

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081749.D
 Acq On : 22 Sep 2015 20:39
 Operator : UM/IZ
 Sample : G3753-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Quant Time: Sep 23 01:00:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:42:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37446	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	142455	20.00	ng	0.00
38) Acenaphthene-d10	15.17	164	62203	20.00	ng	0.00
63) Phenanthrene-d10	18.67	188	104593	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	70340	20.00	ng	0.00
86) Perylene-d12	24.77	264	65524	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	316328	131.07	ng	0.03
7) Phenol-d6	7.60	99	432486	135.38	ng	0.02
23) Nitrobenzene-d5	9.45	82	292150	98.95	ng	0.00
41) 2,4,6-Tribromophenol	17.08	330	74987	135.39	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	501547	103.33	ng	-0.01
78) Terphenyl-d14	22.05	244	277621	91.88	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.52	88	10776	9.94	ng	# 11
3) Pyridine	2.15	79	10375	3.47	ng	# 63
4) n-Nitrosodimethylamine	2.06	42	82669	49.79	ng	# 59
6) Aniline	7.45	93	63080	13.98	ng	# 84
8) 2-Chlorophenol	7.70	128	115311	43.36	ng	# 81
9) Benzaldehyde	7.17	77	40595	20.28	ng	# 74
10) Phenol	7.61	94	154019	41.57	ng	# 45
11) bis(2-Chloroethyl)ether	7.68	93	133864	50.08	ng	# 85
12) 1,3-Dichlorobenzene	7.99	146	118847	41.82	ng	# 89
13) 1,4-Dichlorobenzene	8.17	146	119090	41.16	ng	# 89
14) 1,2-Dichlorobenzene	8.49	146	114827	44.08	ng	# 90
15) Benzyl Alcohol	8.60	79	116377	44.41	ng	# 68
16) 2,2'-oxybis(1-Chloropropan	8.90	45	236466	46.15	ng	# 95
17) 2-Methylphenol	8.96	107	90860	42.82	ng	# 80
18) Hexachloroethane	9.22	117	46092	40.95	ng	# 89
19) n-Nitroso-di-n-propylamine	9.22	70	94681	43.55	ng	# 91
20) 3+4-Methylphenols	9.33	107	120188	42.01	ng	# 83
22) Acetophenone	9.13	105	175781	45.18	ng	# 74
24) Nitrobenzene	9.49	77	146608	47.81	ng	# 61
25) Isophorone	10.08	82	244660	44.55	ng	# 83
26) 2-Nitrophenol	10.22	139	57376	42.93	ng	# 23
27) 2,4-Dimethylphenol	10.50	122	101628	44.03	ng	# 77
28) bis(2-Chloroethoxy)methane	10.68	93	144657	45.60	ng	# 91
29) 2,4-Dichlorophenol	10.86	162	89460	44.69	ng	# 90
30) 1,2,4-Trichlorobenzene	10.95	180	98018	45.08	ng	# 97
31) Naphthalene	11.09	128	336945	44.35	ng	# 98
32) Benzoic acid	11.09	122	1727	3.53	ng	# 1
33) 4-Chloroaniline	11.36	127	47994	15.49	ng	# 82
34) Hexachlorobutadiene	11.44	225	64242	48.55	ng	# 99
35) Caprolactam	12.36	113	8969	14.61	ng	# 35
36) 4-Chloro-3-methylphenol	12.68	107	106355	47.47	ng	# 76
37) 2-Methylnaphthalene	12.73	142	234965	47.53	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	96531	49.07	ng	# 98
40) Hexachlorocyclopentadiene	13.12	237	43138	44.68	ng	# 96

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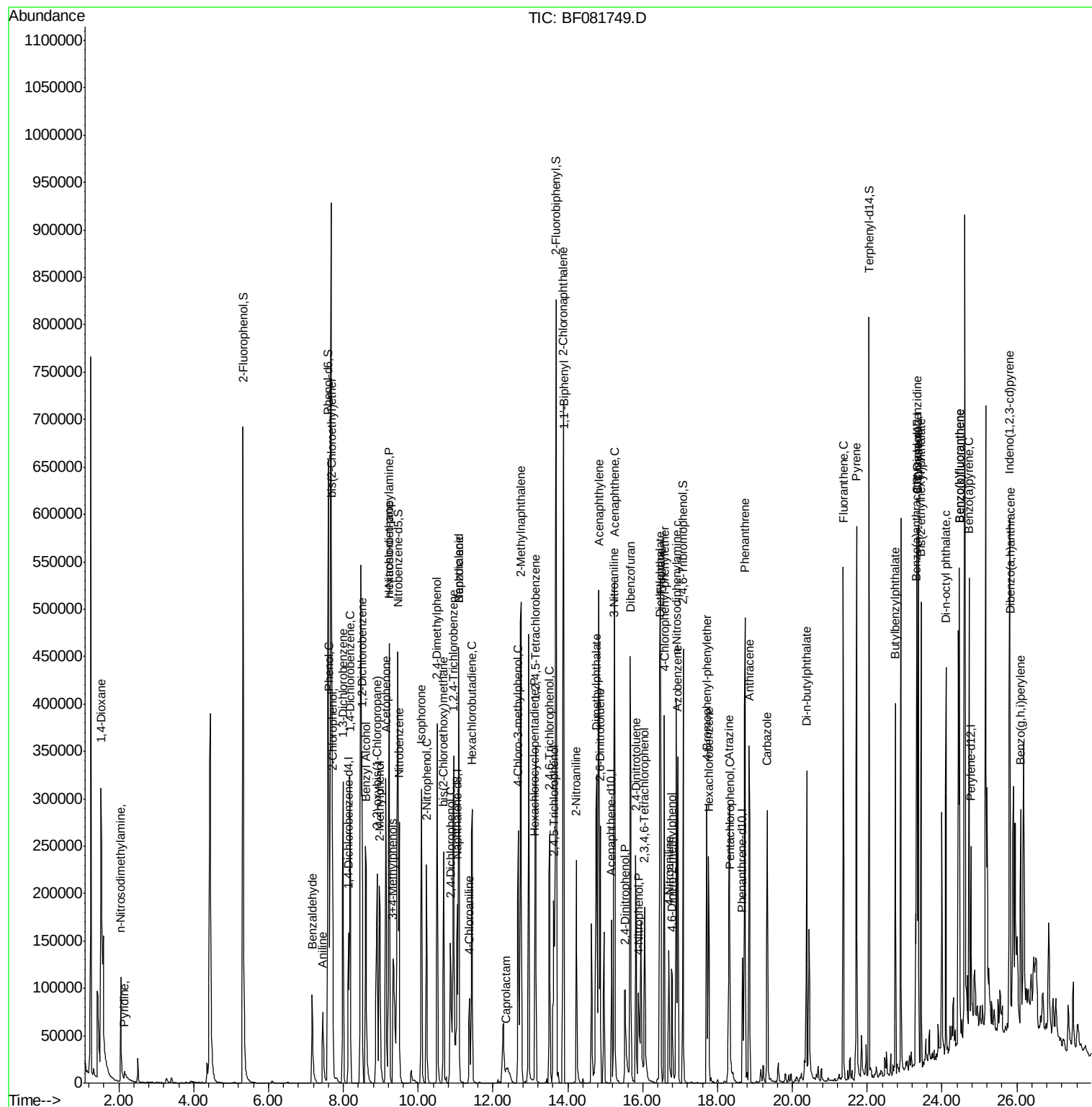
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	63008	46.41	nq	98
43) 2,4,5-Trichlorophenol	13.63	196	64205	46.36	nq	# 88
45) 1,1'-Biphenyl	13.89	154	270405	47.25	nq	97
46) 2-Chloronaphthalene	13.88	162	196206	47.48	nq	# 88
47) 2-Nitroaniline	14.23	65	79612	47.27	nq	# 58
48) Acenaphthylene	14.83	152	321124	43.80	nq	98
49) Dimethylphthalate	14.77	163	334993	69.32	nq	# 97
50) 2,6-Dinitrotoluene	14.87	165	46424	42.32	nq	# 38
51) Acenaphthene	15.25	154	186227	44.65	nq	90
52) 3-Nitroaniline	15.24	138	34255	27.43	nq	# 57
53) 2,4-Dinitrophenol	15.53	184	37281	67.71	nq	# 27
54) Dibenzofuran	15.67	168	290048	47.63	nq	# 83
55) 4-Nitrophenol	15.89	139	51228	65.30	nq	# 1
56) 2,4-Dinitrotoluene	15.82	165	60492	43.31	nq	# 43
57) Fluorene	16.48	166	219648	47.52	nq	96
58) 2,3,4,6-Tetrachlorophenol	16.05	232	50916	48.15	nq	94
59) Diethylphthalate	16.46	149	247748	48.73	nq	95
60) 4-Chlorophenyl-phenylether	16.57	204	106333	49.36	nq	# 87
61) 4-Nitroaniline	16.70	138	35861	28.43	nq	# 19
62) Azobenzene	16.94	77	264377	46.78	nq	80
64) 4,6-Dinitro-2-methylphenol	16.79	198	24951	42.65	nq	85
65) n-Nitrosodiphenylamine	16.89	169	180402	47.40	nq	92
66) 4-Bromophenyl-phenylether	17.72	248	54408	51.45	nq	92
67) Hexachlorobenzene	17.76	284	53849	48.70	nq	# 83
68) Atrazine	18.31	200	54829	49.78	nq	80
69) Pentachlorophenol	18.32	266	32425	62.39	nq	97
70) Phenanthrene	18.73	178	356816	61.36	nq	97
71) Anthracene	18.85	178	265981	44.52	nq	99
72) Carbazole	19.33	167	228565	40.77	nq	95
73) Di-n-butylphthalate	20.38	149	315424	47.65	nq	# 97
74) Fluoranthene	21.36	202	324771	51.59	nq	89
77) Pyrene	21.72	202	303426	58.23	nq	98
79) Butylbenzylphthalate	22.75	149	101001	44.57	nq	# 70
80) Benzo(a)anthracene	23.32	228	225243	50.28	nq	97
81) 3,3'-Dichlorobenzidine	23.33	252	15196	10.06	nq	# 97
82) Chrysene	23.36	228	207743	51.74	nq	95
83) Bis(2-ethylhexyl)phthalate	23.44	149	134934	45.12	nq	# 90
84) Di-n-octyl phthalate	24.11	149	234248	47.57	nq	# 95
85) Indeno(1,2,3-cd)pyrene	25.81	276	197082	66.90	nq	# 83
87) Benzo(b)fluoranthene	24.46	252	429545	91.82	nq	# 83
88) Benzo(k)fluoranthene	24.46	252	429545	110.66	nq	# 85
89) Benzo(a)pyrene	24.72	252	192154	48.47	nq	# 87
90) Dibenzo(a,h)anthracene	25.82	278	157155	51.31	nq	# 76
91) Benzo(g,h,i)perylene	26.11	276	151095	51.68	nq	# 72

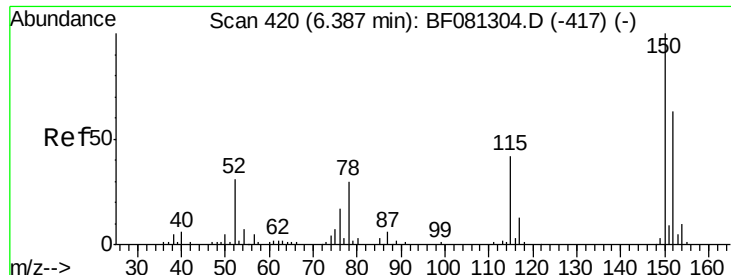
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

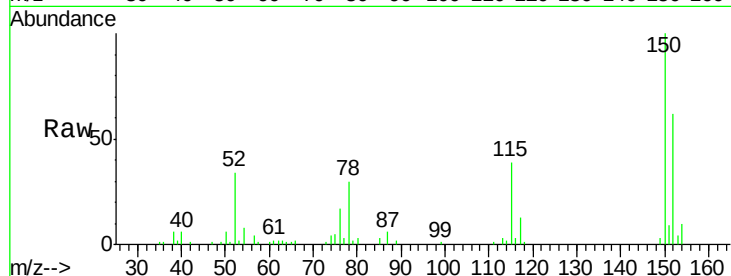
Tot Ion:152 Resp: 37446

Ion Ratio Lower Upper

152 100

150 160.5 124.7 187.1

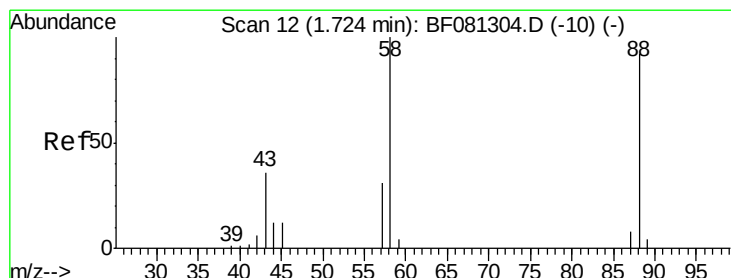
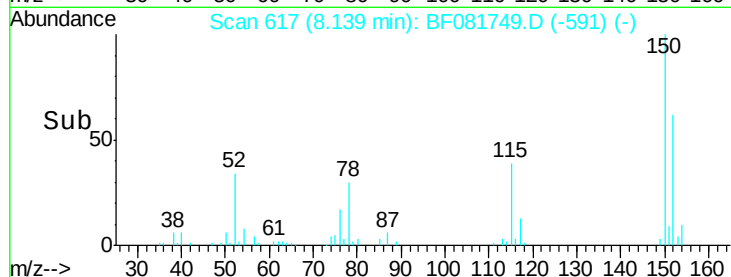
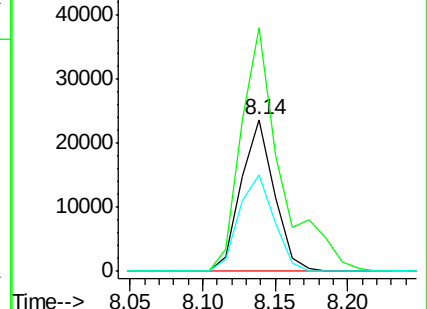
115 63.3 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 9.94 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

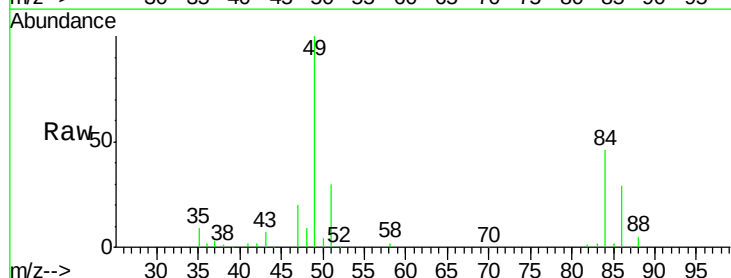
Tgt Ion: 88 Resp: 10776

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

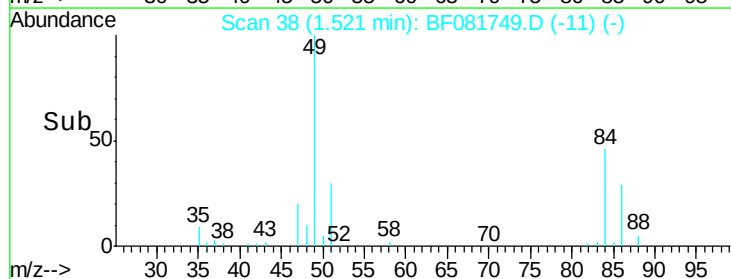
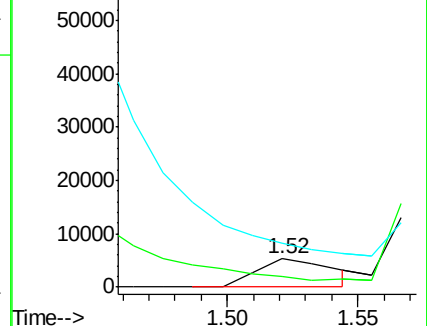
43 0.0 26.6 40.0#

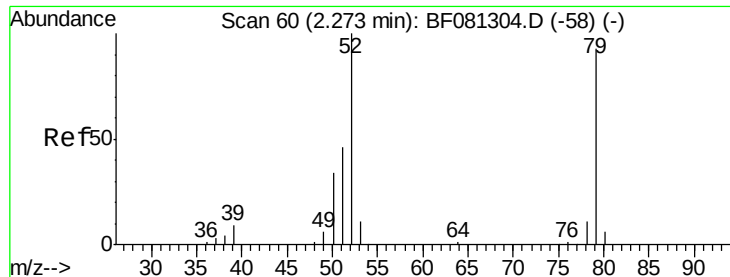


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 3.47 ng

RT: 2.15 min Scan# 93

Delta R.T. 0.14 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

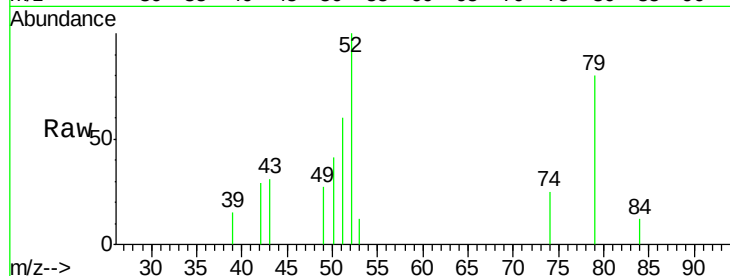
Tot Ion: 79 Resp: 10375

Ion Ratio Lower Upper

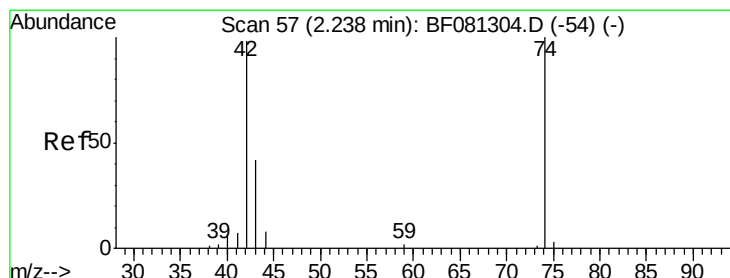
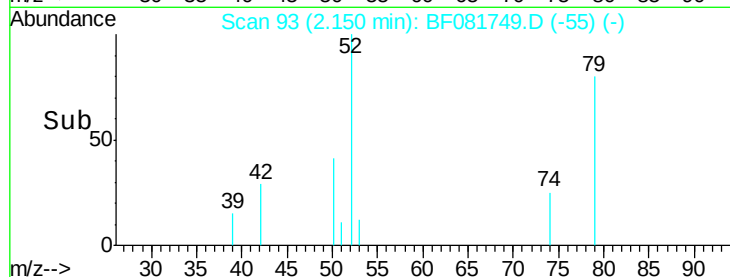
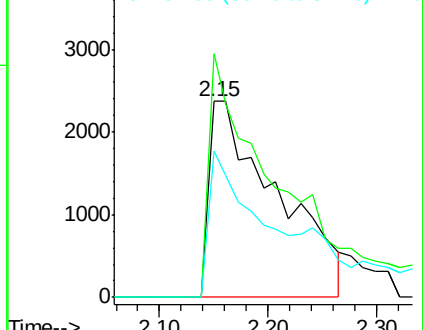
79 100

52 124.3 76.8 115.2#

51 74.8 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 49.79 ng

RT: 2.06 min Scan# 85

Delta R.T. 0.06 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

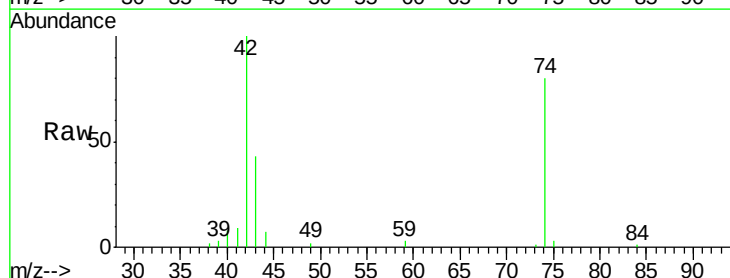
Tgt Ion: 42 Resp: 82669

Ion Ratio Lower Upper

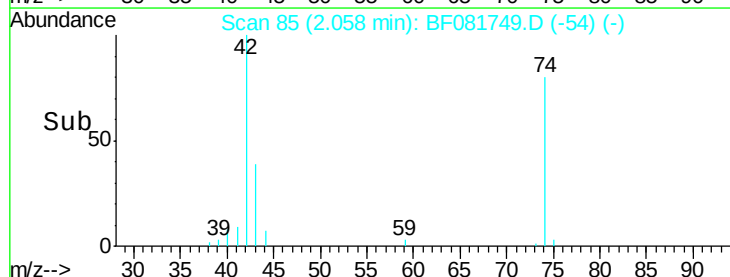
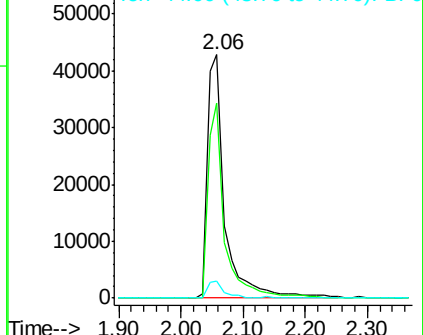
42 100

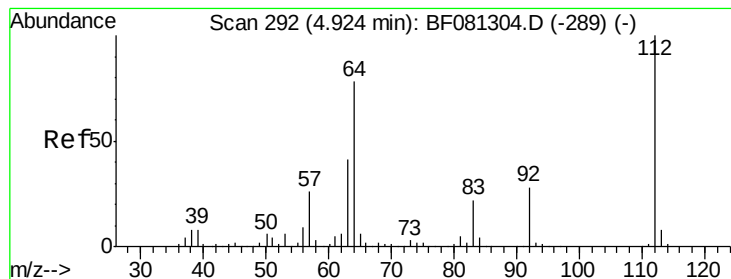
74 80.3 105.0 157.6#

44 6.9 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.07 ng

RT: 5.32 min Scan# 370

Delta R.T. 0.03 min

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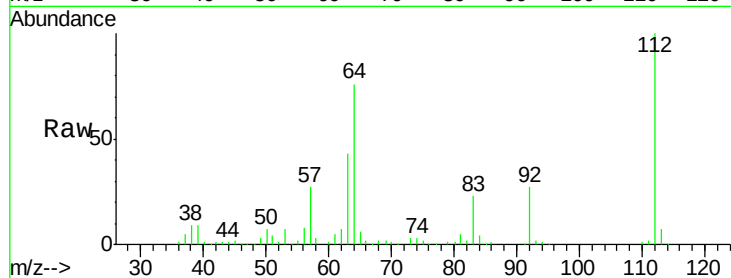
Tot Ion:112 Resp: 316328

Ion Ratio Lower Upper

112 100

64 75.7 39.7 59.5#

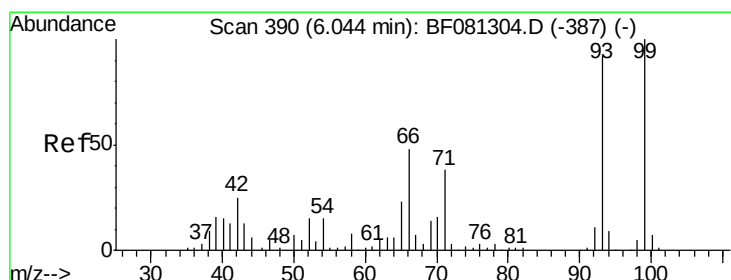
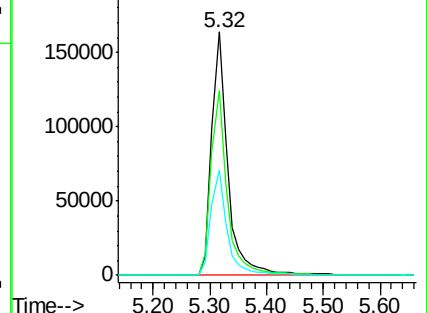
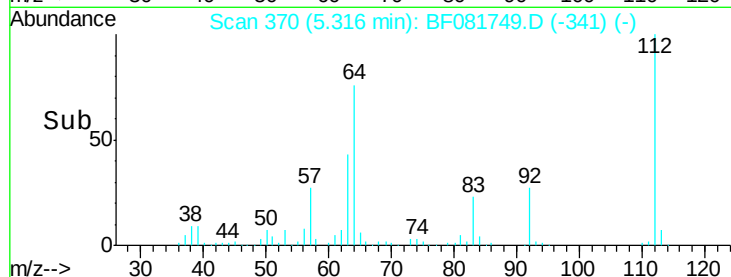
63 43.2 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.98 ng

RT: 7.45 min Scan# 557

Delta R.T. -0.00 min

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Acq: 22 Sep 2015 20:39

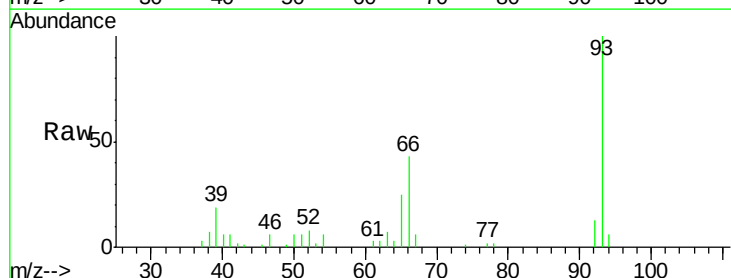
Tgt Ion: 93 Resp: 63080

Ion Ratio Lower Upper

93 100

66 43.5 27.2 40.8#

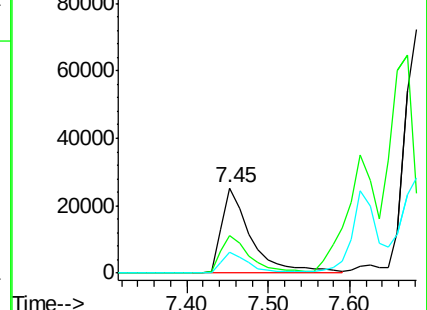
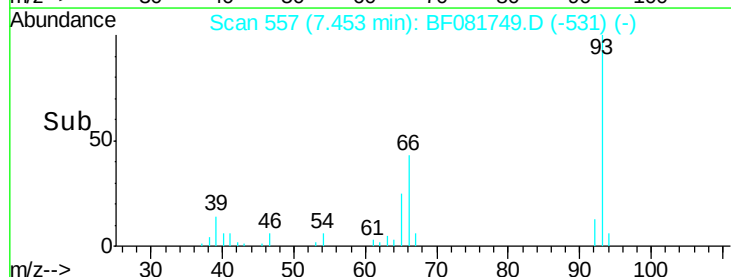
65 24.6 14.7 22.1#

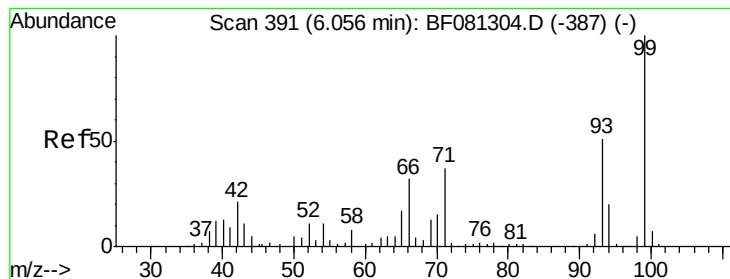


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.38 ng

RT: 7.60 min Scan# 570

Delta R.T. 0.02 min

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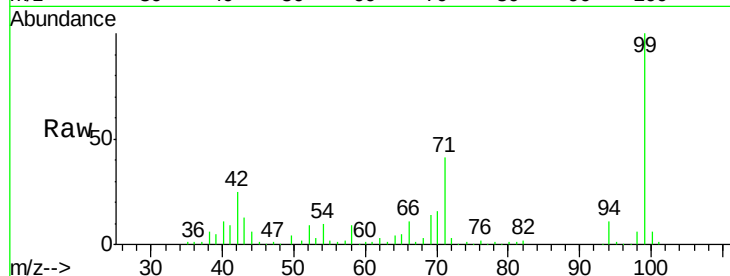
Tot Ion: 99 Resp: 432486

Ion Ratio Lower Upper

99 100

42 25.2 13.7 20.5#

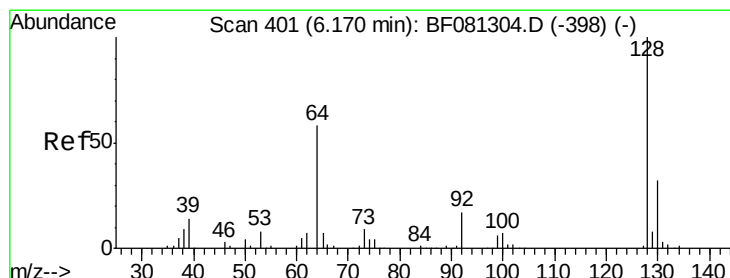
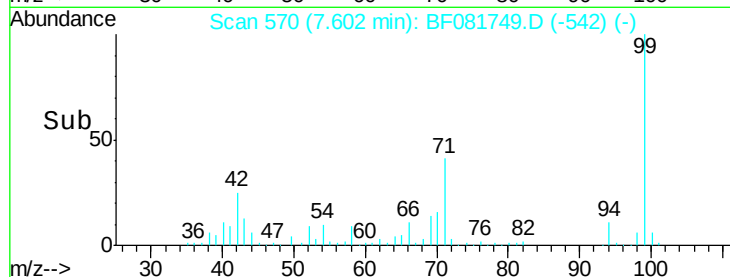
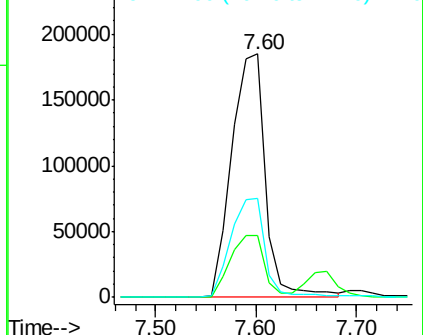
71 40.7 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.36 ng

RT: 7.70 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

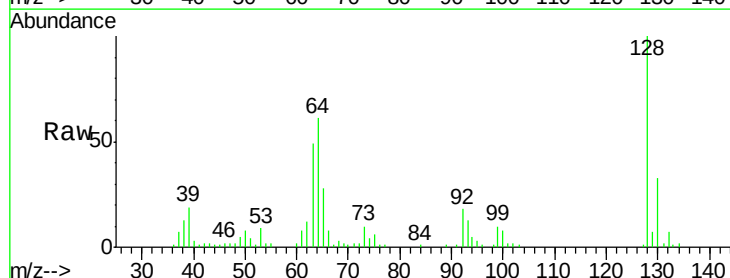
Tgt Ion: 128 Resp: 115311

Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

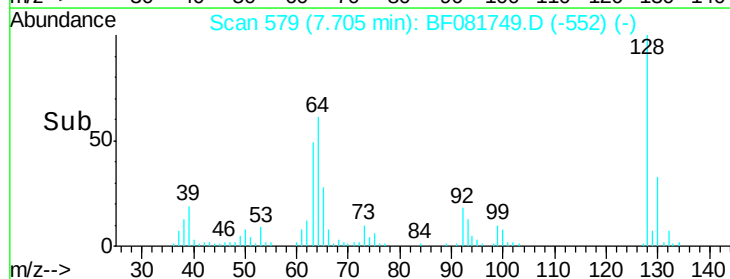
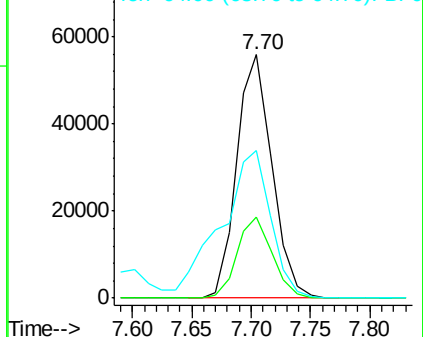
64 60.6 20.5 60.5#

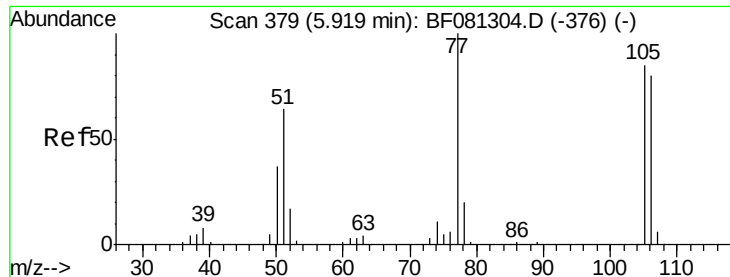


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

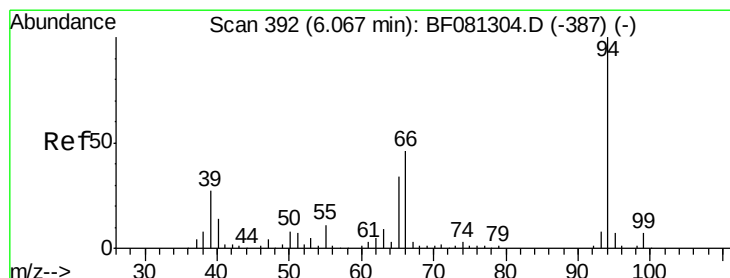
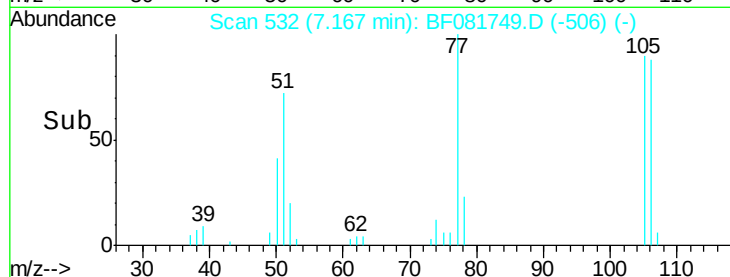
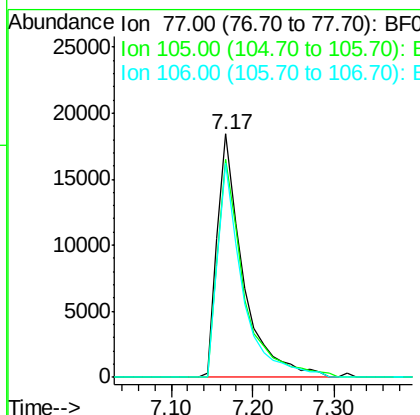
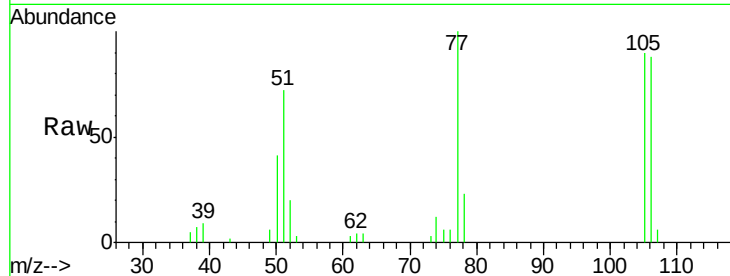




#9
Benzaldehyde
Concen: 20.28 ng
RT: 7.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081749.D
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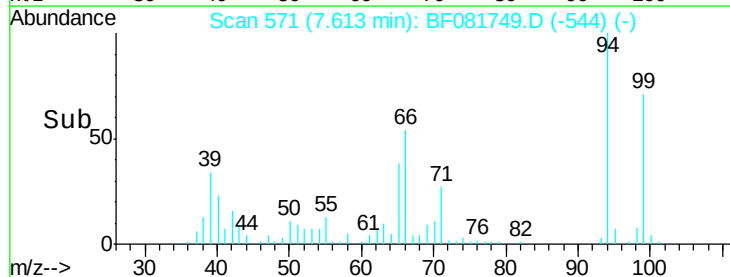
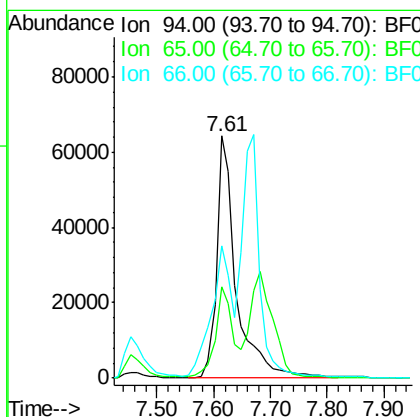
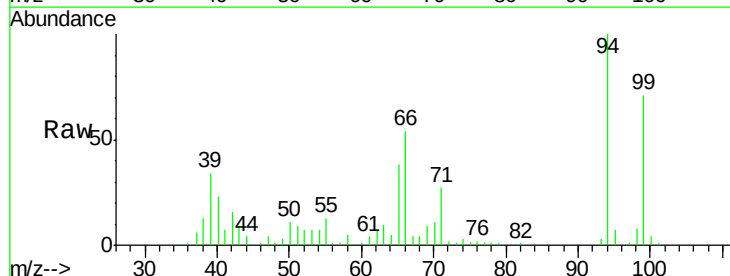
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

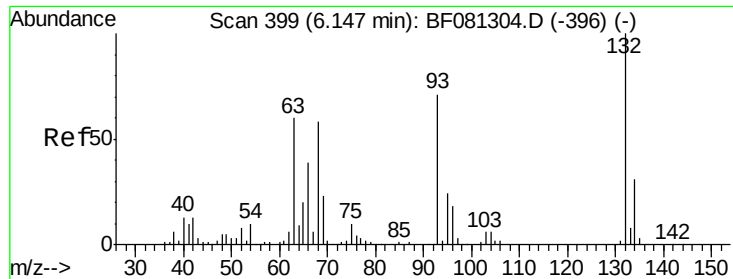
Tot Ion: 77 Resp: 40595
Ion Ratio Lower Upper
77 100
105 89.7 91.6 131.6#
106 88.1 102.6 142.6#



#10
Phenol
Concen: 41.57 ng
RT: 7.61 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Tgt Ion: 94 Resp: 154019
Ion Ratio Lower Upper
94 100
65 37.9 0.7 40.7
66 54.4 0.8 40.8#

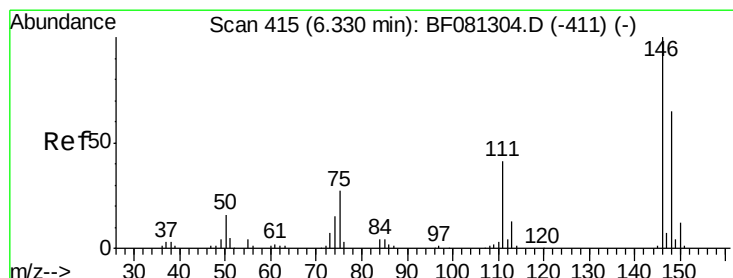
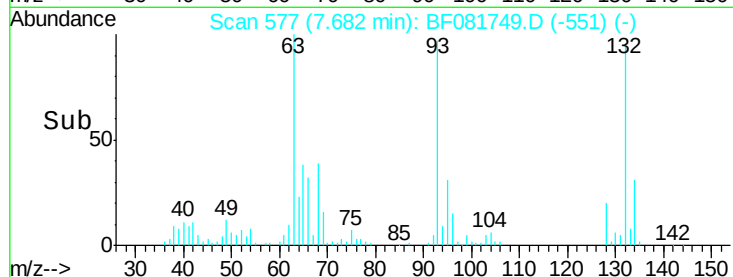
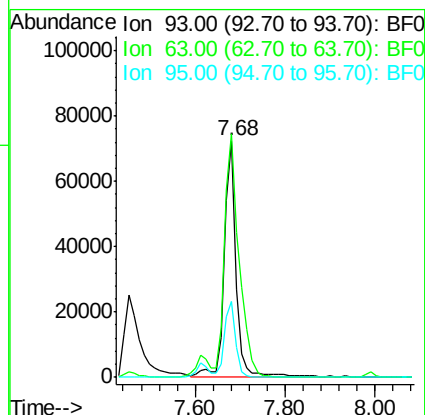
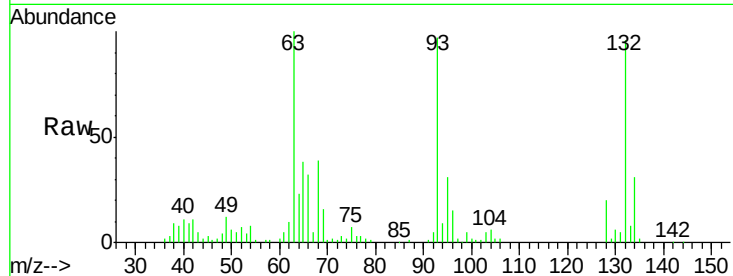




#11
bis(2-Chloroethyl)ether
Concen: 50.08 ng
RT: 7.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

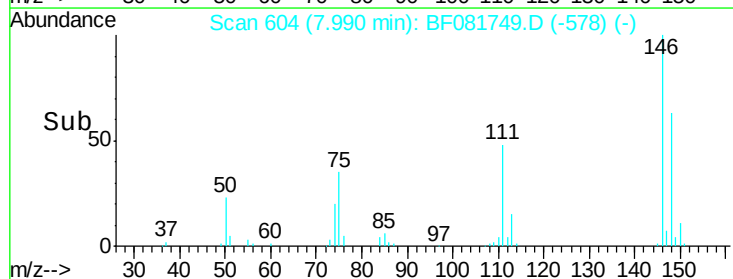
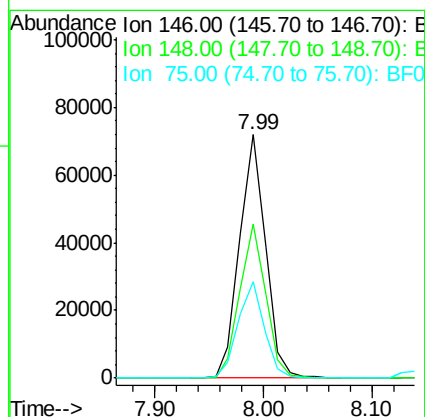
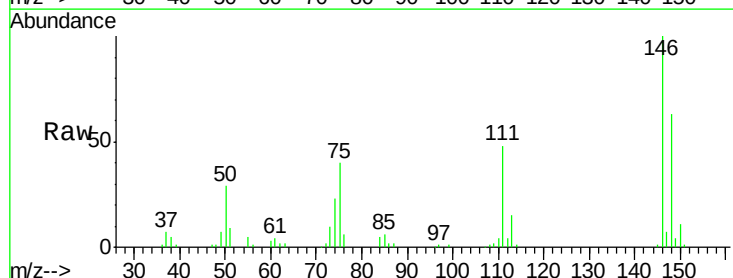
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

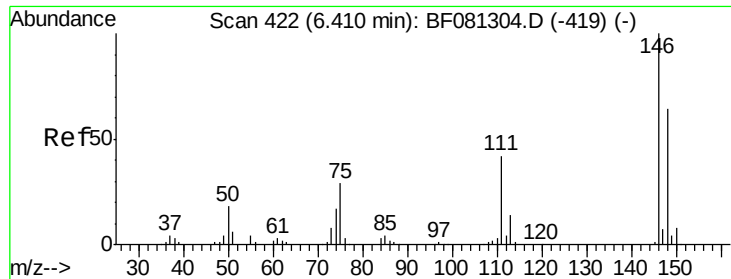
Tot Ion: 93 Resp: 133864
Ion Ratio Lower Upper
93 100
63 103.2 65.6 105.6
95 32.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.82 ng
RT: 7.99 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Tgt Ion: 146 Resp: 118847
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 39.8 15.0 22.6#

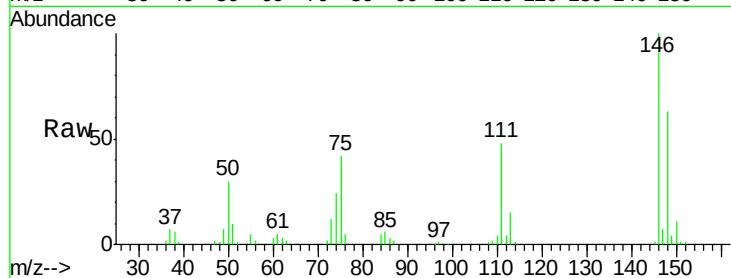




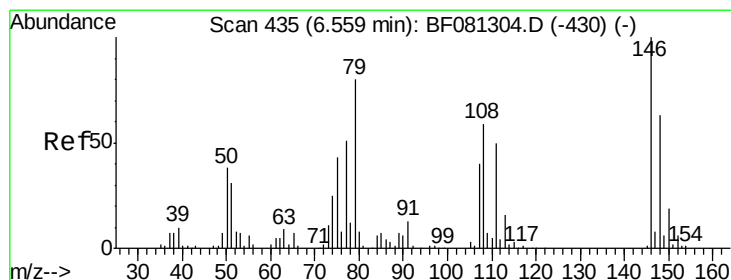
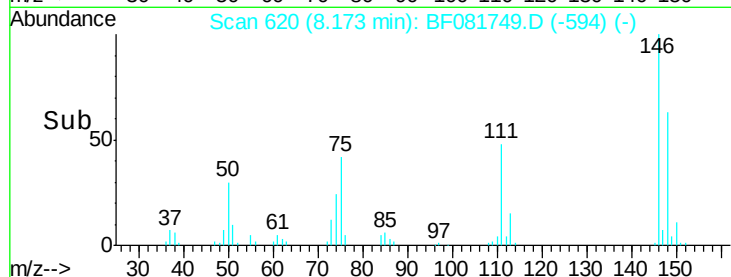
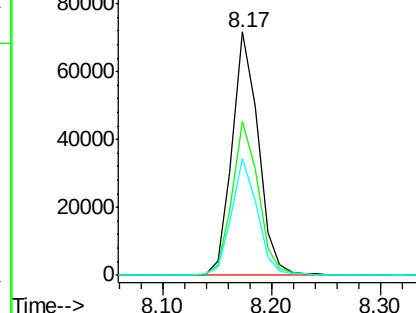
#13
 1,4-Dichlorobenzene
 Concen: 41.16 ng
 RT: 8.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:146 Resp: 119090
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.6
 111 48.1 24.9 37.3#

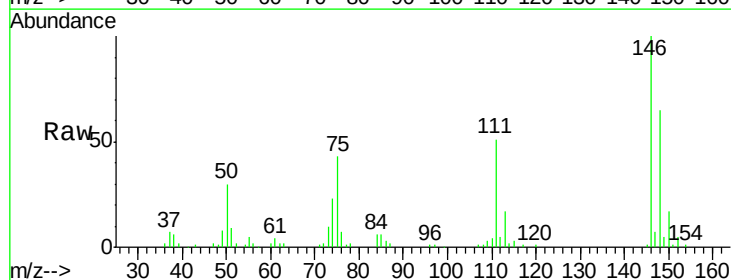


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

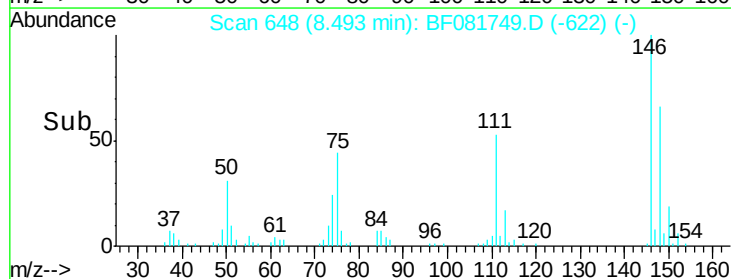
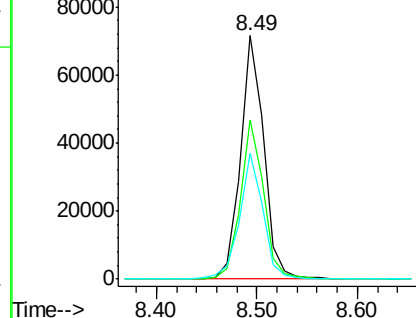


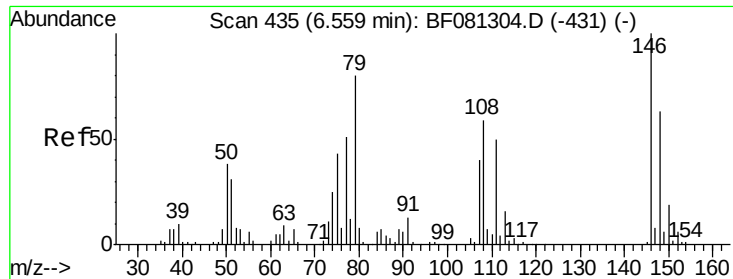
#14
 1,2-Dichlorobenzene
 Concen: 44.08 ng
 RT: 8.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Tgt Ion:146 Resp: 114827
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.7 79.1
 111 51.5 28.8 43.2#



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: 44.41 ng

RT: 8.60 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

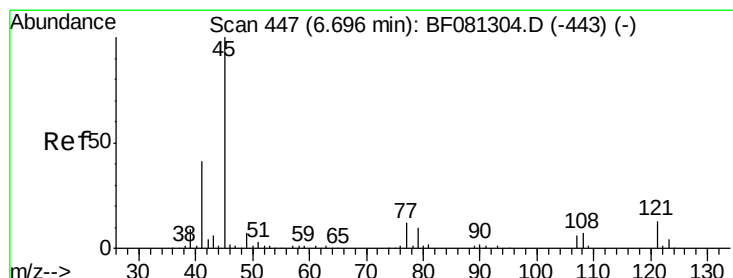
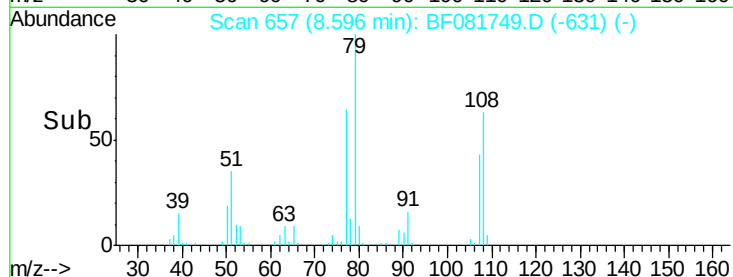
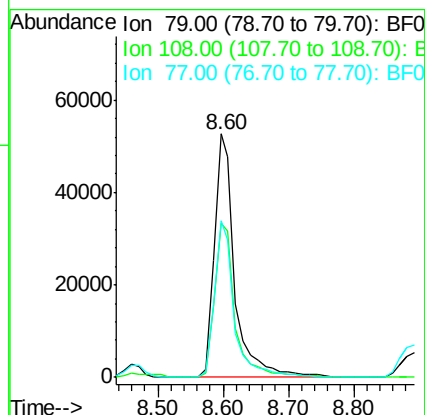
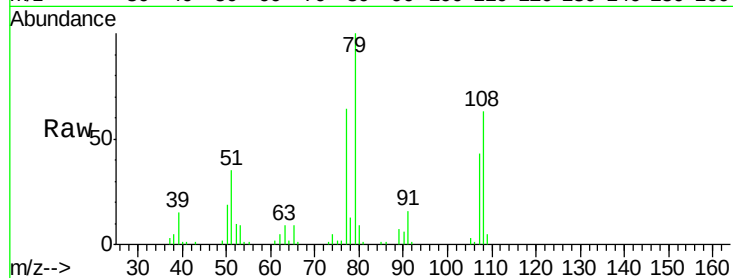
Tot Ion: 79 Resp: 116377

Ion Ratio Lower Upper

79 100

108 63.0 88.6 132.8#

77 64.3 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.15 ng

RT: 8.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

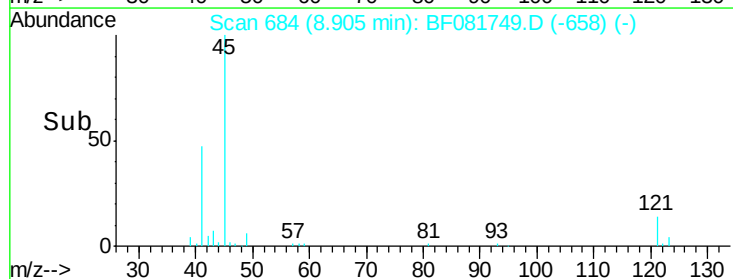
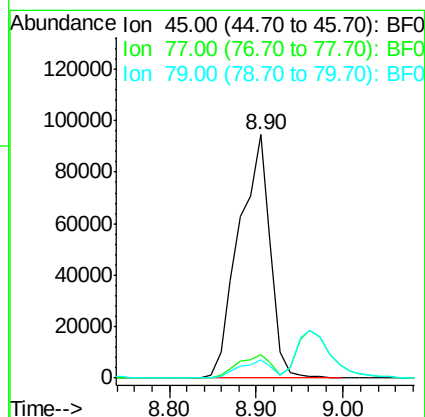
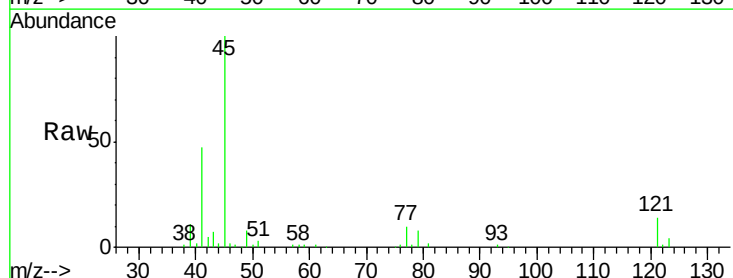
Tgt Ion: 45 Resp: 236466

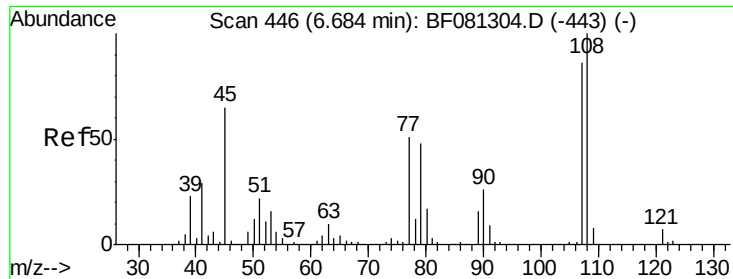
Ion Ratio Lower Upper

45 100

77 9.8 0.0 28.1

79 7.6 0.0 26.0

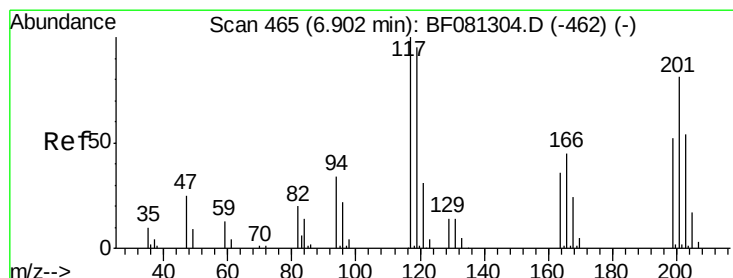
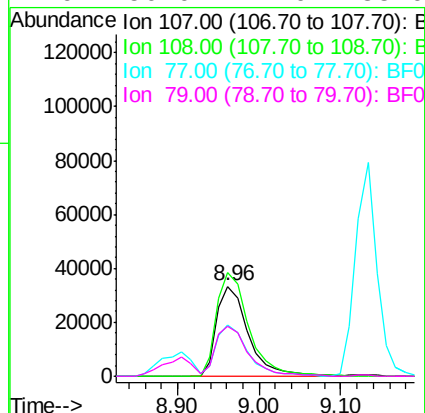
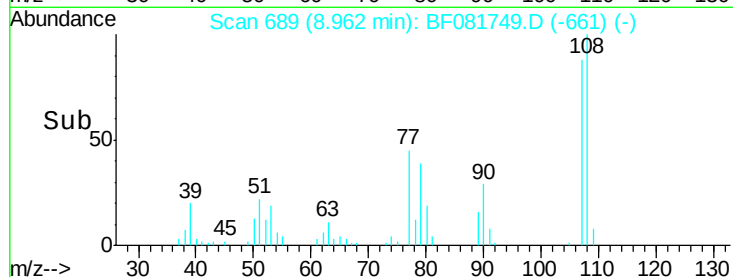
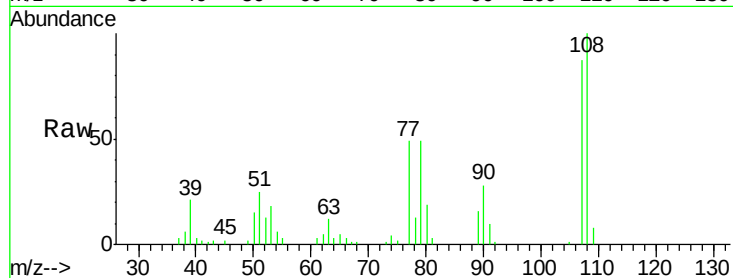




#17
2-Methylphenol
Concen: 42.82 ng
RT: 8.96 min Scan# 689
Delta R.T. 0.02 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

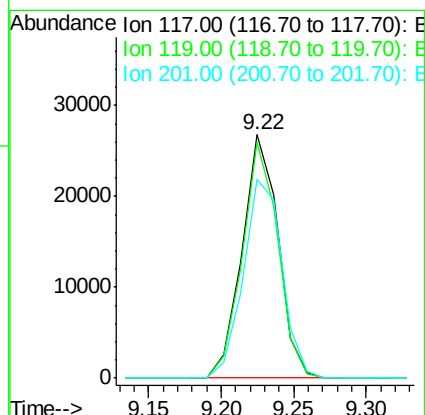
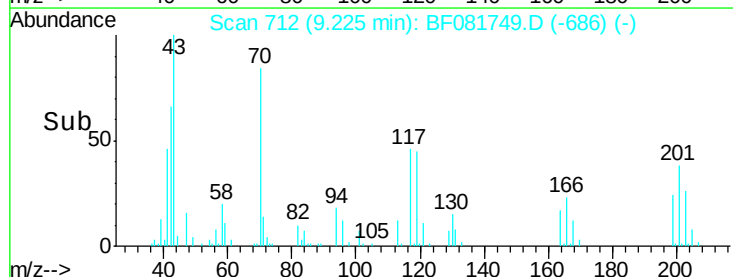
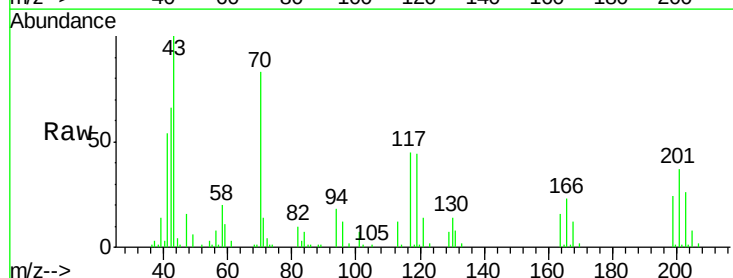
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

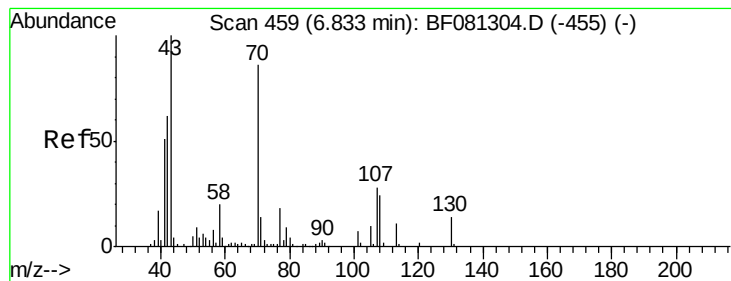
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	96.6	145.0
77	56.3	23.3	34.9#
79	56.0	22.0	33.0#



#18
Hexachloroethane
Concen: 40.95 ng
RT: 9.22 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	83.8	125.6
201	81.7	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.55 ng

RT: 9.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

Tot Ion: 70 Resp: 94681

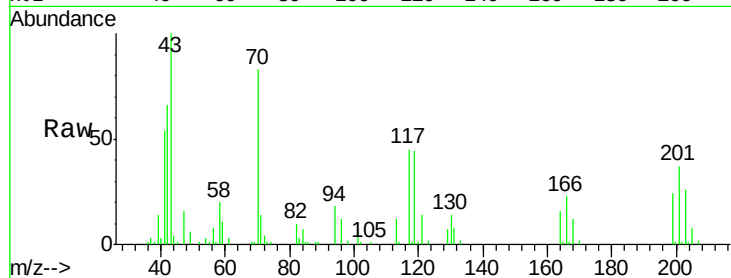
Ion Ratio Lower Upper

70 100

42 79.4 63.8 95.6

101 8.9 9.2 13.8#

130 17.4 27.3 40.9#

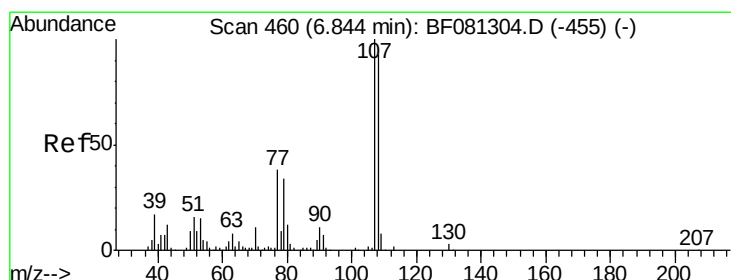
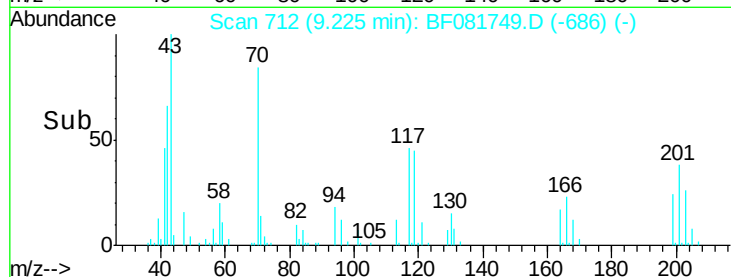
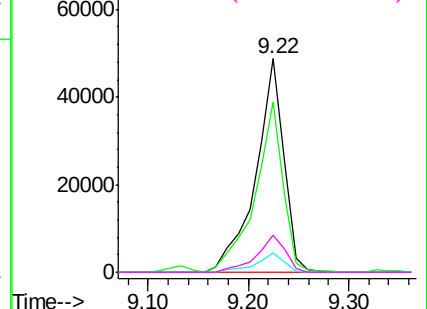


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.01 ng

RT: 9.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Tgt Ion:107 Resp: 120188

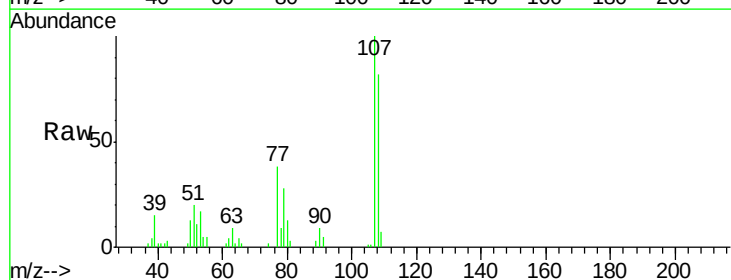
Ion Ratio Lower Upper

107 100

108 82.5 74.6 114.6

77 37.7 0.7 40.7

79 28.4 0.0 38.9

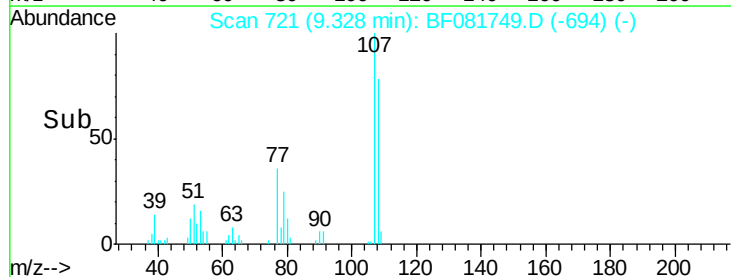
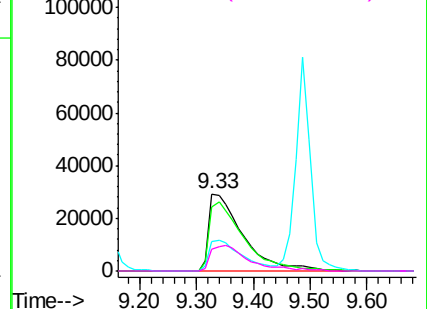


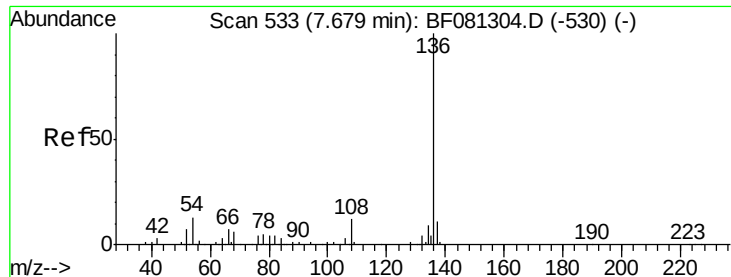
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

Tot Ion:136 Resp: 142455

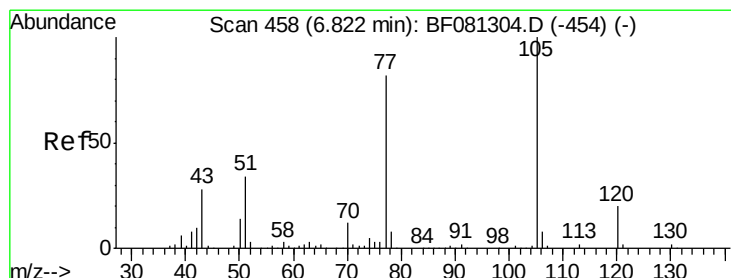
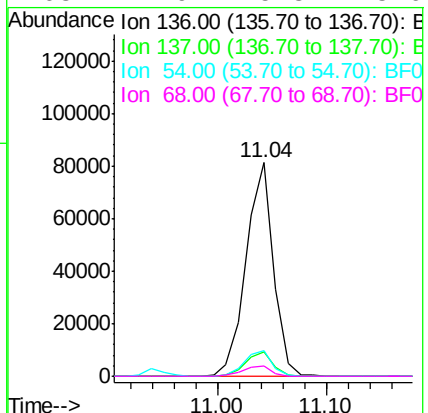
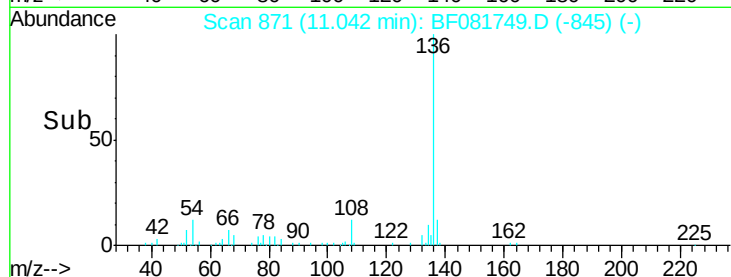
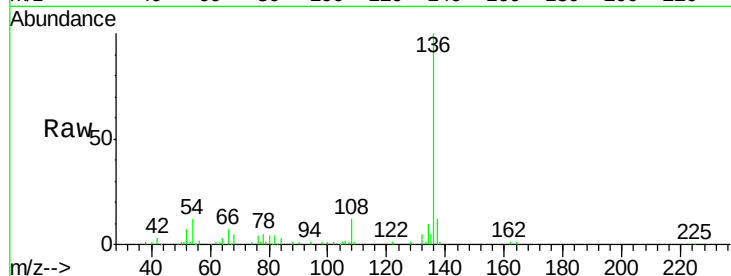
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 11.9 8.2 12.2

68 4.9 5.8 8.6#



#22

Acetophenone

Concen: 45.18 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Tgt Ion:105 Resp: 175781

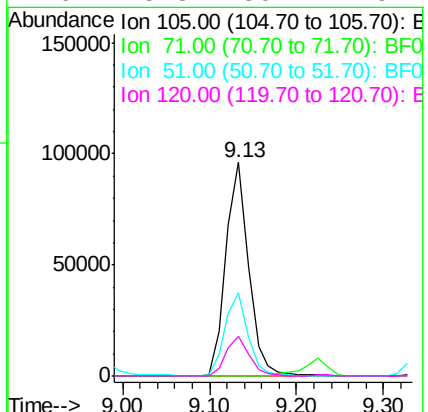
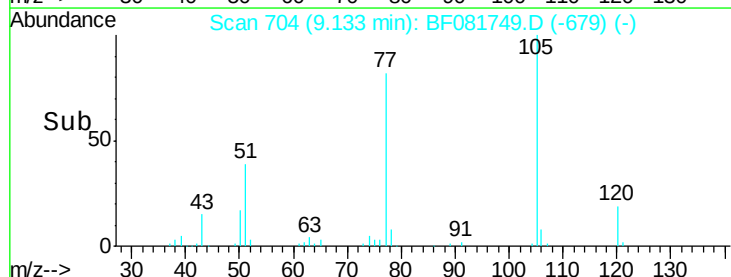
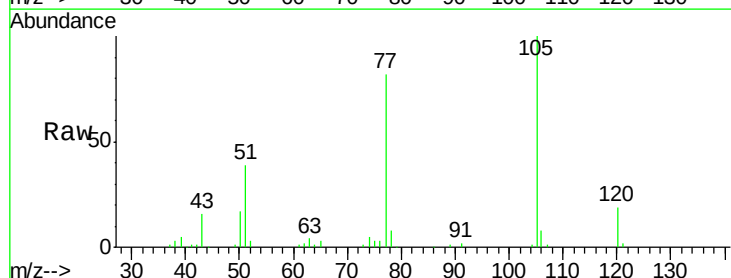
Ion Ratio Lower Upper

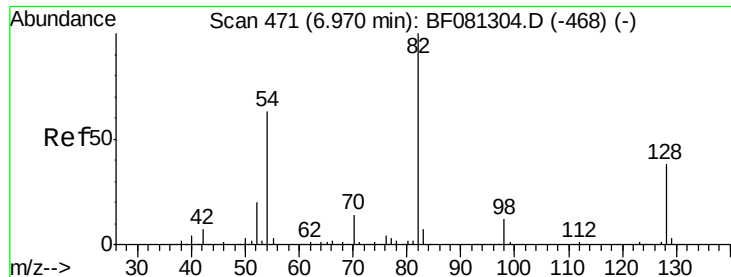
105 100

71 0.0 4.7 7.1#

51 38.8 22.0 33.0#

120 18.8 30.1 45.1#

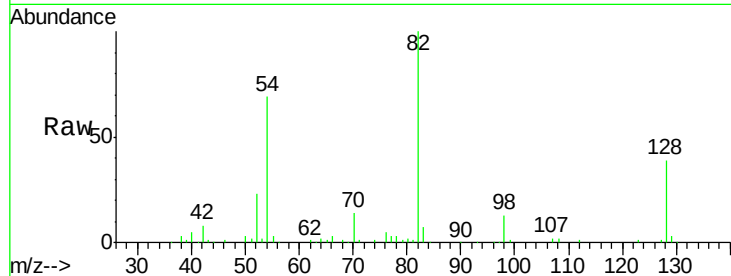




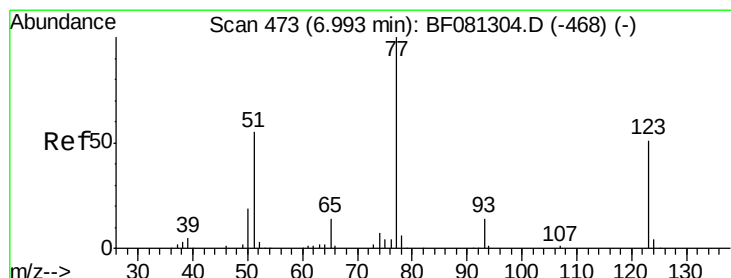
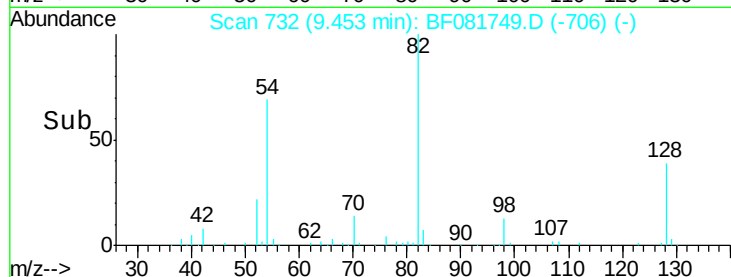
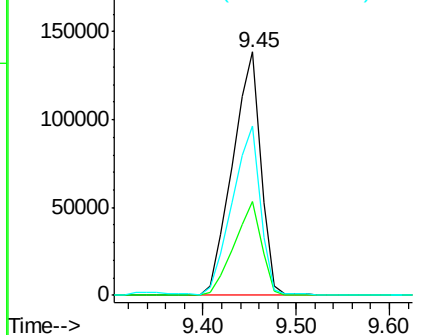
#23
 Nitrobenzene-d5
 Concen: 98.95 ng
 RT: 9.45 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion: 82 Resp: 292150
 Ion Ratio Lower Upper
 82 100
 128 38.5 51.0 76.6#
 54 69.5 47.5 71.3

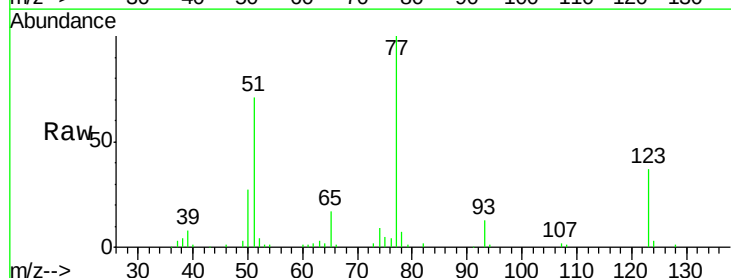


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

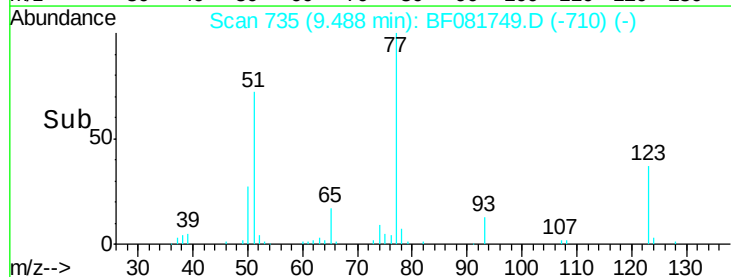
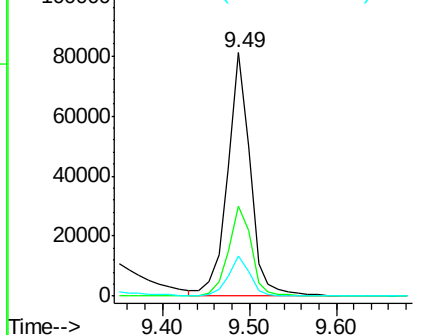


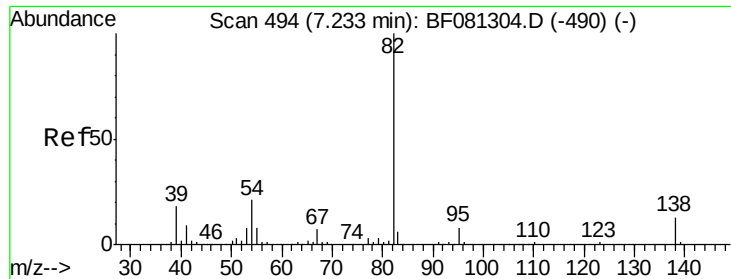
#24
 Nitrobenzene
 Concen: 47.81 ng
 RT: 9.49 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Tgt Ion: 77 Resp: 146608
 Ion Ratio Lower Upper
 77 100
 123 37.0 59.8 89.8#
 65 16.6 10.2 15.4#



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





#25

Isophorone

Concen: 44.55 ng

RT: 10.08 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

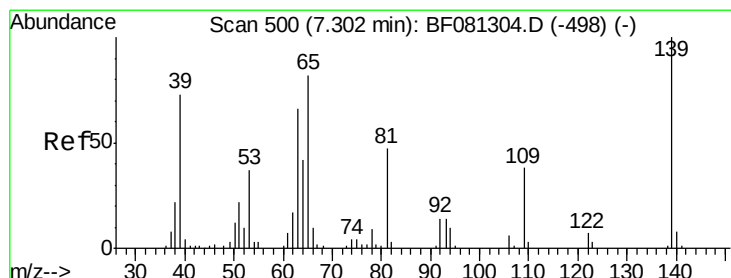
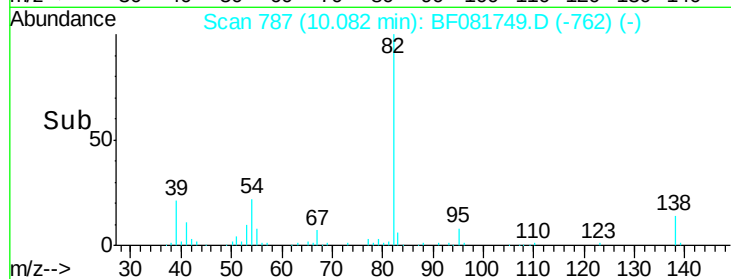
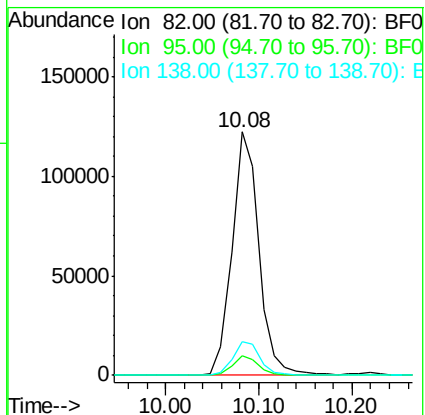
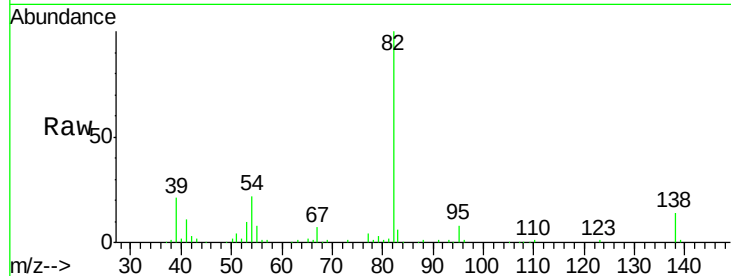
Tot Ion: 82 Resp: 244660

Ion Ratio Lower Upper

82 100

95 7.8 4.0 6.0#

138 13.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 42.93 ng

RT: 10.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

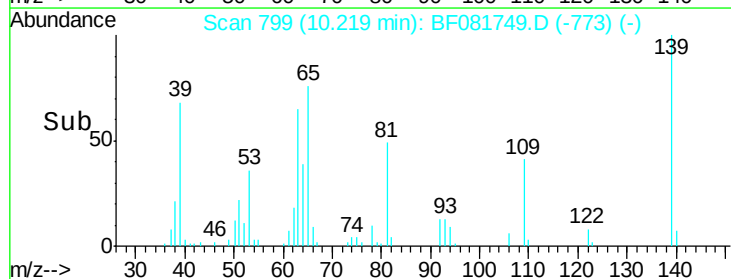
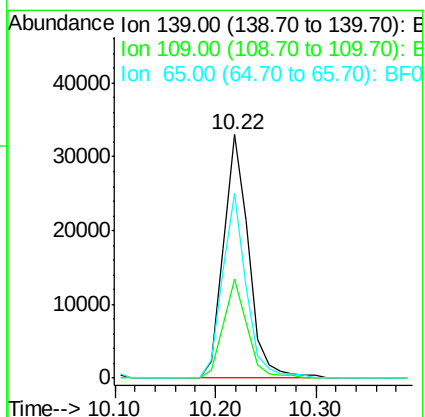
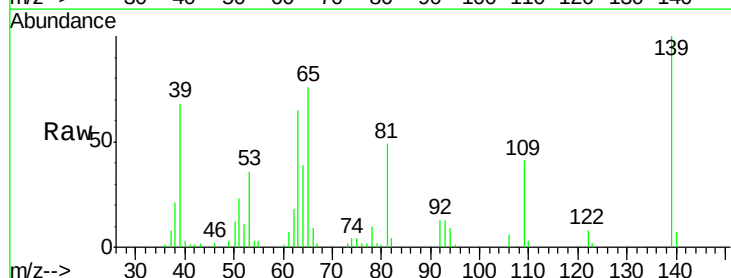
Tgt Ion: 139 Resp: 57376

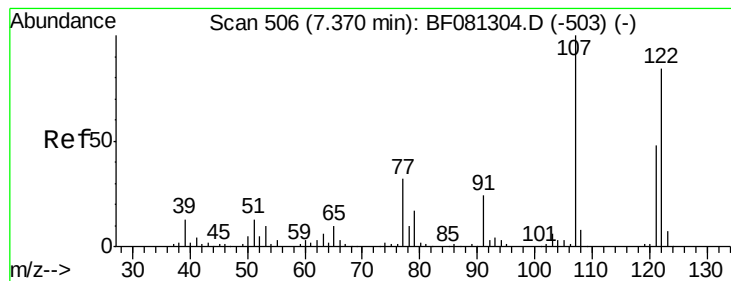
Ion Ratio Lower Upper

139 100

109 40.6 11.0 16.4#

65 76.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 44.03 ng

RT: 10.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

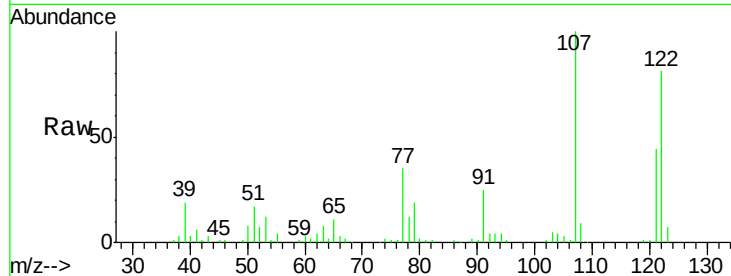
Tot Ion:122 Resp: 101628

Ion Ratio Lower Upper

122 100

107 122.7 71.8 107.6#

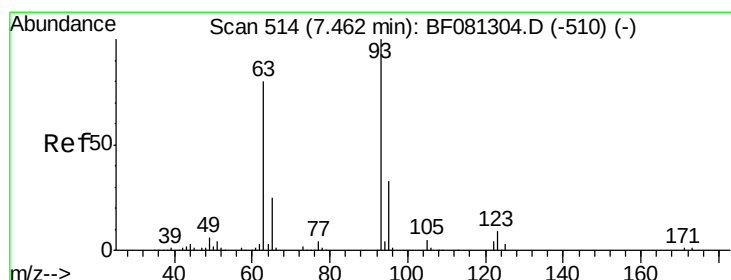
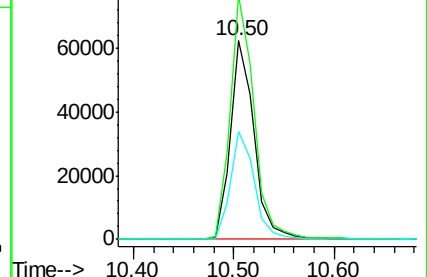
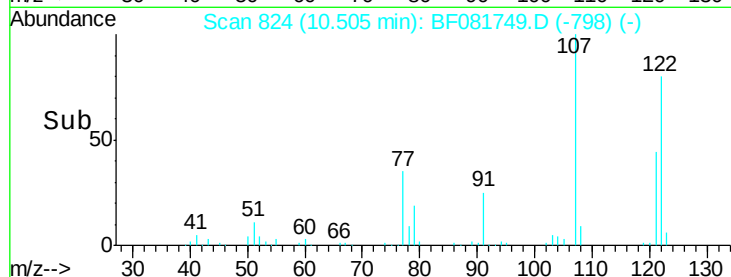
121 54.3 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.60 ng

RT: 10.68 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

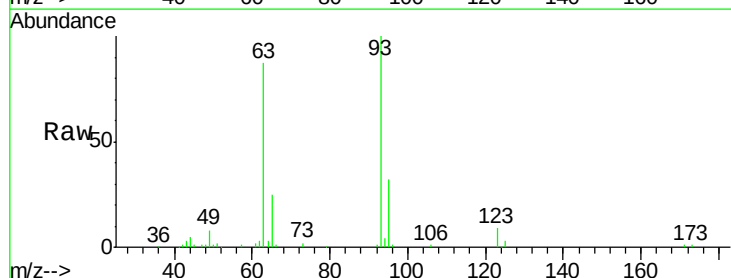
Tgt Ion: 93 Resp: 144657

Ion Ratio Lower Upper

93 100

95 31.9 27.5 41.3

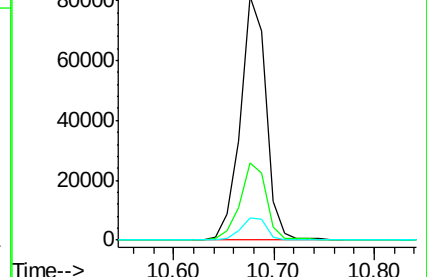
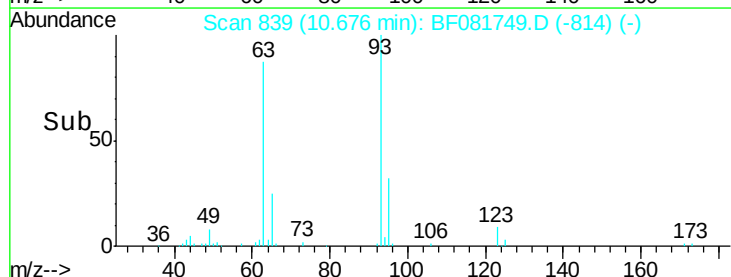
123 8.9 13.7 20.5#

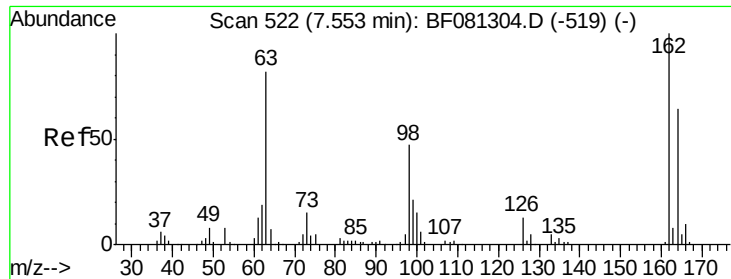


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

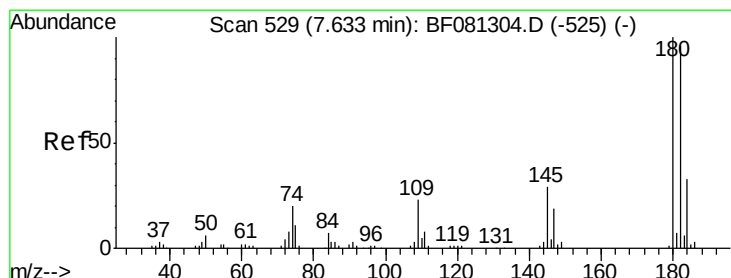
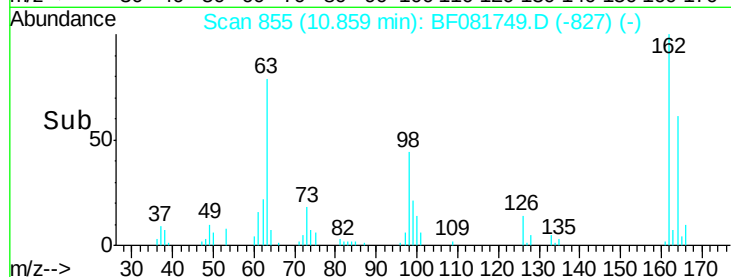
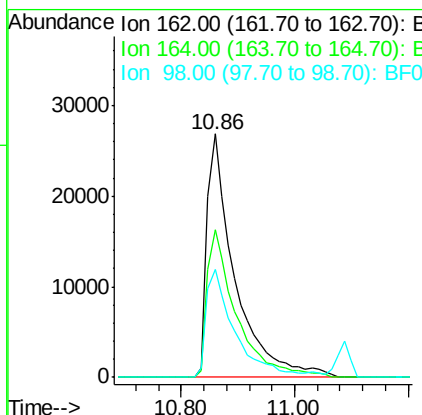
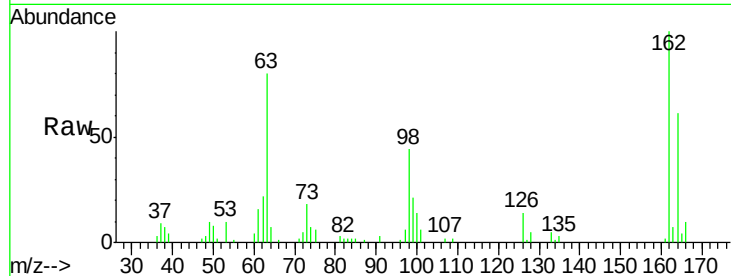




#29
 2,4-Dichlorophenol
 Concen: 44.69 ng
 RT: 10.86 min Scan# 855
 Delta R.T. 0.02 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

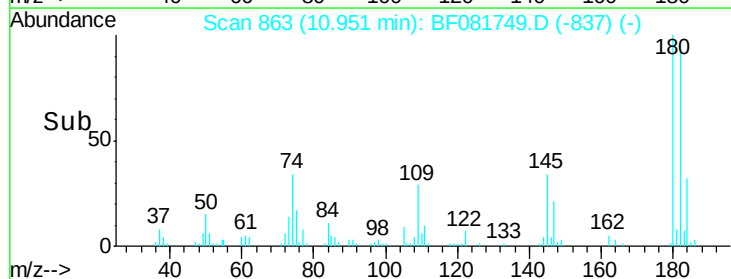
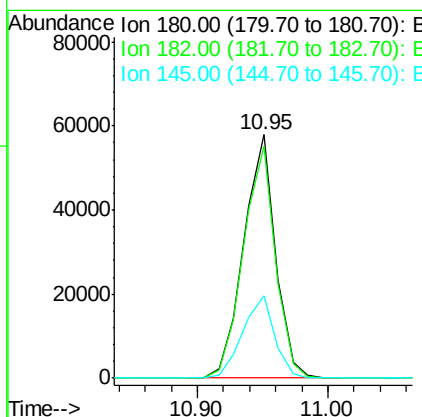
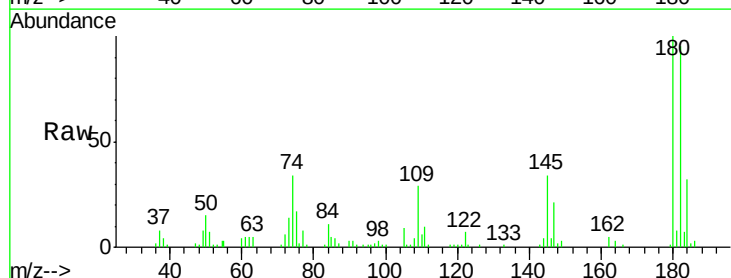
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

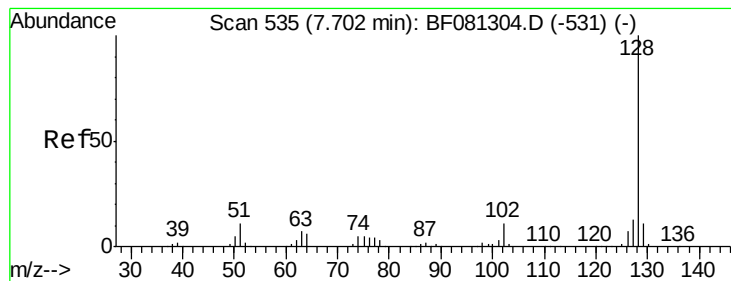
Tot Ion:162 Resp: 89460
 Ion Ratio Lower Upper
 162 100
 164 60.9 44.9 84.9
 98 44.4 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.08 ng
 RT: 10.95 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Tgt Ion:180 Resp: 98018
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.1 115.7
 145 33.7 23.3 34.9





#31

Naphthalene

Concen: 44.35 ng

RT: 11.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

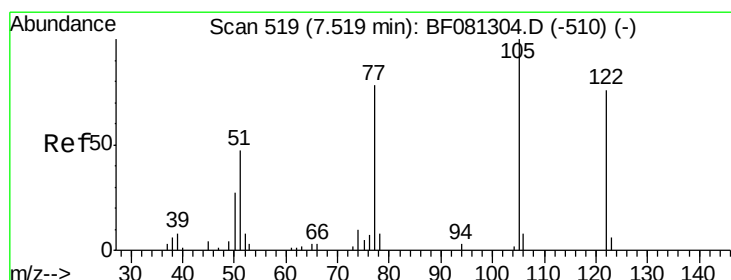
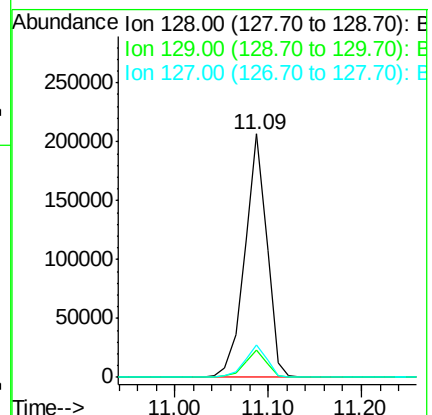
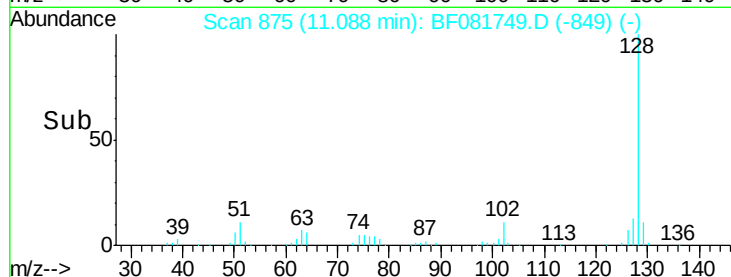
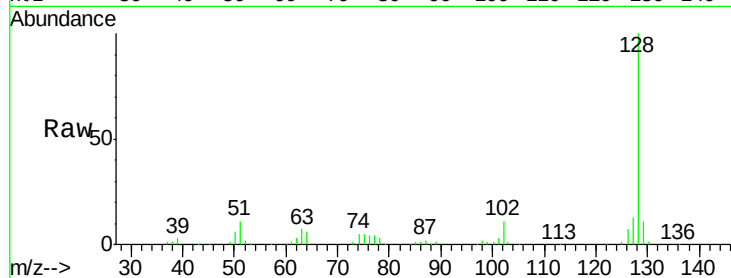
Tot Ion:128 Resp: 336945

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 13.3 9.9 14.9



#32

Benzoic acid

Concen: 3.53 ng

RT: 11.09 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

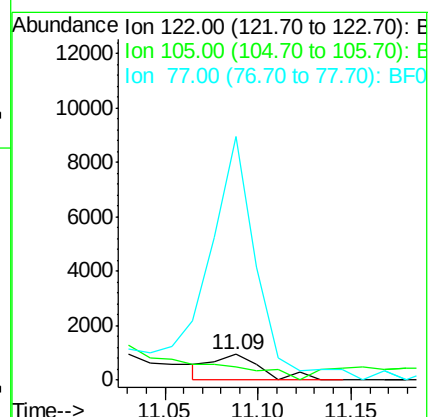
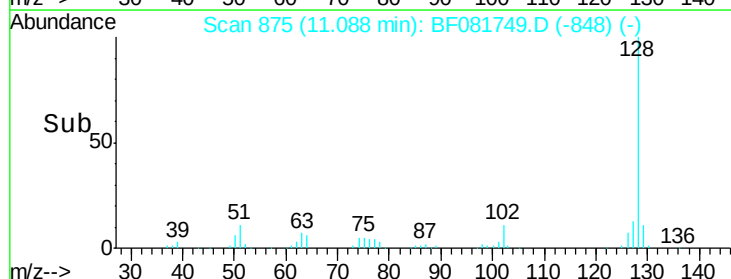
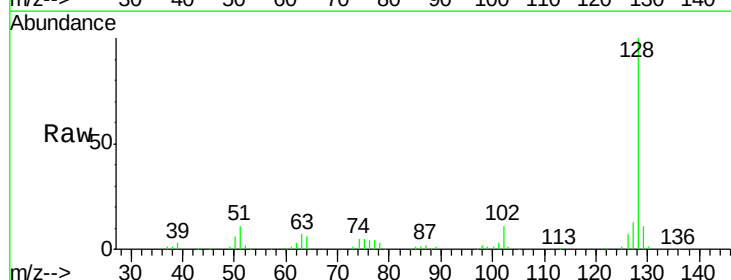
Tgt Ion:122 Resp: 1727

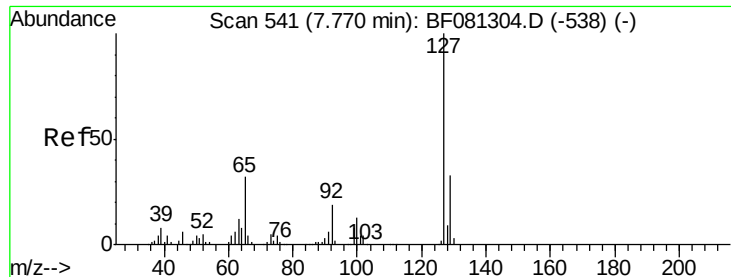
Ion Ratio Lower Upper

122 100

105 50.0 76.1 116.1#

77 941.5 40.5 80.5#

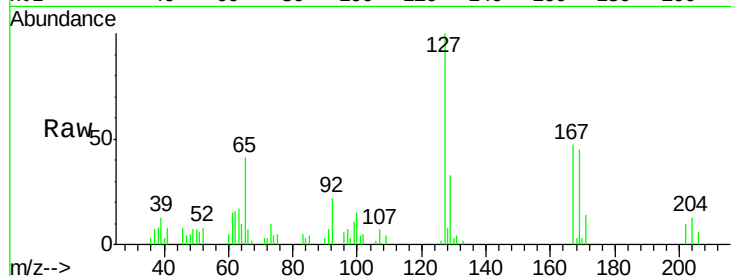




#33
4-Chloroaniline
Concen: 15.49 ng
RT: 11.36 min Scan# 899
Delta R.T. 0.02 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	40.6	17.9	26.9
92	22.4	10.5	15.7



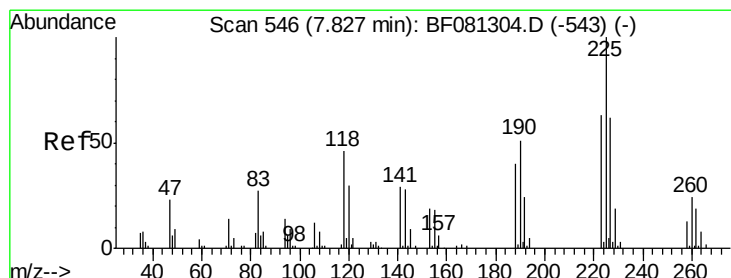
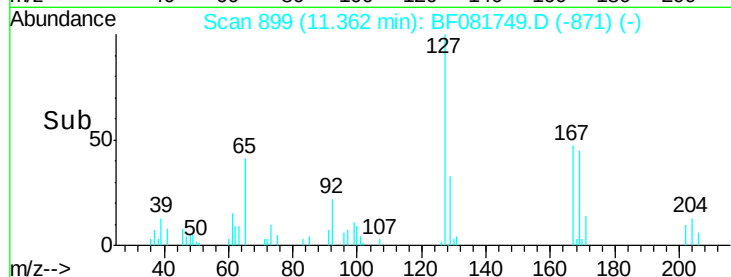
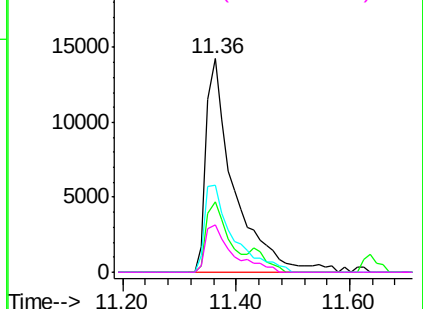
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

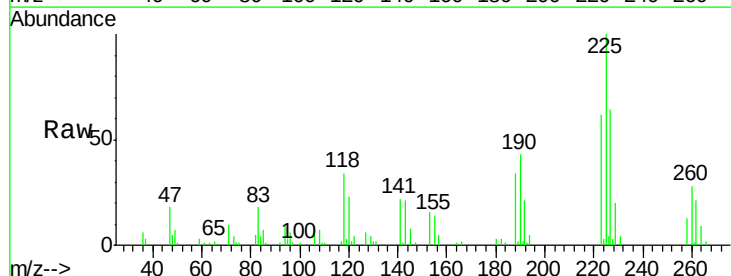
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 48.55 ng
RT: 11.44 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.2	75.2
227	64.1	52.2	78.2

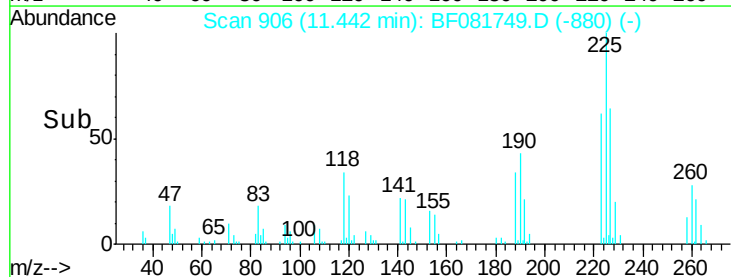
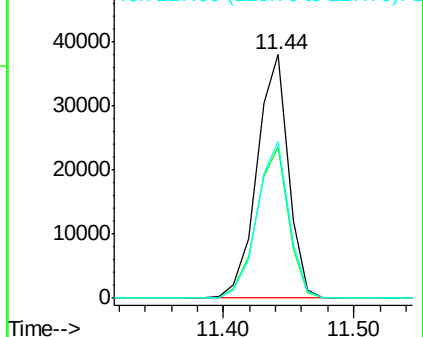


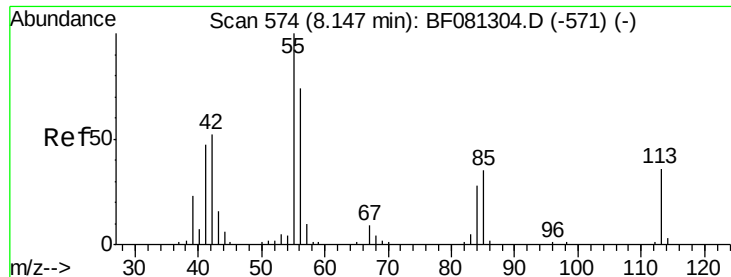
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 14.61 ng

RT: 12.36 min Scan# 986

Delta R.T. 0.03 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

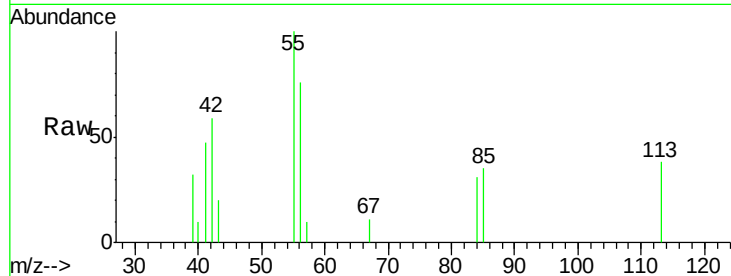
Tot Ion:113 Resp: 8969

Ion Ratio Lower Upper

113 100

55 261.1 152.4 192.4#

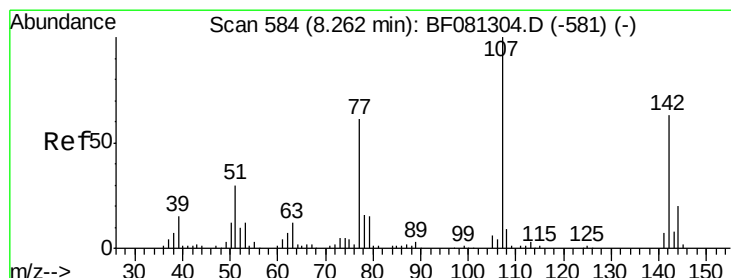
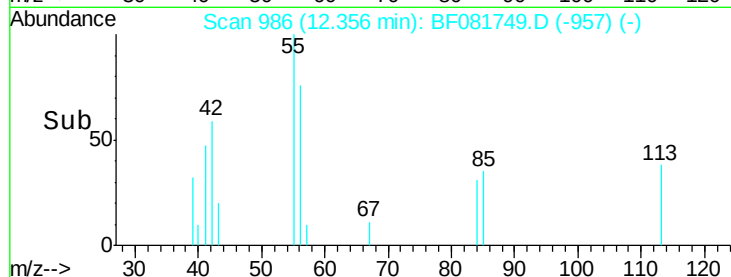
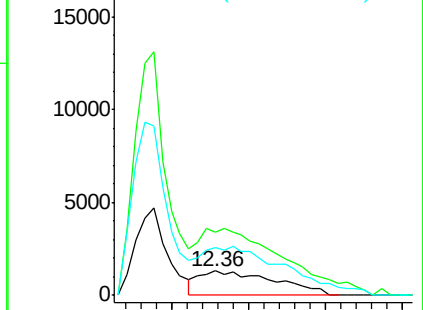
56 198.5 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.47 ng

RT: 12.68 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

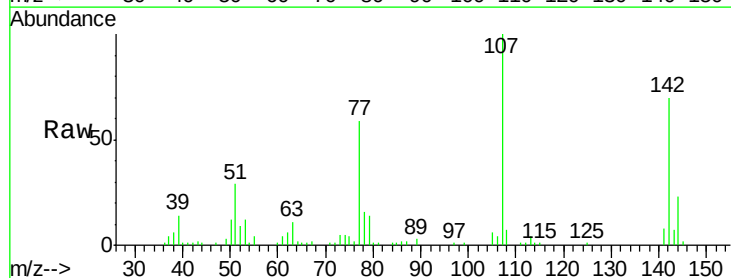
Tgt Ion:107 Resp: 106355

Ion Ratio Lower Upper

107 100

144 23.5 25.4 38.0#

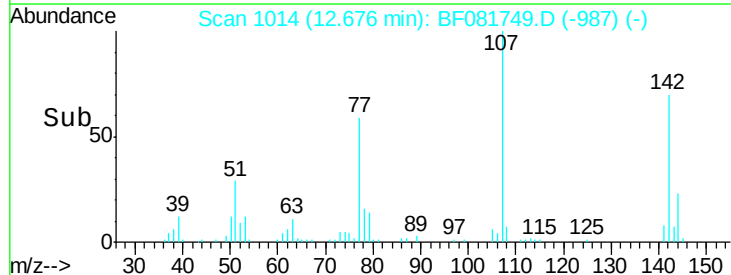
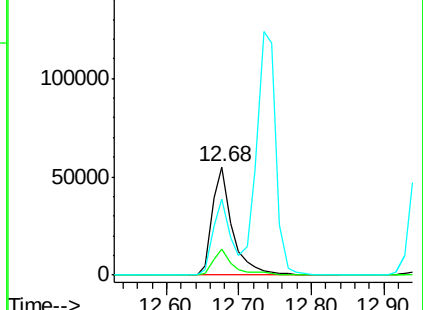
142 70.3 77.3 115.9#

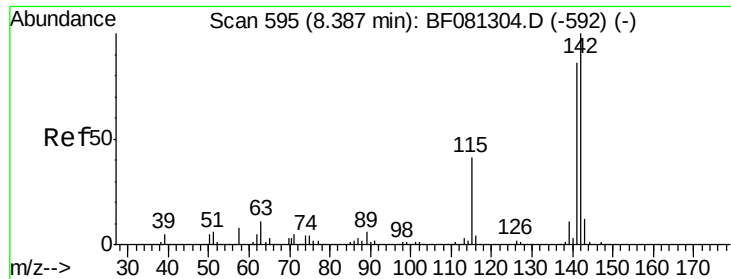


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

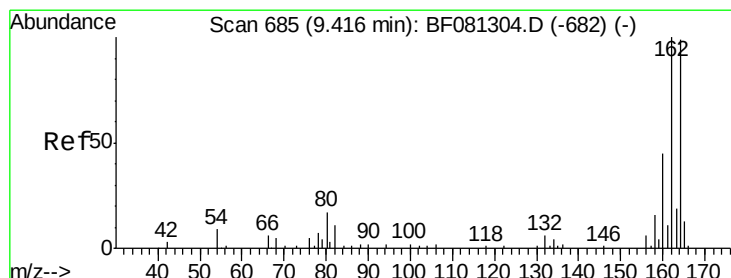
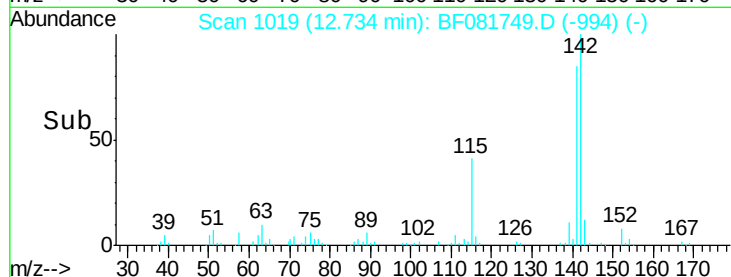
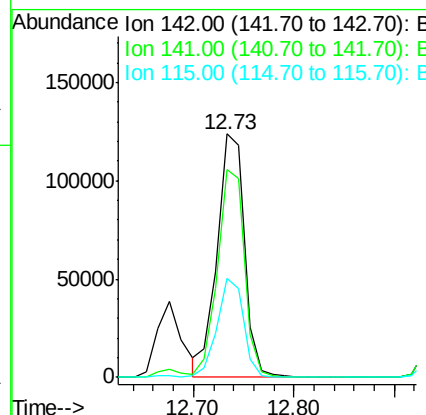
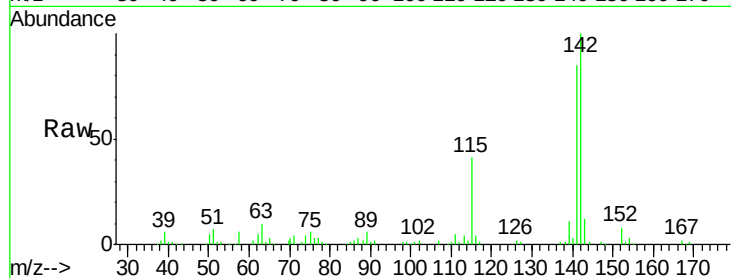




#37
 2-Methylnaphthalene
 Concen: 47.53 ng
 RT: 12.73 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

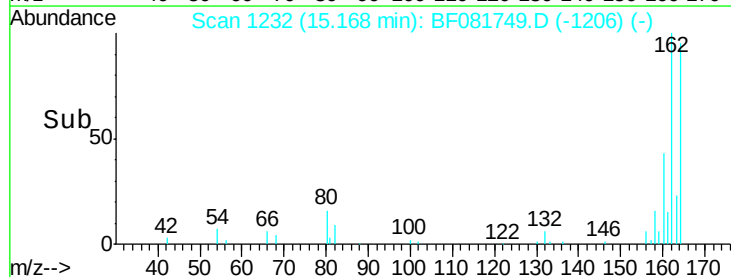
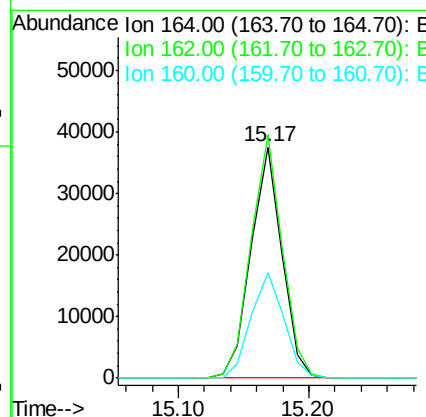
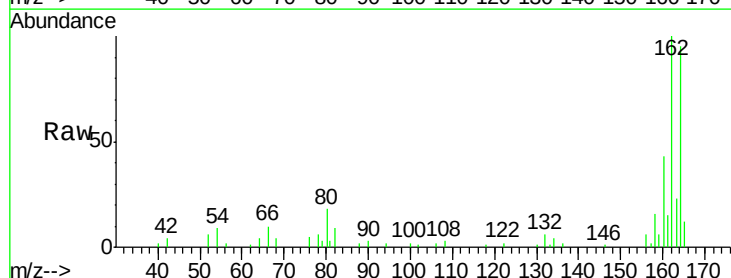
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

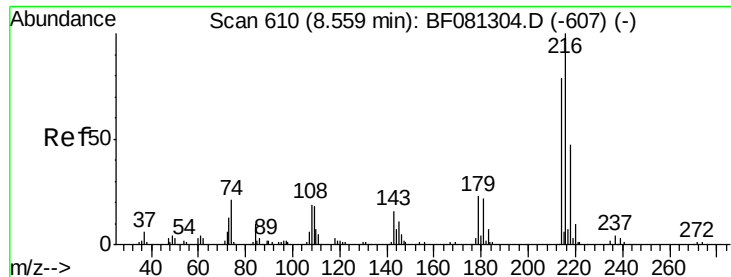
Tot Ion:142 Resp: 234965
 Ion Ratio Lower Upper
 142 100
 141 85.3 67.5 101.3
 115 40.7 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Tgt Ion:164 Resp: 62203
 Ion Ratio Lower Upper
 164 100
 162 105.4 75.2 112.8
 160 45.8 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.07 ng

RT: 13.15 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

Tot Ion:216 Resp: 96531

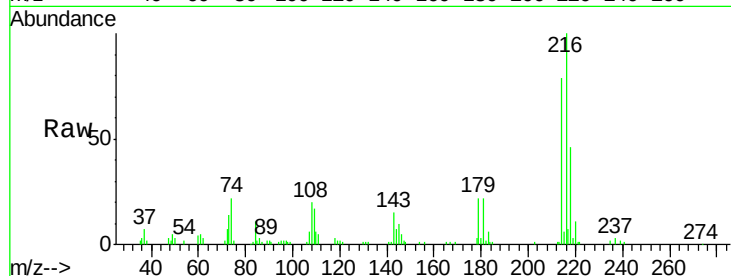
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 23.0 16.6 24.8

108 22.3 16.3 24.5

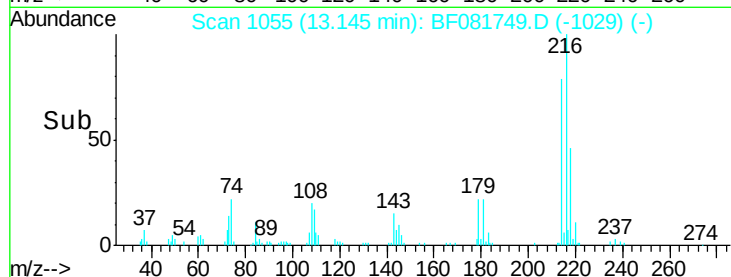


Abundance Ion 216.00 (215.70 to 216.70): E

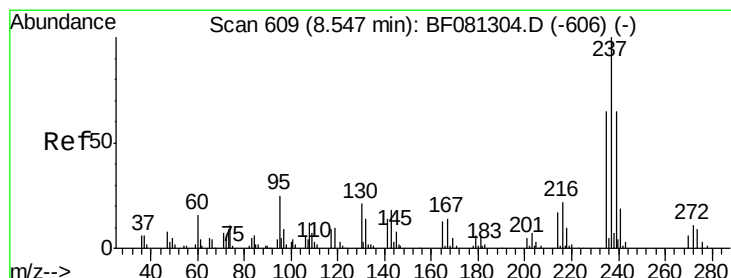
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 44.68 ng

RT: 13.12 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

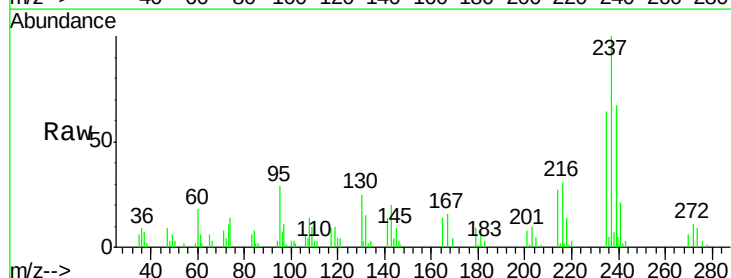
Tgt Ion:237 Resp: 43138

Ion Ratio Lower Upper

237 100

235 63.6 42.0 82.0

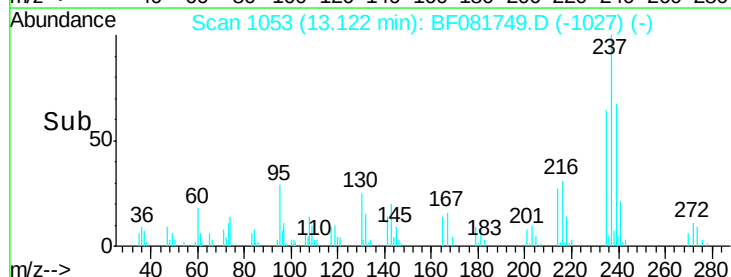
272 11.0 0.0 36.1



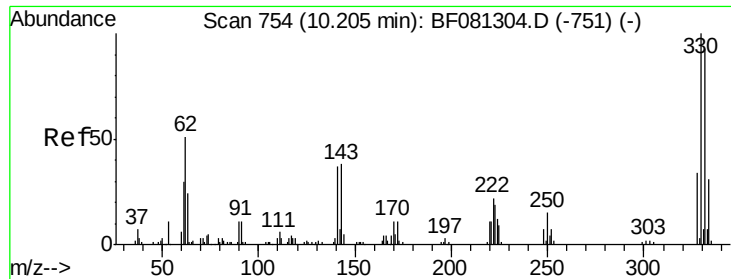
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



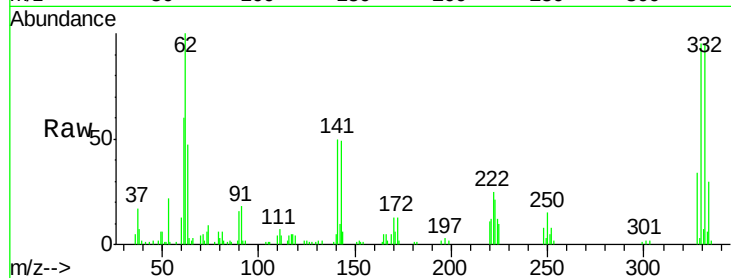
Time-->



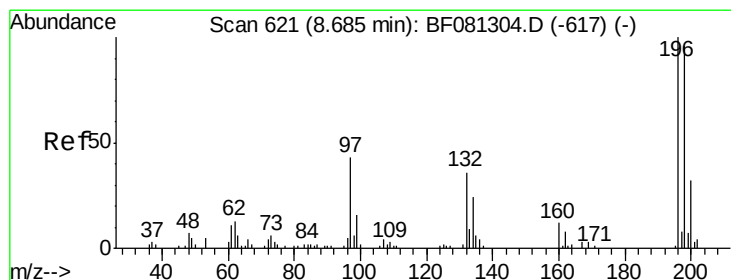
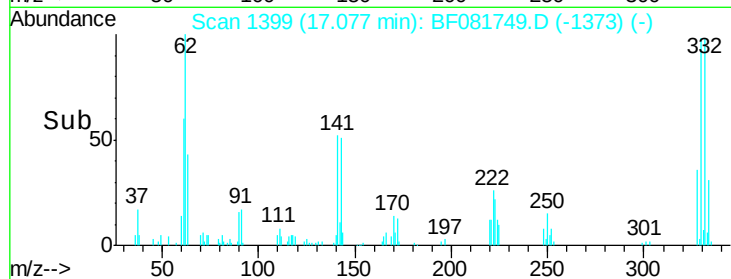
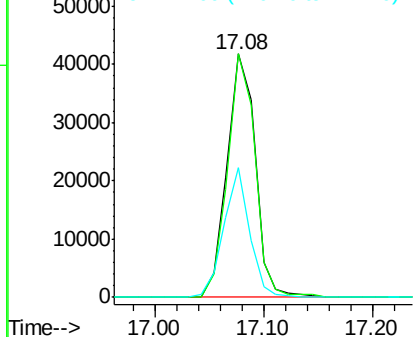
#41
 2,4,6-Tribromophenol
 Concen: 135.39 ng
 RT: 17.08 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Instrument :
 BNA_F
 ClientSampled :
 SP-1MSD

Tot Ion:330 Resp: 74987
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 48.7 29.7 44.5#

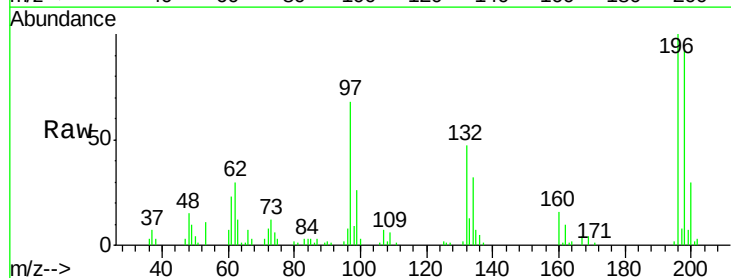


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

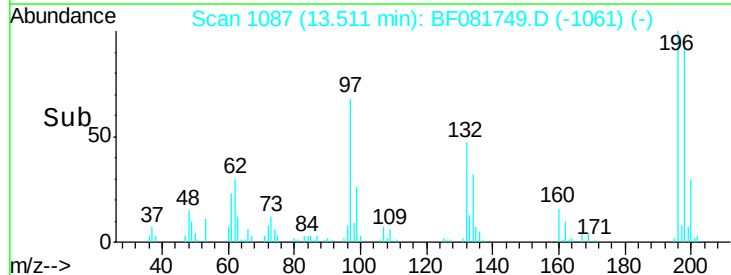
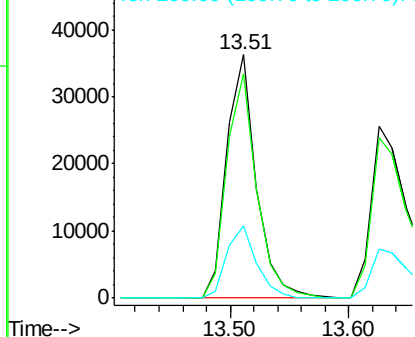


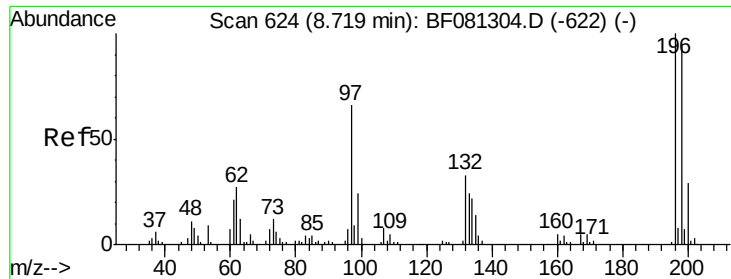
#42
 2,4,6-Trichlorophenol
 Concen: 46.41 ng
 RT: 13.51 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Tgt Ion:196 Resp: 63008
 Ion Ratio Lower Upper
 196 100
 198 92.2 75.7 113.5
 200 29.7 23.9 35.9



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

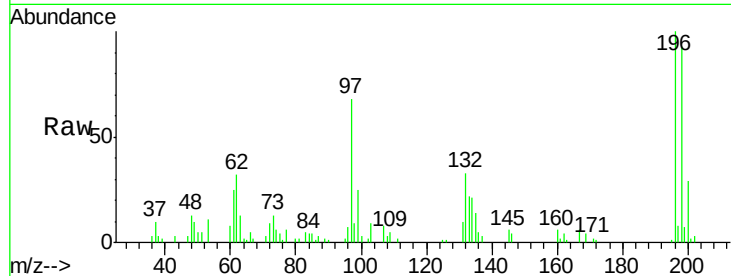




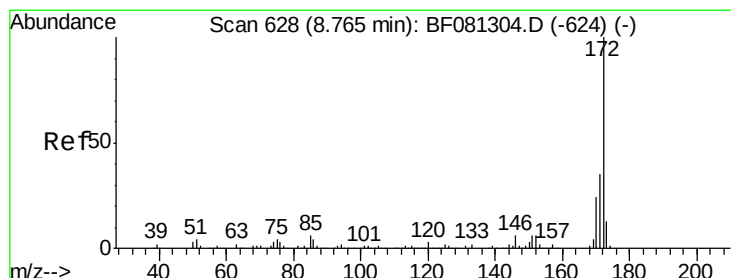
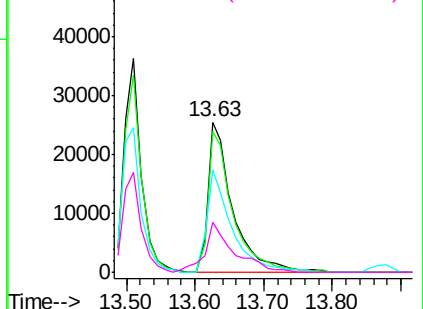
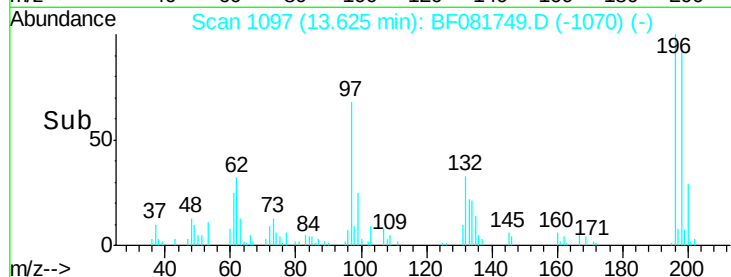
#43
 2,4,5-Trichlorophenol
 Concen: 46.36 ng
 RT: 13.63 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:196 Resp: 64205
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.4 113.0
 97 68.2 33.3 49.9#
 132 33.0 24.6 37.0

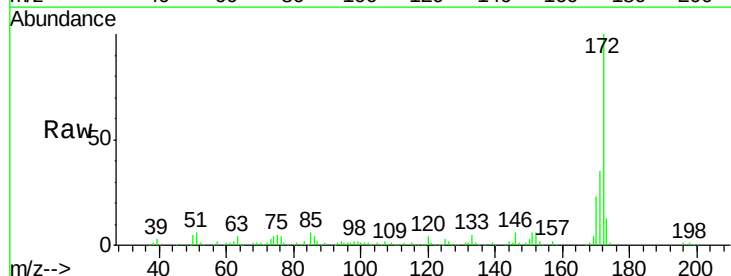


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

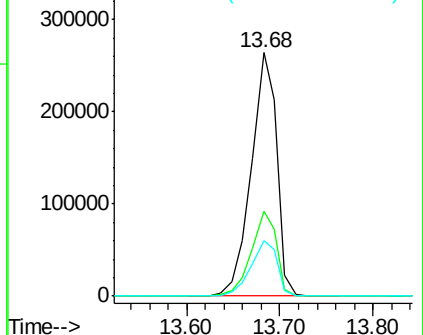
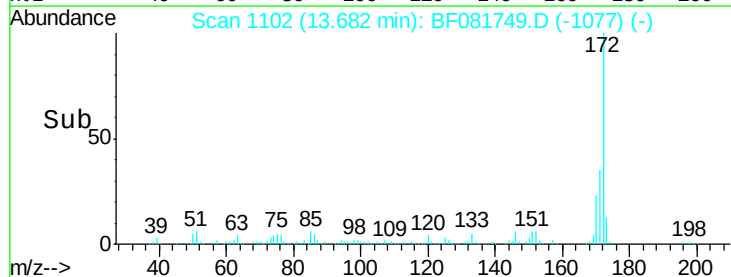


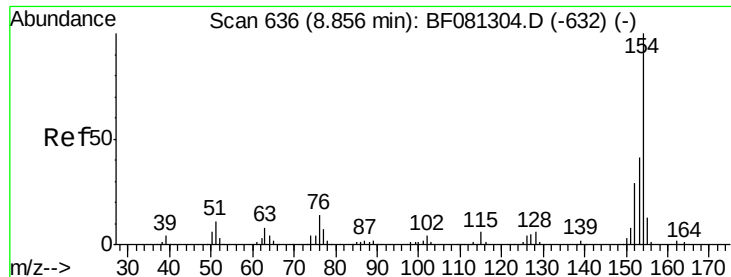
#44
 2-Fluorobiphenyl
 Concen: 103.33 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Tgt Ion:172 Resp: 501547
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.1 39.1
 170 23.0 17.4 26.2



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





#45

1,1'-Biphenyl

Concen: 47.25 ng

RT: 13.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

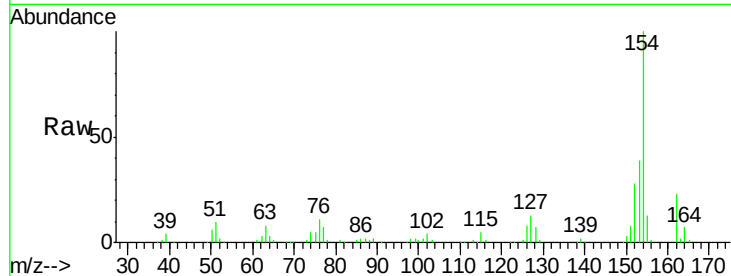
Tot Ion:154 Resp: 270405

Ion Ratio Lower Upper

154 100

153 39.5 17.1 57.1

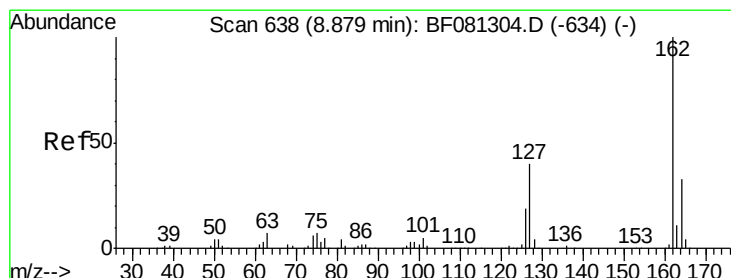
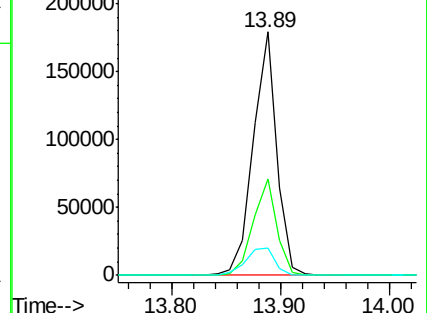
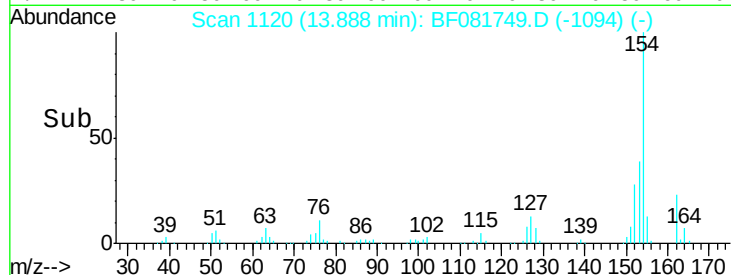
76 11.3 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.48 ng

RT: 13.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

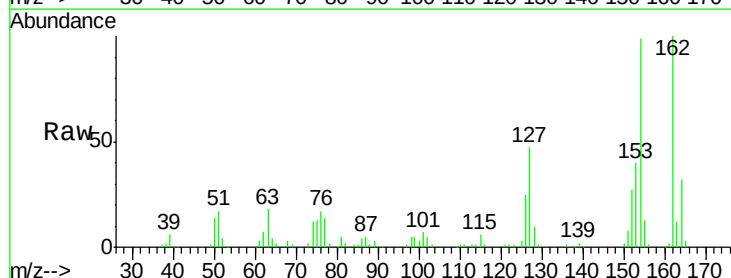
Tgt Ion:162 Resp: 196206

Ion Ratio Lower Upper

162 100

127 46.8 27.6 41.4#

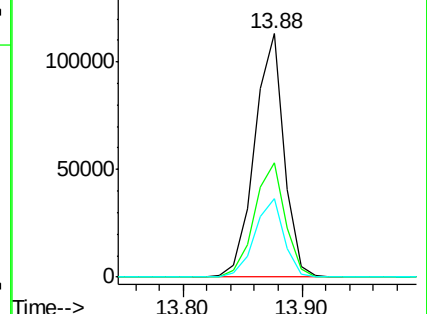
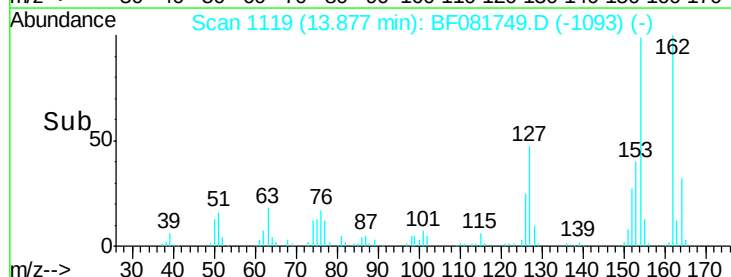
164 32.3 25.4 38.2

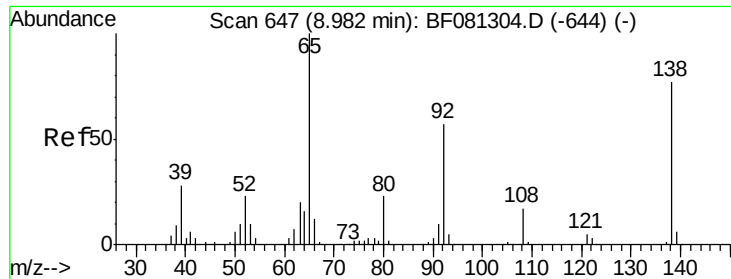


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

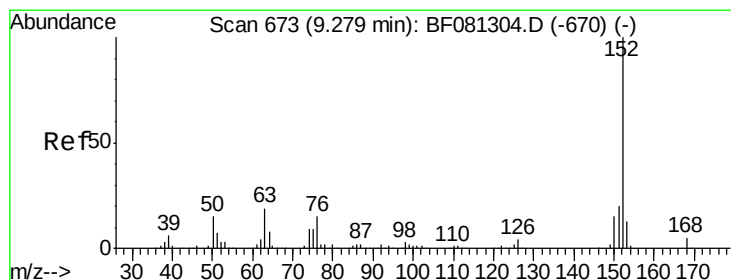
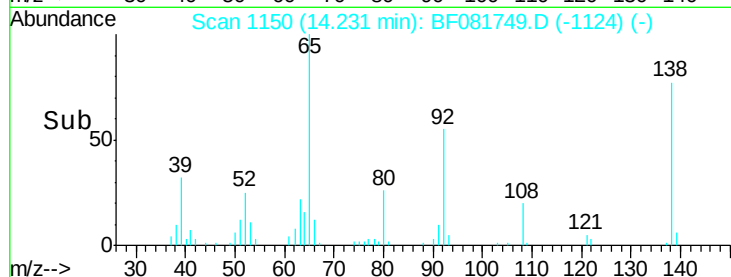
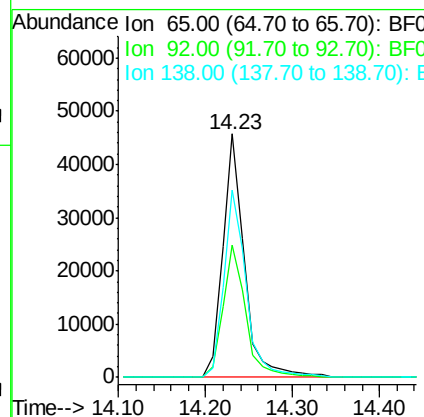
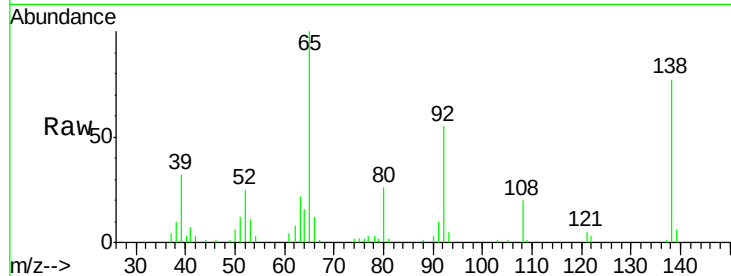




#47
2-Nitroaniline
Concen: 47.27 ng
RT: 14.23 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

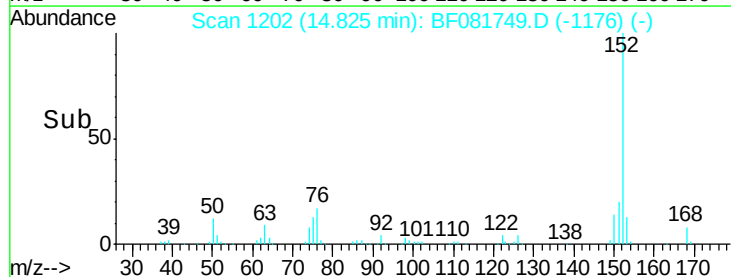
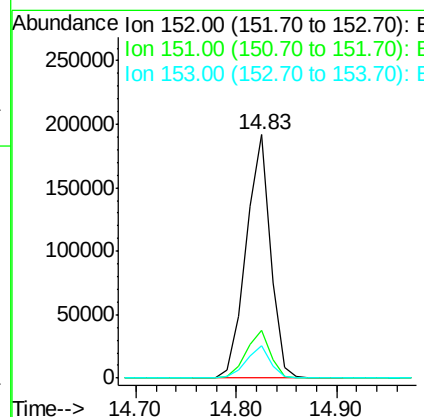
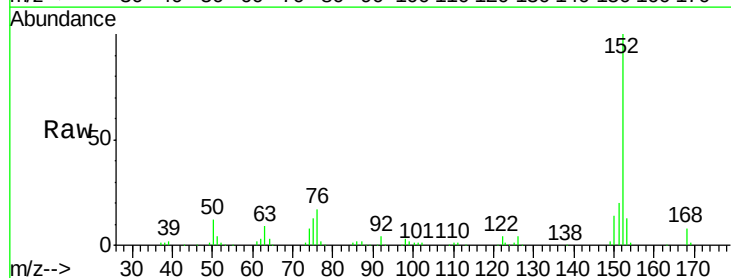
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

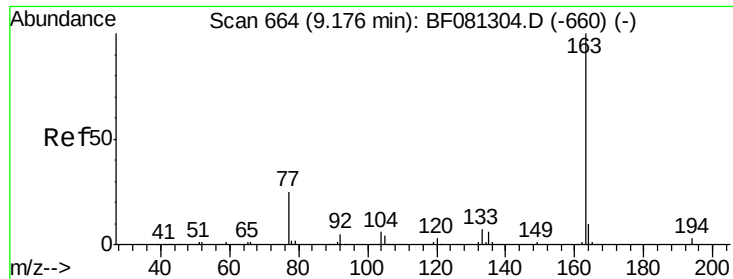
Tot Ion: 65 Resp: 79612
Ion Ratio Lower Upper
65 100
92 54.5 55.4 83.0#
138 77.2 115.5 173.3#



#48
Acenaphthylene
Concen: 43.80 ng
RT: 14.83 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Tgt Ion: 152 Resp: 321124
Ion Ratio Lower Upper
152 100
151 19.7 14.6 22.0
153 13.1 10.3 15.5





#49

Dimethylphthalate

Concen: 69.32 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

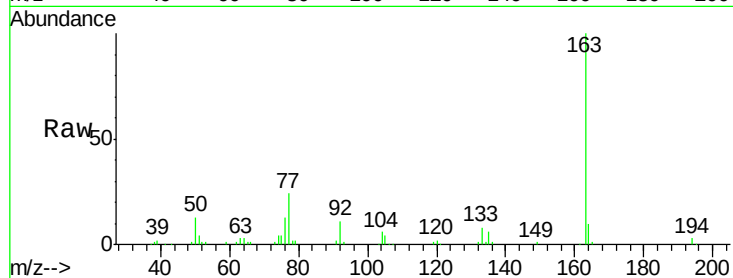
Tot Ion:163 Resp: 334993

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

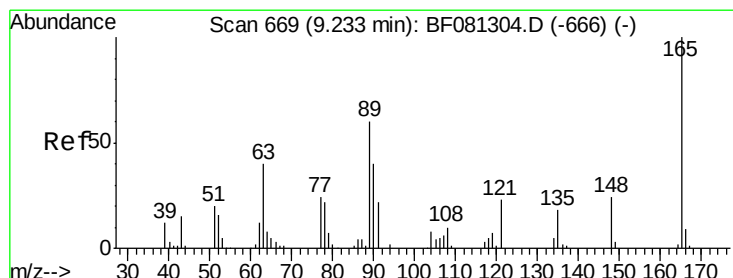
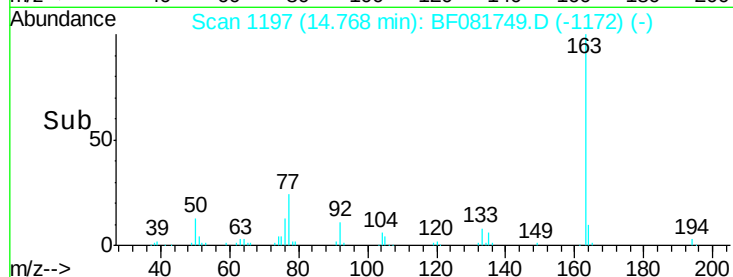
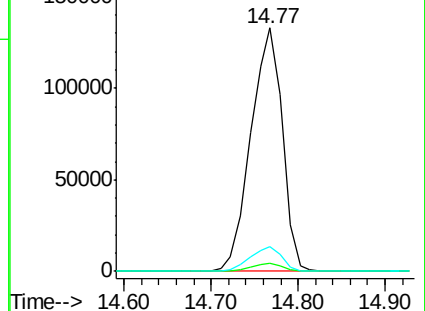
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.32 ng

RT: 14.87 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

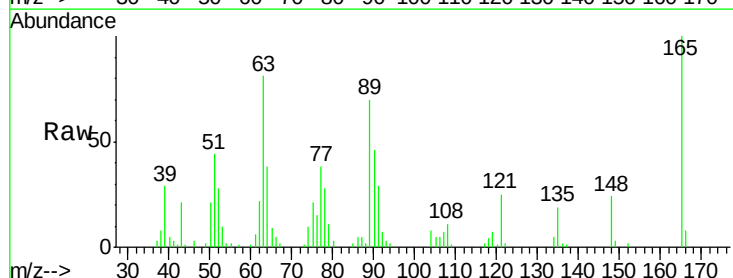
Tgt Ion:165 Resp: 46424

Ion Ratio Lower Upper

165 100

63 80.5 32.3 48.5#

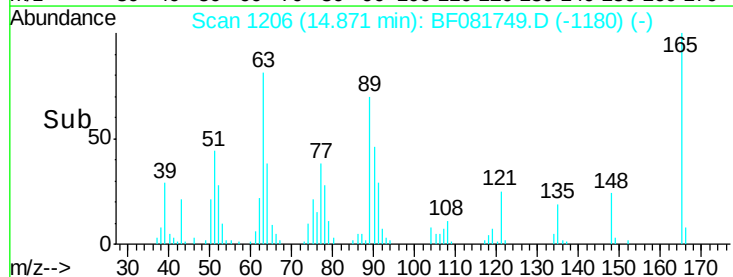
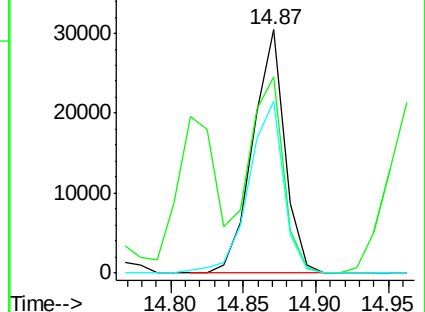
89 70.4 28.6 43.0#

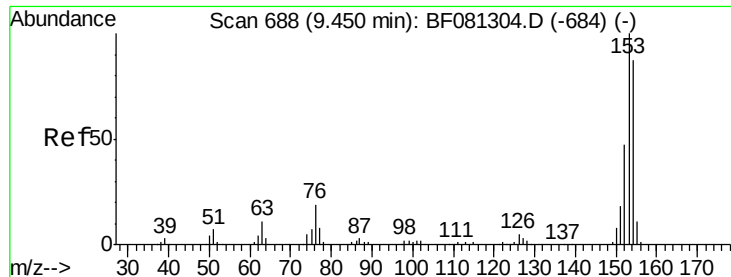


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.65 ng

RT: 15.25 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

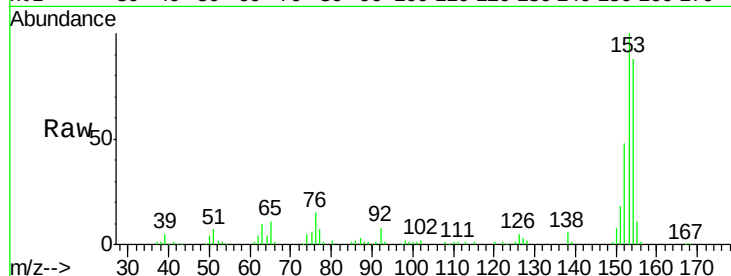
Tot Ion:154 Resp: 186227

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

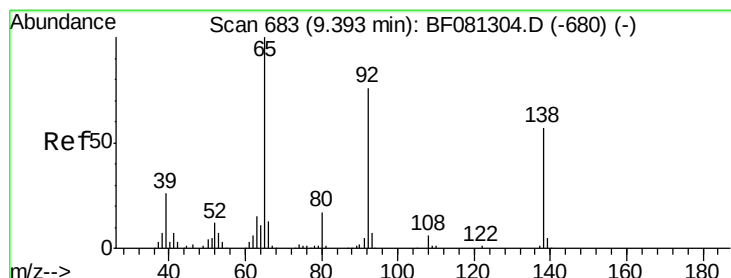
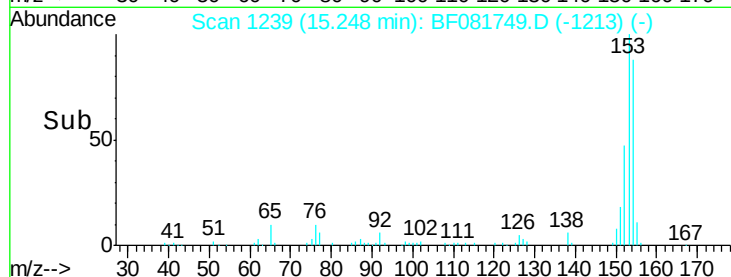
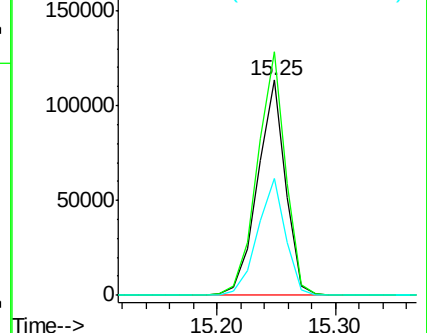
152 54.2 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.43 ng

RT: 15.24 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

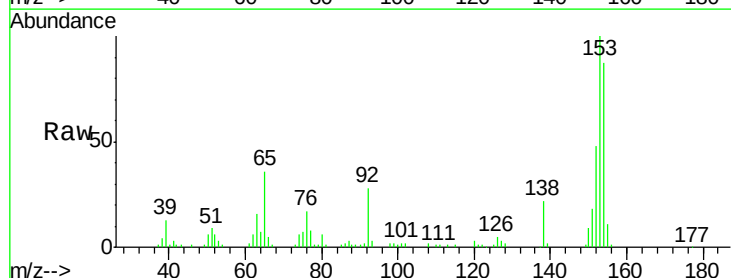
Tgt Ion:138 Resp: 34255

Ion Ratio Lower Upper

138 100

108 10.6 5.7 8.5#

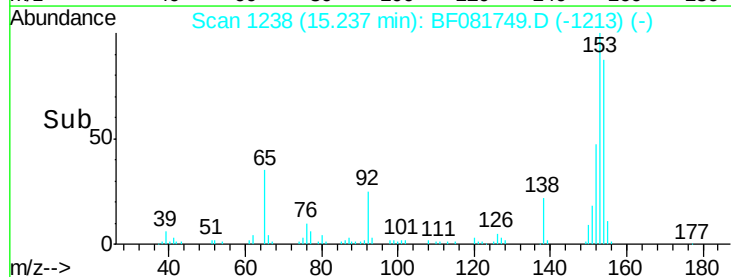
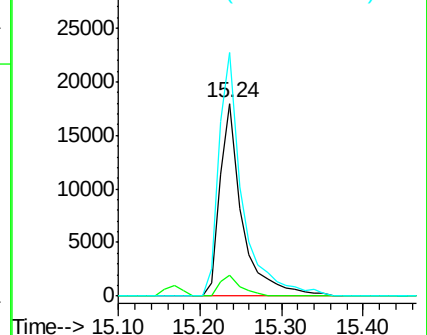
92 126.5 67.7 101.5#

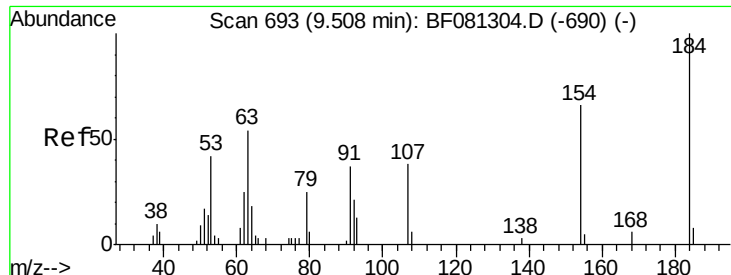


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

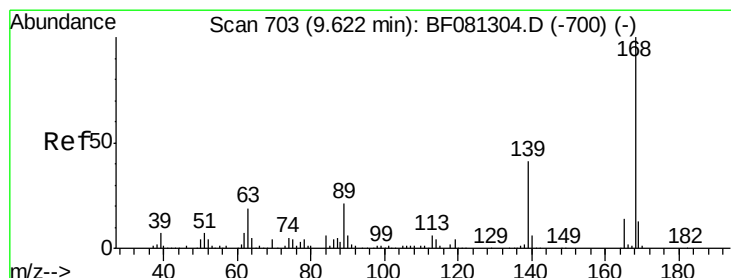
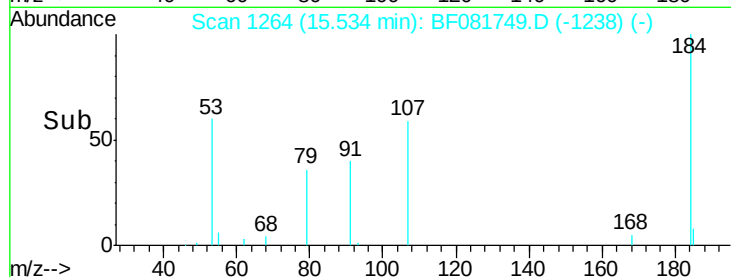
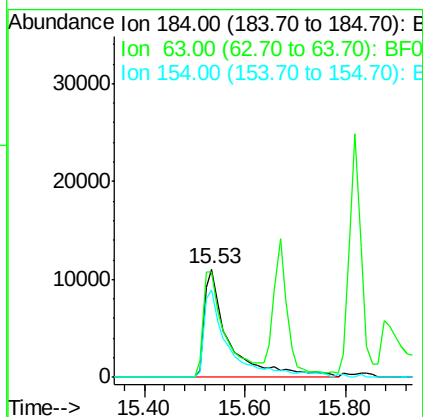
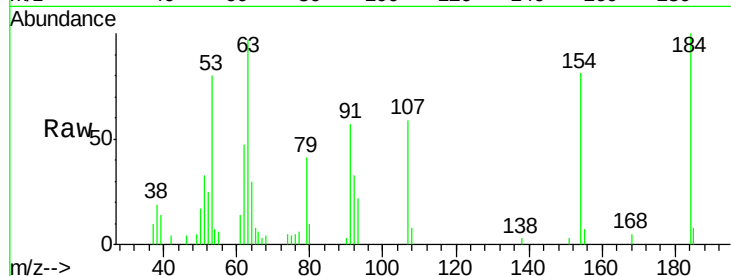




#53
 2,4-Dinitrophenol
 Concen: 67.71 ng
 RT: 15.53 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

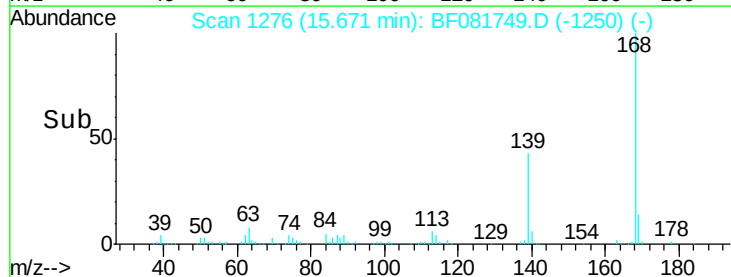
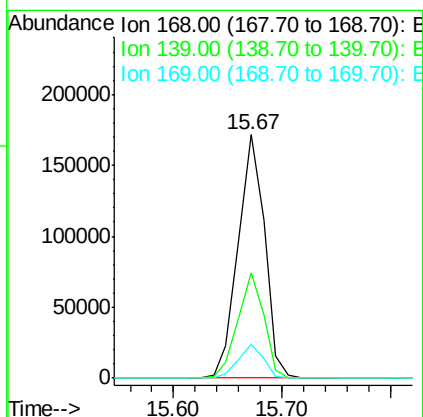
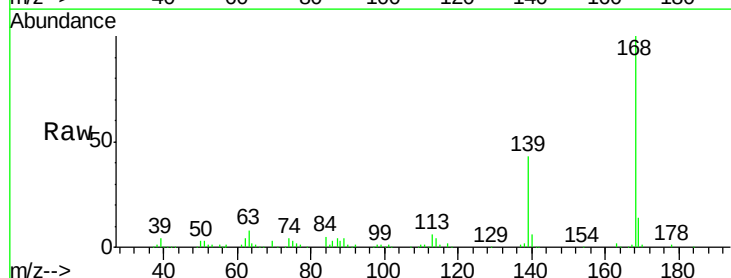
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

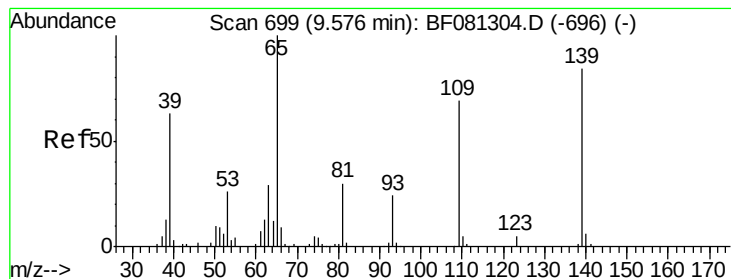
Tot Ion:184 Resp: 37281
 Ion Ratio Lower Upper
 184 100
 63 96.9 35.4 53.2#
 154 80.5 32.2 48.4#



#54
 Dibenzofuran
 Concen: 47.63 ng
 RT: 15.67 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Tgt Ion:168 Resp: 290048
 Ion Ratio Lower Upper
 168 100
 139 43.2 24.2 36.2#
 169 13.6 10.6 15.8





#55

4-Nitrophenol

Concen: 65.30 ng

RT: 15.89 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

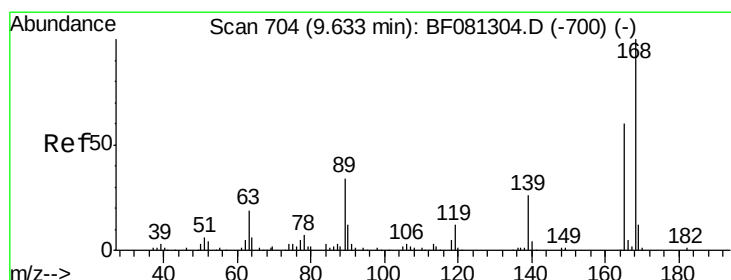
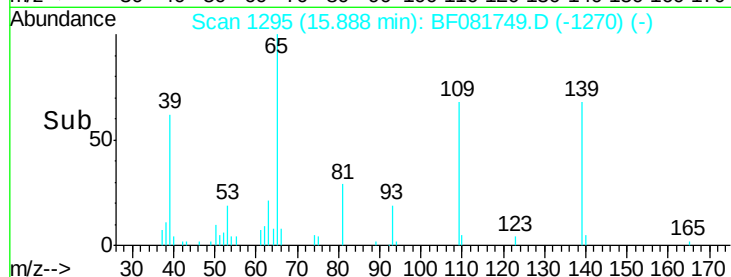
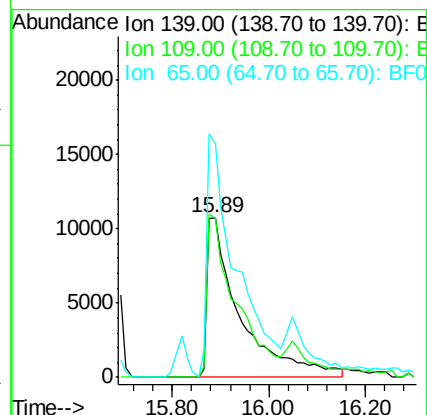
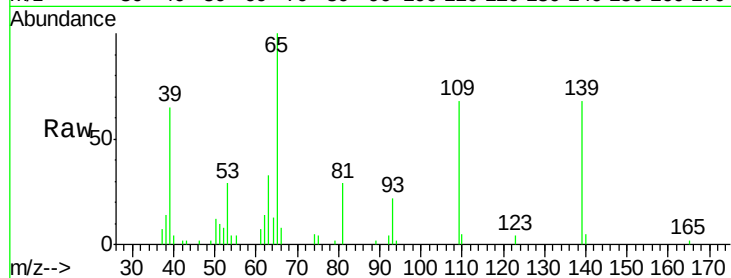
Tot Ion:139 Resp: 51228

Ion Ratio Lower Upper

139 100

109 99.6 12.7 52.7#

65 146.2 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 43.31 ng

RT: 15.82 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Tgt Ion:165 Resp: 60492

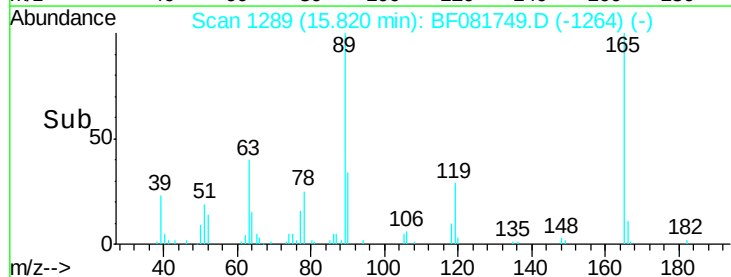
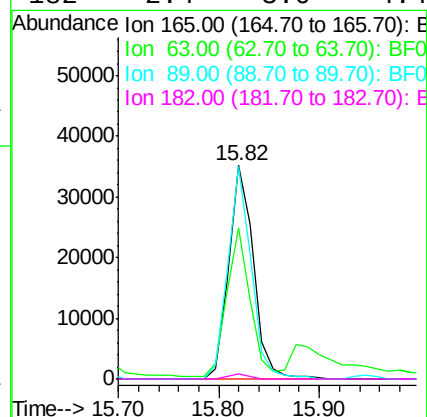
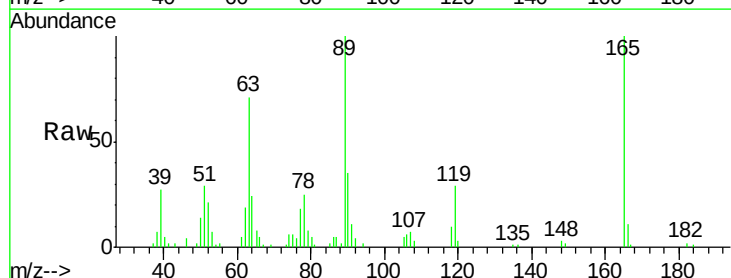
Ion Ratio Lower Upper

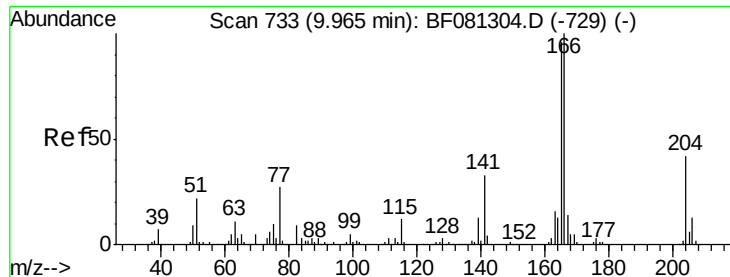
165 100

63 70.6 29.8 44.6#

89 99.6 44.5 66.7#

182 2.4 3.0 4.4#





#57

Fluorene

Concen: 47.52 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

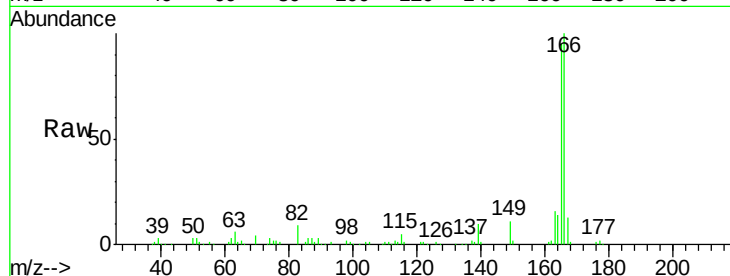
Tot Ion:166 Resp: 219648

Ion Ratio Lower Upper

166 100

165 95.4 72.6 109.0

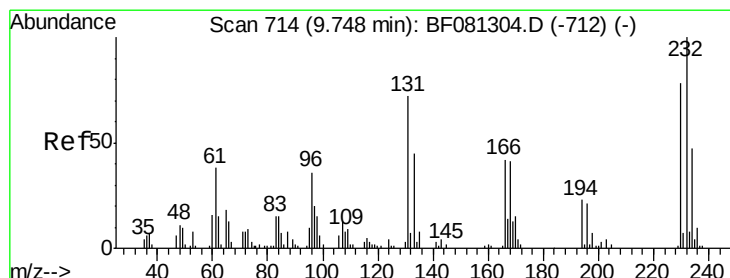
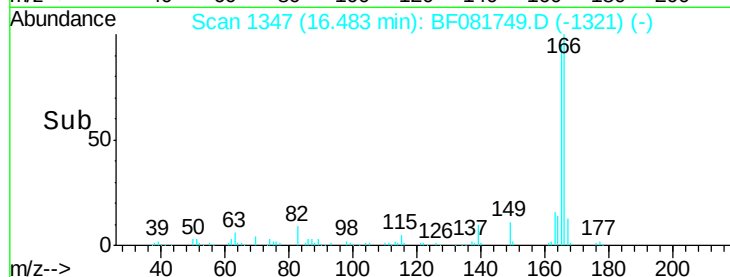
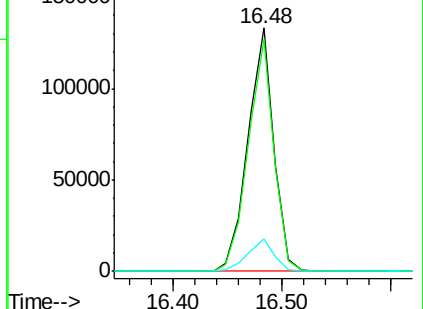
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.15 ng

RT: 16.05 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Tgt Ion:232 Resp: 50916

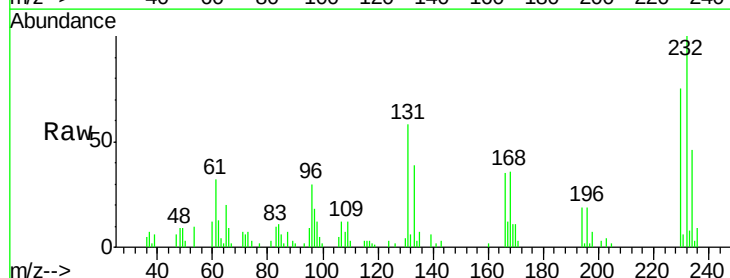
Ion Ratio Lower Upper

232 100

131 54.9 38.5 57.7

130 2.1 1.8 2.6

166 30.7 25.0 37.6

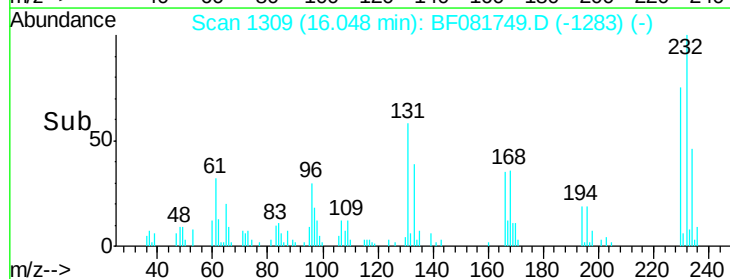
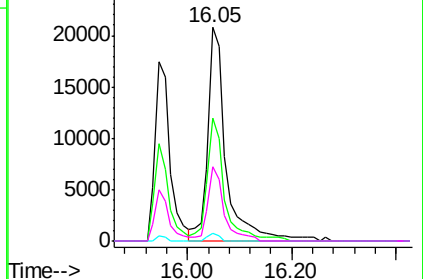


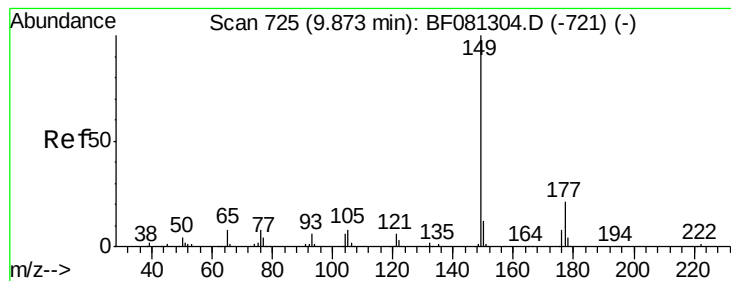
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.73 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

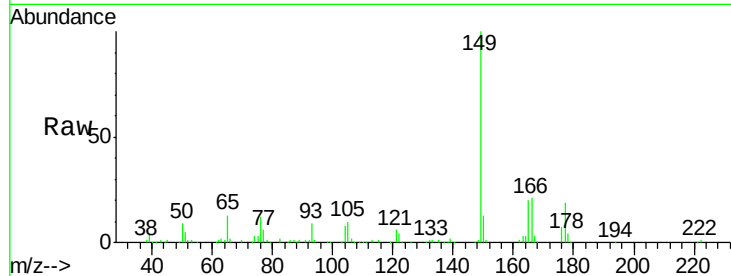
Tot Ion:149 Resp: 247748

Ion Ratio Lower Upper

149 100

177 18.7 17.5 26.3

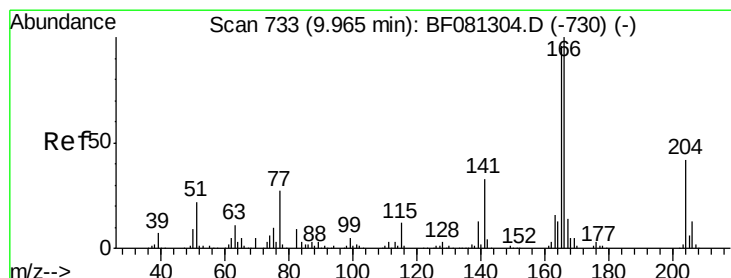
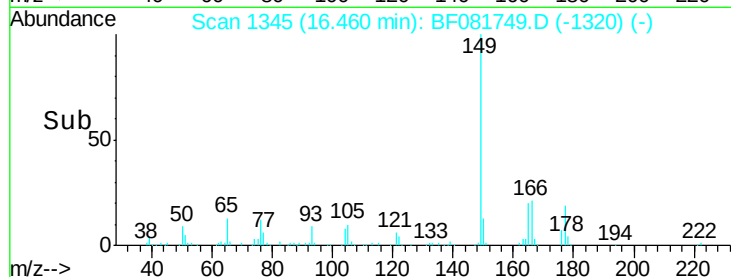
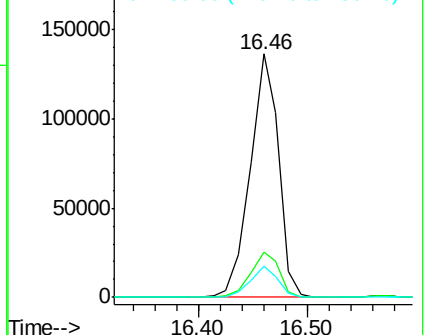
150 12.6 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.36 ng

RT: 16.57 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

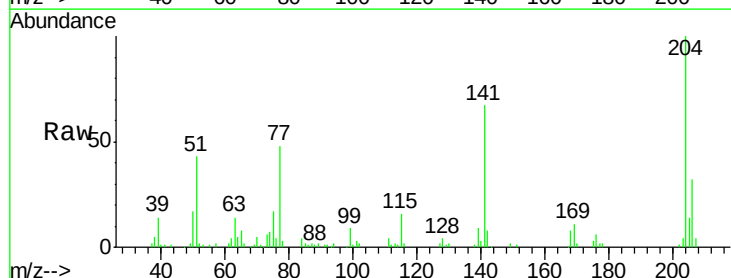
Tgt Ion:204 Resp: 106333

Ion Ratio Lower Upper

204 100

206 31.6 24.8 37.2

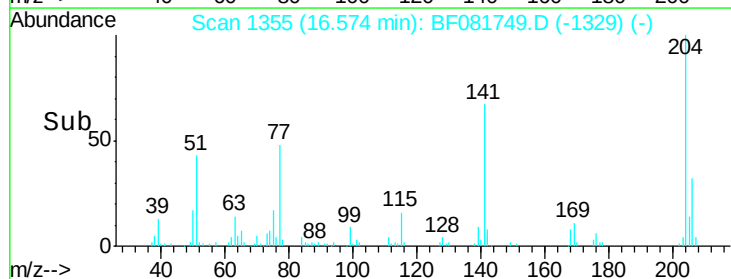
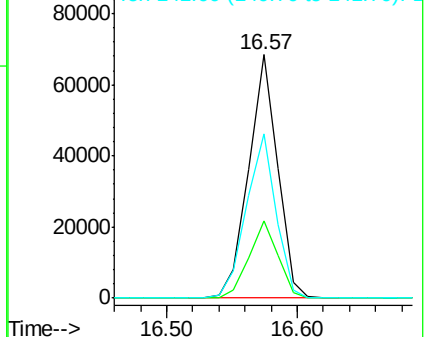
141 67.4 42.2 63.4#

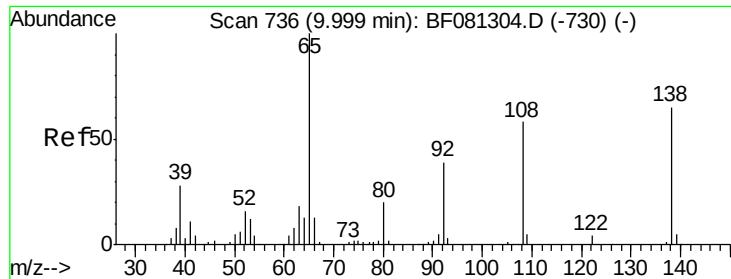


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

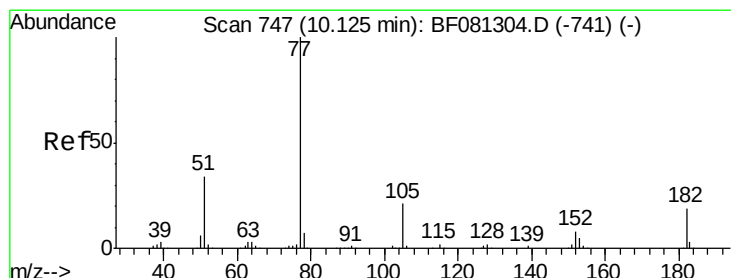
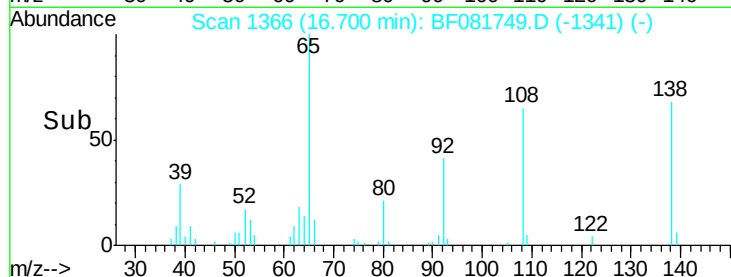
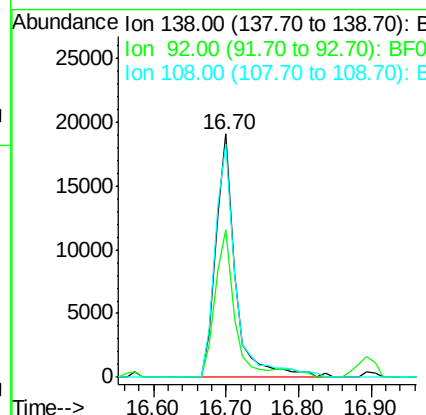
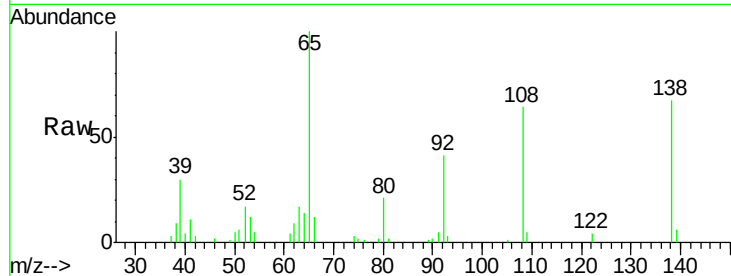




#61
4-Nitroaniline
Concen: 28.43 ng
RT: 16.70 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

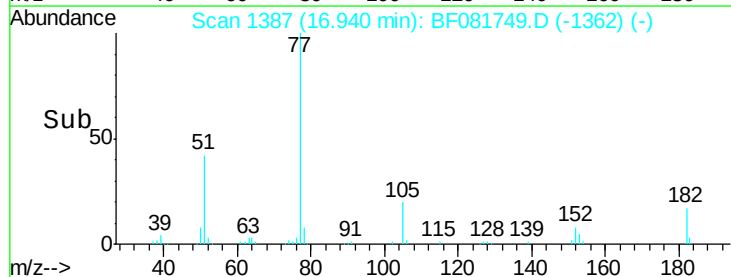
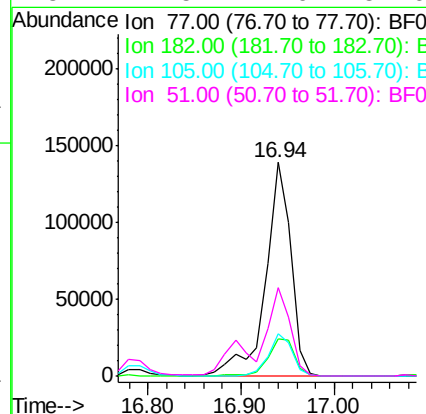
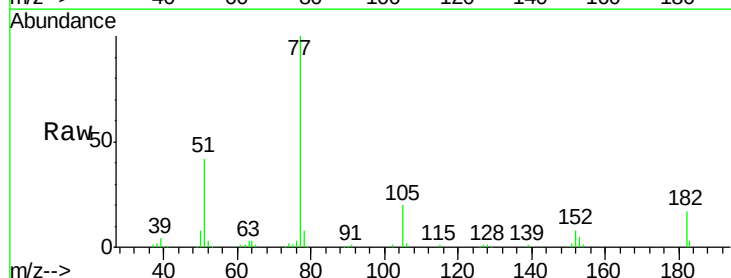
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

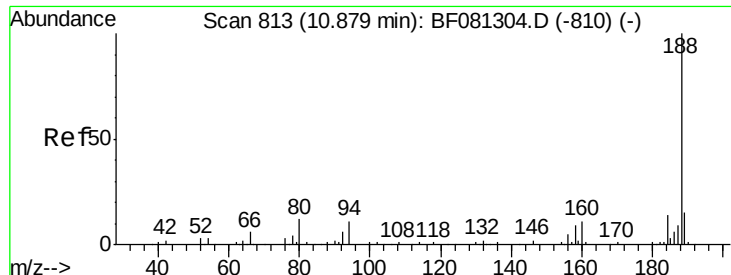
Tot Ion:138 Resp: 35861
Ion Ratio Lower Upper
138 100
92 60.7 12.6 52.6#
108 95.8 12.4 52.4#



#62
Azobenzene
Concen: 46.78 ng
RT: 16.94 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Tgt Ion: 77 Resp: 264377
Ion Ratio Lower Upper
77 100
182 17.4 15.1 55.1
105 19.6 3.4 43.4
51 41.5 12.0 52.0

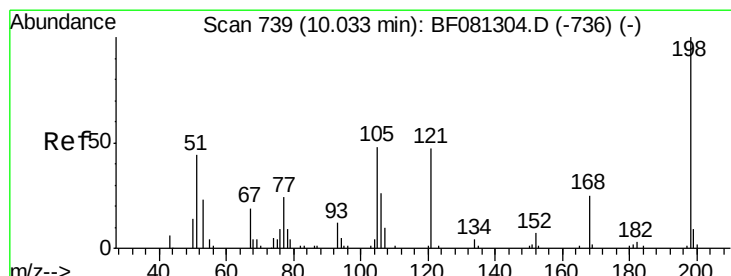
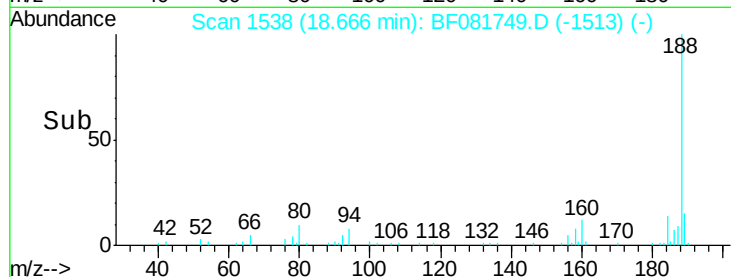
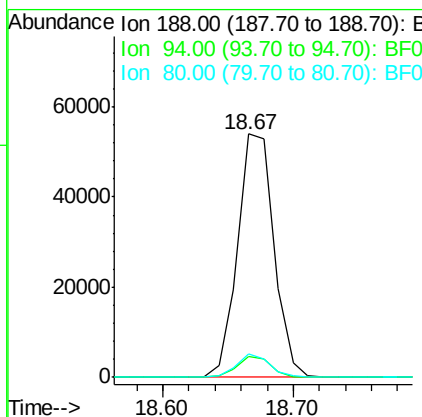
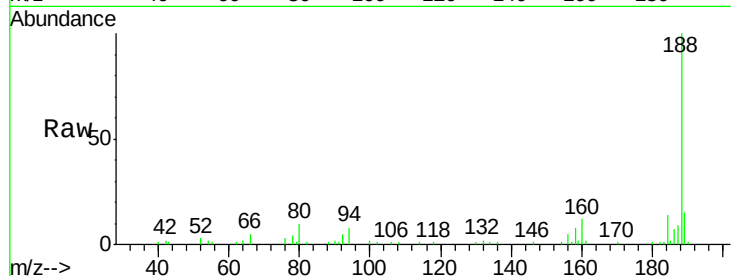




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

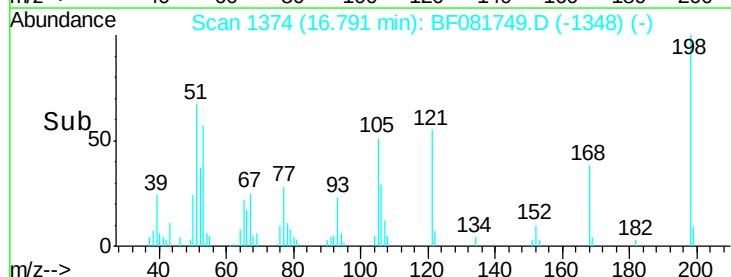
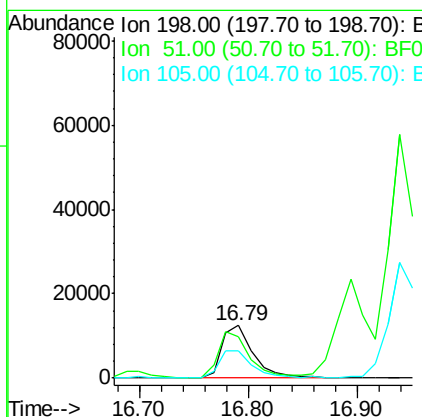
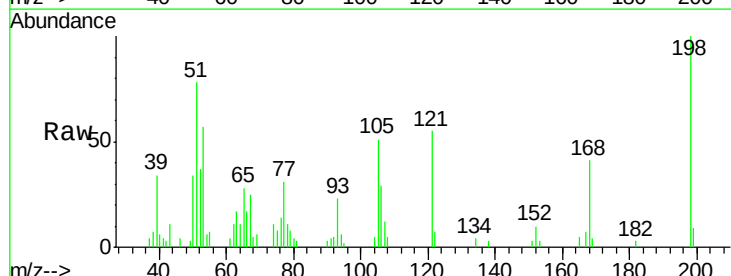
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

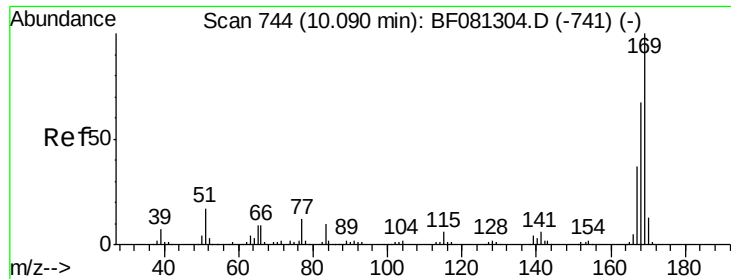
Tot Ion:188 Resp: 104593
 Ion Ratio Lower Upper
 188 100
 94 8.5 11.1 16.7#
 80 9.8 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.65 ng
 RT: 16.79 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Tgt Ion:198 Resp: 24951
 Ion Ratio Lower Upper
 198 100
 51 78.2 39.6 79.6
 105 51.2 28.5 68.5

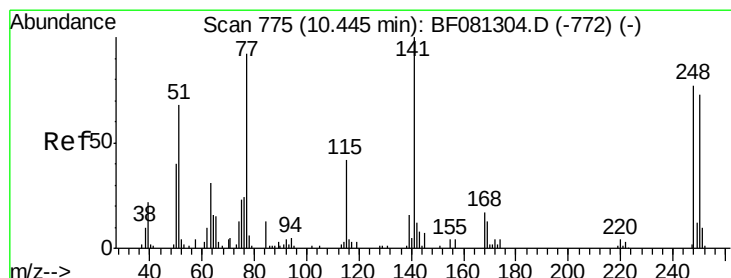
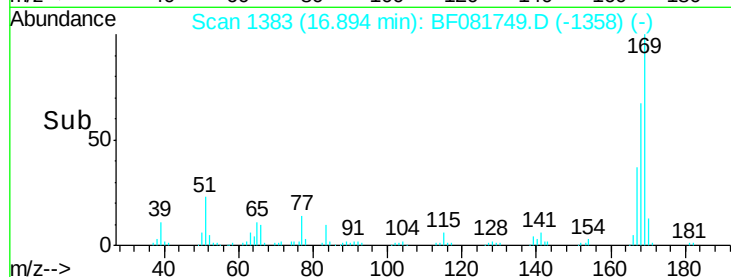
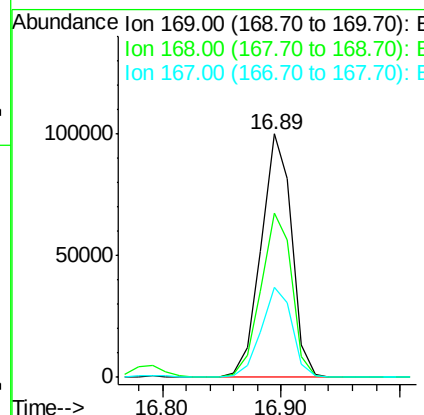
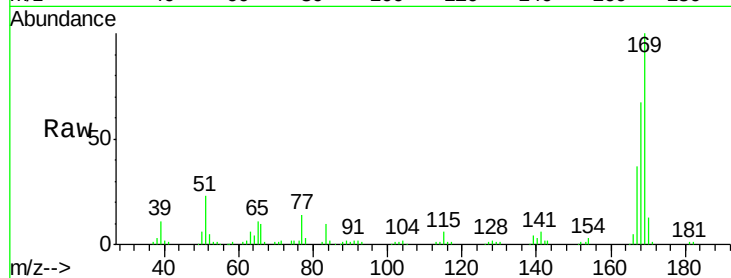




#65
n-Nitrosodiphenylamine
Concen: 47.40 ng
RT: 16.89 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

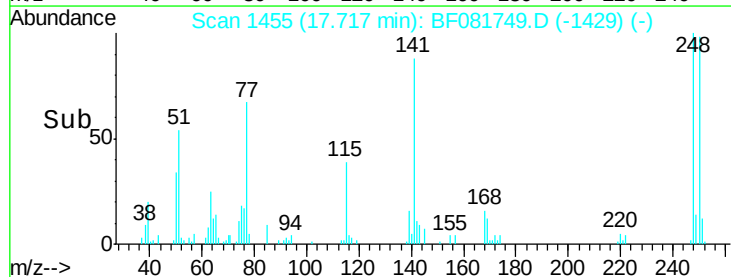
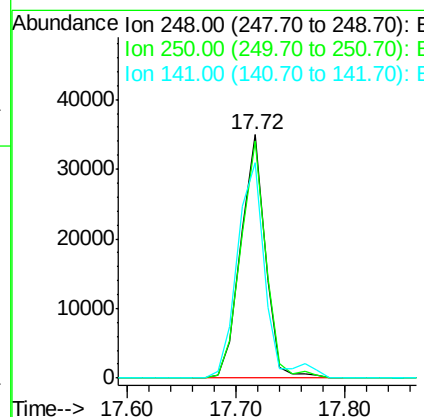
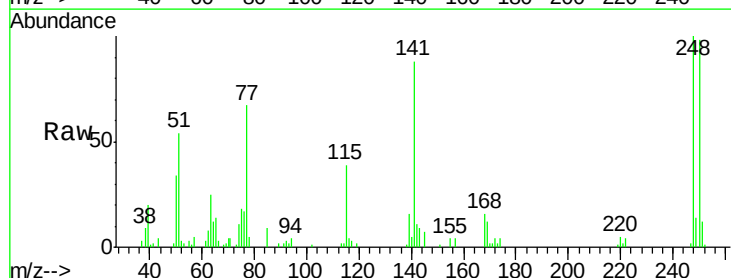
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

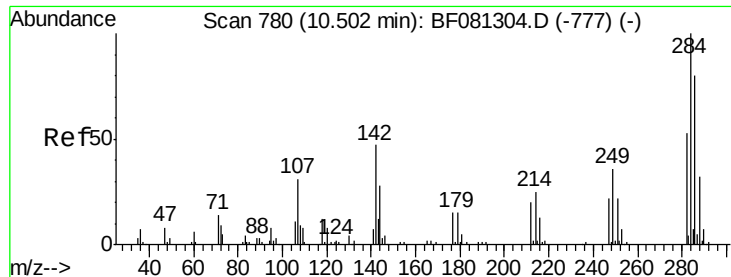
Tot Ion:169 Resp: 180402
Ion Ratio Lower Upper
169 100
168 67.3 48.9 73.3
167 37.1 26.2 39.4



#66
4-Bromophenyl-phenylether
Concen: 51.45 ng
RT: 17.72 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Tgt Ion:248 Resp: 54408
Ion Ratio Lower Upper
248 100
250 97.5 78.5 117.7
141 88.3 59.0 88.6





#67

Hexachlorobenzene

Concen: 48.70 ng

RT: 17.76 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

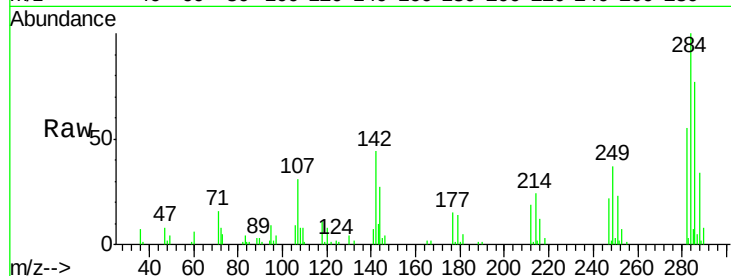
Tot Ion:284 Resp: 53849

Ion Ratio Lower Upper

284 100

142 44.2 29.5 44.3

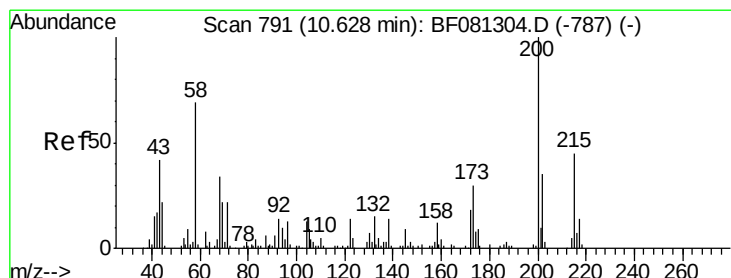
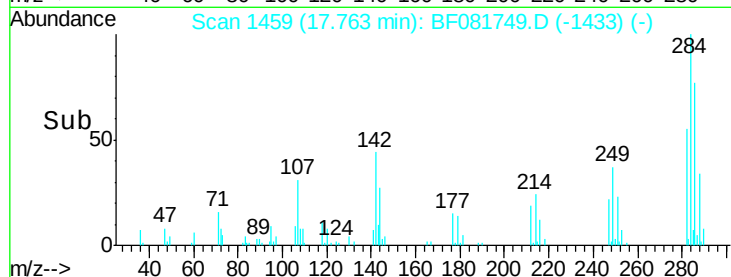
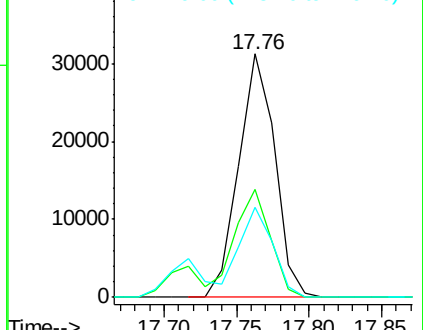
249 36.7 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.78 ng

RT: 18.31 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

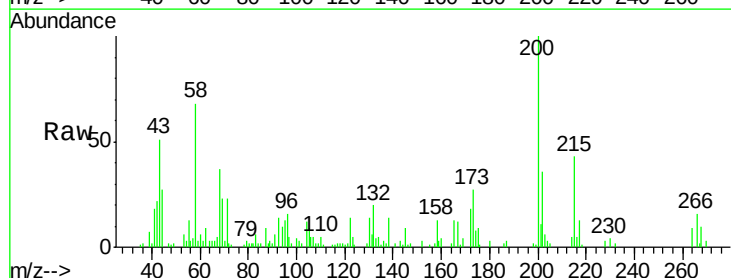
Tgt Ion:200 Resp: 54829

Ion Ratio Lower Upper

200 100

173 26.7 13.2 53.2

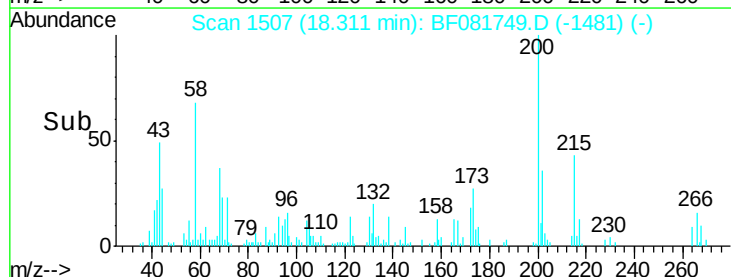
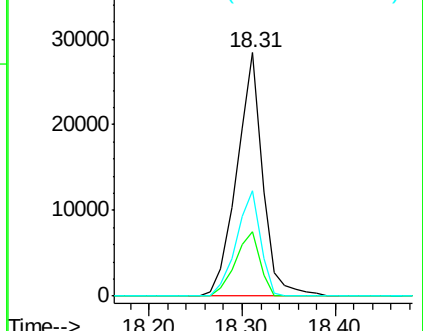
215 43.2 41.8 81.8

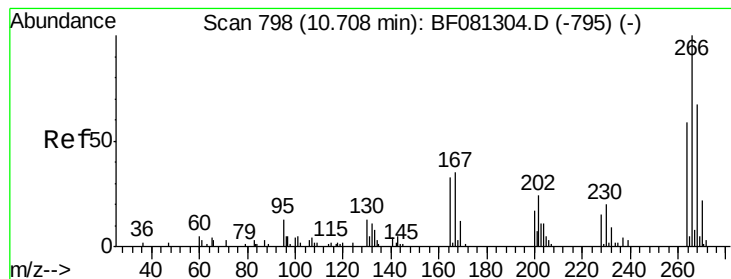


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 62.39 ng

RT: 18.32 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

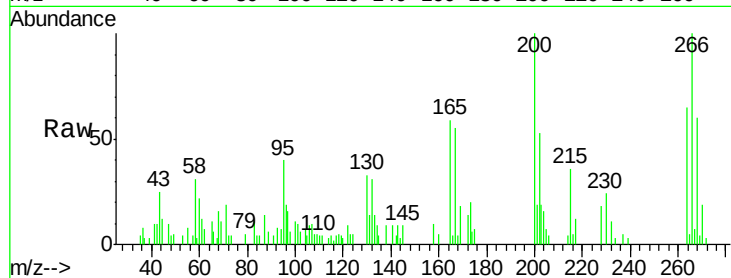
Tot Ion:266 Resp: 32425

Ion Ratio Lower Upper

266 100

268 59.9 49.8 74.6

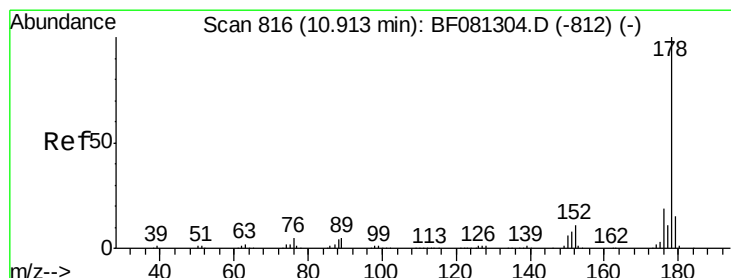
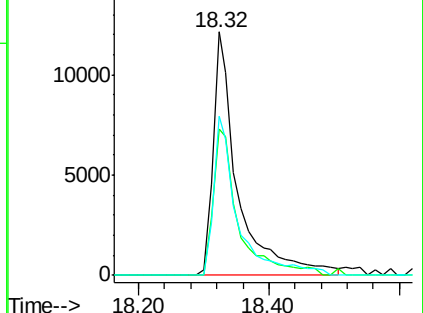
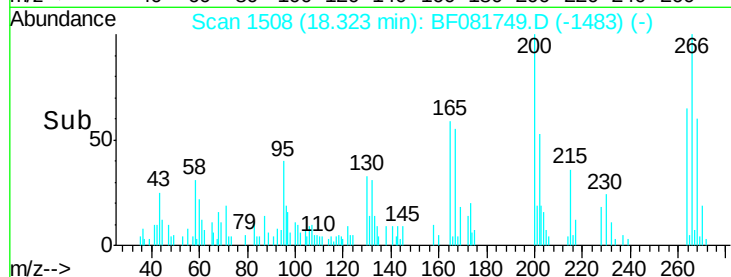
264 65.3 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 61.36 ng

RT: 18.73 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

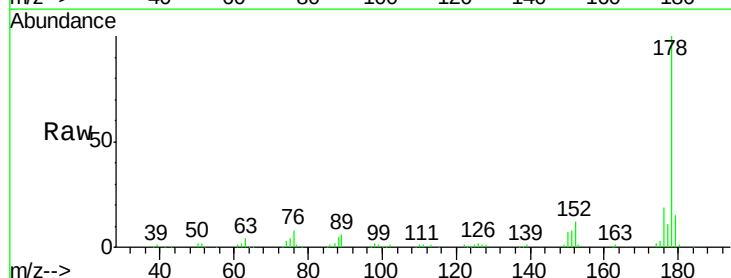
Tgt Ion:178 Resp: 356816

Ion Ratio Lower Upper

178 100

176 19.4 13.8 20.8

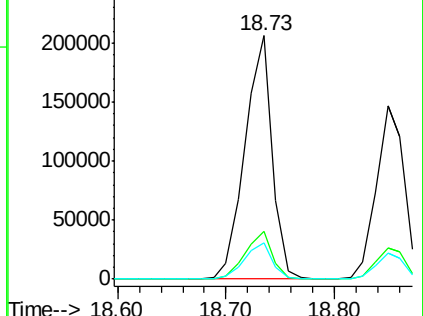
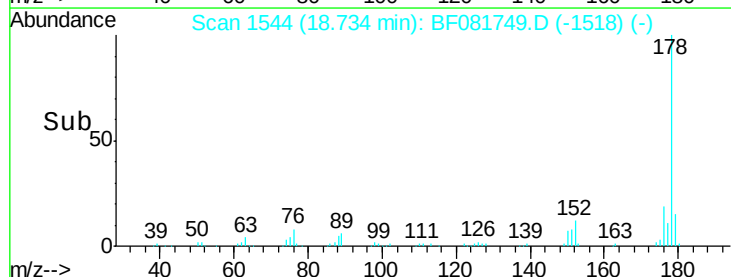
179 14.7 12.2 18.2

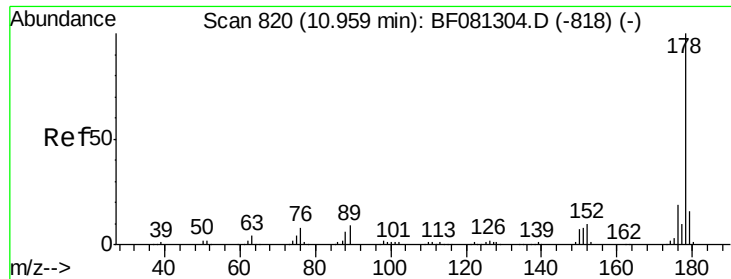


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

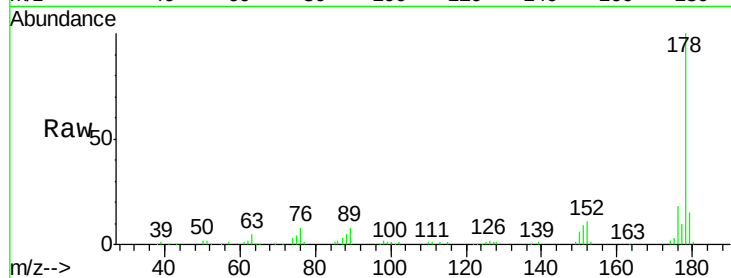




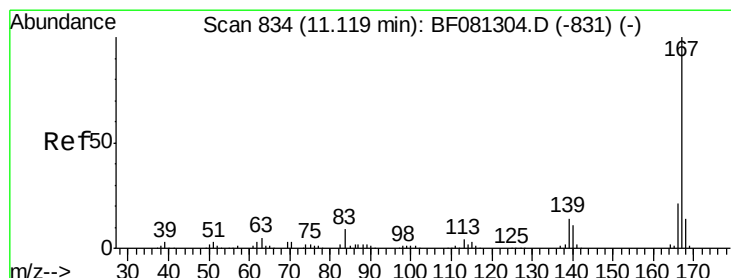
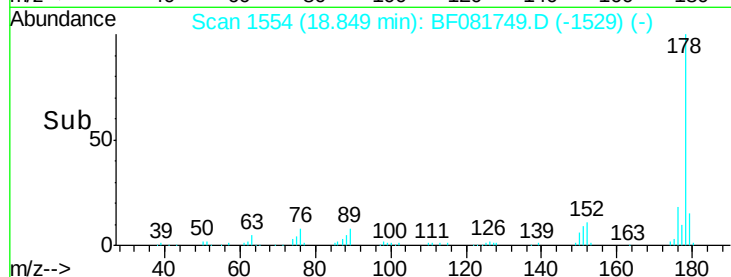
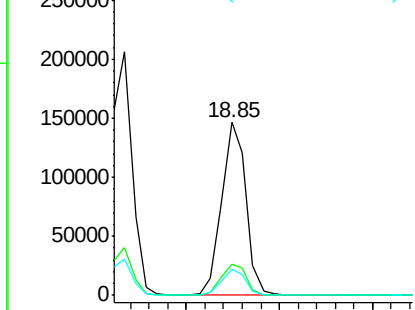
#71
 Anthracene
 Concen: 44.52 ng
 RT: 18.85 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Instrument :
 BNA_F
 ClientSampled :
 SP-1MSD

Tot Ion:178 Resp: 265981
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.1 21.1
 179 14.8 12.2 18.2

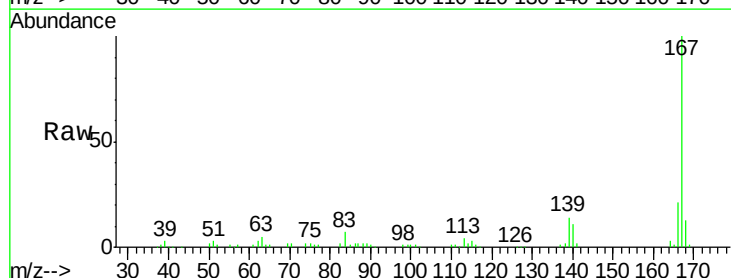


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

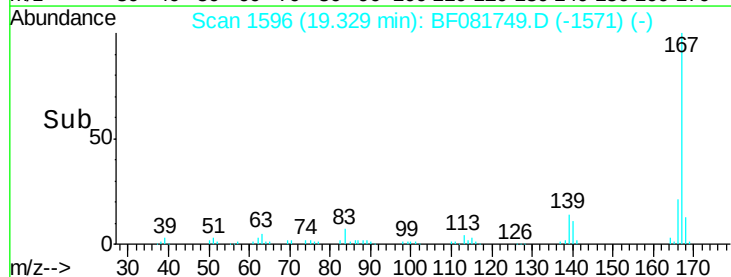
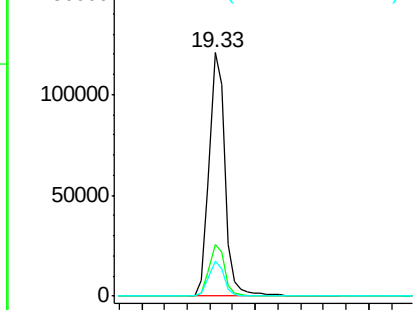


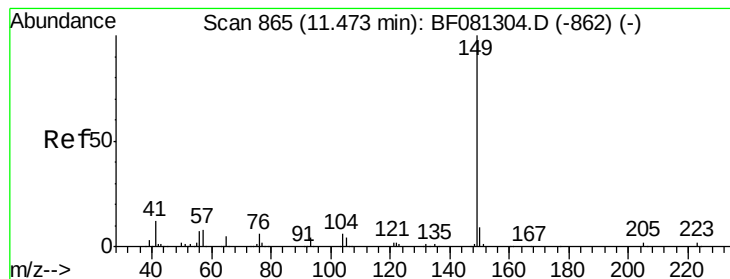
#72
 Carbazole
 Concen: 40.77 ng
 RT: 19.33 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF081749.D
 Acq: 22 Sep 2015 20:39

Tgt Ion:167 Resp: 228565
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.7 23.5
 139 14.1 9.5 14.3



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: 47.65 ng

RT: 20.38 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

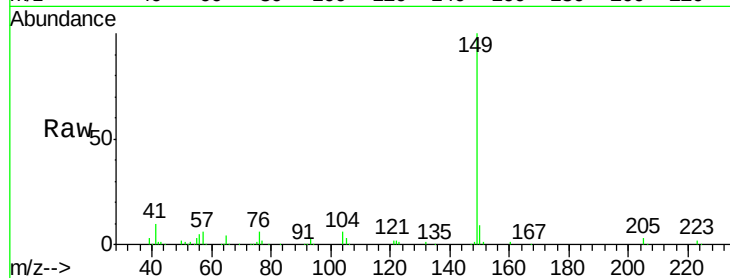
Tot Ion:149 Resp: 315424

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

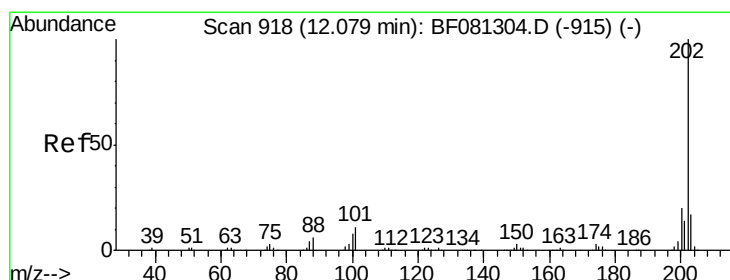
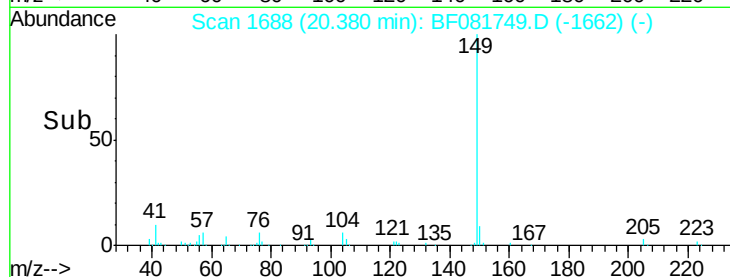
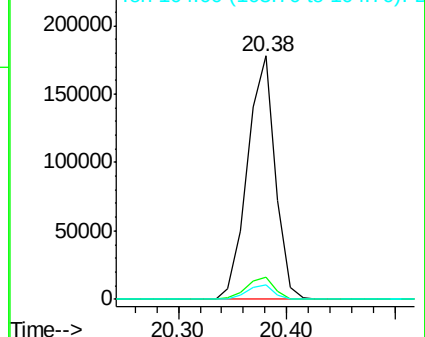
104 5.7 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.59 ng

RT: 21.36 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

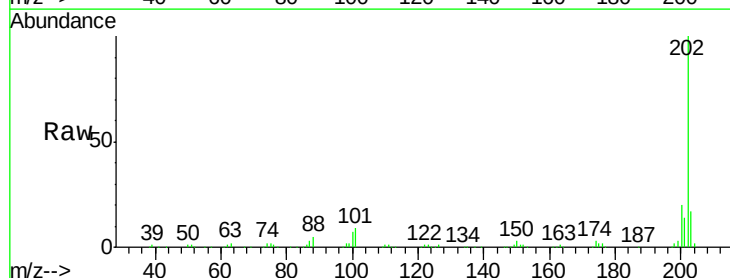
Tgt Ion:202 Resp: 324771

Ion Ratio Lower Upper

202 100

101 9.0 0.0 38.3

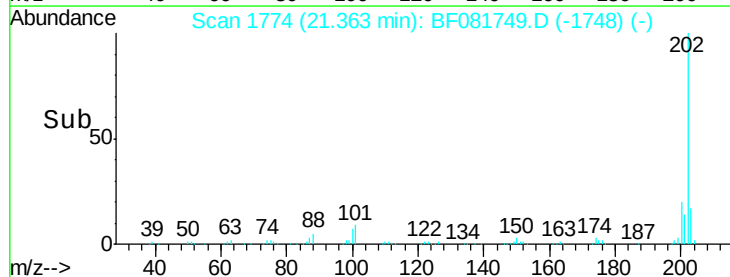
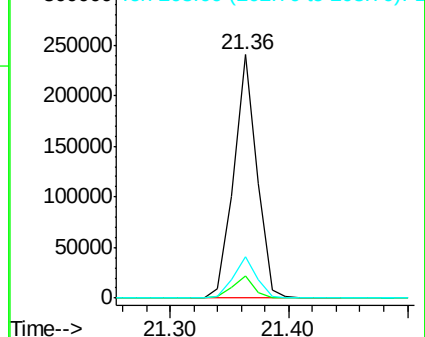
203 17.2 0.0 37.3

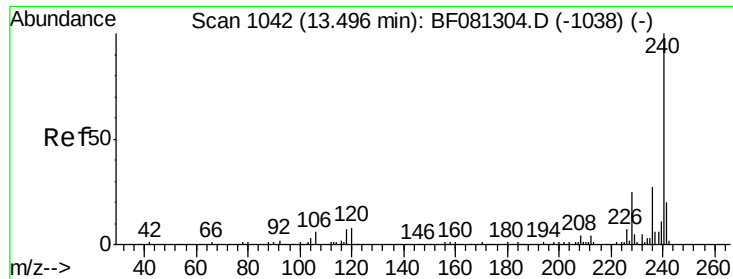


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.33 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

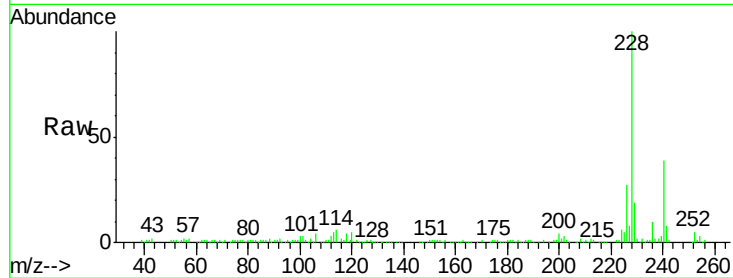
Tot Ion:240 Resp: 70340

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

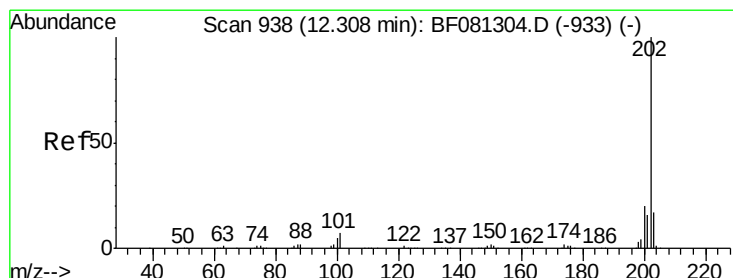
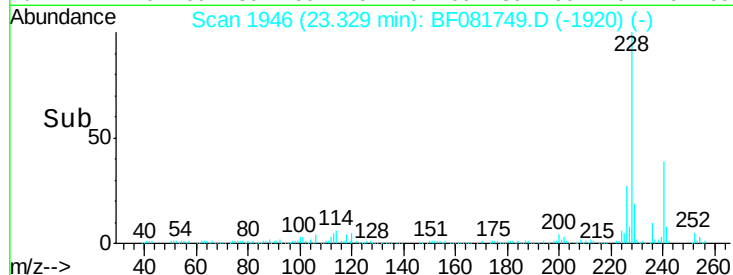
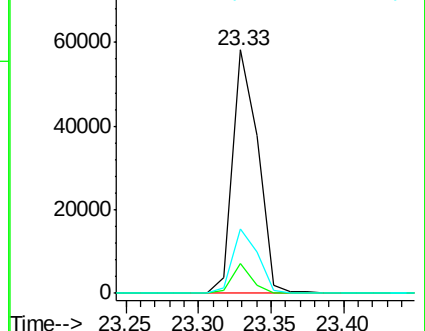
236 26.5 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 58.23 ng

RT: 21.72 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

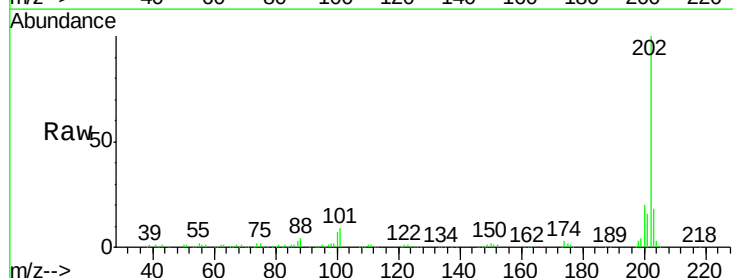
Tgt Ion:202 Resp: 303426

Ion Ratio Lower Upper

202 100

200 19.8 15.0 22.4

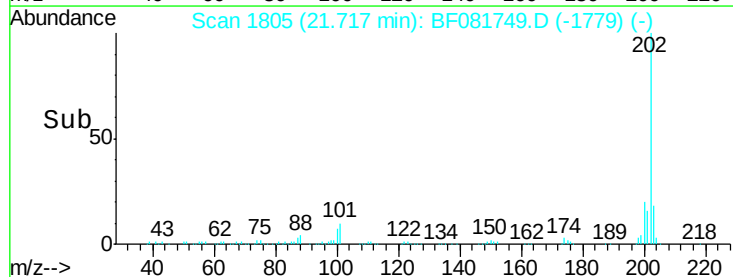
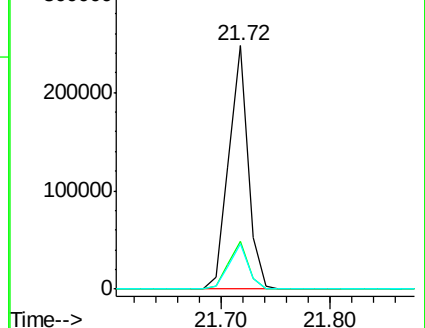
203 18.4 14.1 21.1

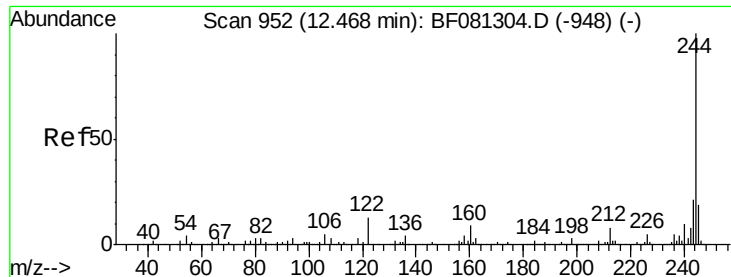


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.88 ng

RT: 22.05 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

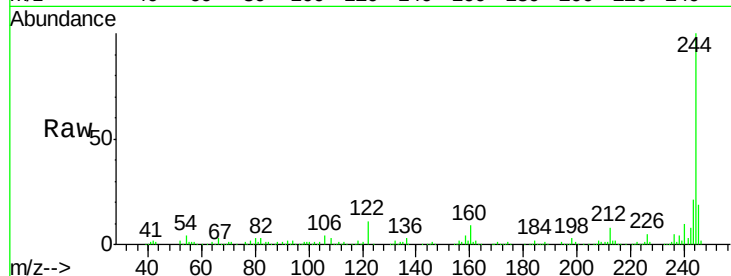
Tot Ion:244 Resp: 277621

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

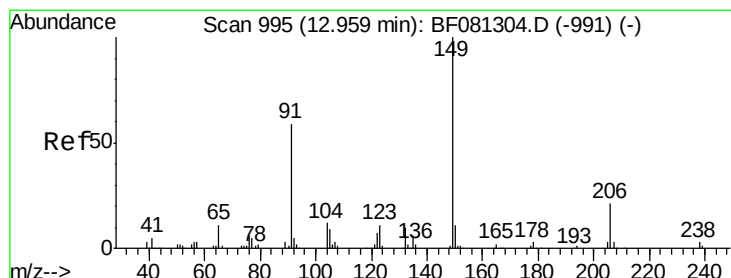
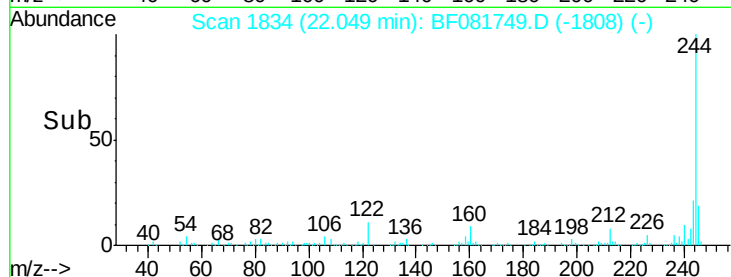
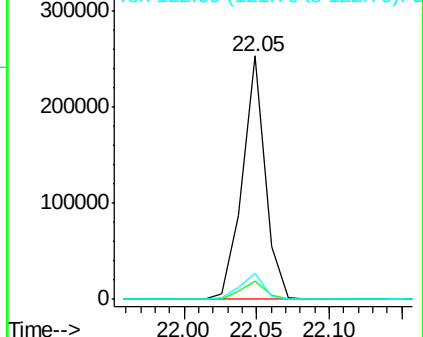
122 10.5 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 44.57 ng

RT: 22.75 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

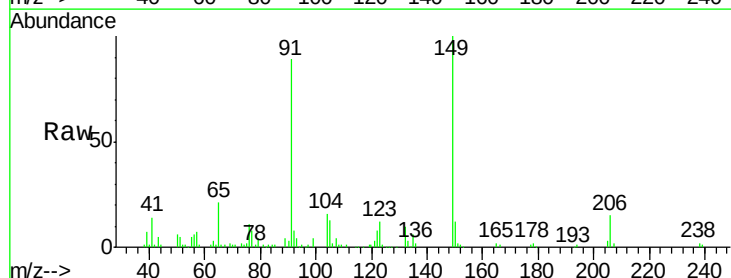
Tgt Ion:149 Resp: 101001

Ion Ratio Lower Upper

149 100

91 88.9 48.6 72.8#

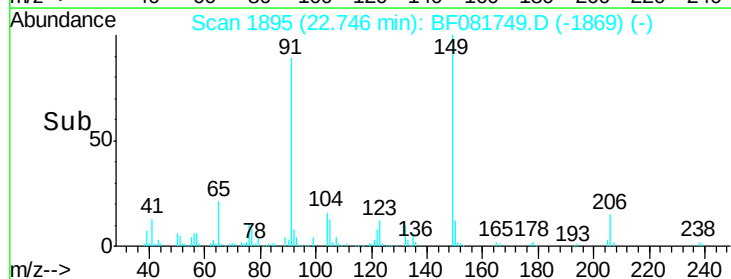
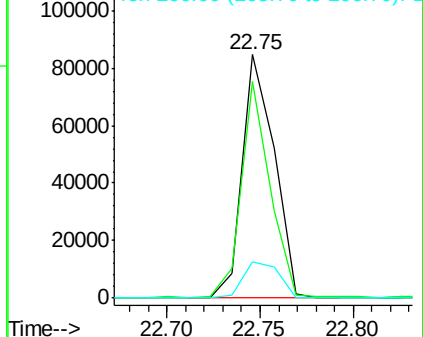
206 14.7 14.9 22.3#

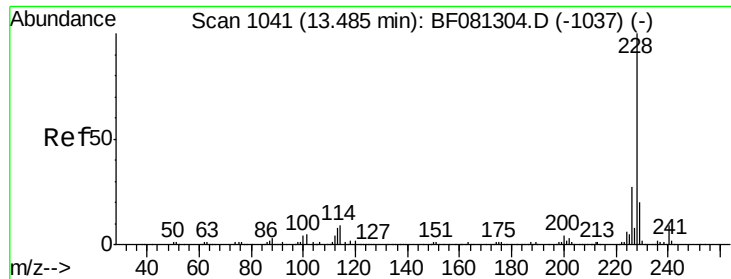


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

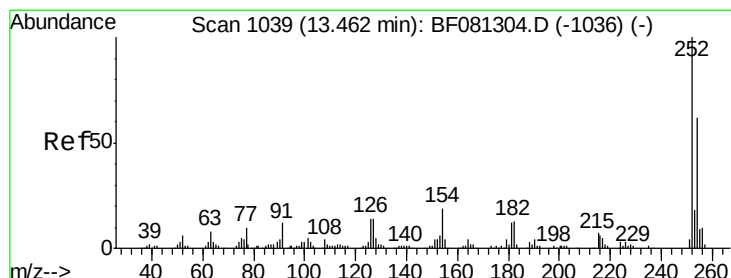
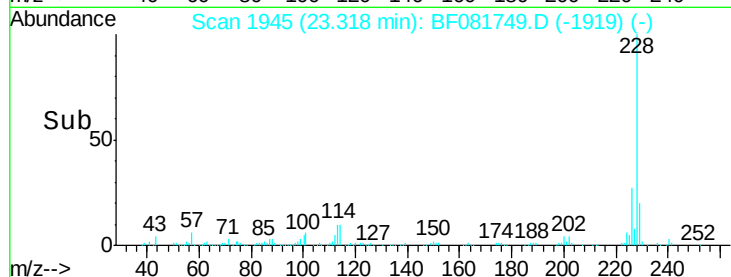
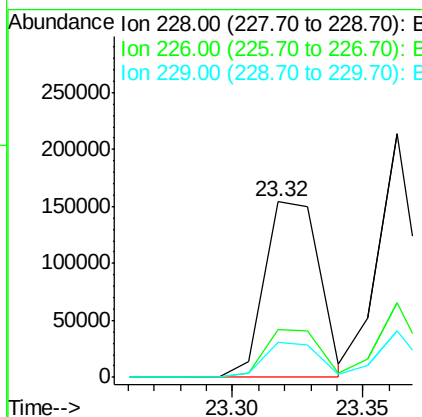
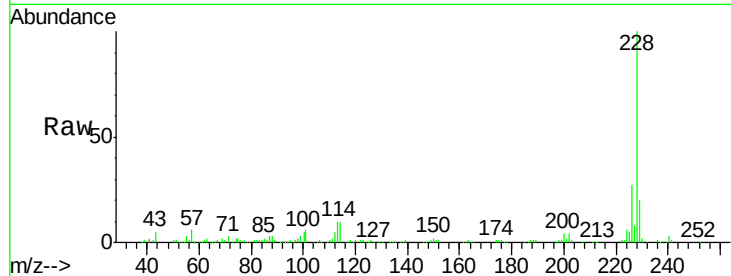




#80
Benzo(a)anthracene
Concen: 50.28 ng
RT: 23.32 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

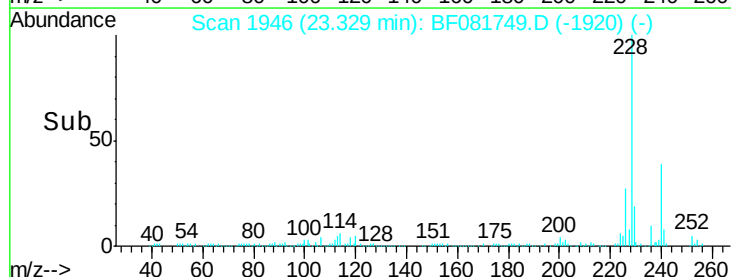
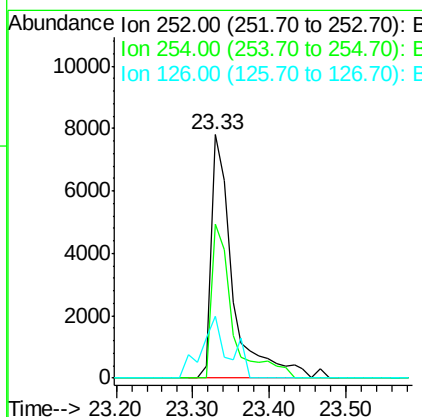
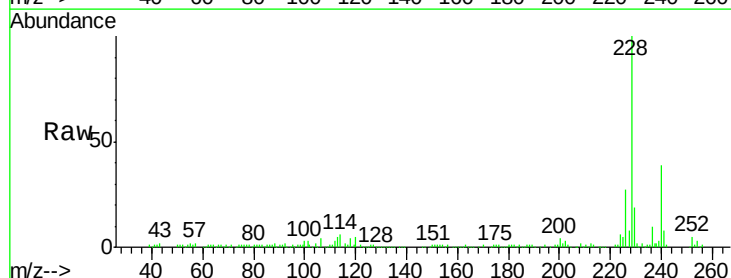
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

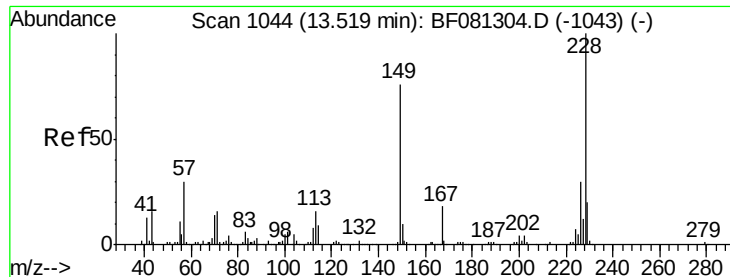
Tot Ion:228 Resp: 225243
Ion Ratio Lower Upper
228 100
226 27.5 20.0 30.0
229 19.9 15.4 23.2



#81
3,3'-Dichlorobenzidine
Concen: 10.06 ng
RT: 23.33 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Tgt Ion:252 Resp: 15196
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.2
126 25.4 16.4 24.6#





#82

Chrysene

Concen: 51.74 ng

RT: 23.36 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

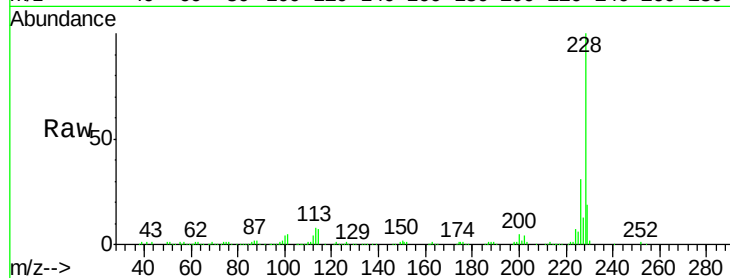
Tot Ion:228 Resp: 207743

Ion Ratio Lower Upper

228 100

226 30.7 21.0 31.4

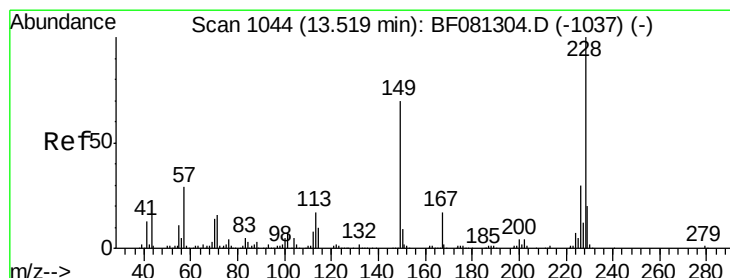
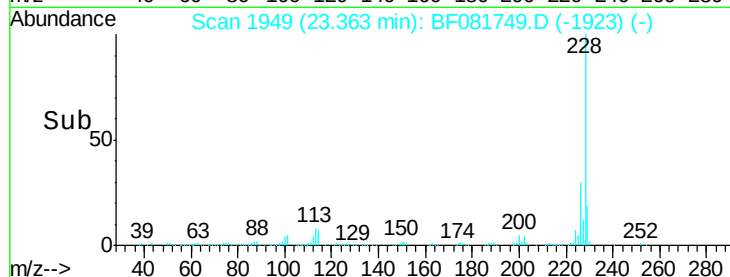
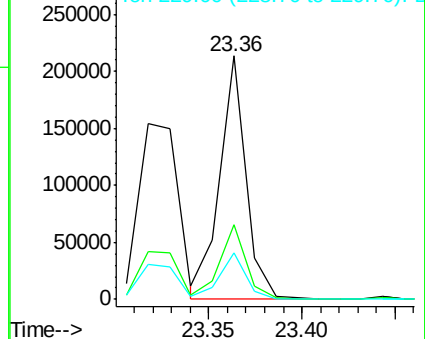
229 19.2 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.12 ng

RT: 23.44 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

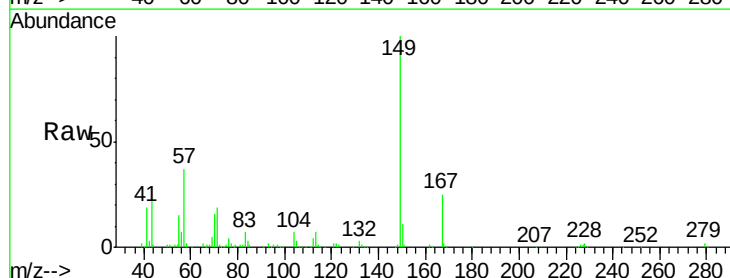
Tgt Ion:149 Resp: 134934

Ion Ratio Lower Upper

149 100

167 24.6 24.2 36.2

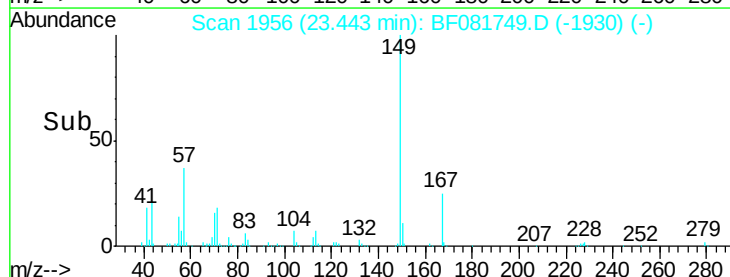
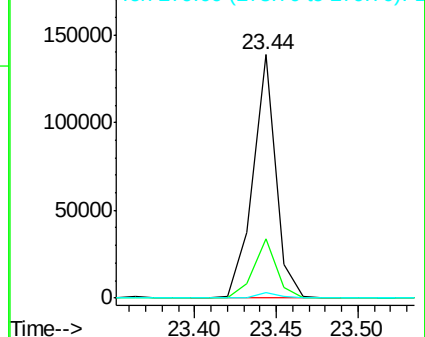
279 2.2 3.8 5.6#

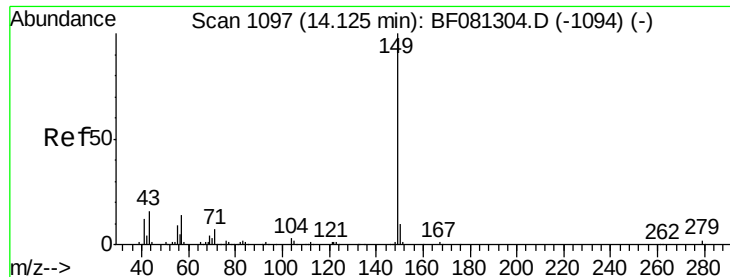


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 47.57 ng

RT: 24.11 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

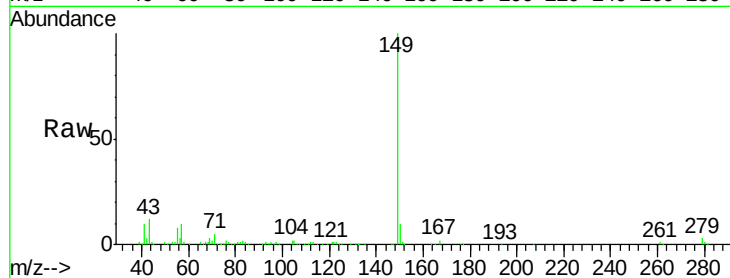
Tot Ion:149 Resp: 234248

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

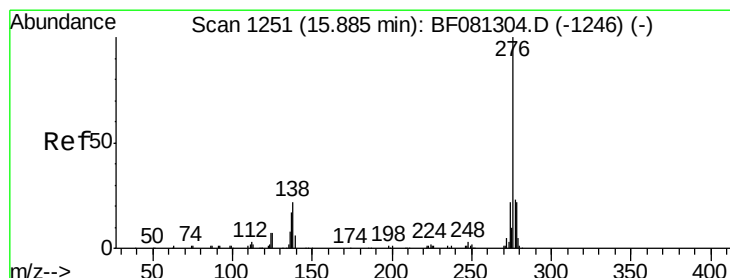
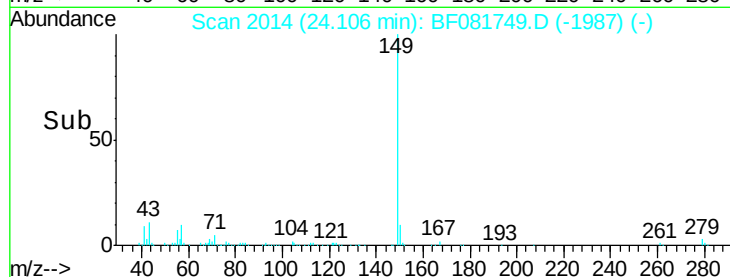
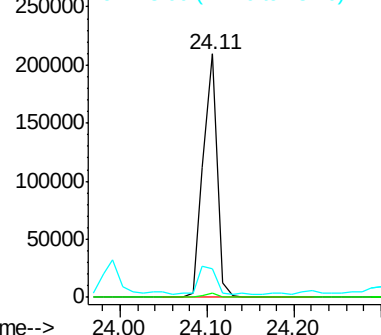
43 14.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 66.90 ng

RT: 25.81 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

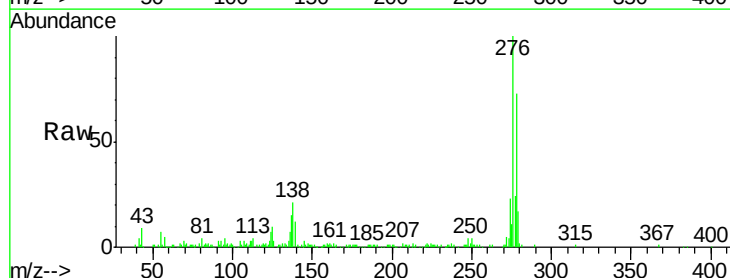
Tgt Ion:276 Resp: 197082

Ion Ratio Lower Upper

276 100

138 20.6 25.7 38.5#

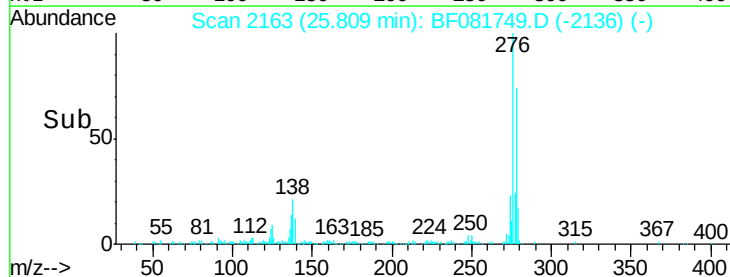
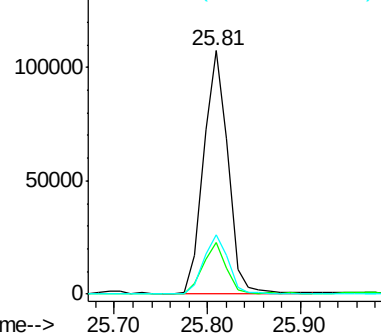
277 24.6 15.6 23.4#

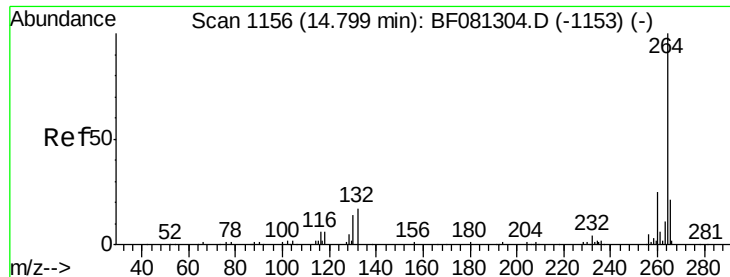


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



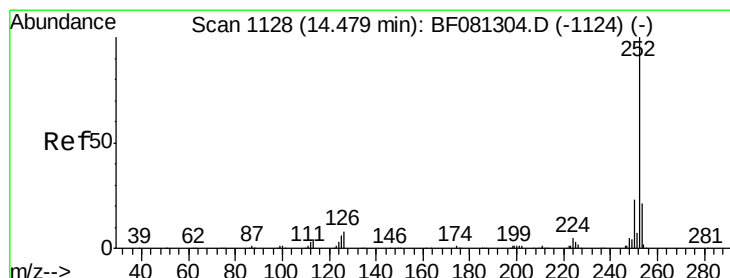
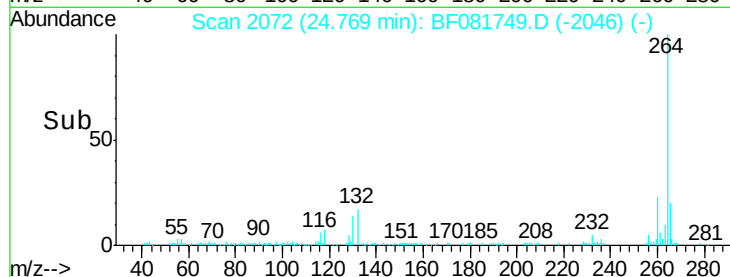
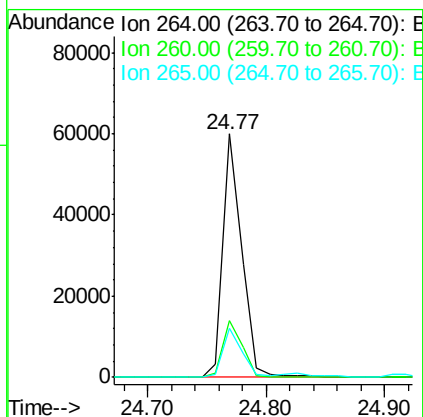
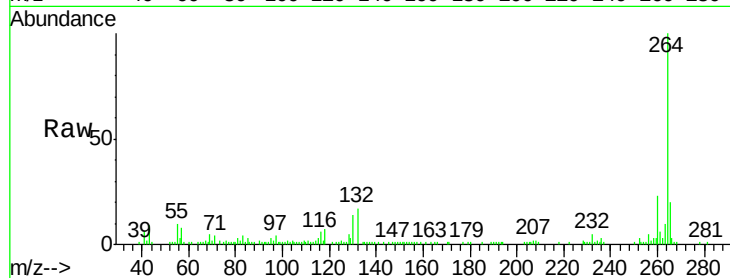


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:264 Resp: 65524

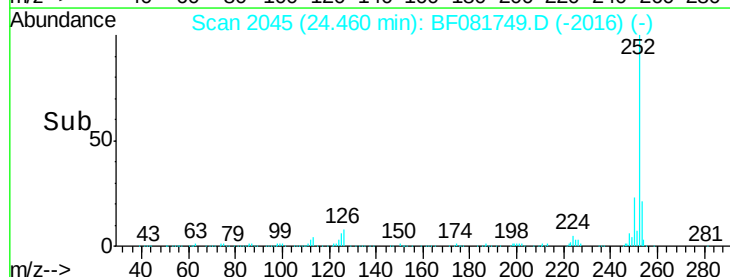
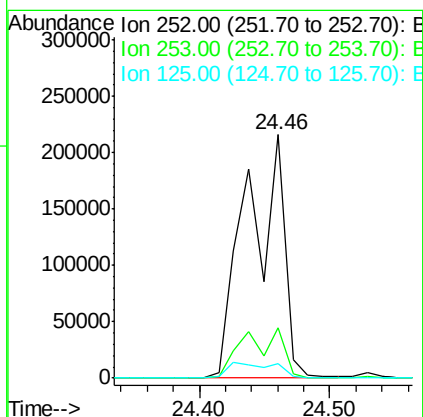
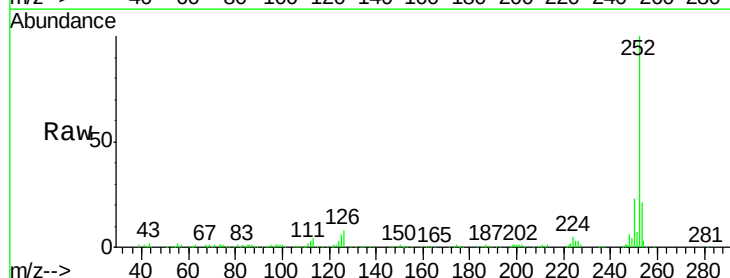
Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	20.2	17.2	25.8

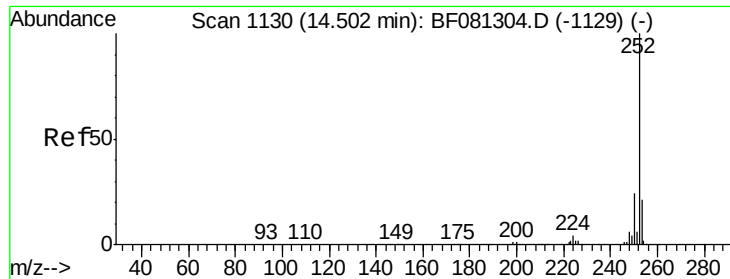


#87
Benzo(b)fluoranthene
Concen: 91.82 ng
RT: 24.46 min Scan# 2045
Delta R.T. 0.03 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Tgt Ion:252 Resp: 429545

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.5	26.3
125	6.1	17.1	25.7#

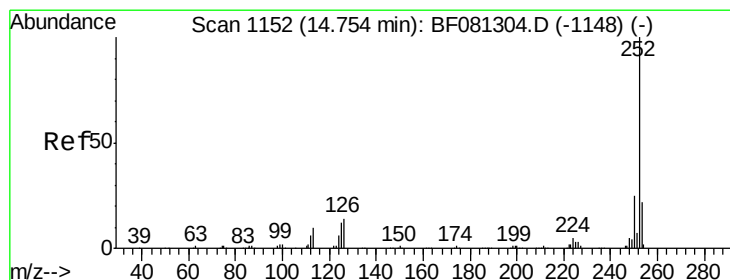
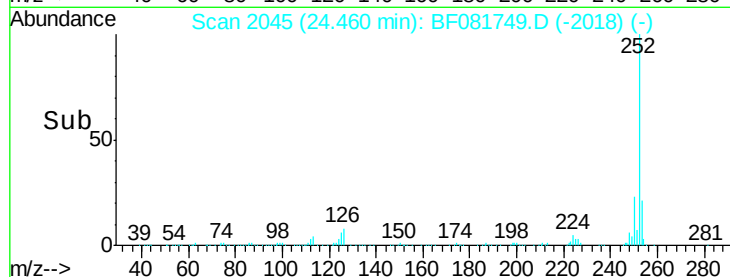
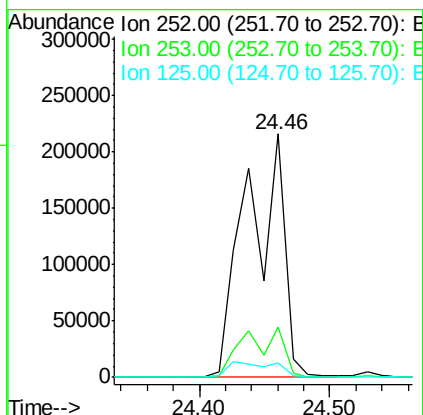
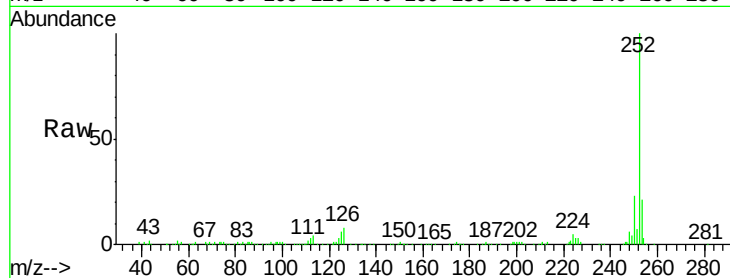




#88
Benzo(k)fluoranthene
Concen: 110.66 ng
RT: 24.46 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

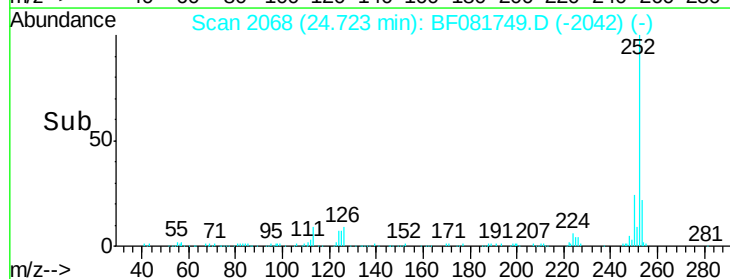
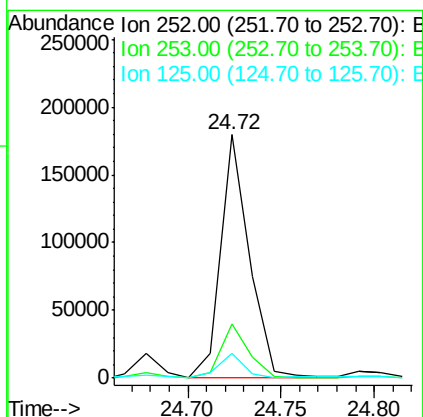
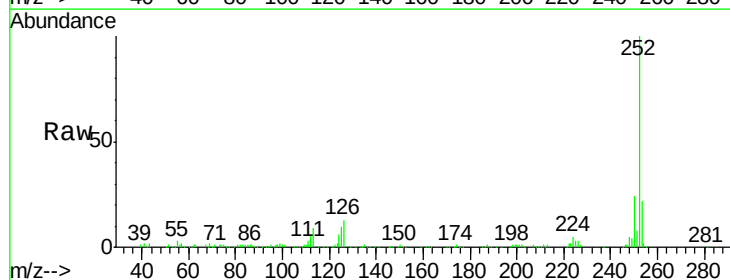
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

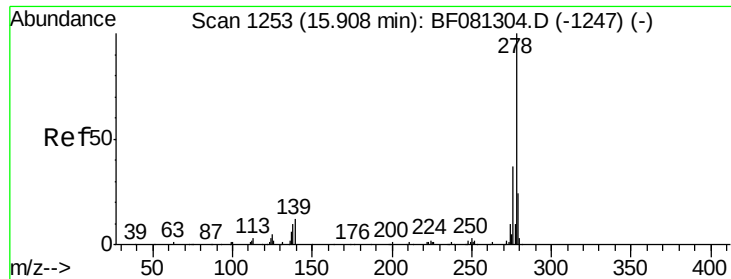
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.0	25.4
125	6.1	16.0	24.0#



#89
Benzo(a)pyrene
Concen: 48.47 ng
RT: 24.72 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BF081749.D
Acq: 22 Sep 2015 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.4	18.0	27.0#





#90

Dibenzo(a,h)anthracene

Concen: 51.31 ng

RT: 25.82 min Scan# 2164

Delta R.T. 0.02 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

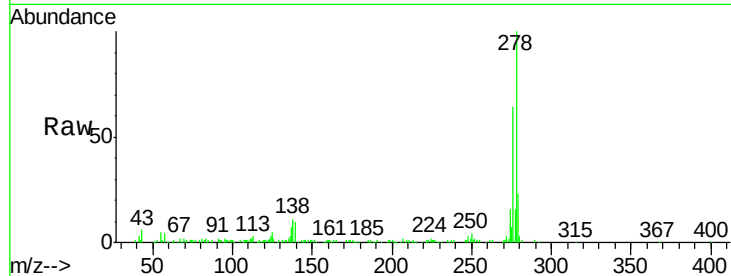
Tot Ion:278 Resp: 157155

Ion Ratio Lower Upper

278 100

139 10.2 26.3 39.5#

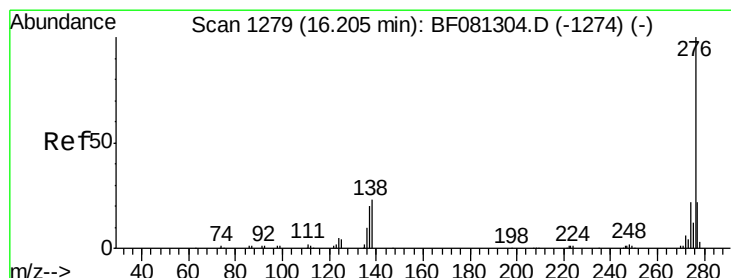
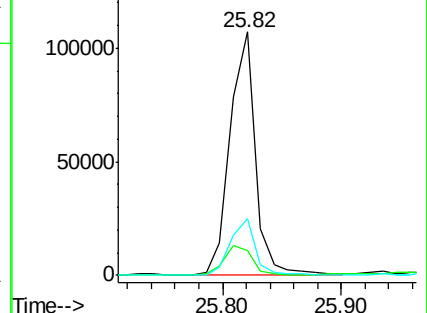
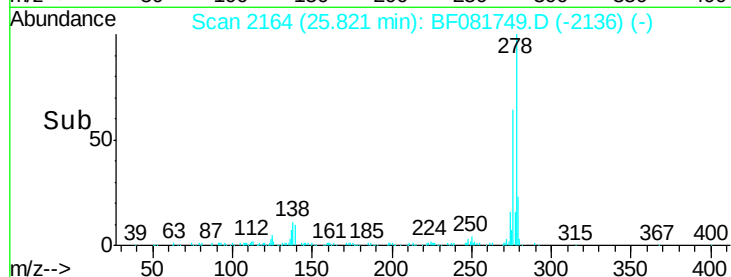
279 23.2 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 51.68 ng

RT: 26.11 min Scan# 2189

Delta R.T. 0.02 min

Lab File: BF081749.D

Acq: 22 Sep 2015 20:39

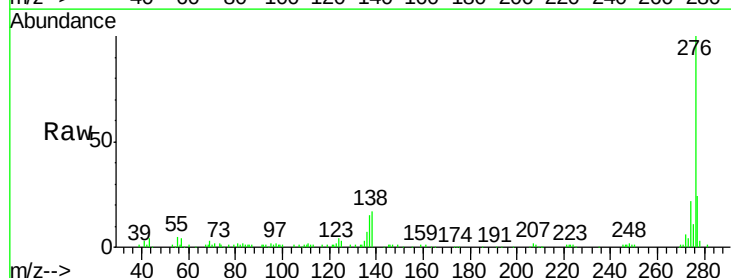
Tgt Ion:276 Resp: 151095

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.6

138 17.4 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

