

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080399.D
 Acq On : 8 Jul 2015 20:49
 Operator : TP/UM
 Sample : G2866-10MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MSD

Manual Integrations
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Quant Time: Jul 09 12:29:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	35513	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	109475	20.00	ng	0.01
38) Acenaphthene-d10	10.30	164	68086	20.00	ng	0.03
63) Phenanthrene-d10	11.81	188	72649	20.00	ng	0.03
75) Chrysene-d12	14.59	240	156619m	20.00	ng	-0.25
86) Perylene-d12	16.35	264	162336m	20.00	ng	-0.41

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	237614	122.54	ng	0.00
7) Phenol-d6	6.82	99	324439	126.23	ng	0.00
23) Nitrobenzene-d5	7.77	82	246355	131.25	ng	0.00
41) 2,4,6-Tribromophenol	11.10	330	63847	89.62	ng	0.05
44) 2-Fluorobiphenyl	9.61	172	216434	42.90	ng	0.03
78) Terphenyl-d14	13.41	244	365238m	54.39	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	25671	28.04	ng	96
3) Pyridine	3.85	79	57951	24.87	ng	99
4) n-Nitrosodimethylamine	3.72	42	33935	31.00	ng	96
6) Aniline	6.88	93	81702	22.96	ng	# 95
8) 2-Chlorophenol	6.99	128	81183	36.12	ng	91
9) Benzaldehyde	6.75	77	51989	36.37	ng	88
10) Phenol	6.83	94	112433	40.34	ng	90
11) bis(2-Chloroethyl)ether	6.93	93	78766	37.46	ng	# 70
12) 1,3-Dichlorobenzene	7.15	146	89419	32.40	ng	97
13) 1,4-Dichlorobenzene	7.23	146	83881	32.55	ng	# 87
14) 1,2-Dichlorobenzene	7.39	146	78003m	29.91	ng	
15) Benzyl Alcohol	7.33	79	115962	58.28	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	7.48	45	107339	31.57	ng	69
17) 2-Methylphenol	7.45	107	66216	38.01	ng	# 87
18) Hexachloroethane	7.79	117	421385	508.93	ng	# 20
19) n-Nitroso-di-n-propylamine	7.61	70	73891	44.30	ng	# 90
20) 3+4-Methylphenols	7.60	107	89319	36.78	ng	91
22) Acetophenone	7.61	105	95872	37.96	ng	# 62
24) Nitrobenzene	7.79	77	109517	58.09	ng	# 76
25) Isophorone	8.03	82	367976	101.86	ng	# 22
26) 2-Nitrophenol	8.11	139	38064	46.65	ng	# 1
27) 2,4-Dimethylphenol	8.14	122	97074	60.47	ng	93
28) bis(2-Chloroethoxy)methane	8.24	93	81807	36.46	ng	# 1
29) 2,4-Dichlorophenol	8.36	162	78162	54.84	ng	# 63
30) 1,2,4-Trichlorobenzene	8.45	180	71881	42.43	ng	# 97
31) Naphthalene	8.53	128	492253	87.66	ng	# 49
32) Benzoic acid	8.14	122	97074	89.26	ng	# 46
33) 4-Chloroaniline	8.57	127	71094	31.76	ng	# 1
34) Hexachlorobutadiene	8.66	225	32415	31.46	ng	99
35) Caprolactam	8.94	113	259306	589.10	ng	# 21
36) 4-Chloro-3-methylphenol	9.05	107	64766	44.04	ng	# 80
37) 2-Methylnaphthalene	9.24	142	98258	27.45	ng	# 33
39) 1,2,4,5-Tetrachlorobenzene	9.42	216	45508	21.09	ng	# 67
40) Hexachlorocyclopentadiene	9.41	237	15900	23.22	ng	94

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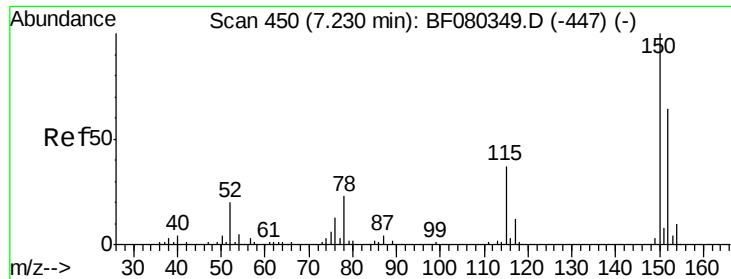
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	30353	21.35	ng	# 80
43) 2,4,5-Trichlorophenol	9.55	196	25549m	15.42	ng	
45) 1,1'-Biphenyl	9.71	154	122101	20.21	ng	82
46) 2-Chloronaphthalene	9.74	162	116564	25.30	ng	# 9
47) 2-Nitroaniline	9.82	65	82210	63.76	ng	# 78
48) Acenaphthylene	10.18	152	227629	29.68	ng	# 33
49) Dimethylphthalate	10.00	163	105460	19.29	ng	# 80
50) 2,6-Dinitrotoluene	10.08	165	47860	41.88	ng	# 62
51) Acenaphthene	10.35	154	279150	60.80	ng	# 57
52) 3-Nitroaniline	10.22	138	34604	26.87	ng	# 69
53) 2,4-Dinitrophenol	10.40	184	8825	23.70	ng	# 1
54) Dibenzofuran	10.52	168	304364	46.63	ng	# 1
55) 4-Nitrophenol	10.42	139	192615	204.06	ng	# 60
56) 2,4-Dinitrotoluene	10.51	165	196954	134.01	ng	# 67
57) Fluorene	10.88	166	508152	90.40	ng	# 72
58) 2,3,4,6-Tetrachlorophenol	10.65	232	13809	10.41	ng	# 1
59) Diethylphthalate	10.70	149	97807	17.91	ng	# 75
60) 4-Chlorophenyl-phenylether	10.85	204	41448	16.66	ng	# 1
61) 4-Nitroaniline	10.84	138	21942m	17.55	ng	
62) Azobenzene	11.01	77	136409	26.30	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.86	198	10195	26.74	ng	# 1
65) n-Nitrosodiphenylamine	10.98	169	1070980	462.81	ng	# 48
66) 4-Bromophenyl-phenylether	11.34	248	33202	39.89	ng	# 1
67) Hexachlorobenzene	11.46	284	36527	41.84	ng	# 36
68) Atrazine	11.48	200	49676	72.11	ng	# 50
69) Pentachlorophenol	11.62	266	36134	83.71	ng	# 94
70) Phenanthrene	11.85	178	1842065	422.74	ng	# 92
71) Anthracene	11.89	178	297731	69.68	ng	# 78
72) Carbazole	12.03	167	161307	40.48	ng	# 55
73) Di-n-butylphthalate	12.34	149	159868	35.07	ng	# 79
74) Fluoranthene	13.06	202	764632	163.31	ng	95
76) Benzidine	13.14	184	111428m	28.05	ng	
77) Pyrene	13.29	202	808047m	85.30	ng	
79) Butylbenzylphthalate	13.90	149	151461m	40.07	ng	
80) Benzo(a)anthracene	14.58	228	525246m	55.65	ng	
81) 3,3'-Dichlorobenzidine	14.52	252	79323m	25.34	ng	
82) Chrysene	14.63	228	452186m	51.20	ng	
83) Bis(2-ethylhexyl)phthalate	14.56	149	262002m	45.47	ng	
84) Di-n-octyl phthalate	15.30	149	404690m	42.52	ng	
85) Indeno(1,2,3-cd)pyrene	18.09	276	418306m	40.28	ng	
87) Benzo(b)fluoranthene	15.84	252	478457m	46.90	ng	
88) Benzo(k)fluoranthene	15.87	252	368588m	38.17	ng	
89) Benzo(a)pyrene	16.27	252	414825m	44.46	ng	
90) Dibenzo(a,h)anthracene	18.11	278	318380m	34.65	ng	
91) Benzo(g,h,i)perylene	18.61	276	347747m	37.32	ng	

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



#1

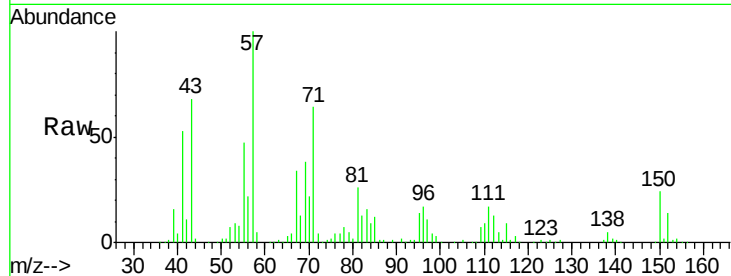
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

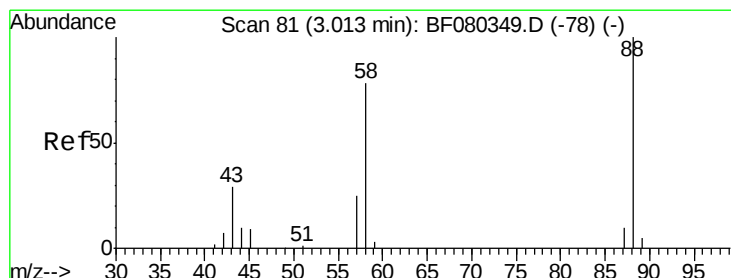
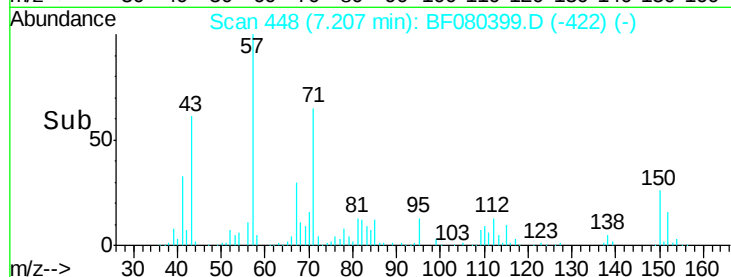
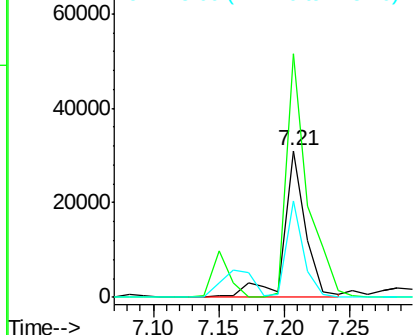
Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.7	124.7	187.1
115	65.5	45.7	68.5

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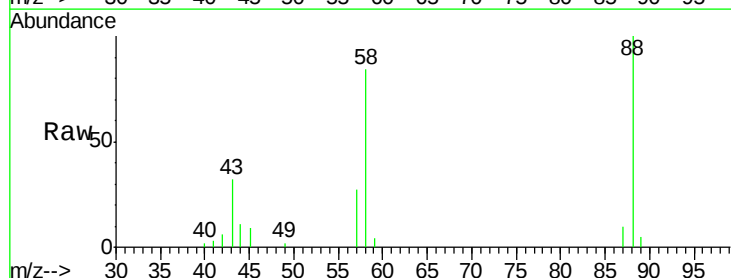
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



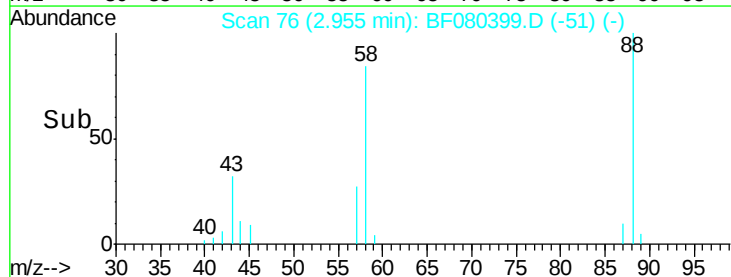
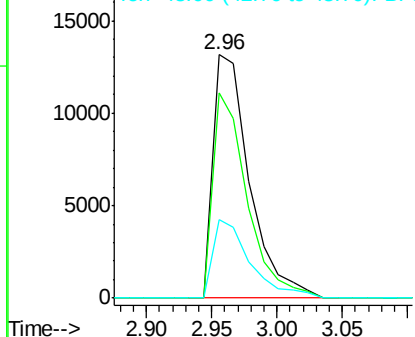
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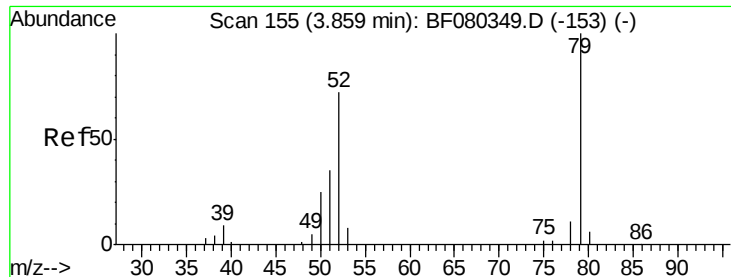
1,4-Dioxane
Concen: 28.04 ng
RT: 2.96 min Scan# 76
Delta R.T. -0.01 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	61.0	91.6
43	32.9	23.4	35.0



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

Pyridine

Concen: 24.87 ng

RT: 3.85 min Scan# 154

Delta R.T. 0.03 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

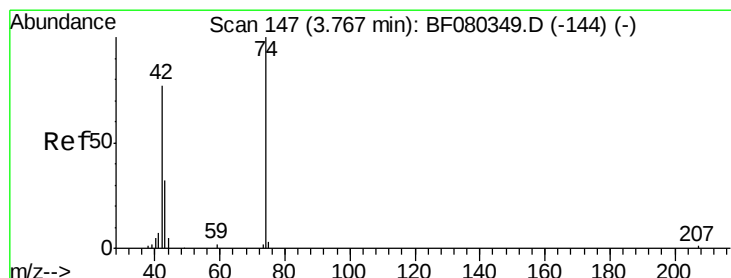
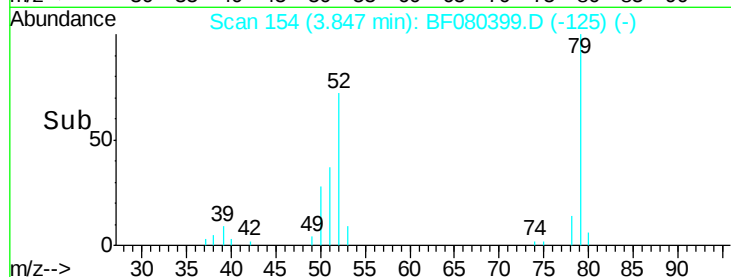
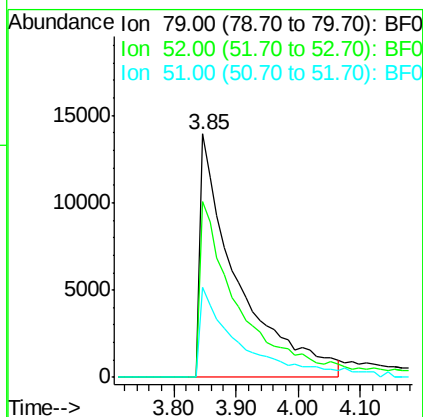
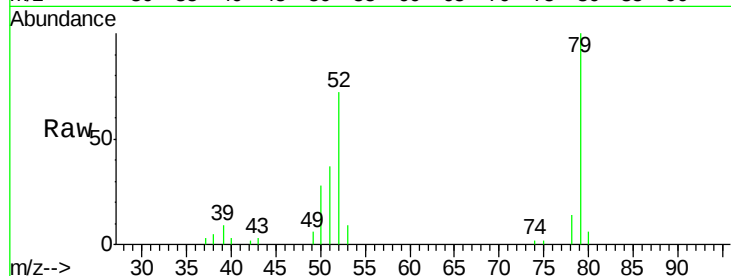
ClientSampleId :

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Tgt Ion:	79	Resp:	57951
Ion	Ratio	Lower	Upper
79	100		
52	72.4	57.2	85.8
51	36.9	29.4	44.0

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#4

n-Nitrosodimethylamine

Concen: 31.00 ng

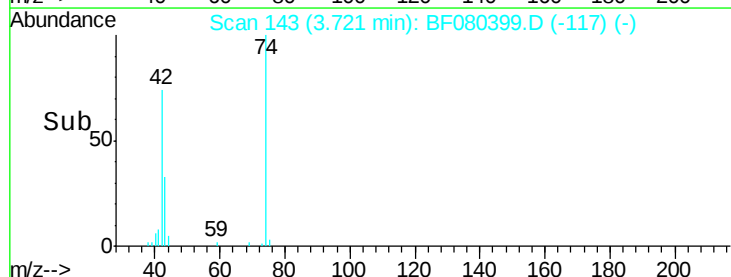
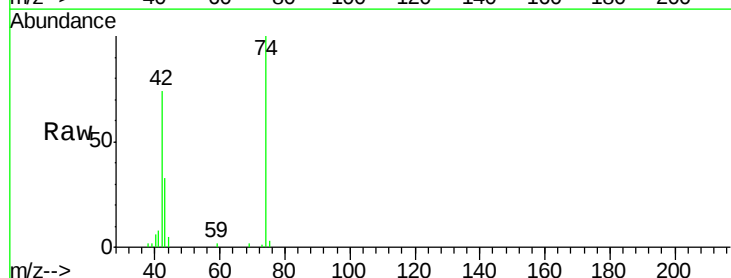
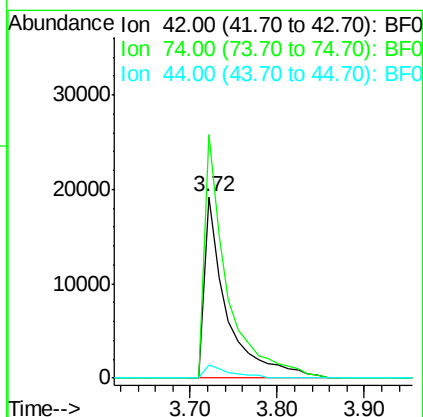
RT: 3.72 min Scan# 143

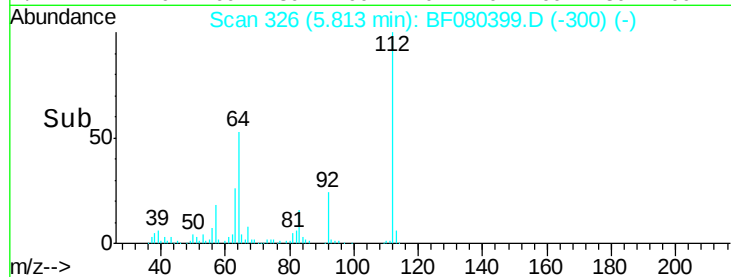
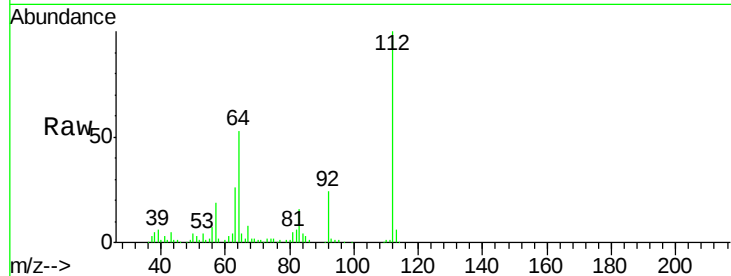
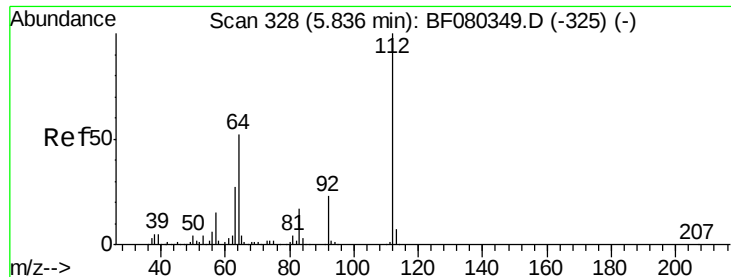
Delta R.T. -0.00 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:	42	Resp:	33935
Ion	Ratio	Lower	Upper
42	100		
74	134.5	103.4	155.0
44	7.2	5.4	8.0





#5

2-Fluorophenol

Concen: 122.54 ng

RT: 5.81 min Scan# 326

Delta R.T. -0.00 min

Lab File: BF080399.D

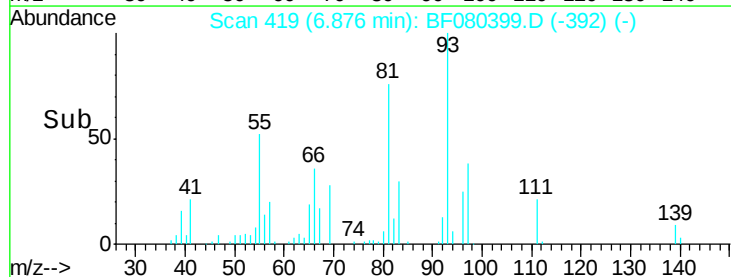
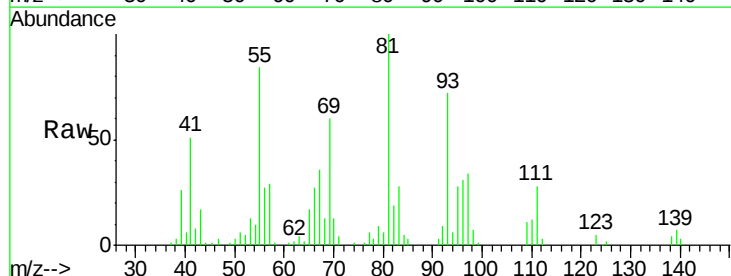
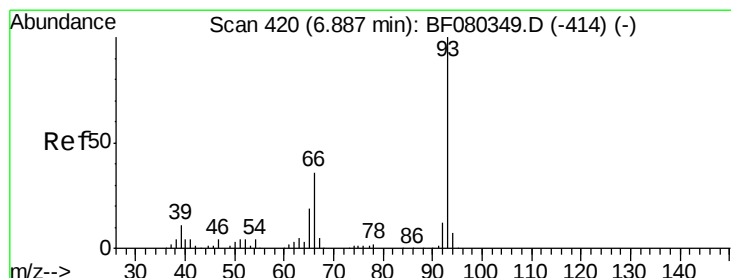
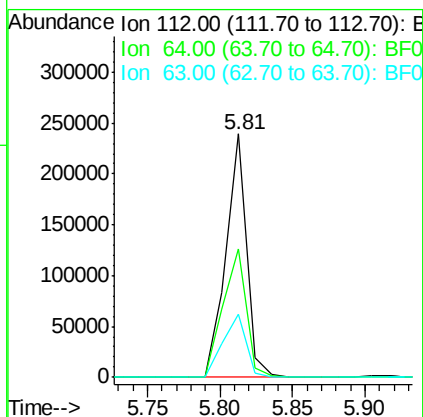
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	237614		
64	52.8	41.8	62.6	
63	25.8	21.5	32.3	

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#6

Aniline

Concen: 22.96 ng

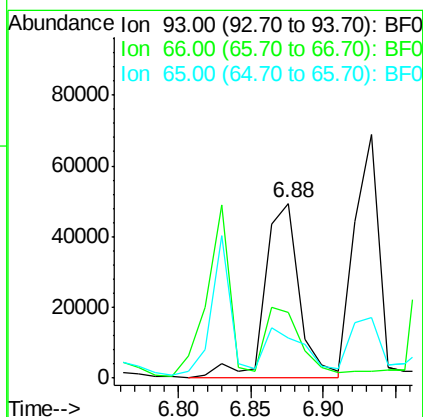
RT: 6.88 min Scan# 419

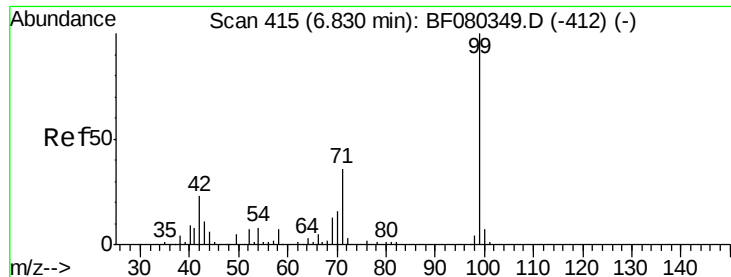
Delta R.T. 0.01 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	81702		
66	37.3	28.7	43.1	
65	23.2	14.8	22.2	





#7

Phenol-d6

Concen: 126.23 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

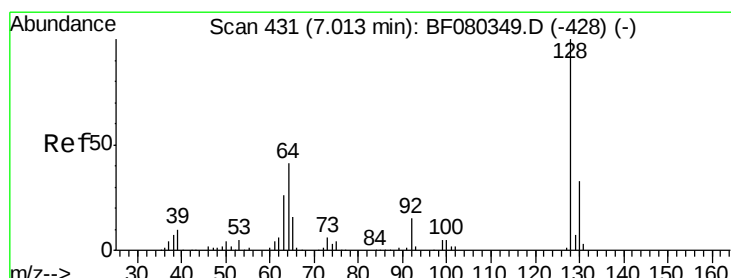
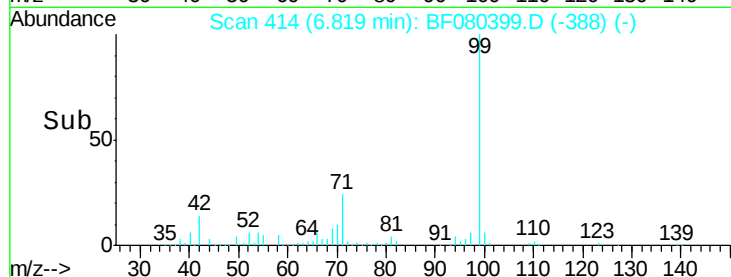
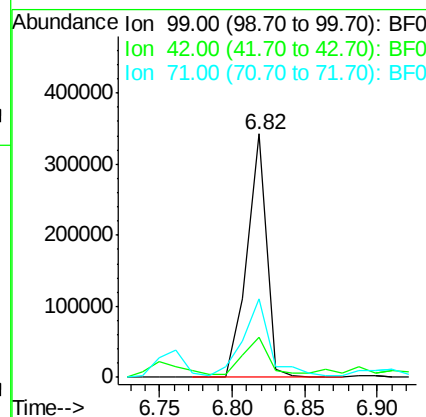
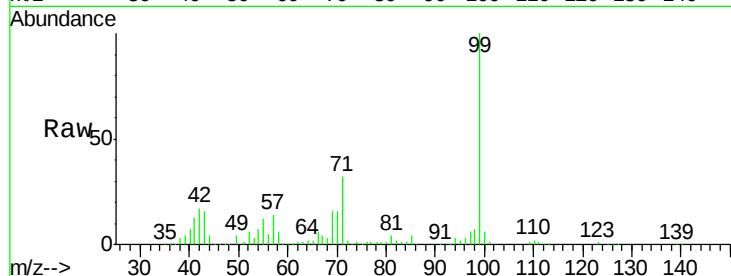
ClientSampleId :

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Tgt Ion:	99	Resp:	324439
Ion Ratio	Lower	Upper	
99	100		
42	16.6	18.5	27.7#
71	32.0	28.5	42.7

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#8

2-Chlorophenol

Concen: 36.12 ng

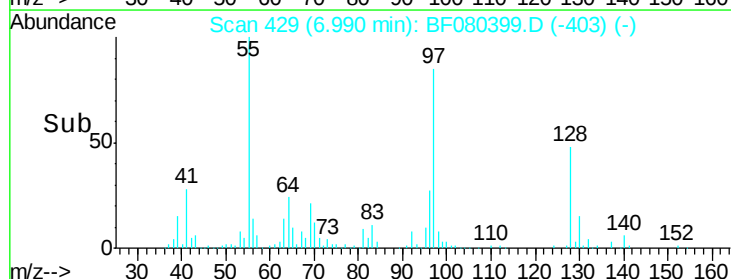
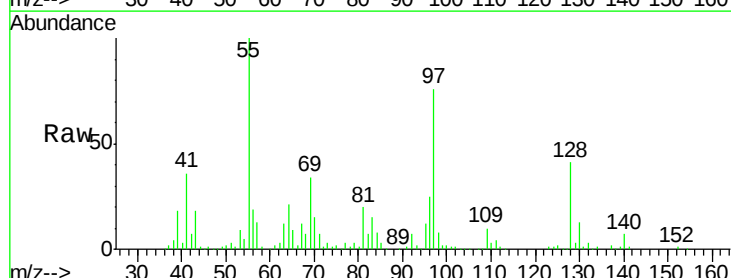
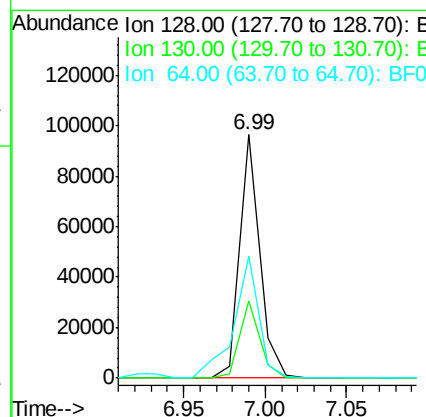
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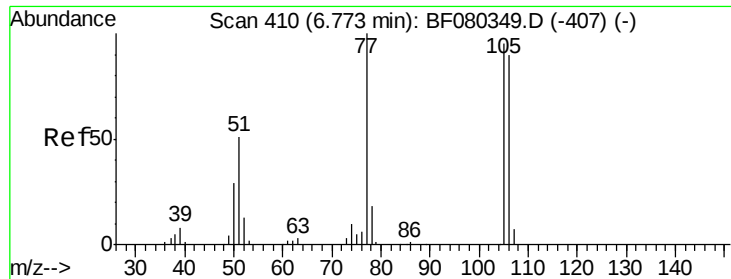
Delta R.T. -0.00 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:	128	Resp:	81183
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.8	52.8
64	50.2	21.1	61.1





#9

Benzaldehyde

Concen: 36.37 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

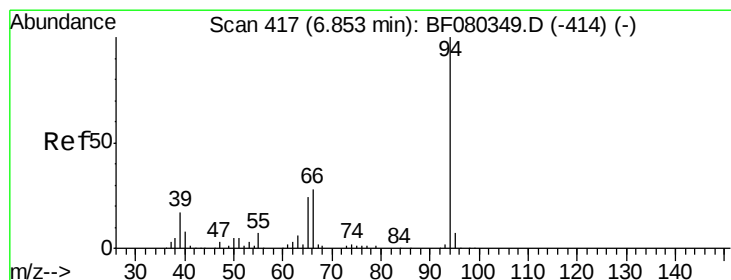
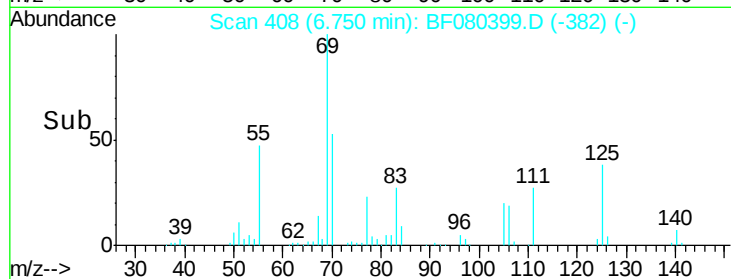
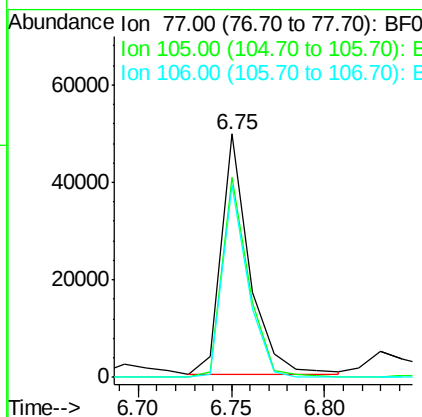
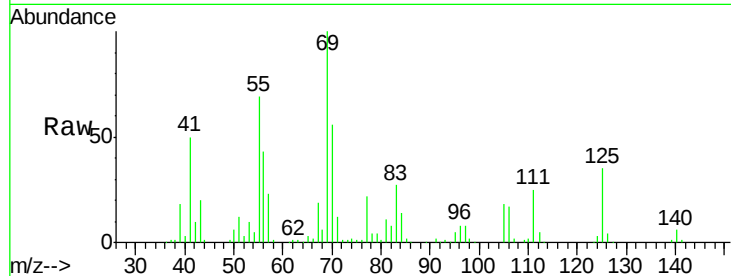
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Tgt Ion:	77	Resp:	51989
Ion Ratio	Lower	Upper	
77	100		
105	82.3	75.2	115.2
106	79.2	69.9	109.9

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#10

Phenol

Concen: 40.34 ng

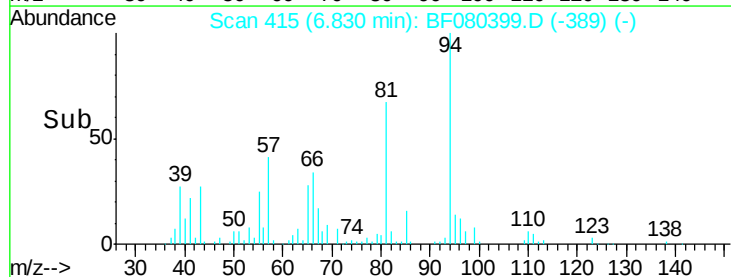
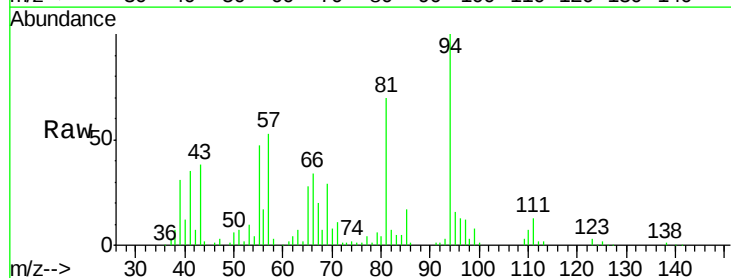
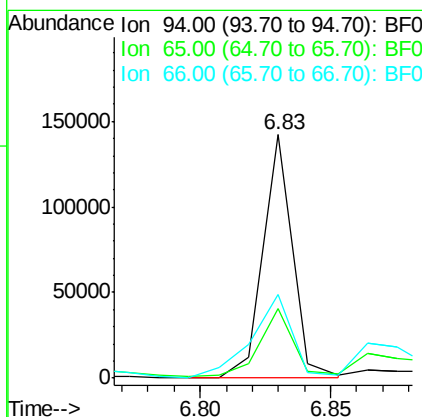
RT: 6.83 min Scan# 415

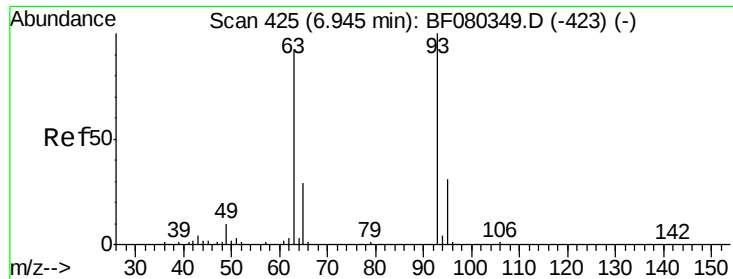
Delta R.T. -0.00 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:	94	Resp:	112433
Ion Ratio	Lower	Upper	
94	100		
65	28.4	3.5	43.5
66	34.3	8.5	48.5





#11

bis(2-Chloroethyl)ether

Concen: 37.46 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115MSD

Tgt Ion: 93 Resp: 78766

Ion Ratio Lower Upper

93 100

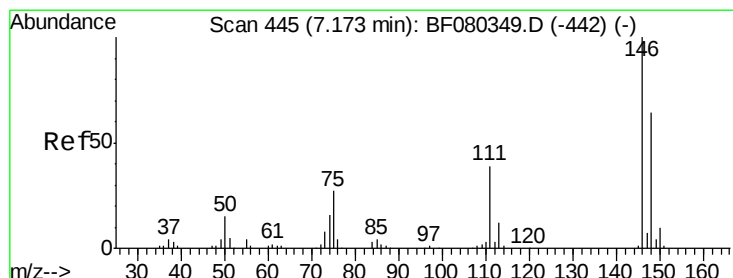
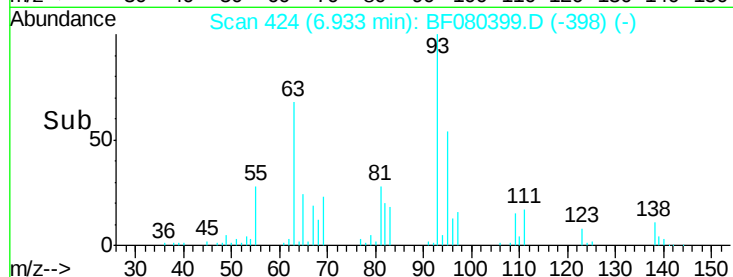
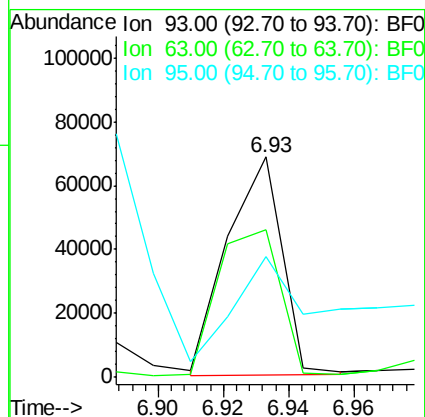
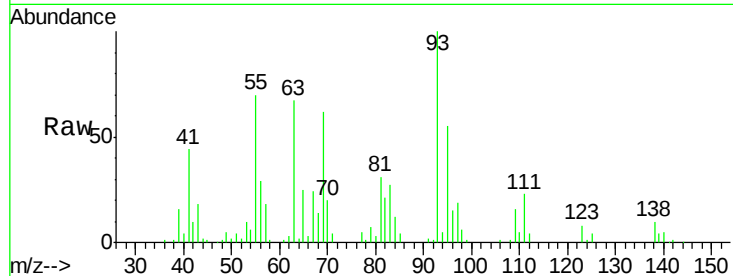
63 67.3 71.3 111.3#

95 54.9 11.3 51.3#

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#12

1,3-Dichlorobenzene

Concen: 32.40 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

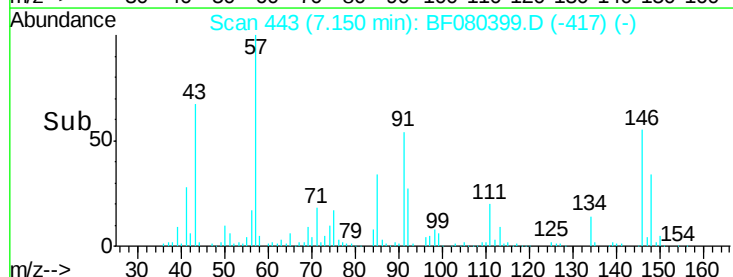
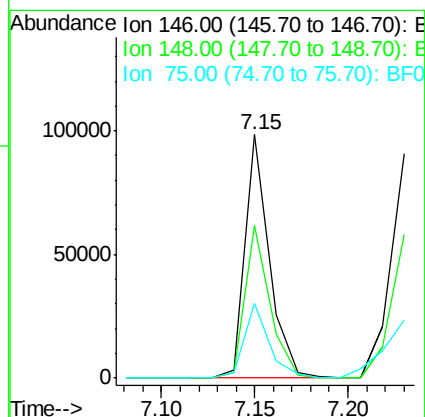
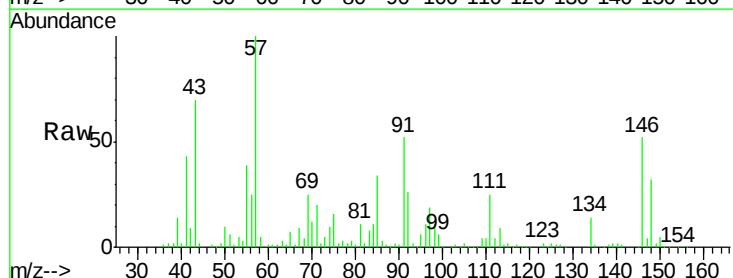
Tgt Ion: 146 Resp: 89419

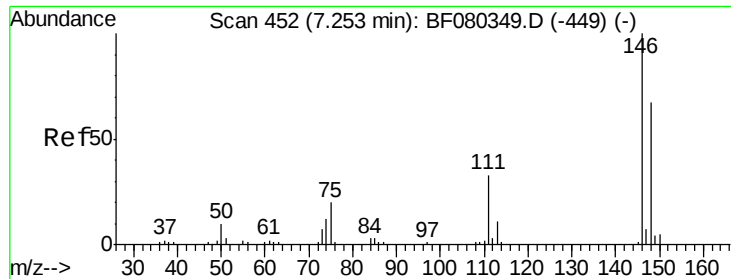
Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.0

75 30.8 21.5 32.3





#13

1,4-Dichlorobenzene

Concen: 32.55 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

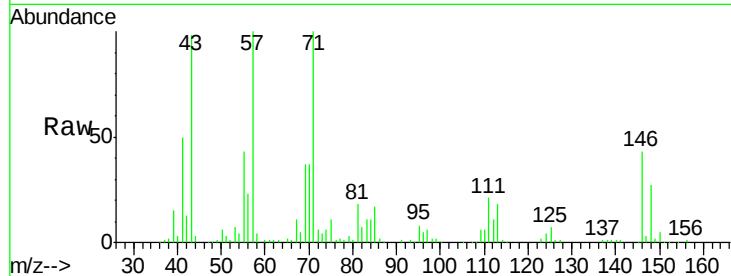
ClientSampleId :

SB-04-6.5-7.0-070115MSD

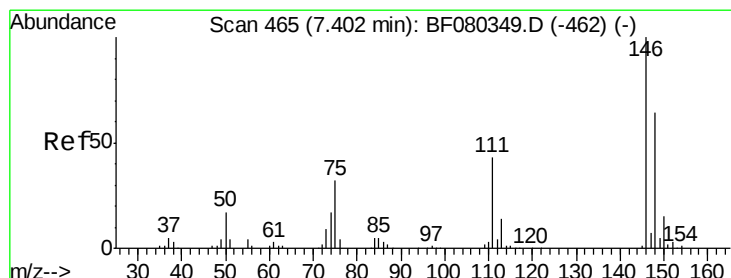
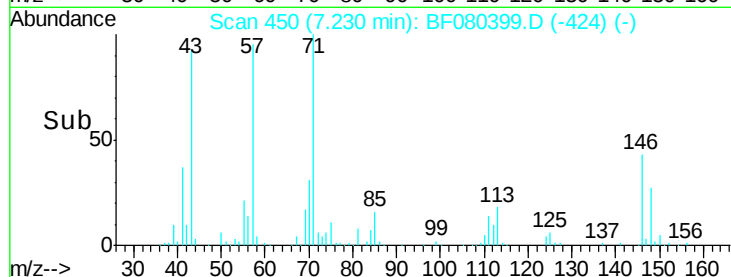
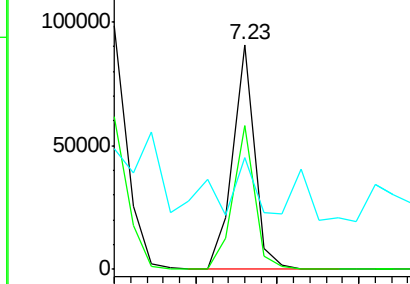
Tgt Ion:	146	Resp:	83881
Ion Ratio	Lower	Upper	
146	100		
148	63.9	53.4	80.0
111	50.0	26.2	39.2#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.91 ng m

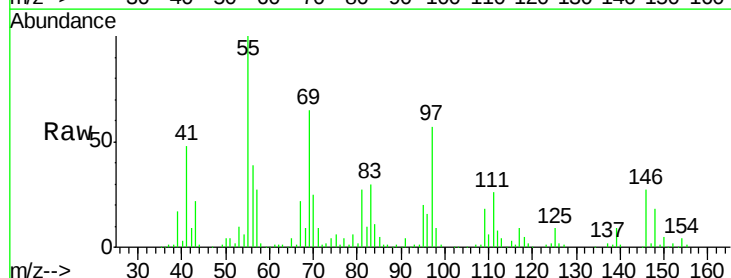
RT: 7.39 min Scan# 464

Delta R.T. 0.01 min

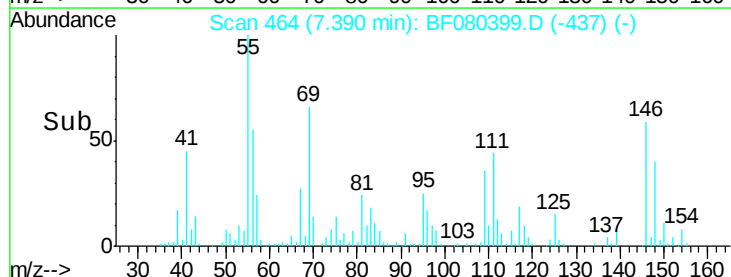
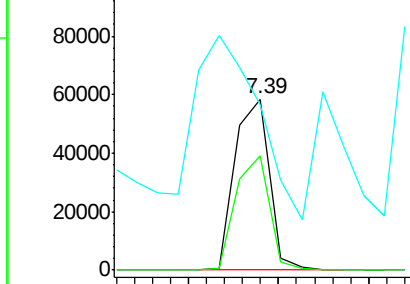
Lab File: BF080399.D

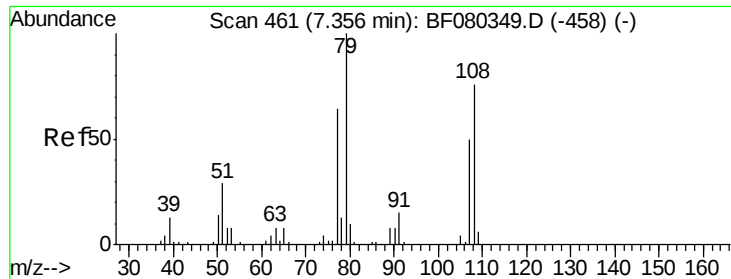
Acq: 8 Jul 2015 20:49

Tgt Ion:	146	Resp:	78003
Ion Ratio	Lower	Upper	
146	100		
148	67.2	51.3	76.9
111	97.3	34.6	52.0#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





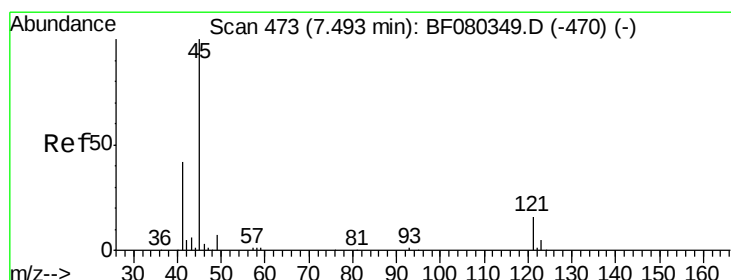
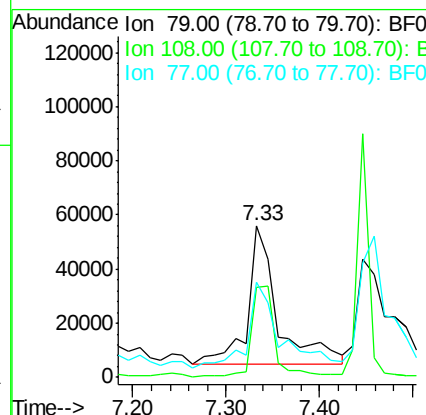
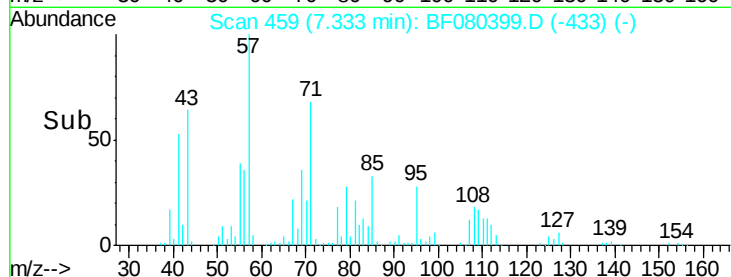
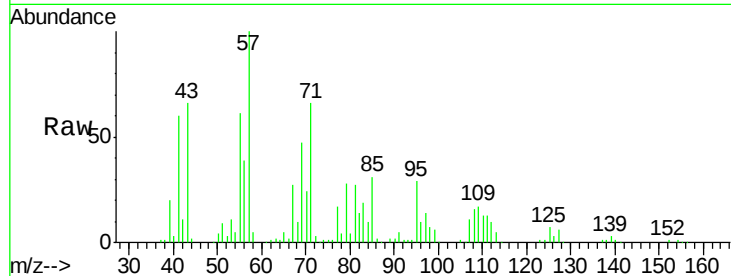
#15
Benzyl Alcohol
Concen: 58.28 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

Tgt Ion: 79 Resp: 115962
Ion Ratio Lower Upper
79 100
108 59.2 60.6 90.8#
77 63.0 50.8 76.2

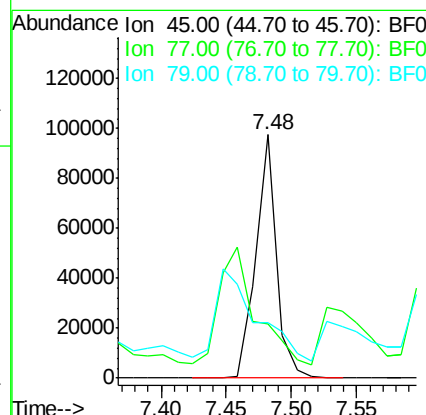
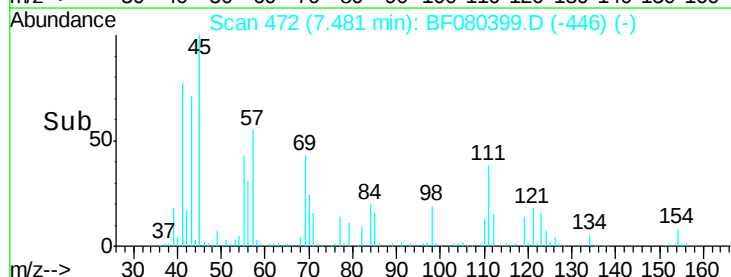
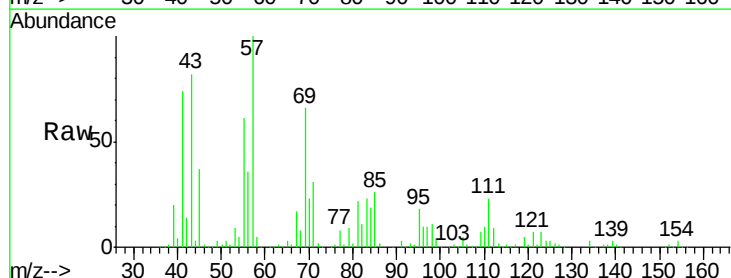
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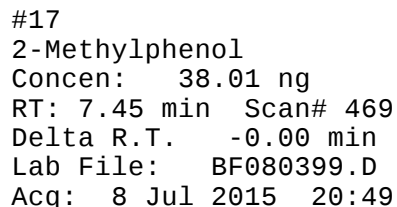
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.57 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion: 45 Resp: 107339
Ion Ratio Lower Upper
45 100
77 22.5 0.0 31.9
79 22.8 0.0 29.7



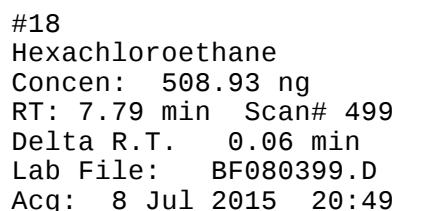
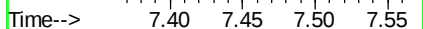
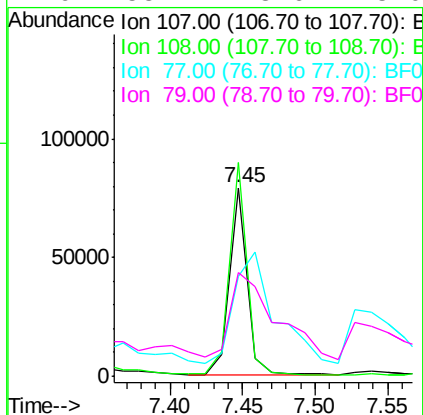


Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

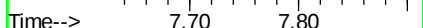
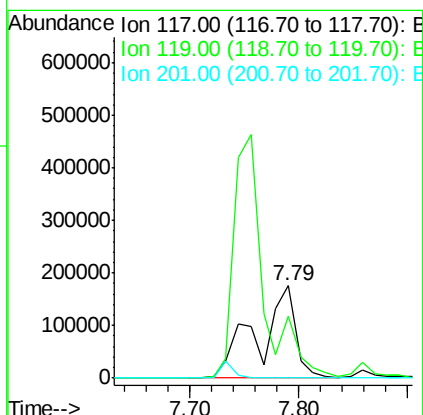
Manual Integrations

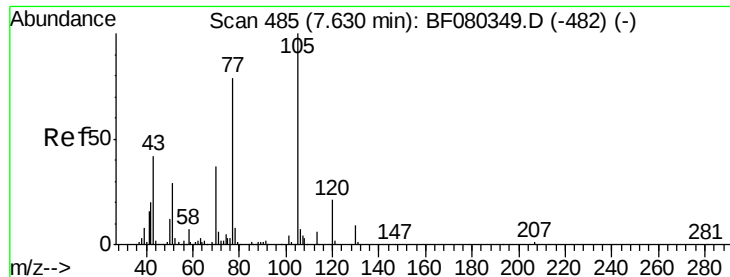
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Tgt	Ion:107	Resp:	66216
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.3	133.9
77	53.0	29.5	44.3#
79	55.1	28.6	43.0#



Tgt	Ion:117	Resp:	421385
Ion	Ratio	Lower	Upper
117	100		
119	66.7	74.2	111.4#
201	0.0	112.4	168.6#





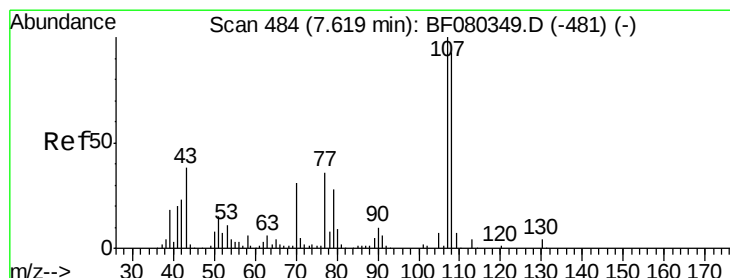
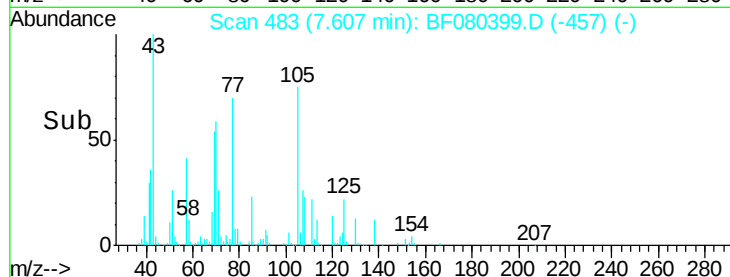
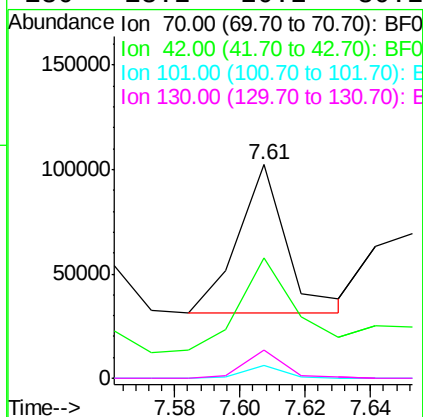
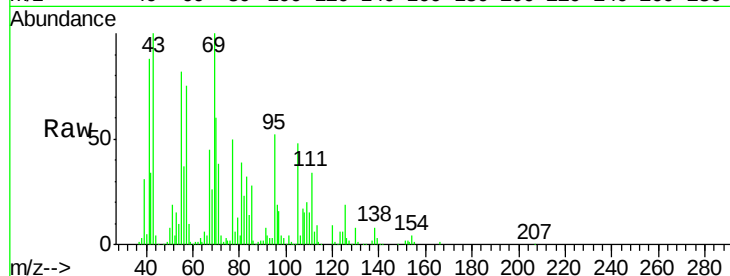
#19
n-Nitroso-di-n-propylamine
Concen: 44.30 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.6	43.0	64.6
101	5.9	8.3	12.5#
130	13.2	20.2	30.2#

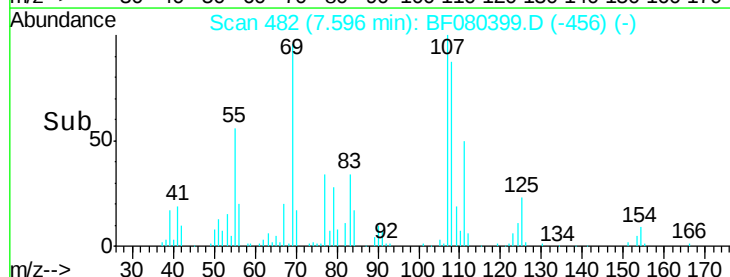
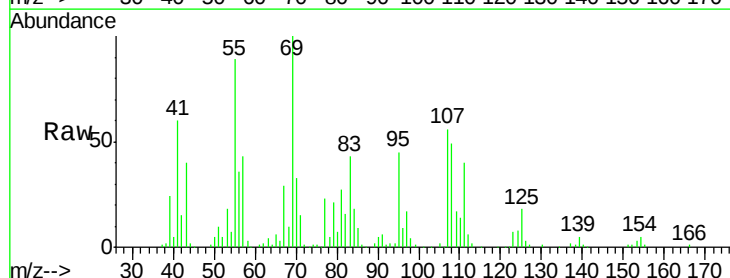
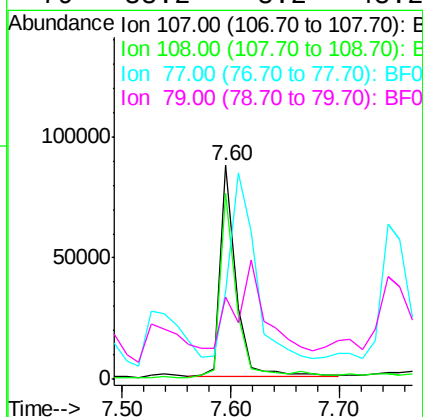
Manual Integrations
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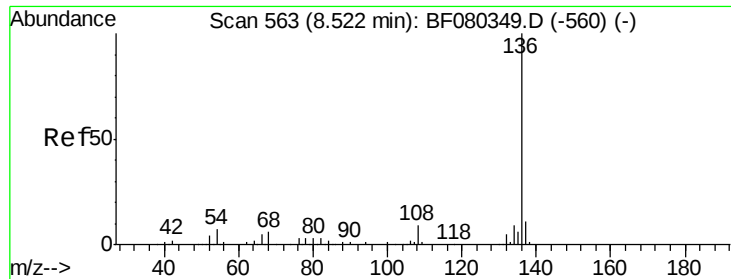
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#20
3+4-Methylphenols
Concen: 36.78 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	73.4	113.4
77	41.1	16.4	56.4
79	38.2	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF080399.D

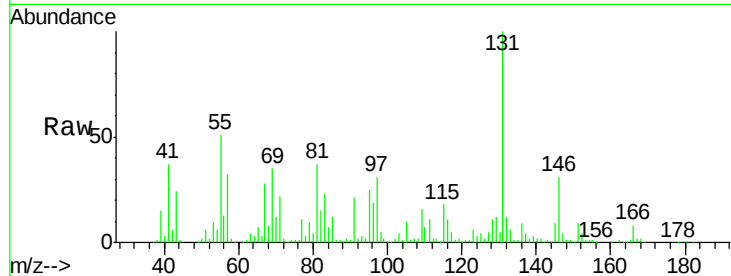
Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115MSD



Tgt Ion:136 Resp: 109475

Ion Ratio Lower Upper

136 100

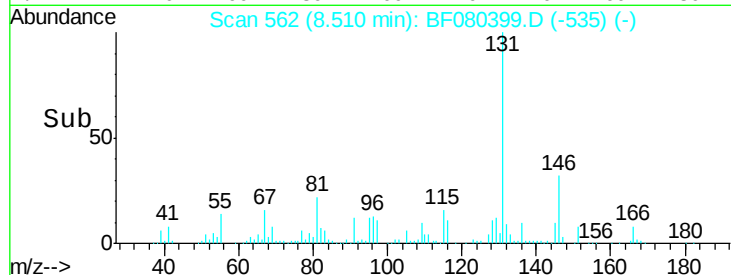
137 41.3 8.5 12.7#

54 69.6 5.8 8.8#

68 92.4 4.6 6.8#

Manual Integrations
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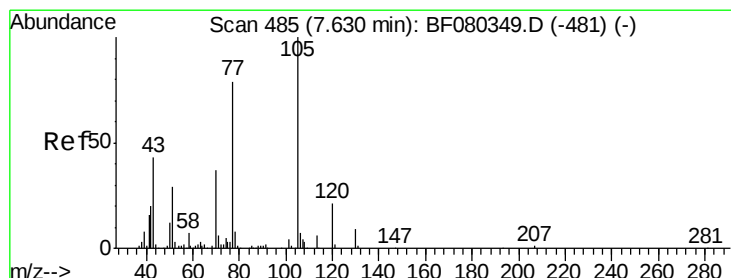
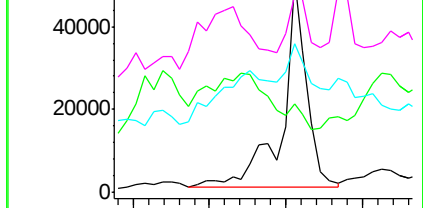


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.96 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:105 Resp: 95872

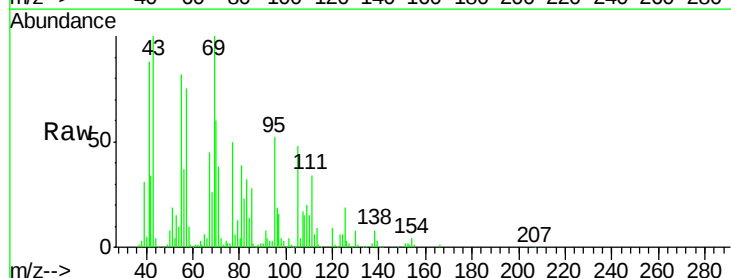
Ion Ratio Lower Upper

105 100

71 80.6 5.0 7.6#

51 41.0 23.2 34.8#

120 18.9 17.0 25.4

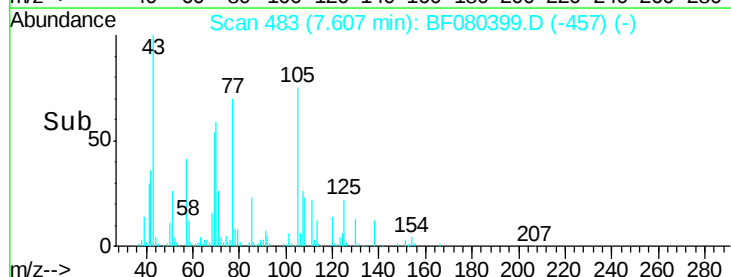
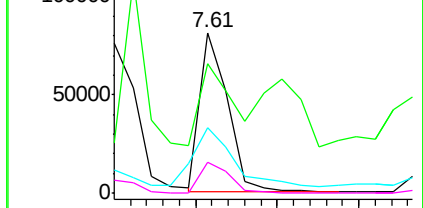


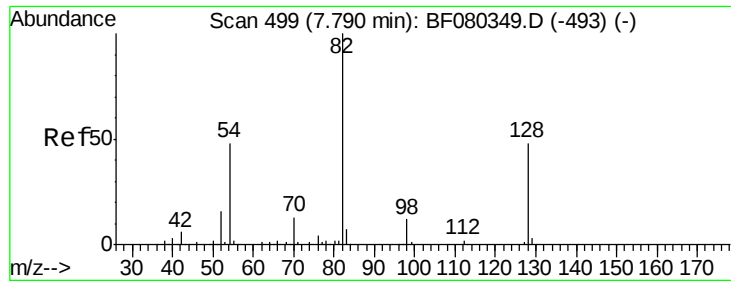
Abundance Ion 105.00 (104.70 to 105.70): E

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





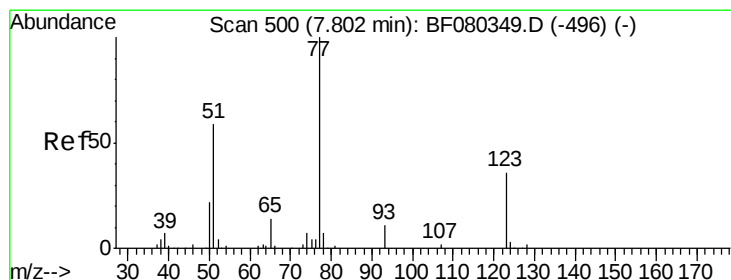
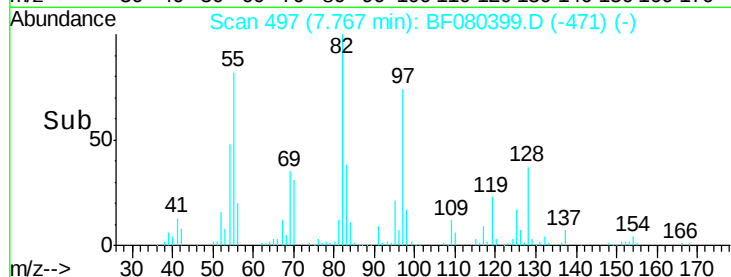
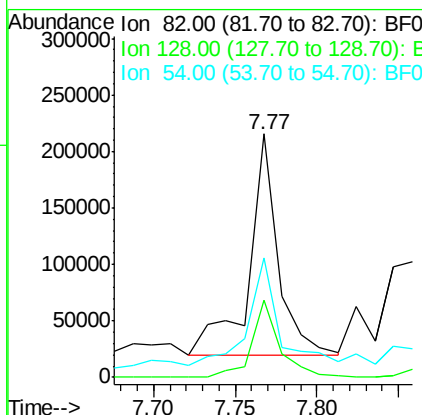
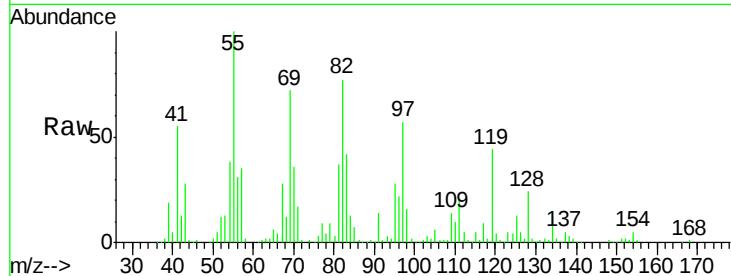
#23
 Nitrobenzene-d5
 Concen: 131.25 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	246355		
128	31.7	38.4	57.6#	
54	49.0	38.2	57.2	

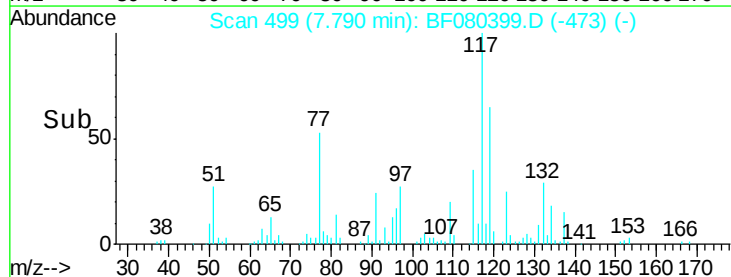
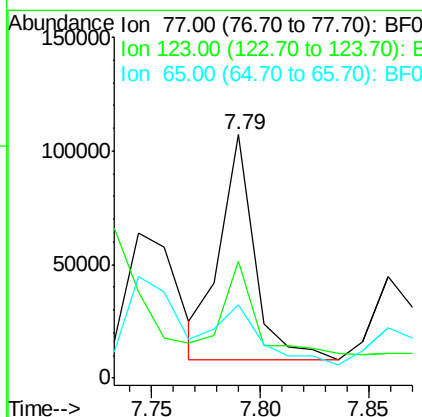
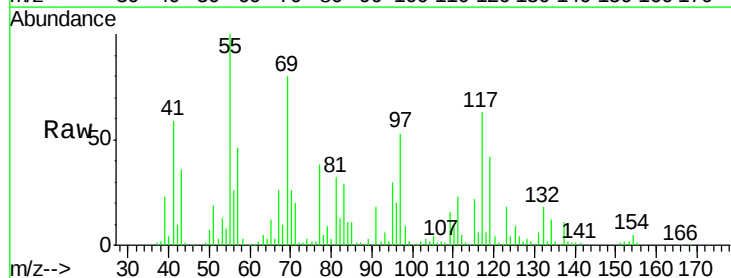
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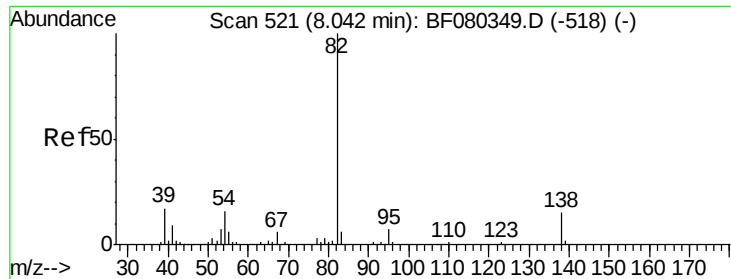
apatel
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#24
 Nitrobenzene
 Concen: 58.09 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	109517		
123	47.9	29.6	44.4#	
65	30.4	11.1	16.7#	





#25

Isophorone

Concen: 101.86 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

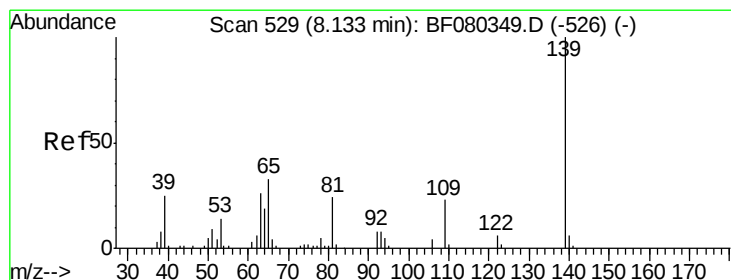
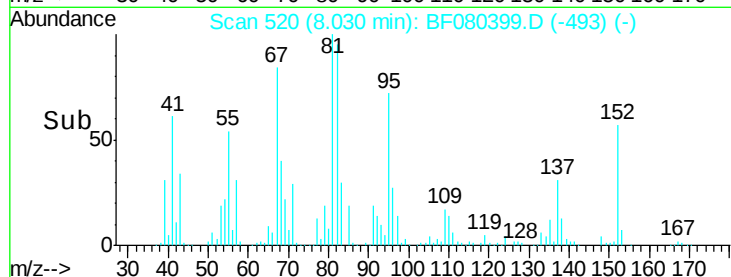
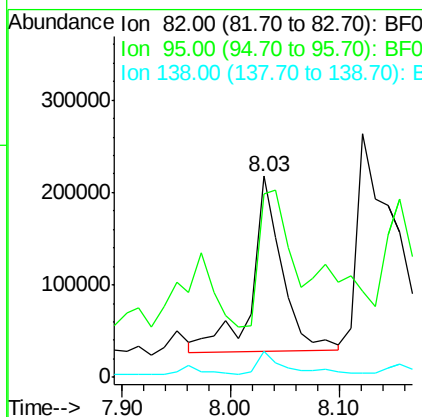
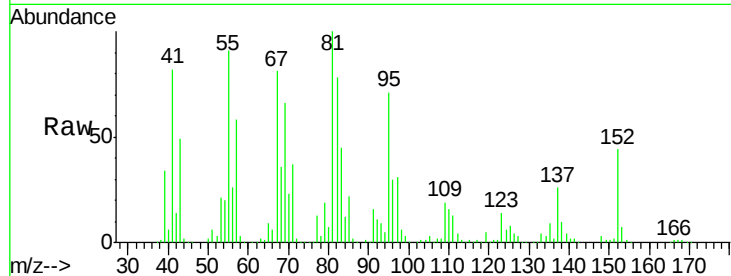
ClientSampleId :

SB-04-6.5-7.0-070115MSD

Tgt Ion:	82	Resp:	367976
Ion Ratio	Lower	Upper	
82	100		
95	91.0	5.2	7.8#
138	13.2	12.0	18.0

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#26

2-Nitrophenol

Concen: 46.65 ng

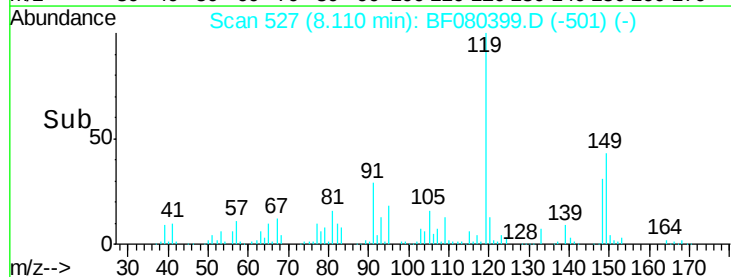
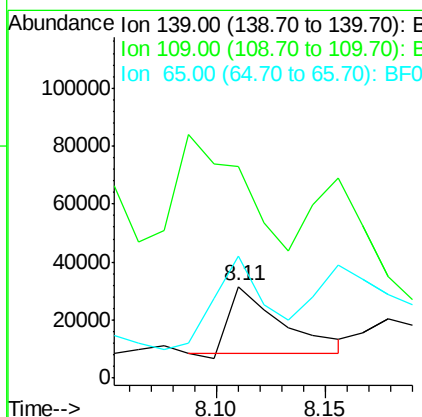
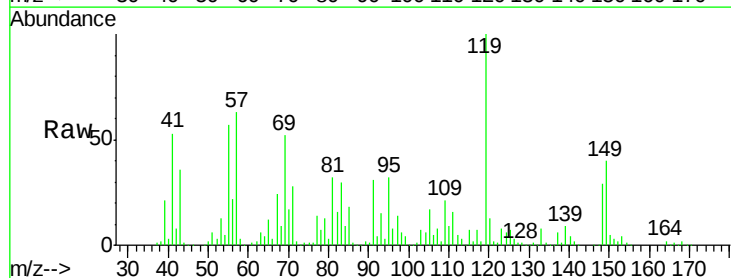
RT: 8.11 min Scan# 527

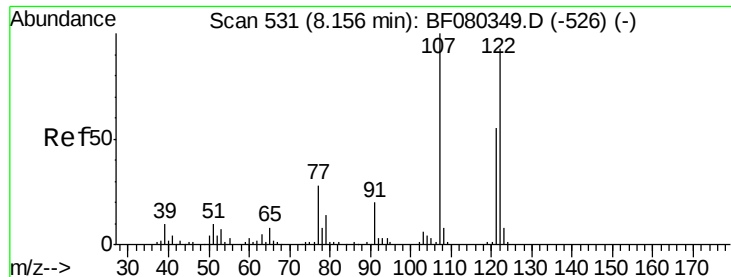
Delta R.T. -0.00 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:	139	Resp:	38064
Ion Ratio	Lower	Upper	
139	100		
109	230.6	18.4	27.6#
65	132.9	26.7	40.1#





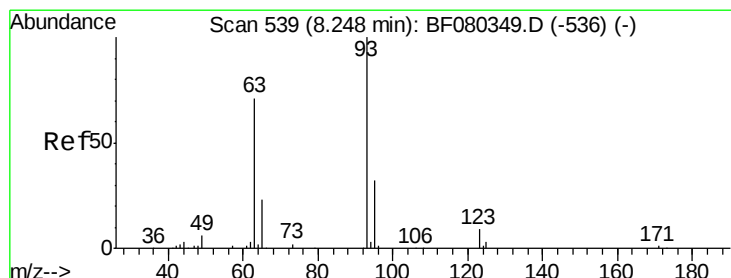
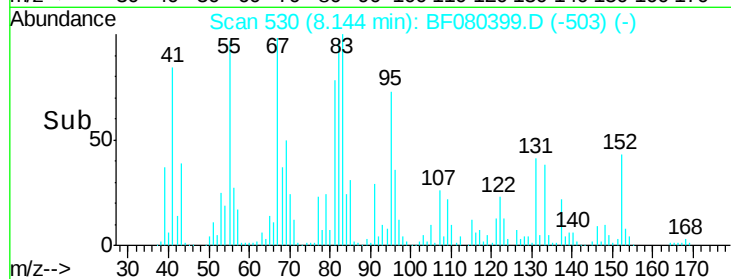
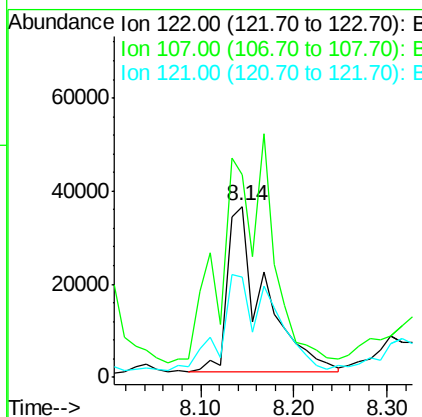
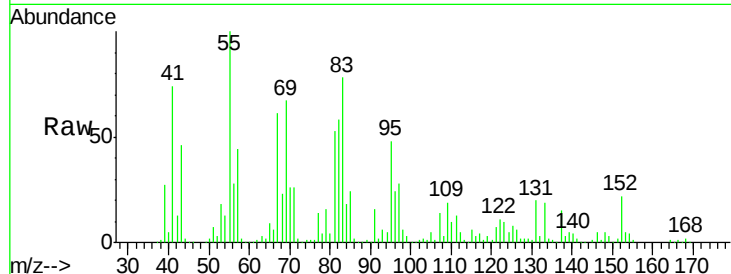
#27
2,4-Dimethylphenol
Concen: 60.47 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.7	85.8	128.6
121	58.9	46.9	70.3

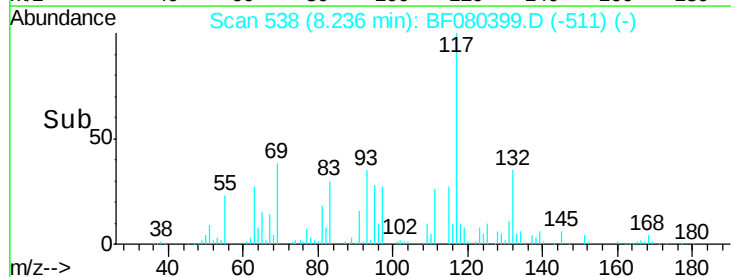
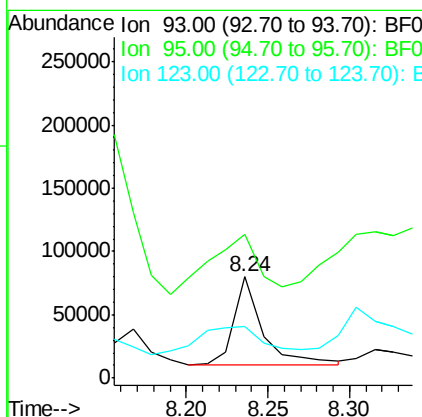
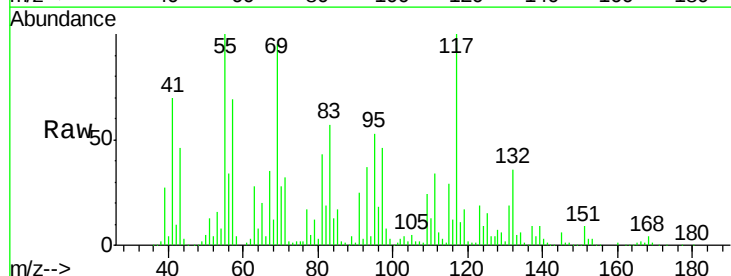
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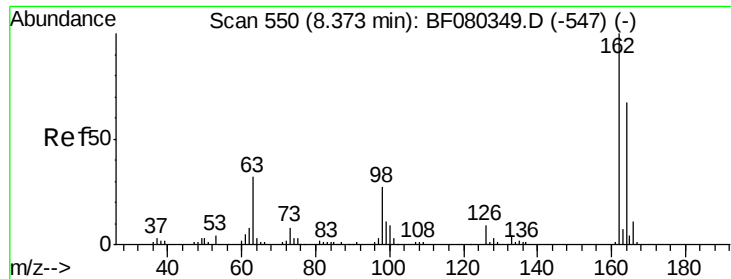
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#28
bis(2-Chloroethoxy)methane
Concen: 36.46 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	142.5	25.3	37.9#
123	50.6	7.8	11.6#





#29

2,4-Dichlorophenol

Concen: 54.84 ng

RT: 8.36 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

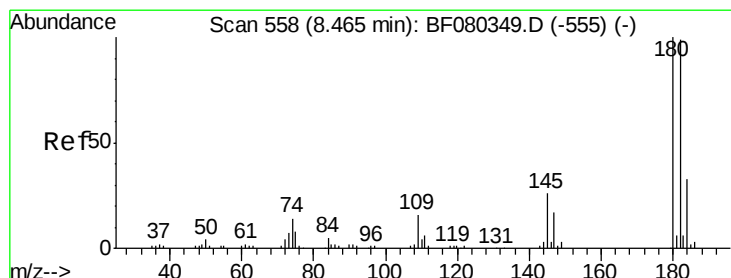
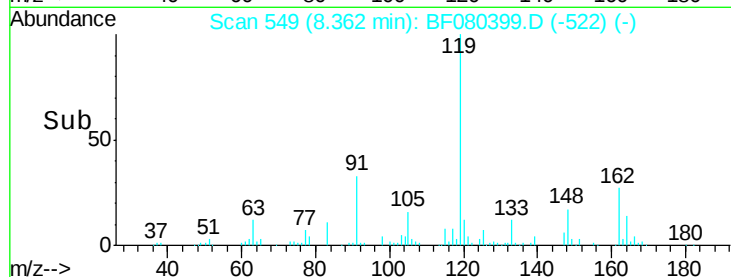
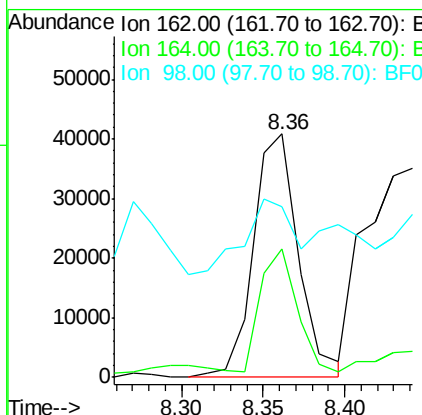
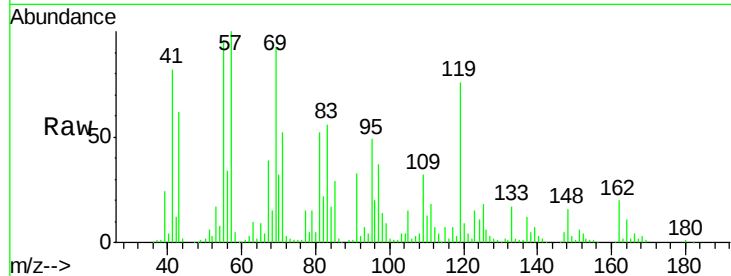
ClientSampleId :

SB-04-6.5-7.0-070115MSD

Tgt Ion:	162	Resp:	78162
Ion Ratio	Lower	Upper	
162	100		
164	52.8	47.0	87.0
98	70.1	6.6	46.6#

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#30

1,2,4-Trichlorobenzene

Concen: 42.43 ng

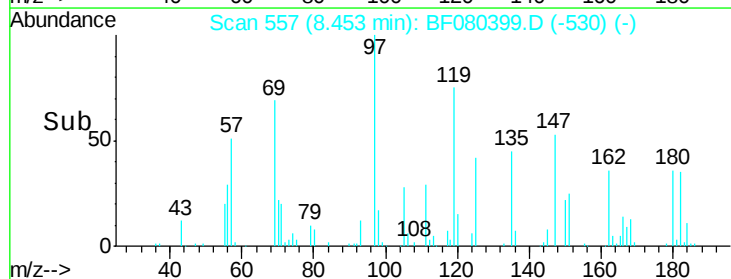
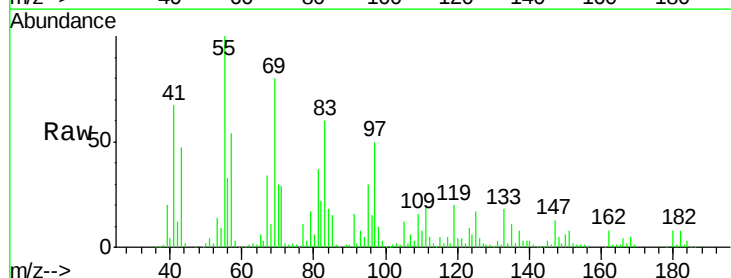
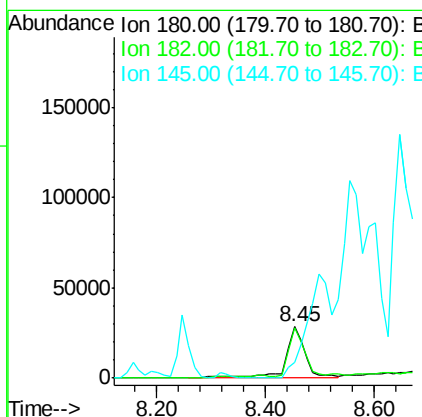
RT: 8.45 min Scan# 557

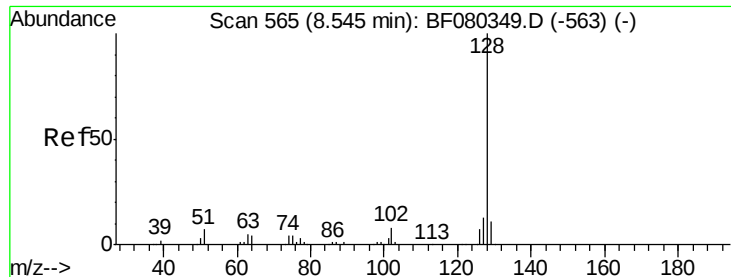
Delta R.T. 0.01 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:	180	Resp:	71881
Ion Ratio	Lower	Upper	
180	100		
182	97.9	79.0	118.4
145	31.4	20.5	30.7#





#31

Naphthalene

Concen: 87.66 ng

RT: 8.53 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

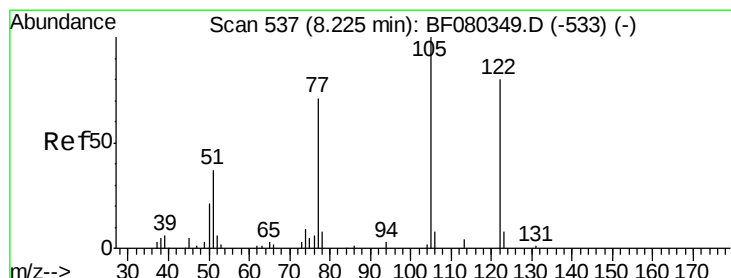
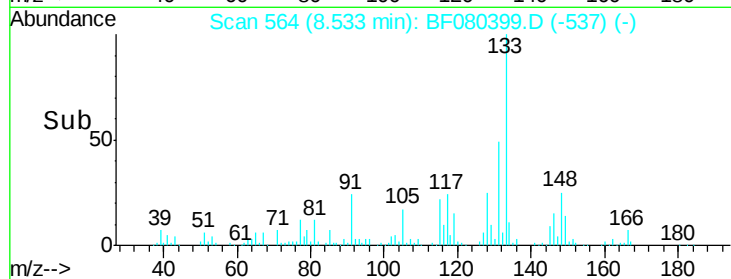
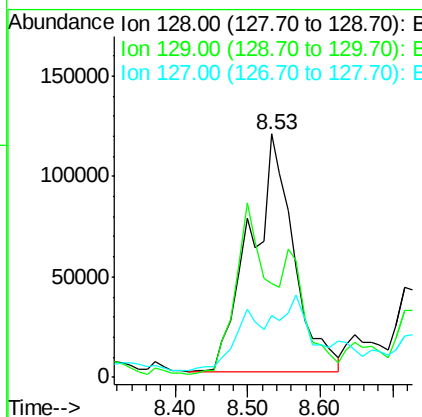
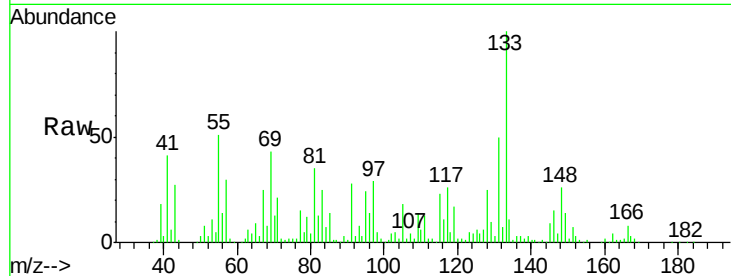
ClientSampleId :

SB-04-6.5-7.0-070115MSD

Tgt Ion:	128	Resp:	492253
Ion Ratio		Lower	Upper
128	100		
129	38.8	8.8	13.2#
127	25.7	10.4	15.6#

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#32

Benzoic acid

Concen: 89.26 ng

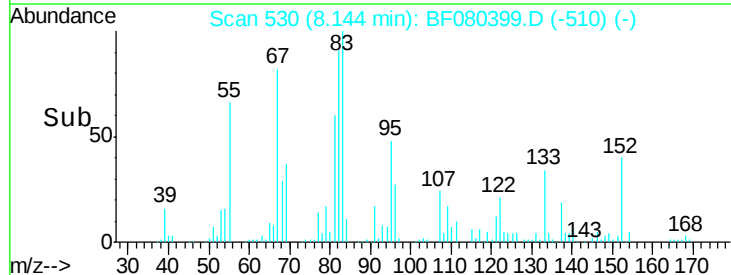
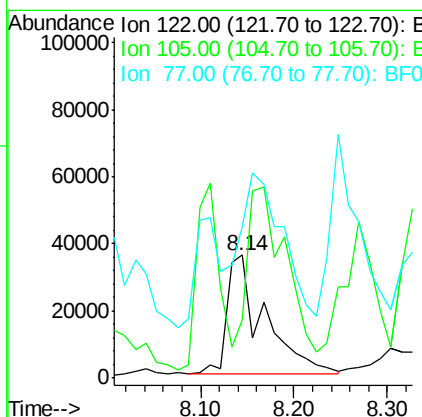
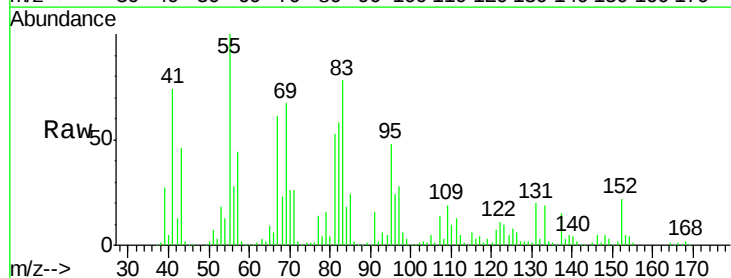
RT: 8.14 min Scan# 530

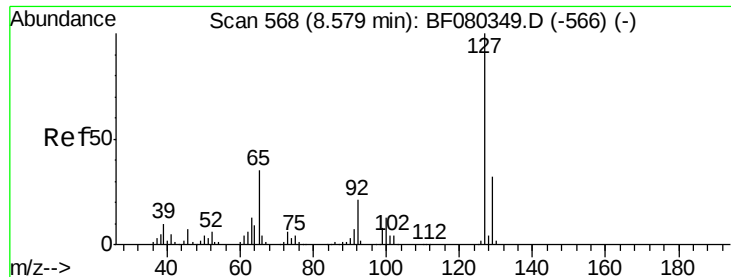
Delta R.T. -0.07 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:	122	Resp:	97074
Ion Ratio		Lower	Upper
122	100		
105	47.5	102.2	142.2#
77	122.6	68.8	108.8#





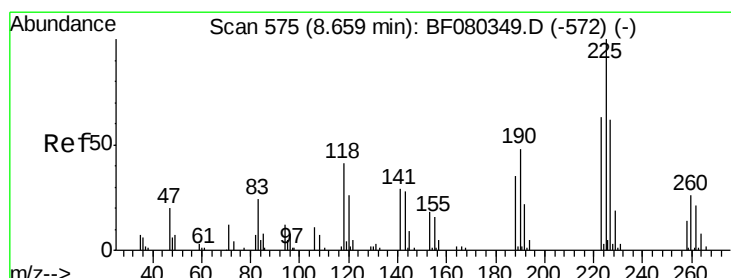
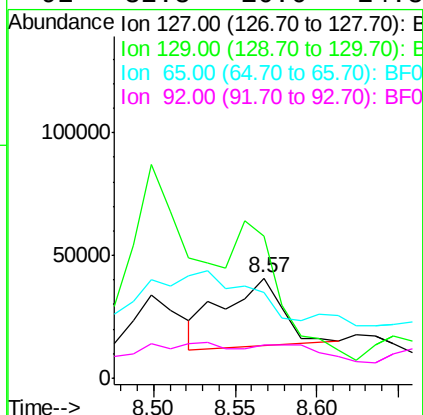
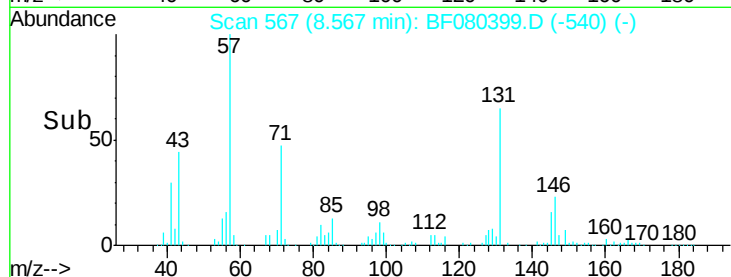
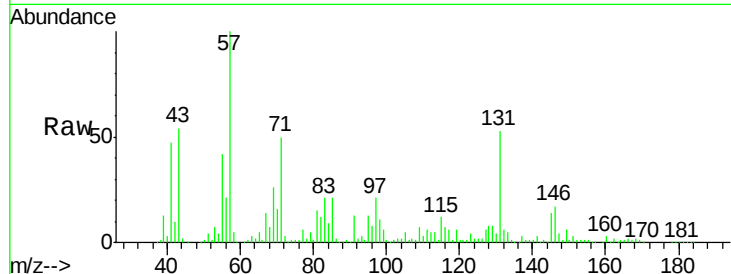
#33
4-Chloroaniline
Concen: 31.76 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	71094		
129	142.3	26.2	39.2#	
65	85.8	28.1	42.1#	
92	32.8	16.6	24.8#	

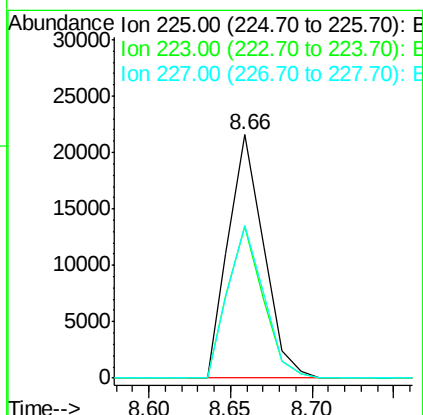
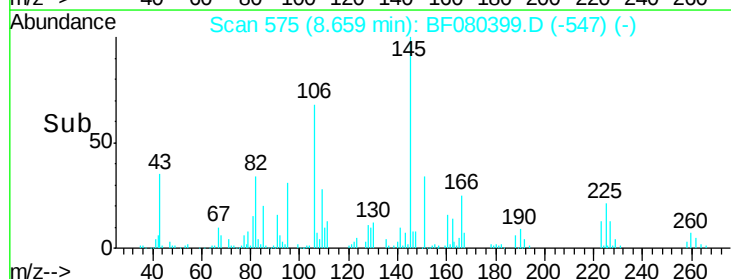
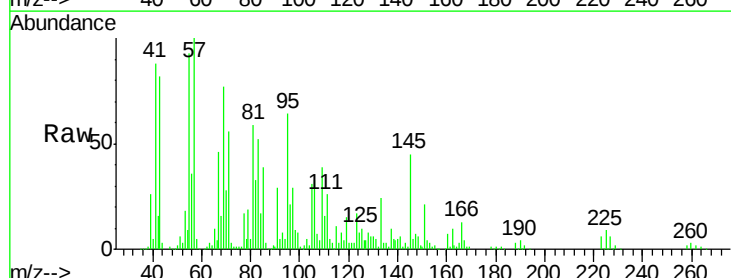
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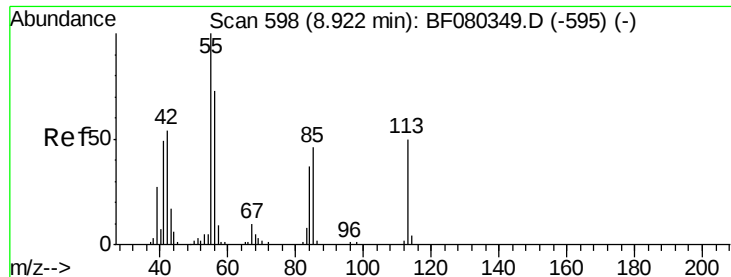
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#34
Hexachlorobutadiene
Concen: 31.46 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32415		
223	62.3	50.3	75.5	
227	62.9	49.4	74.2	





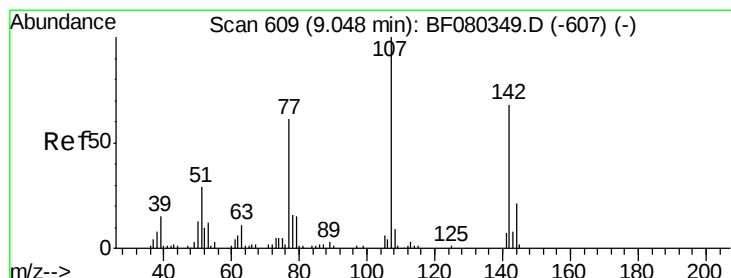
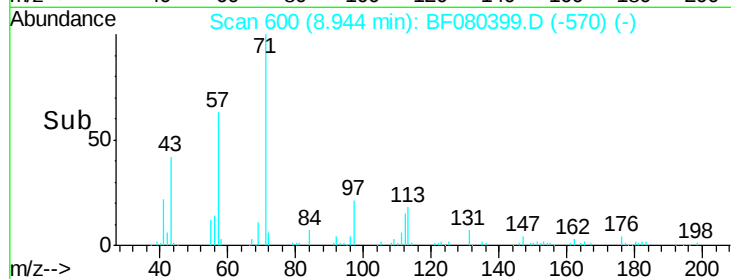
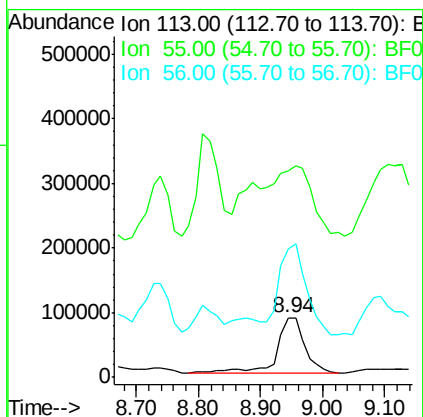
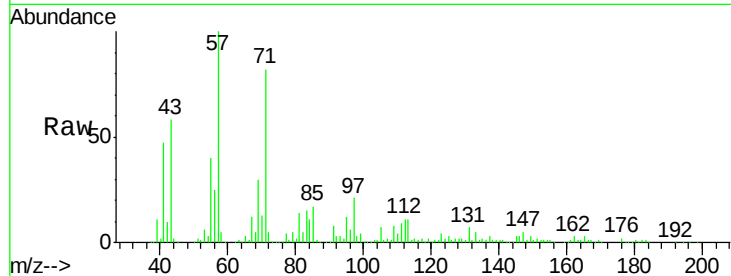
#35
 Caprolactam
 Concen: 589.10 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.05 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	348.0	181.4	221.4#	
56	216.6	127.3	167.3#	

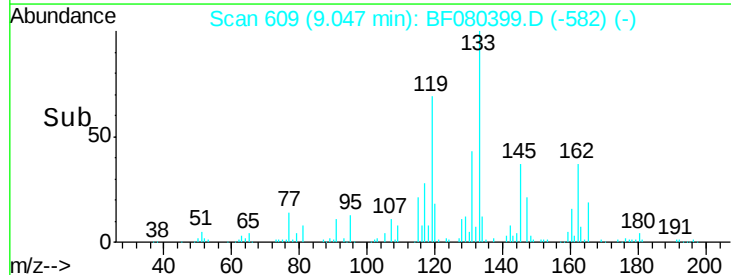
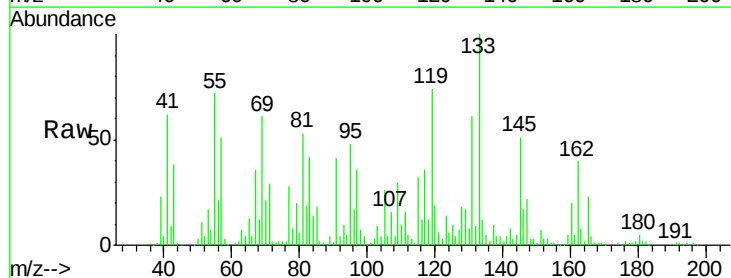
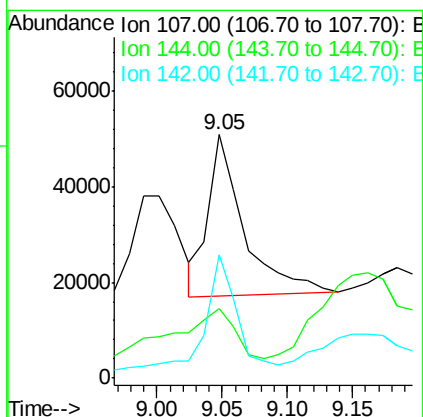
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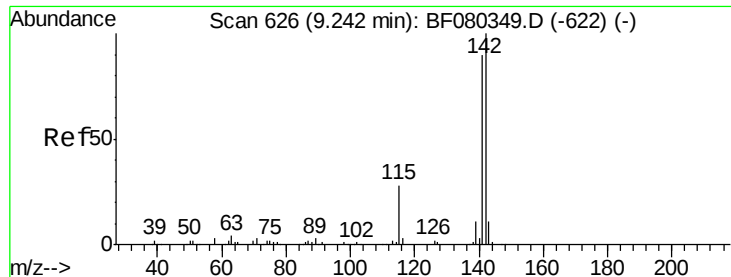
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#36
 4-Chloro-3-methylphenol
 Concen: 44.04 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	28.6	16.7	25.1#	
142	50.7	54.4	81.6#	





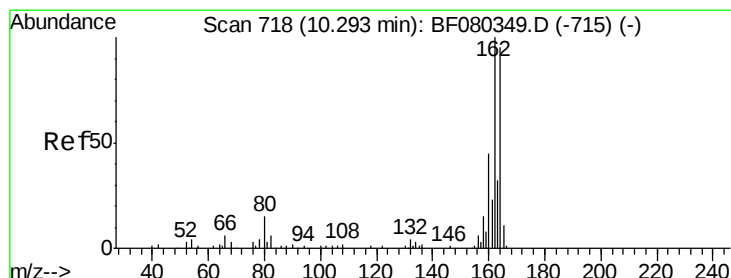
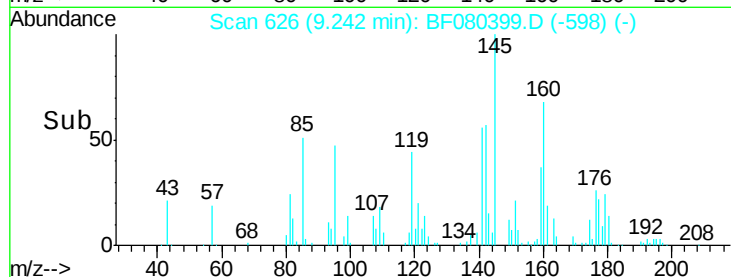
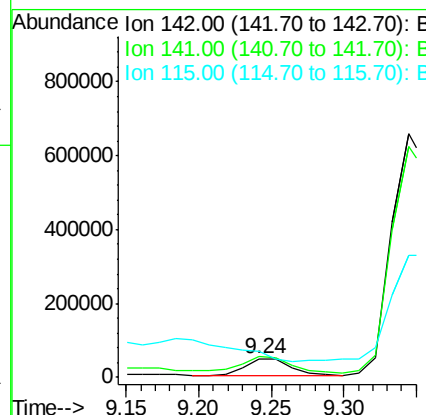
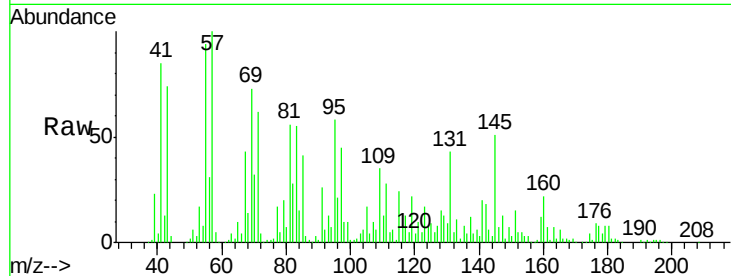
#37
2-Methylnaphthalene
Concen: 27.45 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.02 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	112.2	71.8	107.8#
115	136.9	22.6	34.0#

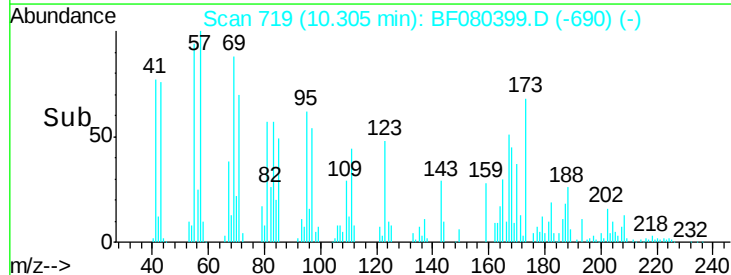
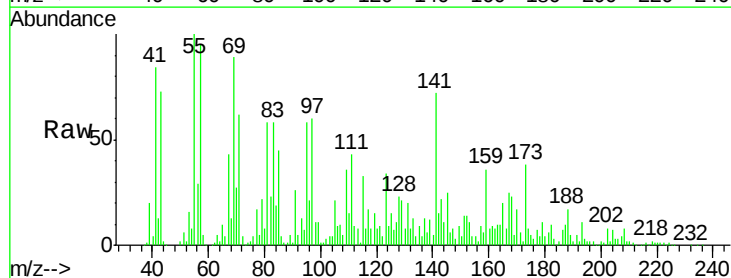
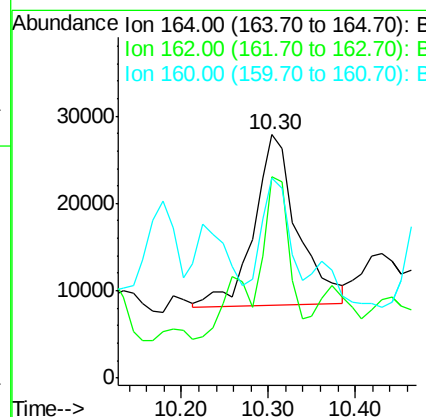
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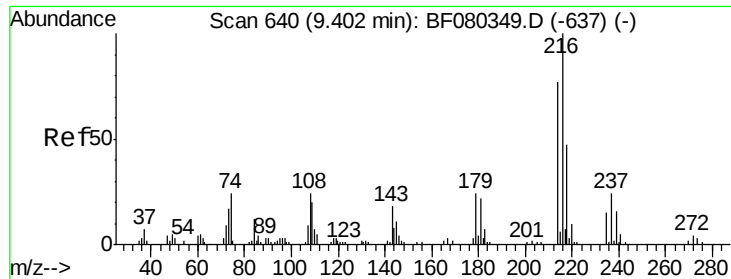
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.03 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	82.9	84.5	126.7#
160	82.2	37.7	56.5#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.09 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.05 min

Lab File: BF080399.D

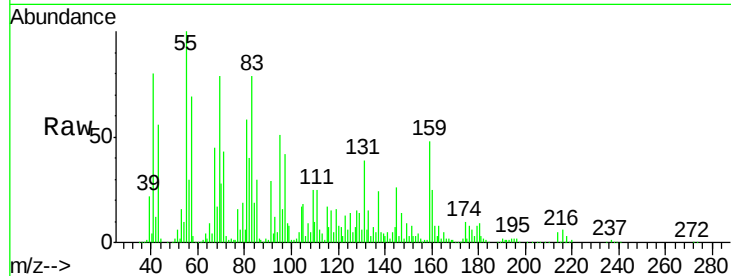
Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

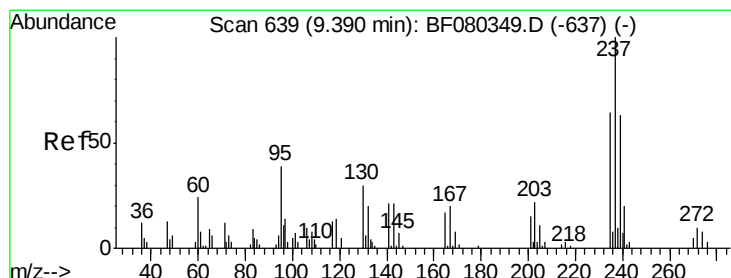
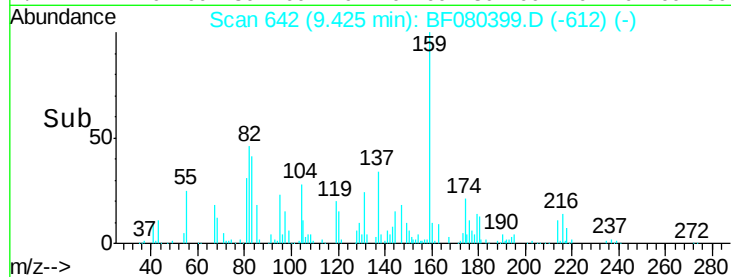
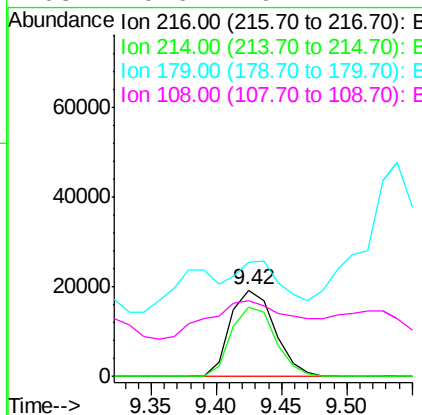
SB-04-6.5-7.0-070115MSD



Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	61.2	91.8
179	0.0	16.9	25.3
108	79.6	16.2	24.4

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#40

Hexachlorocyclopentadiene

Concen: 23.22 ng

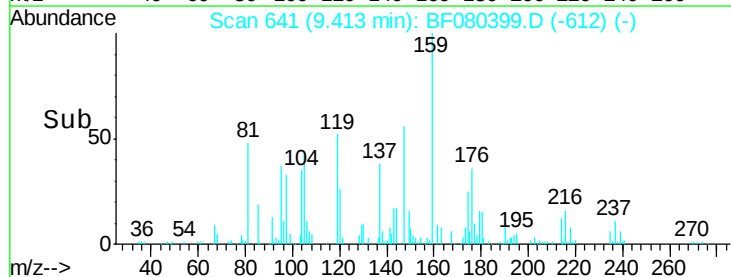
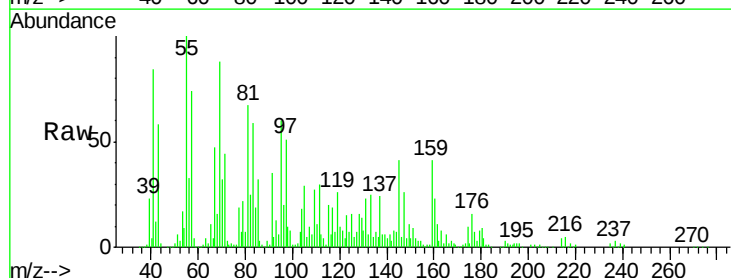
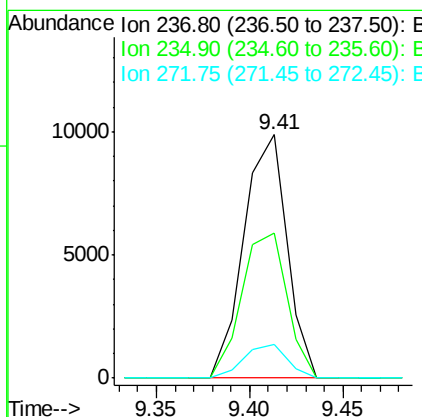
RT: 9.41 min Scan# 641

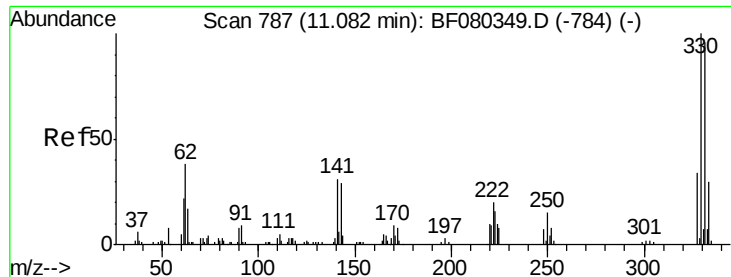
Delta R.T. 0.03 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

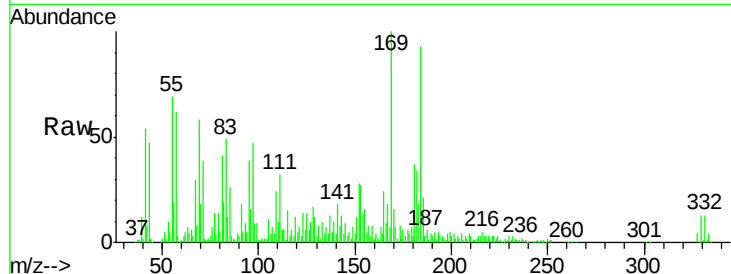
Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.8	44.2	84.2
272	13.7	0.0	29.7





#41
 2,4,6-Tribromophenol
 Concen: 89.62 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.05 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

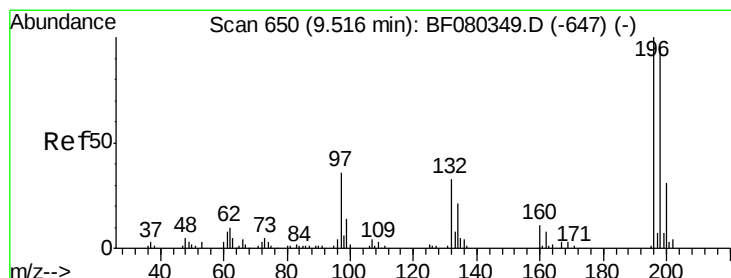
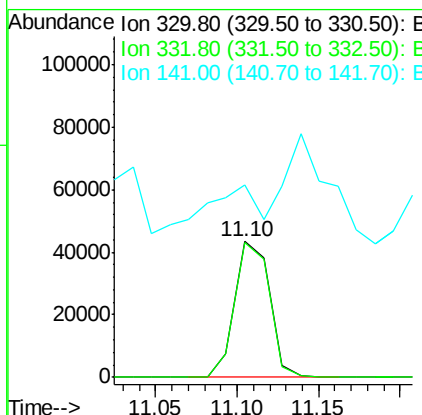
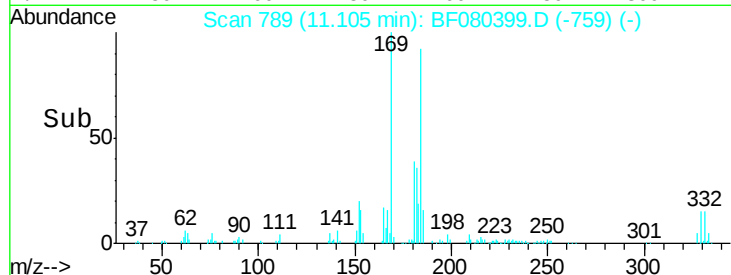
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MSD



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	63847		
332	99.3	77.0	115.4	
141	0.0	29.6	44.4#	

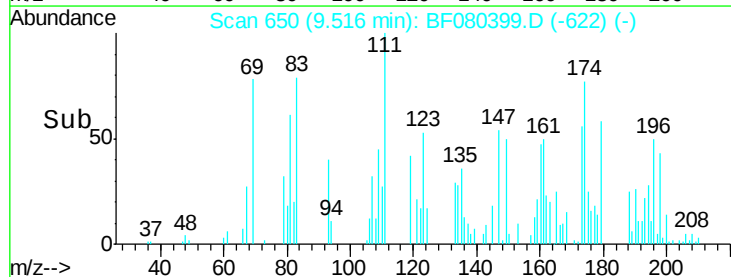
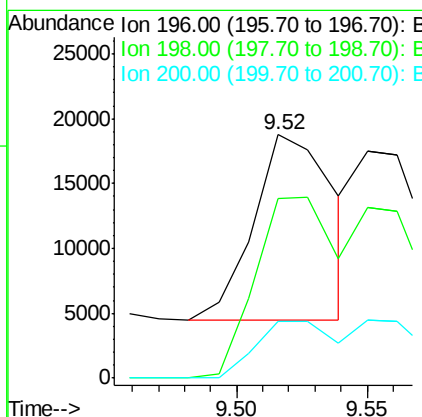
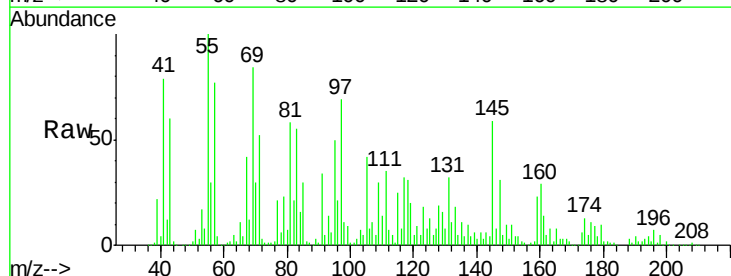
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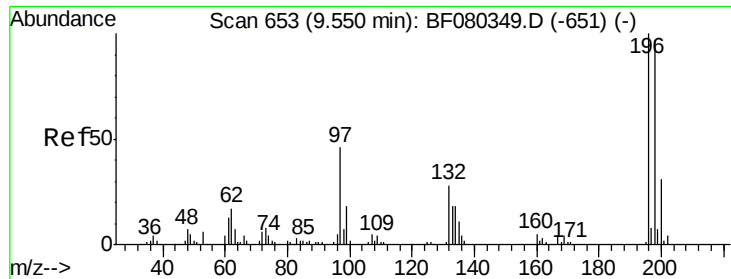
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#42
 2,4,6-Trichlorophenol
 Concen: 21.35 ng
 RT: 9.52 min Scan# 650
 Delta R.T. 0.02 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	30353		
198	73.8	76.4	114.6#	
200	23.4	24.6	37.0#	





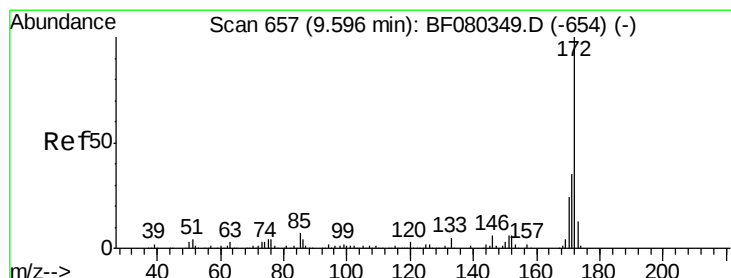
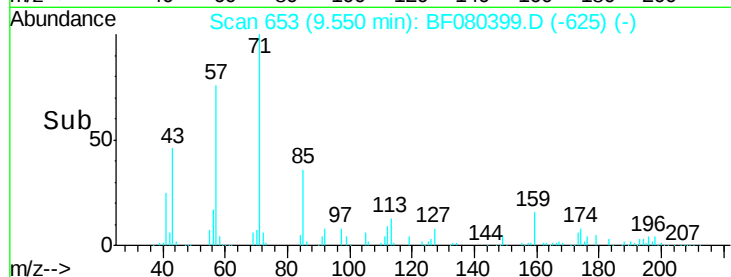
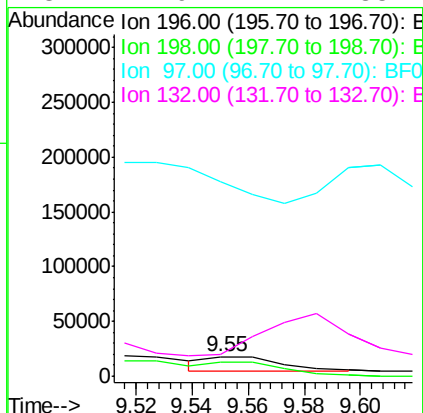
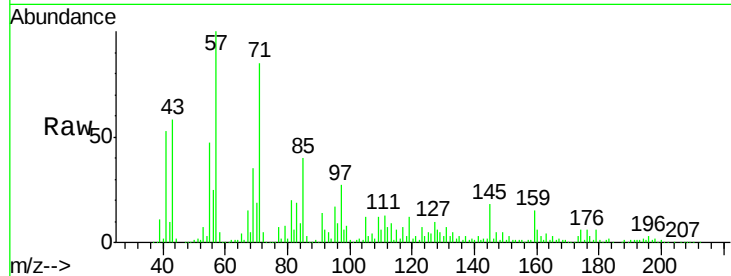
#43
 2,4,5-Trichlorophenol
 Concen: 15.42 ng m
 RT: 9.55 min Scan# 653
 Delta R.T. 0.02 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	75.3	77.2	115.8#
97	1015.4	37.0	55.6
132	114.9	22.2	33.2#

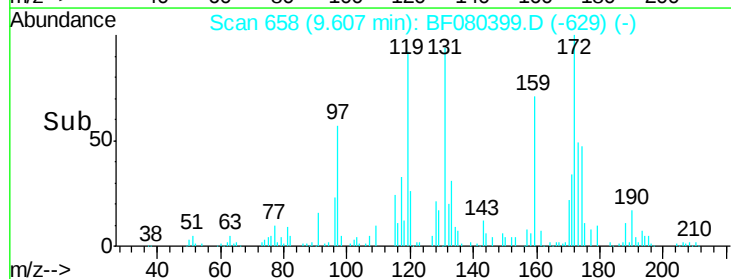
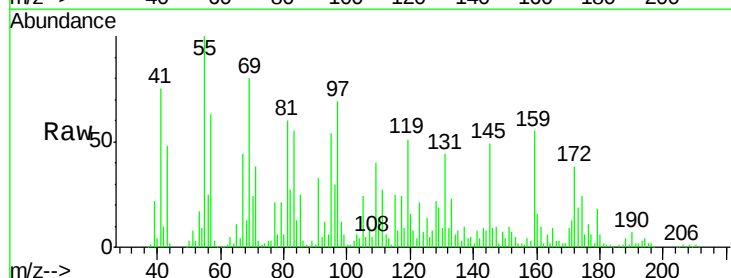
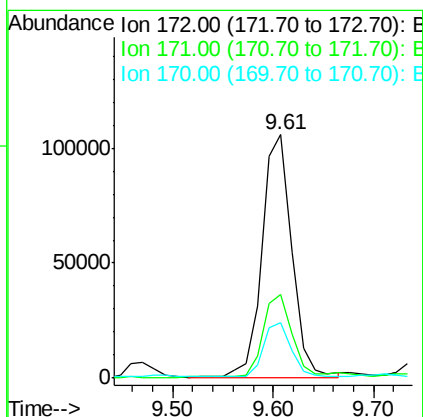
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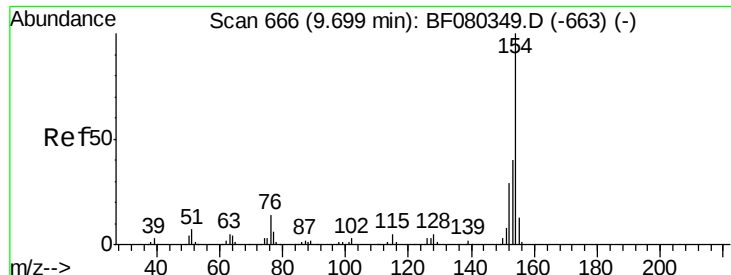
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#44
 2-Fluorobiphenyl
 Concen: 42.90 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.03 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.3	42.5
170	22.9	19.1	28.7





#45

1,1'-Biphenyl

Concen: 20.21 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.03 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

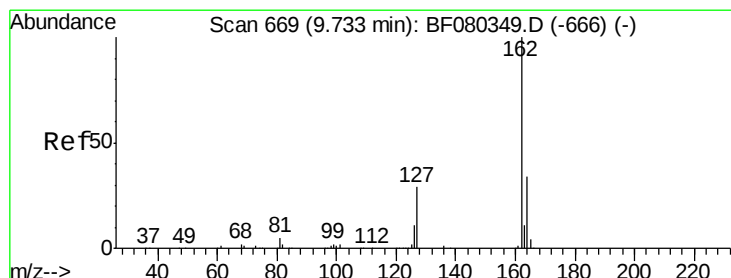
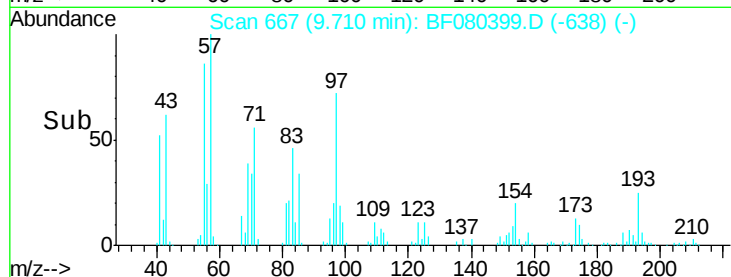
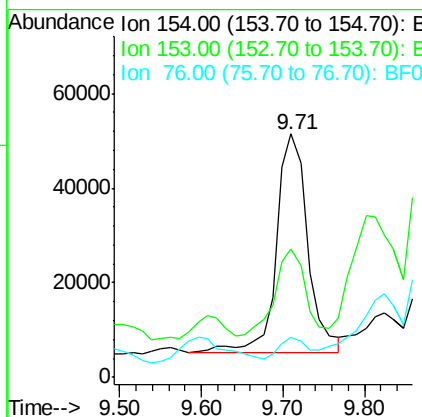
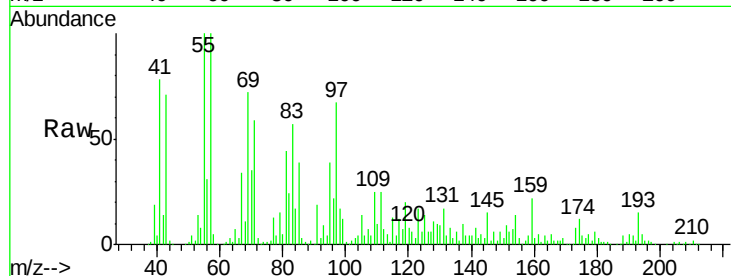
ClientSampleId :

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Tgt Ion:	154	Resp:	122101
Ion Ratio	Lower	Upper	
154	100		
153	52.9	19.8	59.8
76	16.3	0.0	33.6

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#46

2-Chloronaphthalene

Concen: 25.30 ng

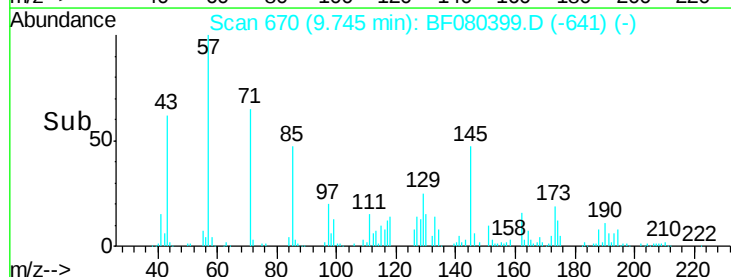
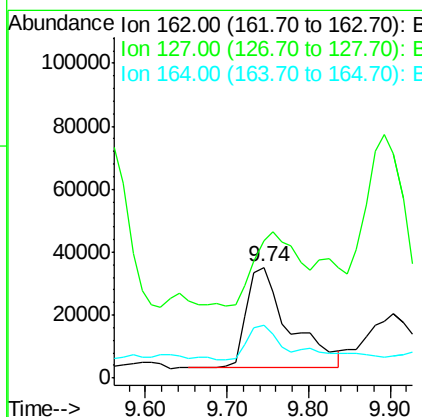
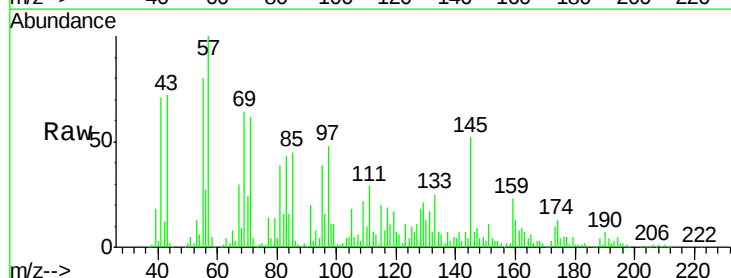
RT: 9.74 min Scan# 670

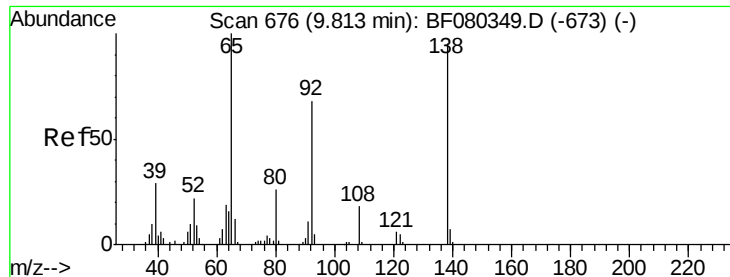
Delta R.T. 0.03 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:	162	Resp:	116564
Ion Ratio	Lower	Upper	
162	100		
127	124.7	27.3	40.9#
164	47.9	27.2	40.8#





#47

2-Nitroaniline

Concen: 63.76 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.03 min

Lab File: BF080399.D

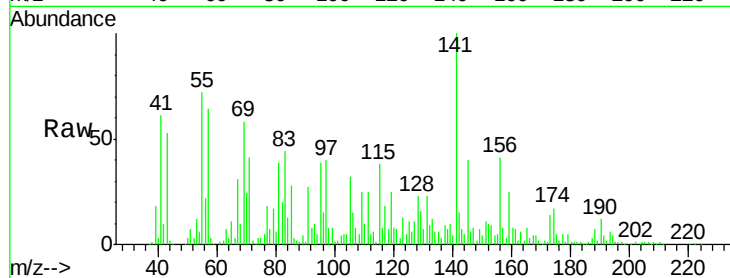
Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

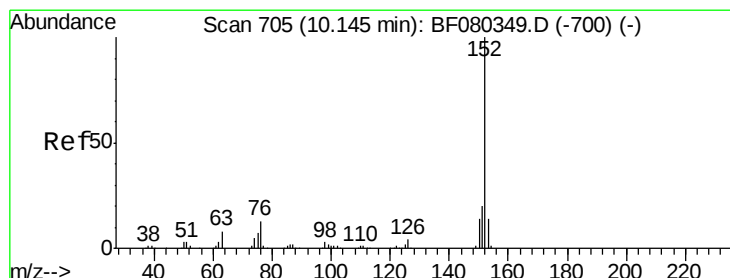
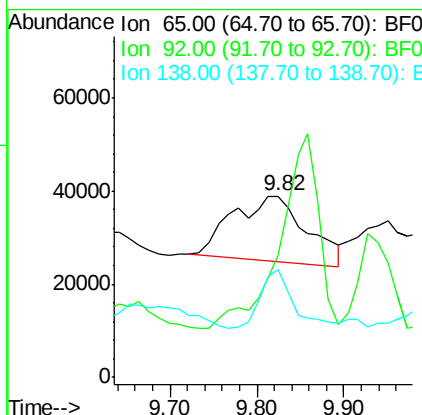
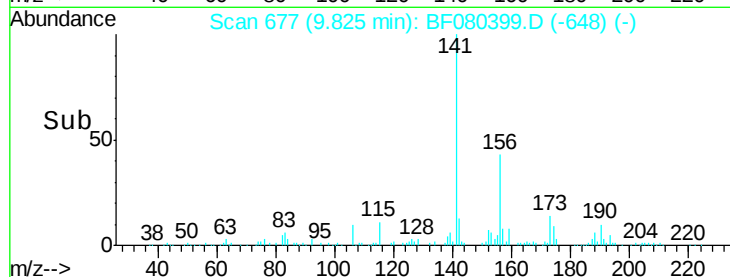
SB-04-6.5-7.0-070115MSD



Tgt Ion:	65	Resp:	82210
Ion Ratio	Lower	Upper	
65	100		
92	67.7	54.2	81.2
138	59.3	76.1	114.1#

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#48

Acenaphthylene

Concen: 29.68 ng

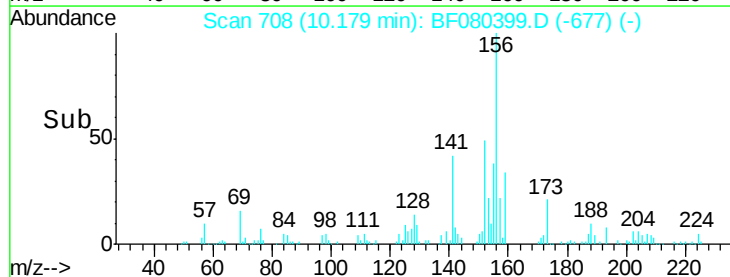
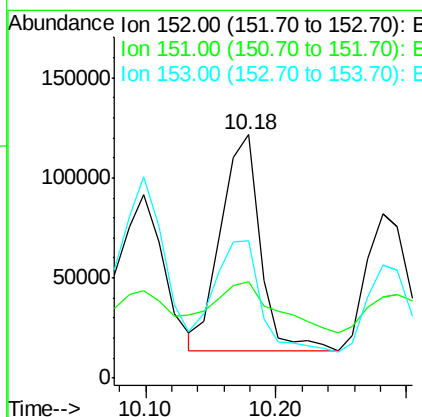
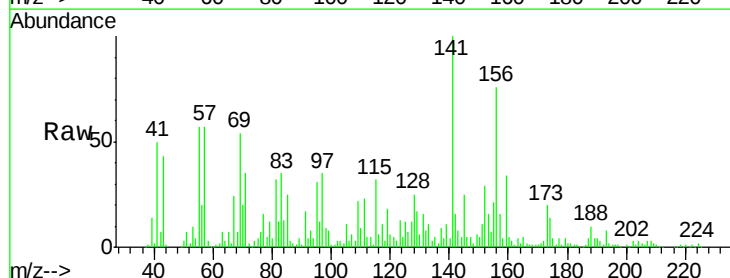
RT: 10.18 min Scan# 708

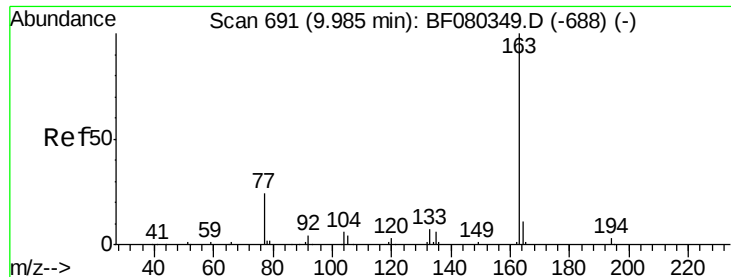
Delta R.T. 0.06 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:	152	Resp:	227629
Ion Ratio	Lower	Upper	
152	100		
151	39.4	16.3	24.5#
153	56.5	11.0	16.4#





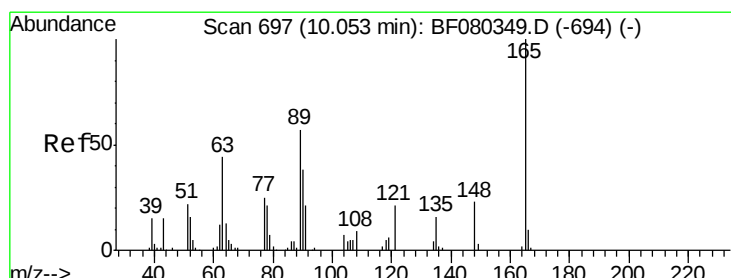
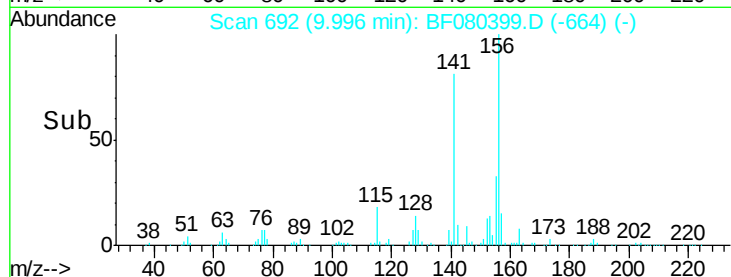
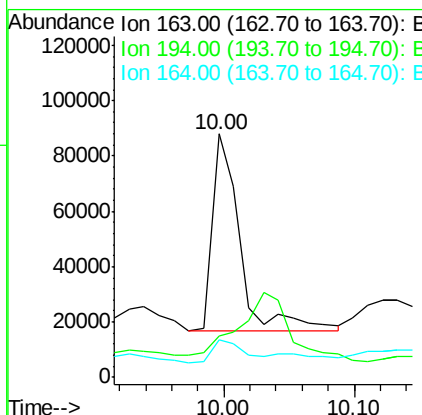
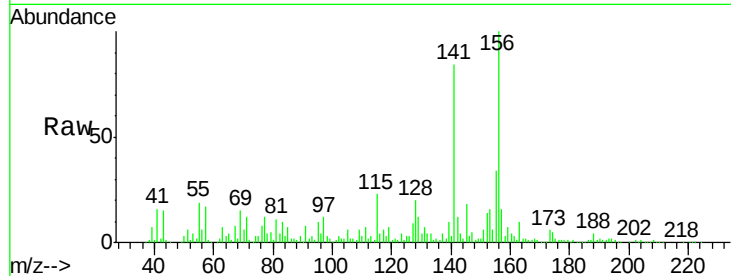
#49
Dimethylphthalate
Concen: 19.29 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.02 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	105460		
194	17.0	2.6	3.8#	
164	15.6	8.5	12.7#	

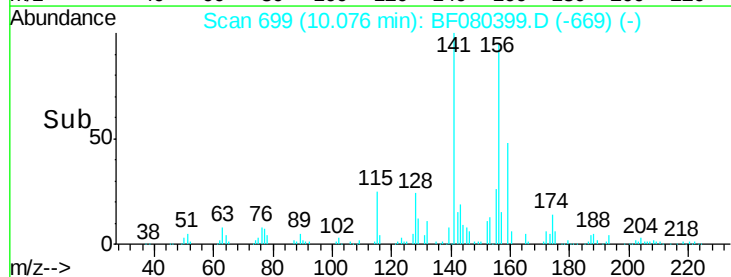
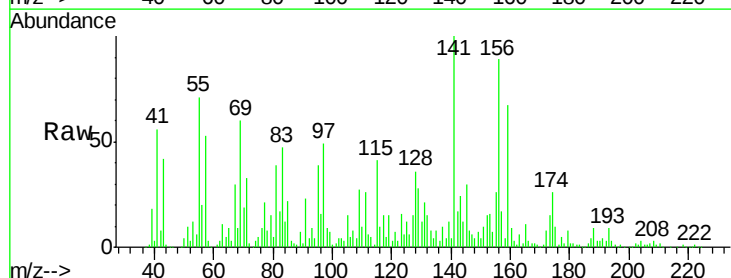
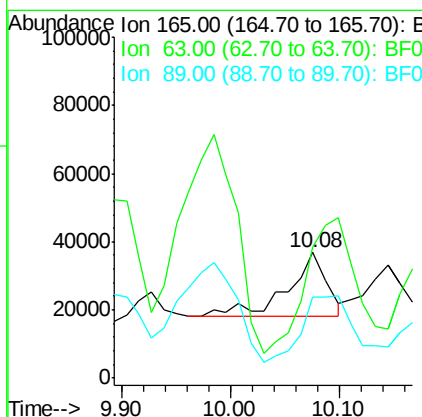
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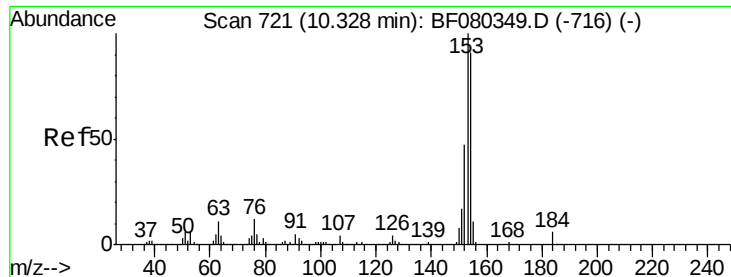
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#50
2,6-Dinitrotoluene
Concen: 41.88 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.05 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	47860		
63	104.8	44.8	67.2#	
89	64.9	45.9	68.9	





#51

Acenaphthene

Concen: 60.80 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.05 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

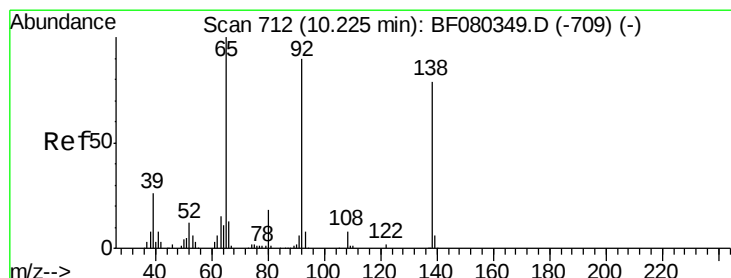
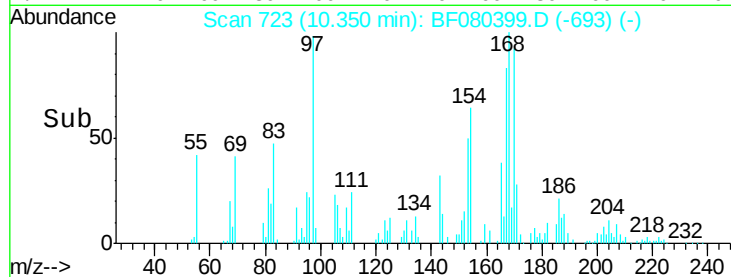
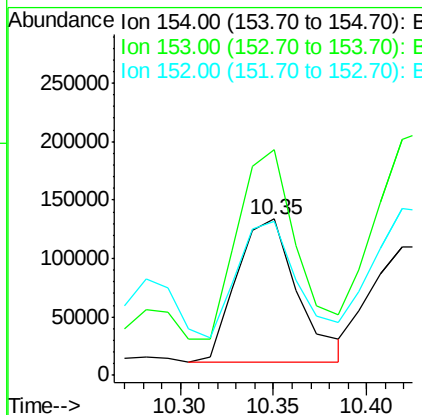
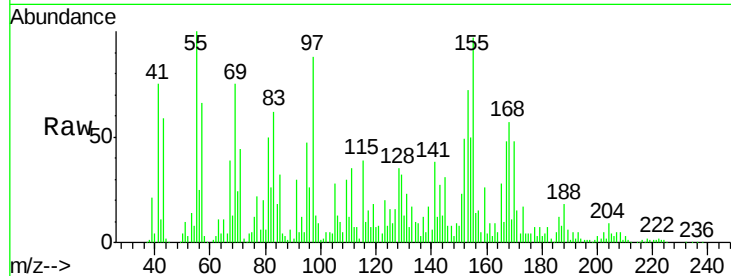
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	279150		
153	144.1	88.1	132.1#	
152	98.8	41.8	62.6#	



#52

3-Nitroaniline

Concen: 26.87 ng

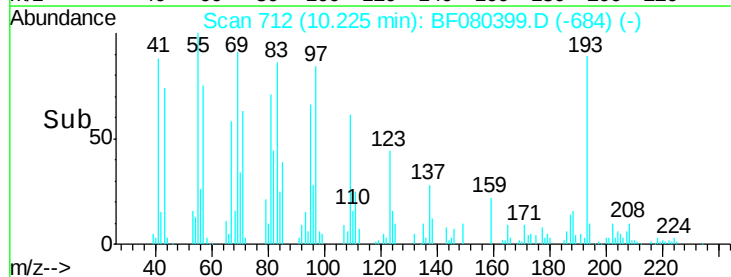
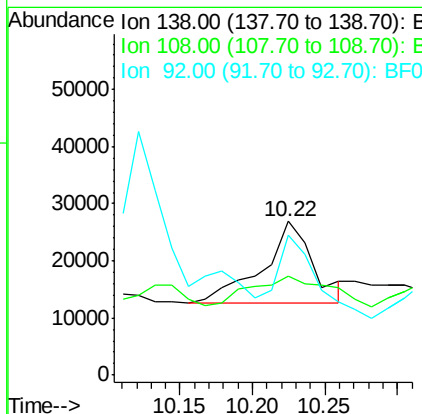
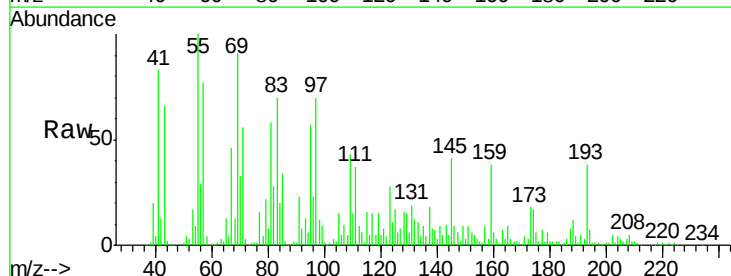
RT: 10.22 min Scan# 712

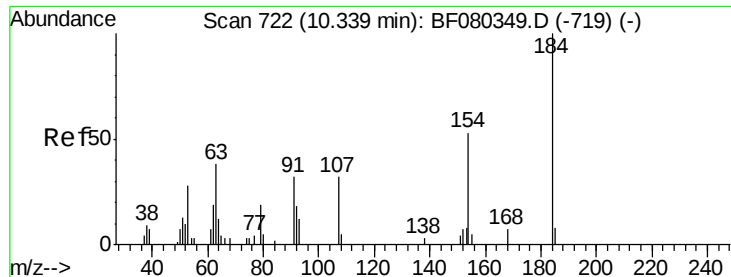
Delta R.T. 0.02 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	34604		
108	64.6	7.8	11.8#	
92	90.8	91.0	136.6#	





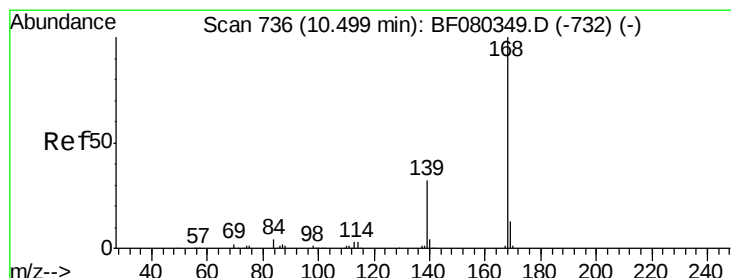
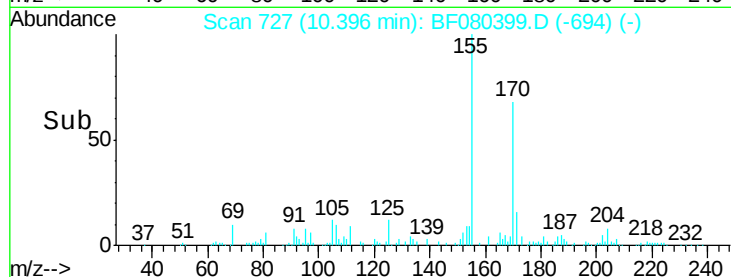
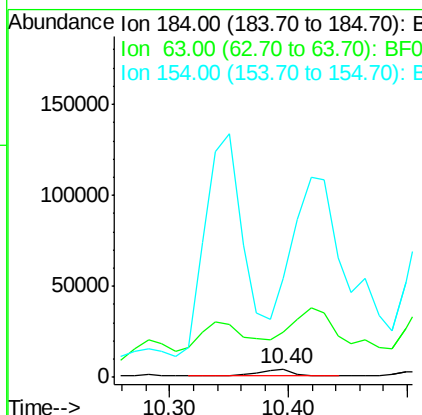
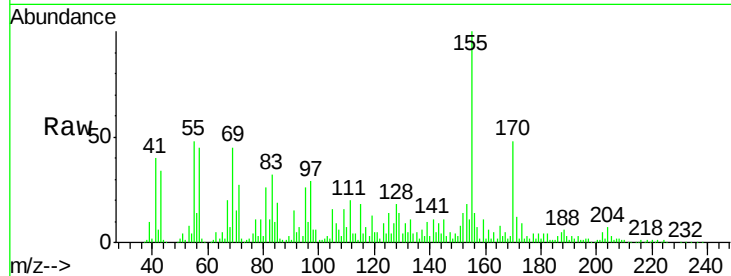
#53
2,4-Dinitrophenol
Concen: 23.70 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.08 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:184 Resp: 8825
Ion Ratio Lower Upper
184 100
63 518.3 30.6 46.0#
154 1153.1 45.3 67.9

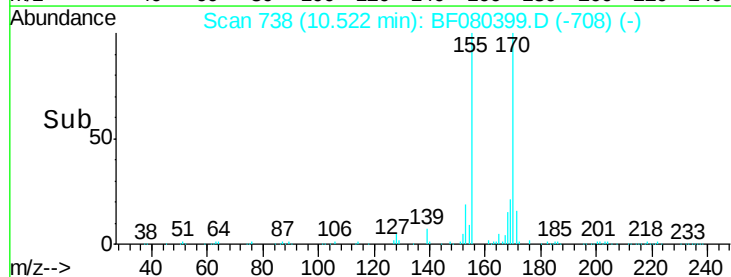
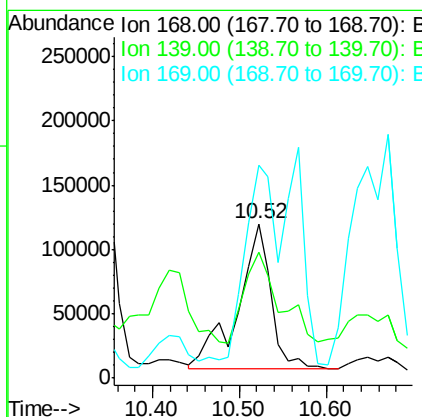
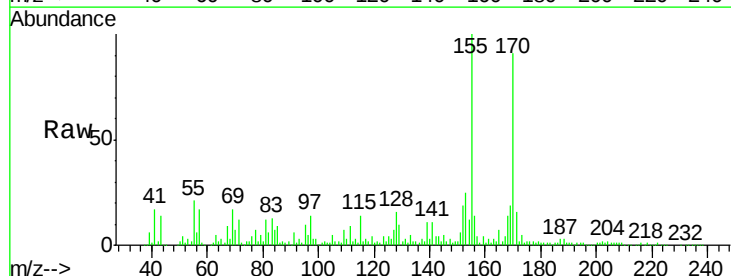
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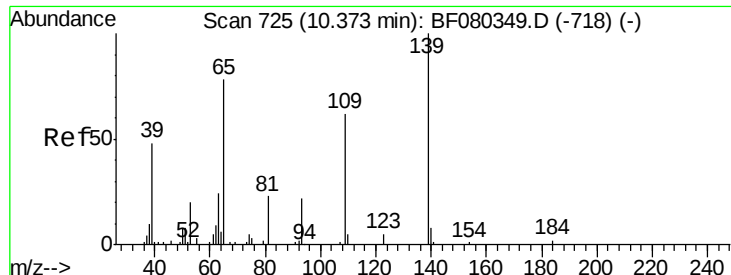
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#54
Dibenzofuran
Concen: 46.63 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.05 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion:168 Resp: 304364
Ion Ratio Lower Upper
168 100
139 81.8 25.9 38.9#
169 138.1 10.3 15.5#





#55

4-Nitrophenol

Concen: 204.06 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.07 min

Lab File: BF080399.D

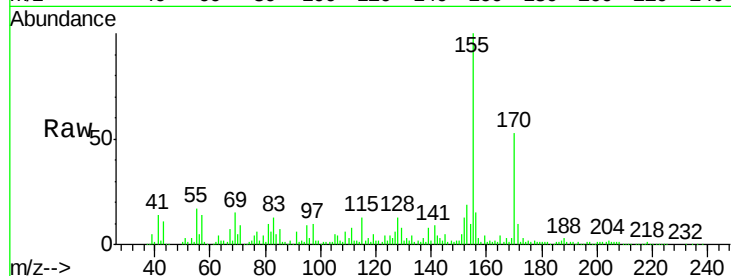
Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

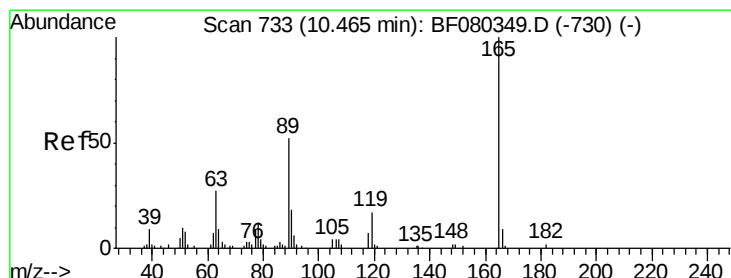
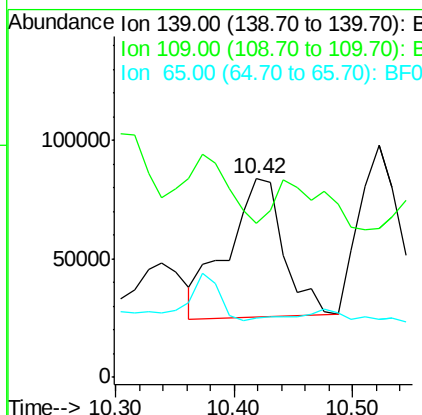
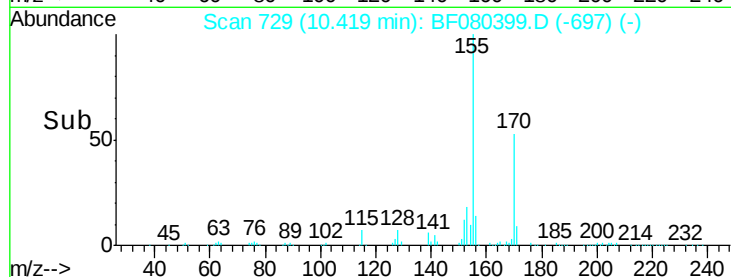
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	192615		
109	77.8	42.3	82.3	
65	29.9	58.5	98.5	

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#56

2,4-Dinitrotoluene

Concen: 134.01 ng

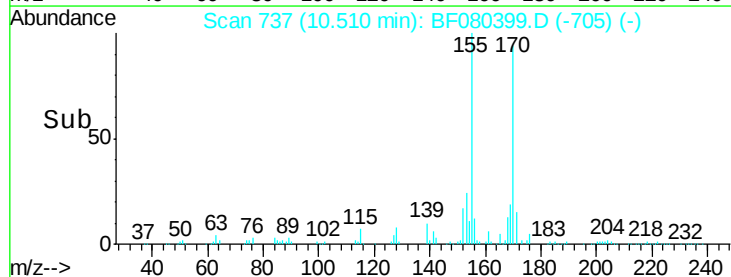
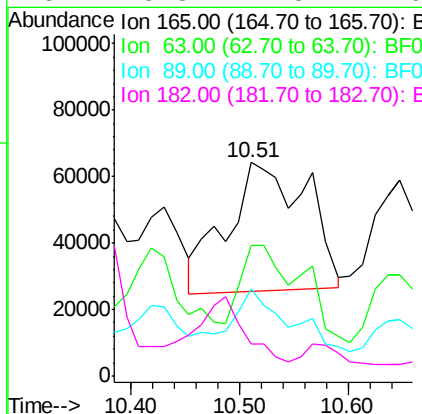
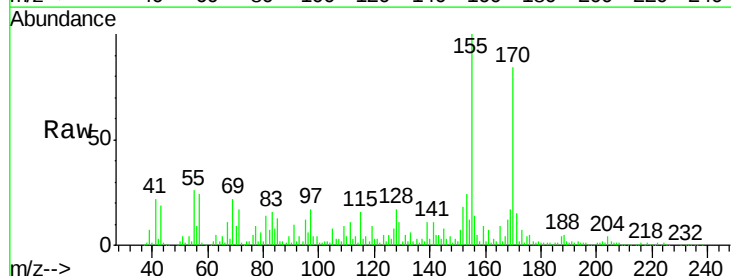
RT: 10.51 min Scan# 737

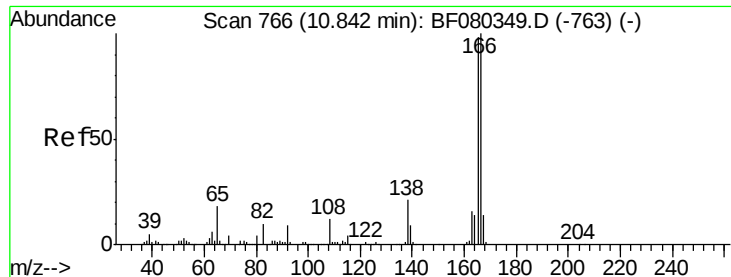
Delta R.T. 0.07 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	196954		
63	61.3	21.8	32.8	
89	40.7	41.3	61.9	
182	15.3	1.8	2.6	





#57

Fluorene

Concen: 90.40 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.06 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

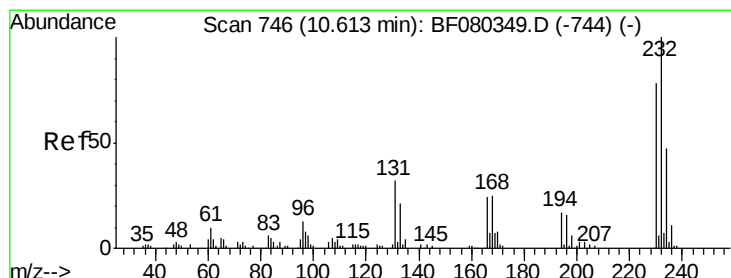
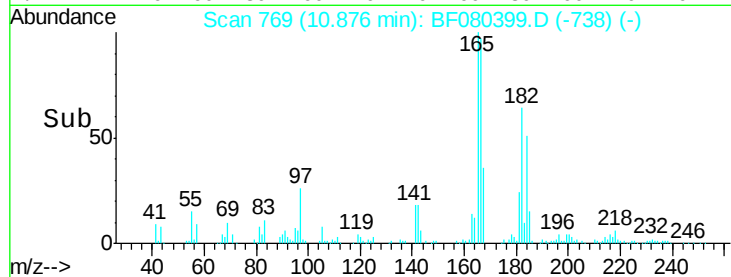
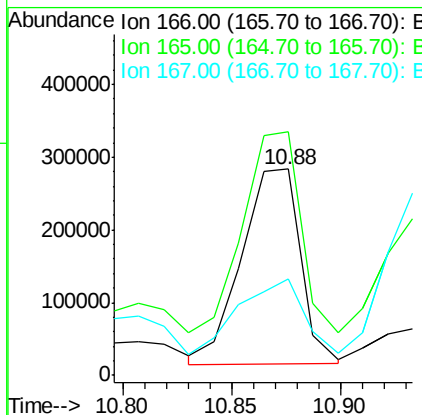
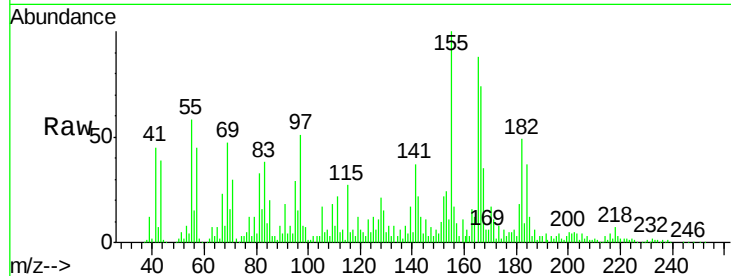
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Tgt Ion:	166	Resp:	508152
Ion Ratio	Lower	Upper	
166	100		
165	118.2	78.6	117.8#
167	46.8	10.8	16.2#



#58

2,3,4,6-Tetrachlorophenol

Concen: 10.41 ng

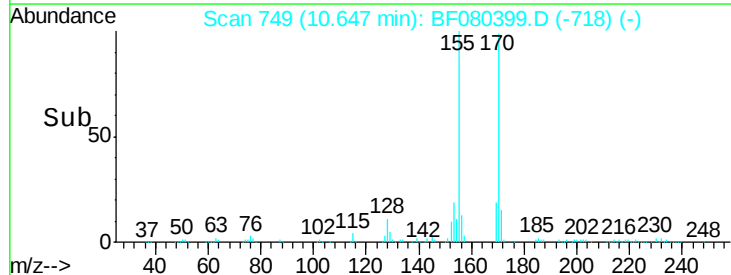
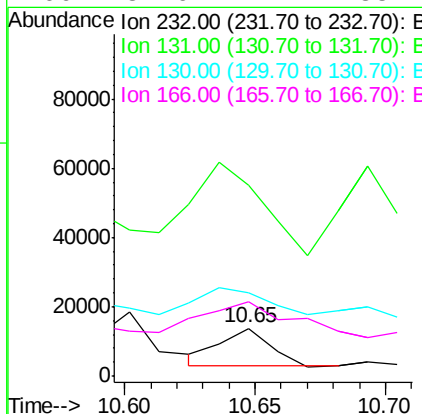
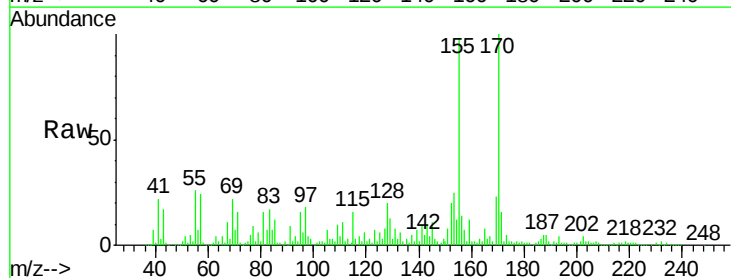
RT: 10.65 min Scan# 749

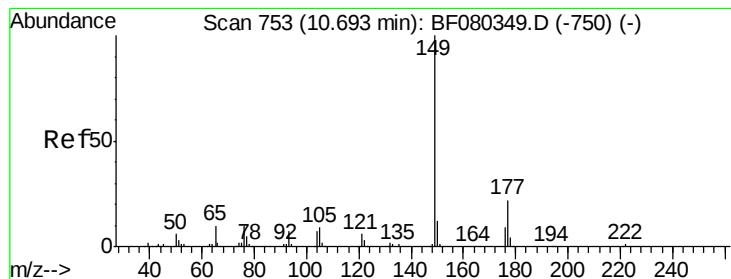
Delta R.T. 0.06 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:	232	Resp:	13809
Ion Ratio	Lower	Upper	
232	100		
131	405.3	33.4	50.2#
130	211.6	1.8	2.6#
166	181.6	22.1	33.1#





#59

Diethylphthalate

Concen: 17.91 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.03 min

Lab File: BF080399.D

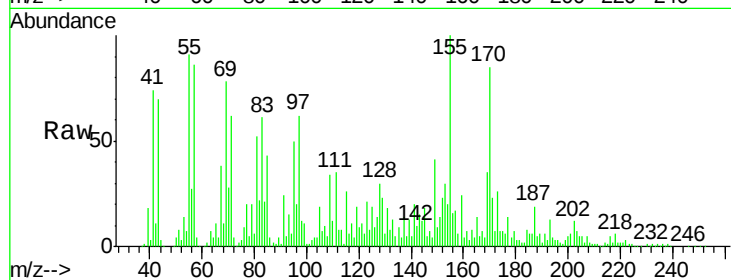
Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

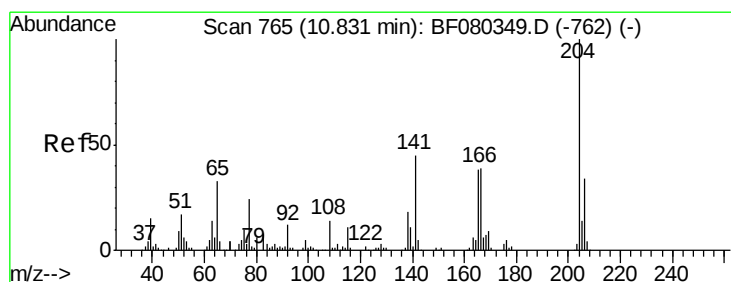
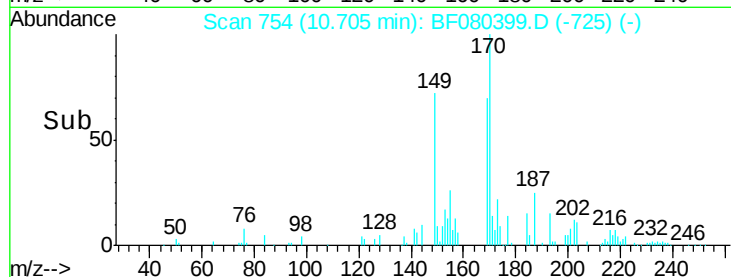
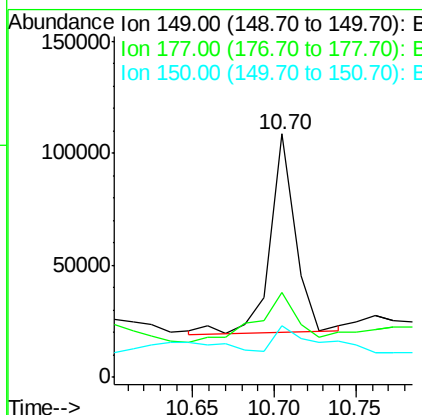
SB-04-6.5-7.0-070115MSD



Tgt Ion	Ratio	Lower	Upper
149	100		
177	34.7	17.6	26.4#
150	21.1	10.0	15.0#

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#60

4-Chlorophenyl-phenylether

Concen: 16.66 ng

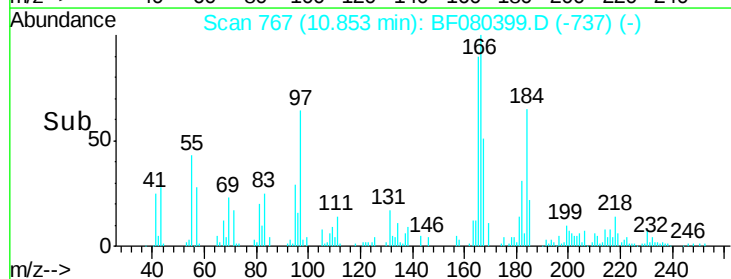
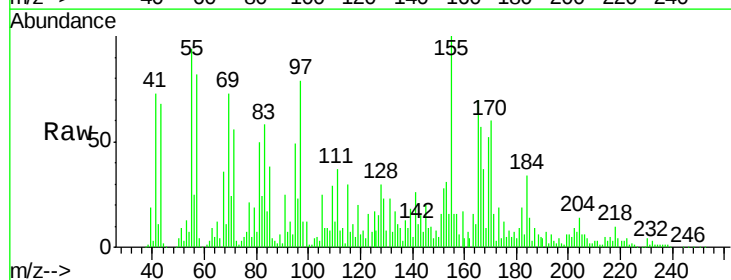
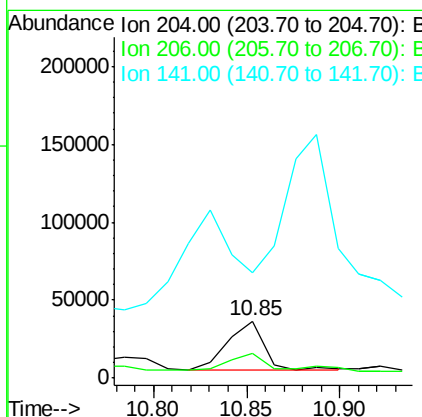
RT: 10.85 min Scan# 767

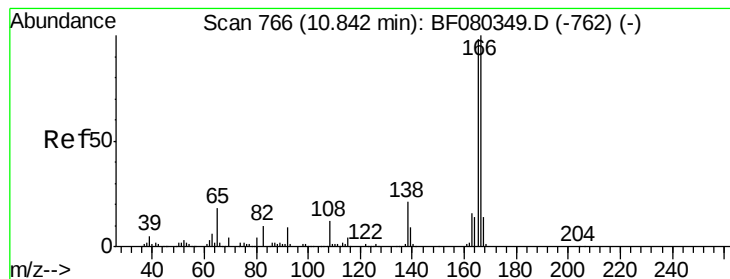
Delta R.T. 0.05 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	43.5	27.2	40.8#
141	184.7	35.9	53.9#





#61

4-Nitroaniline

Concen: 17.55 ng m

RT: 10.84 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF080399.D

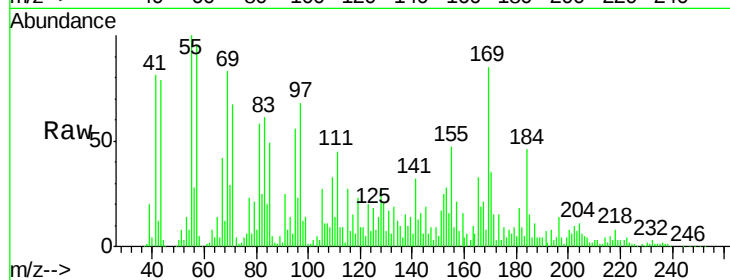
Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115MSD



Tgt Ion: 138 Resp: 21942

Ion Ratio Lower Upper

138 100

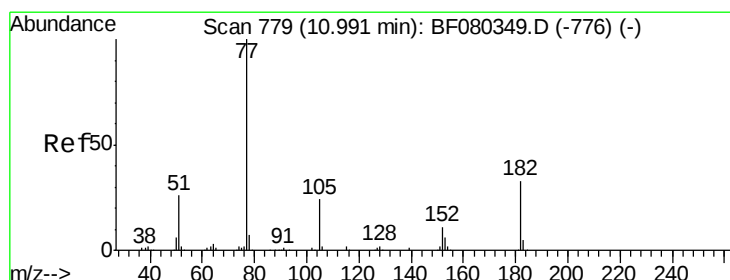
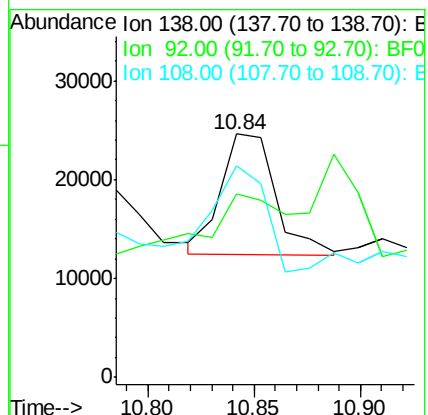
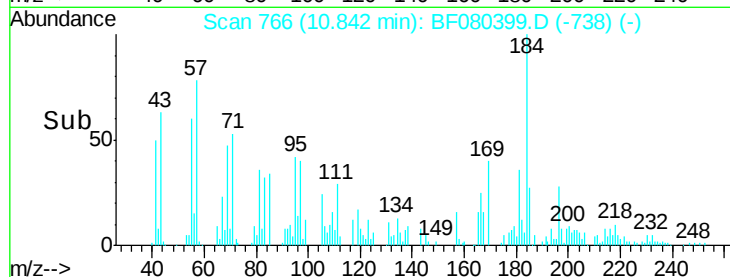
92 75.5 21.0 61.0#

108 87.1 38.4 78.4#

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#62

Azobenzene

Concen: 26.30 ng

RT: 11.01 min Scan# 781

Delta R.T. 0.05 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion: 77 Resp: 136409

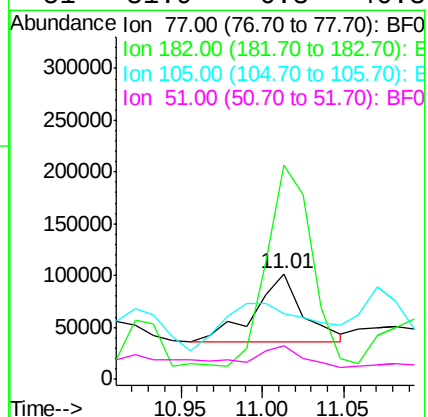
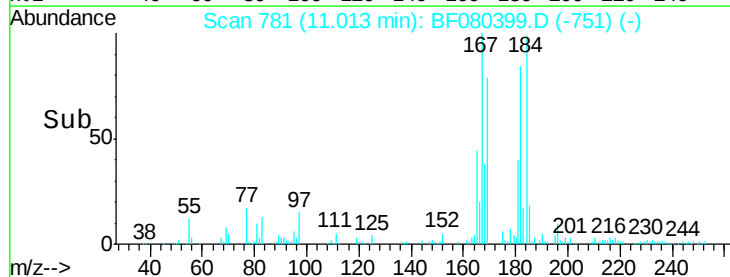
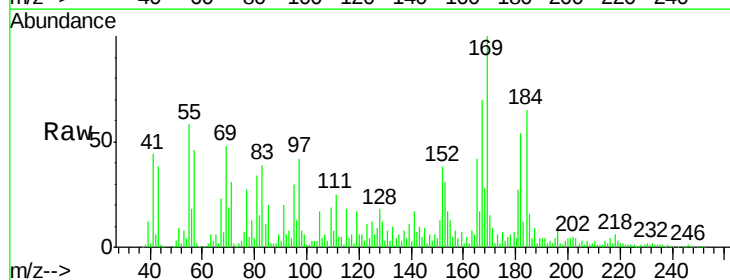
Ion Ratio Lower Upper

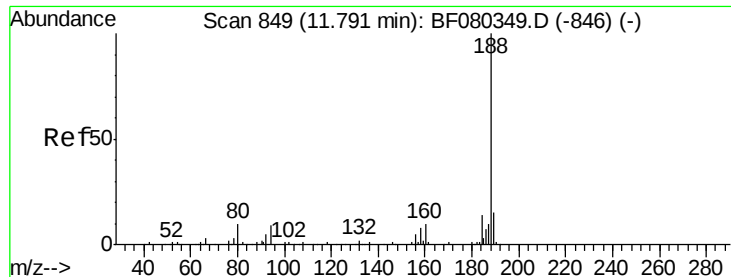
77 100

182 203.0 13.2 53.2#

105 61.8 4.3 44.3#

51 31.9 6.3 46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.81 min Scan# 851

Delta R.T. 0.03 min

Lab File: BF080399.D

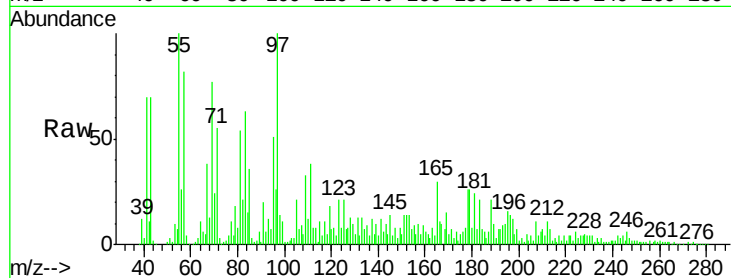
Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

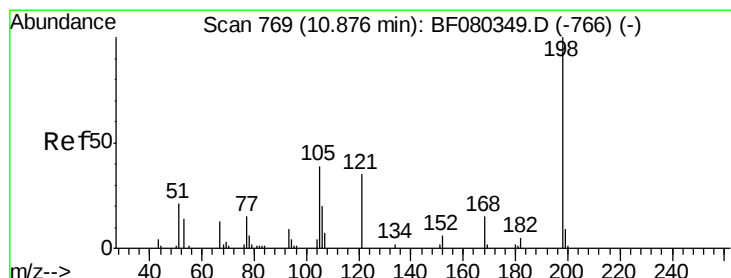
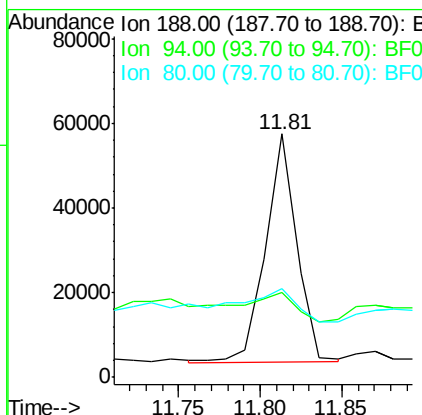
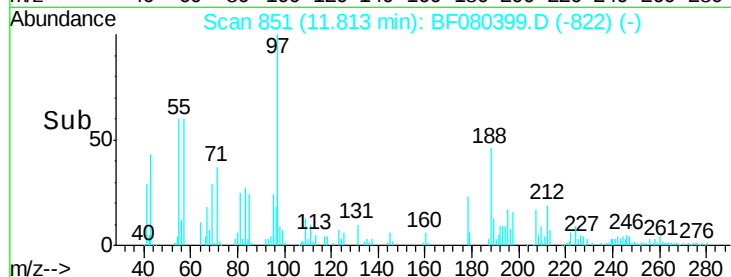
SB-04-6.5-7.0-070115MSD



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	72649		
94	34.8	7.5	11.3#	
80	36.3	8.3	12.5#	

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#64

4,6-Dinitro-2-methylphenol

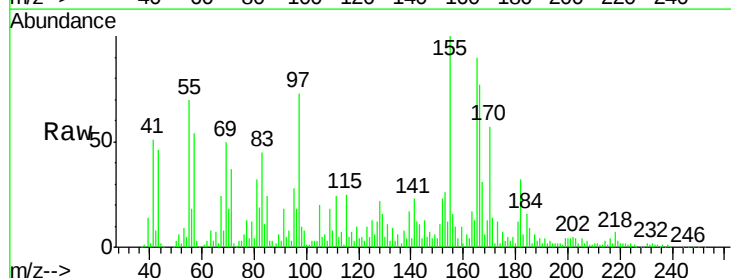
Concen: 26.74 ng

RT: 10.86 min Scan# 768

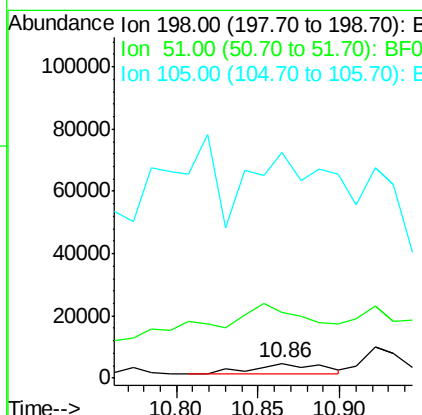
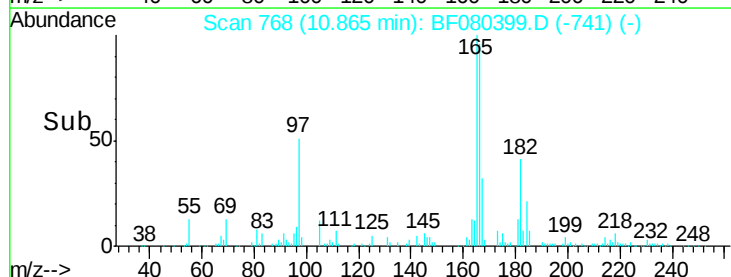
Delta R.T. 0.01 min

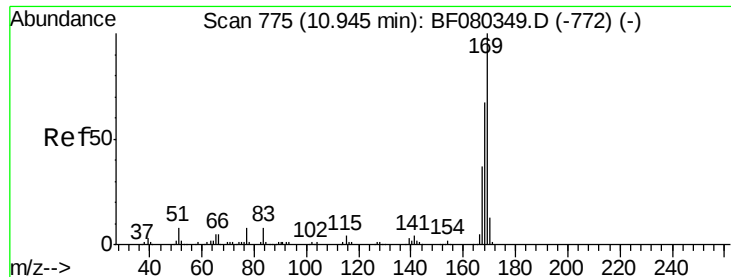
Lab File: BF080399.D

Acq: 8 Jul 2015 20:49



Tgt Ion	Ratio	Resp	Lower	Upper
198	100	10195		
51	451.5	17.0	57.0#	
105	1536.1	20.9	60.9#	





#65

n-Nitrosodiphenylamine

Concen: 462.81 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.06 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115MSD

Tgt Ion:169 Resp: 1070980

Ion Ratio Lower Upper

169 100

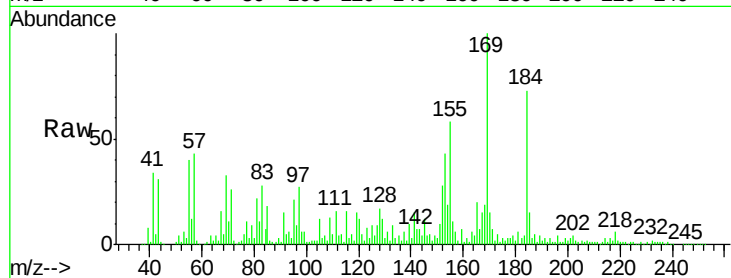
168 18.6 53.5 80.3#

167 14.5 29.5 44.3#

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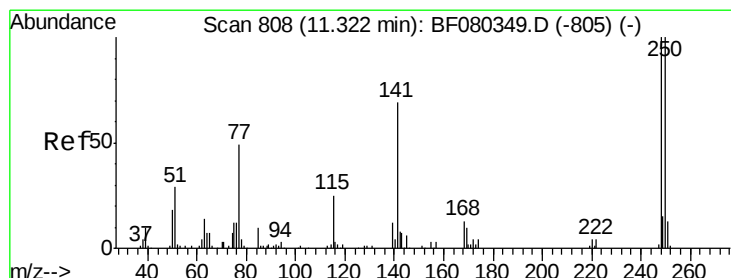
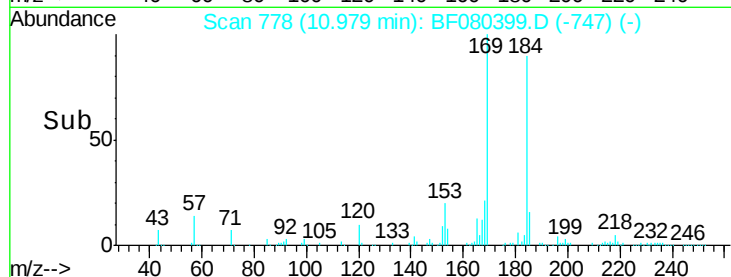
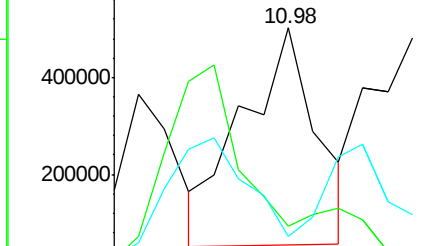
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.89 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.05 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

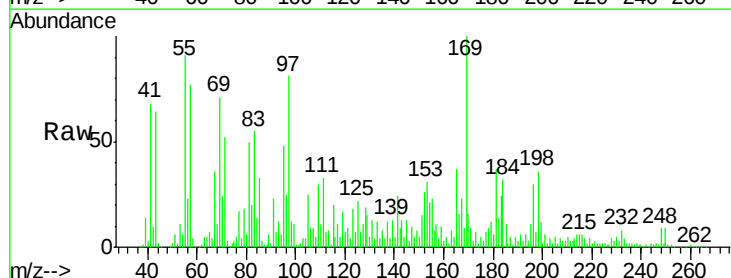
Tgt Ion:248 Resp: 33202

Ion Ratio Lower Upper

248 100

250 100.4 80.0 120.0

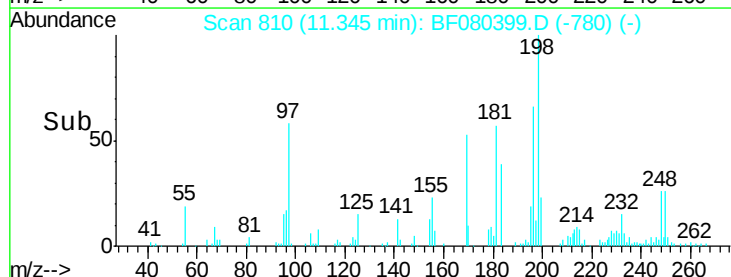
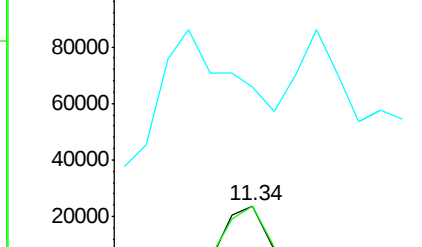
141 277.3 54.8 82.2#

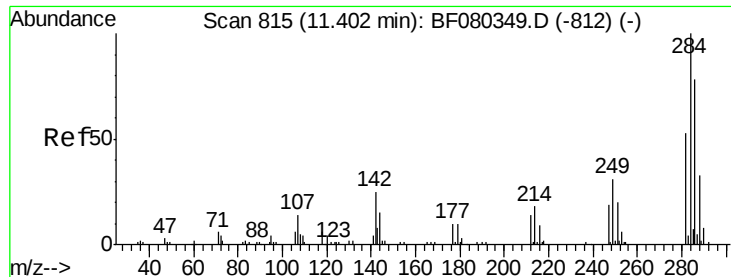


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





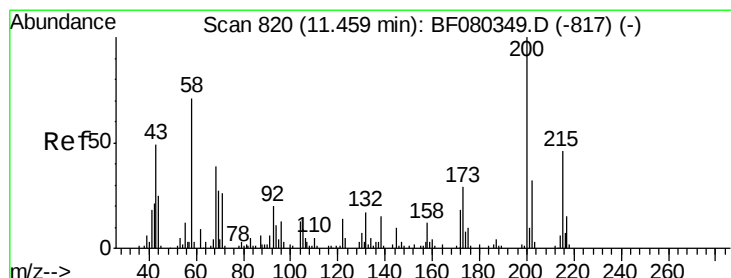
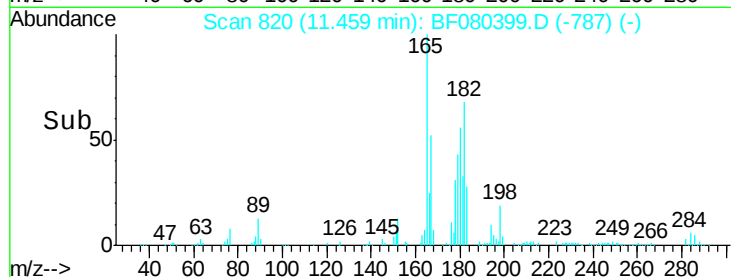
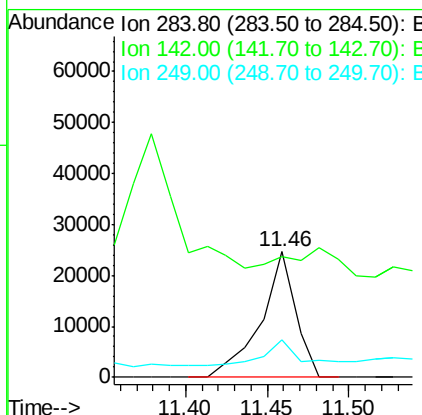
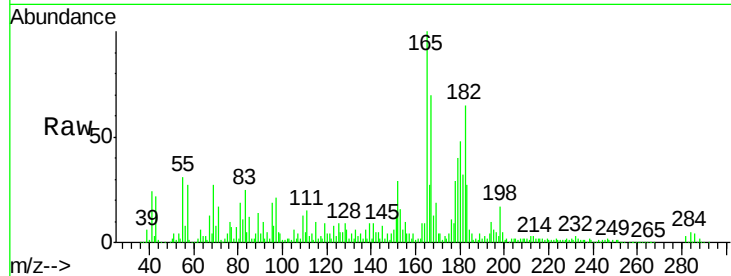
#67
Hexachlorobenzene
Concen: 41.84 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.08 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	96.3	20.3	30.5#
249	29.9	24.7	37.1

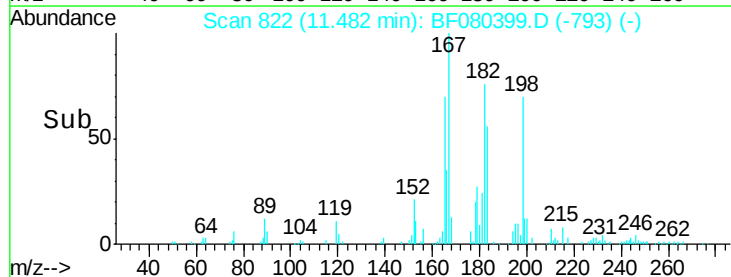
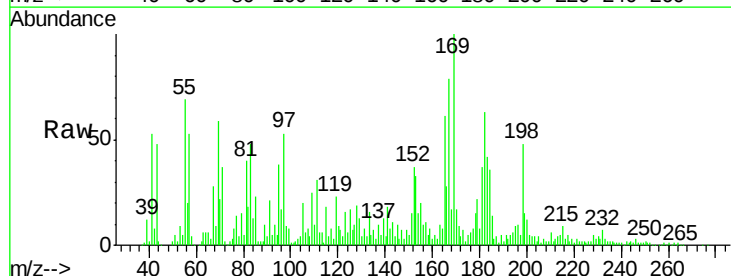
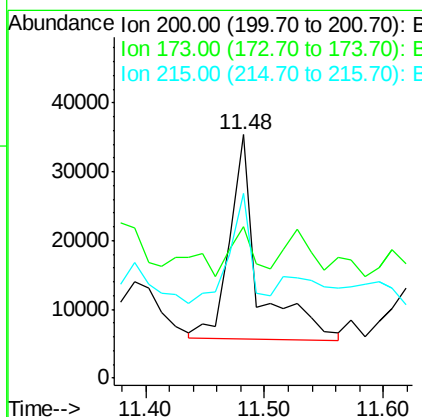
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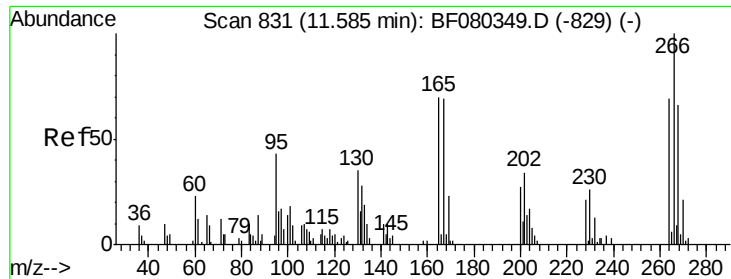
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#68
Atrazine
Concen: 72.11 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.03 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	62.2	9.9	49.9#
215	75.6	26.2	66.2#





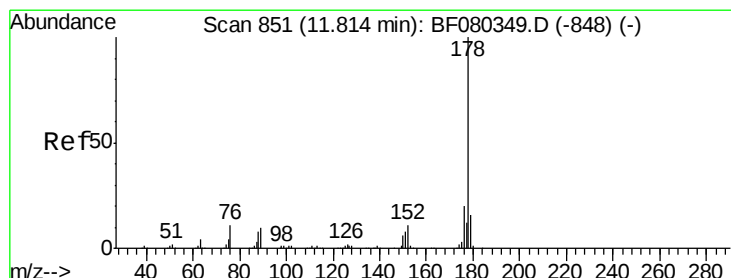
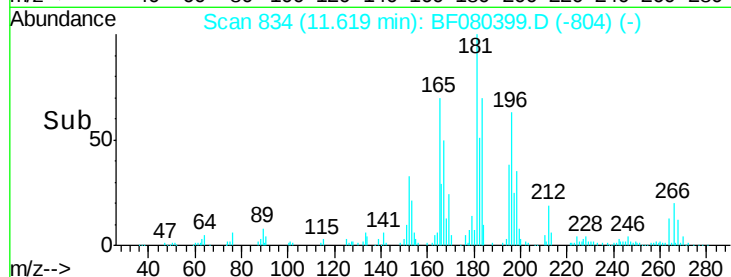
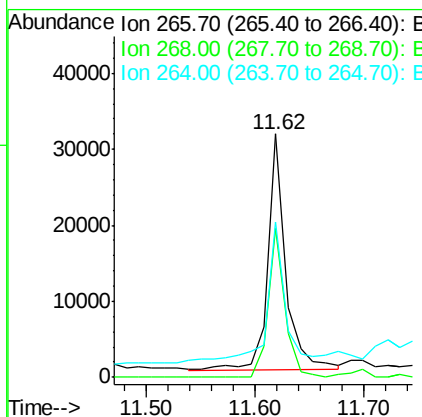
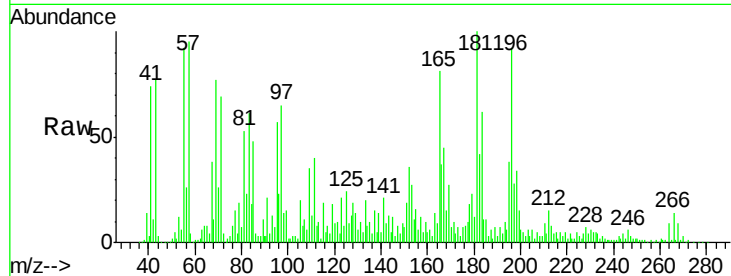
#69
 Pentachlorophenol
 Concen: 83.71 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.05 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	52.7	79.1
264	63.7	55.0	82.6

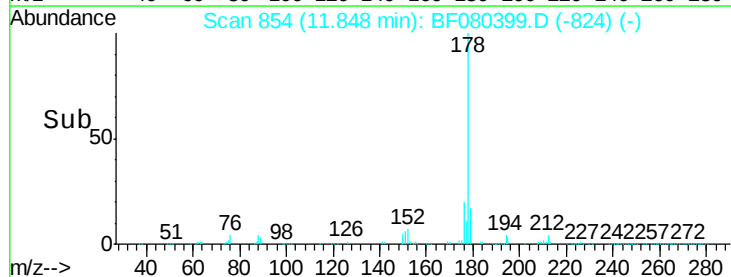
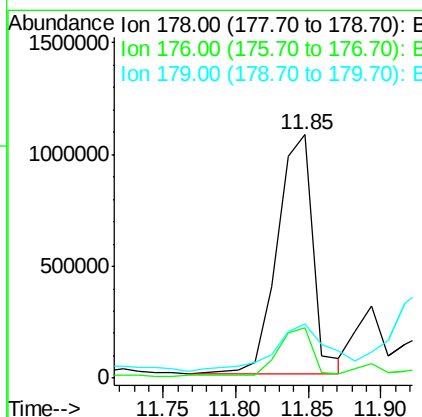
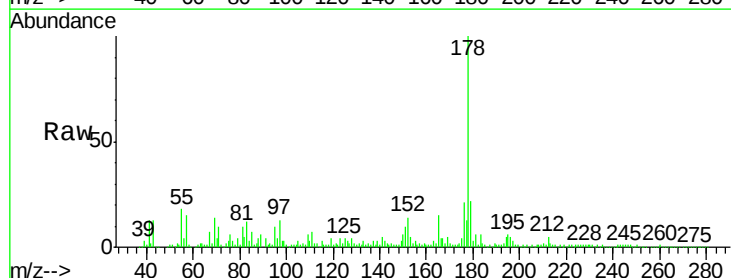
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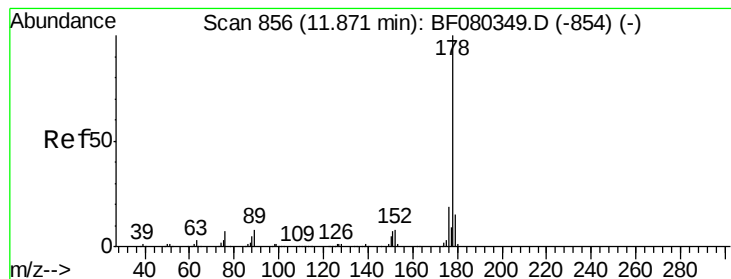
apatel
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#70
 Phenanthrene
 Concen: 422.74 ng
 RT: 11.85 min Scan# 854
 Delta R.T. 0.05 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.1	24.1
179	22.1	12.6	18.8





#71

Anthracene

Concen: 69.68 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.03 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

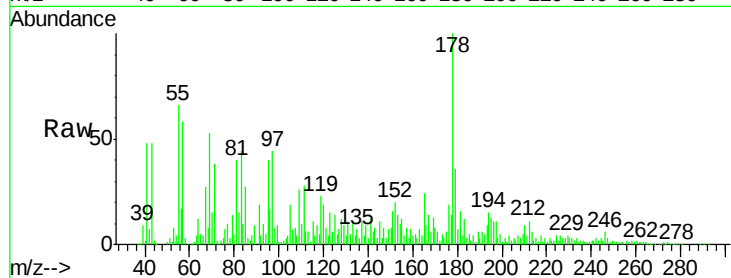
ClientSampleId :

SB-04-6.5-7.0-070115MSD

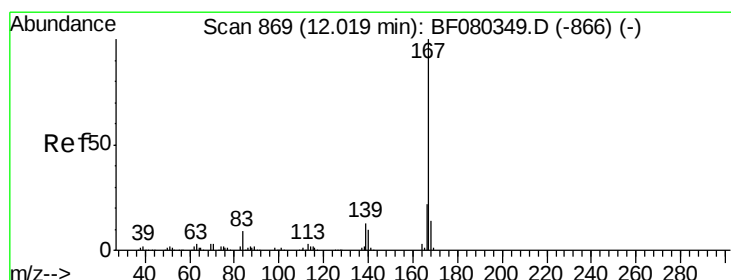
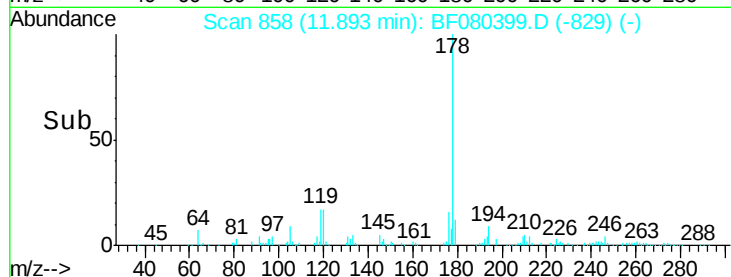
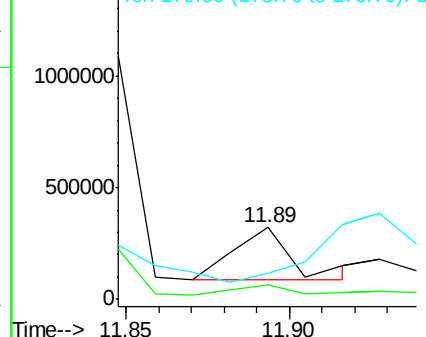
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	35.5	12.3	18.5#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.48 ng

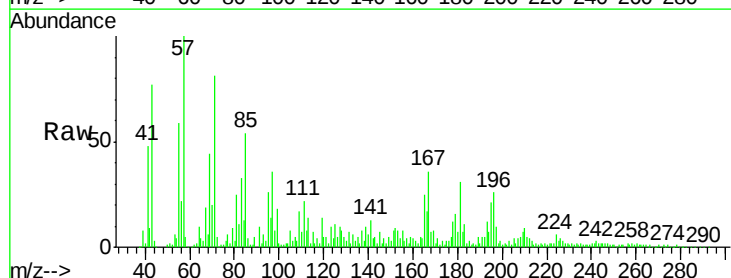
RT: 12.03 min Scan# 870

Delta R.T. 0.02 min

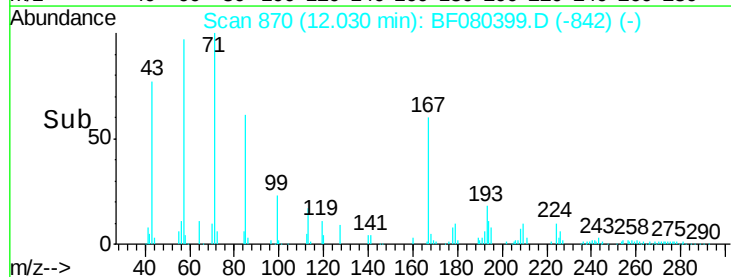
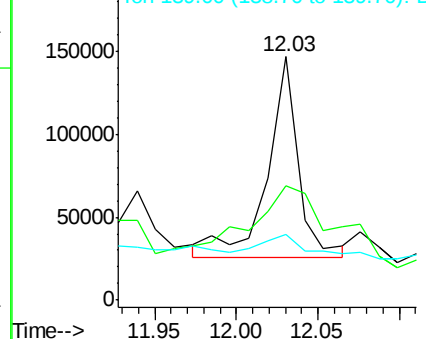
Lab File: BF080399.D

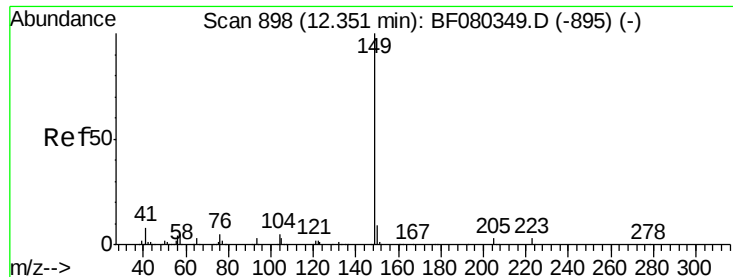
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	46.8	17.8	26.6#
139	26.8	10.4	15.6#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.07 ng

RT: 12.34 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

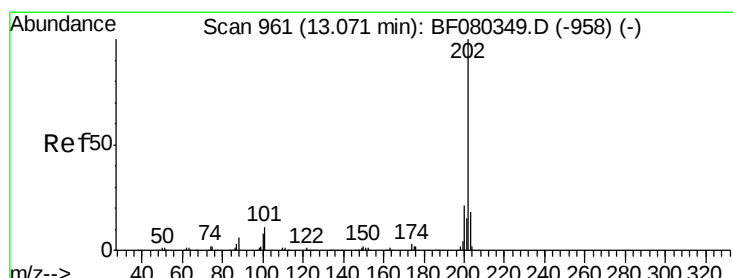
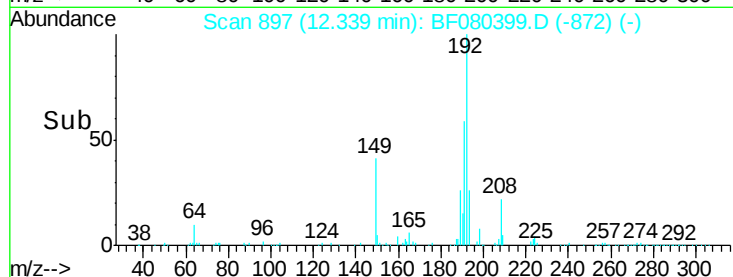
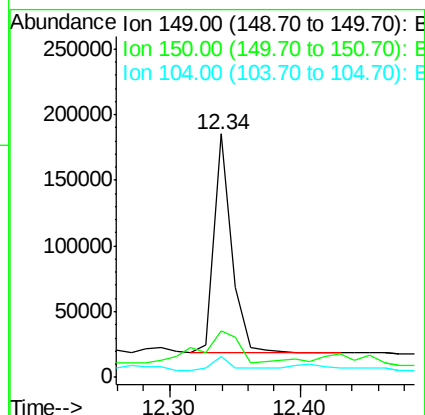
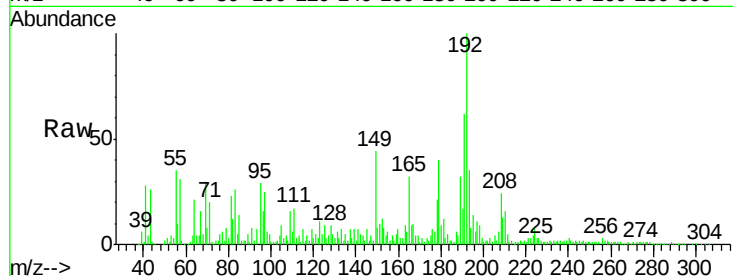
ClientSampleId :

SB-04-6.5-7.0-070115MSD

Tgt Ion:	149	Resp:	159868
Ion Ratio	Lower	Upper	
149	100		
150	19.2	7.5	11.3#
104	8.3	3.9	5.9#

Manual Integrations
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#74

Fluoranthene

Concen: 163.31 ng

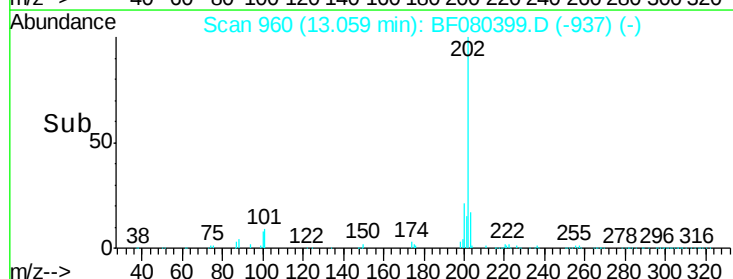
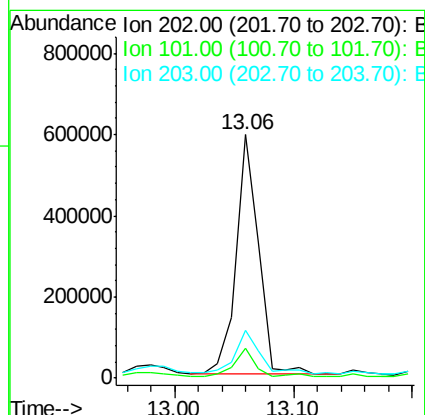
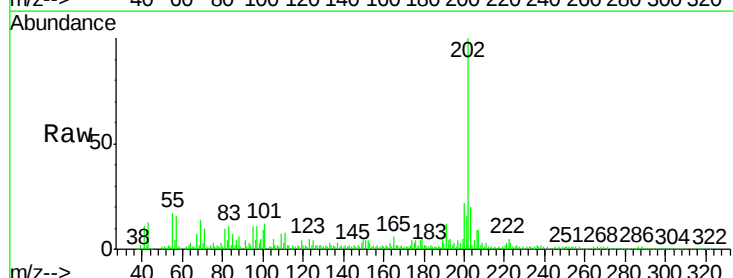
RT: 13.06 min Scan# 960

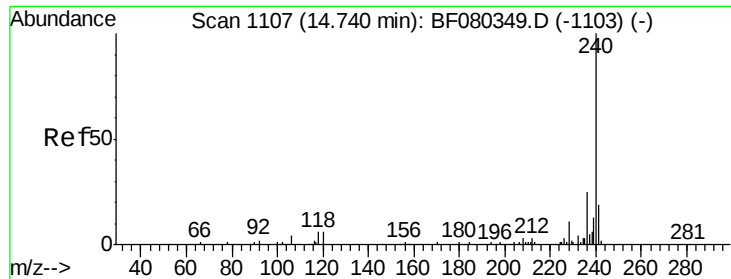
Delta R.T. -0.03 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion:	202	Resp:	764632
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.0
203	19.8	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng m

RT: 14.59 min Scan# 1094

Delta R.T. -0.25 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

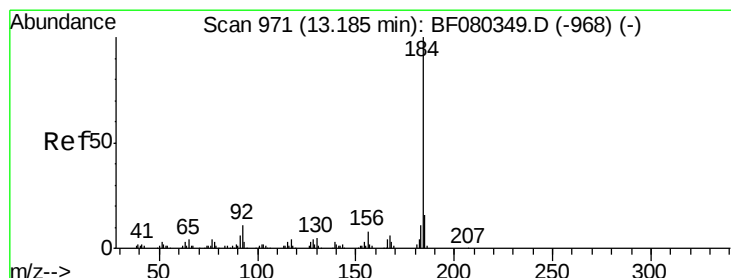
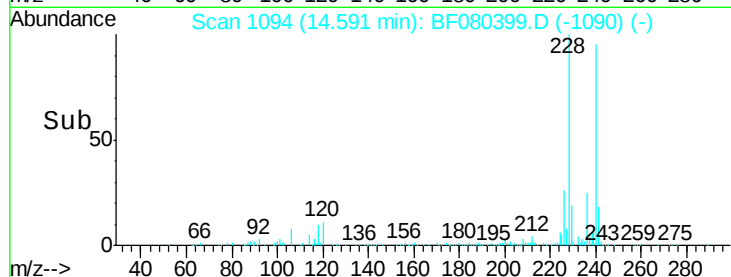
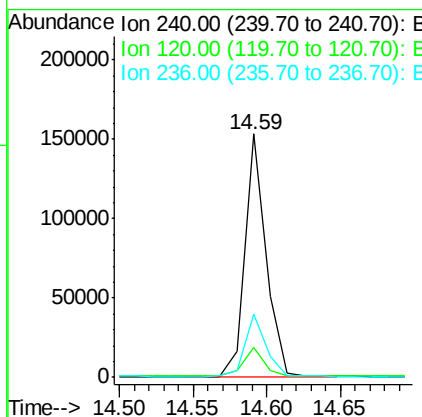
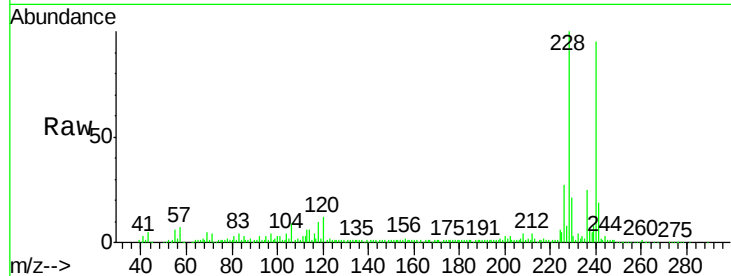
ClientSampleId :

SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.1	7.7#
236	26.1	20.4	30.6

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#76

Benzidine

Concen: 28.05 ng m

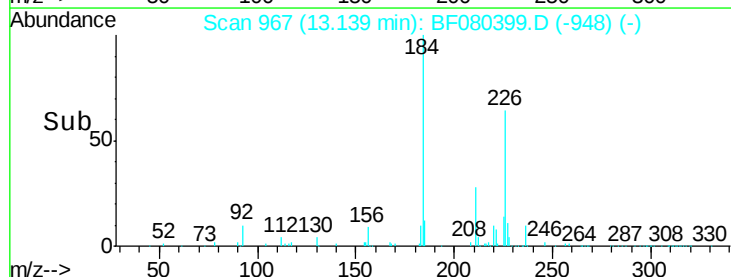
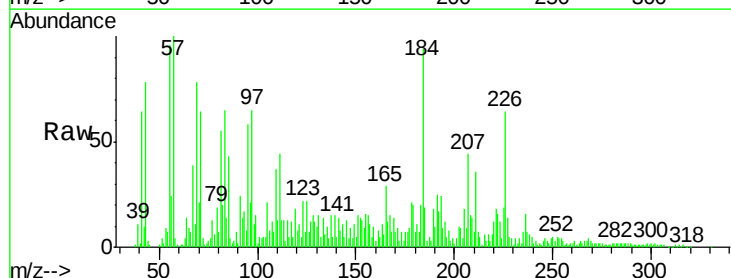
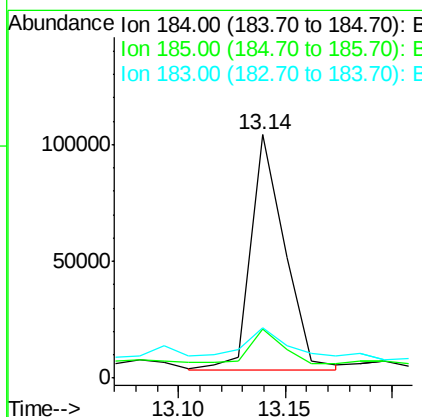
RT: 13.14 min Scan# 967

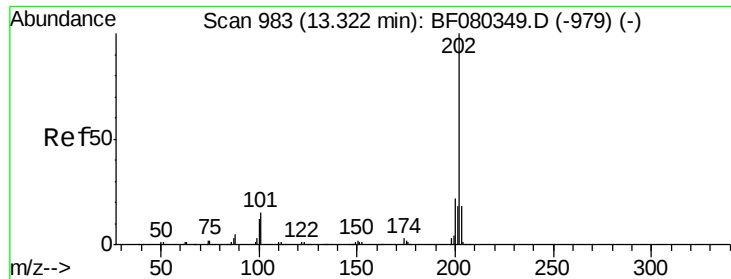
Delta R.T. -0.08 min

Lab File: BF080399.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	20.1	12.6	19.0#
183	20.8	9.2	13.8#





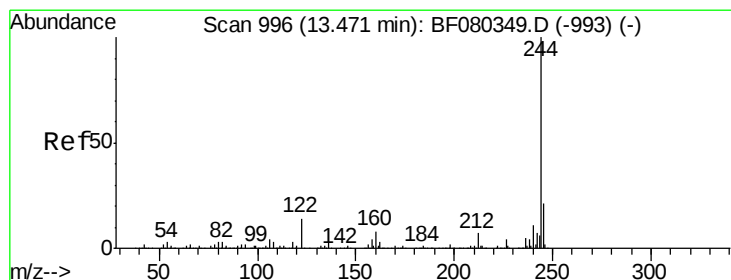
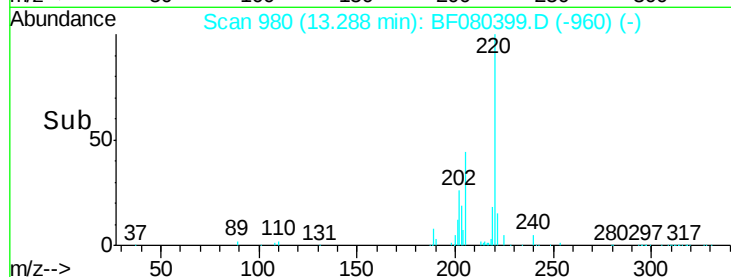
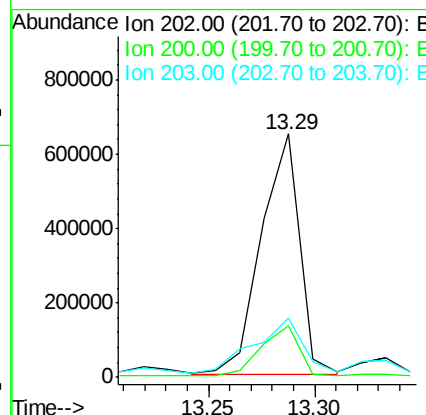
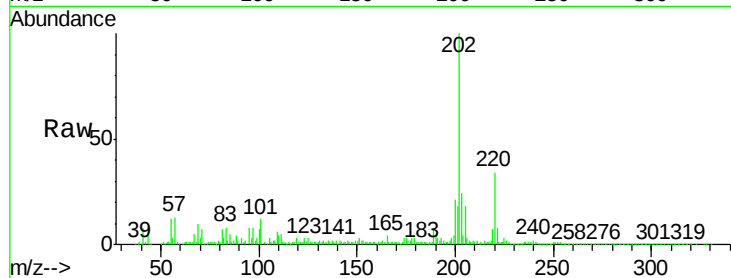
#77
 Pyrene
 Concen: 85.30 ng m
 RT: 13.29 min Scan# 980
 Delta R.T. -0.07 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	17.2	25.8
203	24.3	14.3	21.5

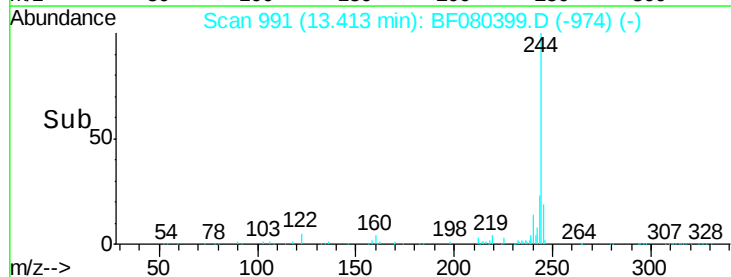
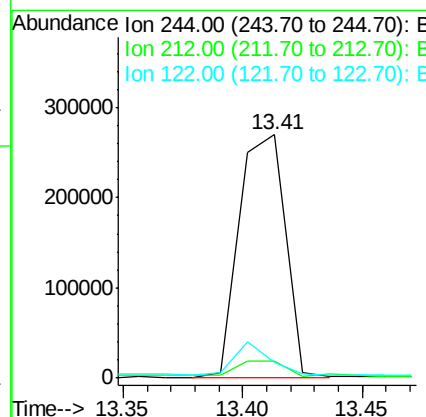
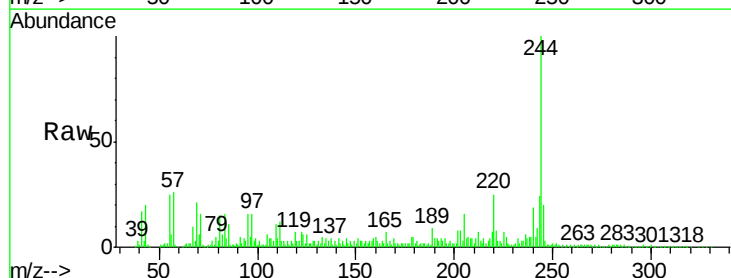
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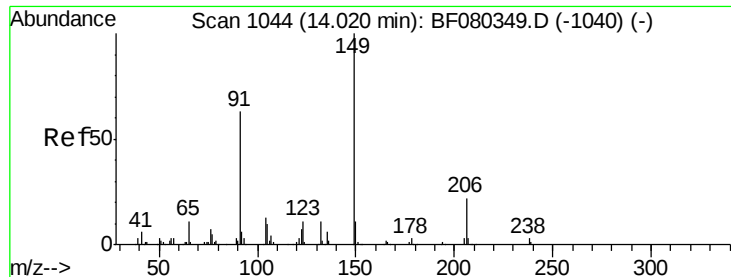
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#78
 Terphenyl-d14
 Concen: 54.39 ng m
 RT: 13.41 min Scan# 991
 Delta R.T. -0.10 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	5.8	8.8
122	6.7	11.1	16.7





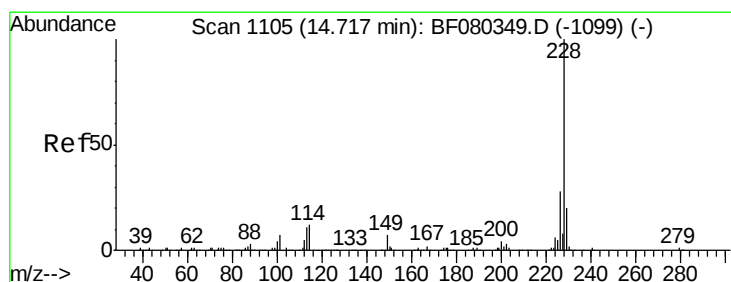
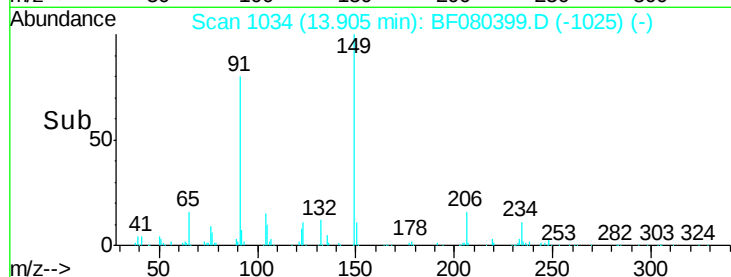
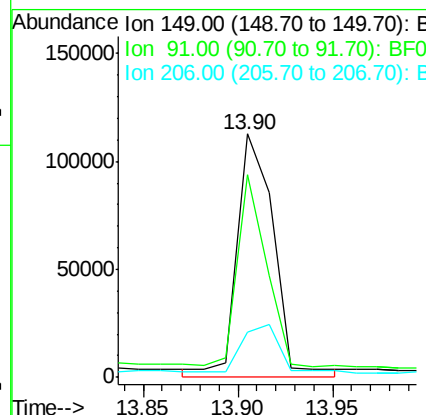
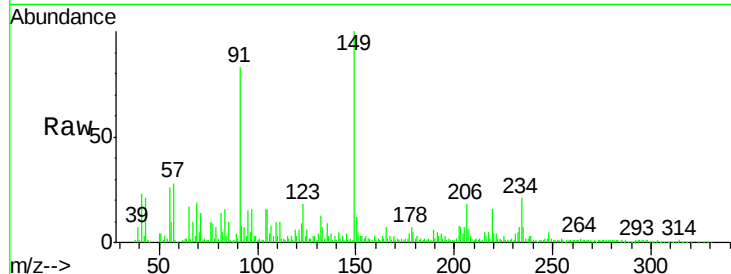
#79
Butylbenzylphthalate
Concen: 40.07 ng m
RT: 13.90 min Scan# 1034
Delta R.T. -0.19 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.1	50.8	76.2#
206	18.5	17.6	26.4

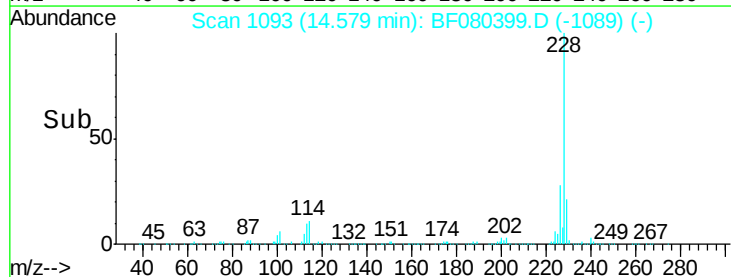
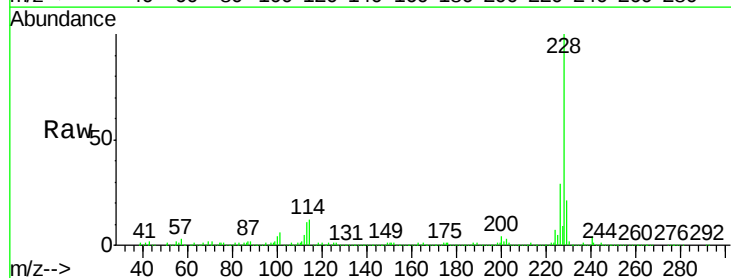
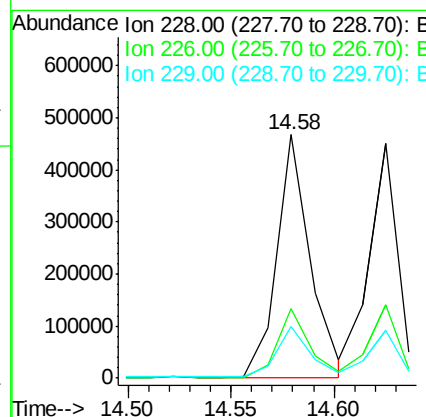
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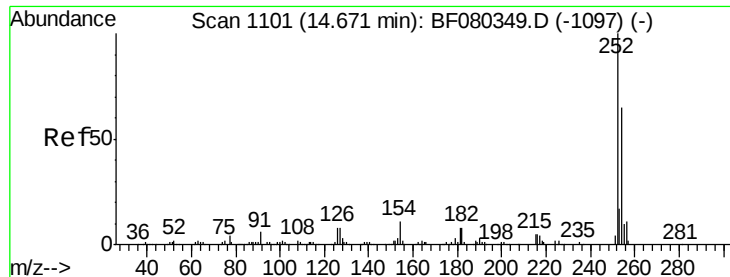
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#80
Benzo(a)anthracene
Concen: 55.65 ng m
RT: 14.58 min Scan# 1093
Delta R.T. -0.25 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.4
229	21.1	16.0	24.0





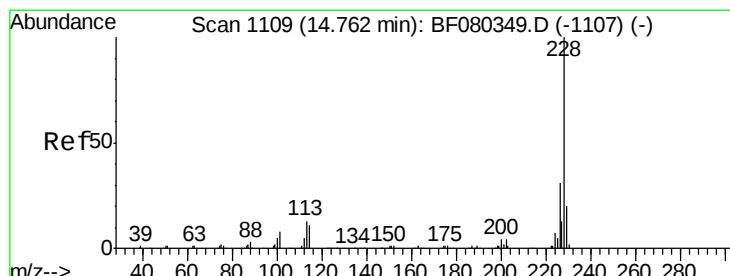
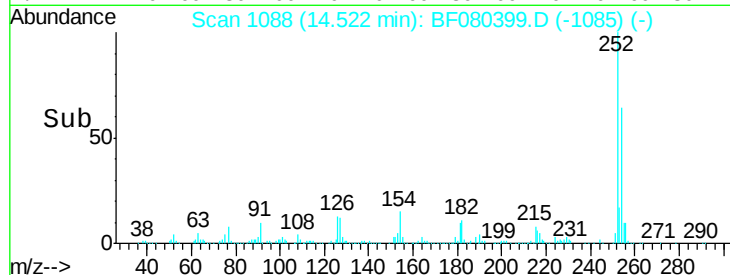
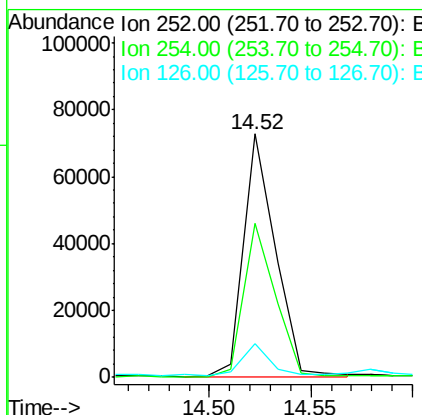
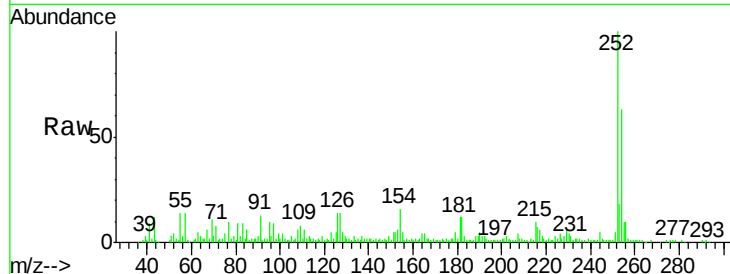
#81
 3,3'-Dichlorobenzidine
 Concen: 25.34 ng m
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.26 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.7	77.5
126	14.0	6.3	9.5

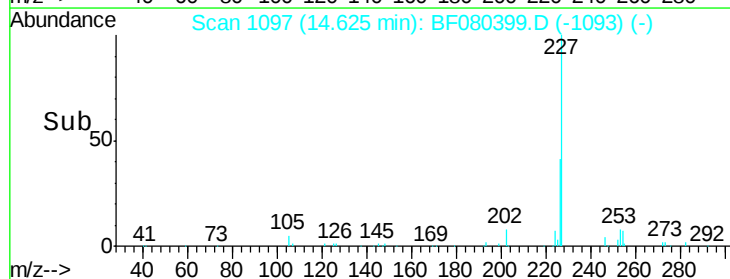
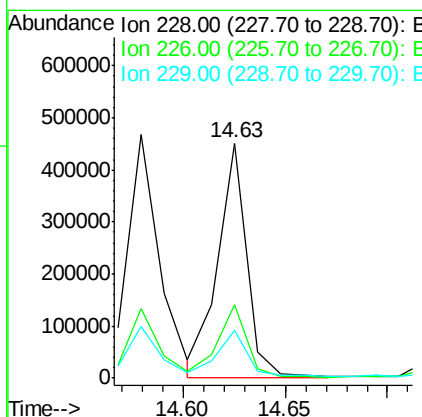
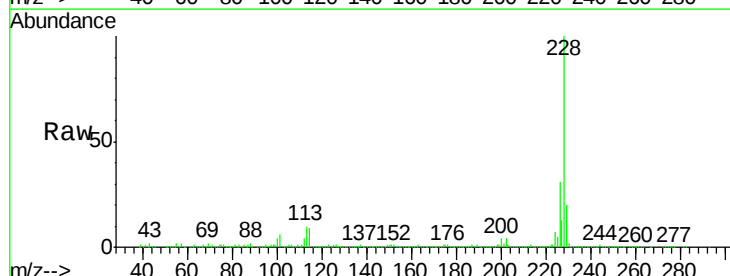
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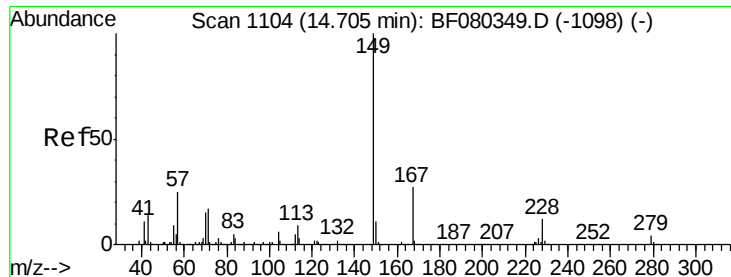
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#82
 Chrysene
 Concen: 51.20 ng m
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.25 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.4
229	20.4	16.1	24.1





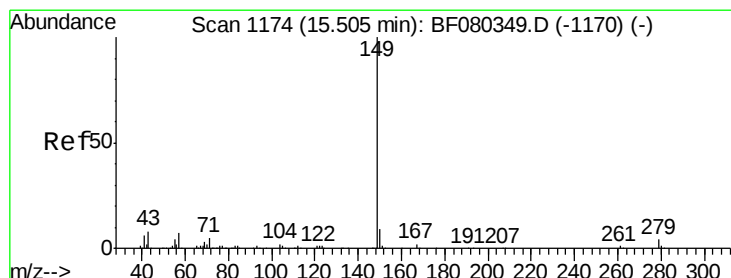
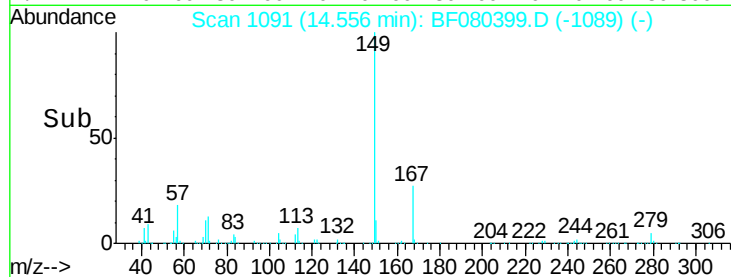
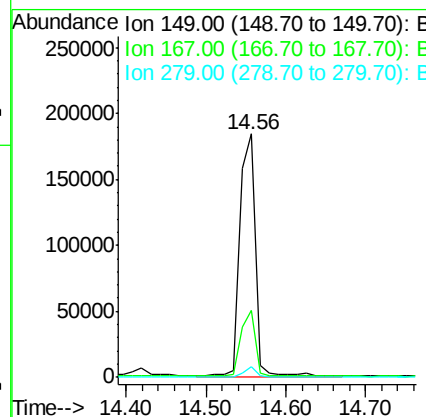
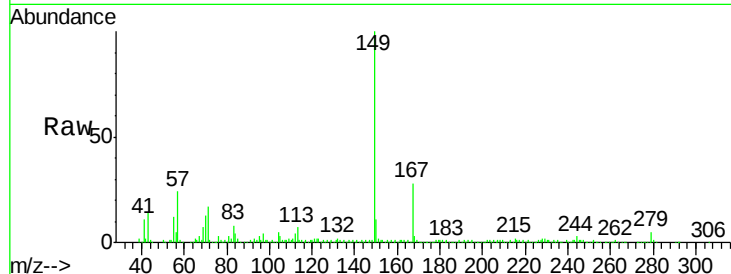
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.47 ng m
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.27 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.4	32.0
279	4.6	2.9	4.3#

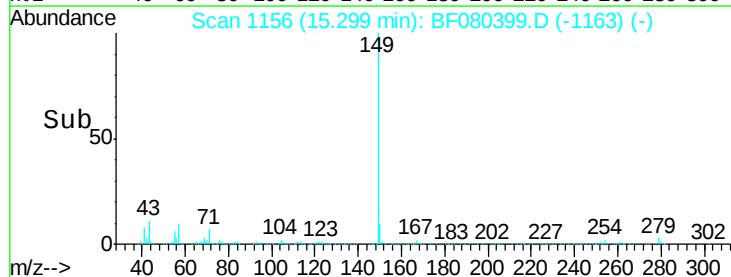
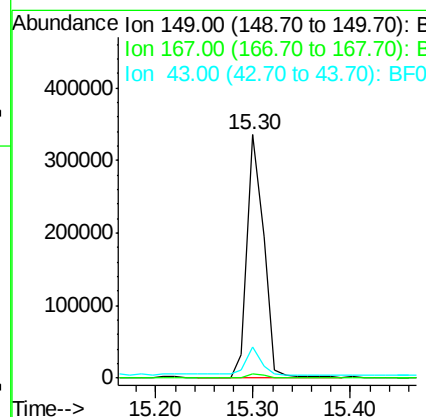
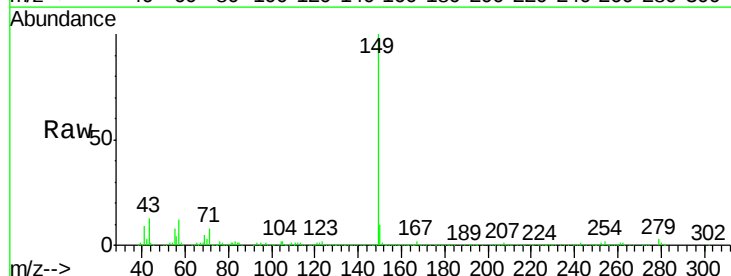
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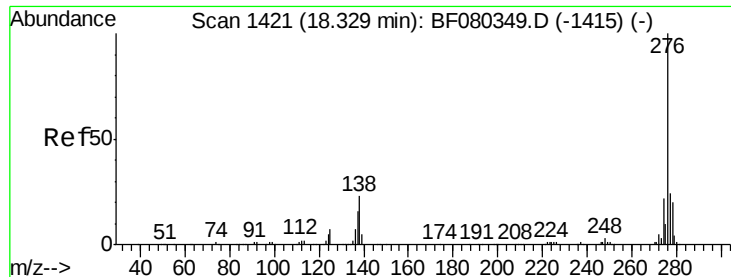
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#84
 Di-n-octyl phthalate
 Concen: 42.52 ng m
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.38 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.2	1.2	1.8#
43	0.0	9.1	13.7#





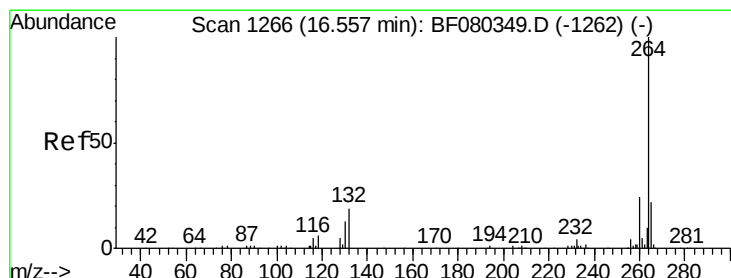
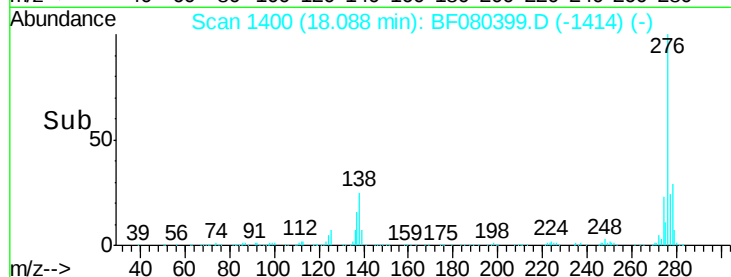
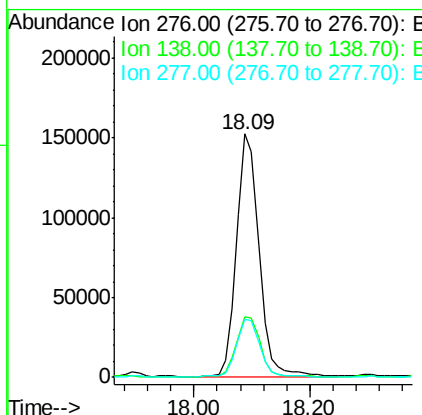
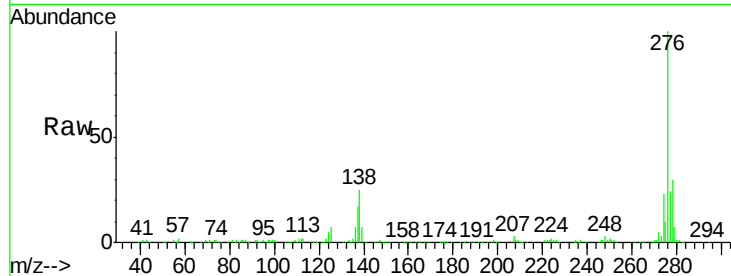
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.28 ng m
 RT: 18.09 min Scan# 1400
 Delta R.T. -0.46 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	19.7	29.5
277	19.9	19.4	29.0

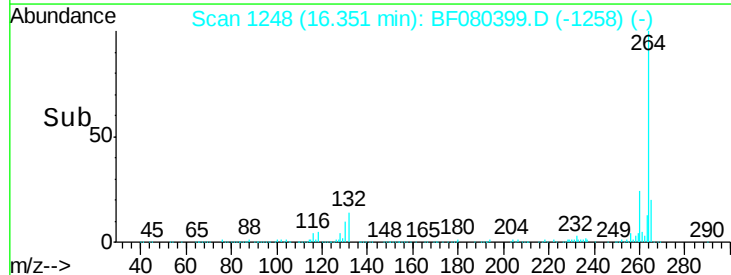
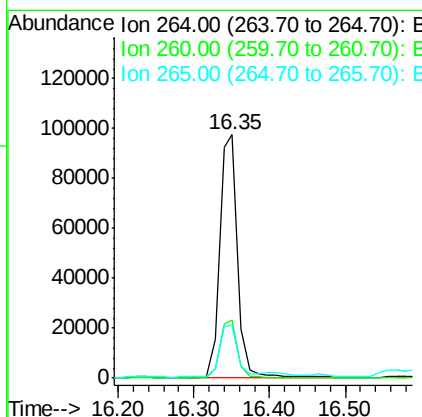
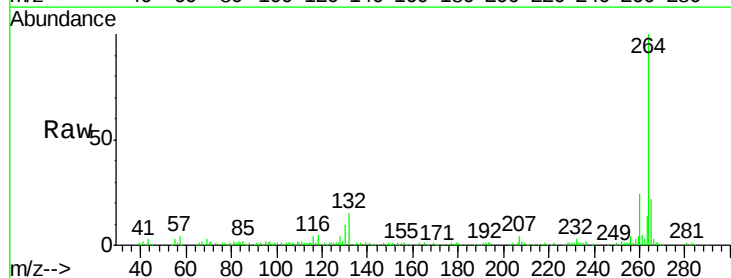
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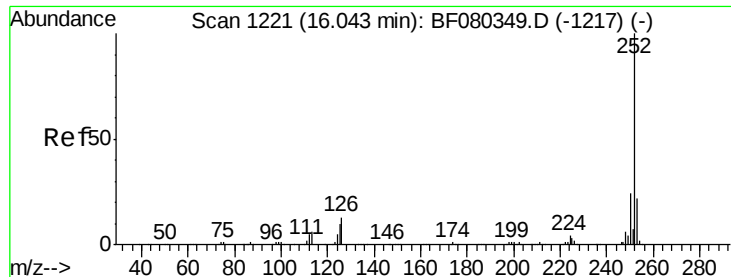
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#86
 Perylene-d12
 Concen: 20.00 ng m
 RT: 16.35 min Scan# 1248
 Delta R.T. -0.41 min
 Lab File: BF080399.D
 Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.6	26.4





#87

Benzo(b)fluoranthene

Concen: 46.90 ng m

RT: 15.84 min Scan# 1203

Delta R.T. -0.41 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

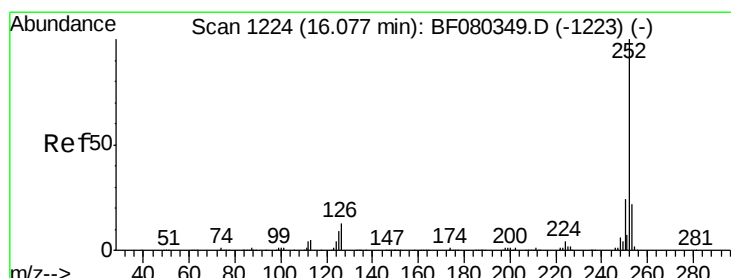
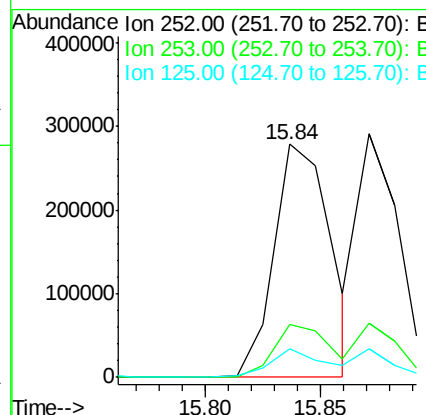
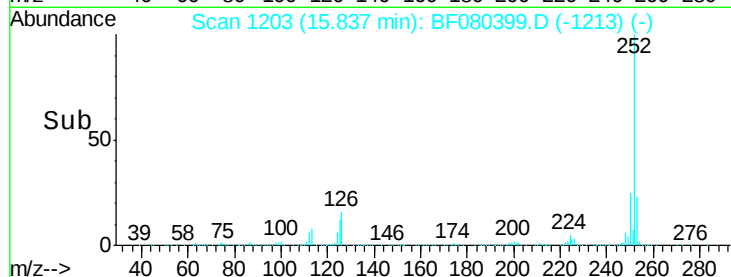
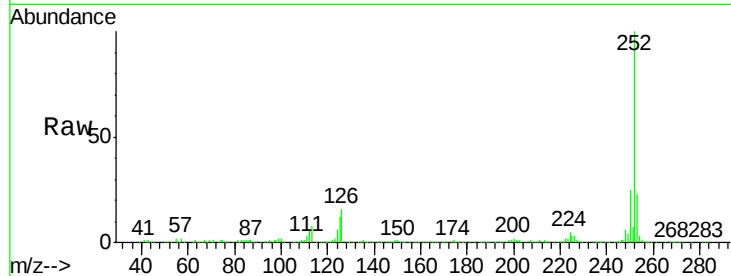
Instrument :
BNA_F

ClientSampleId :
SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.5	7.7	11.5

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#88

Benzo(k)fluoranthene

Concen: 38.17 ng m

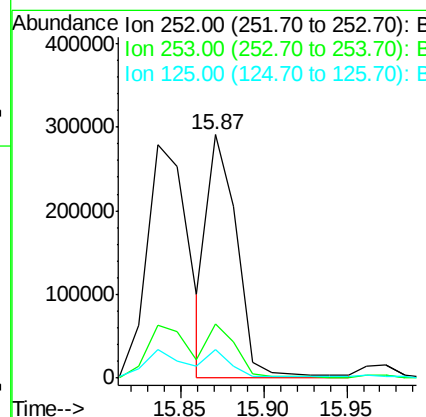
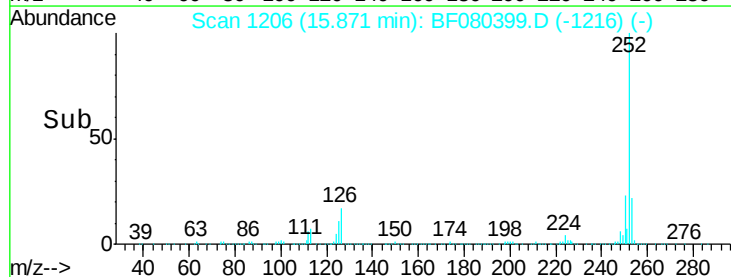
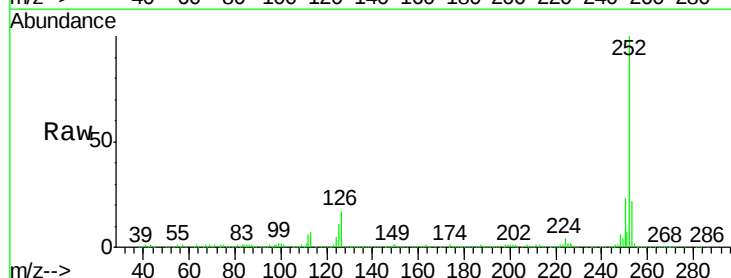
RT: 15.87 min Scan# 1206

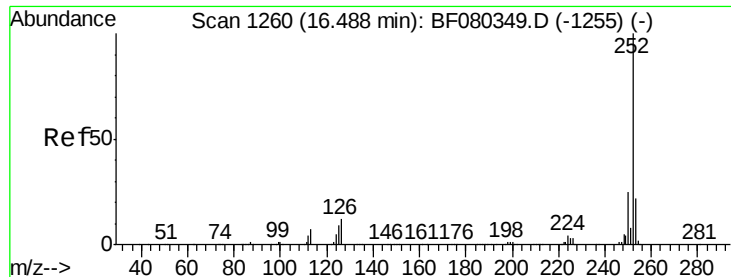
Delta R.T. -0.41 min

Lab File: BF080399.D

Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.5	8.5	12.7





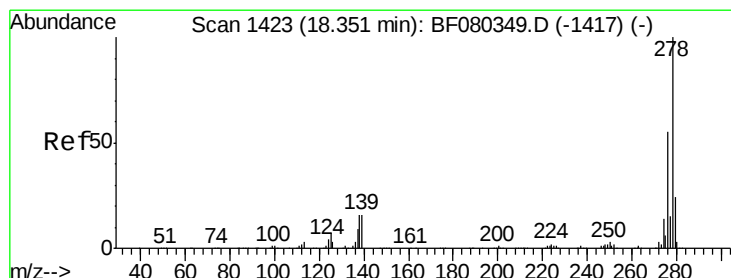
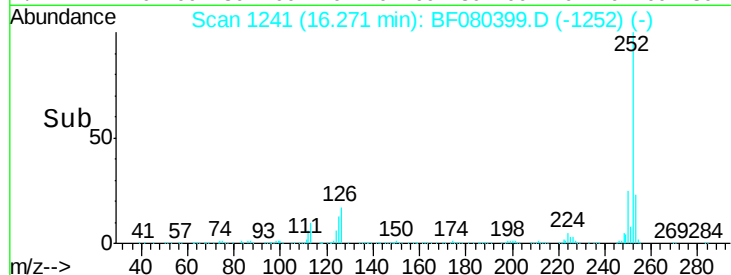
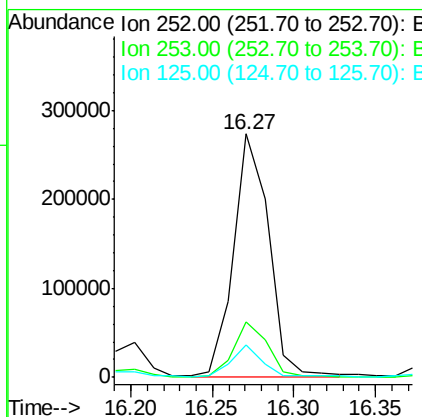
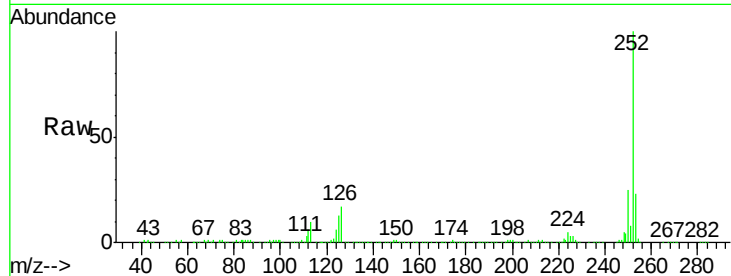
#89
Benzo(a)pyrene
Concen: 44.46 ng m
RT: 16.27 min Scan# 1241
Delta R.T. -0.42 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	13.1	7.3	10.9

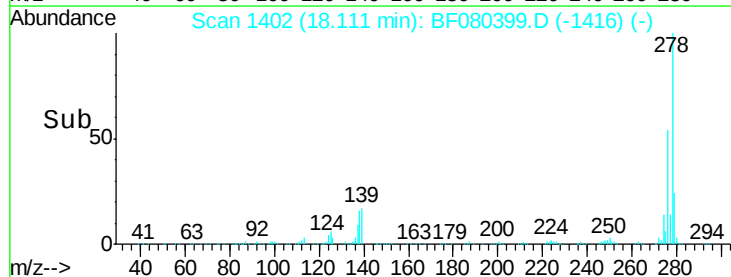
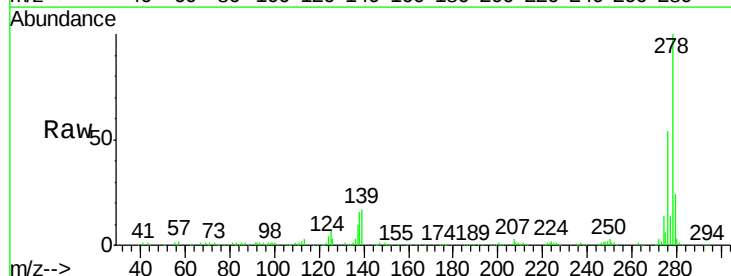
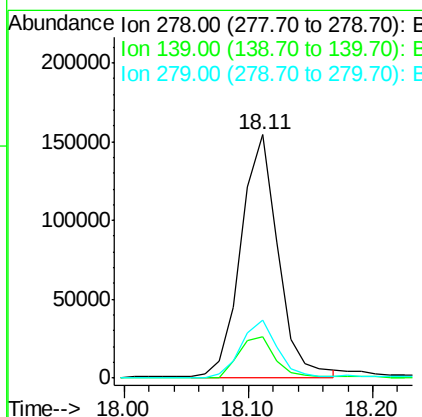
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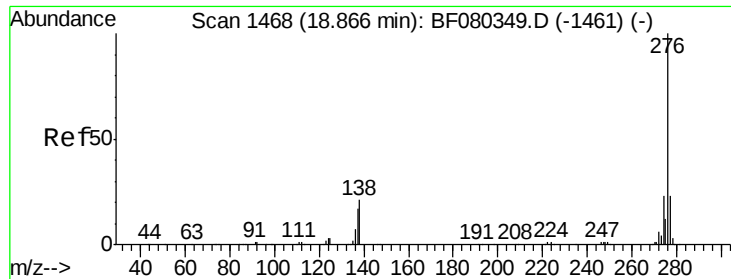
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#90
Dibenzo(a,h)anthracene
Concen: 34.65 ng m
RT: 18.11 min Scan# 1402
Delta R.T. -0.46 min
Lab File: BF080399.D
Acq: 8 Jul 2015 20:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.0	19.6
279	23.8	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 37.32 ng m

RT: 18.61 min Scan# 1446

Delta R.T. -0.47 min

Lab File: BF080399.D

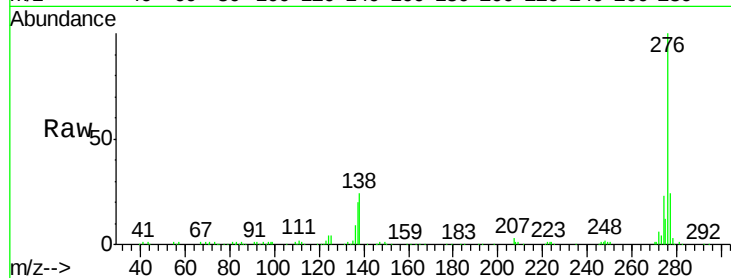
Acq: 8 Jul 2015 20:49

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115MSD



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	23.8	16.8	25.2

Manual Integrations
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