

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081648.D
 Acq On : 16 Sep 2015 14:20
 Operator : UM/IZ
 Sample : PB85464BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

Quant Time: Sep 17 02:19:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45632	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	182491	20.00	ng	-0.03
38) Acenaphthene-d10	15.22	164	88997	20.00	ng	-0.03
63) Phenanthrene-d10	18.73	188	184905	20.00	ng	-0.02
75) Chrysene-d12	23.36	240	148937	20.00	ng	-0.02
86) Perylene-d12	24.79	264	99178	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	338729	115.17	ng	0.01
7) Phenol-d6	7.62	99	467141	119.99	ng	-0.02
23) Nitrobenzene-d5	9.50	82	310340	82.05	ng	-0.03
41) 2,4,6-Tribromophenol	17.13	330	100375	126.67	ng	-0.03
44) 2-Fluorobiphenyl	13.74	172	546913	78.75	ng	-0.03
78) Terphenyl-d14	22.09	244	578556	90.43	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.53	88	9327	7.06	ng	# 11
3) Pyridine	2.14	79	110178	30.25	ng	# 81
4) n-Nitrosodimethylamine	2.10	42	86655	42.83	ng	# 59
6) Aniline	7.49	93	136592	24.85	ng	# 82
8) 2-Chlorophenol	7.74	128	125153	38.62	ng	# 75
9) Benzaldehyde	7.21	77	58972	24.18	ng	# 75
10) Phenol	7.65	94	161520	35.78	ng	# 56
11) bis(2-Chloroethyl)ether	7.73	93	126794	38.93	ng	# 75
12) 1,3-Dichlorobenzene	8.05	146	124632	35.99	ng	# 90
13) 1,4-Dichlorobenzene	8.23	146	126204	35.79	ng	# 90
14) 1,2-Dichlorobenzene	8.55	146	122155	38.48	ng	# 91
15) Benzyl Alcohol	8.63	79	126972	39.76	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.95	45	274258	43.93	ng	# 89
17) 2-Methylphenol	8.97	107	101355	39.19	ng	# 79
18) Hexachloroethane	9.28	117	51968	37.89	ng	# 87
19) n-Nitroso-di-n-propylamine	9.26	70	104449	39.42	ng	# 91
20) 3+4-Methylphenols	9.35	107	134343	38.53	ng	# 84
22) Acetophenone	9.18	105	189616	38.04	ng	# 73
24) Nitrobenzene	9.53	77	155148	39.50	ng	# 64
25) Isophorone	10.13	82	271562	38.60	ng	# 85
26) 2-Nitrophenol	10.26	139	61313	35.81	ng	# 23
27) 2,4-Dimethylphenol	10.54	122	112662	38.10	ng	# 73
28) bis(2-Chloroethoxy)methane	10.72	93	159071	39.14	ng	# 91
29) 2,4-Dichlorophenol	10.88	162	100156	39.06	ng	# 94
30) 1,2,4-Trichlorobenzene	10.99	180	107657	38.65	ng	# 94
31) Naphthalene	11.13	128	368780	37.89	ng	# 98
32) Benzoic acid	11.04	122	61242	30.02	ng	# 53
33) 4-Chloroaniline	11.37	127	85424	21.52	ng	# 81
34) Hexachlorobutadiene	11.50	225	69002	40.70	ng	# 98
35) Caprolactam	12.40	113	14348	18.24	ng	# 30
36) 4-Chloro-3-methylphenol	12.70	107	125541	43.74	ng	# 75
37) 2-Methylnaphthalene	12.79	142	247716	39.11	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	107548	38.21	ng	# 97
40) Hexachlorocyclopentadiene	13.18	237	107441	77.78	ng	# 95

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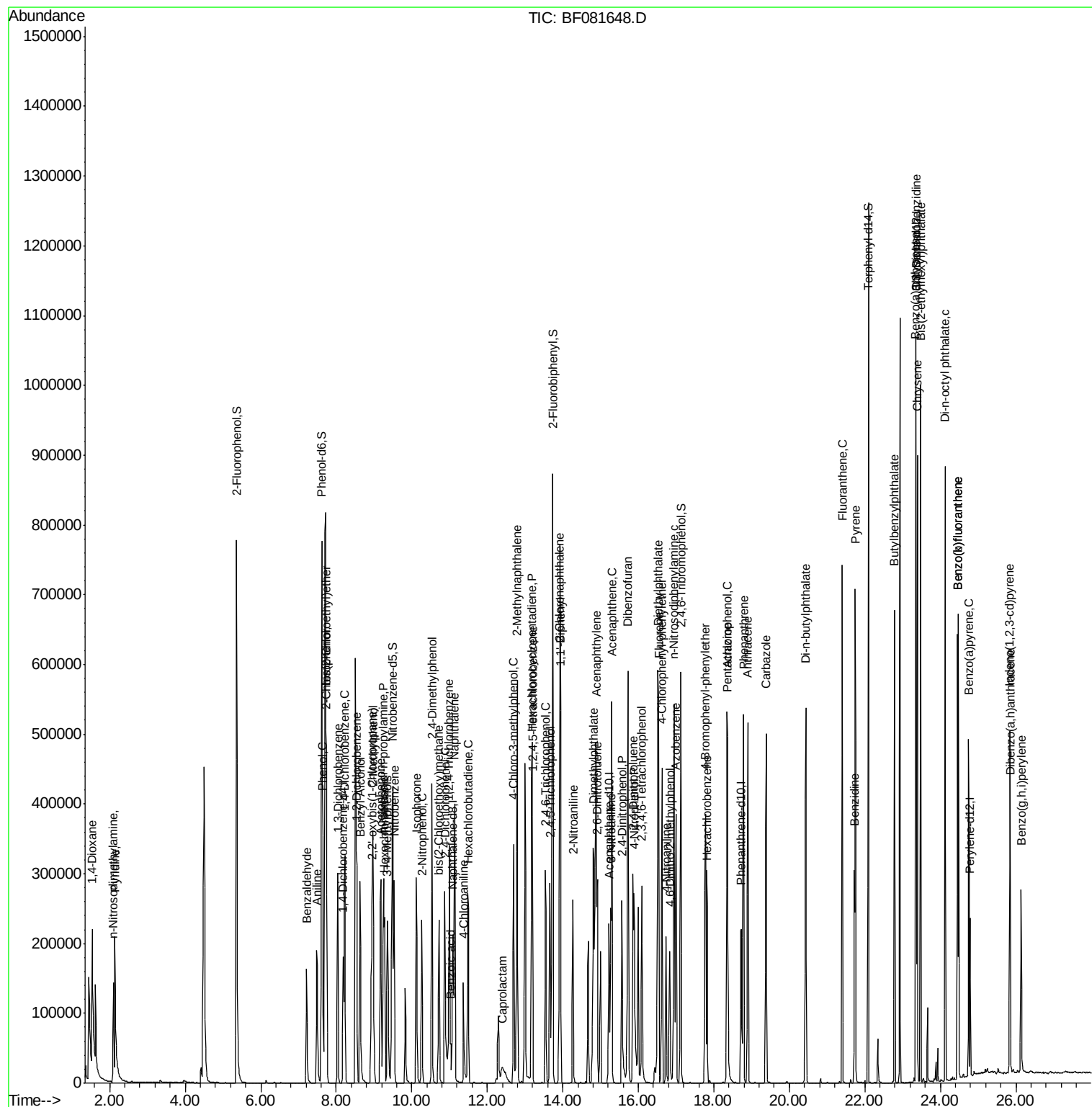
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.54	196	72368	37.26	ng	98
43) 2,4,5-Trichlorophenol	13.66	196	76492	38.60	ng #	90
45) 1,1'-Biphenyl	13.94	154	300743	36.73	ng	96
46) 2-Chloronaphthalene	13.92	162	223051	37.72	ng #	87
47) 2-Nitroaniline	14.28	65	96354	39.98	ng #	62
48) Acenaphthylene	14.88	152	388454	37.03	ng	97
49) Dimethylphthalate	14.81	163	276018	39.92	ng #	97
50) 2,6-Dinitrotoluene	14.92	165	57633	36.72	ng #	46
51) Acenaphthene	15.30	154	221603	37.13	ng	91
52) 3-Nitroaniline	15.27	138	43192	24.18	ng #	51
53) 2,4-Dinitrophenol	15.57	184	60418	75.80	ng #	26
54) Dibenzofuran	15.73	168	344215	39.50	ng #	85
55) 4-Nitrophenol	15.89	139	83127	74.06	ng #	1
56) 2,4-Dinitrotoluene	15.86	165	80013	40.04	ng #	49
57) Fluorene	16.54	166	274848	41.56	ng	95
58) 2,3,4,6-Tetrachlorophenol	16.09	232	61313	40.53	ng	89
59) Diethylphthalate	16.52	149	310684	42.72	ng	95
60) 4-Chlorophenyl-phenylether	16.63	204	132057	42.85	ng #	85
61) 4-Nitroaniline	16.74	138	57740	31.99	ng #	23
62) Azobenzene	17.00	77	342568	42.36	ng	82
64) 4,6-Dinitro-2-methylphenol	16.84	198	40445	39.11	ng	86
65) n-Nitrosodiphenylamine	16.95	169	239256	35.56	ng	92
66) 4-Bromophenyl-phenylether	17.77	248	74058	39.61	ng #	89
67) Hexachlorobenzene	17.83	284	76971	39.37	ng #	89
68) Atrazine	18.36	200	88155	45.28	ng #	79
69) Pentachlorophenol	18.37	266	69917	74.18	ng	99
70) Phenanthrene	18.79	178	399143	38.83	ng	97
71) Anthracene	18.90	178	403274	38.18	ng	98
72) Carbazole	19.38	167	371125	37.45	ng	97
73) Di-n-butylphthalate	20.44	149	503369	43.01	ng #	98
74) Fluoranthene	21.41	202	440890	39.62	ng	88
76) Benzidine	21.72	184	189405	29.62	ng	96
77) Pyrene	21.75	202	448488	40.65	ng	98
79) Butylbenzylphthalate	22.78	149	206739	43.09	ng #	71
80) Benzo(a)anthracene	23.35	228	377084	39.76	ng	96
81) 3,3'-Dichlorobenzidine	23.36	252	87400	27.32	ng #	93
82) Chrysene	23.40	228	356334	41.91	ng	96
83) Bis(2-ethylhexyl)phthalate	23.48	149	297828	47.04	ng #	91
84) Di-n-octyl phthalate	24.13	149	442053	42.40	ng	95
85) Indeno(1,2,3-cd)pyrene	25.84	276	223109	35.77	ng #	84
87) Benzo(b)fluoranthene	24.46	252	533248	75.31	ng #	86
88) Benzo(k)fluoranthene	24.46	252	533248	90.76	ng #	86
89) Benzo(a)pyrene	24.74	252	248783	41.46	ng #	88
90) Dibenzo(a,h)anthracene	25.85	278	188212	40.60	ng #	76
91) Benzo(g,h,i)perylene	26.14	276	178635	40.37	ng #	73

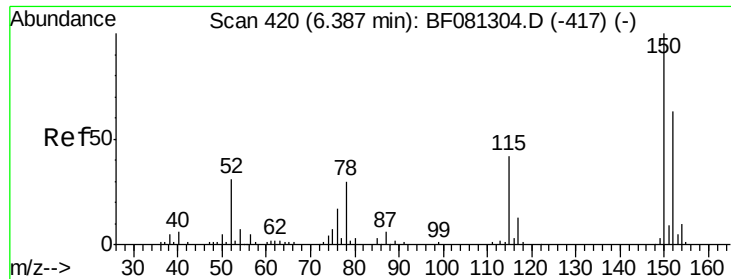
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

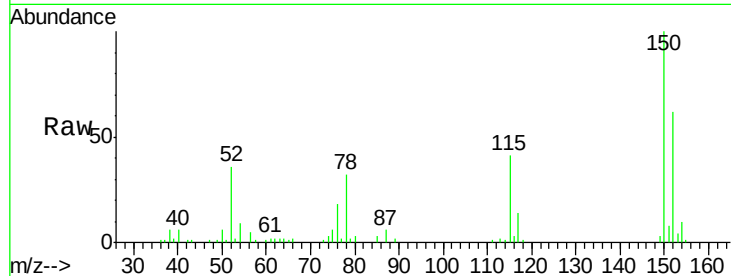
Tgt Ion:152 Resp: 45632

Ion Ratio Lower Upper

152 100

150 160.2 124.7 187.1

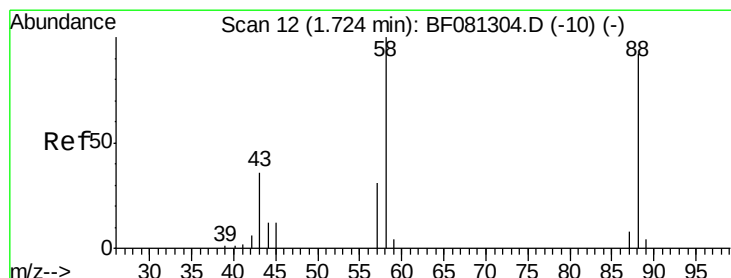
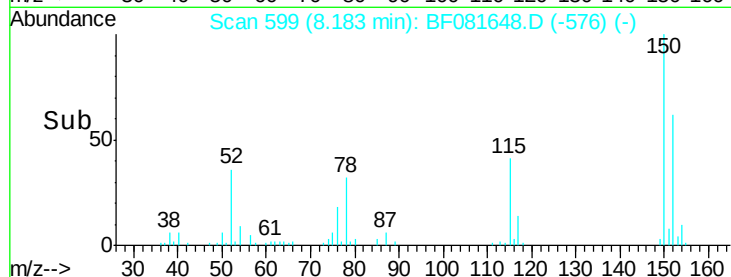
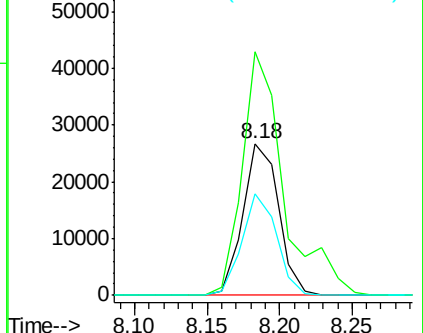
115 66.4 39.0 58.4#



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: 7.06 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

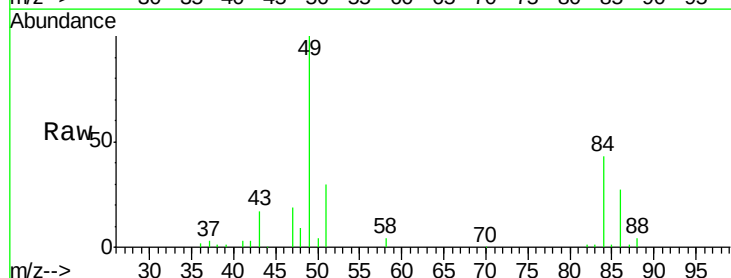
Tgt Ion: 88 Resp: 9327

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

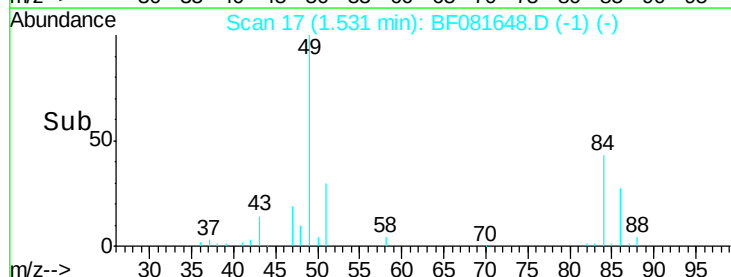
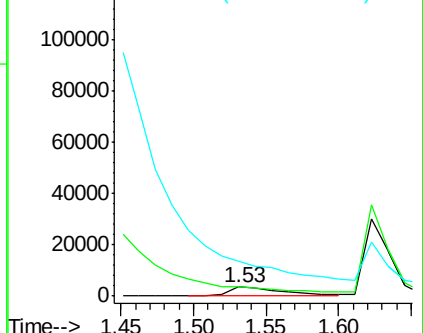
43 0.0 26.6 40.0#

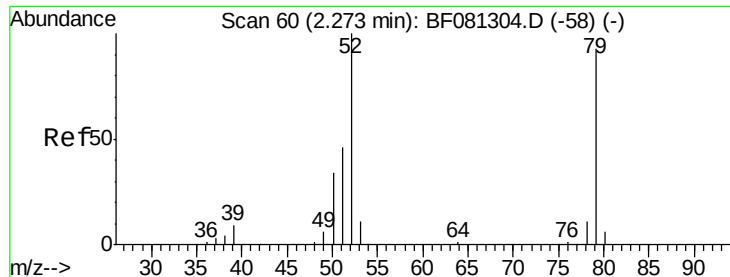


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.25 ng

RT: 2.14 min Scan# 70

Delta R.T. 0.06 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

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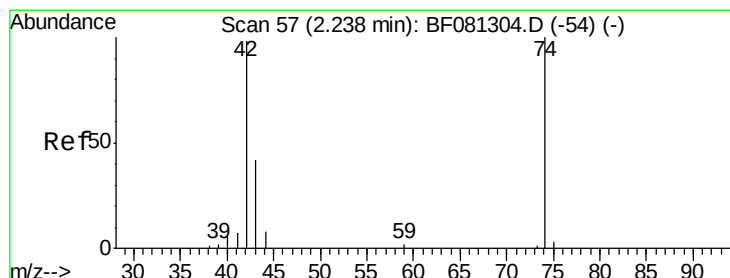
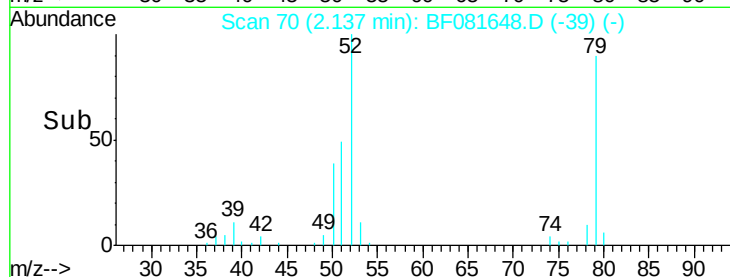
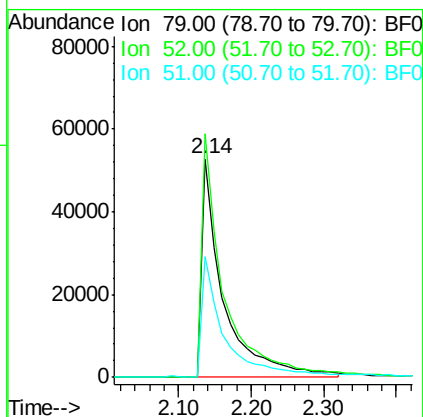
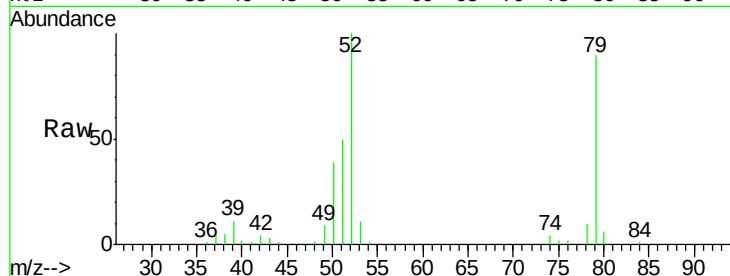
Tgt Ion: 79 Resp: 110178

Ion Ratio Lower Upper

79 100

52 111.6 76.8 115.2

51 55.6 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 42.83 ng

RT: 2.10 min Scan# 67

Delta R.T. 0.05 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

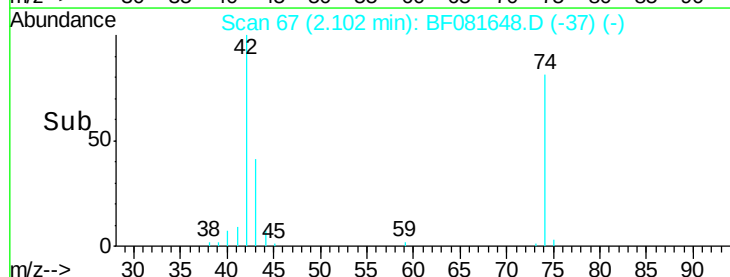
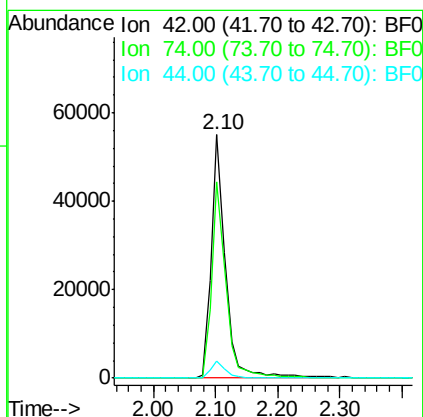
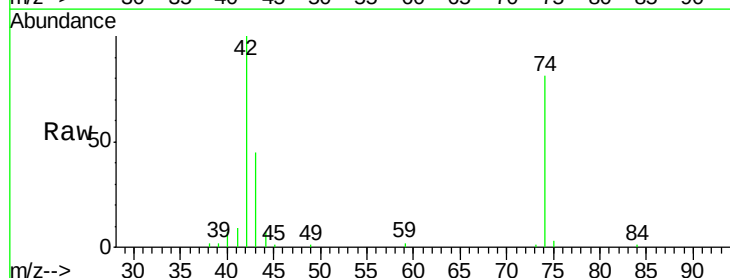
Tgt Ion: 42 Resp: 86655

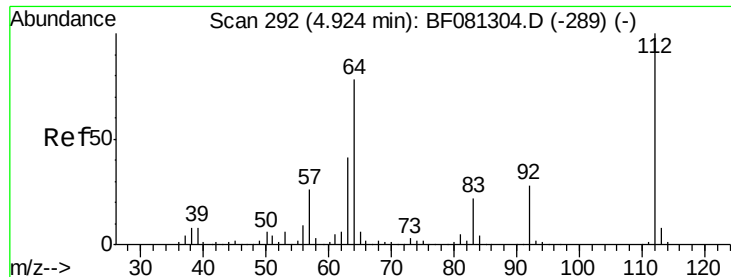
Ion Ratio Lower Upper

42 100

74 80.6 105.0 157.6#

44 7.2 6.6 10.0





#5

2-Fluorophenol

Concen: 115.17 ng

RT: 5.36 min Scan# 352

Delta R.T. 0.01 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

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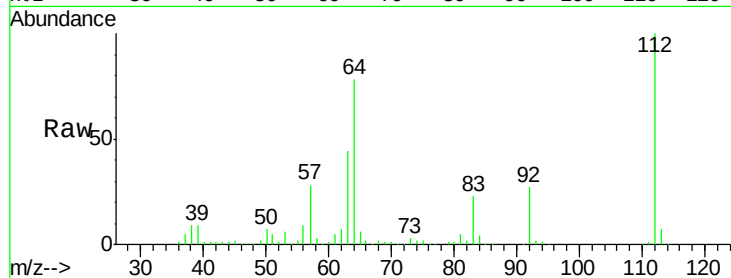
Tgt Ion: 112 Resp: 338729

Ion Ratio Lower Upper

112 100

64 78.4 39.7 59.5#

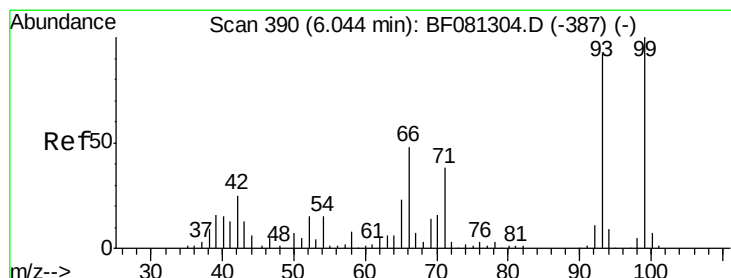
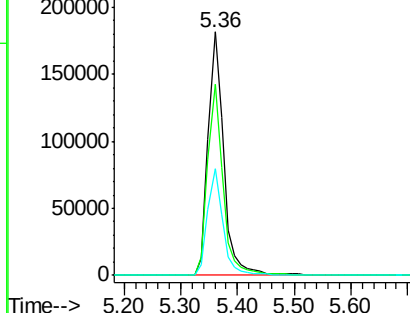
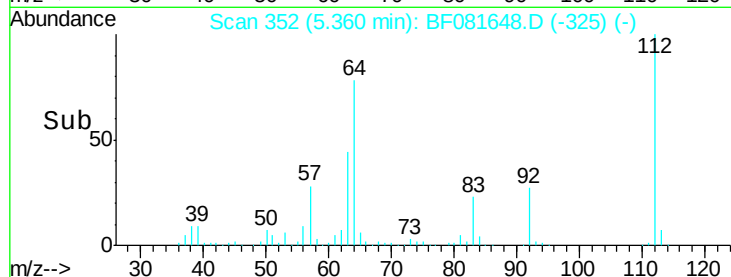
63 44.1 17.4 26.0#



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: 24.85 ng

RT: 7.49 min Scan# 538

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

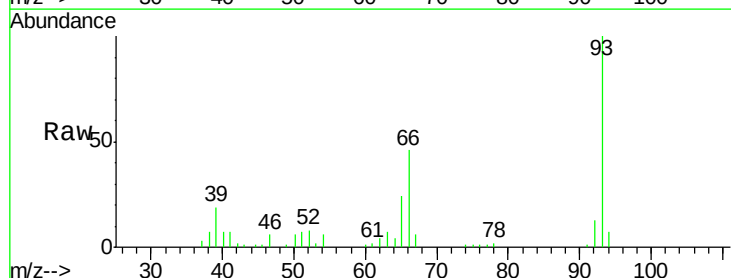
Tgt Ion: 93 Resp: 136592

Ion Ratio Lower Upper

93 100

66 45.6 27.2 40.8#

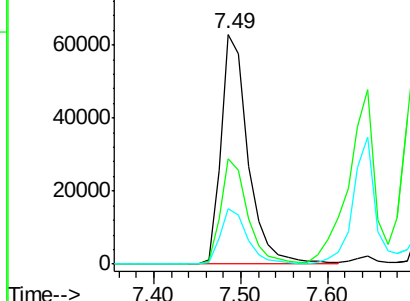
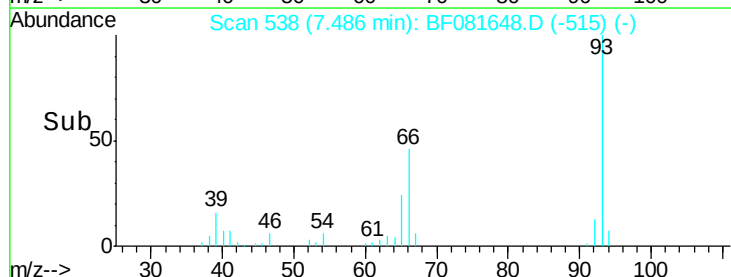
65 24.1 14.7 22.1#

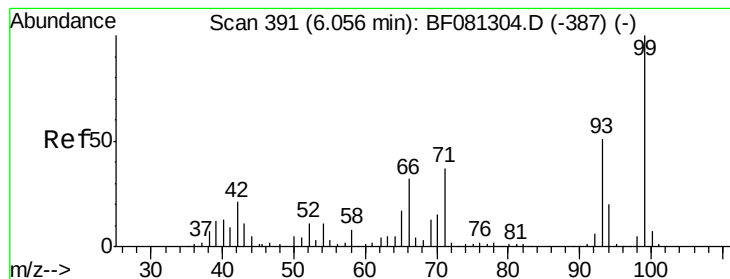


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.99 ng

RT: 7.62 min Scan# 550

Delta R.T. -0.02 min

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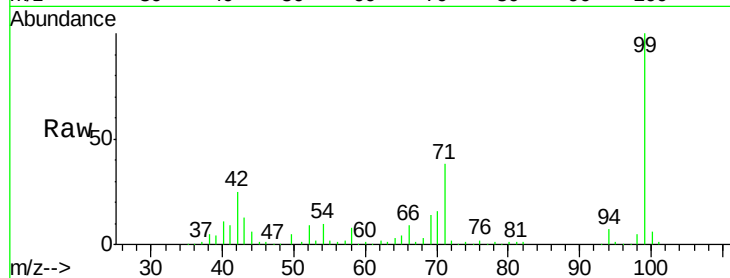
Tgt Ion: 99 Resp: 467141

Ion Ratio Lower Upper

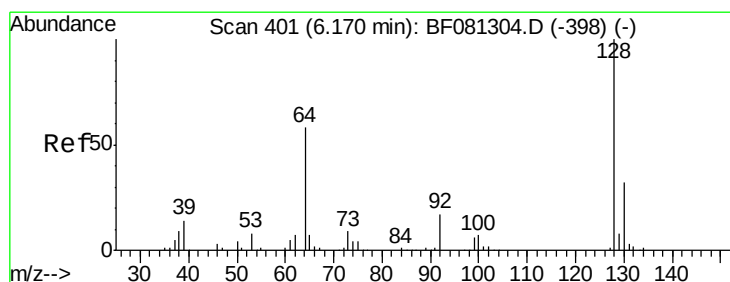
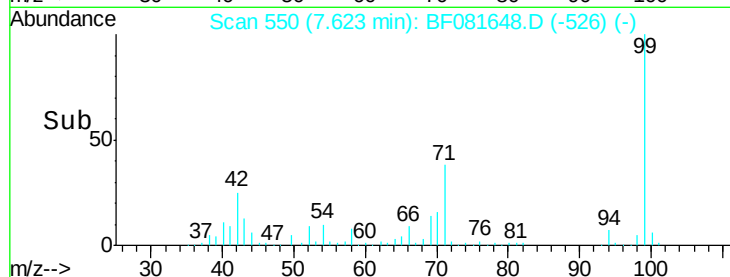
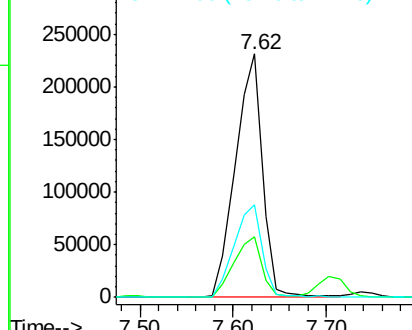
99 100

42 24.9 13.7 20.5#

71 38.3 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: 38.62 ng

RT: 7.74 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

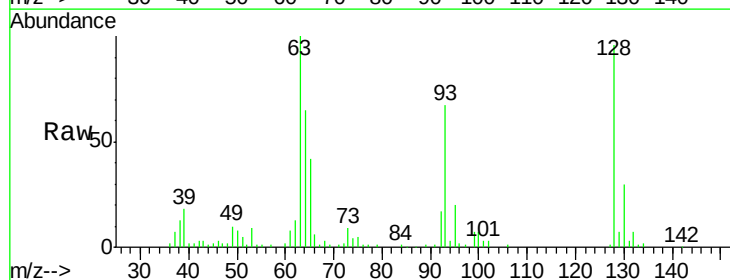
Tgt Ion: 128 Resp: 125153

Ion Ratio Lower Upper

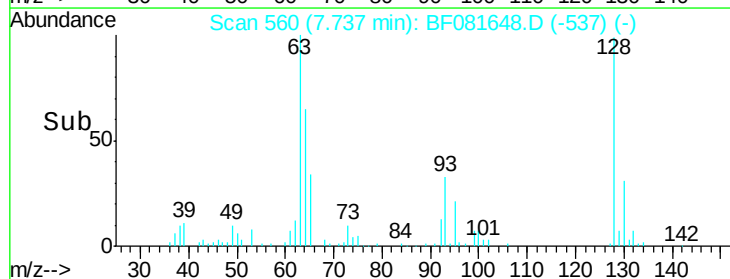
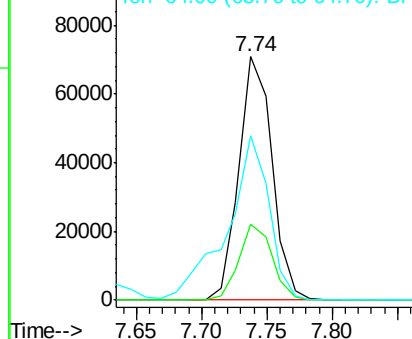
128 100

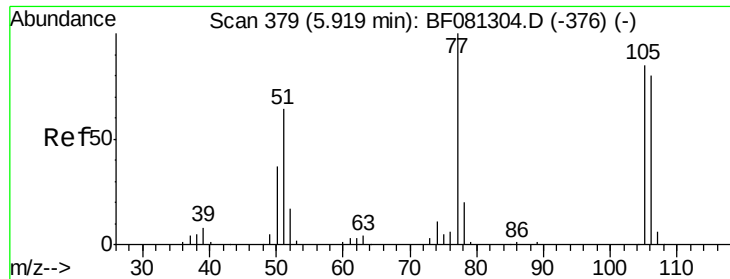
130 31.3 12.2 52.2

64 67.5 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: 24.18 ng

RT: 7.21 min Scan# 514

Delta R.T. -0.02 min

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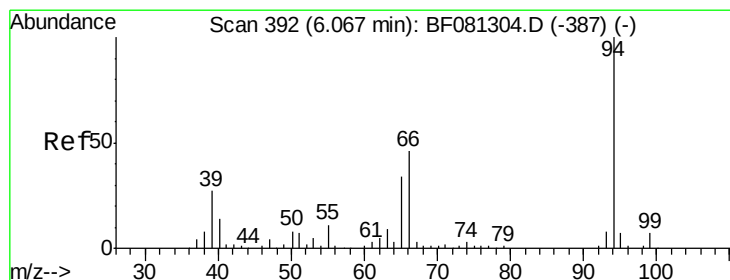
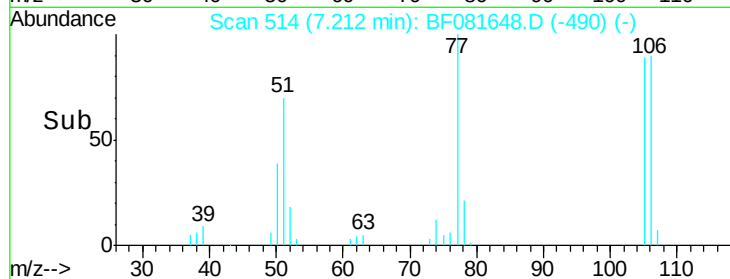
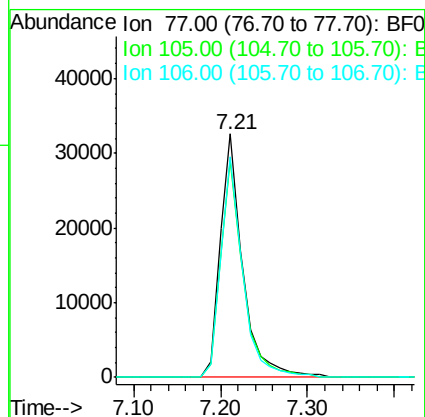
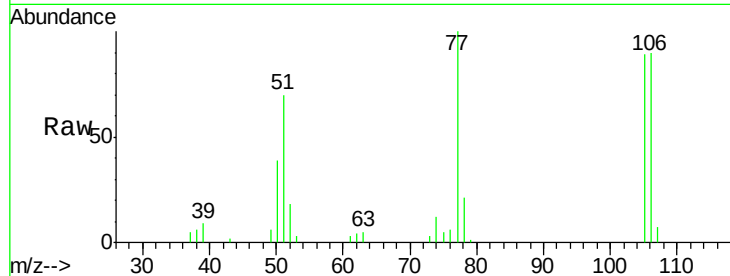
Tgt Ion: 77 Resp: 58972

Ion Ratio Lower Upper

77 100

105 89.0 91.6 131.6#

106 90.4 102.6 142.6#



#10

Phenol

Concen: 35.78 ng

RT: 7.65 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

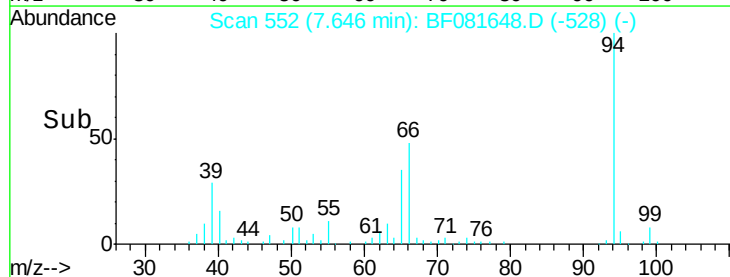
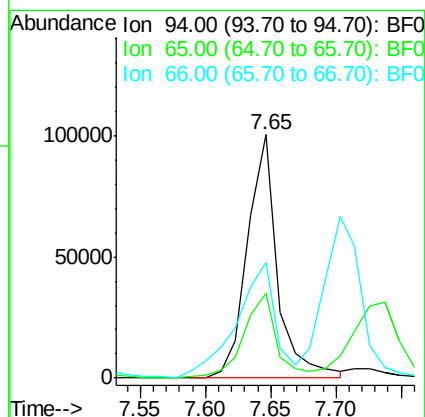
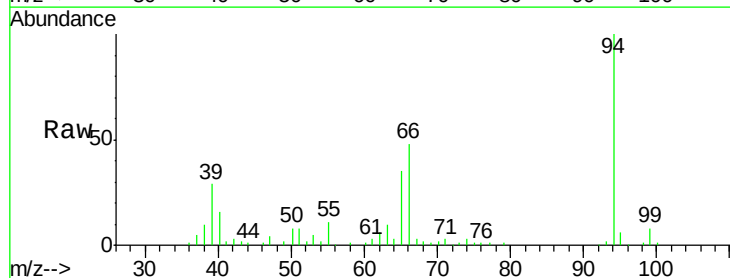
Tgt Ion: 94 Resp: 161520

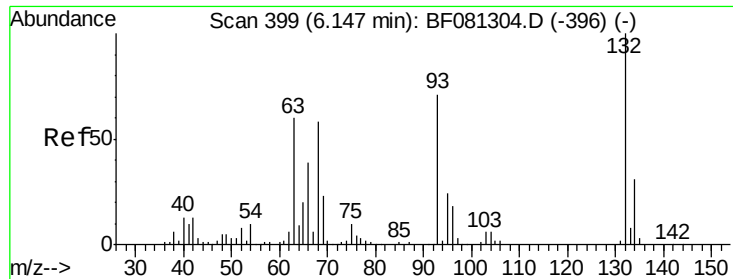
Ion Ratio Lower Upper

94 100

65 34.6 0.7 40.7

66 47.6 0.8 40.8#

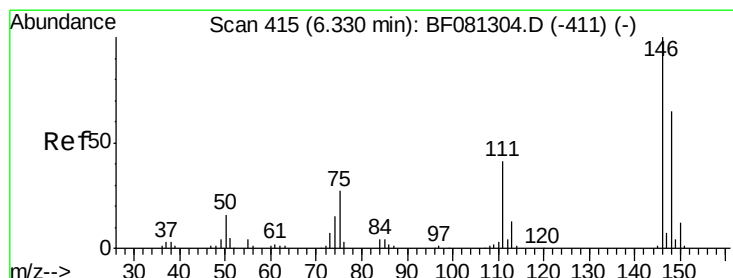
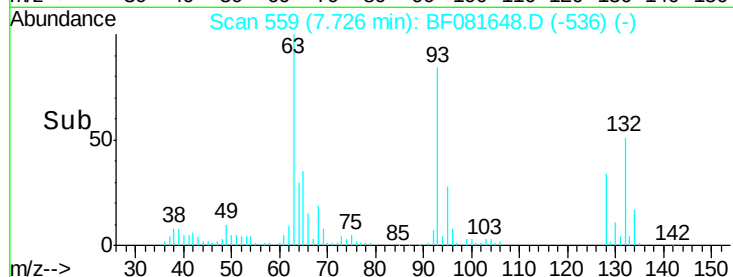
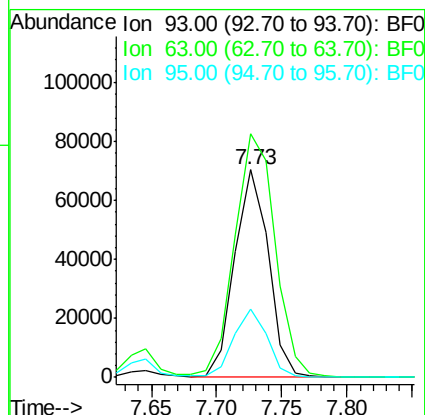
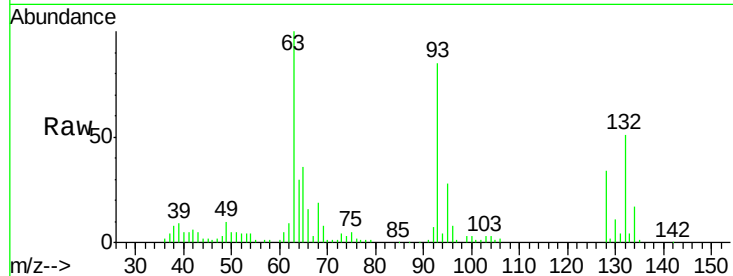




#11
bis(2-Chloroethyl)ether
Concen: 38.93 ng
RT: 7.73 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

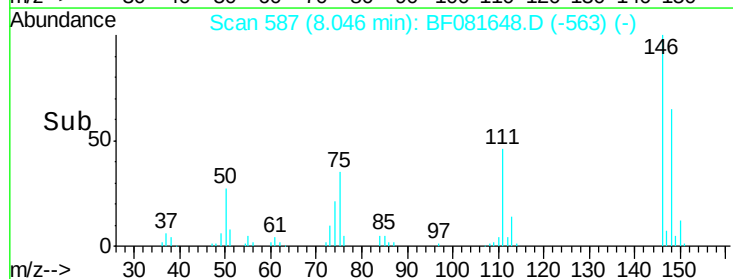
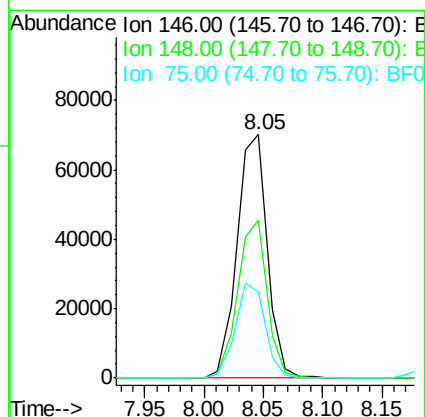
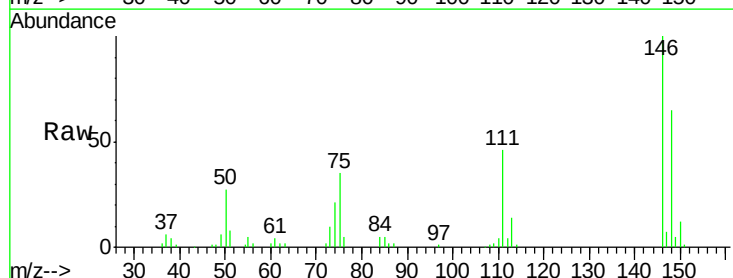
Instrument :
BNA_F
ClientSampleId :
PB85464BSD

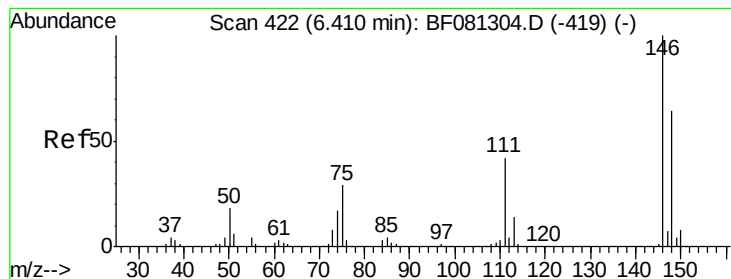
Tgt Ion: 93 Resp: 126794
Ion Ratio Lower Upper
93 100
63 117.5 65.6 105.6#
95 32.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 35.99 ng
RT: 8.05 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

Tgt Ion: 146 Resp: 124632
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
75 35.3 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 35.79 ng

RT: 8.23 min Scan# 603

Delta R.T. -0.02 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

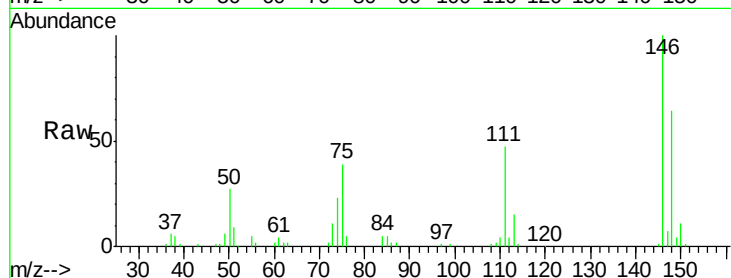
Tgt Ion:146 Resp: 126204

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

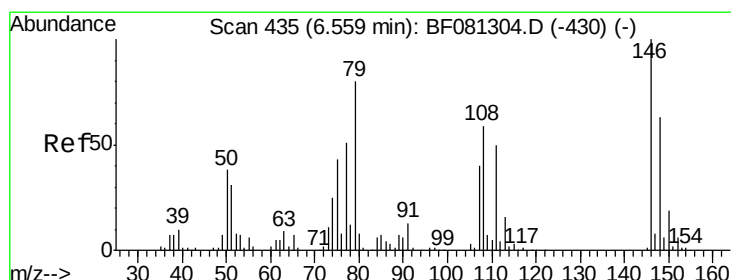
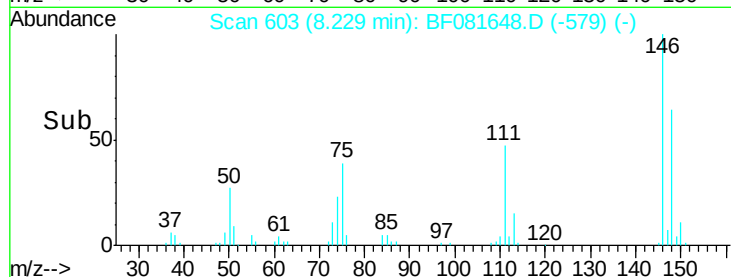
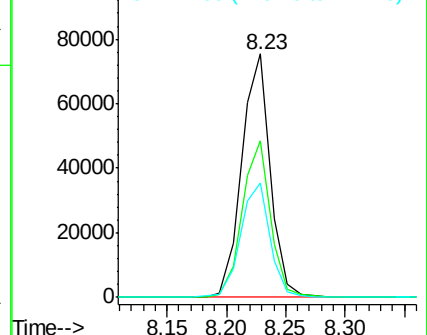
111 46.8 24.9 37.3#



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: 38.48 ng

RT: 8.55 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

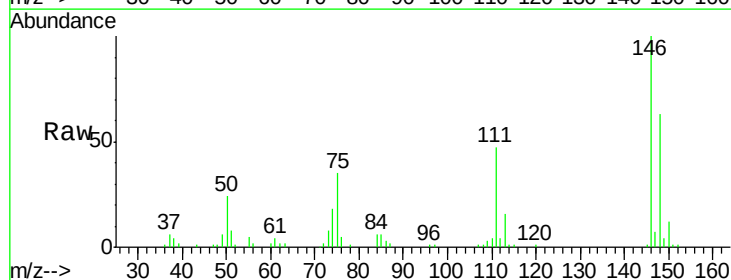
Tgt Ion:146 Resp: 122155

Ion Ratio Lower Upper

146 100

148 63.4 52.7 79.1

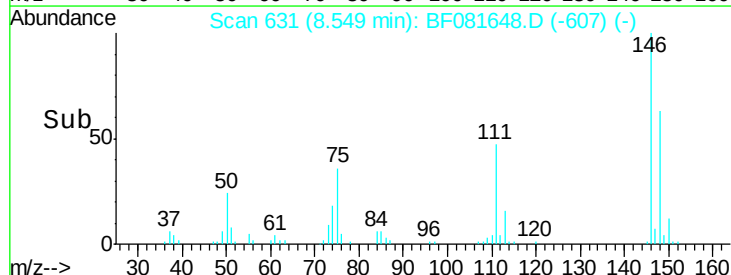
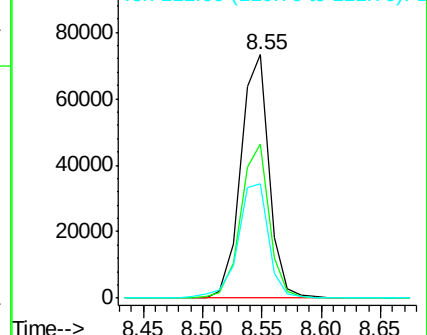
111 47.0 28.8 43.2#

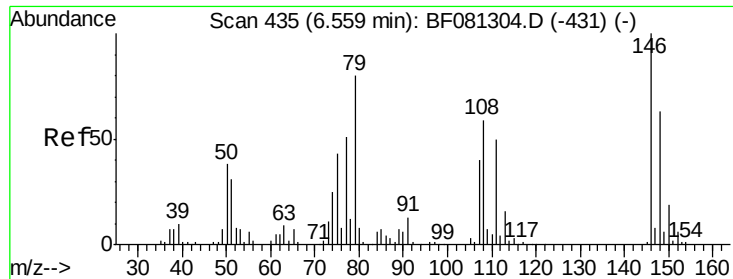


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

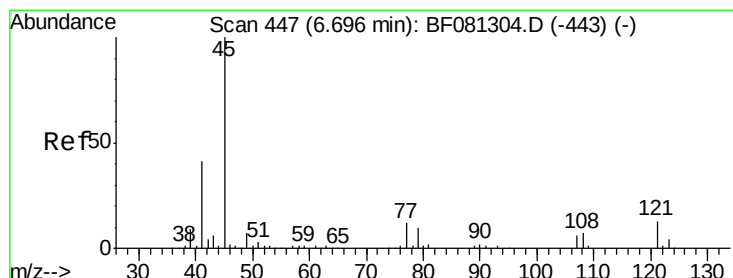
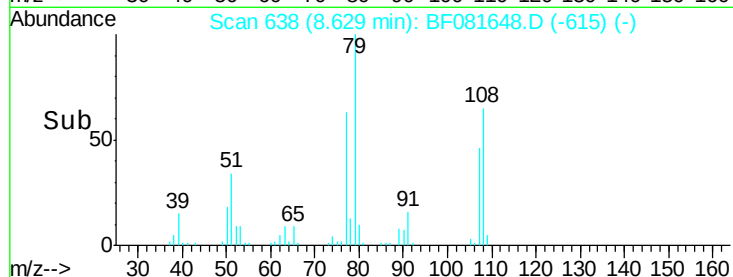
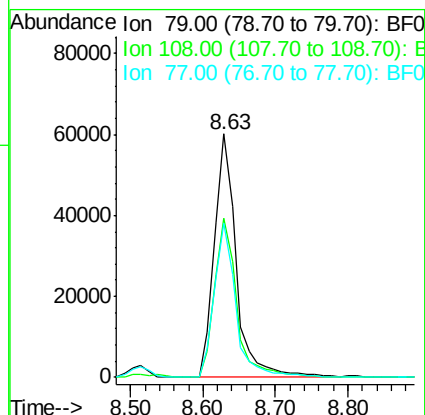
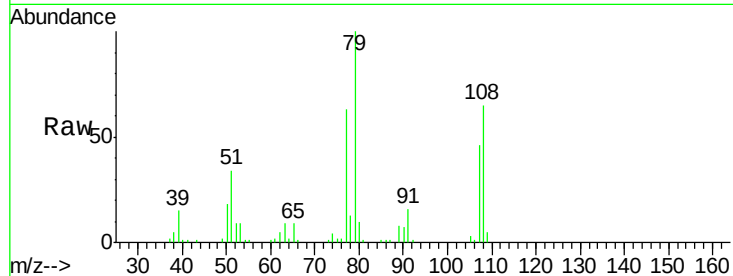




#15
Benzyl Alcohol
Concen: 39.76 ng
RT: 8.63 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

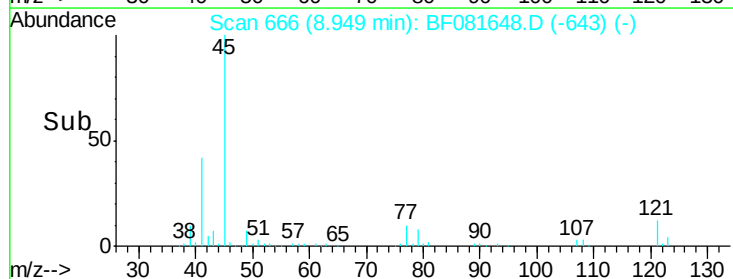
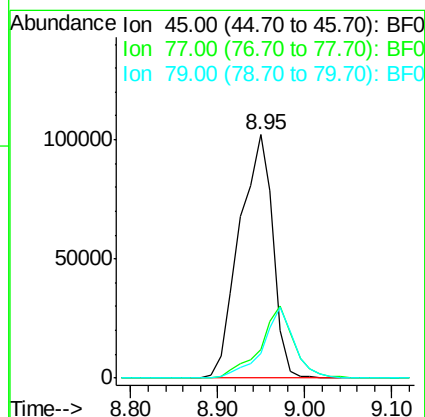
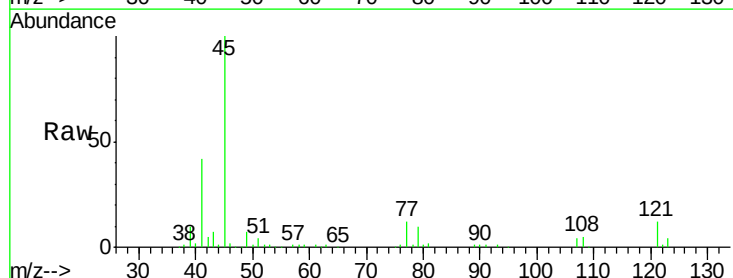
Instrument :
BNA_F
ClientSampleId :
PB85464BSD

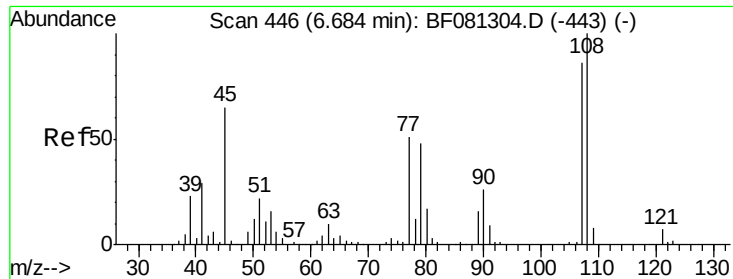
Tgt Ion: 79 Resp: 126972
Ion Ratio Lower Upper
79 100
108 65.3 88.6 132.8#
77 63.4 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.93 ng
RT: 8.95 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

Tgt Ion: 45 Resp: 274258
Ion Ratio Lower Upper
45 100
77 11.6 0.0 28.1
79 10.2 0.0 26.0

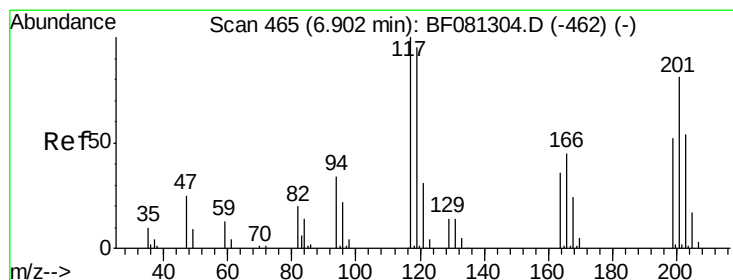
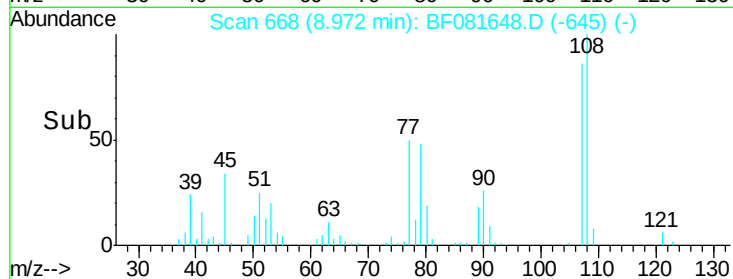
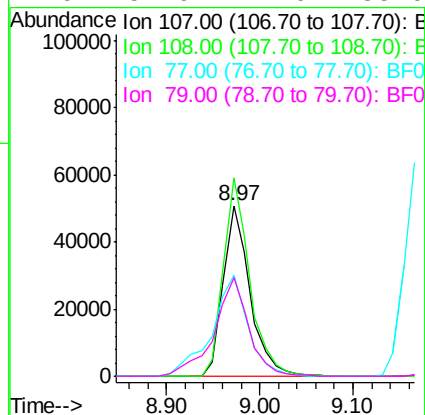
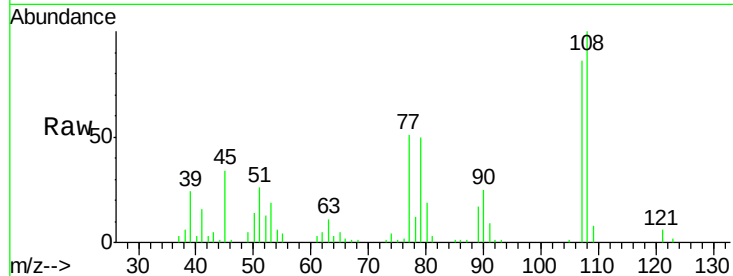




#17
2-Methylphenol
Concen: 39.19 ng
RT: 8.97 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

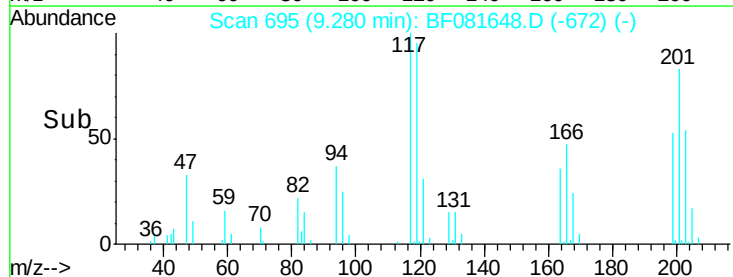
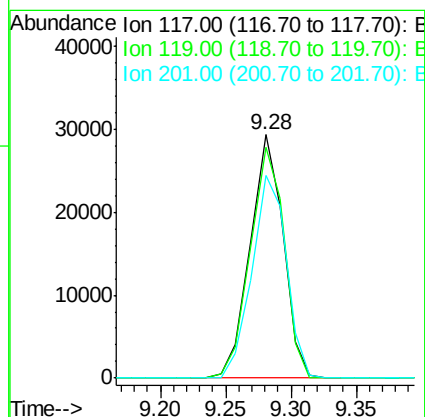
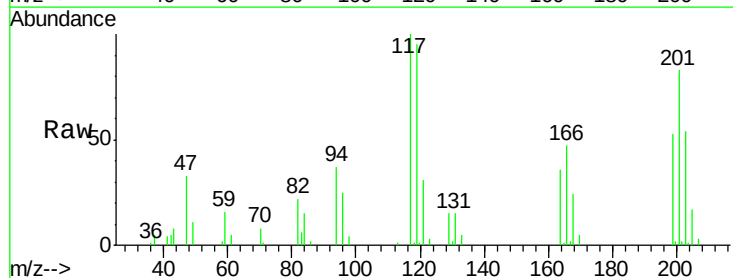
Instrument :
BNA_F
ClientSampleId :
PB85464BSD

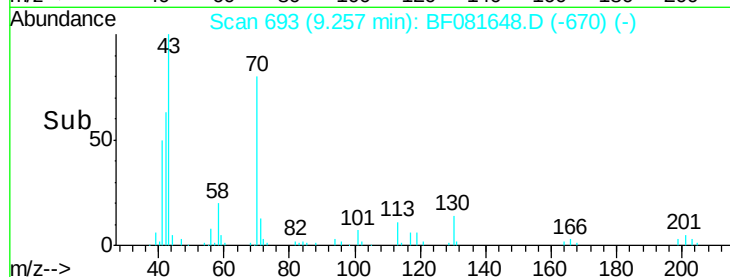
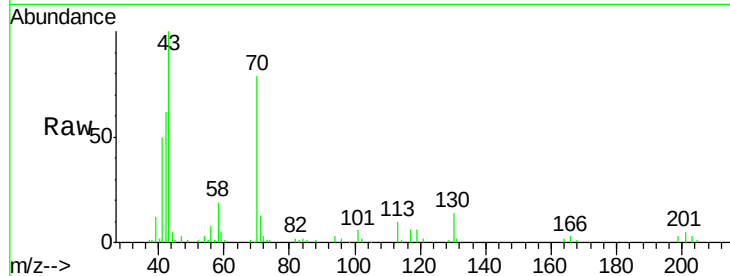
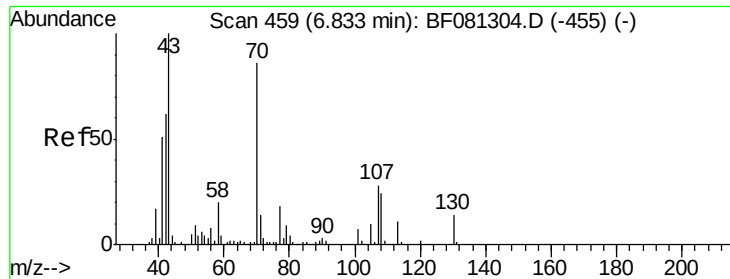
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.3	96.6	145.0
77	59.4	23.3	34.9#
79	57.9	22.0	33.0#



#18
Hexachloroethane
Concen: 37.89 ng
RT: 9.28 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	83.8	125.6
201	83.2	55.1	82.7#

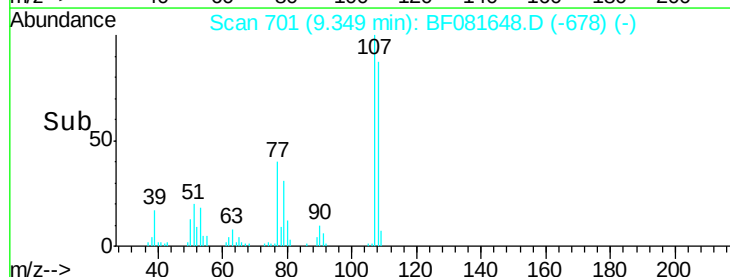
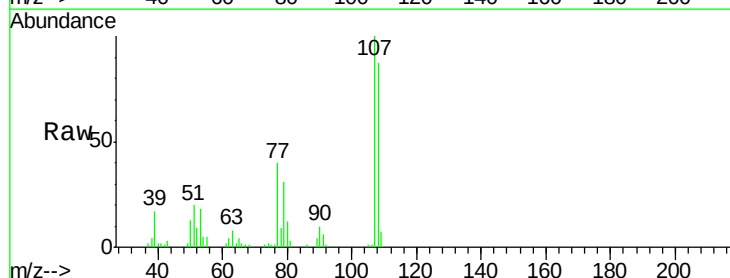
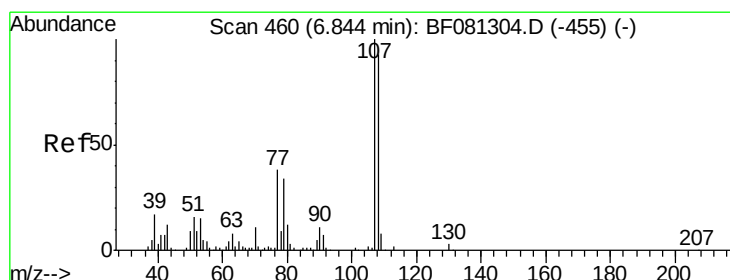
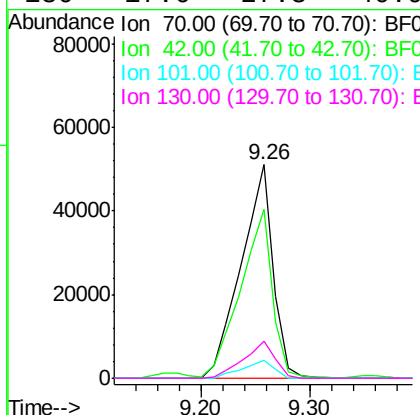




#19
n-Nitroso-di-n-propylamine
Concen: 39.42 ng
RT: 9.26 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

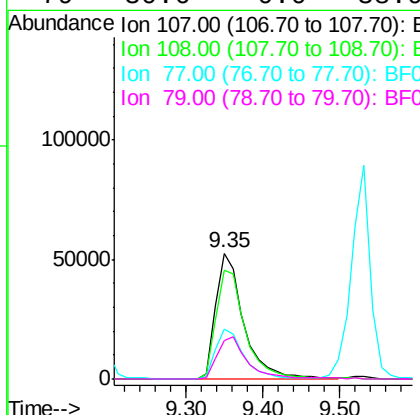
Instrument :
BNA_F
ClientSampleId :
PB85464BSD

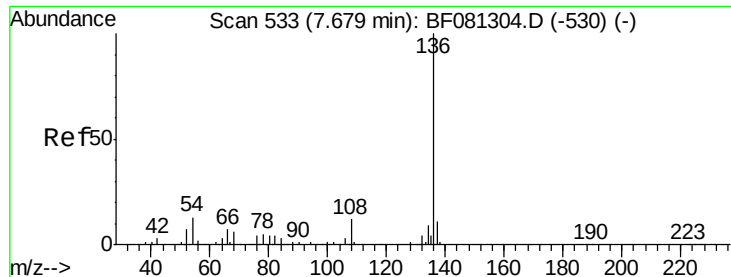
Tgt Ion:	70	Resp:	104449
Ion	Ratio	Lower	Upper
70	100		
42	79.0	63.8	95.6
101	8.2	9.2	13.8#
130	17.6	27.3	40.9#



#20
3+4-Methylphenols
Concen: 38.53 ng
RT: 9.35 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

Tgt Ion:	107	Resp:	134343
Ion	Ratio	Lower	Upper
107	100		
108	86.7	74.6	114.6
77	39.6	0.7	40.7
79	30.6	0.0	38.9

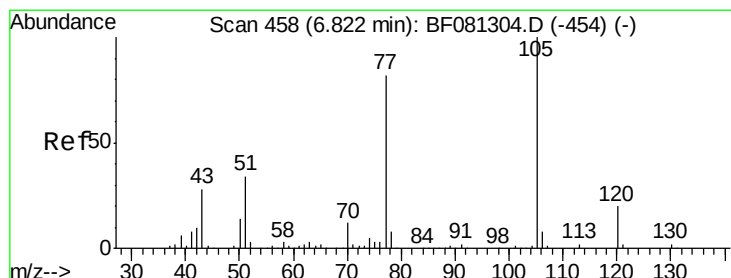
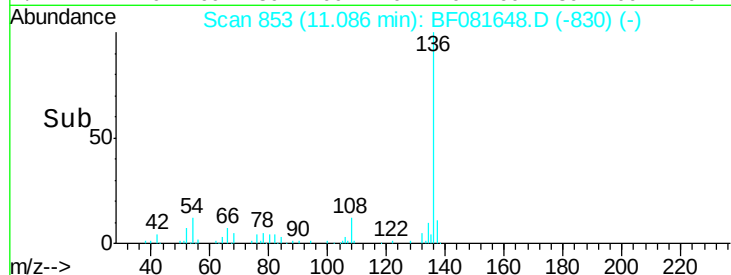
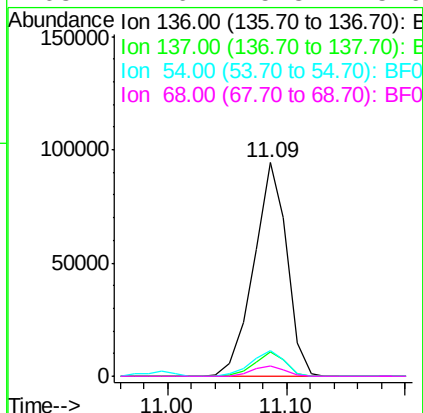
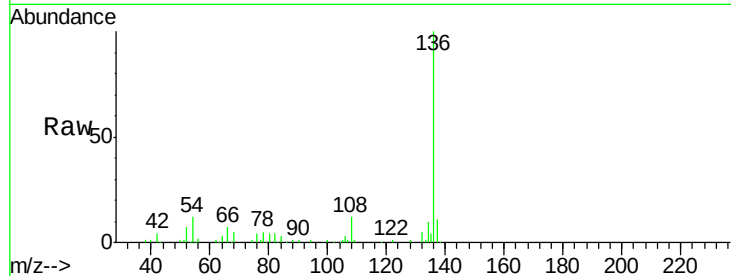




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

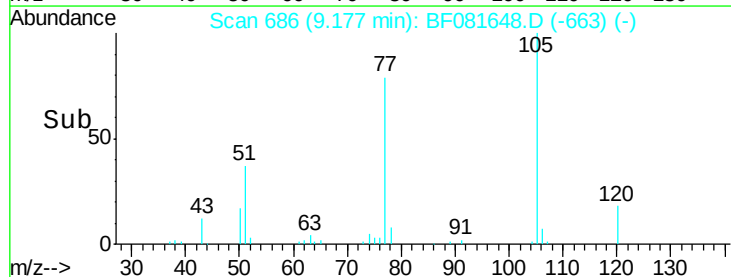
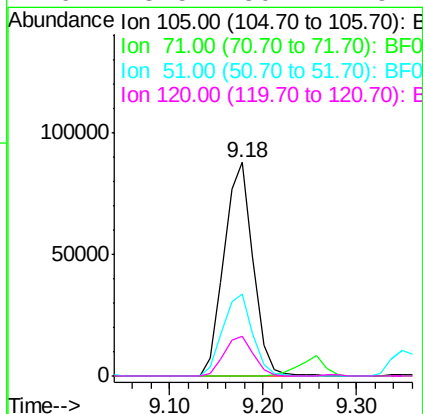
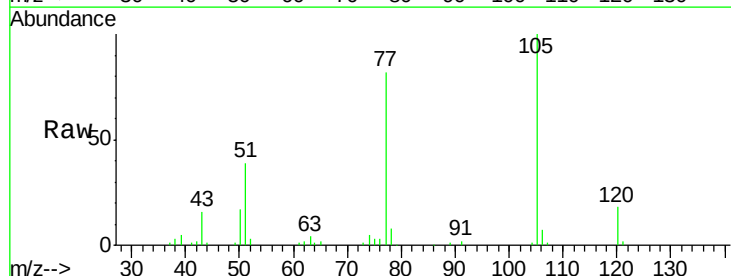
Instrument :
BNA_F
ClientSampleId :
PB85464BSD

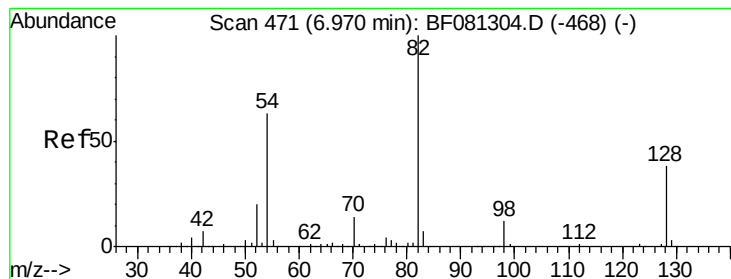
Tgt Ion:	136	Resp:	182491
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	12.0	8.2	12.2
68	4.6	5.8	8.6#



#22
Acetophenone
Concen: 38.04 ng
RT: 9.18 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

Tgt Ion:	105	Resp:	189616
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.7	7.1#
51	38.6	22.0	33.0#
120	18.5	30.1	45.1#





#23

Nitrobenzene-d5

Concen: 82.05 ng

RT: 9.50 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

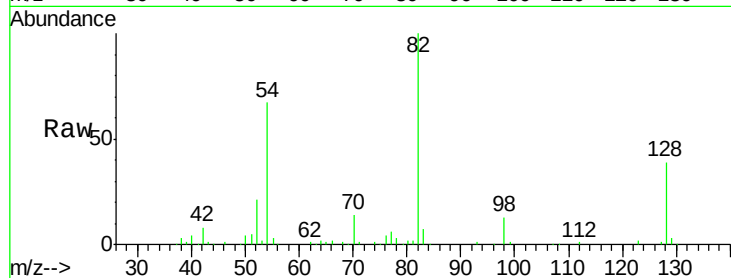
Tgt Ion: 82 Resp: 310340

Ion Ratio Lower Upper

82 100

128 38.8 51.0 76.6#

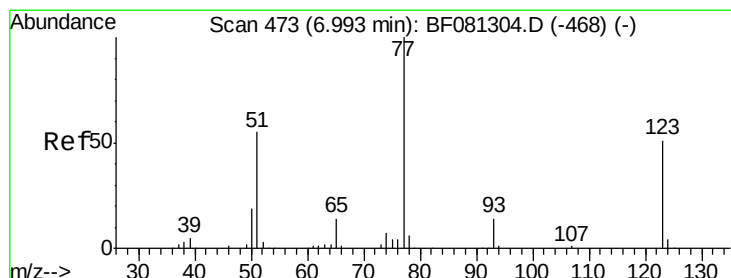
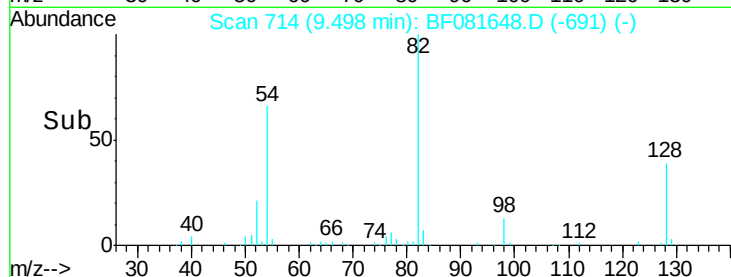
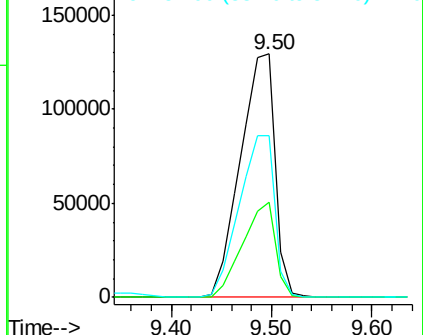
54 66.5 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.50 ng

RT: 9.53 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

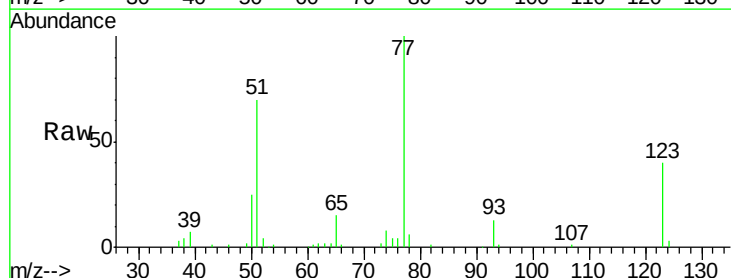
Tgt Ion: 77 Resp: 155148

Ion Ratio Lower Upper

77 100

123 40.0 59.8 89.8#

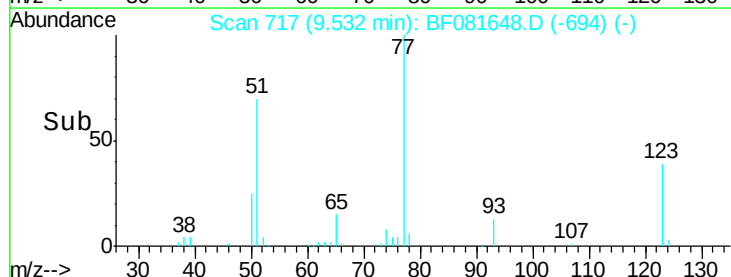
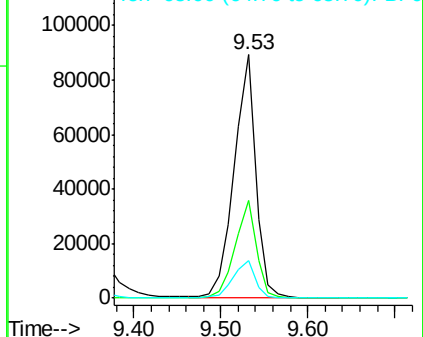
65 15.4 10.2 15.4#

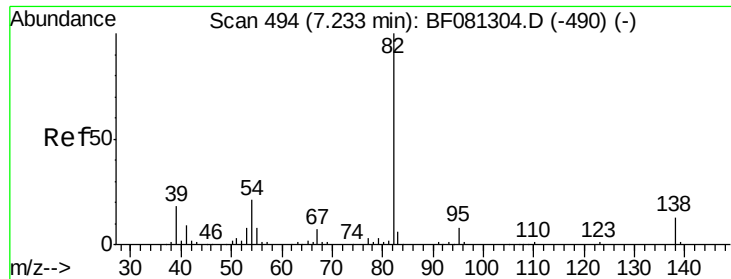


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.60 ng

RT: 10.13 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

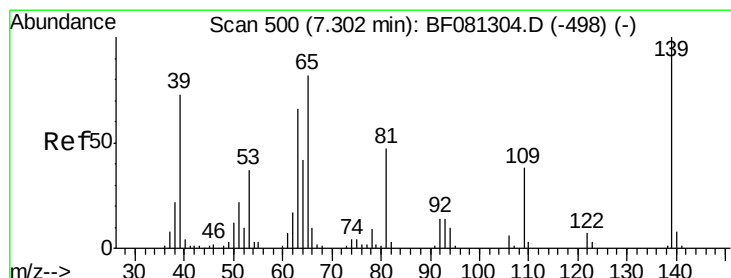
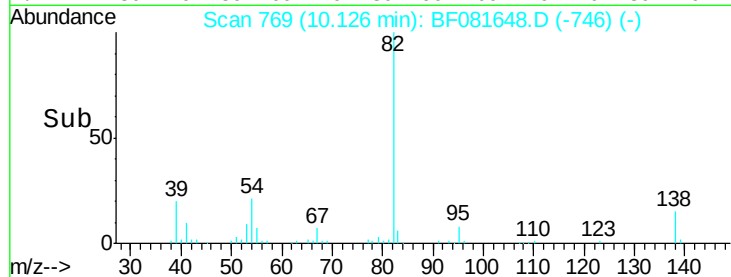
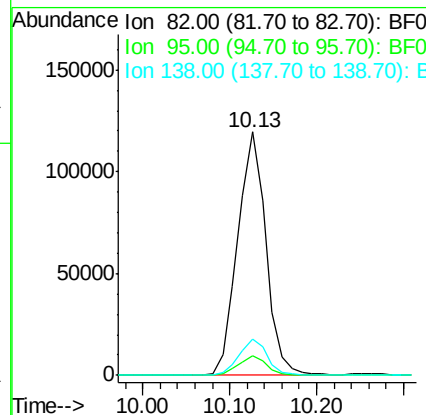
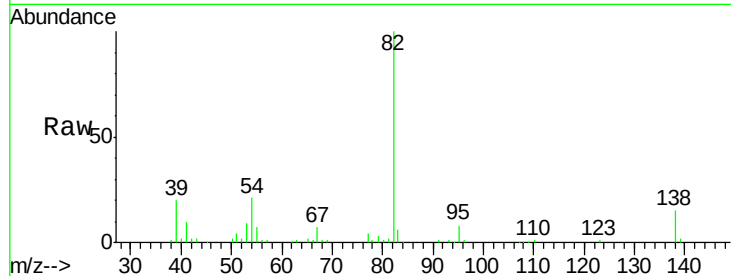
Tgt Ion: 82 Resp: 271562

Ion Ratio Lower Upper

82 100

95 8.0 4.0 6.0#

138 15.0 18.3 27.5#



#26

2-Nitrophenol

Concen: 35.81 ng

RT: 10.26 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

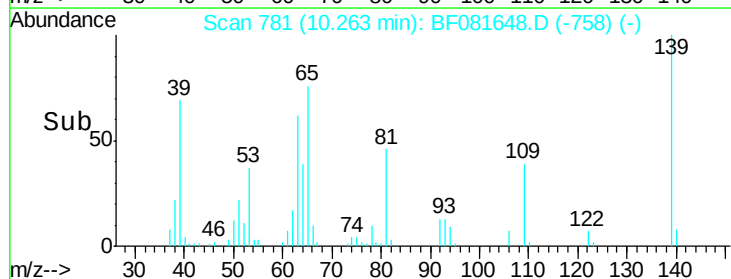
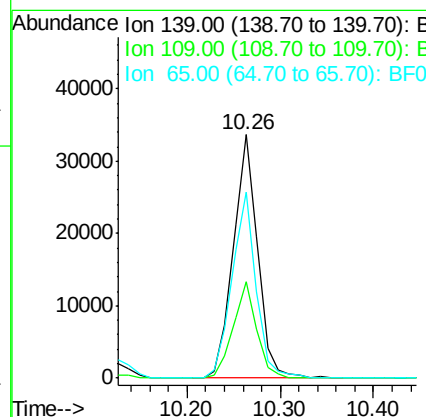
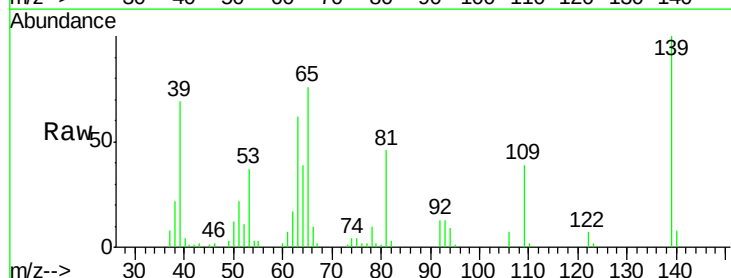
Tgt Ion: 139 Resp: 61313

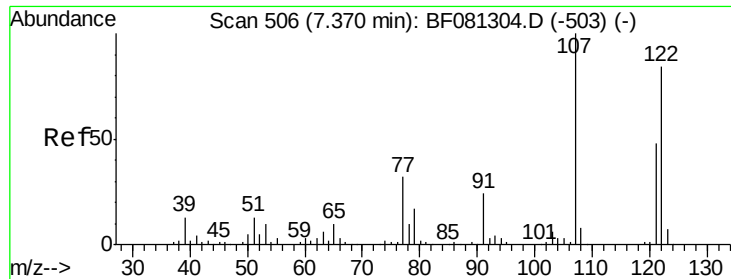
Ion Ratio Lower Upper

139 100

109 39.4 11.0 16.4#

65 76.2 24.7 37.1#

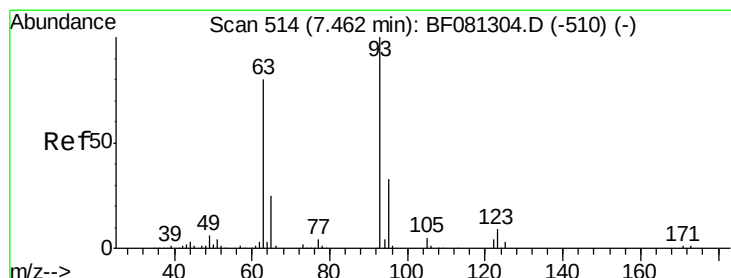
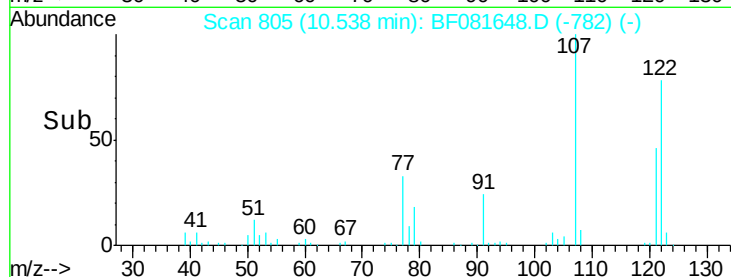
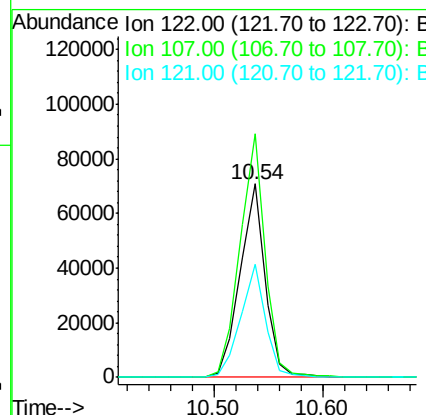
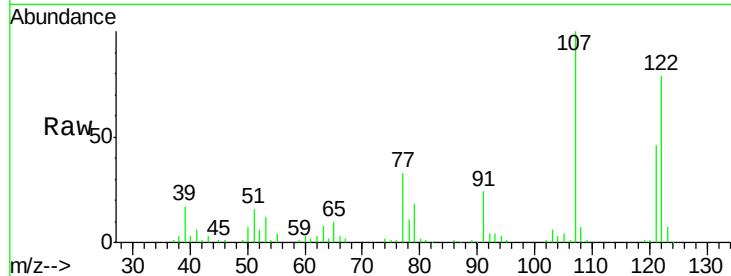




#27
 2,4-Dimethylphenol
 Concen: 38.10 ng
 RT: 10.54 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

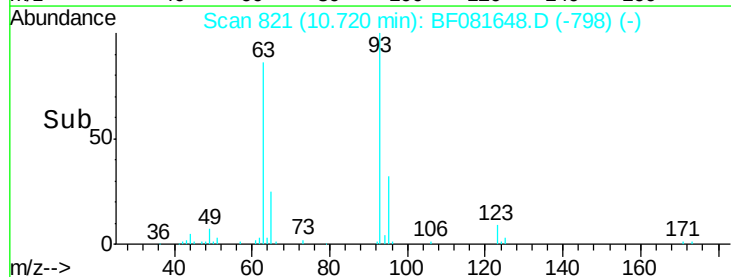
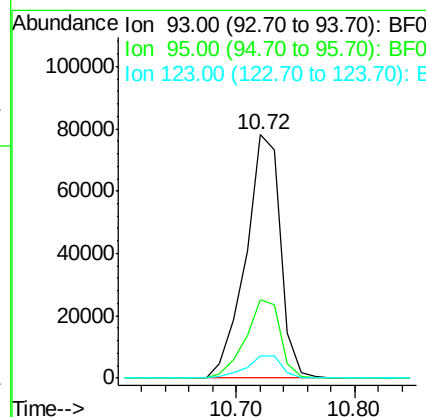
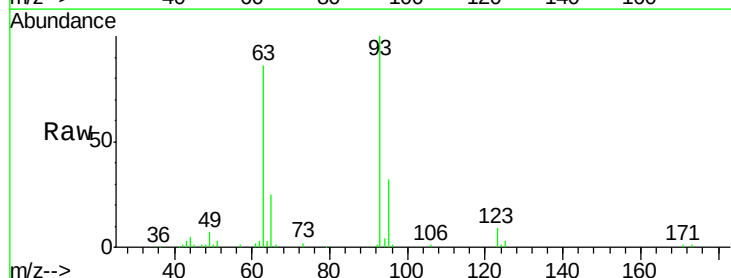
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

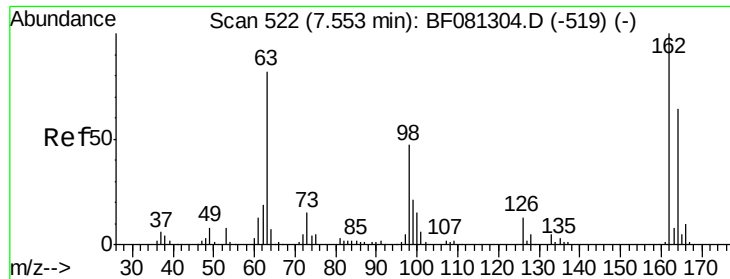
Tgt Ion:122 Resp: 112662
 Ion Ratio Lower Upper
 122 100
 107 126.0 71.8 107.6#
 121 58.5 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.14 ng
 RT: 10.72 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion: 93 Resp: 159071
 Ion Ratio Lower Upper
 93 100
 95 32.3 27.5 41.3
 123 9.1 13.7 20.5#

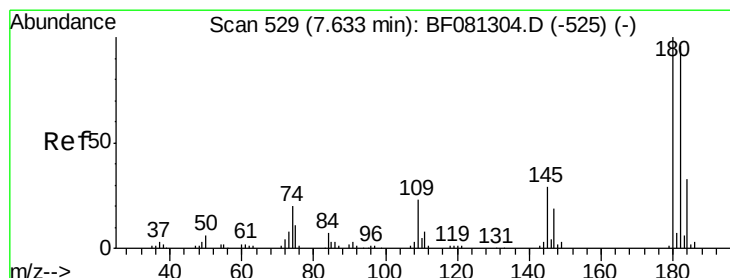
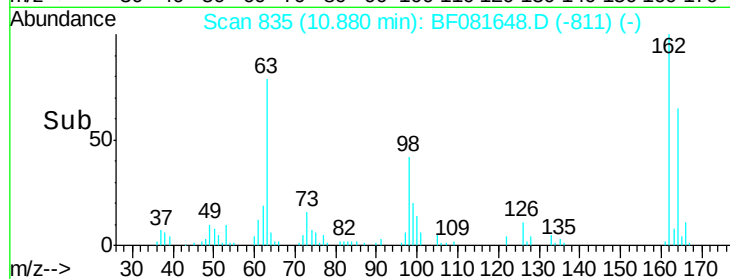
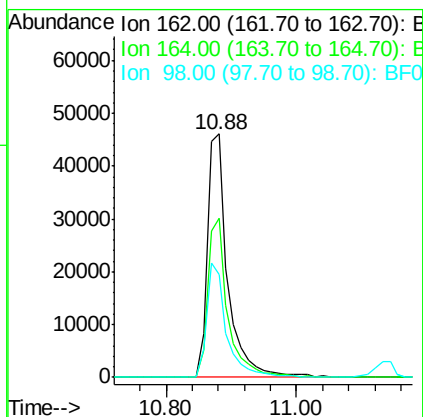
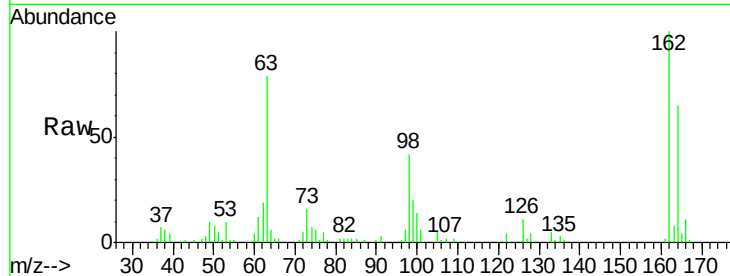




#29
 2,4-Dichlorophenol
 Concen: 39.06 ng
 RT: 10.88 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

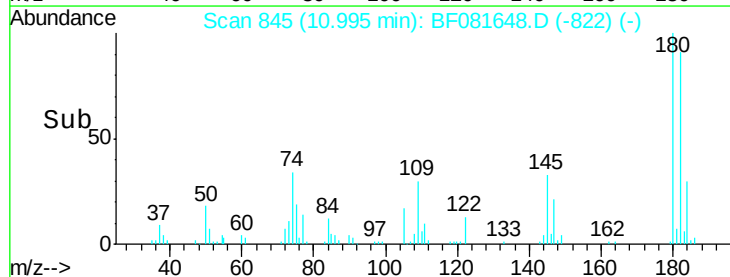
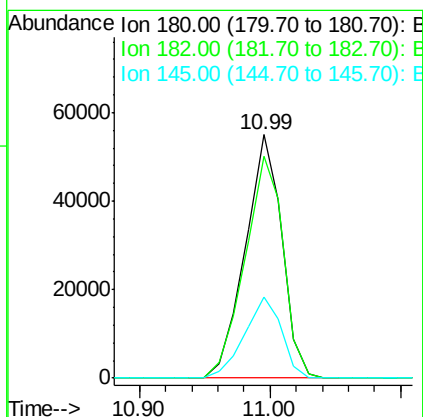
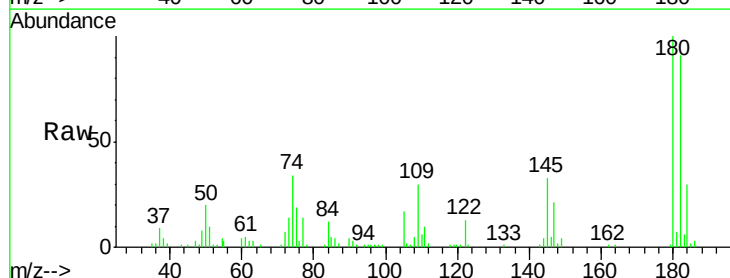
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

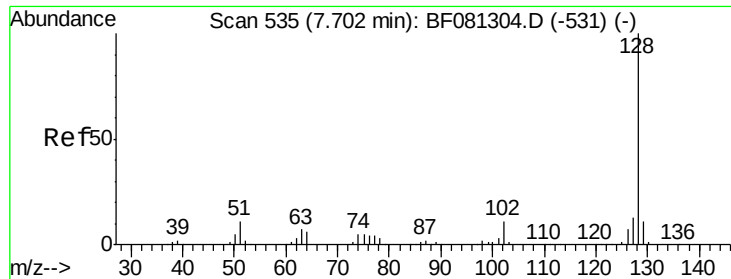
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.9	84.9
98	42.1	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.65 ng
 RT: 10.99 min Scan# 845
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	77.1	115.7
145	33.1	23.3	34.9

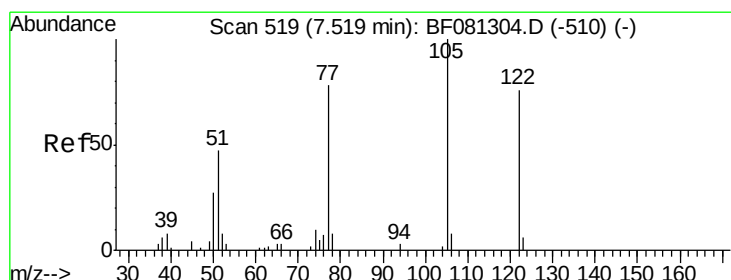
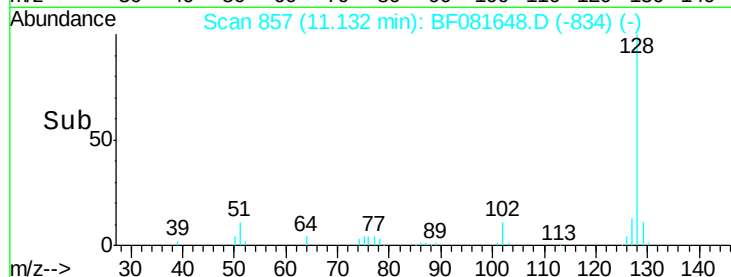
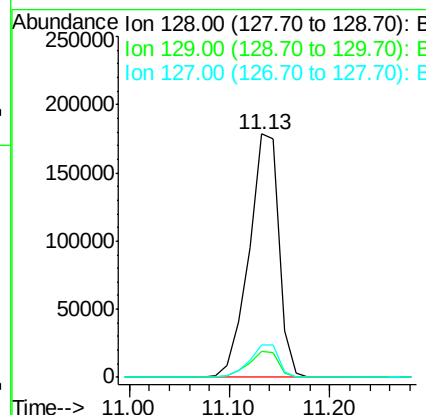
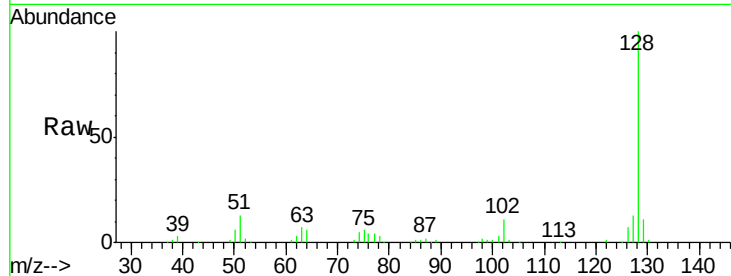




#31
Naphthalene
Concen: 37.89 ng
RT: 11.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

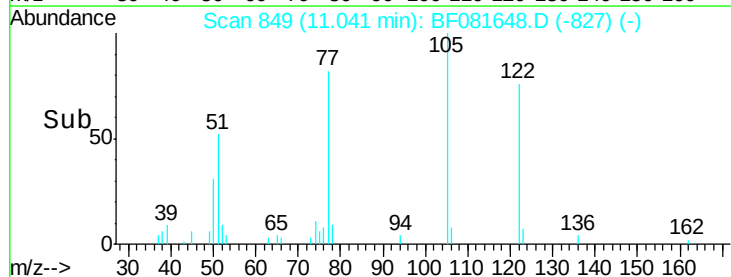
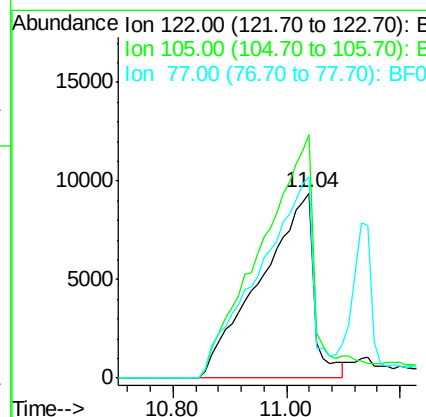
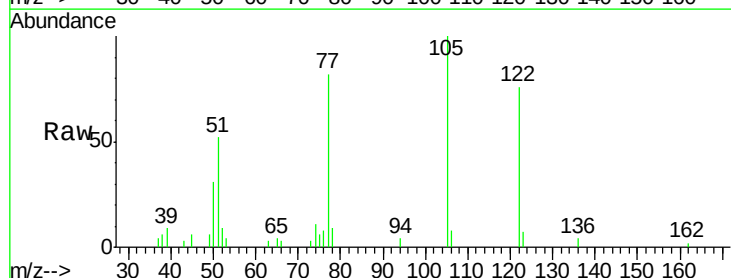
Instrument :
BNA_F
ClientSampleId :
PB85464BSD

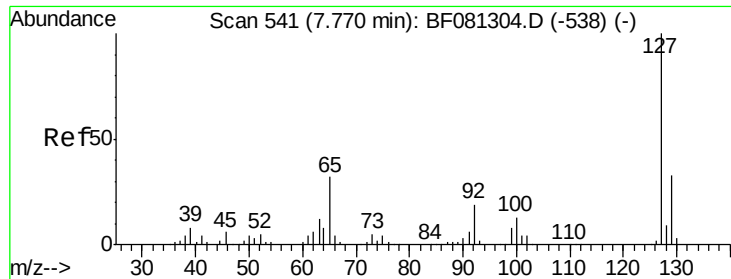
Tgt Ion:128 Resp: 368780
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.1 9.9 14.9



#32
Benzoic acid
Concen: 30.02 ng
RT: 11.04 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

Tgt Ion:122 Resp: 61242
Ion Ratio Lower Upper
122 100
105 131.5 76.1 116.1#
77 108.4 40.5 80.5#

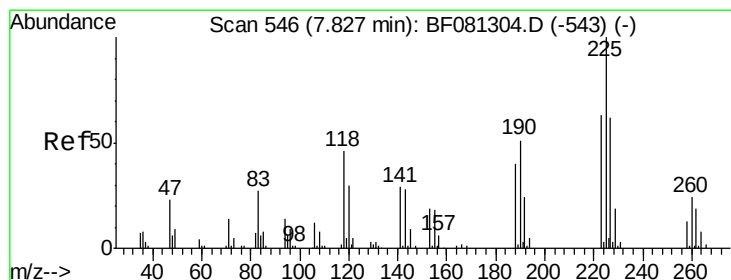
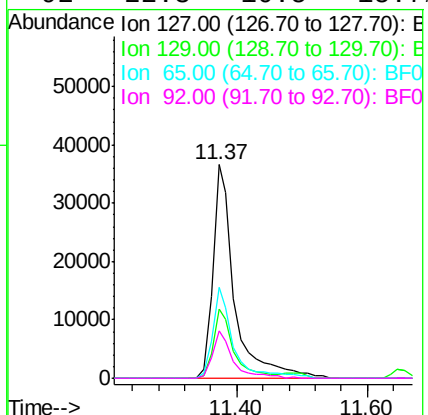
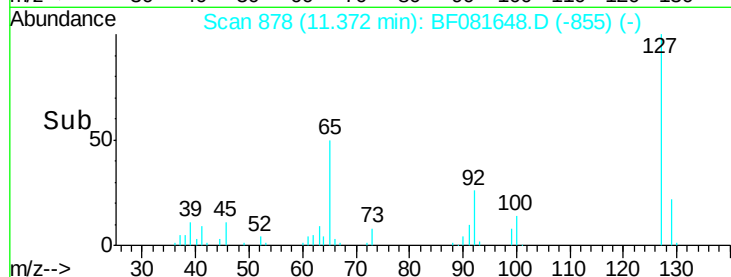
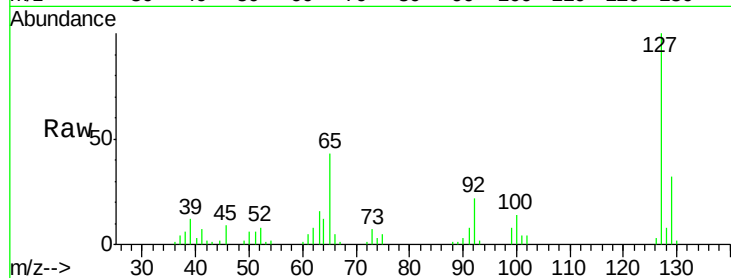




#33
4-Chloroaniline
Concen: 21.52 ng
RT: 11.37 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

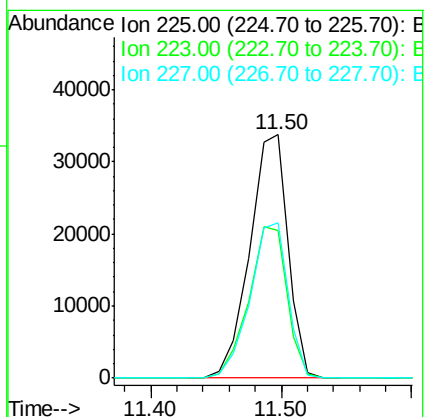
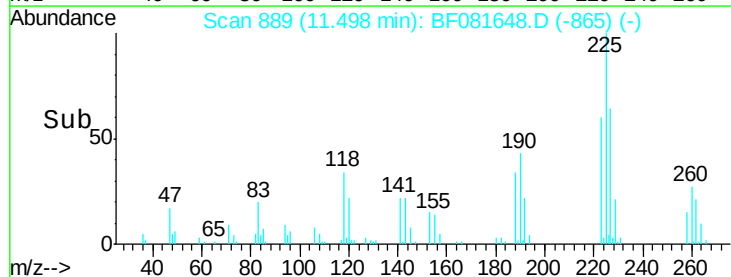
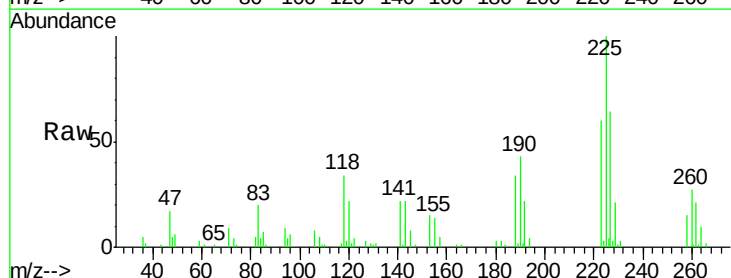
Instrument :
BNA_F
ClientSampleId :
PB85464BSD

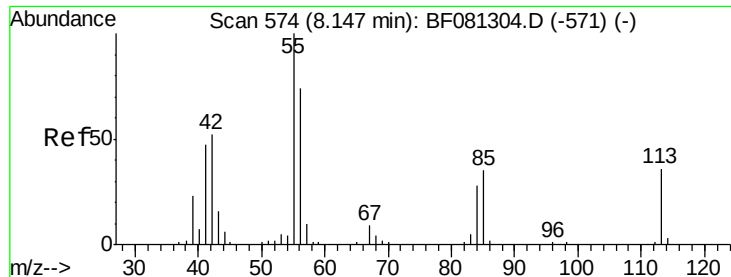
Tgt Ion:127 Resp: 85424
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.6
65 42.7 17.9 26.9#
92 22.3 10.5 15.7#



#34
Hexachlorobutadiene
Concen: 40.70 ng
RT: 11.50 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

Tgt Ion:225 Resp: 69002
Ion Ratio Lower Upper
225 100
223 60.5 50.2 75.2
227 64.0 52.2 78.2

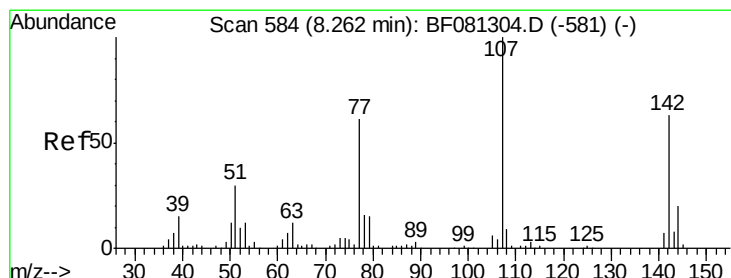
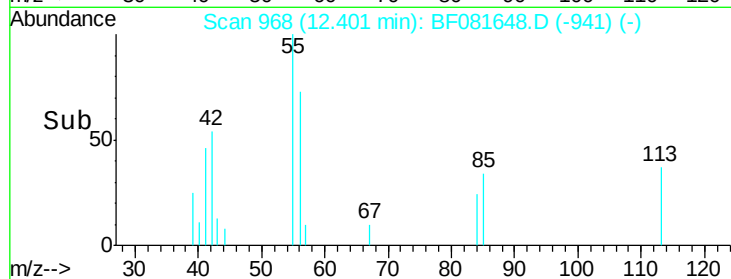
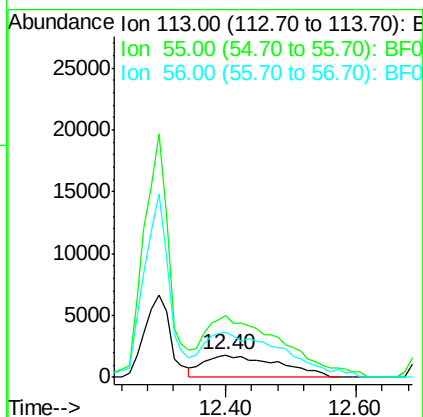
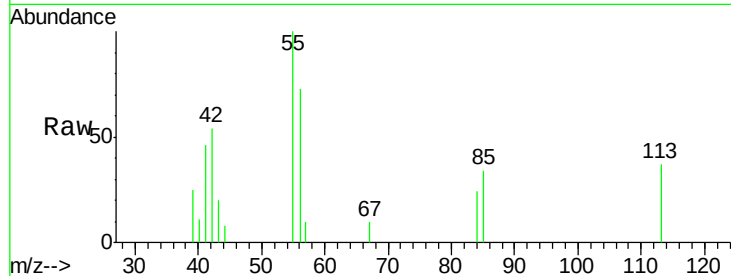




#35
 Caprolactam
 Concen: 18.24 ng
 RT: 12.40 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

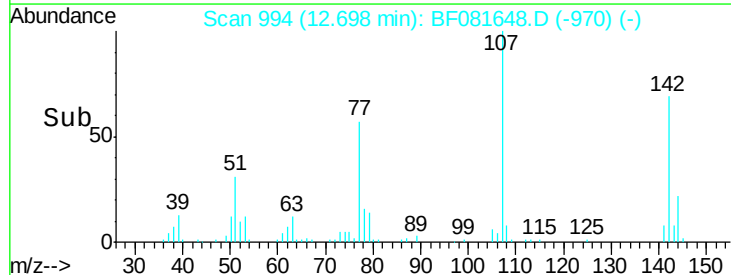
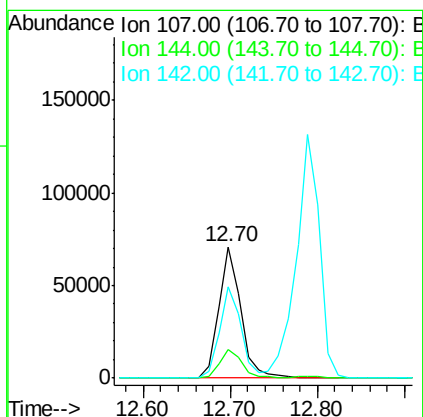
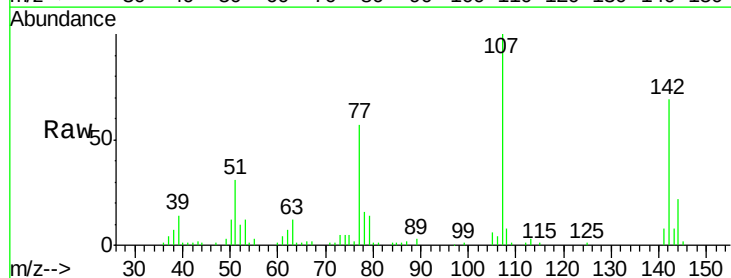
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

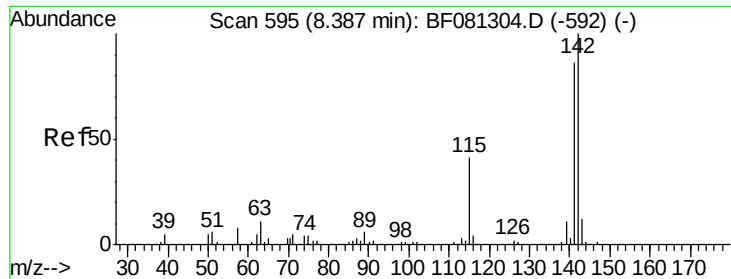
Tgt Ion:113 Resp: 14348
 Ion Ratio Lower Upper
 113 100
 55 272.9 152.4 192.4#
 56 200.1 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 43.74 ng
 RT: 12.70 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion:107 Resp: 125541
 Ion Ratio Lower Upper
 107 100
 144 21.8 25.4 38.0#
 142 69.2 77.3 115.9#

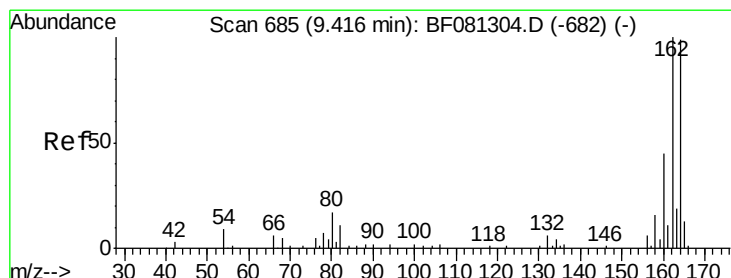
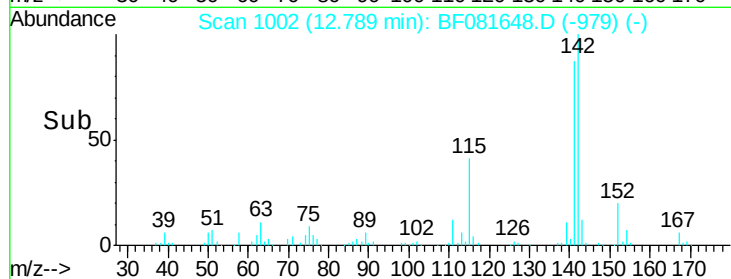
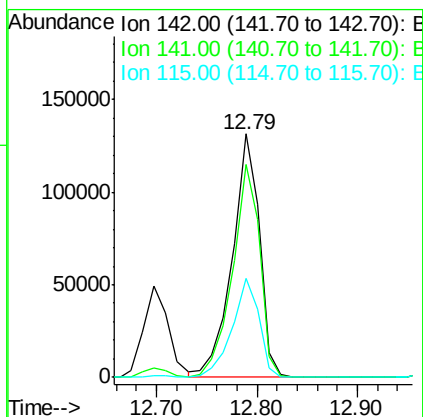
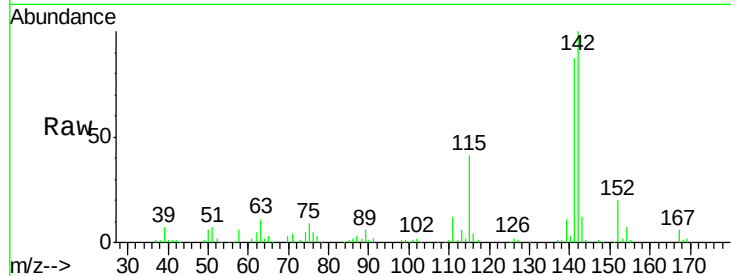




#37
 2-Methylnaphthalene
 Concen: 39.11 ng
 RT: 12.79 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

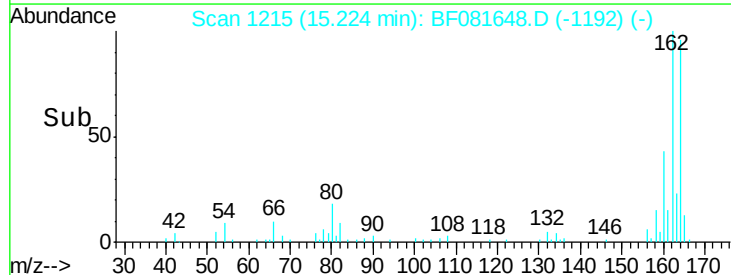
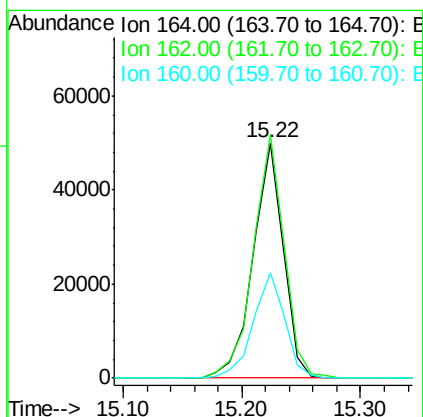
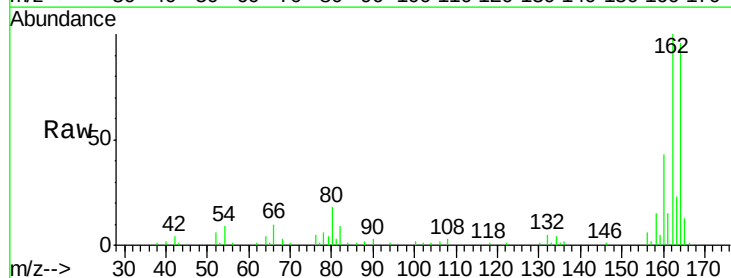
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

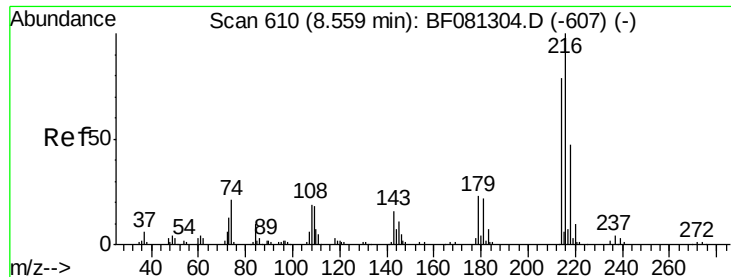
Tgt Ion:142 Resp: 247716
 Ion Ratio Lower Upper
 142 100
 141 87.4 67.5 101.3
 115 40.9 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1215
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion:164 Resp: 88997
 Ion Ratio Lower Upper
 164 100
 162 103.8 75.2 112.8
 160 45.0 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.21 ng

RT: 13.20 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

Tgt Ion:216 Resp: 107548

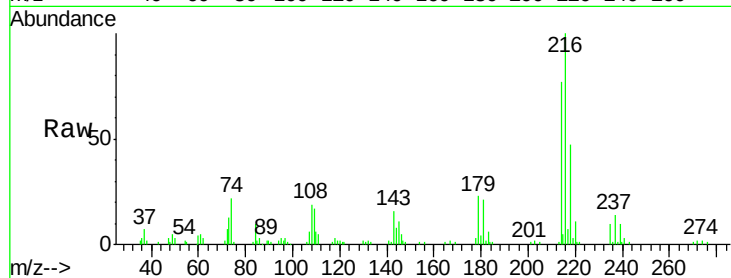
Ion Ratio Lower Upper

216 100

214 77.4 63.5 95.3

179 22.5 16.6 24.8

108 23.1 16.3 24.5

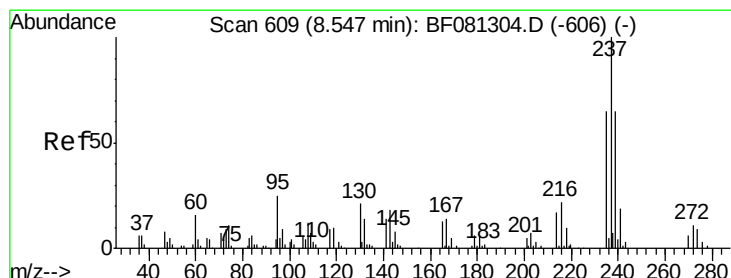
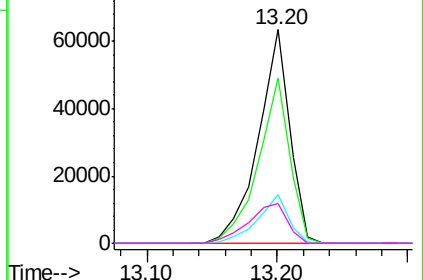
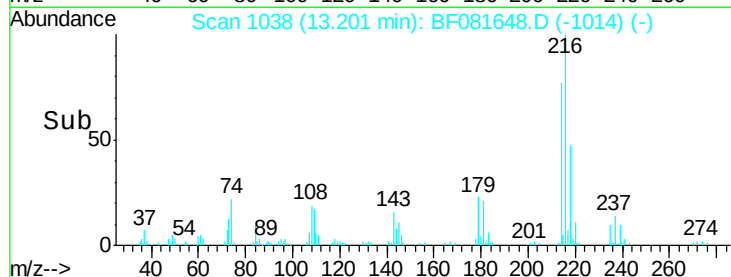


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 77.78 ng

RT: 13.18 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

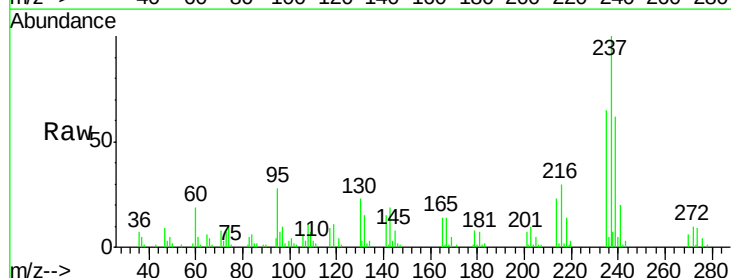
Tgt Ion:237 Resp: 107441

Ion Ratio Lower Upper

237 100

235 64.6 42.0 82.0

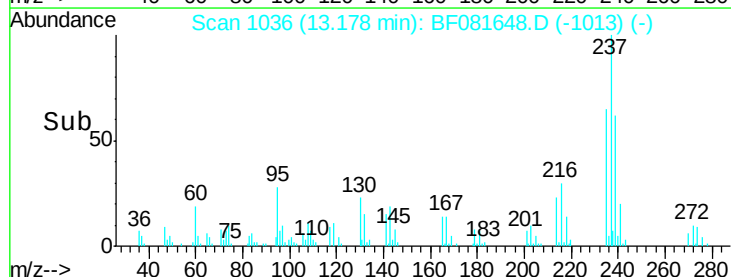
272 10.3 0.0 36.1



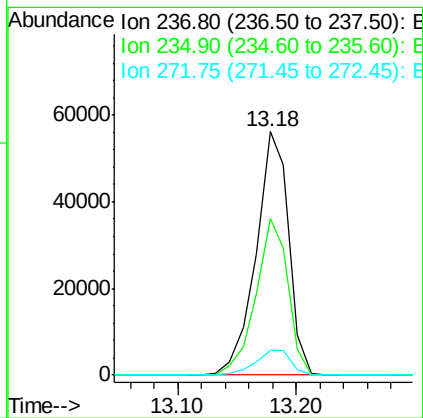
Abundance Ion 236.80 (236.50 to 237.50): E

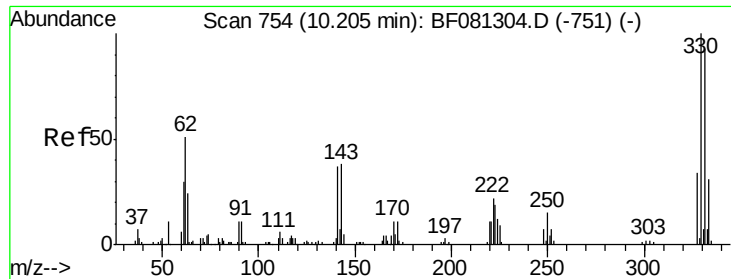
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

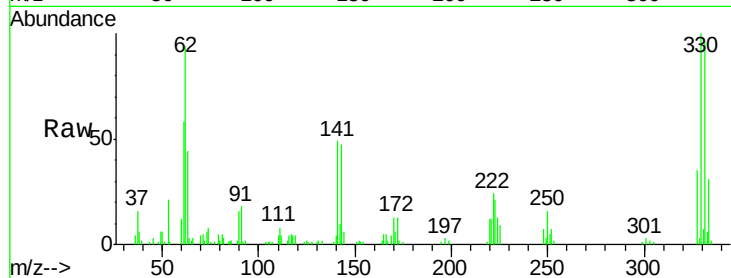




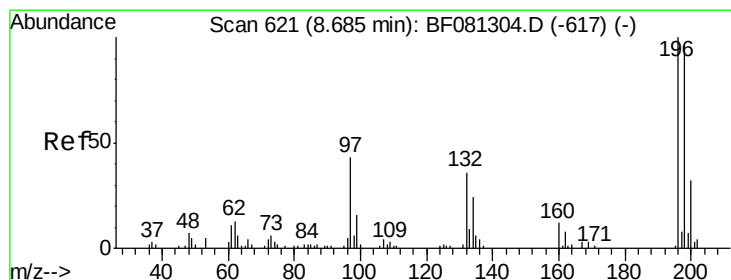
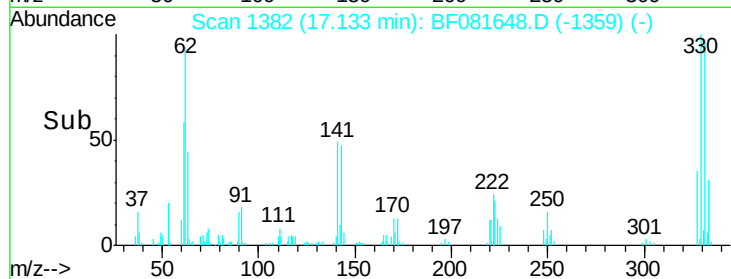
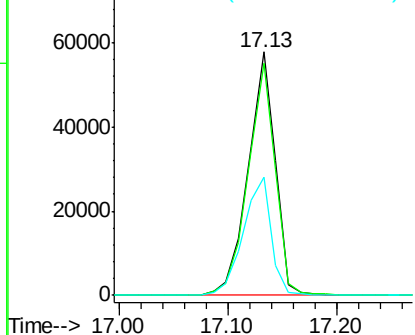
#41
 2,4,6-Tribromophenol
 Concen: 126.67 ng
 RT: 17.13 min Scan# 1382
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

Tgt Ion:330 Resp: 100375
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 49.7 29.7 44.5#

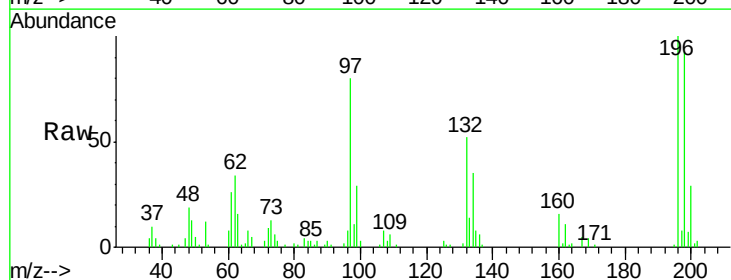


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

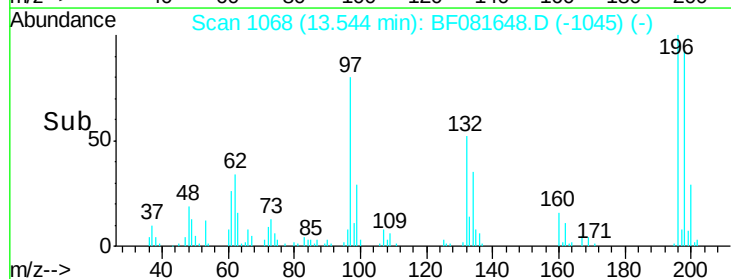
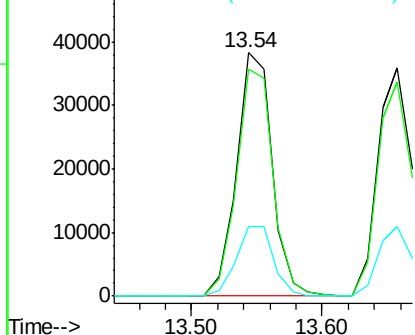


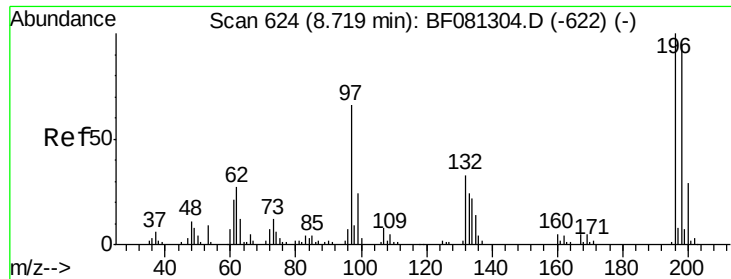
#42
 2,4,6-Trichlorophenol
 Concen: 37.26 ng
 RT: 13.54 min Scan# 1068
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion:196 Resp: 72368
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.7 113.5
 200 28.7 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

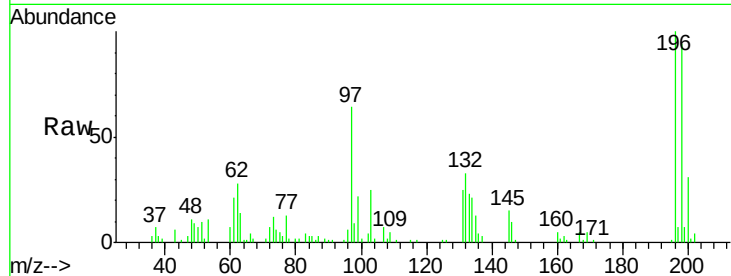




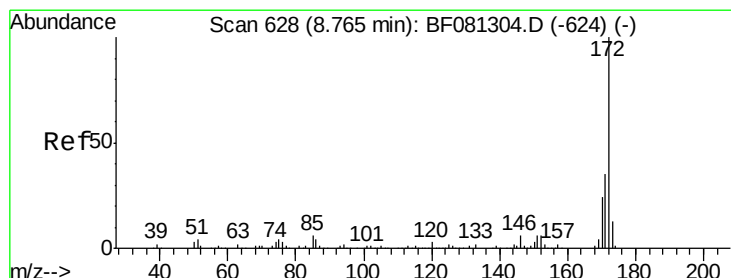
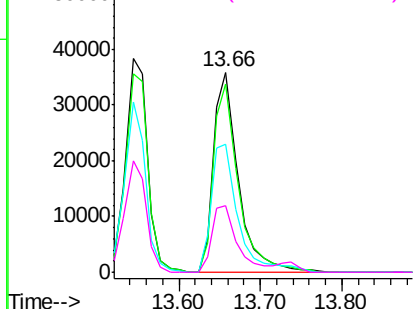
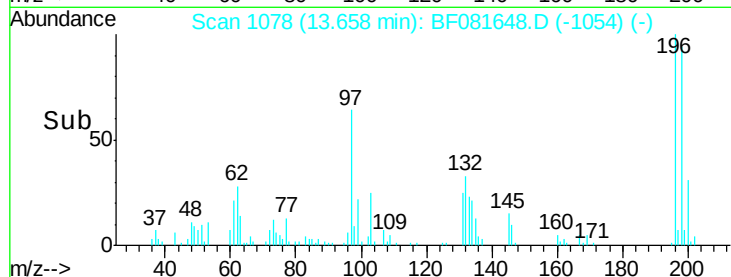
#43
 2,4,5-Trichlorophenol
 Concen: 38.60 ng
 RT: 13.66 min Scan# 1078
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

Tgt Ion:196 Resp: 76492
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.4 113.0
 97 64.1 33.3 49.9#
 132 33.4 24.6 37.0

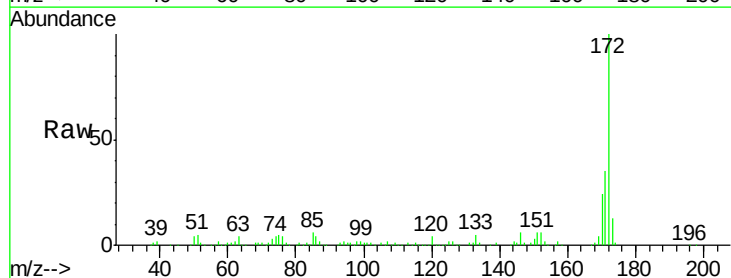


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

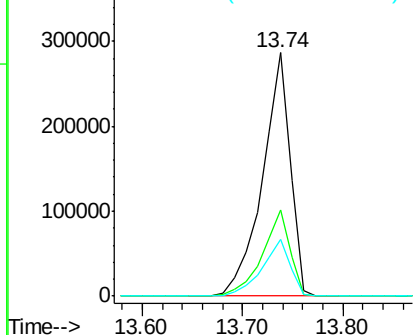
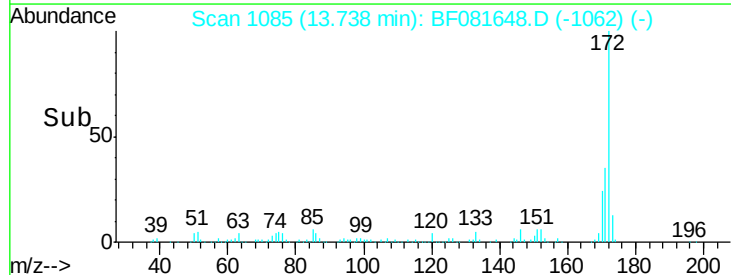


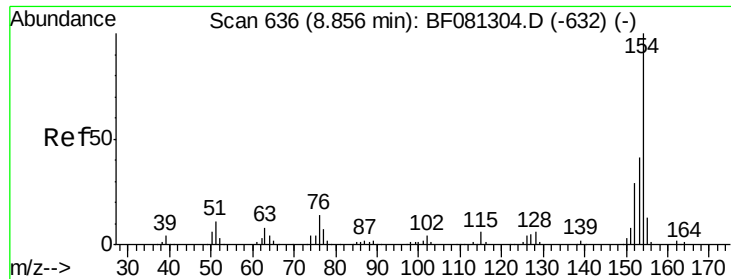
#44
 2-Fluorobiphenyl
 Concen: 78.75 ng
 RT: 13.74 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion:172 Resp: 546913
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.5 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: 36.73 ng

RT: 13.94 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

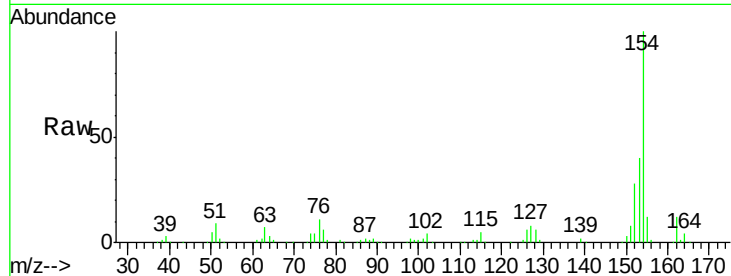
Tgt Ion:154 Resp: 300743

Ion Ratio Lower Upper

154 100

153 39.6 17.1 57.1

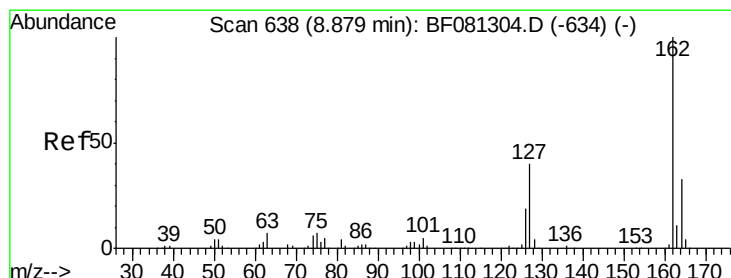
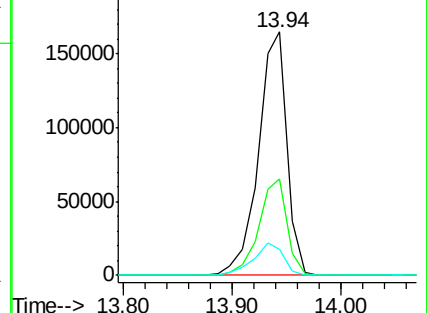
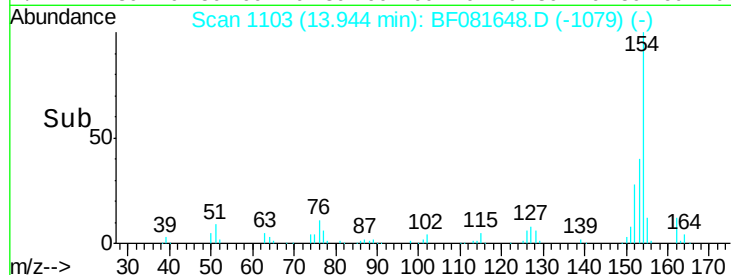
76 10.5 0.0 31.6



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: 37.72 ng

RT: 13.92 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

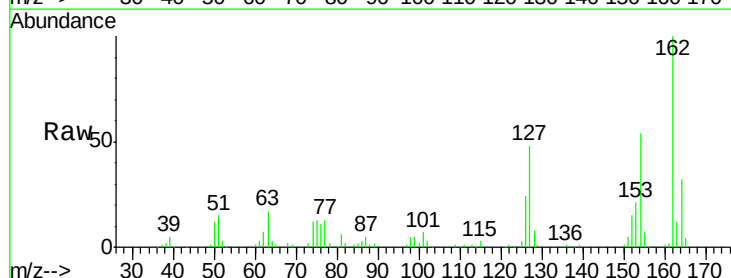
Tgt Ion:162 Resp: 223051

Ion Ratio Lower Upper

162 100

127 48.1 27.6 41.4#

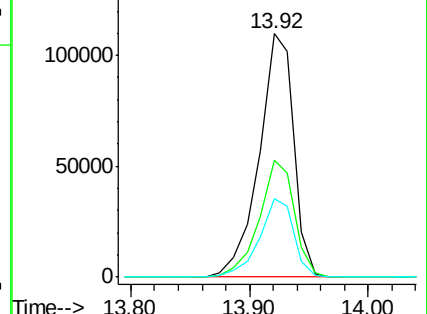
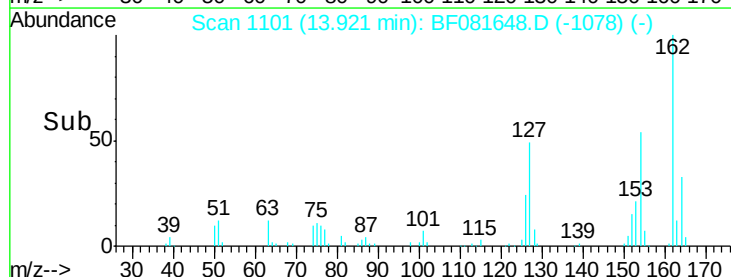
164 32.3 25.4 38.2

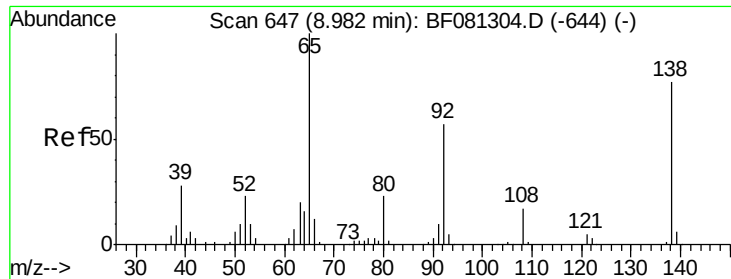


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

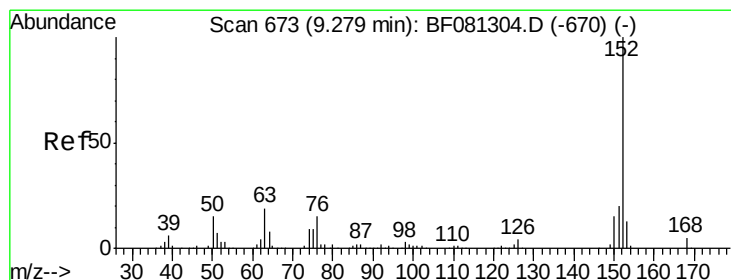
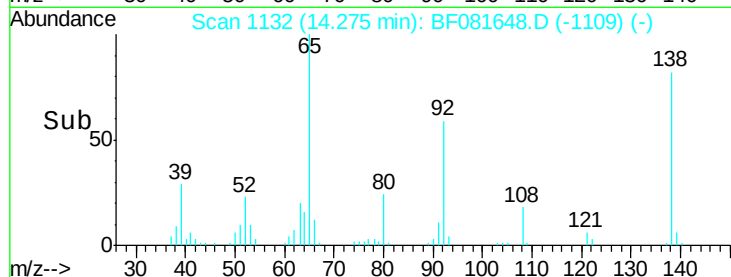
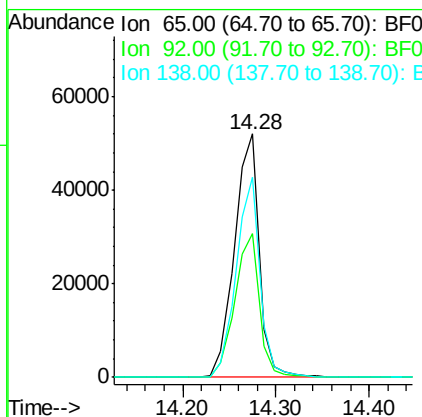
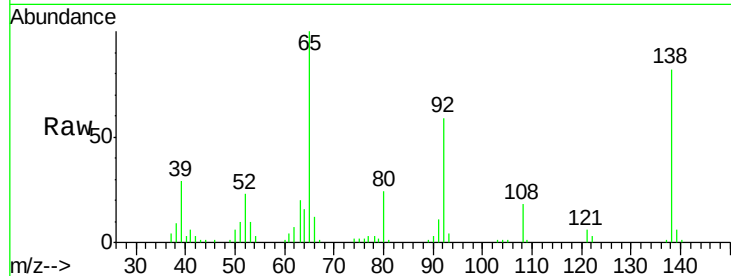




#47
 2-Nitroaniline
 Concen: 39.98 ng
 RT: 14.28 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

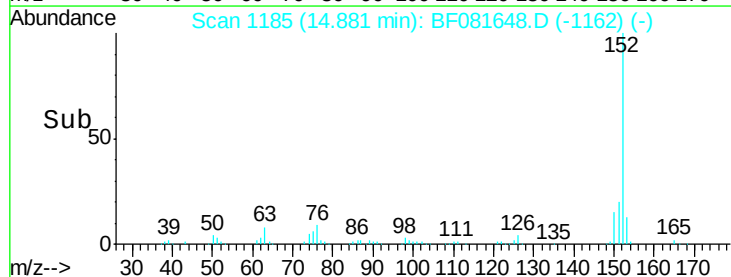
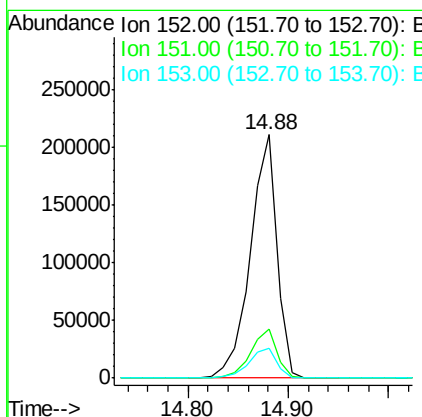
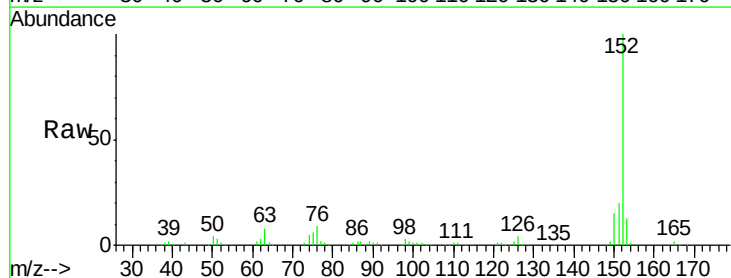
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

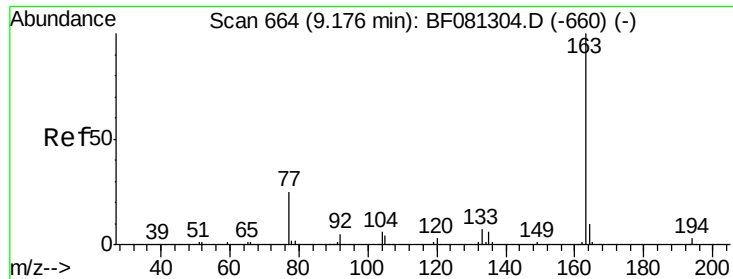
Tgt Ion: 65 Resp: 96354
 Ion Ratio Lower Upper
 65 100
 92 58.9 55.4 83.0
 138 82.2 115.5 173.3#



#48
 Acenaphthylene
 Concen: 37.03 ng
 RT: 14.88 min Scan# 1185
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion: 152 Resp: 388454
 Ion Ratio Lower Upper
 152 100
 151 20.2 14.6 22.0
 153 12.5 10.3 15.5





#49

Dimethylphthalate

Concen: 39.92 ng

RT: 14.81 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

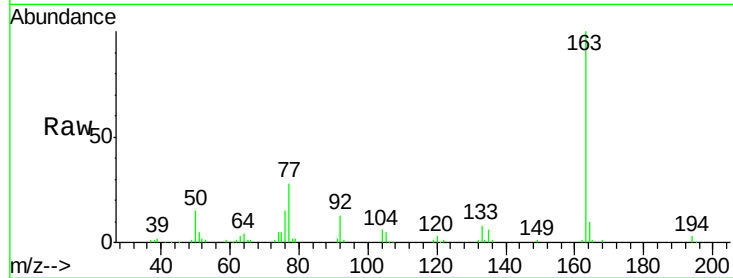
Tgt Ion:163 Resp: 276018

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

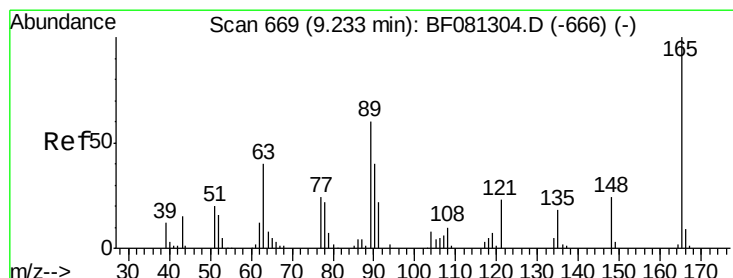
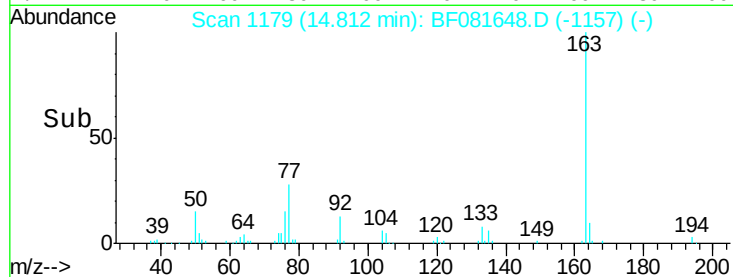
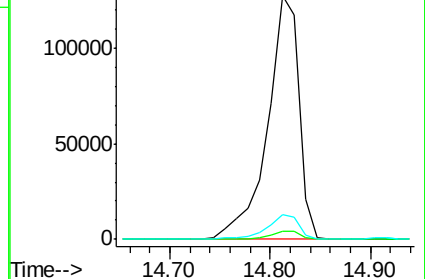
164 10.3 8.3 12.5



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: 36.72 ng

RT: 14.92 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

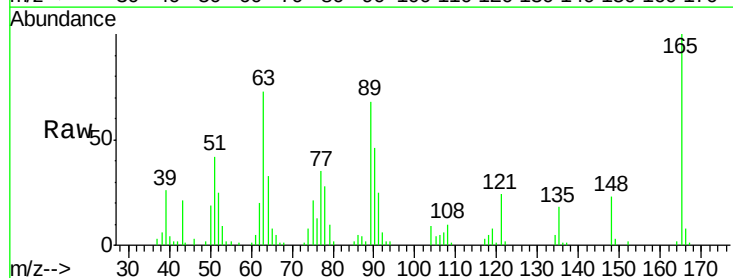
Tgt Ion:165 Resp: 57633

Ion Ratio Lower Upper

165 100

63 73.4 32.3 48.5#

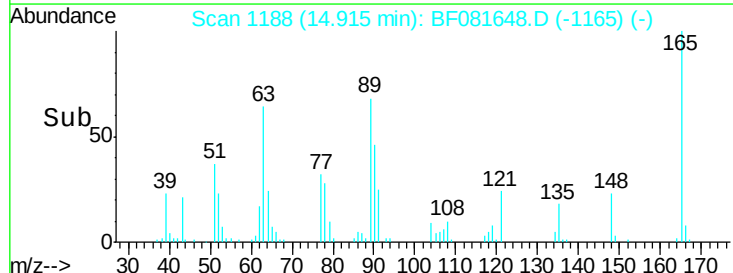
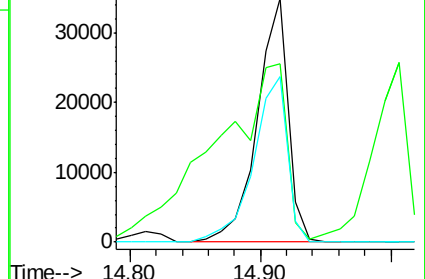
89 67.9 28.6 43.0#

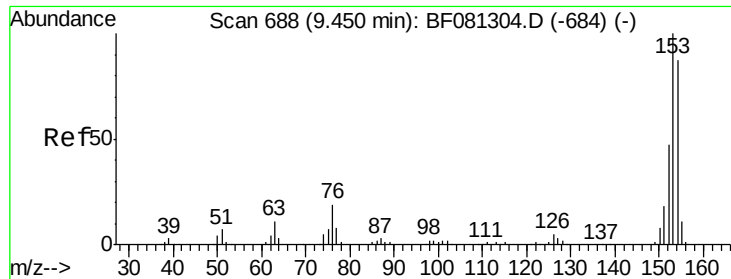


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.13 ng

RT: 15.30 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

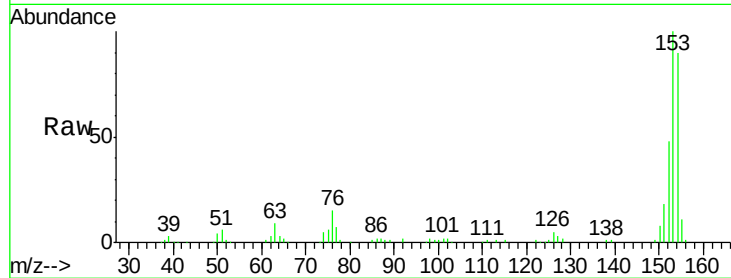
Tgt Ion:154 Resp: 221603

Ion Ratio Lower Upper

154 100

153 111.6 82.1 123.1

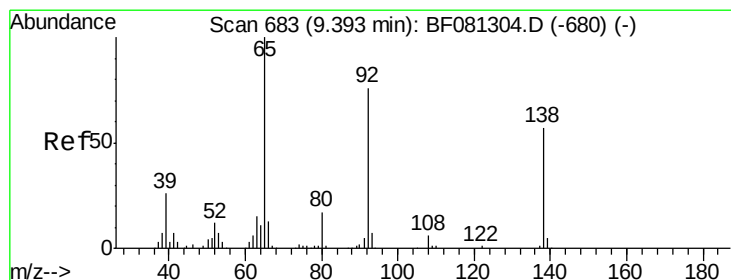
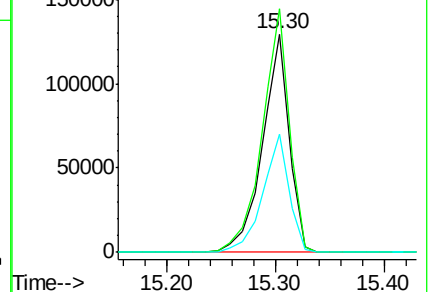
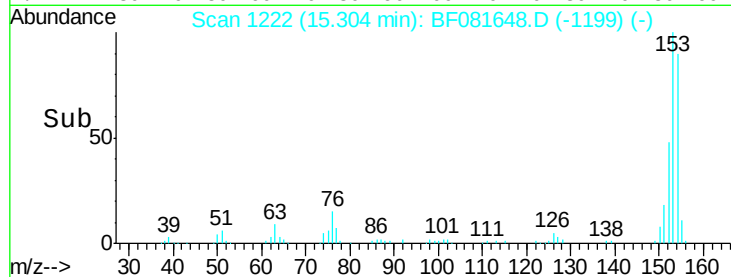
152 54.0 37.9 56.9



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: 24.18 ng

RT: 15.27 min Scan# 1219

Delta R.T. -0.05 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

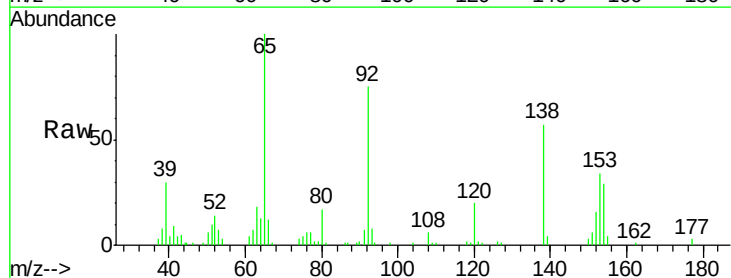
Tgt Ion:138 Resp: 43192

Ion Ratio Lower Upper

138 100

108 11.4 5.7 8.5#

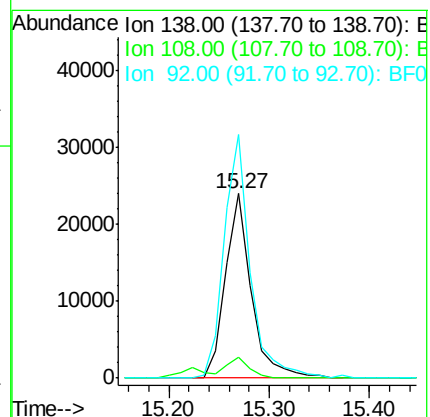
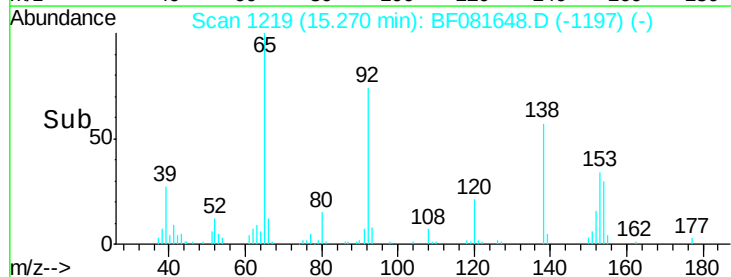
92 132.2 67.7 101.5#

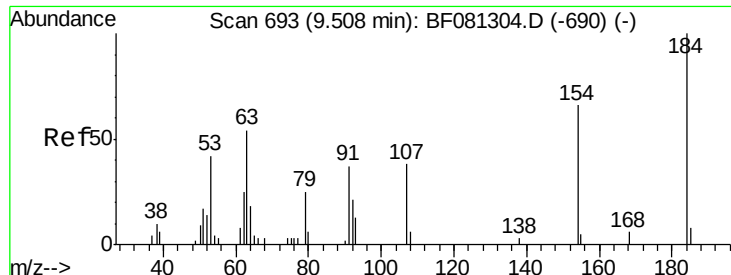


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

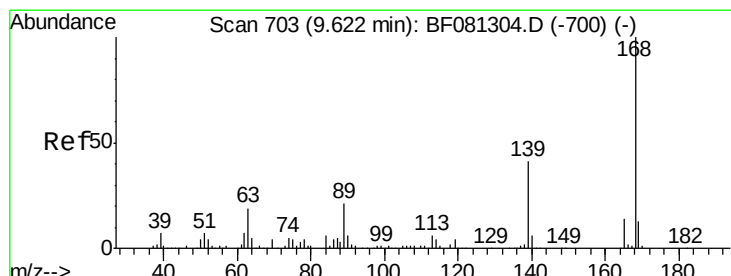
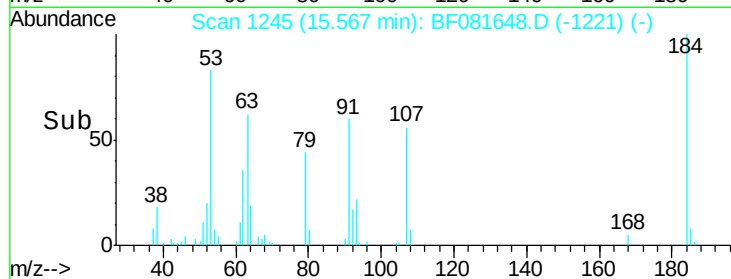
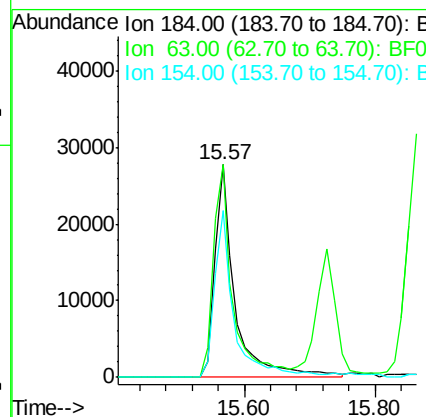
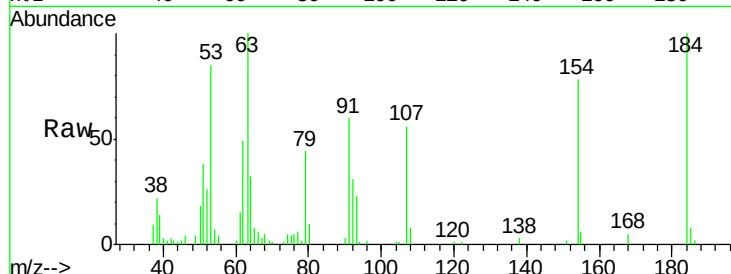




#53
 2,4-Dinitrophenol
 Concen: 75.80 ng
 RT: 15.57 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

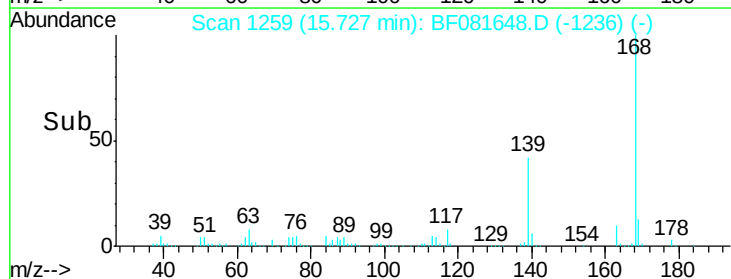
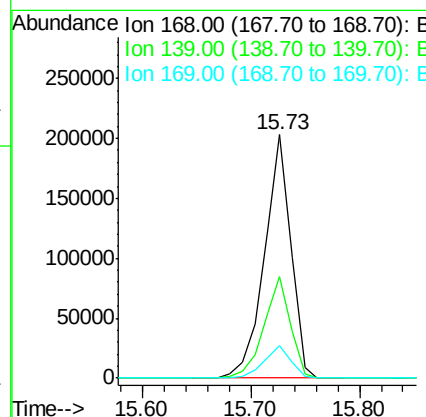
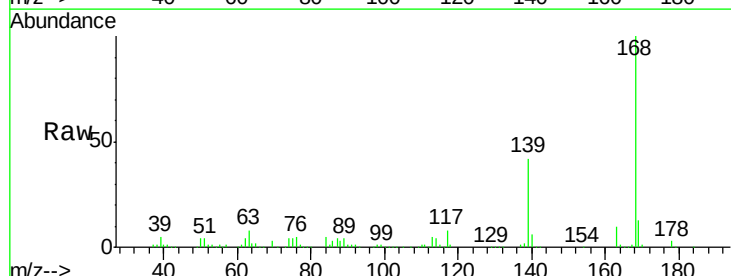
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

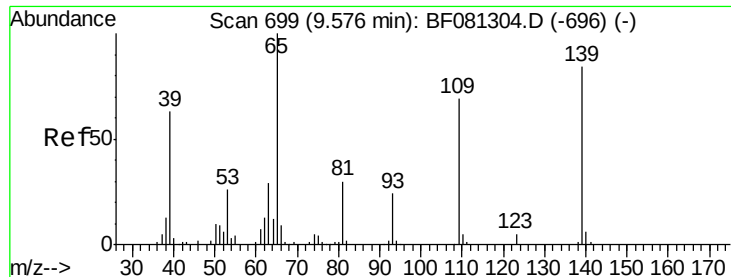
Tgt Ion:184 Resp: 60418
 Ion Ratio Lower Upper
 184 100
 63 100.3 35.4 53.2#
 154 78.4 32.2 48.4#



#54
 Dibenzofuran
 Concen: 39.50 ng
 RT: 15.73 min Scan# 1259
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion:168 Resp: 344215
 Ion Ratio Lower Upper
 168 100
 139 41.6 24.2 36.2#
 169 13.4 10.6 15.8

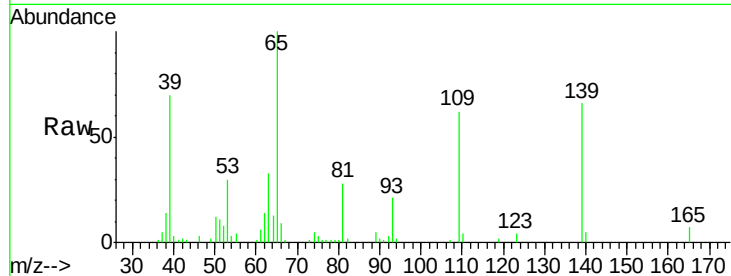




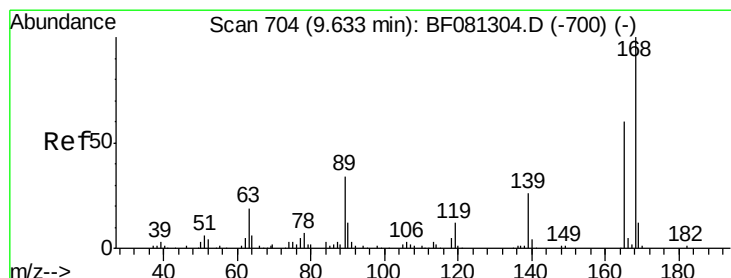
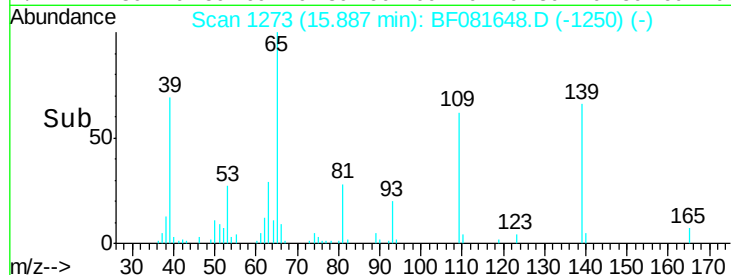
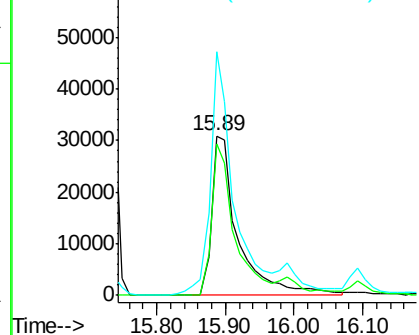
#55
4-Nitrophenol
Concen: 74.06 ng
RT: 15.89 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

Instrument :
BNA_F
ClientSampleId :
PB85464BSD

Tgt Ion:139 Resp: 83127
Ion Ratio Lower Upper
139 100
109 94.9 12.7 52.7#
65 152.4 45.9 85.9#

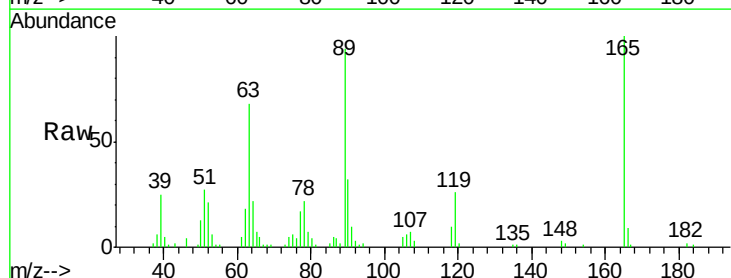


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

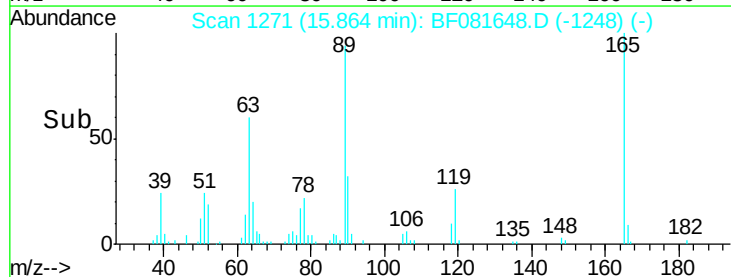
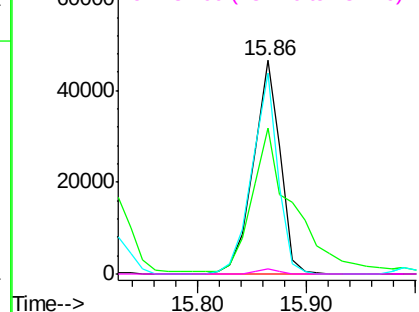


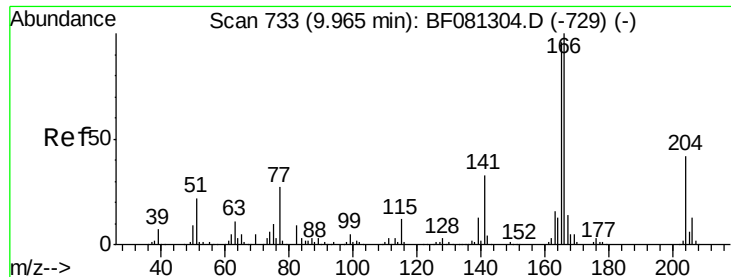
#56
2,4-Dinitrotoluene
Concen: 40.04 ng
RT: 15.86 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

Tgt Ion:165 Resp: 80013
Ion Ratio Lower Upper
165 100
63 68.2 29.8 44.6#
89 94.4 44.5 66.7#
182 2.4 3.0 4.4#



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
Ion 182.00 (181.70 to 182.70): E

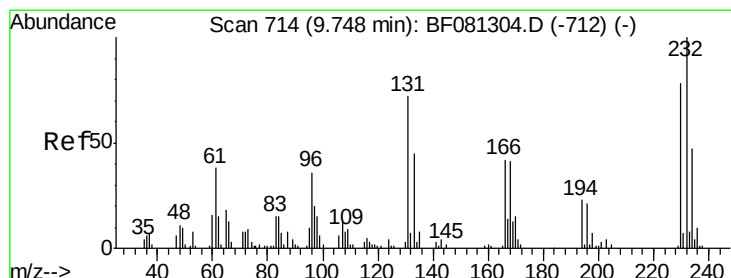
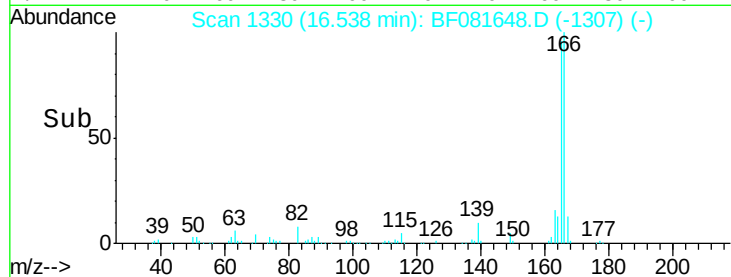
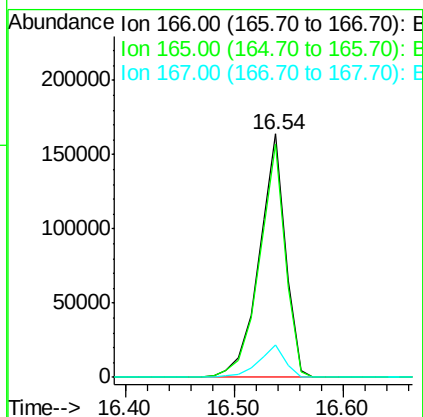
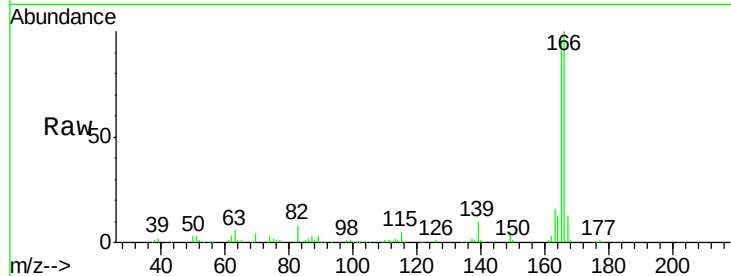




#57
 Fluorene
 Concen: 41.56 ng
 RT: 16.54 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

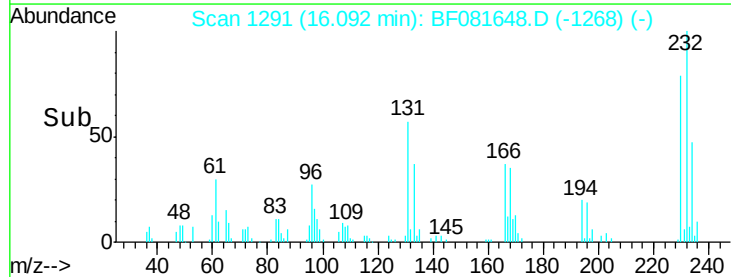
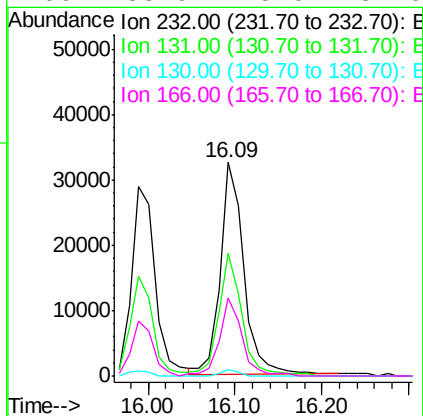
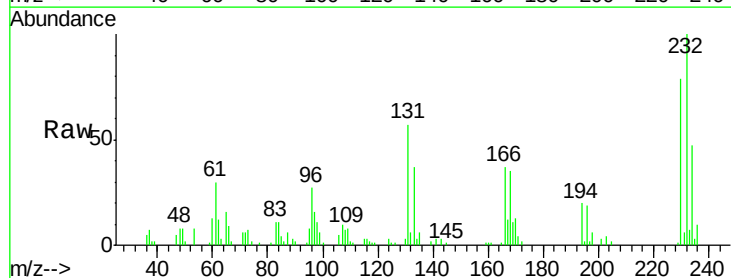
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

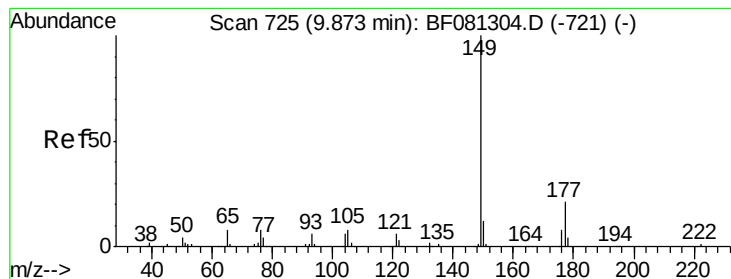
Tgt Ion:166 Resp: 274848
 Ion Ratio Lower Upper
 166 100
 165 95.7 72.6 109.0
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.53 ng
 RT: 16.09 min Scan# 1291
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion:232 Resp: 61313
 Ion Ratio Lower Upper
 232 100
 131 57.5 38.5 57.7
 130 2.5 1.8 2.6
 166 35.9 25.0 37.6





#59

Diethylphthalate

Concen: 42.72 ng

RT: 16.52 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

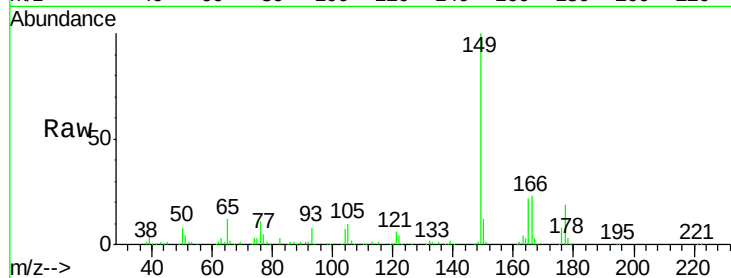
Tgt Ion:149 Resp: 310684

Ion Ratio Lower Upper

149 100

177 18.5 17.5 26.3

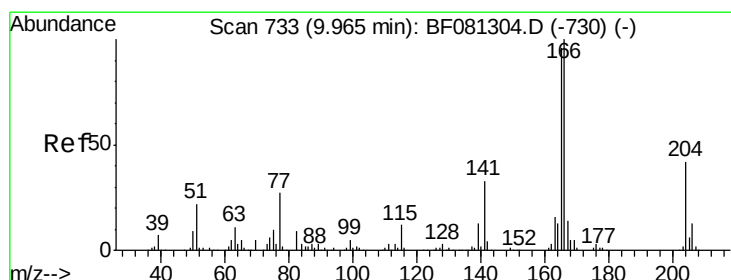
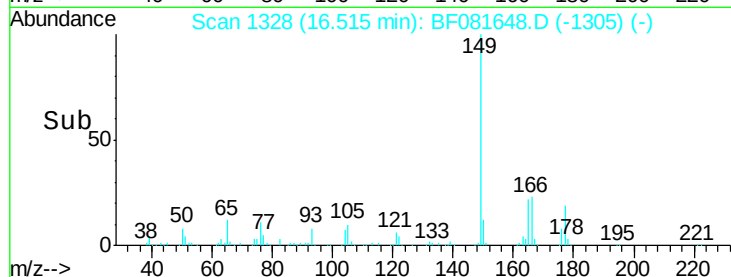
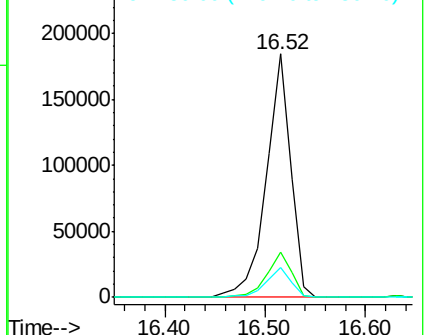
150 12.2 9.4 14.2



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: 42.85 ng

RT: 16.63 min Scan# 1338

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

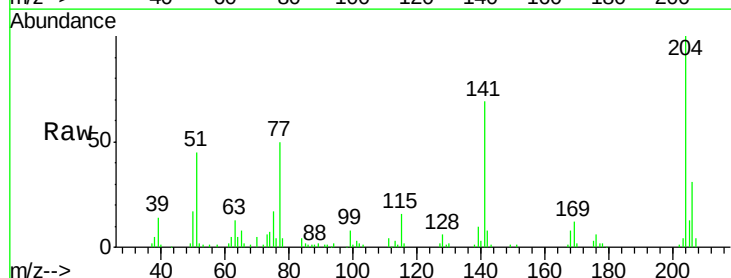
Tgt Ion:204 Resp: 132057

Ion Ratio Lower Upper

204 100

206 31.0 24.8 37.2

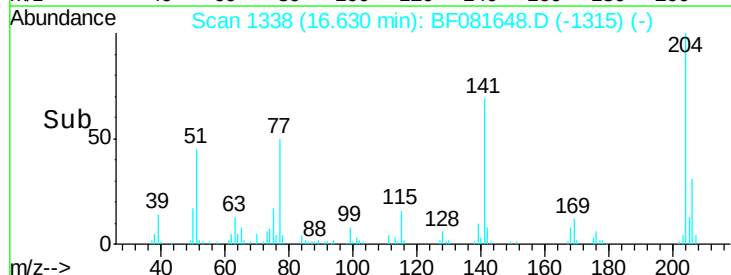
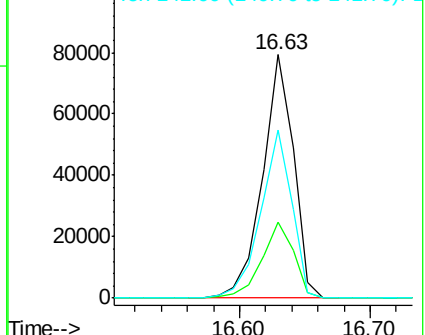
141 69.2 42.2 63.4#

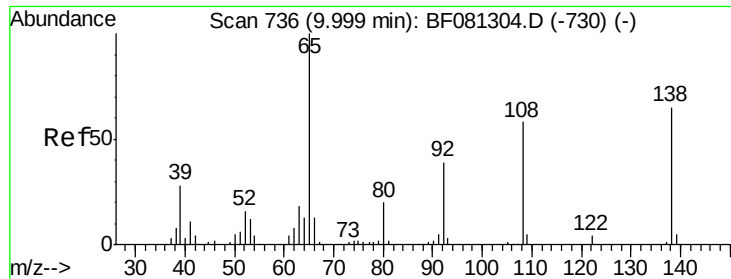


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.99 ng

RT: 16.74 min Scan# 1348

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

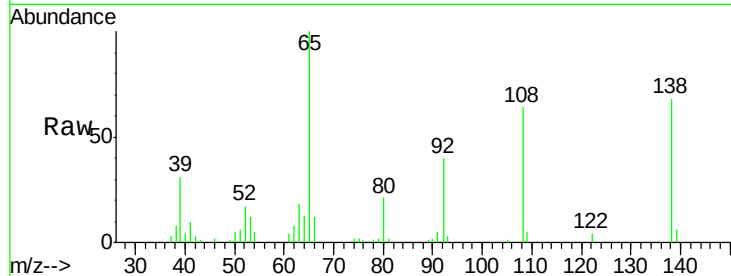
Tgt Ion:138 Resp: 57740

Ion Ratio Lower Upper

138 100

92 58.3 12.6 52.6#

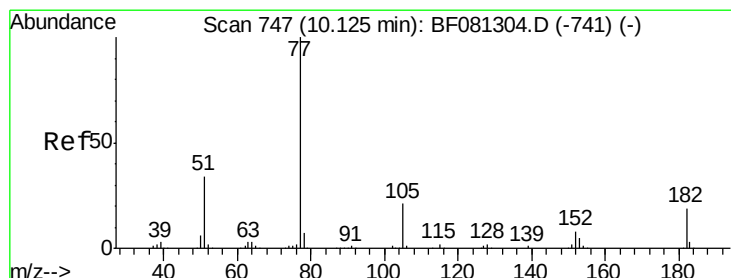
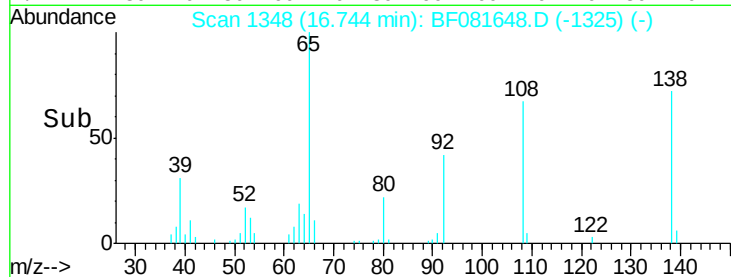
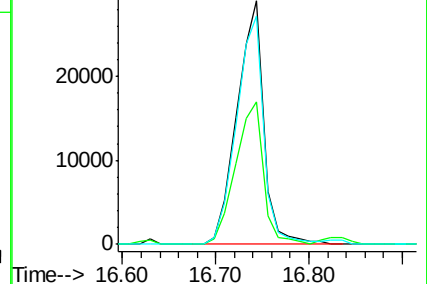
108 93.6 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.36 ng

RT: 17.00 min Scan# 1370

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Tgt Ion: 77 Resp: 342568

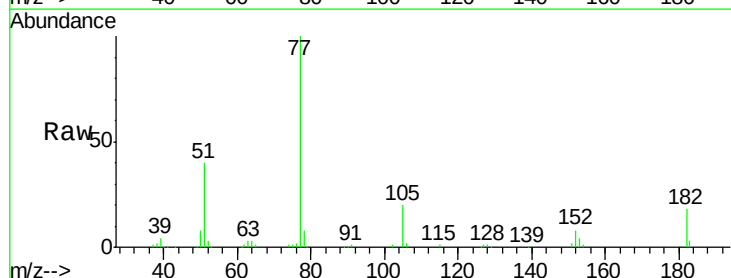
Ion Ratio Lower Upper

77 100

182 18.1 15.1 55.1

105 19.8 3.4 43.4

51 39.7 12.0 52.0

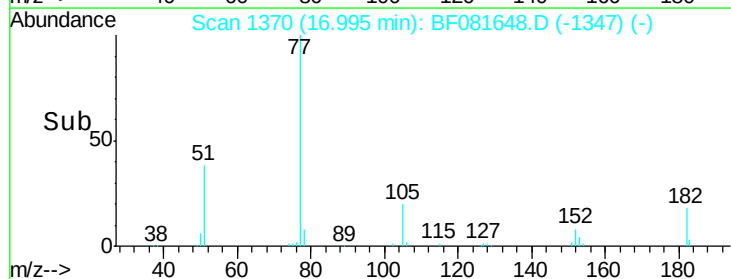
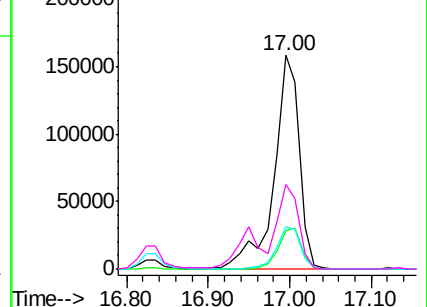


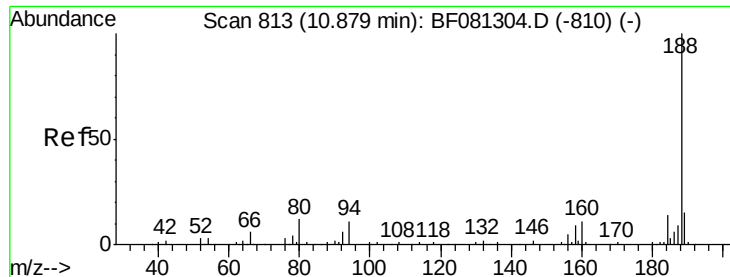
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

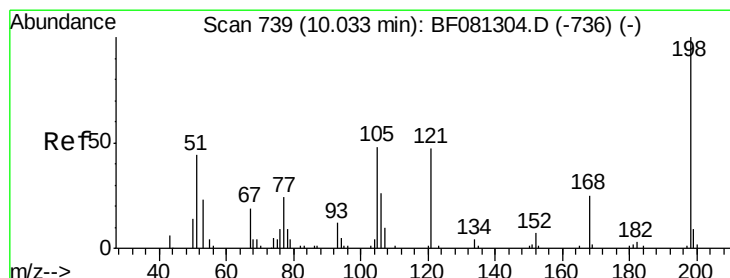
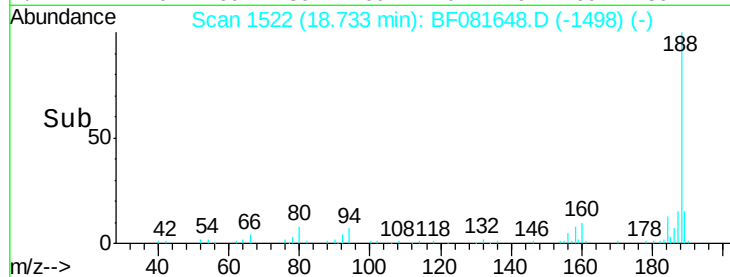
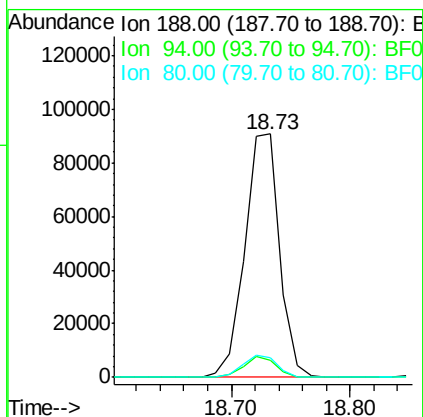
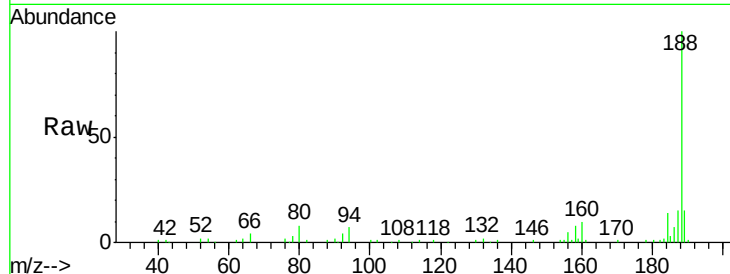




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.73 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

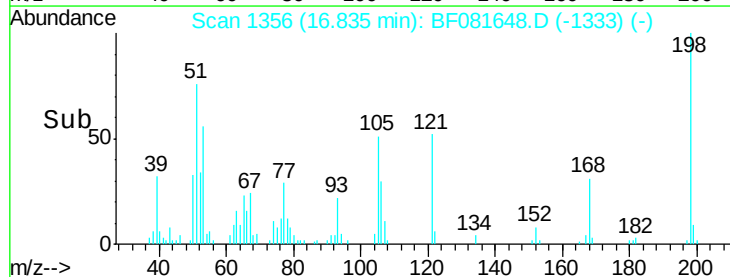
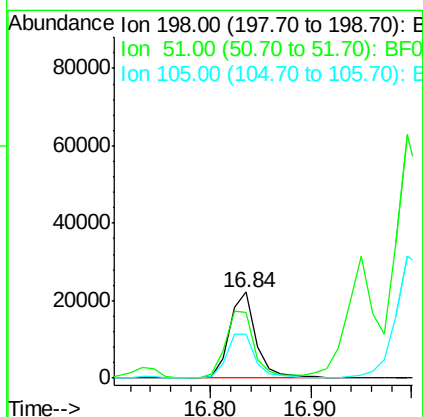
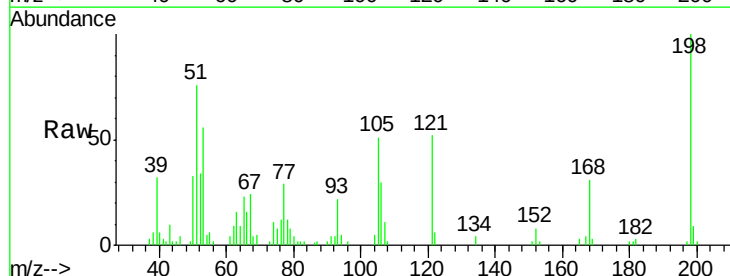
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

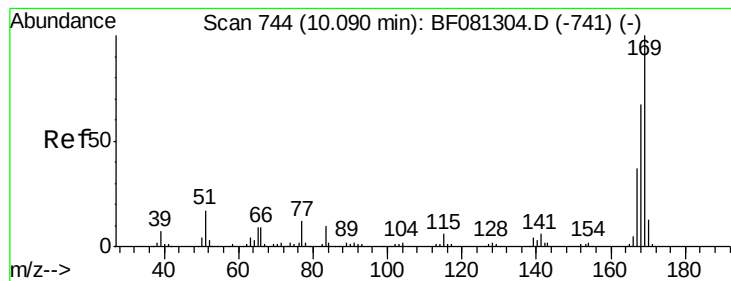
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	11.1	16.7#
80	7.8	11.0	16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.11 ng
 RT: 16.84 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion	Ratio	Lower	Upper
198	100		
51	76.4	39.6	79.6
105	50.9	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 35.56 ng

RT: 16.95 min Scan# 1366

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

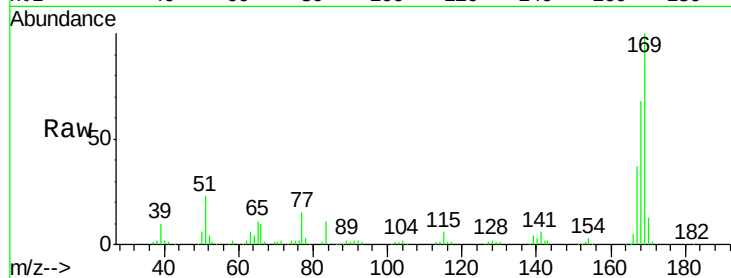
Tgt Ion:169 Resp: 239256

Ion Ratio Lower Upper

169 100

168 67.6 48.9 73.3

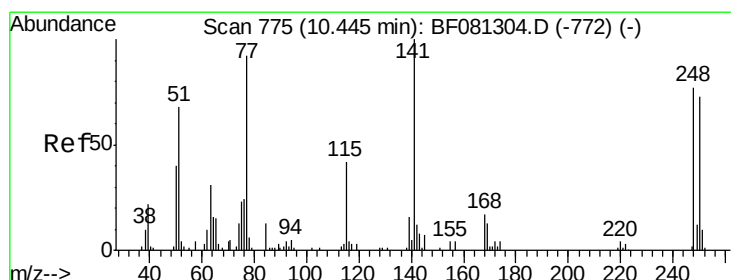
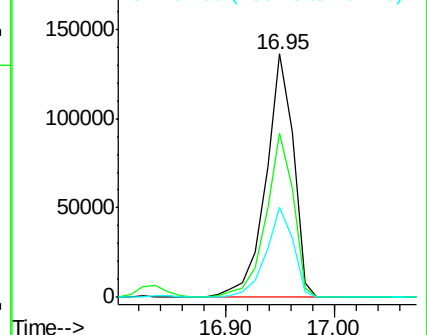
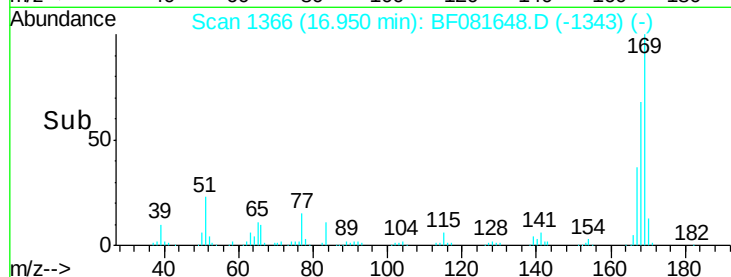
167 37.1 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.61 ng

RT: 17.77 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

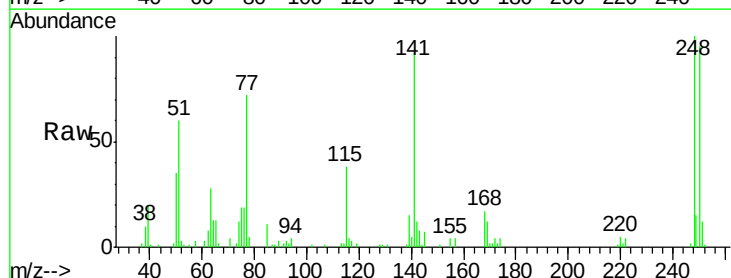
Tgt Ion:248 Resp: 74058

Ion Ratio Lower Upper

248 100

250 95.3 78.5 117.7

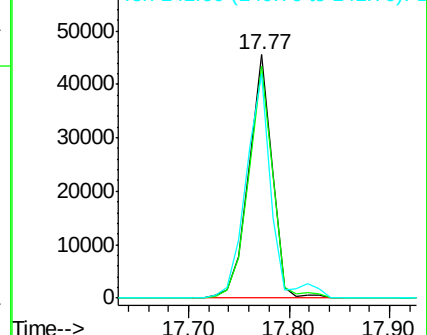
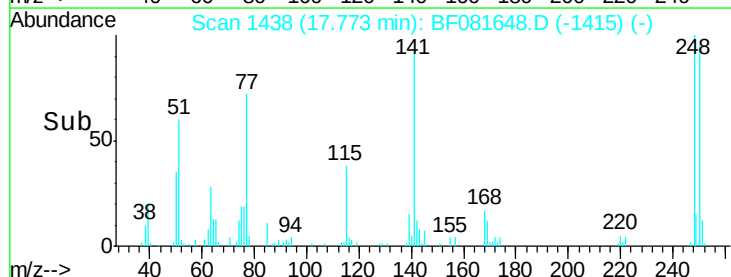
141 92.1 59.0 88.6#

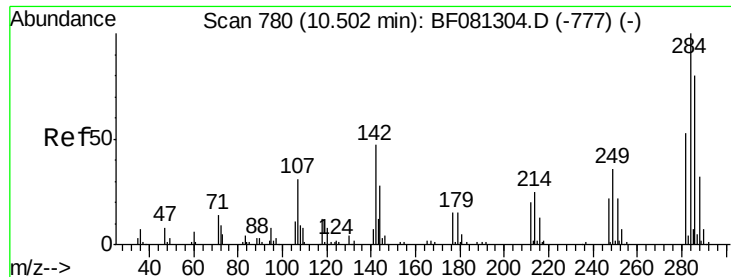


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.37 ng

RT: 17.83 min Scan# 1443

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

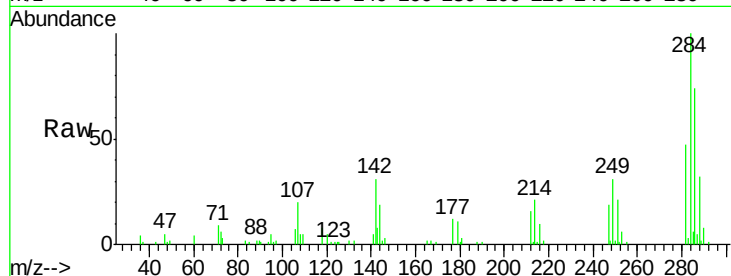
Tgt Ion:284 Resp: 76971

Ion Ratio Lower Upper

284 100

142 31.0 29.5 44.3

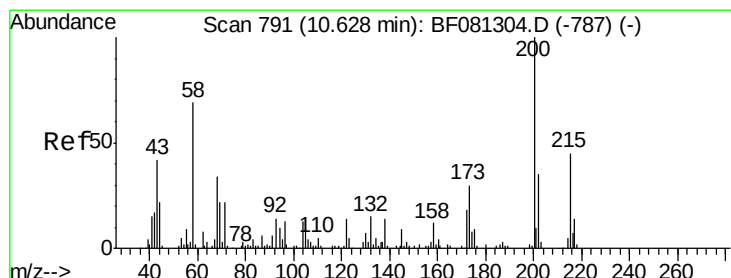
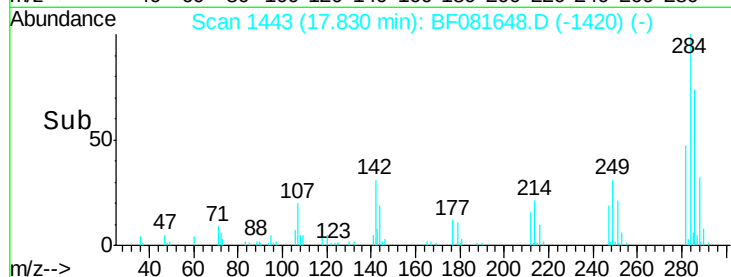
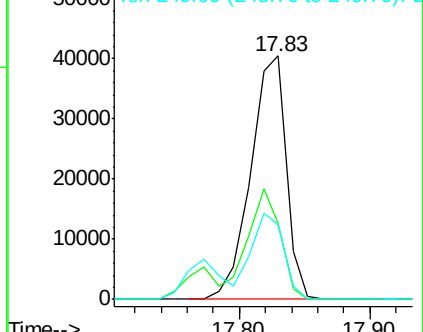
249 30.8 19.5 29.3#



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: 45.28 ng

RT: 18.36 min Scan# 1489

Delta R.T. -0.05 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

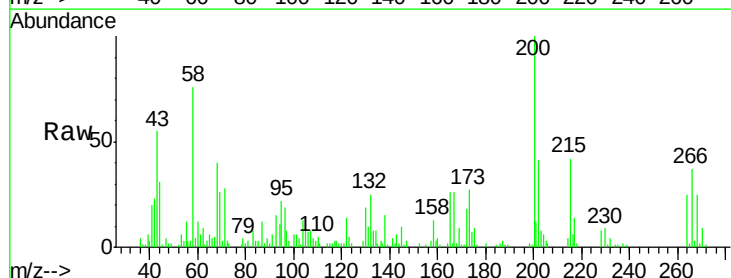
Tgt Ion:200 Resp: 88155

Ion Ratio Lower Upper

200 100

173 26.6 13.2 53.2

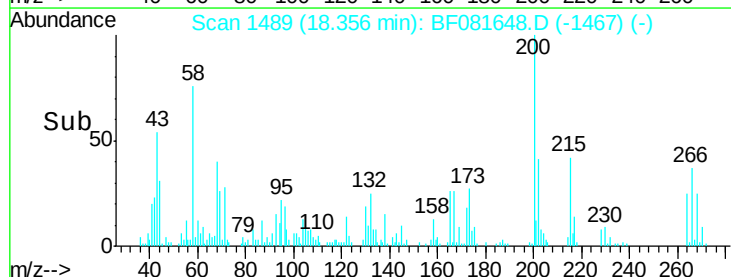
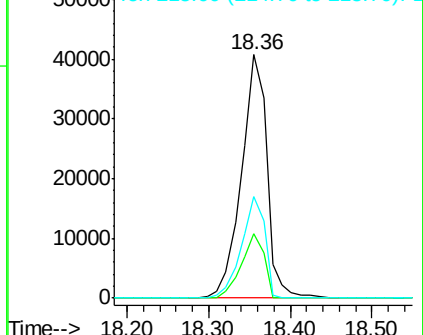
215 41.5 41.8 81.8#

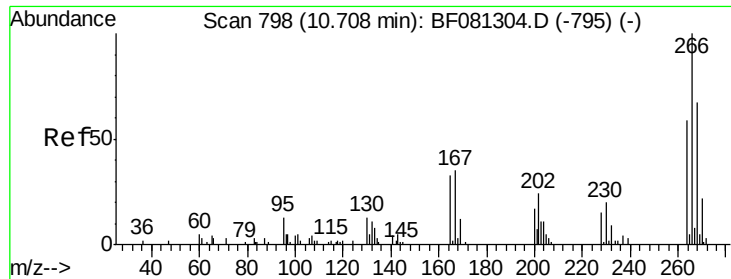


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

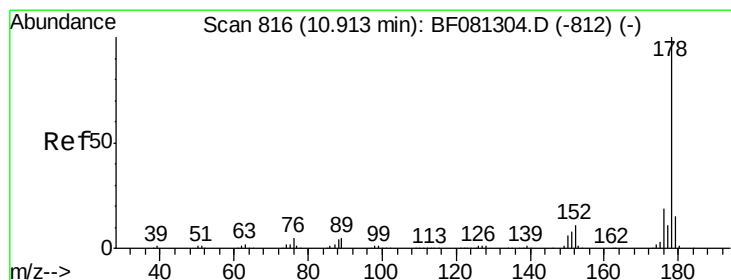
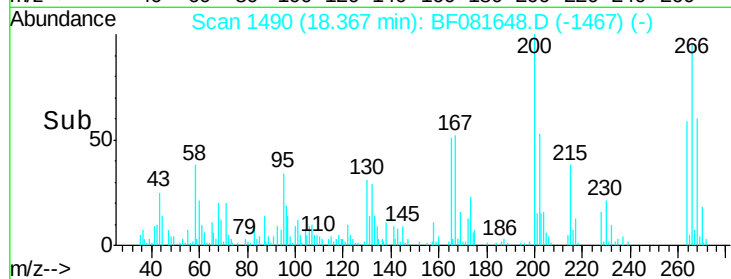
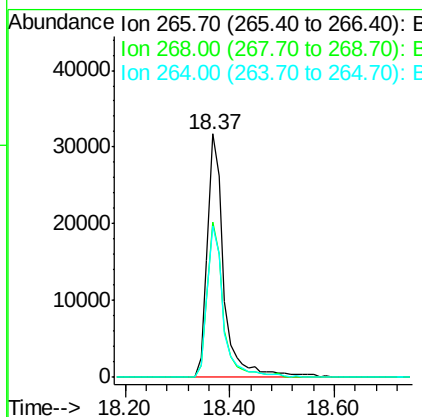
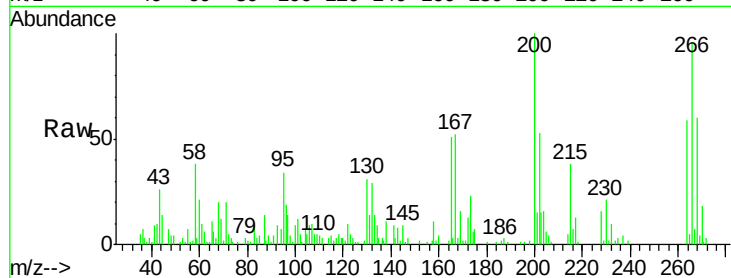




#69
 Pentachlorophenol
 Concen: 74.18 ng
 RT: 18.37 min Scan# 1490
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

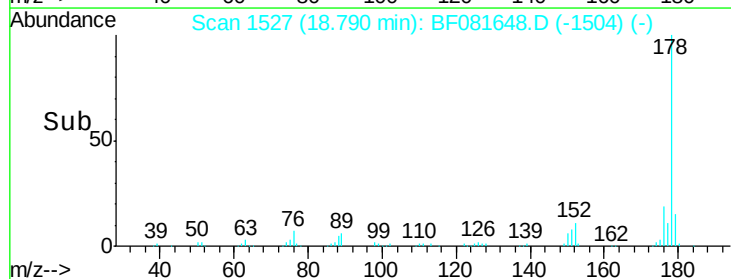
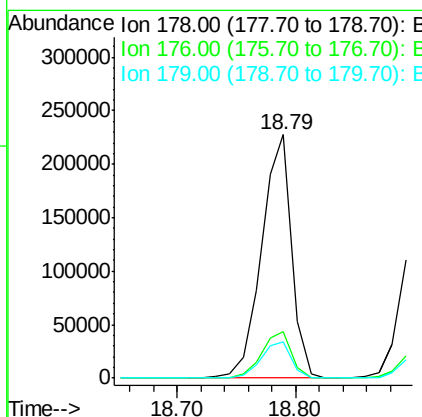
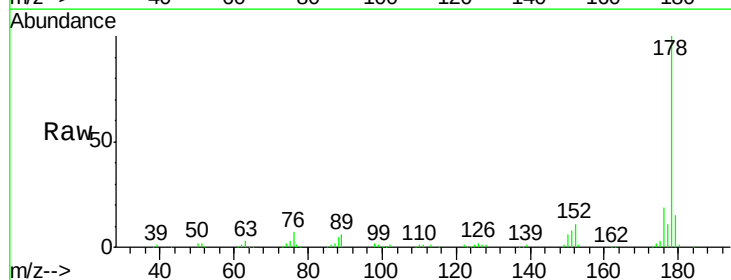
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

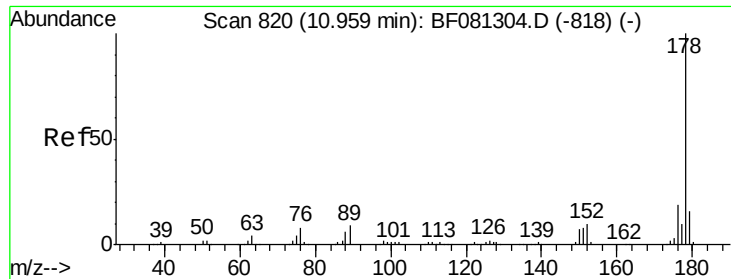
Tgt Ion: 266 Resp: 69917
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.8 74.6
 264 62.3 50.2 75.2



#70
 Phenanthrene
 Concen: 38.83 ng
 RT: 18.79 min Scan# 1527
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion: 178 Resp: 399143
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 14.7 12.2 18.2

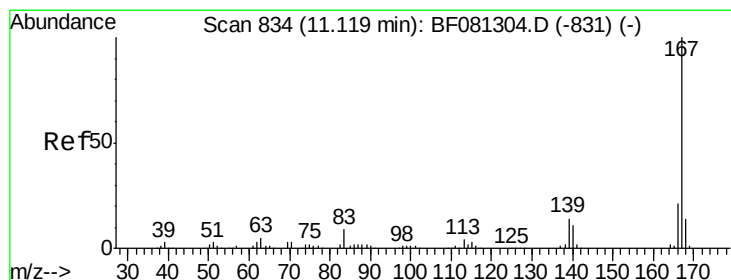
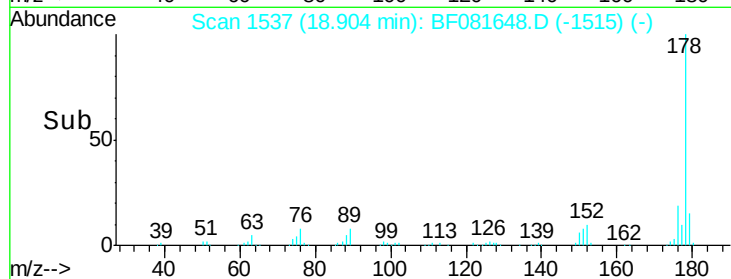
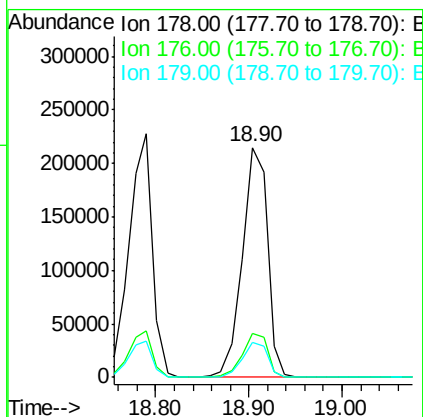
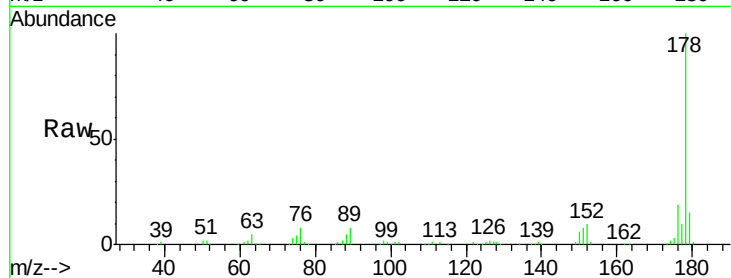




#71
 Anthracene
 Concen: 38.18 ng
 RT: 18.90 min Scan# 1537
 Delta R.T. -0.05 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

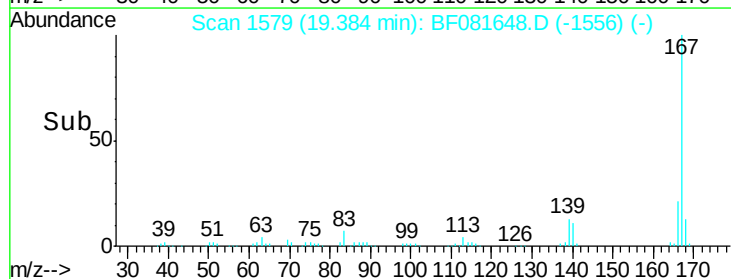
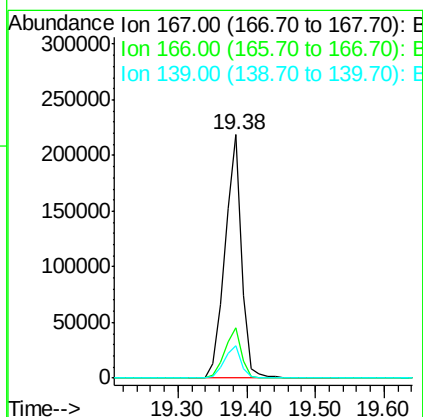
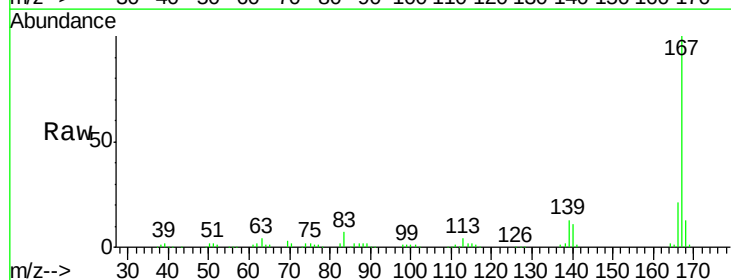
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

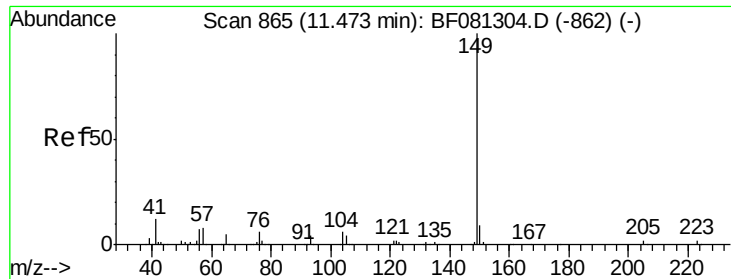
Tgt Ion:178 Resp: 403274
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.4 12.2 18.2



#72
 Carbazole
 Concen: 37.45 ng
 RT: 19.38 min Scan# 1579
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion:167 Resp: 371125
 Ion Ratio Lower Upper
 167 100
 166 20.6 15.7 23.5
 139 13.5 9.5 14.3





#73

Di-n-butylphthalate

Concen: 43.01 ng

RT: 20.44 min Scan# 1671

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

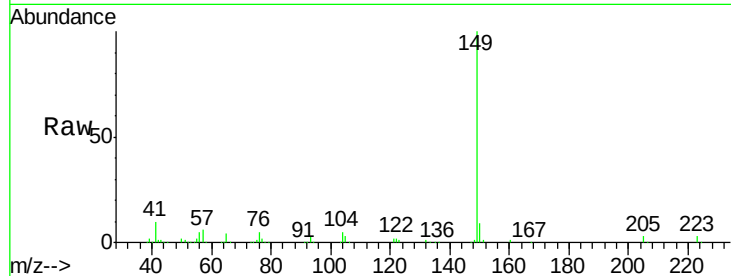
Tgt Ion:149 Resp: 503369

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

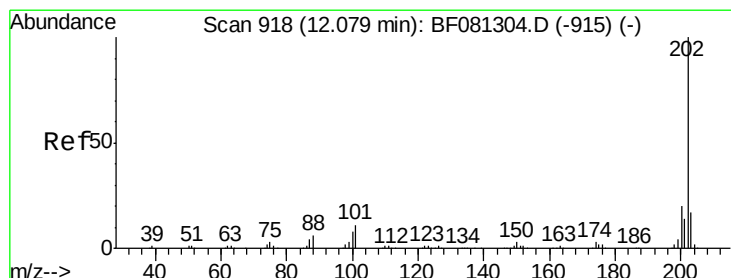
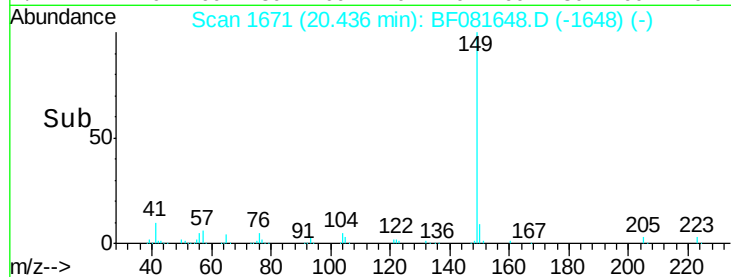
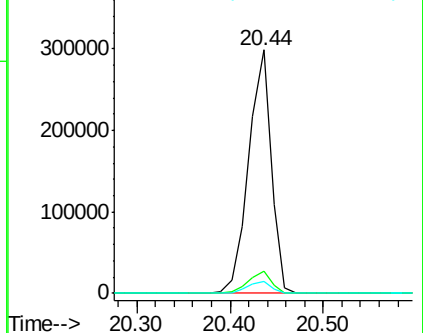
104 5.1 2.4 3.6#



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: 39.62 ng

RT: 21.41 min Scan# 1756

Delta R.T. -0.02 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

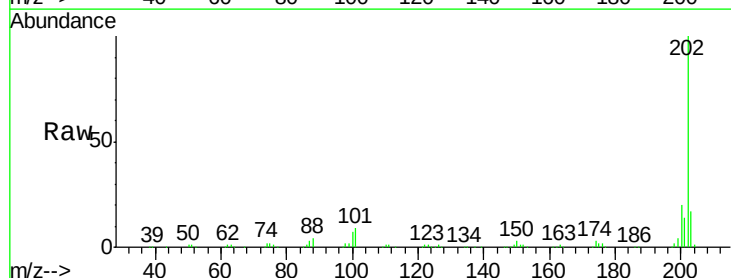
Tgt Ion:202 Resp: 440890

Ion Ratio Lower Upper

202 100

101 8.6 0.0 38.3

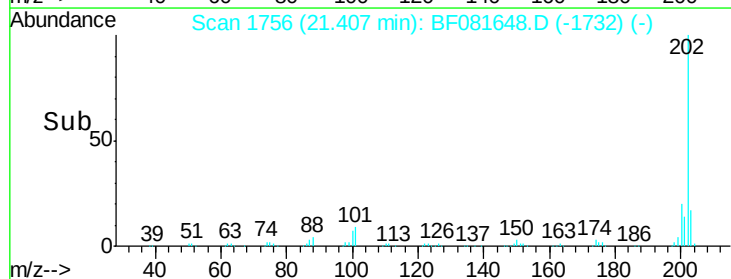
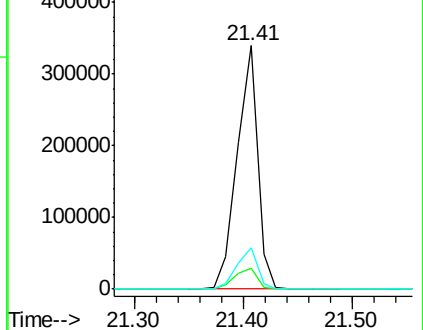
203 16.8 0.0 37.3

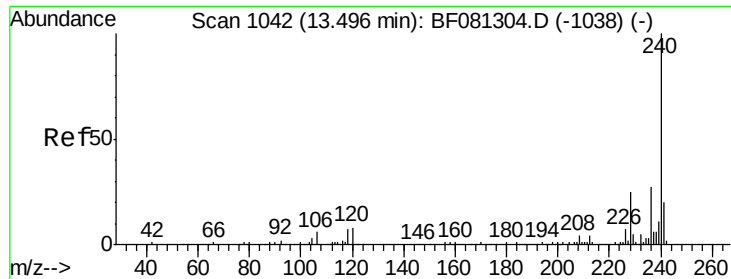


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

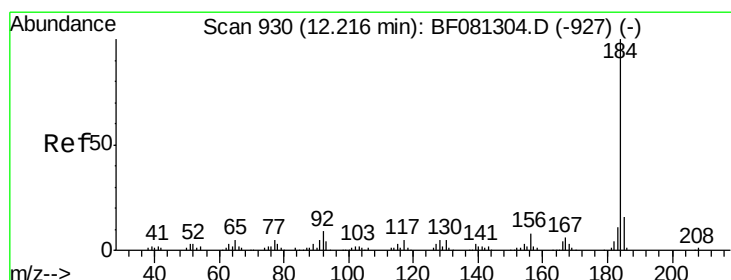
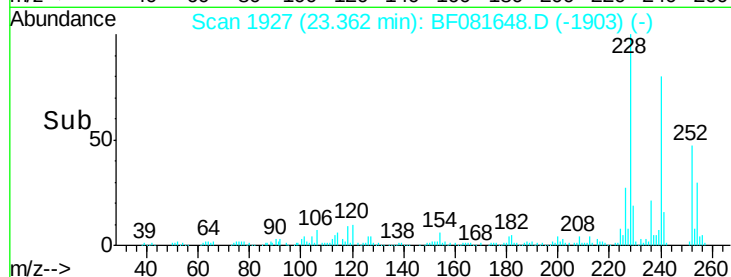
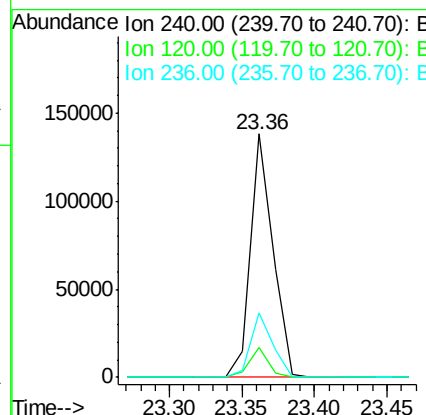
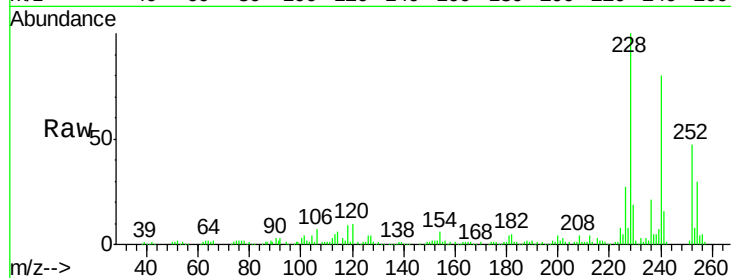




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.36 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

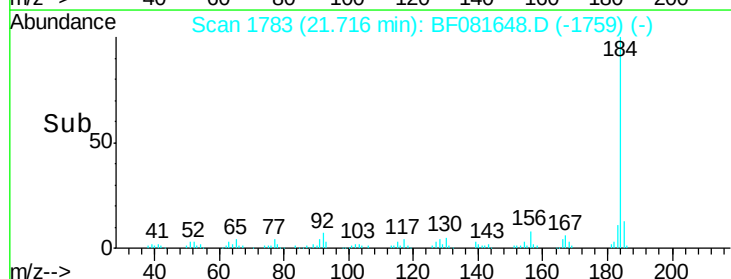
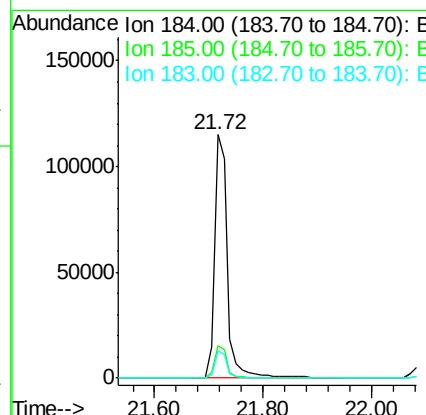
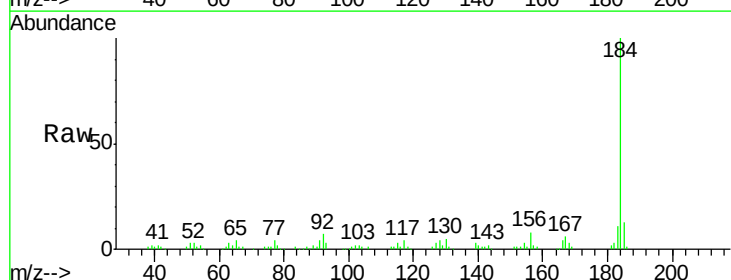
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

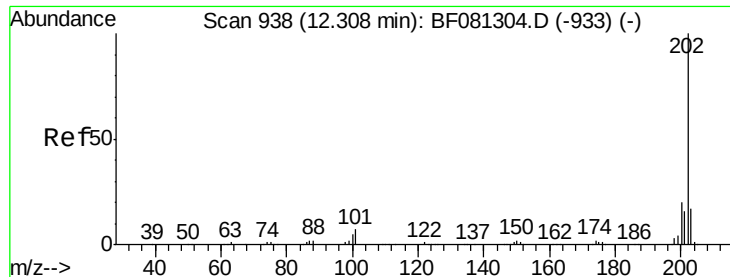
Tgt Ion:240 Resp: 148937
 Ion Ratio Lower Upper
 240 100
 120 12.4 16.2 24.2#
 236 26.5 18.4 27.6



#76
 Benzidine
 Concen: 29.62 ng
 RT: 21.72 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion:184 Resp: 189405
 Ion Ratio Lower Upper
 184 100
 185 13.5 11.8 17.6
 183 11.2 7.6 11.4





#77

Pyrene

Concen: 40.65 ng

RT: 21.75 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

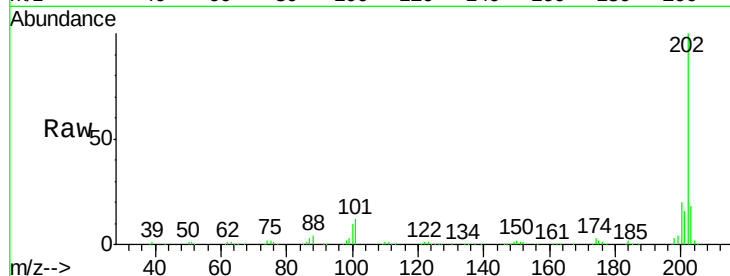
Tgt Ion:202 Resp: 448488

Ion Ratio Lower Upper

202 100

200 20.0 15.0 22.4

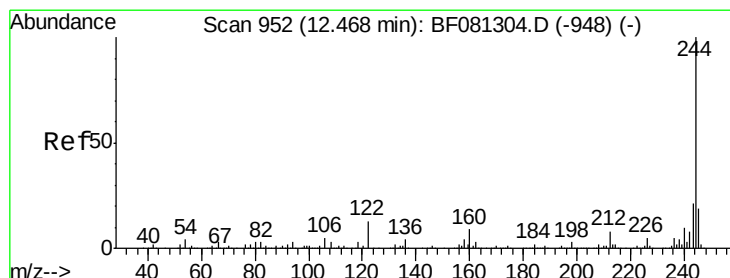
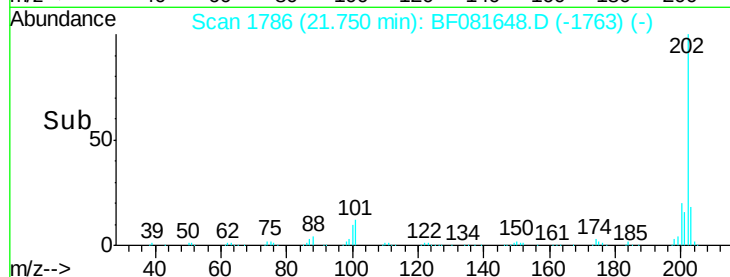
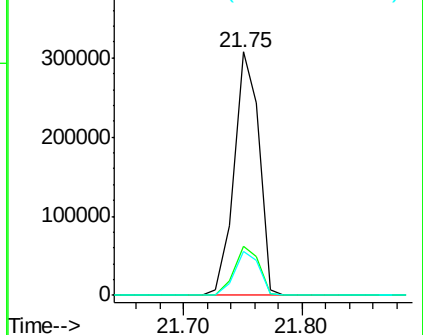
203 18.0 14.1 21.1



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: 90.43 ng

RT: 22.09 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

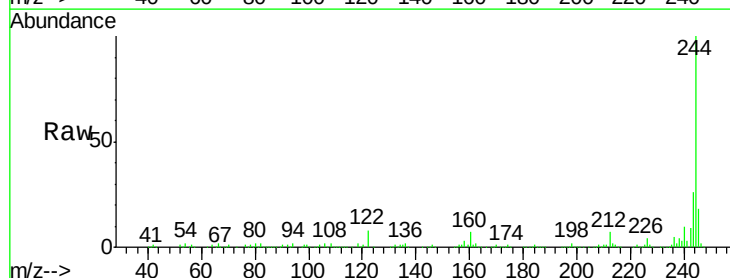
Tgt Ion:244 Resp: 578556

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

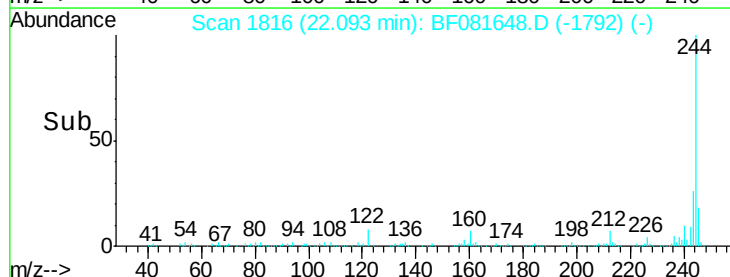
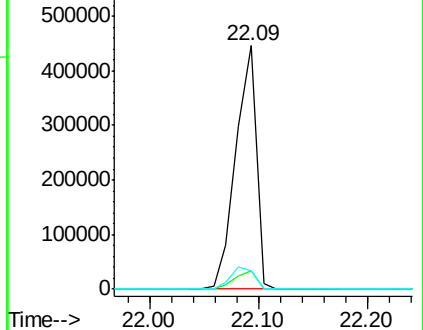
122 7.7 17.4 26.2#

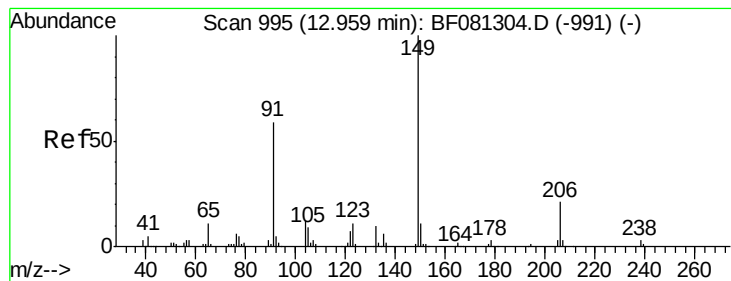


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.09 ng

RT: 22.78 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

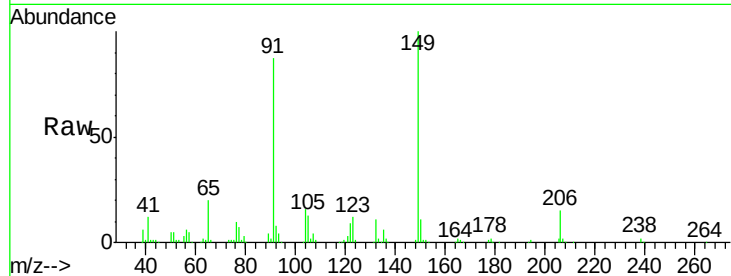
Tgt Ion:149 Resp: 206739

Ion Ratio Lower Upper

149 100

91 87.0 48.6 72.8#

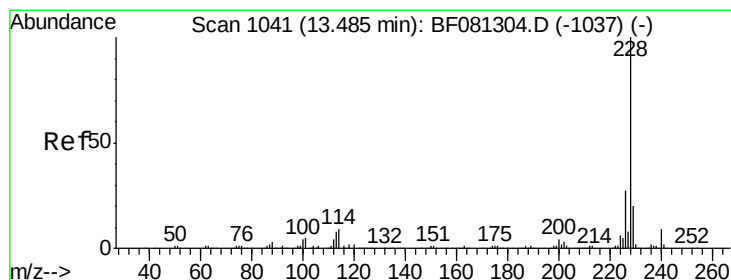
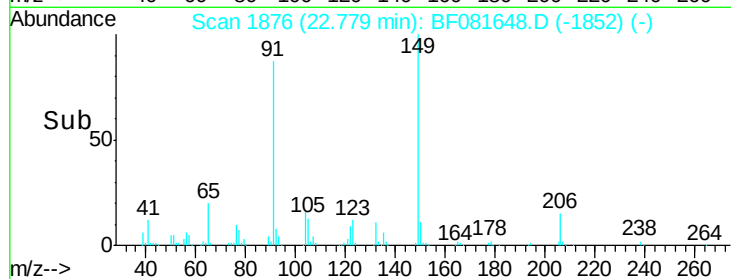
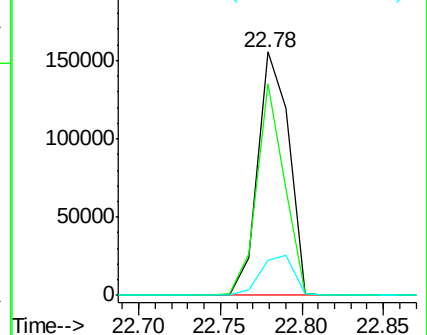
206 14.6 14.9 22.3#



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: 39.76 ng

RT: 23.35 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

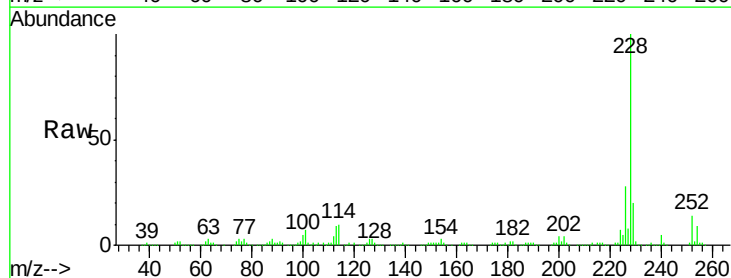
Tgt Ion:228 Resp: 377084

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

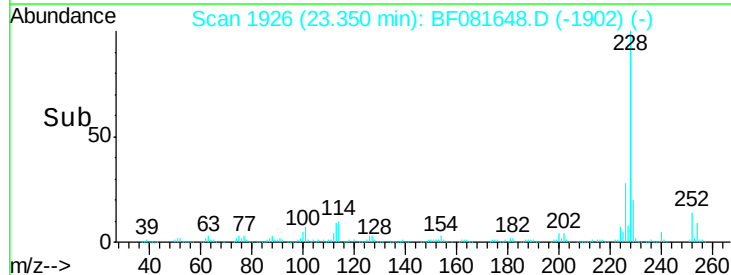
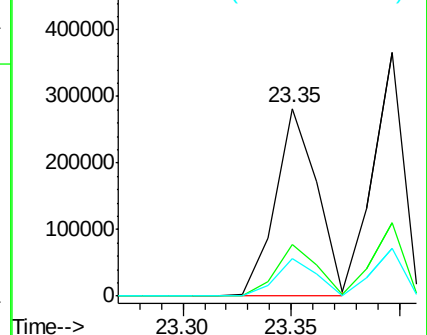
229 19.8 15.4 23.2

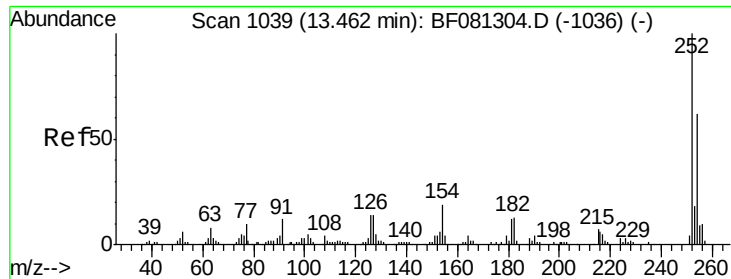


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

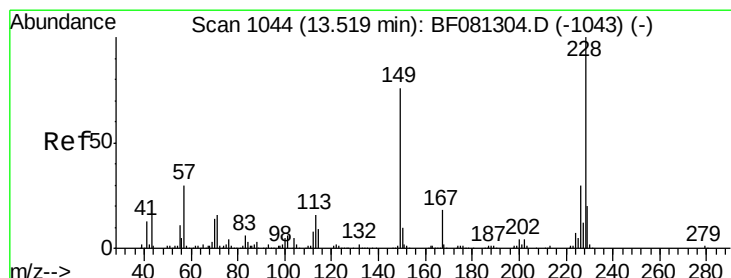
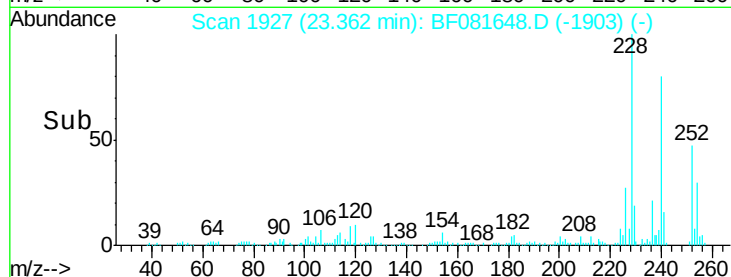
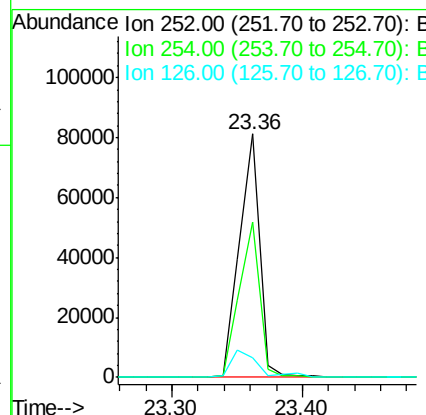
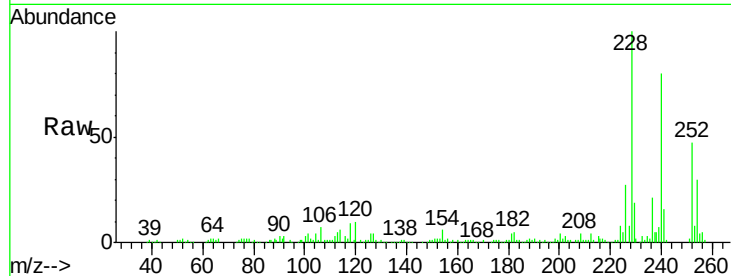




#81
 3,3'-Dichlorobenzidine
 Concen: 27.32 ng
 RT: 23.36 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

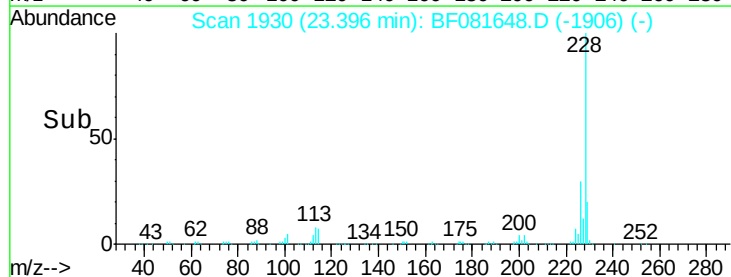
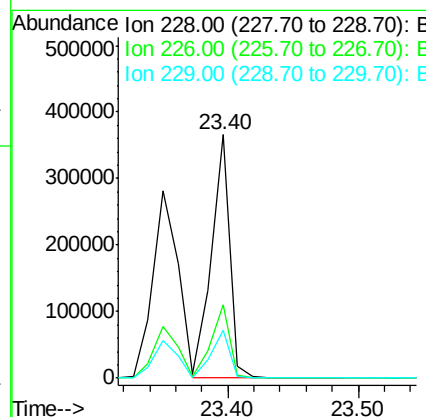
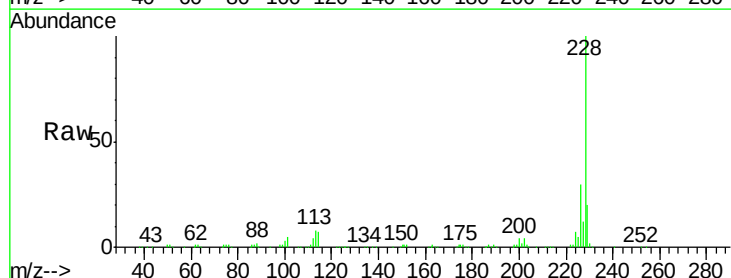
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

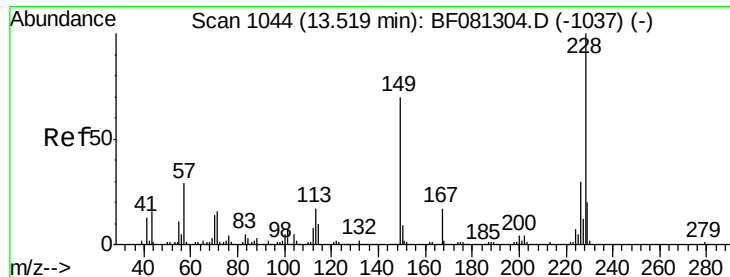
Tgt Ion: 252 Resp: 87400
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.4 77.2
 126 8.0 16.4 24.6#



#82
 Chrysene
 Concen: 41.91 ng
 RT: 23.40 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion: 228 Resp: 356334
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.0 31.4
 229 19.6 15.6 23.4

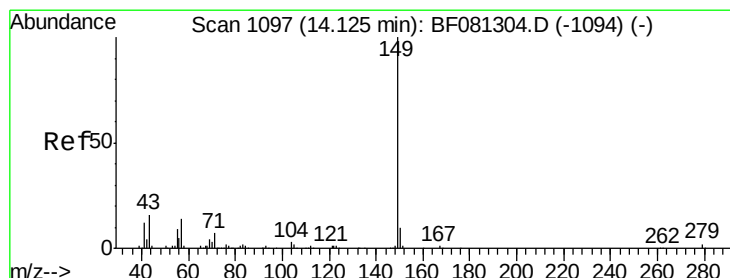
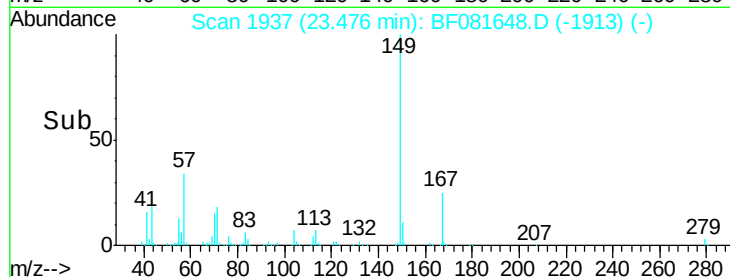
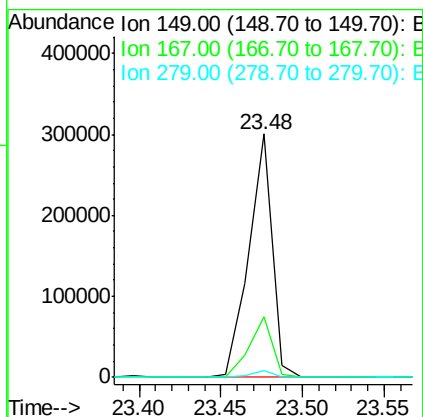
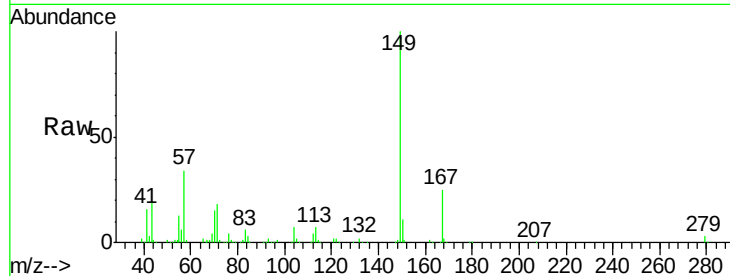




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.04 ng
 RT: 23.48 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

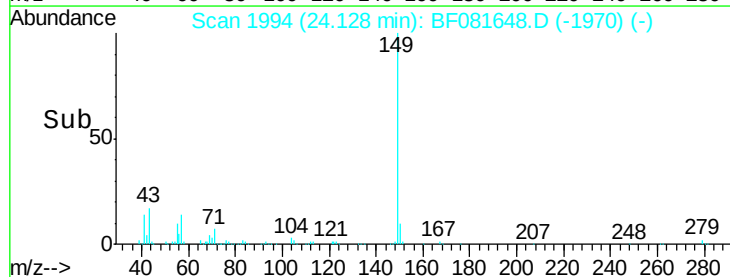
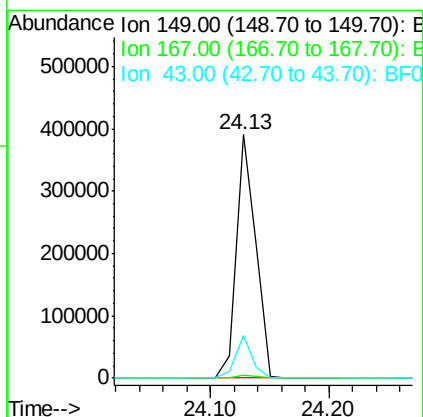
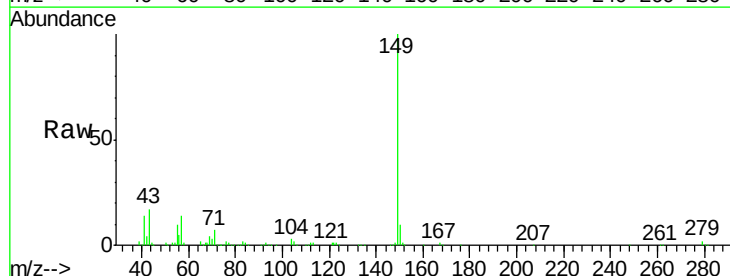
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

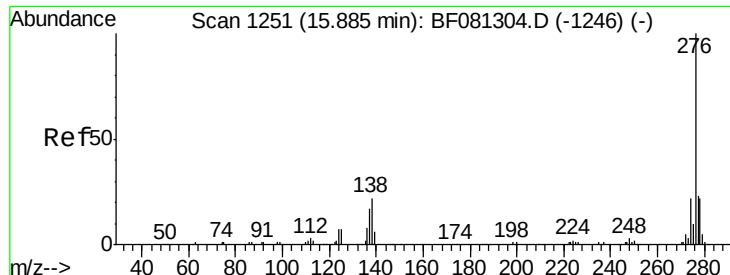
Tgt Ion:149 Resp: 297828
 Ion Ratio Lower Upper
 149 100
 167 25.0 24.2 36.2
 279 2.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 42.40 ng
 RT: 24.13 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion:149 Resp: 442053
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.9 10.2 15.2

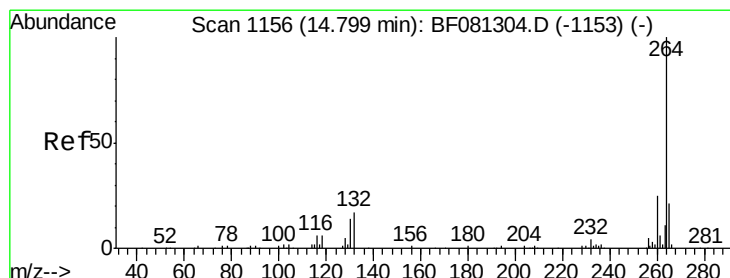
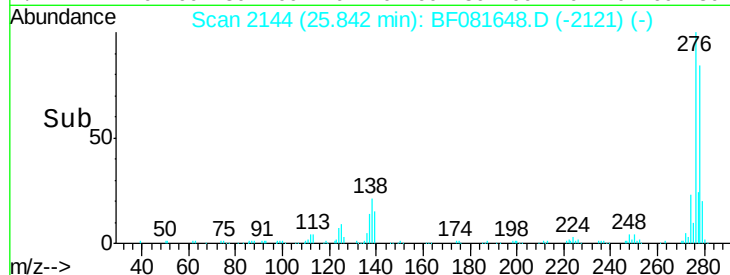
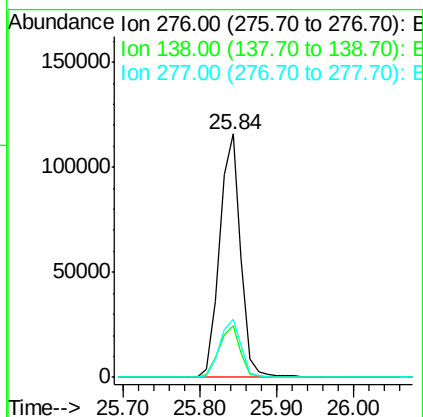
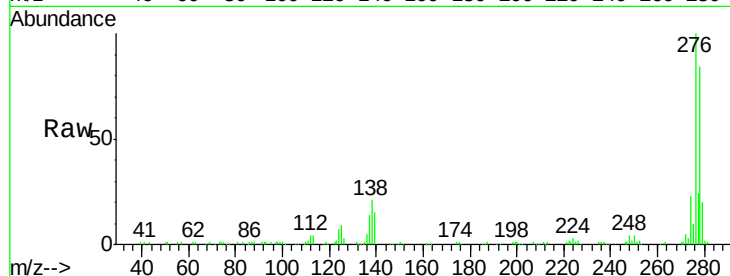




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.77 ng
 RT: 25.84 min Scan# 2144
 Delta R.T. -0.03 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

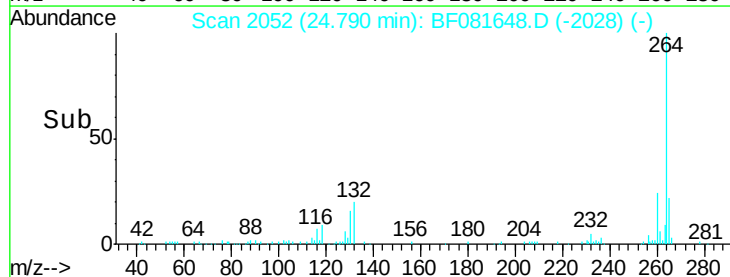
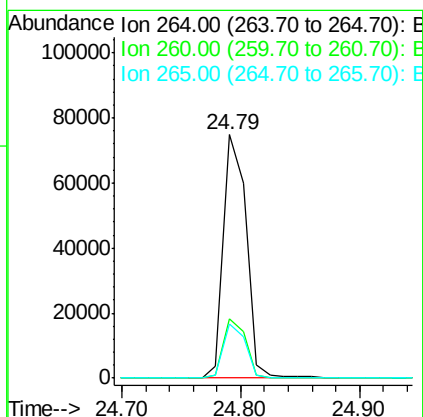
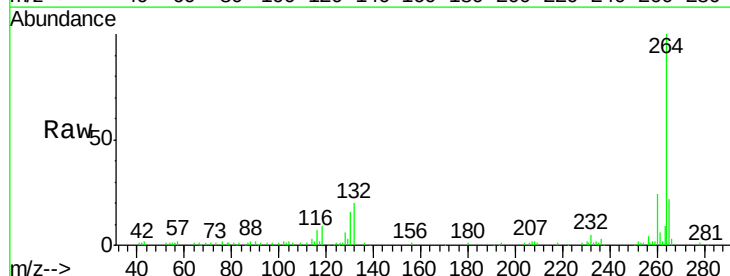
Instrument :
 BNA_F
 ClientSampleId :
 PB85464BSD

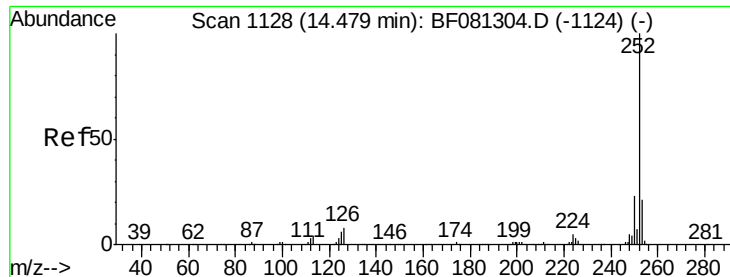
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.7	38.5#
277	24.3	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BF081648.D
 Acq: 16 Sep 2015 14:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	22.3	17.2	25.8

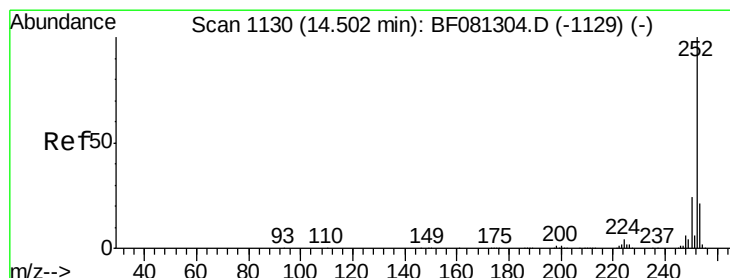
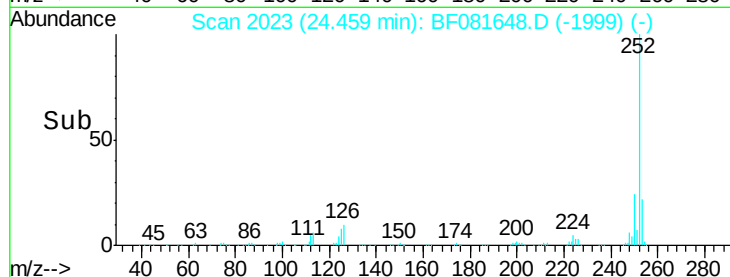
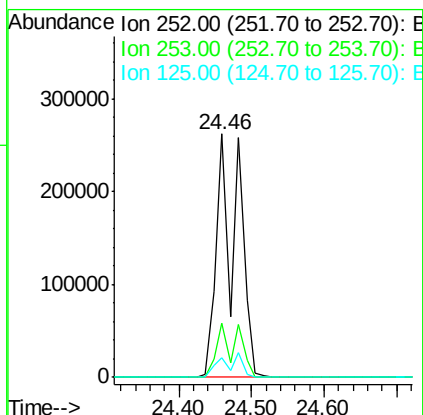
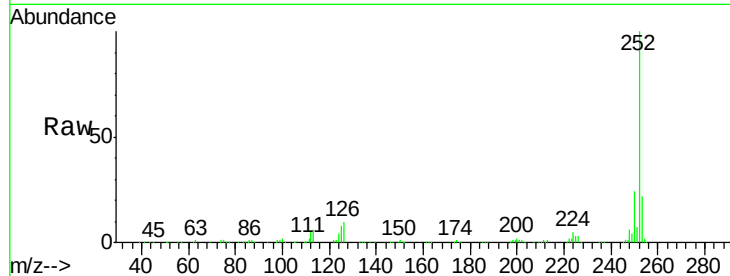




#87
Benzo(b)fluoranthene
Concen: 75.31 ng
RT: 24.46 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

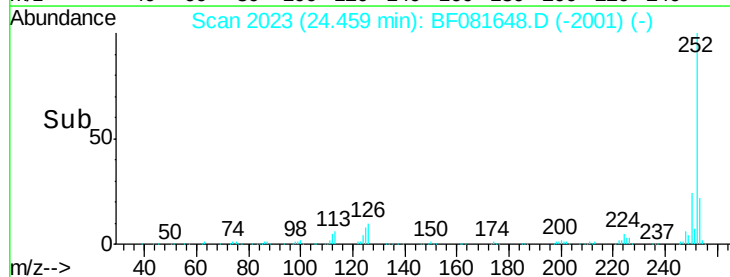
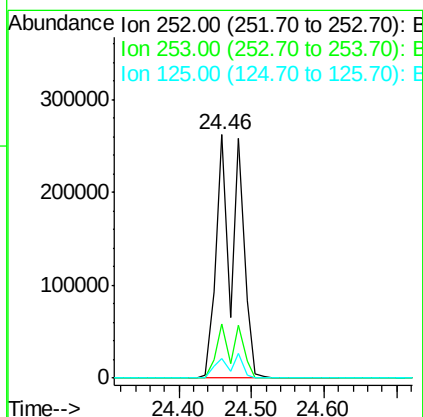
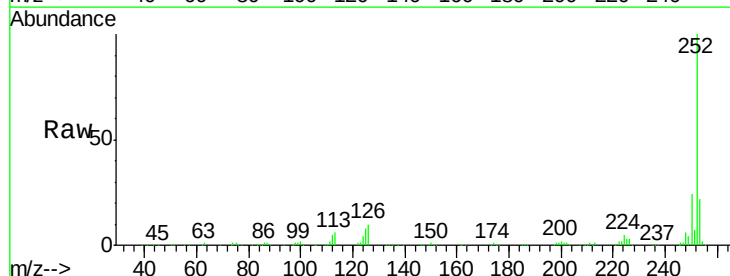
Instrument :
BNA_F
ClientSampleId :
PB85464BSD

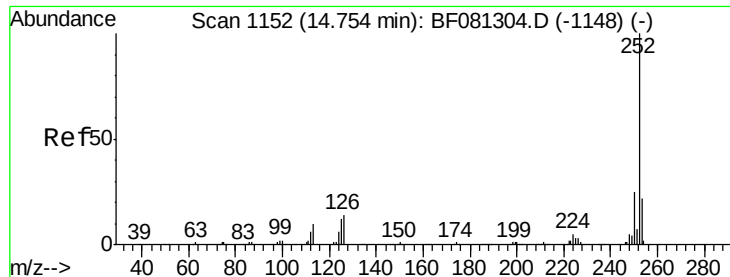
Tgt Ion: 252 Resp: 533248
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.1 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 90.76 ng
RT: 24.46 min Scan# 2023
Delta R.T. -0.05 min
Lab File: BF081648.D
Acq: 16 Sep 2015 14:20

Tgt Ion: 252 Resp: 533248
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 8.1 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 41.46 ng

RT: 24.74 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD

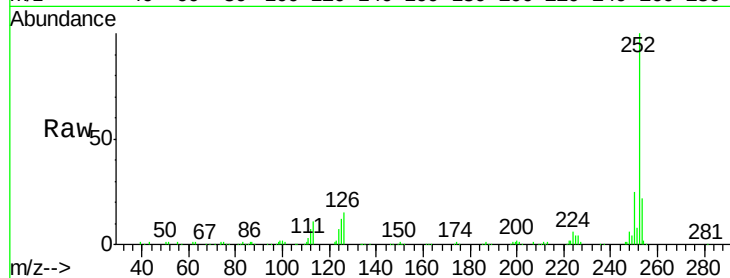
Tgt Ion:252 Resp: 248783

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

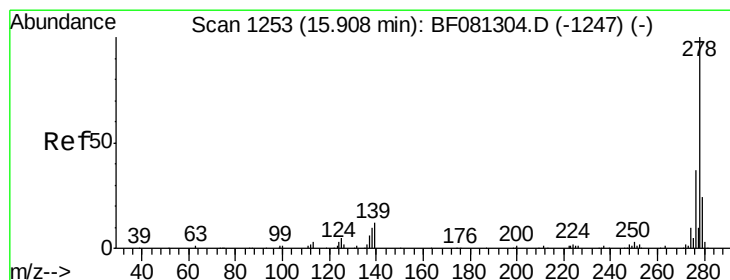
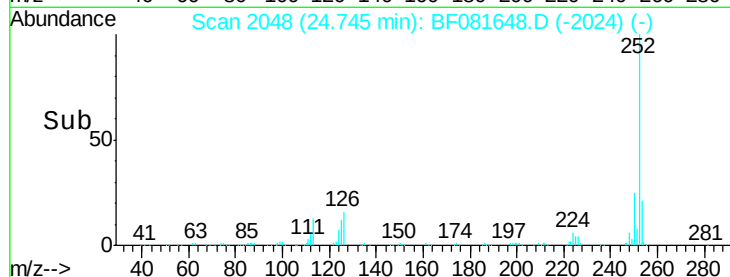
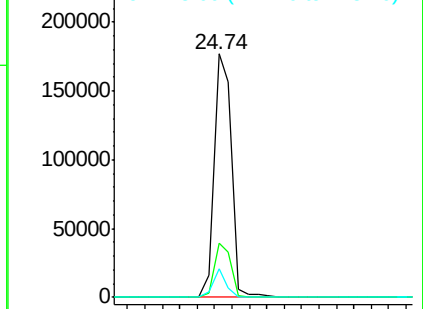
125 11.6 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.60 ng

RT: 25.85 min Scan# 2145

Delta R.T. -0.03 min

Lab File: BF081648.D

Acq: 16 Sep 2015 14:20

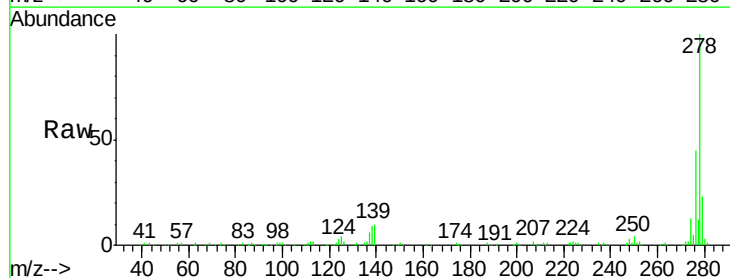
Tgt Ion:278 Resp: 188212

Ion Ratio Lower Upper

278 100

139 10.1 26.3 39.5#

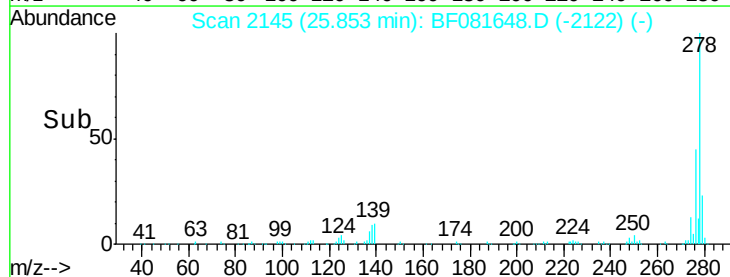
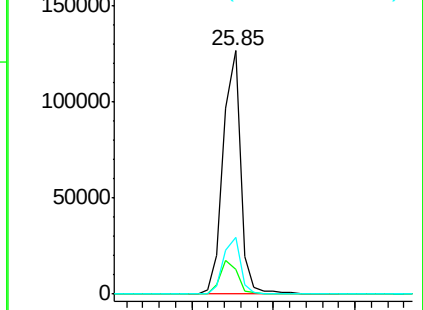
279 23.2 18.2 27.4

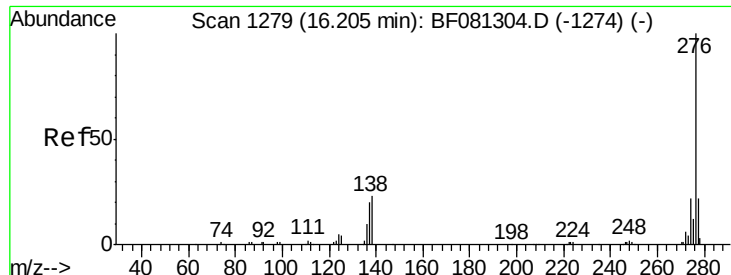


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.37 ng

RT: 26.14 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF081648.D

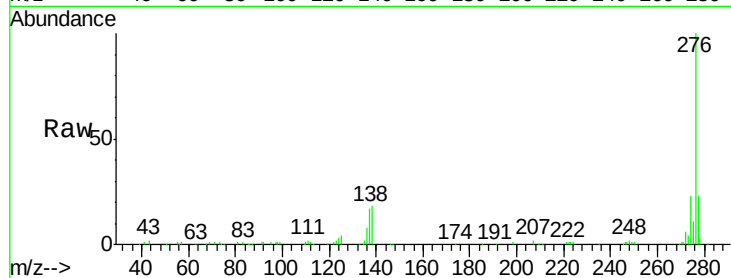
Acq: 16 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB85464BSD



Tgt Ion:	276	Resp:	178635
Ion Ratio		Lower	Upper
276	100		
277	23.4	17.8	26.6
138	18.3	34.6	51.8#

