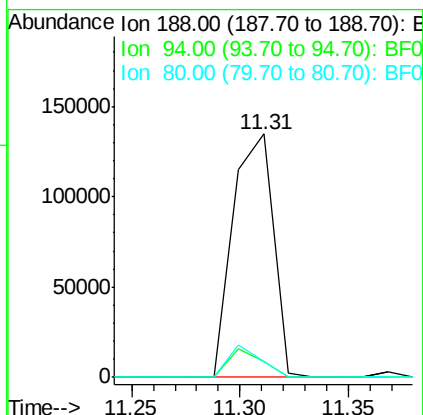
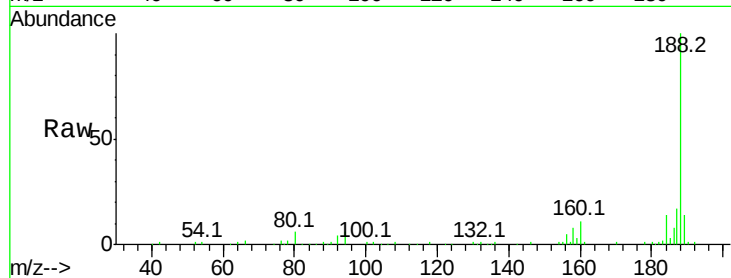
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.3	9.0	13.4#
80	6.3	9.6	14.4#

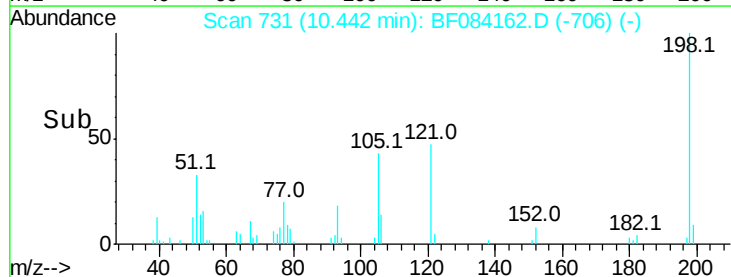
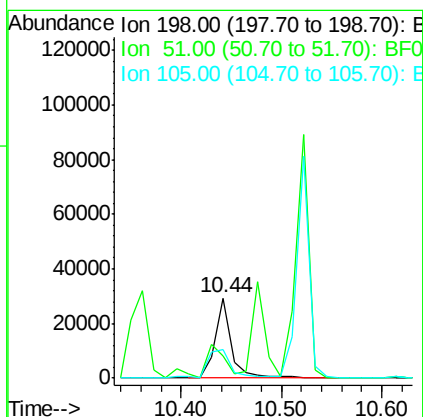
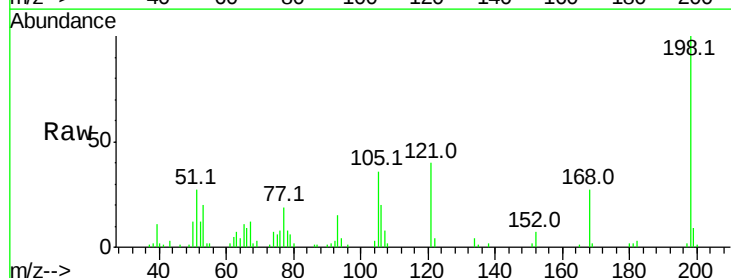
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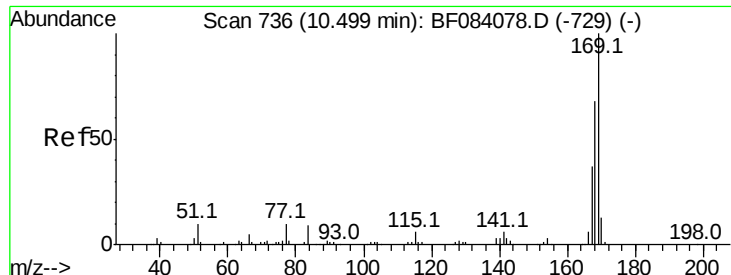
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.70 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	27.4	18.9	58.9
105	36.1	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 40.55 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

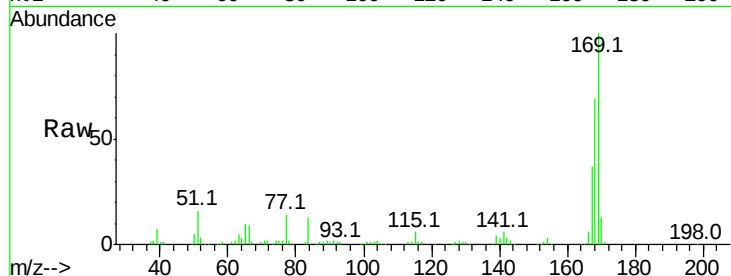
ClientSampleId :

SSTDCCC040EC

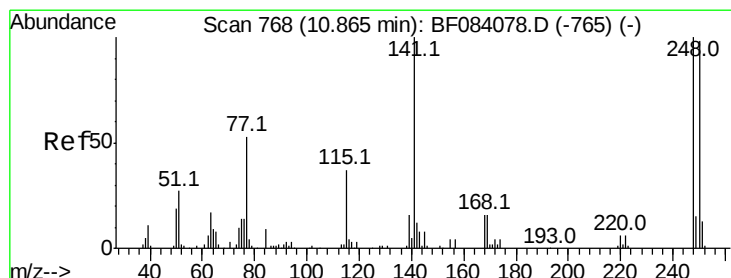
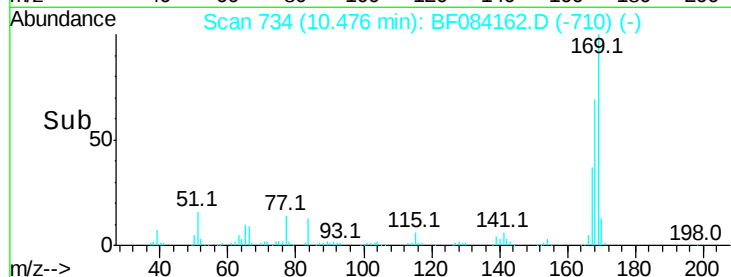
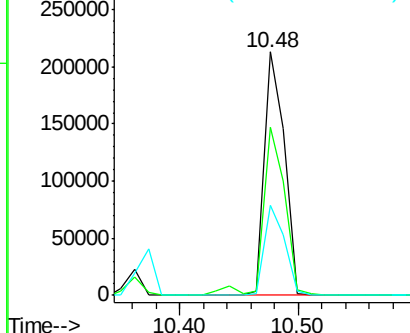
Tot Ion:	169	Resp:	250965
Ion Ratio	Lower	Upper	
169	100		
168	69.0	55.1	82.7
167	37.0	30.0	45.0

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



#66

4-Bromophenyl-phenylether

Concen: 39.96 ng

RT: 10.85 min Scan# 767

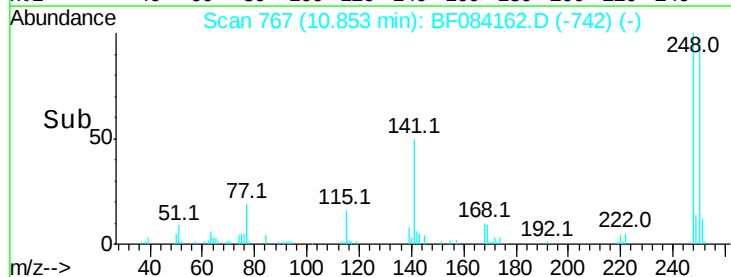
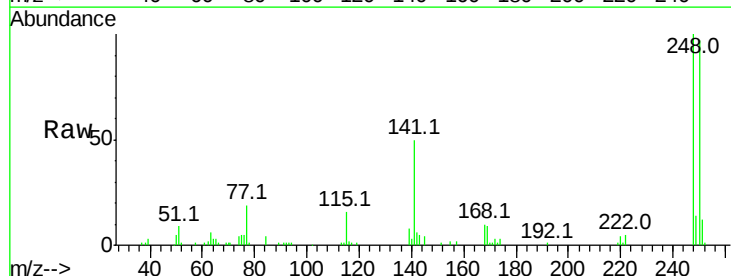
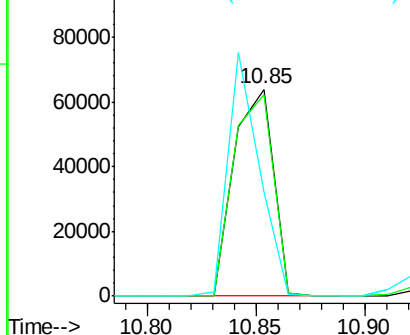
Delta R.T. -0.01 min

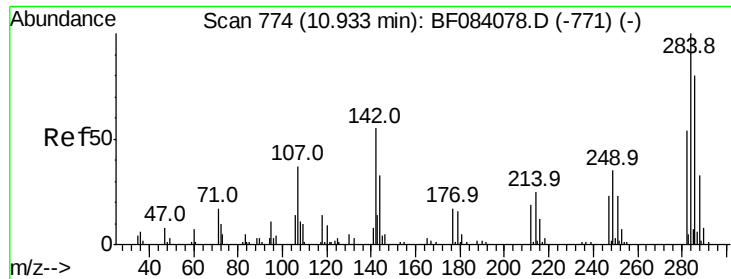
Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	248	Resp:	80365
Ion Ratio	Lower	Upper	
248	100		
250	97.3	78.4	117.6
141	50.5	44.0	66.0

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





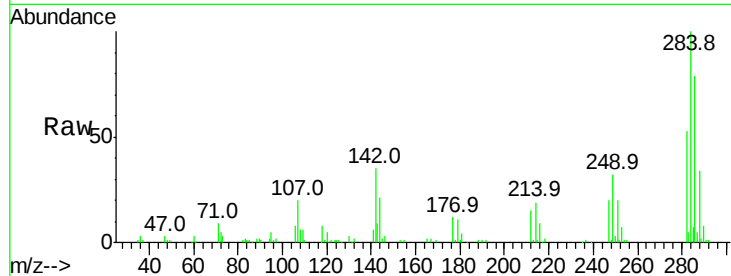
#67
Hexachlorobenzene
Concen: 41.27 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

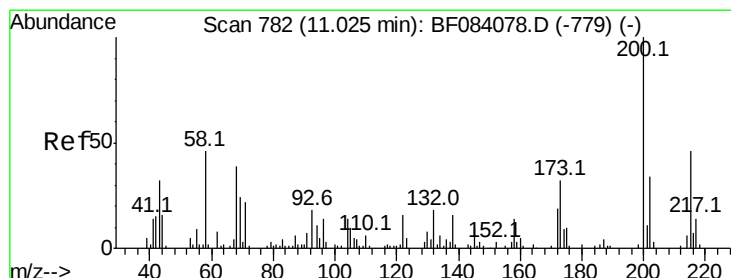
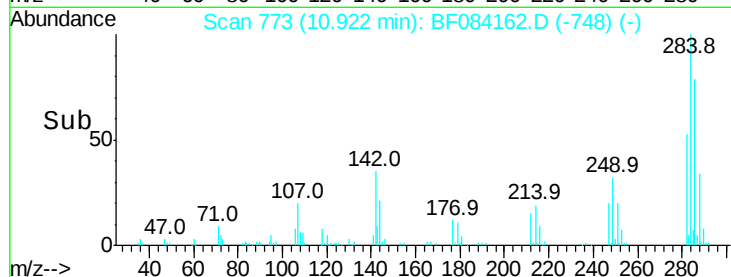
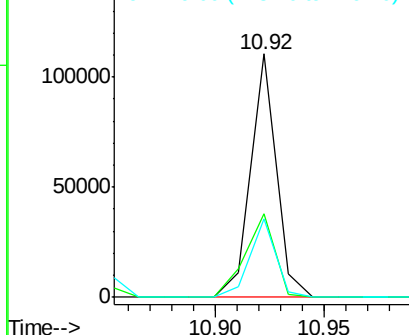
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	34.6	22.2	33.4#
249	32.2	24.6	37.0

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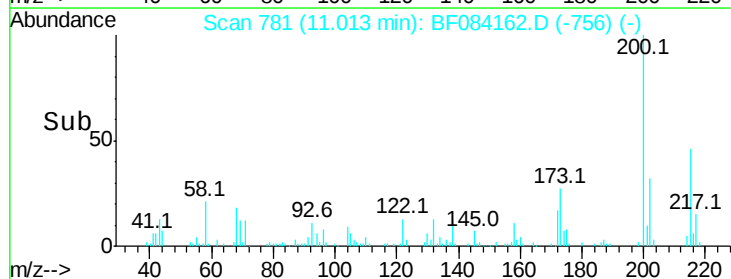
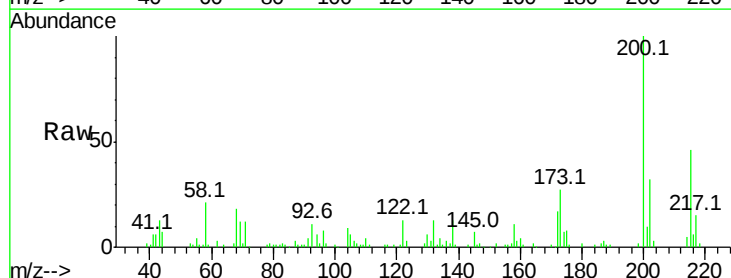
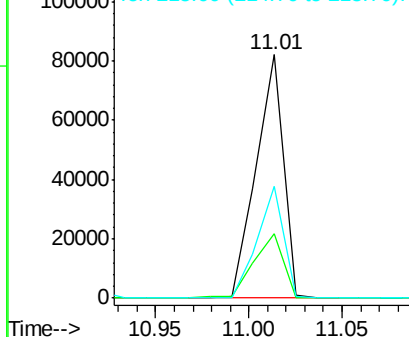
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

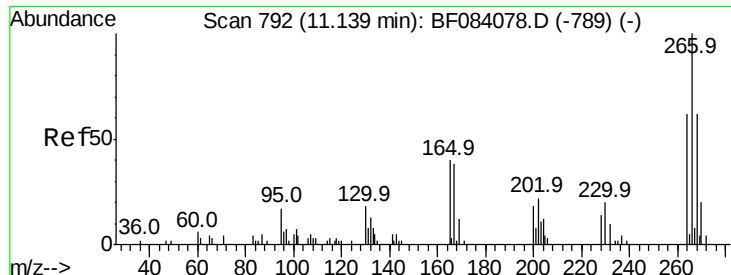


#68
Atrazine
Concen: 44.31 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	9.5	49.5
215	46.1	23.8	63.8

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





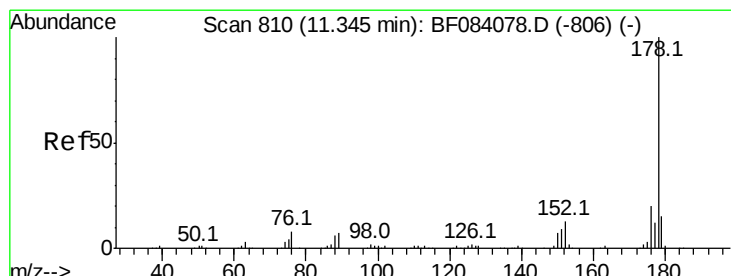
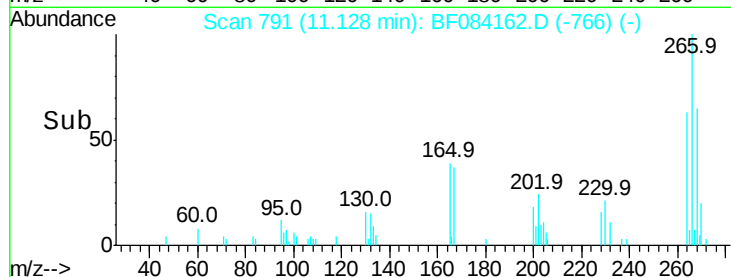
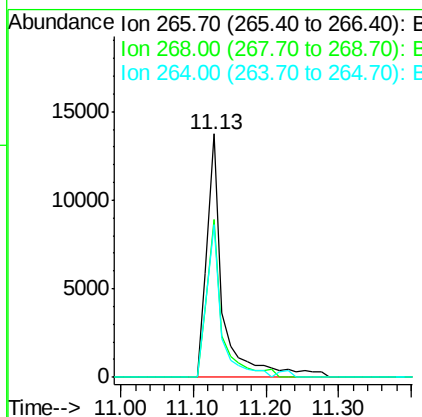
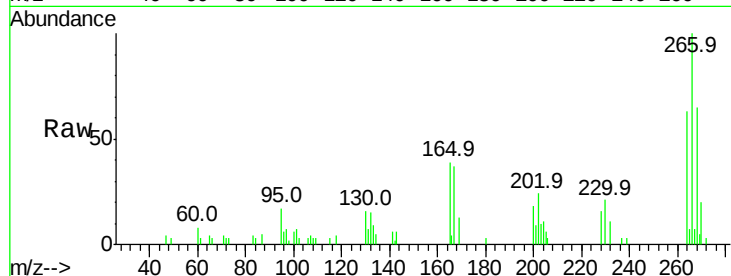
#69
 Pentachlorophenol
 Concen: 34.31 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	21312		
268	64.8		52.4	78.6
264	62.7		50.2	75.2

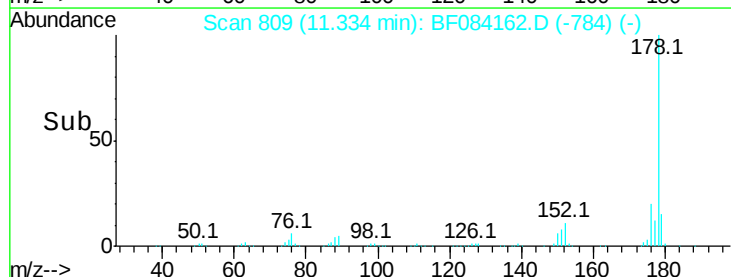
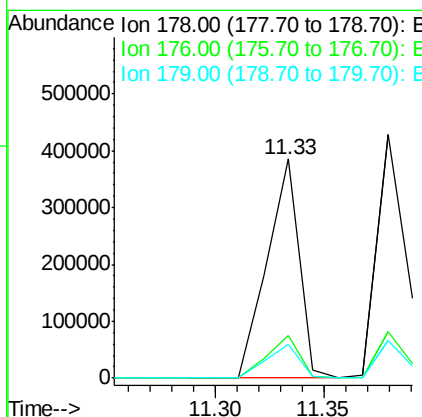
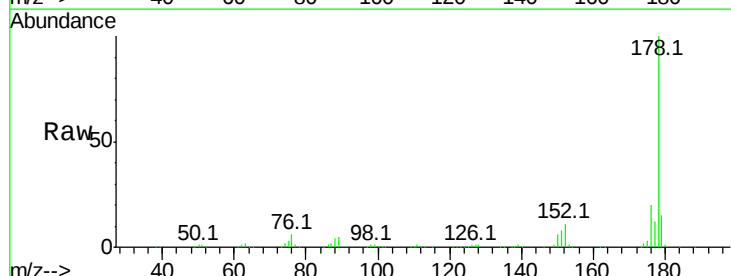
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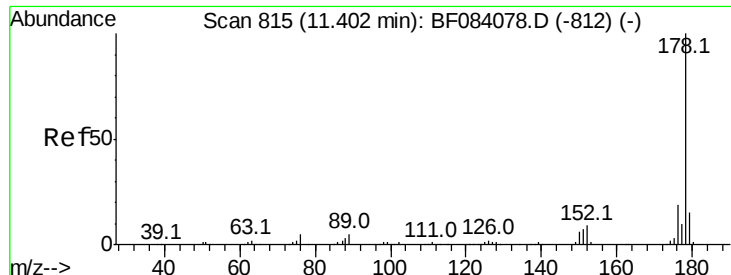
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#70
 Phenanthrene
 Concen: 38.89 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	400280		
176	19.6		15.3	22.9
179	15.1		12.0	18.0





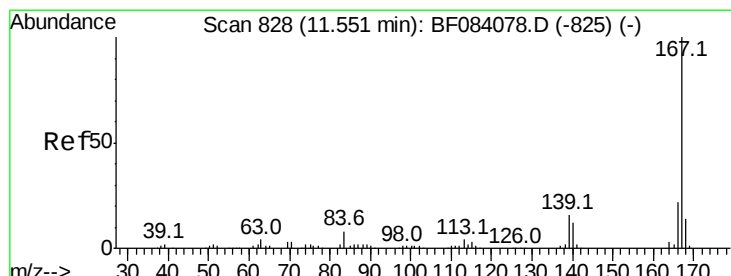
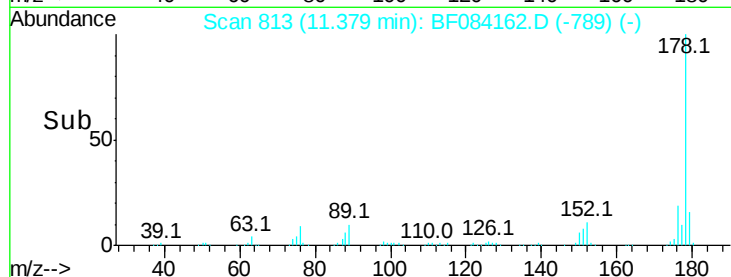
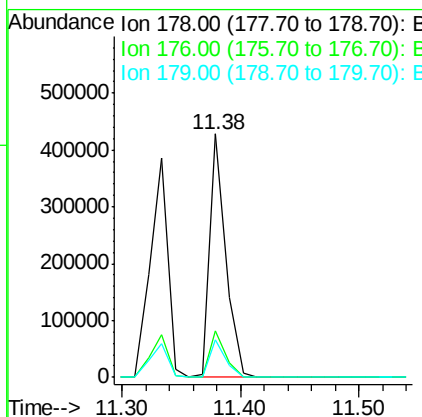
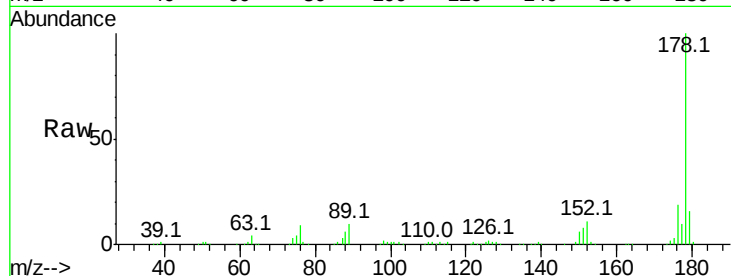
#71
 Anthracene
 Concen: 37.13 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.5	12.5	18.7

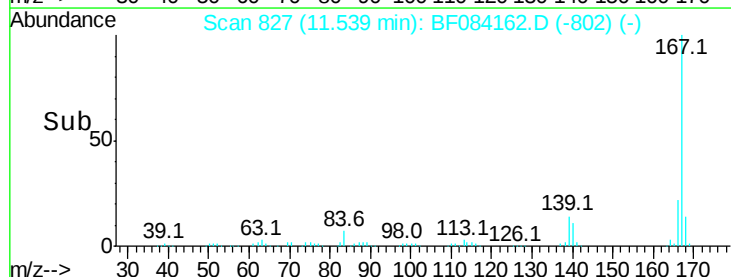
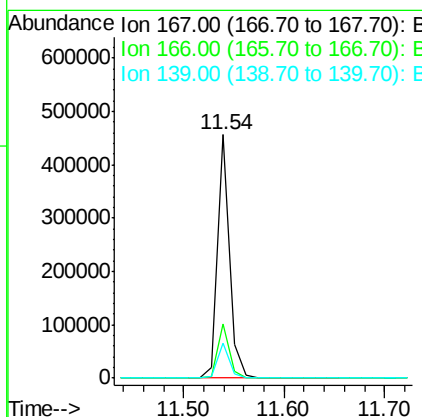
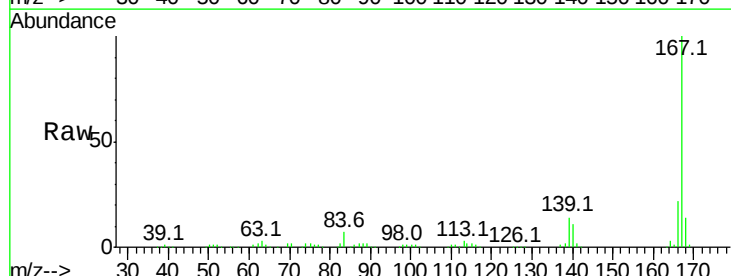
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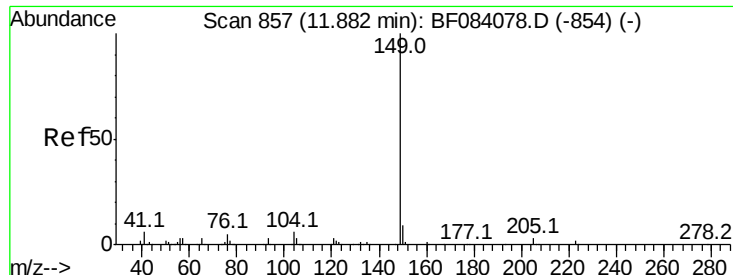
Sohil
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#72
 Carbazole
 Concen: 41.05 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	14.4	11.8	17.8





#73

Di-n-butylphthalate

Concen: 39.85 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

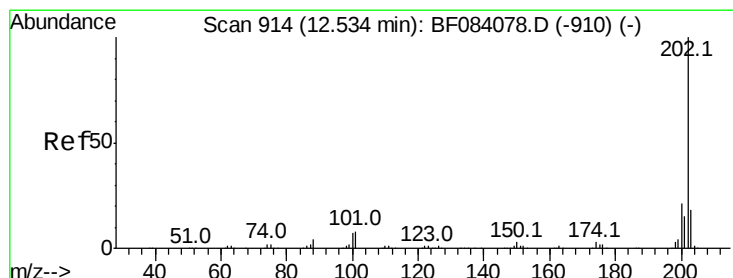
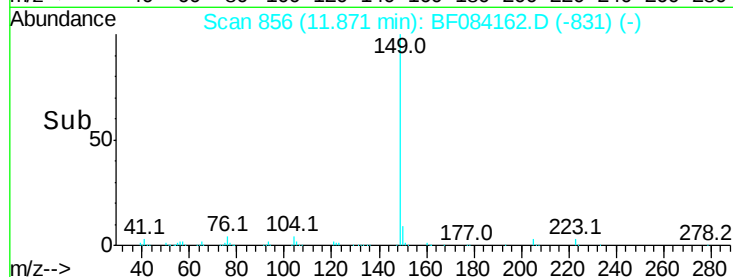
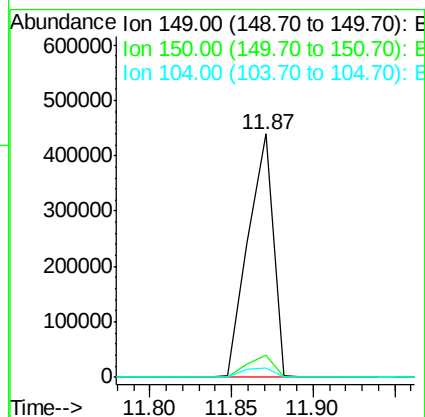
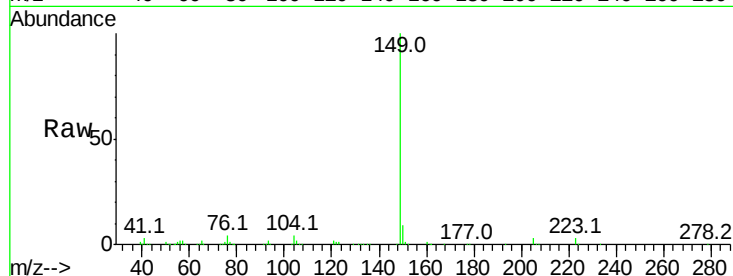
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	470075
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.1	10.7
104	4.1	3.2	4.8

Manual Integrations
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#74

Fluoranthene

Concen: 30.44 ng

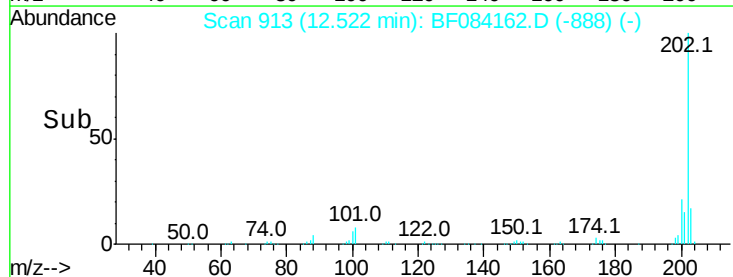
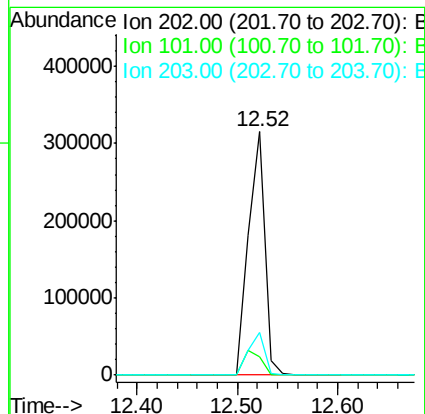
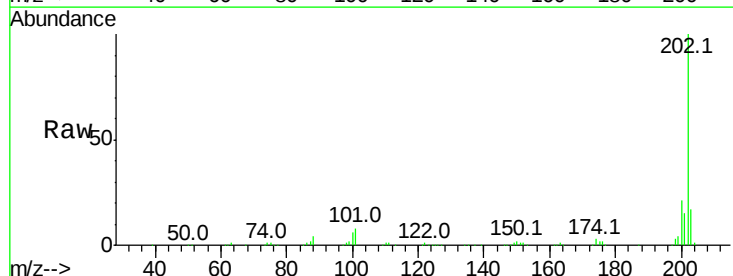
RT: 12.52 min Scan# 913

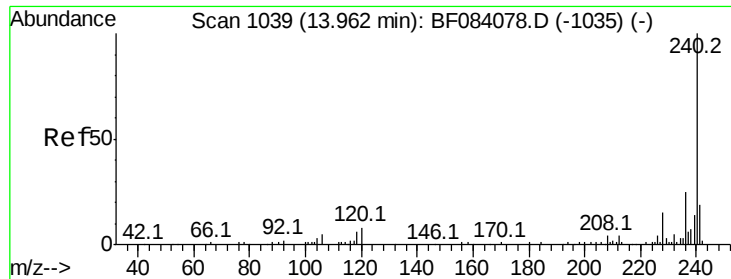
Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	202	Resp:	356523
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	32.8
203	17.4	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF084162.D

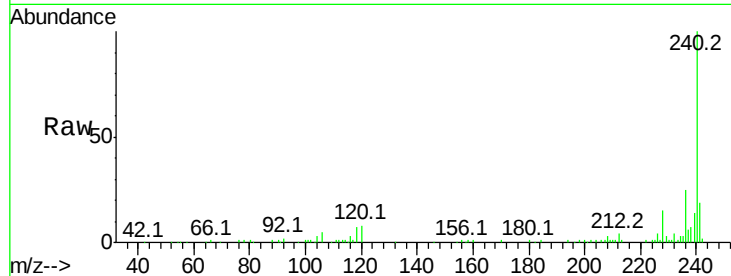
Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

ClientSampleId :

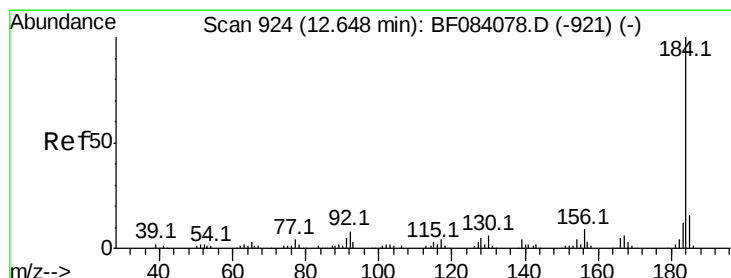
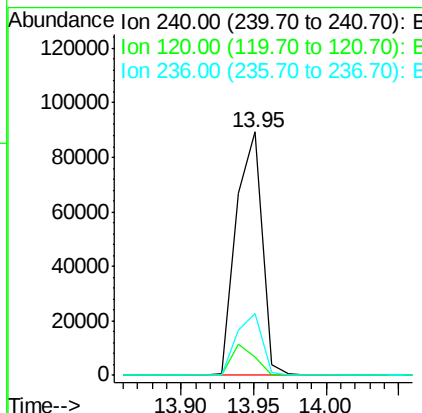
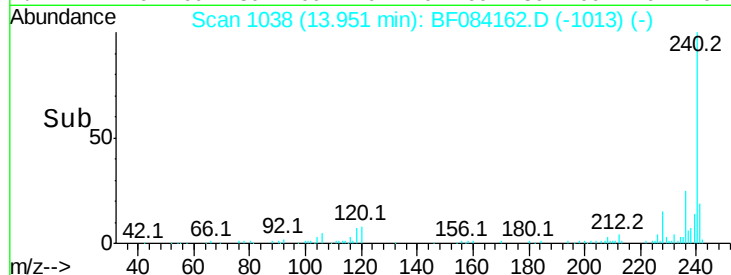
SSTDCCC040EC



Tot Ion:	240	Resp:	110900
Ion Ratio	Lower	Upper	
240	100		
120	7.7	9.5	14.3#
236	25.3	20.6	31.0

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#76

Benzidine

Concen: 40.98 ng

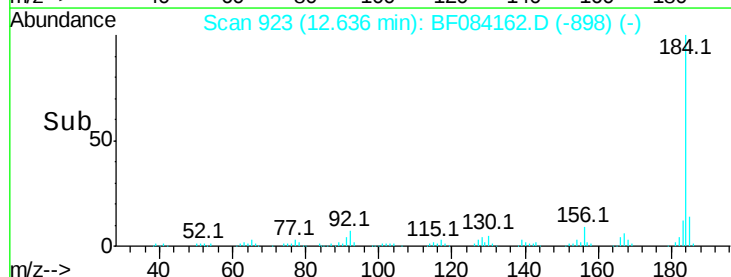
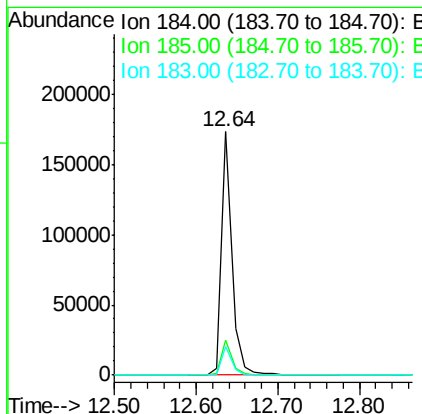
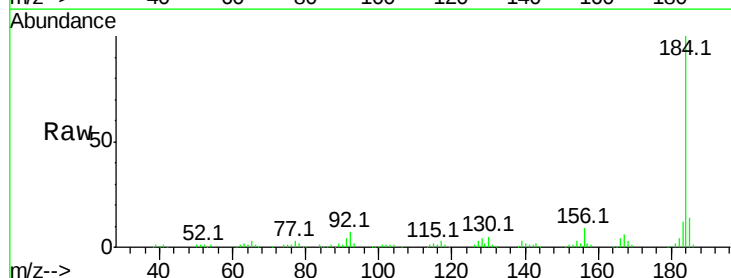
RT: 12.64 min Scan# 923

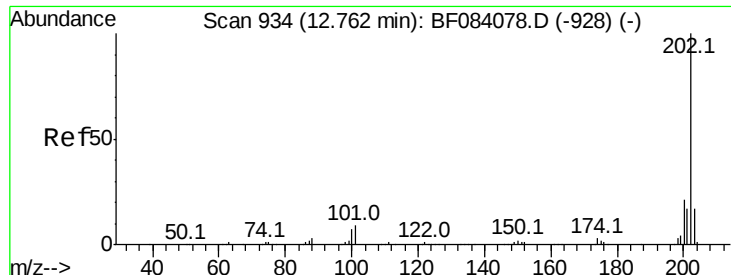
Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	184	Resp:	154475
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.2
183	11.9	9.8	14.8





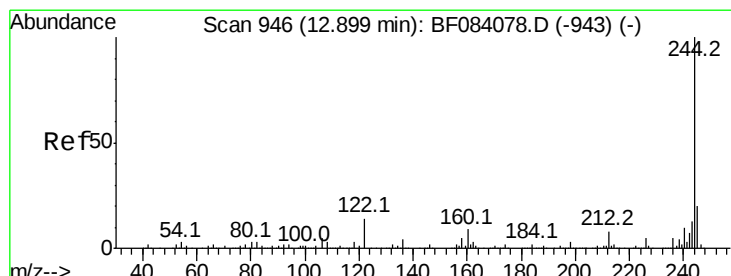
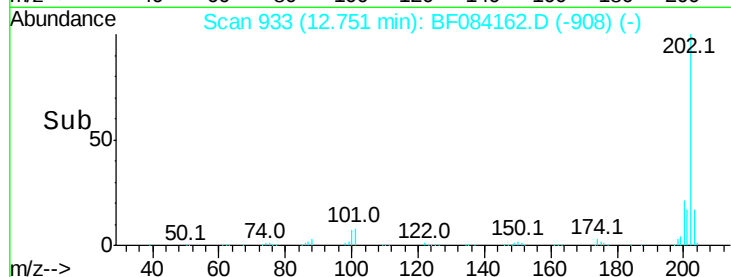
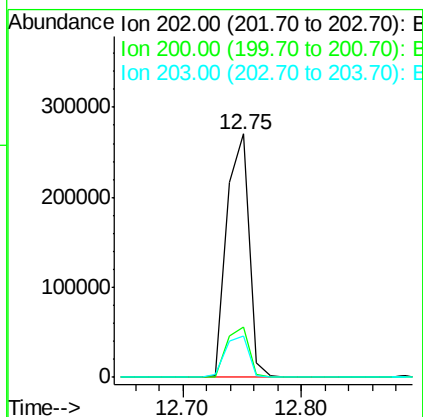
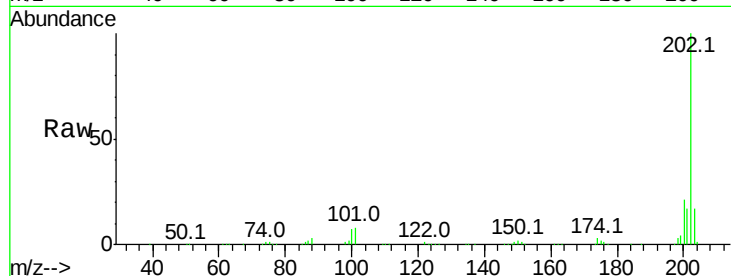
#77
Pvrene
Concen: 36.46 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
202	100	348811		
200	20.6		17.2	25.8
203	17.1		14.3	21.5

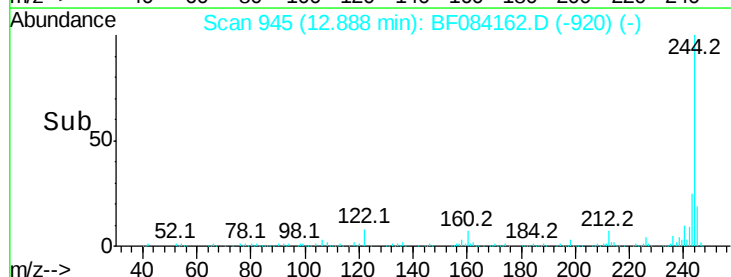
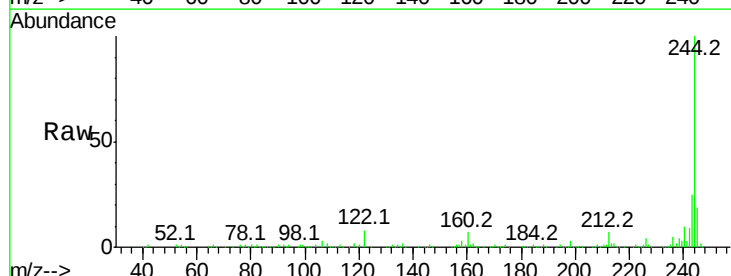
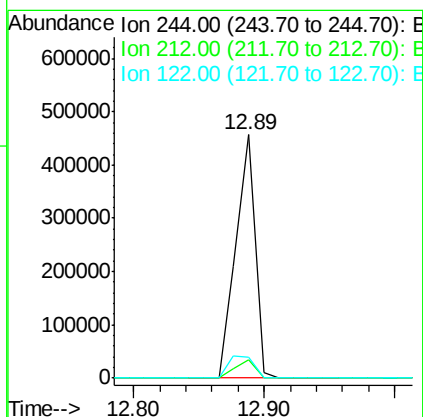
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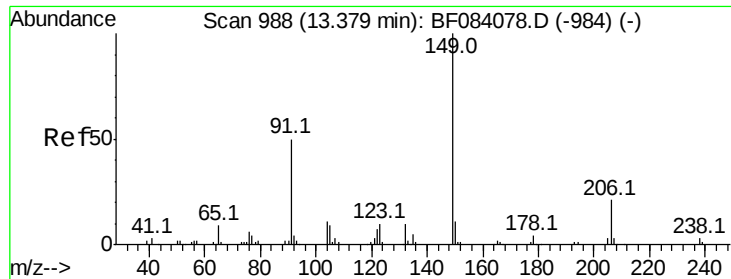
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#78
Terphenyl-d14
Concen: 76.08 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	466295		
212	7.3		5.7	8.5
122	8.5		7.4	11.0





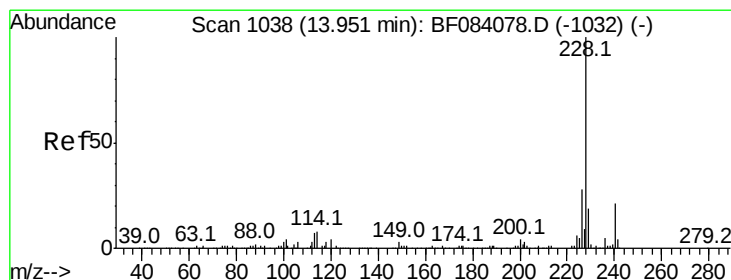
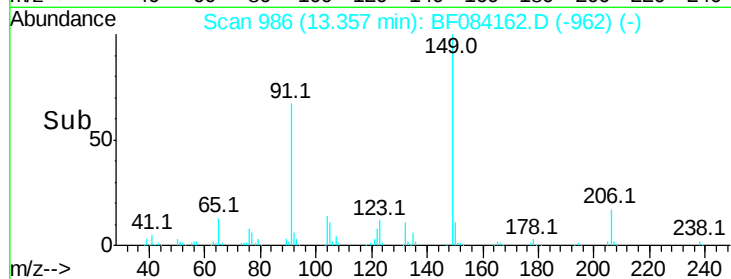
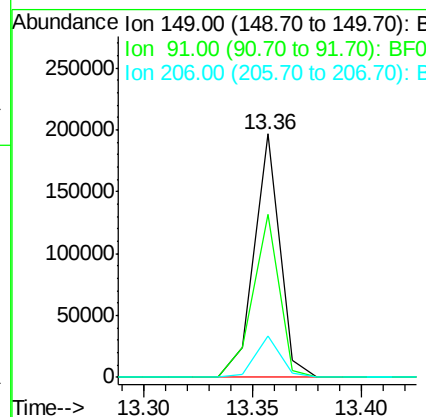
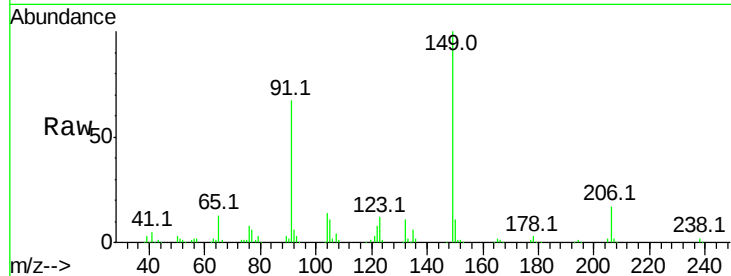
#79
Butylbenzylphthalate
Concen: 40.54 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	160553		
91	66.9	57.6	86.4	
206	16.8	13.2	19.8	

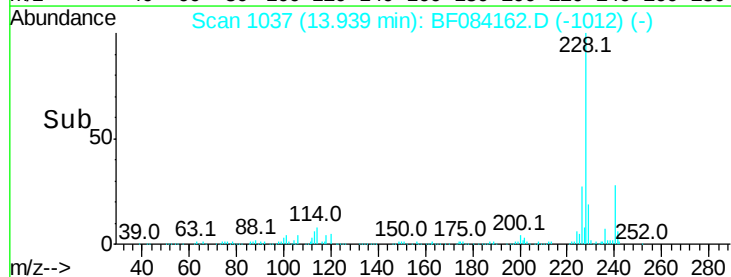
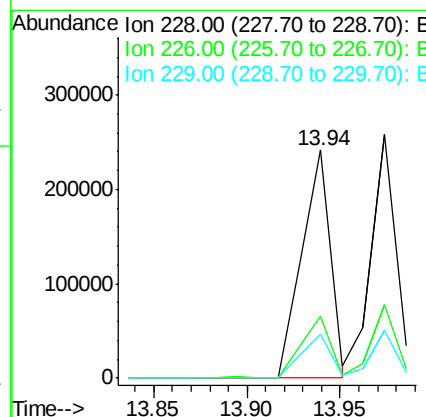
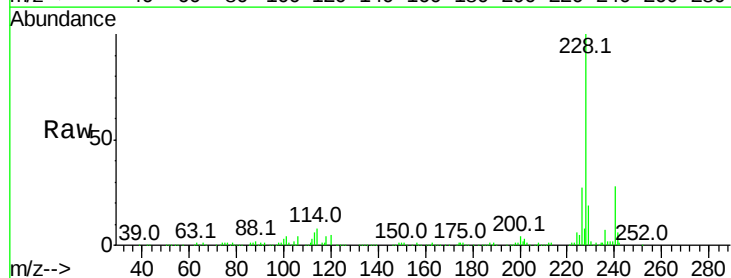
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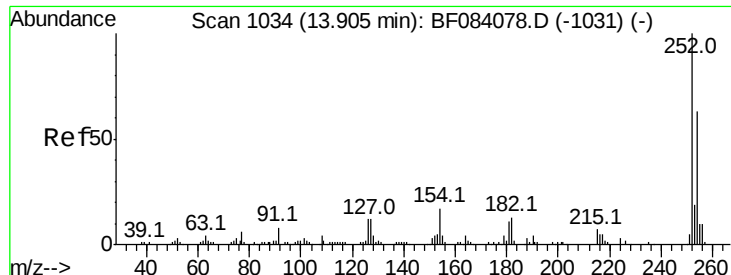
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#80
Benzo(a)anthracene
Concen: 37.95 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF084162.D
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	258870		
226	27.3	21.8	32.6	
229	19.3	15.8	23.8	





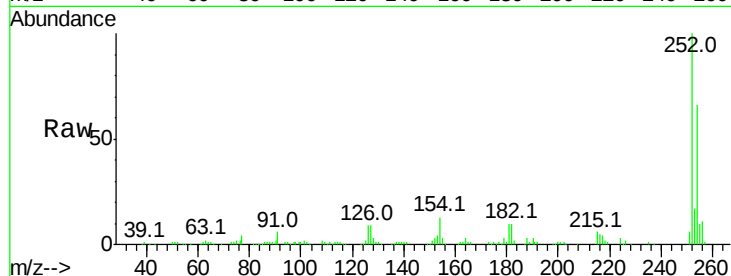
#81
 3,3'-Dichlorobenzidine
 Concen: 49.53 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

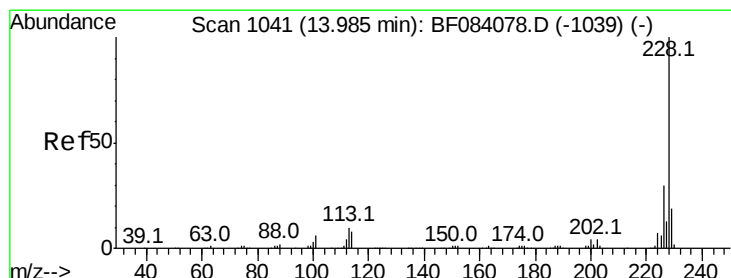
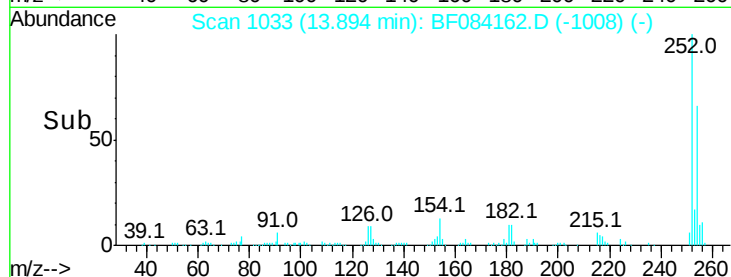
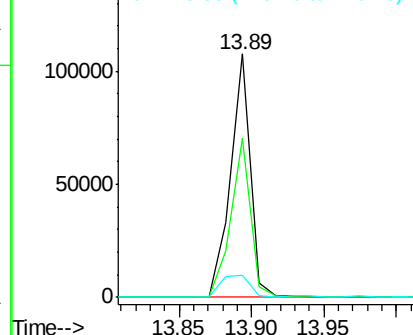
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	53.5	80.3
126	9.2	4.9	7.3

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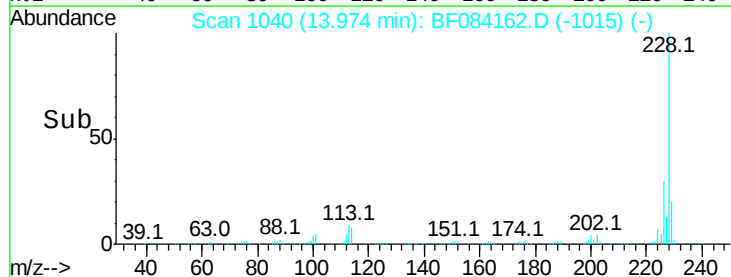
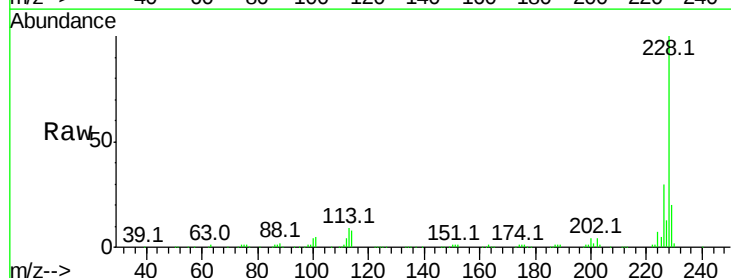
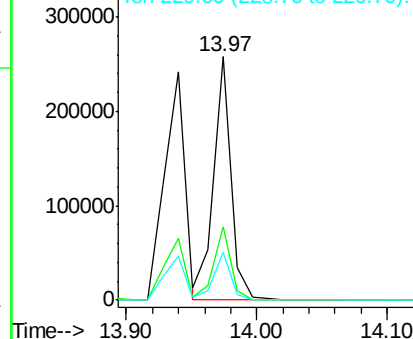
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

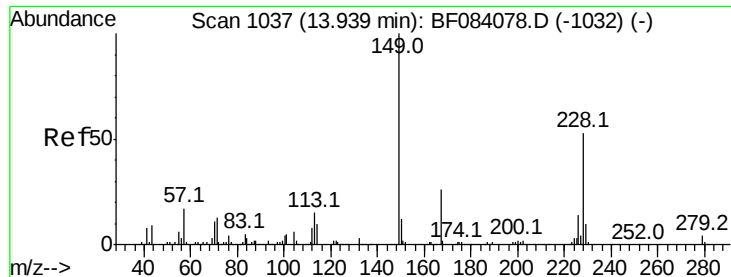


#82
 Chrysene
 Concen: 38.51 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.5	16.1	24.1

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





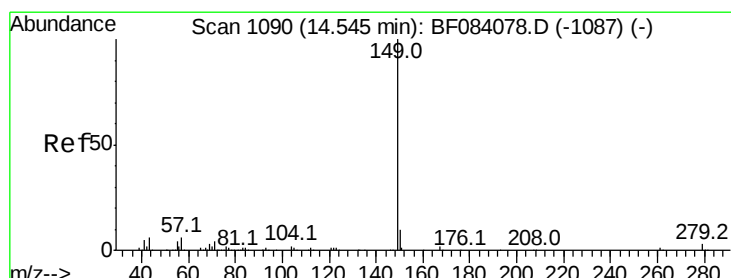
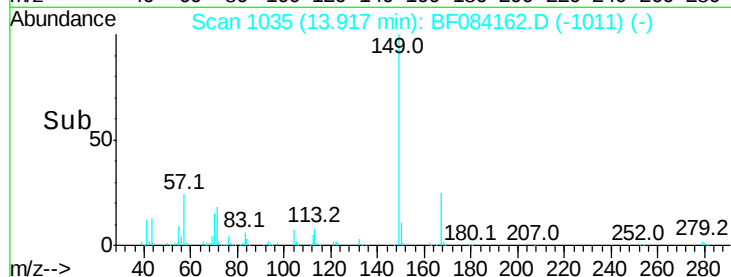
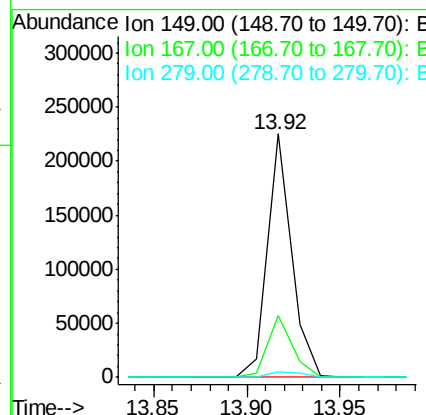
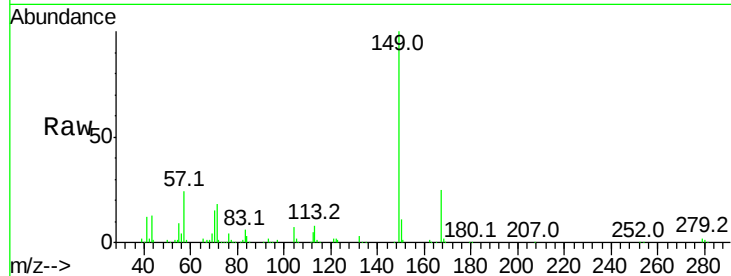
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.21 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.02 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	200669		
167	25.3		19.7	29.5
279	2.5		1.8	2.6

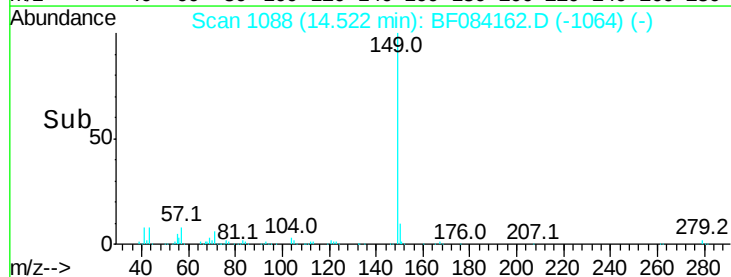
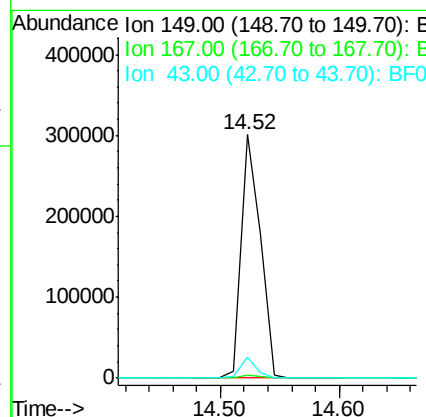
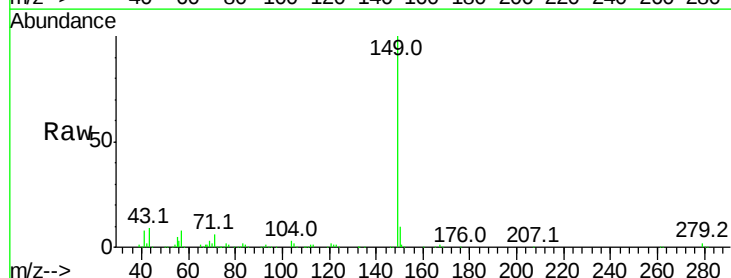
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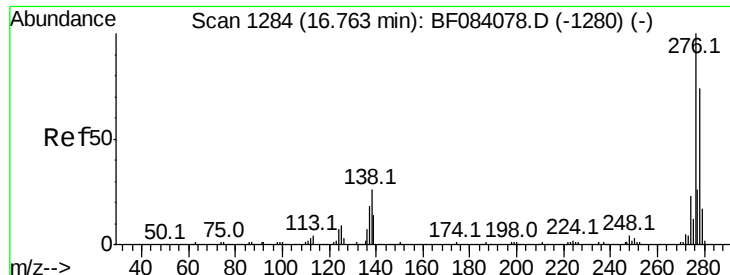
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#84
 Di-n-octyl phthalate
 Concen: 47.12 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	339337		
167	1.5		1.2	1.8
43	7.7		5.6	8.4





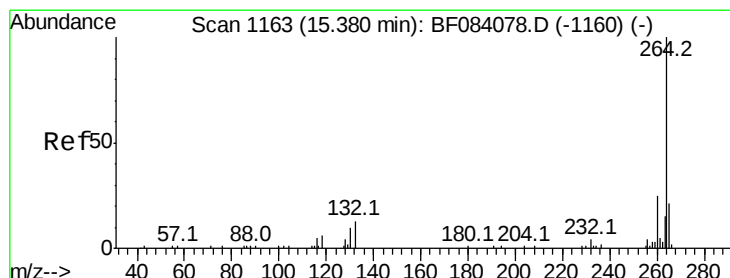
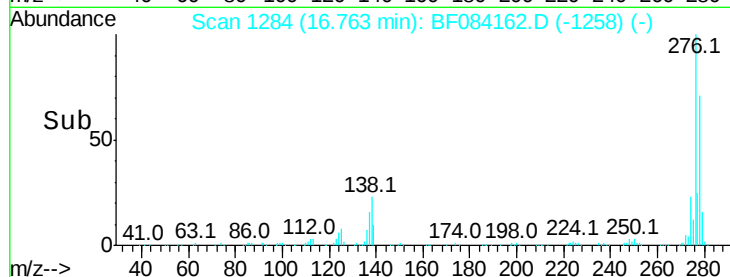
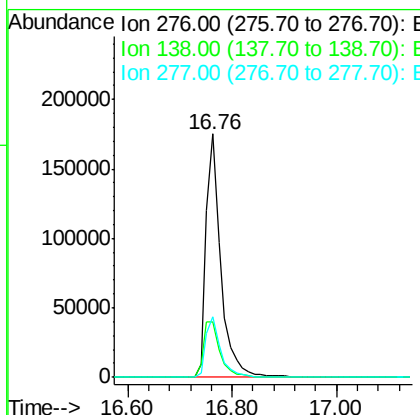
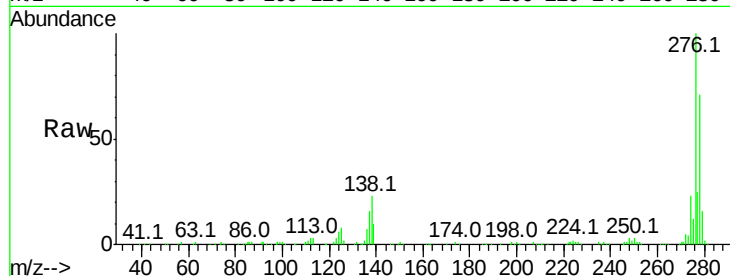
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.64 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	344183
Ion Ratio	Lower	Upper	
276	100		
138	25.9	20.6	30.8
277	25.1	20.1	30.1

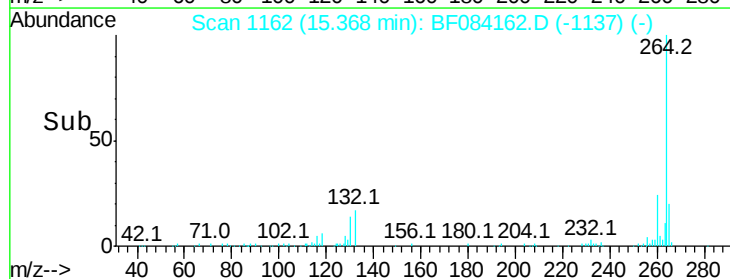
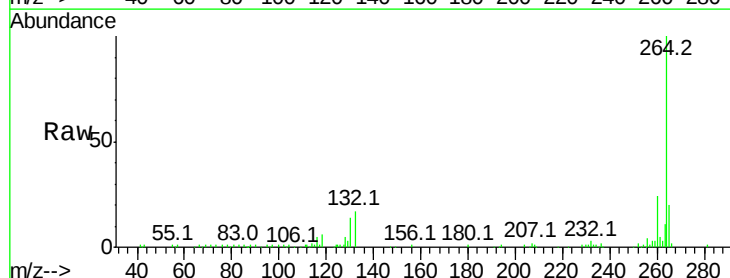
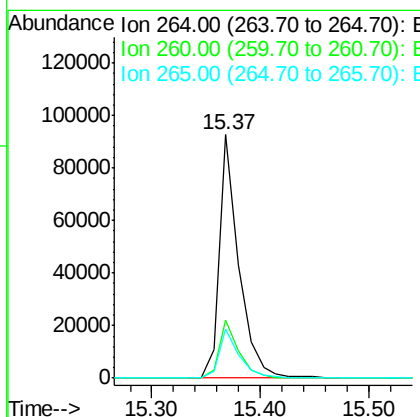
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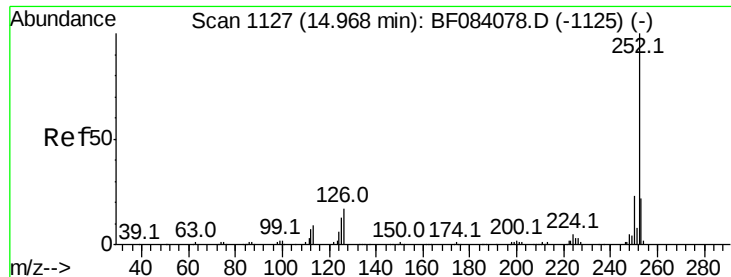
Sohil
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Tgt Ion:	264	Resp:	115084
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.2
265	20.4	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 33.75 ng m

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

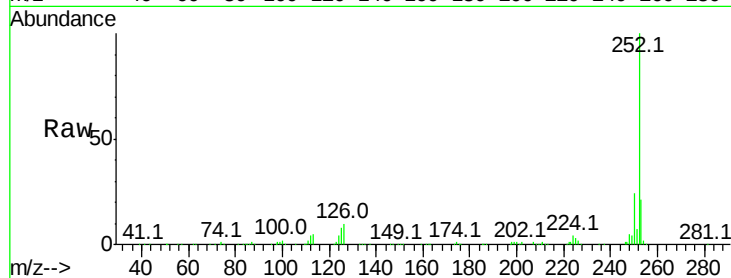
ClientSampleId :

SSTDCCC040EC

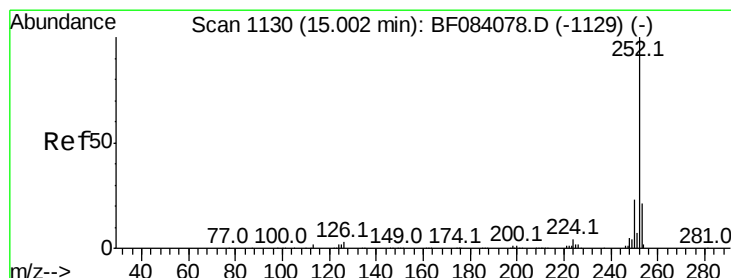
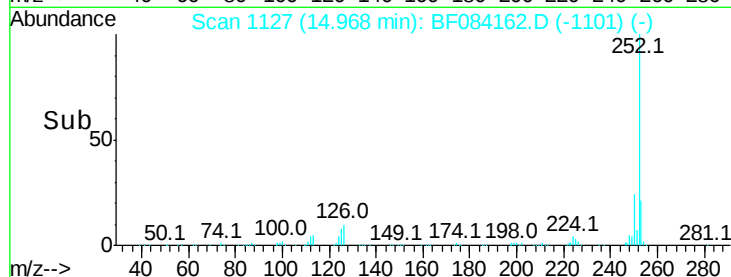
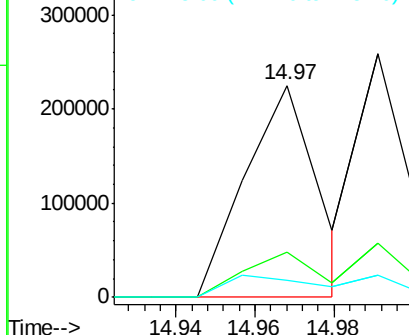
Tot Ion	Ratio	Resp	Lower	Upper
252	100	288405		
253	21.1	17.3	25.9	
125	8.0	6.5	9.7	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.35 ng m

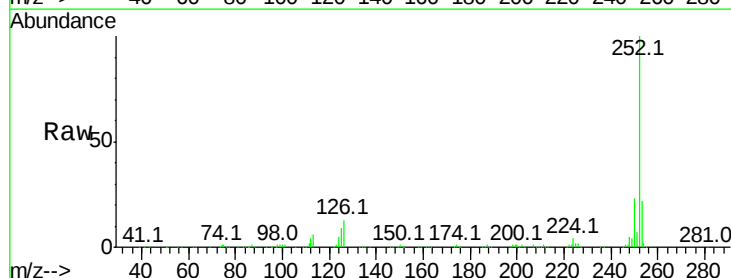
RT: 14.99 min Scan# 1129

Delta R.T. -0.01 min

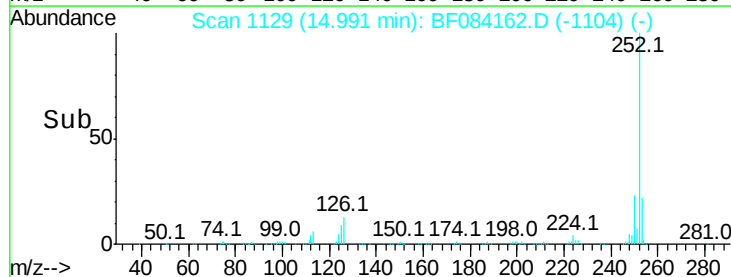
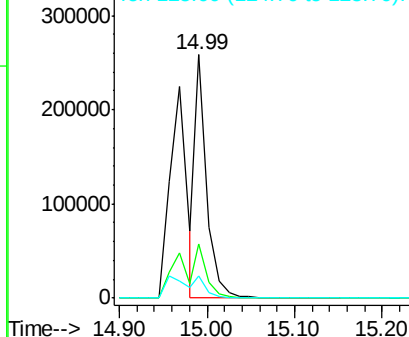
Lab File: BF084162.D

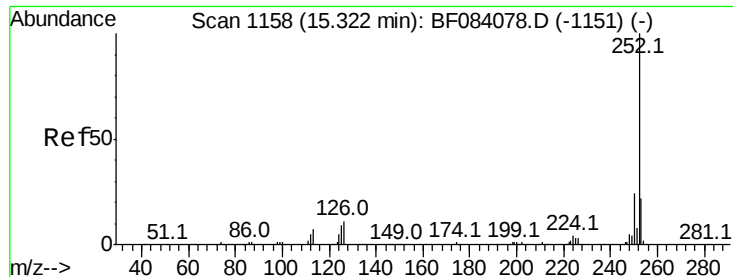
Acq: 28 Dec 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	251053		
253	22.0	18.1	27.1	
125	9.2	9.0	13.6	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.96 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Instrument :

BNA_F

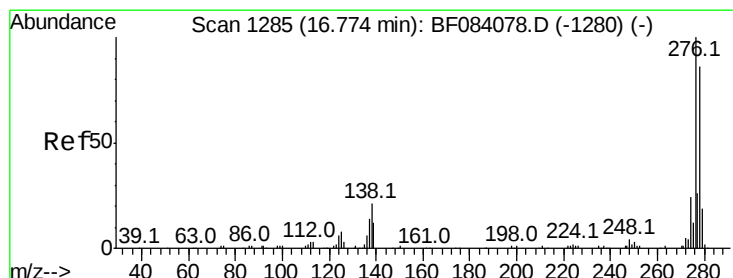
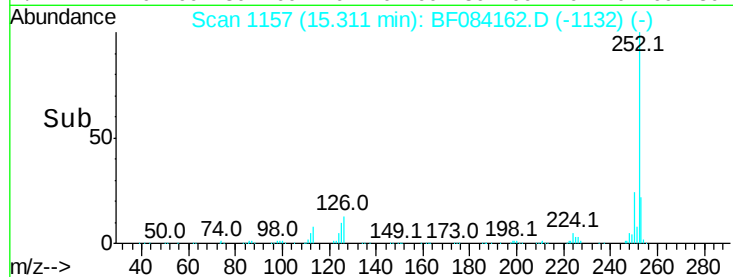
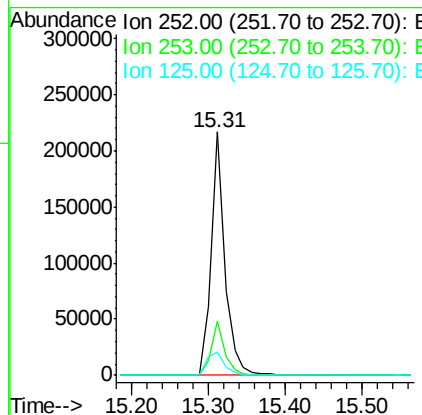
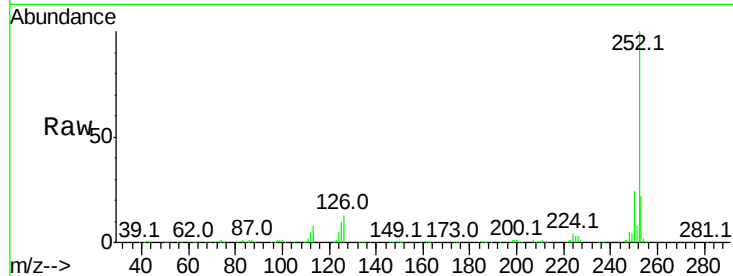
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	267259
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	9.7	7.0	10.4

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#90

Dibenzo(a,h)anthracene

Concen: 41.35 ng

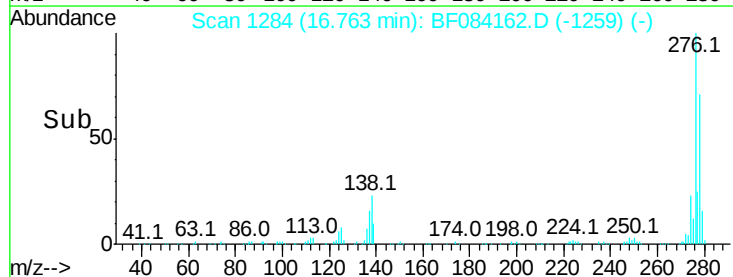
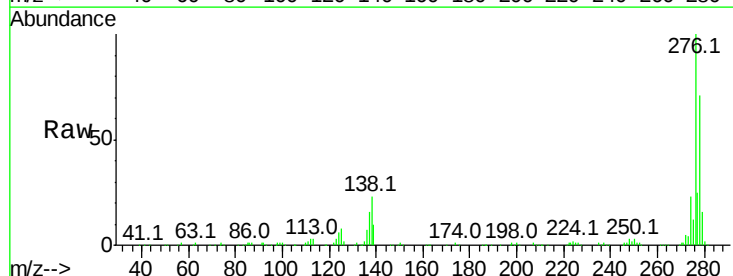
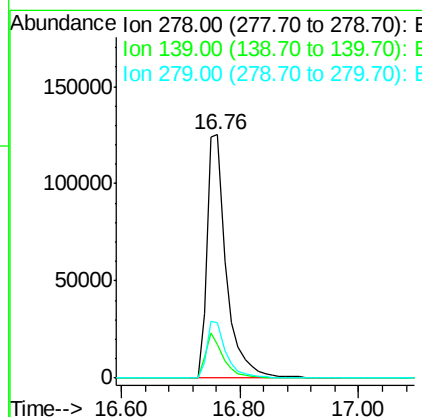
RT: 16.76 min Scan# 1284

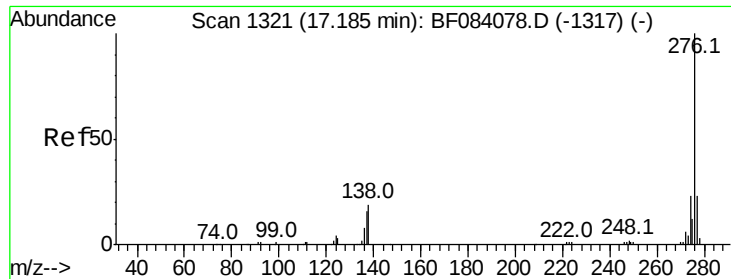
Delta R.T. -0.01 min

Lab File: BF084162.D

Acq: 28 Dec 2015 18:17

Tgt Ion:	278	Resp:	284153
Ion Ratio	Lower	Upper	
278	100		
139	13.9	15.0	22.4#
279	22.5	18.9	28.3





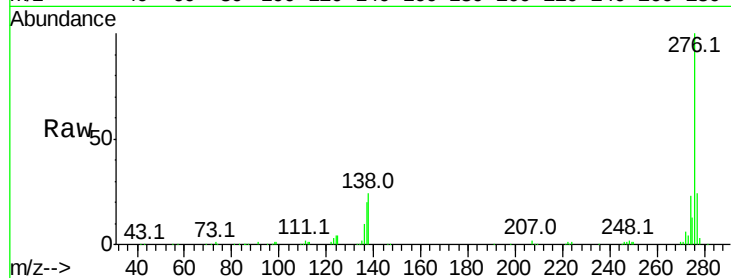
#91
 Benzo(a,h,i)perylene
 Concen: 41.24 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF084162.D
 Acq: 28 Dec 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	23.5	17.8	26.6

Manual Integrations
 APPROVED

Sohil
 12/29/2015 4:53:38 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

