

Data Path : Z:\HPCHEM1\BNA F\Data\BF012516\
 Data File : BF084607.D
 Acq On : 25 Jan 2016 15:13
 Operator : SJ/IZ
 Sample : H1201-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 16:48:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	205882	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	841619	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	411361	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	662353	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	500336	20.00	ng	0.00
86) Perylene-d12	15.28	264	492079	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1023874	80.44	ng	0.01
7) Phenol-d6	6.38	99	779521	48.76	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1413806	93.49	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	579747	139.60	ng	0.01
44) 2-Fluorobiphenyl	9.10	172	2350114	101.75	ng	0.00
78) Terphenyl-d14	12.85	244	2212887	98.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	124061	20.57	ng	# 77
3) Pyridine	3.01	79	203162	12.08	ng	# 68
4) n-Nitrosodimethylamine	2.94	42	165898	19.22	ng	# 72
6) Aniline	6.40	93	348578	14.91	ng	# 30
8) 2-Chlorophenol	6.52	128	586433	40.61	ng	88
9) Benzaldehyde	6.28	77	54791	5.26	ng	94
10) Phenol	6.40	94	318028	17.50	ng	79
11) bis(2-Chloroethyl)ether	6.48	93	612921	43.53	ng	# 81
12) 1,3-Dichlorobenzene	6.67	146	646836	43.42	ng	# 90
13) 1,4-Dichlorobenzene	6.75	146	642049	42.98	ng	98
14) 1,2-Dichlorobenzene	6.91	146	657162	45.93	ng	99
15) Benzyl Alcohol	6.89	79	405530	30.16	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1061879	41.41	ng	92
17) 2-Methylphenol	7.01	107	431314	35.64	ng	# 90
18) Hexachloroethane	7.25	117	271229	45.40	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	525354	48.55	ng	# 72
20) 3+4-Methylphenols	7.16	107	472340	33.20	ng	# 44
22) Acetophenone	7.15	105	1024222	50.61	ng	# 98
24) Nitrobenzene	7.33	77	817260	53.29	ng	90
25) Isophorone	7.57	82	1438864	49.75	ng	98
26) 2-Nitrophenol	7.64	139	352510	50.50	ng	# 79
27) 2,4-Dimethylphenol	7.70	122	654746	46.34	ng	91
28) bis(2-Chloroethoxy)methane	7.79	93	924102	52.31	ng	97
29) 2,4-Dichlorophenol	7.89	162	594843	50.54	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	607903	50.03	ng	# 94
31) Naphthalene	8.05	128	1991019	52.14	ng	100
32) Benzoic acid	7.80	122	174759	22.97	ng	99
33) 4-Chloroaniline	8.10	127	189044	10.80	ng	97
34) Hexachlorobutadiene	8.17	225	340563	48.76	ng	99
35) Caprolactam	8.49	113	23690	5.97	ng	# 42
36) 4-Chloro-3-methylphenol	8.59	107	627514	47.60	ng	95
37) 2-Methylnaphthalene	8.74	142	1300763	47.45	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	611212	51.68	ng	98
40) Hexachlorocyclopentadiene	8.90	237	574274	80.44	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	455880	51.53	nq	97
43) 2,4,5-Trichlorophenol	9.07	196	404879	47.74	nq	# 91
45) 1,1'-Biphenyl	9.21	154	1667674	51.01	nq	98
46) 2-Chloronaphthalene	9.23	162	1293954	50.39	nq	93
47) 2-Nitroaniline	9.33	65	501264	59.14	nq	87
48) Acenaphthylene	9.64	152	1820433	47.98	nq	96
49) Dimethylphthalate	9.52	163	1489653	50.65	nq	# 89
50) 2,6-Dinitrotoluene	9.57	165	319491	49.53	nq	# 47
51) Acenaphthene	9.81	154	1220922	47.97	nq	98
52) 3-Nitroaniline	9.74	138	160379	20.07	nq	# 73
53) 2,4-Dinitrophenol	9.86	184	439470	156.39	nq	# 74
54) Dibenzofuran	9.98	168	1587020	48.37	nq	90
55) 4-Nitrophenol	9.92	139	238959	41.19	nq	# 78
56) 2,4-Dinitrotoluene	9.98	165	508661	62.31	nq	88
57) Fluorene	10.33	166	1279478	50.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	399739	55.20	nq	89
59) Diethylphthalate	10.21	149	1511516	52.13	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	662779	65.18	nq	# 85
61) 4-Nitroaniline	10.36	138	299979	42.11	nq	97
62) Azobenzene	10.49	77	1368897	43.04	nq	91
64) 4,6-Dinitro-2-methylphenol	10.38	198	216178	54.76	nq	# 64
65) n-Nitrosodiphenylamine	10.44	169	1032885	48.77	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	340335	47.74	nq	# 72
67) Hexachlorobenzene	10.88	284	444494	55.40	nq	94
68) Atrazine	10.98	200	345124	49.80	nq	96
69) Pentachlorophenol	11.07	266	404171	97.14	nq	98
70) Phenanthrene	11.29	178	1972229	56.92	nq	96
71) Anthracene	11.33	178	1724829	50.79	nq	98
72) Carbazole	11.49	167	1520161	45.78	nq	98
73) Di-n-butylphthalate	11.84	149	2128186	68.40	nq	# 98
74) Fluoranthene	12.46	202	1664662	45.99	nq	99
76) Benzidine	12.59	184	324603	18.09	nq	98
77) Pyrene	12.69	202	1664100	42.38	nq	97
79) Butylbenzylphthalate	13.32	149	787205	46.33	nq	87
80) Benzo(a)anthracene	13.88	228	1512040	51.47	nq	98
81) 3,3'-Dichlorobenzidine	13.85	252	264555	25.80	nq	# 96
82) Chrysene	13.92	228	1314110	46.55	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1087344	50.66	nq	100
84) Di-n-octyl phthalate	14.50	149	1917280	52.91	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.60	276	1400885	62.60	nq	99
87) Benzo(b)fluoranthene	14.92	252	3085503	95.86	nq	# 96
88) Benzo(k)fluoranthene	14.92	252	3086829	117.25	nq	99
89) Benzo(a)pyrene	15.23	252	1493014	54.68	nq	97
90) Dibenzo(a,h)anthracene	16.61	278	1173305	49.94	nq	98
91) Benzo(g,h,i)perylene	17.00	276	1171524	48.15	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084607.D

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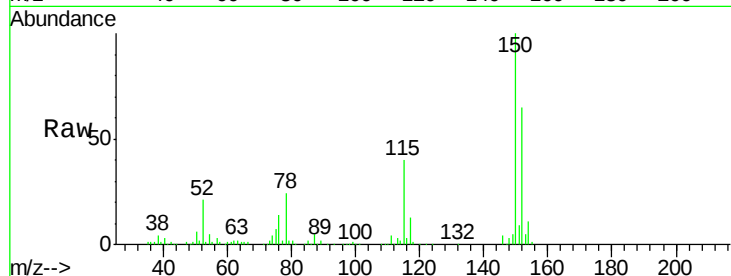
Tot Ion:152 Resp: 205882

Ion Ratio Lower Upper

152 100

150 153.9 123.0 184.4

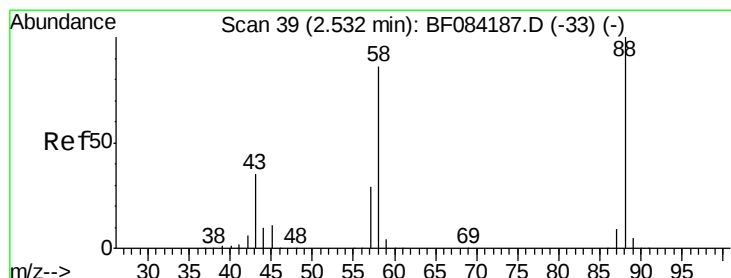
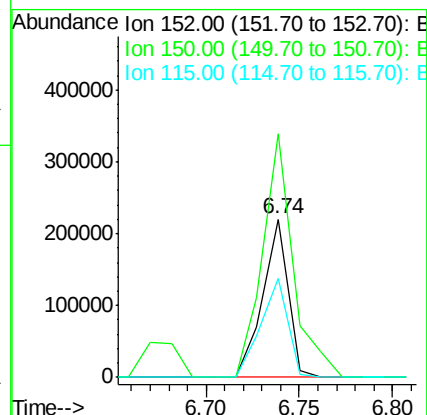
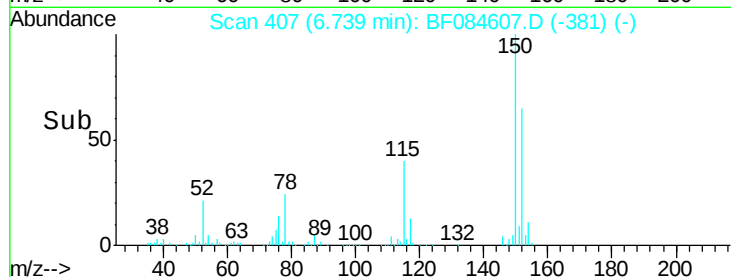
115 62.2 51.4 77.2



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: 20.57 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.07 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

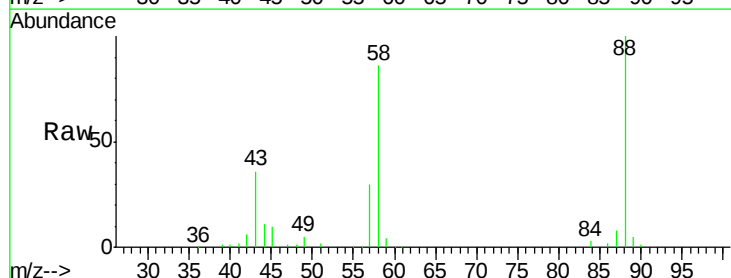
Tgt Ion: 88 Resp: 124061

Ion Ratio Lower Upper

88 100

58 83.5 51.2 76.8#

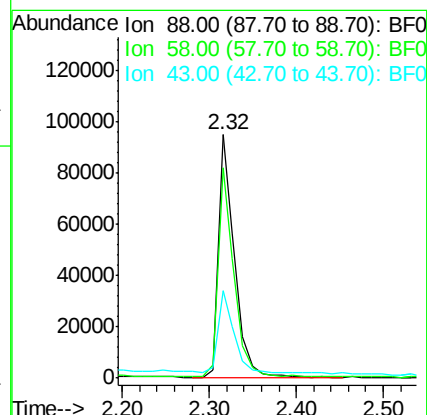
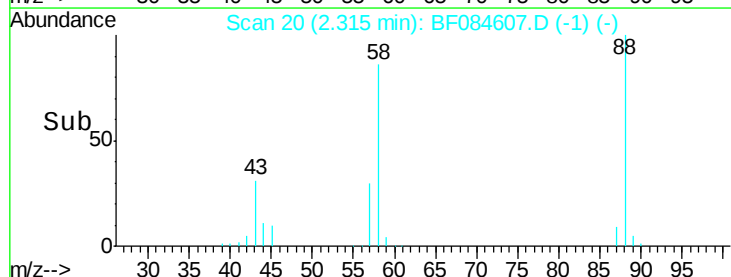
43 33.0 19.5 29.3#

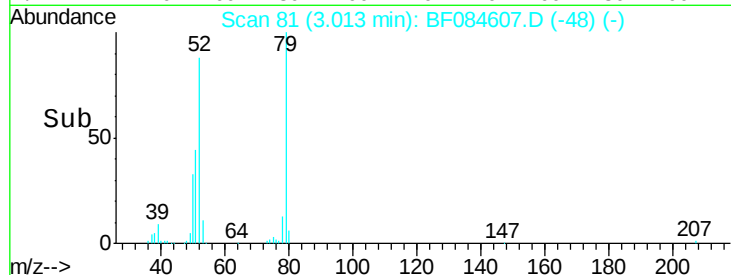
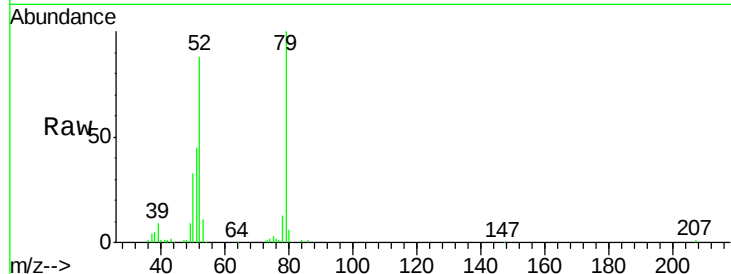
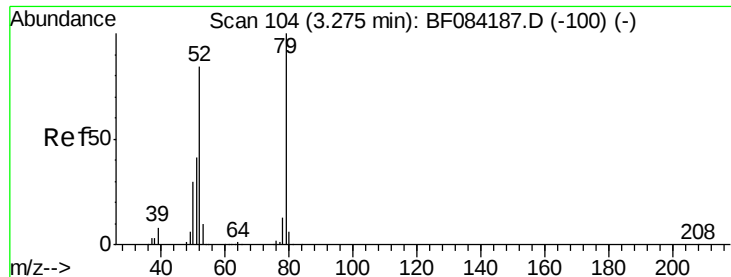


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

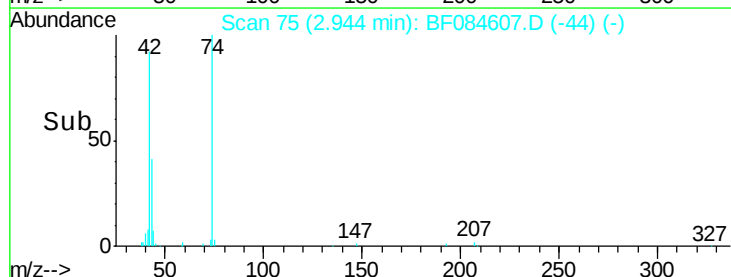
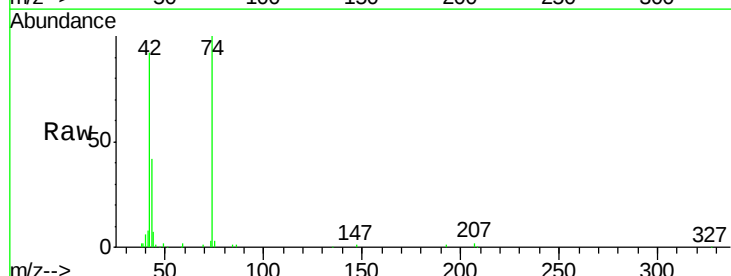
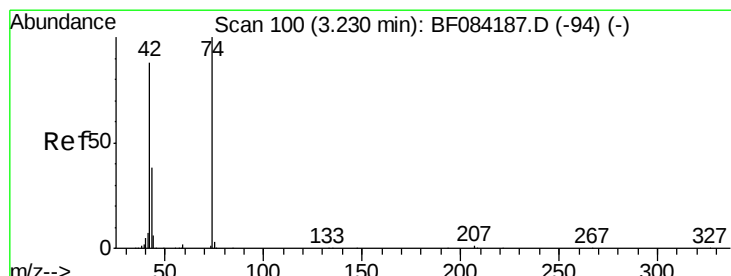
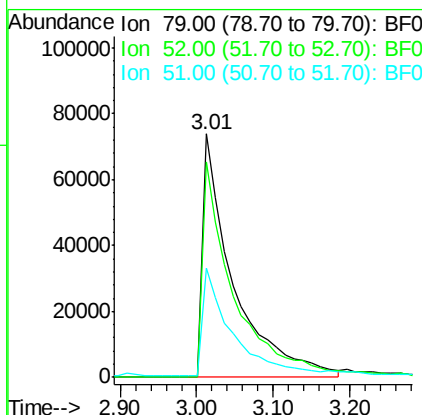




#3
 Pvridine
 Concen: 12.08 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.08 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

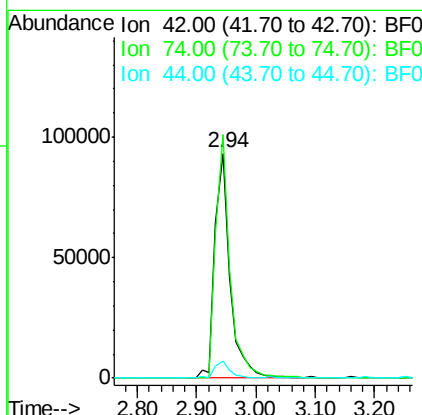
Instrument :
 BNA_F
 ClientSampled :

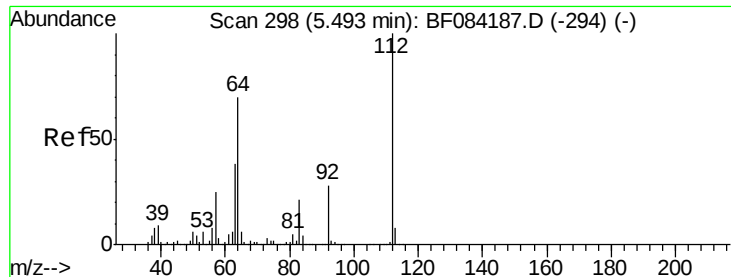
Tot Ion	Ratio	Lower	Upper
79	100		
52	88.4	49.0	73.4#
51	45.0	25.2	37.8#



#4
 n-Nitrosodimethylamine
 Concen: 19.22 ng
 RT: 2.94 min Scan# 75
 Delta R.T. 0.06 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.3	115.7	173.5#
44	7.8	5.1	7.7#





#5

2-Fluorophenol

Concen: 80.44 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampled :

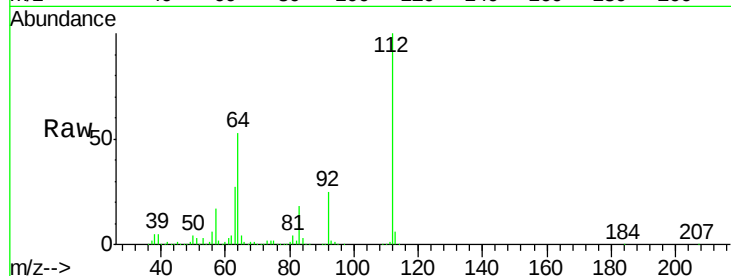
Tot Ion:112 Resp: 1023874

Ion Ratio Lower Upper

112 100

64 52.5 36.6 55.0

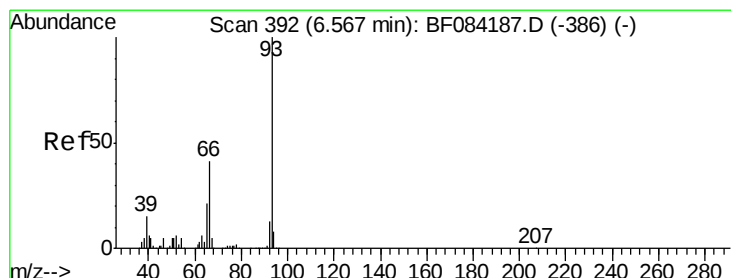
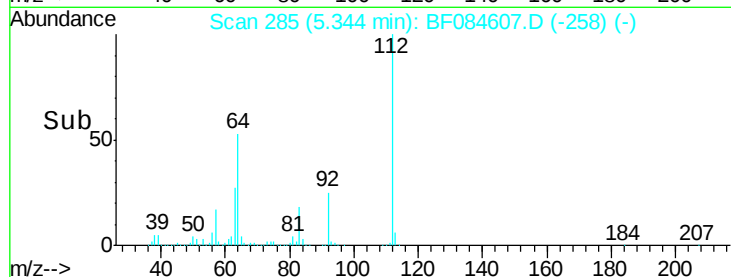
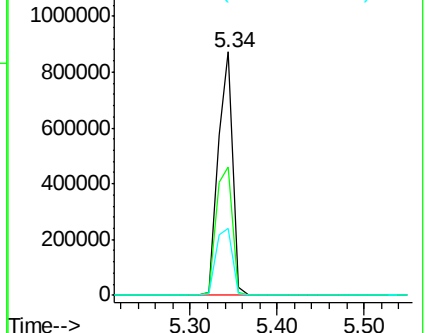
63 27.3 19.4 29.0



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: 14.91 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

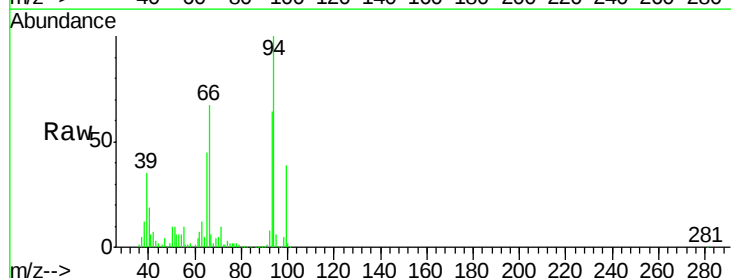
Tgt Ion: 93 Resp: 348578

Ion Ratio Lower Upper

93 100

66 105.3 44.9 67.3#

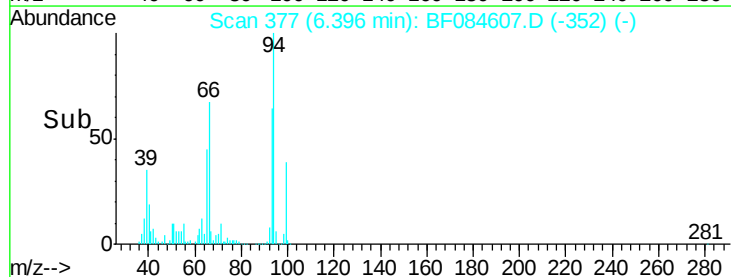
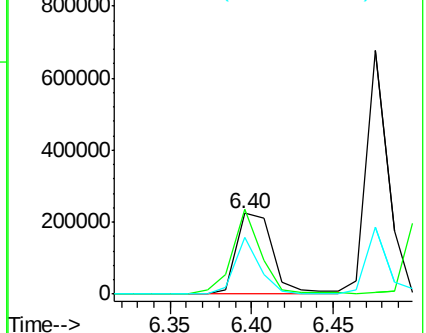
65 69.6 23.7 35.5#

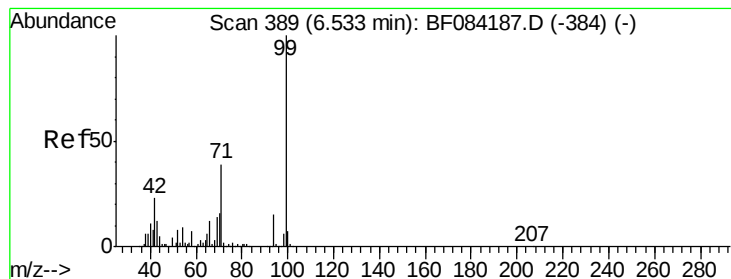


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 48.76 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampled :

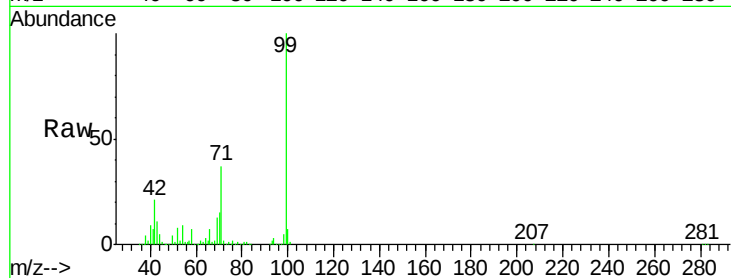
Tot Ion: 99 Resp: 779521

Ion Ratio Lower Upper

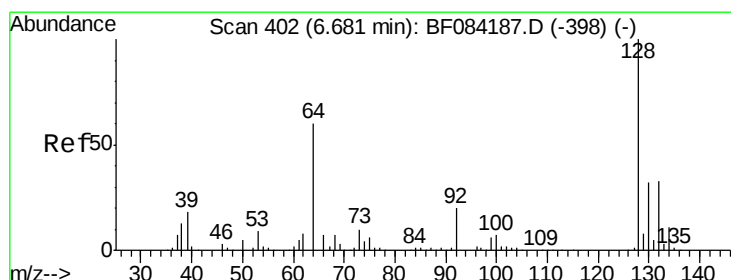
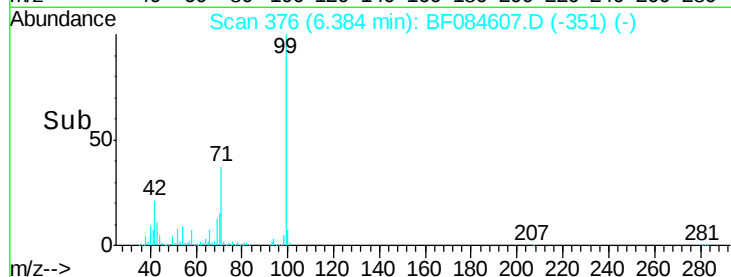
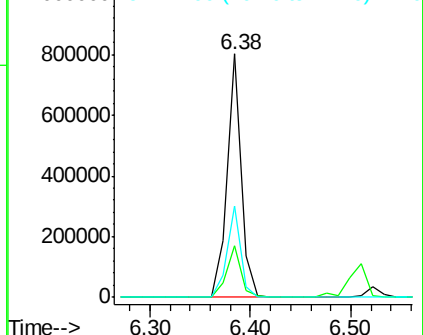
99 100

42 21.1 12.8 19.2#

71 37.3 30.9 46.3



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: 40.61 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

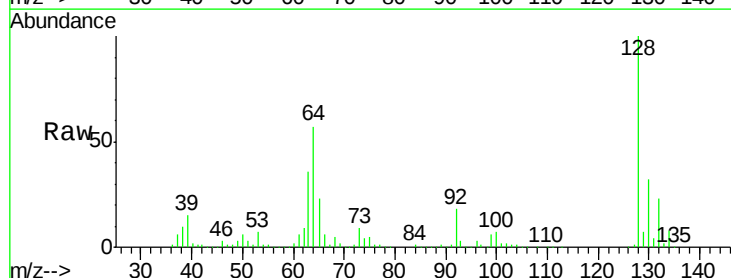
Tgt Ion: 128 Resp: 586433

Ion Ratio Lower Upper

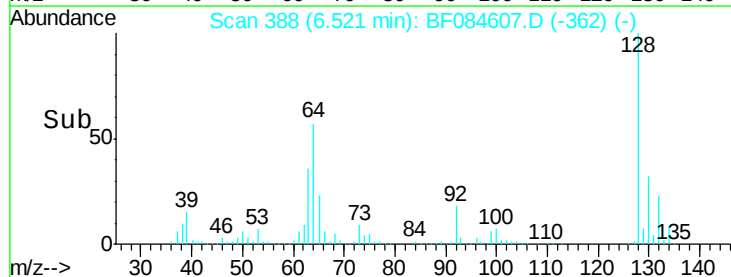
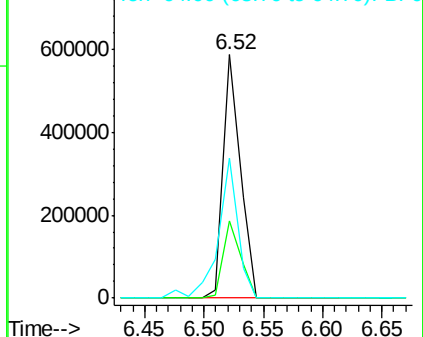
128 100

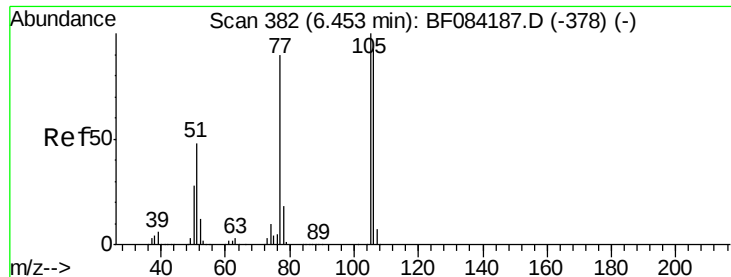
130 31.8 11.6 51.6

64 57.4 23.8 63.8



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





#9

Benzaldehyde

Concen: 5.26 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

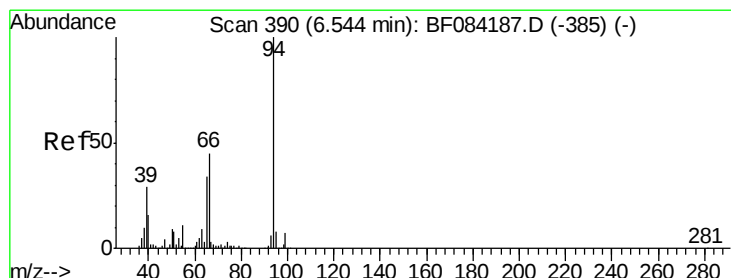
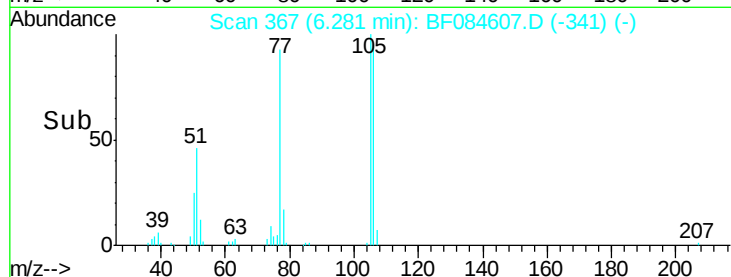
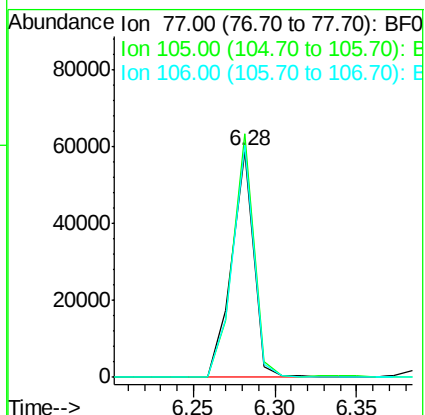
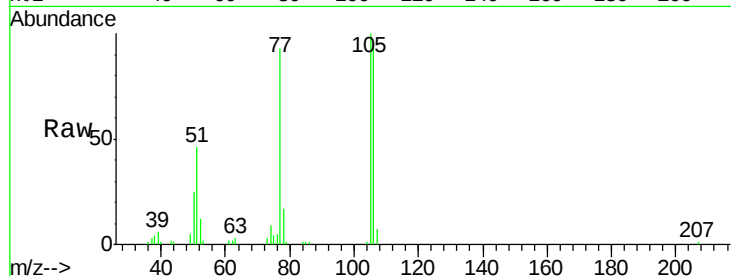
Tot Ion: 77 Resp: 54791

Ion Ratio Lower Upper

77 100

105 107.6 83.0 123.0

106 102.3 74.6 114.6



#10

Phenol

Concen: 17.50 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

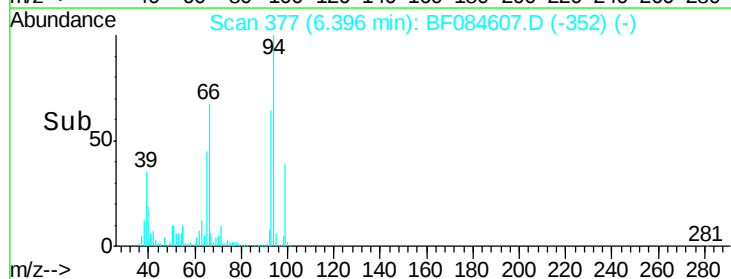
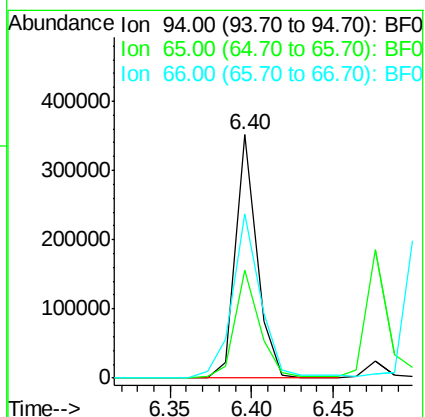
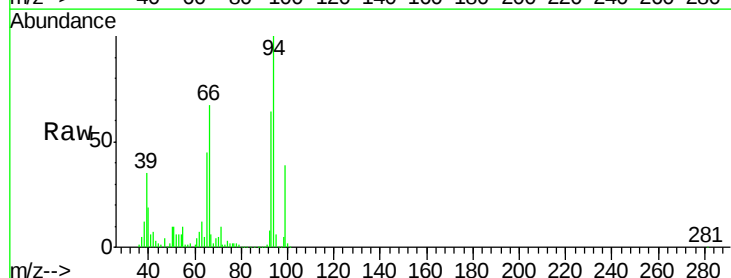
Tgt Ion: 94 Resp: 318028

Ion Ratio Lower Upper

94 100

65 44.5 12.9 52.9

66 67.3 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 43.53 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampled :

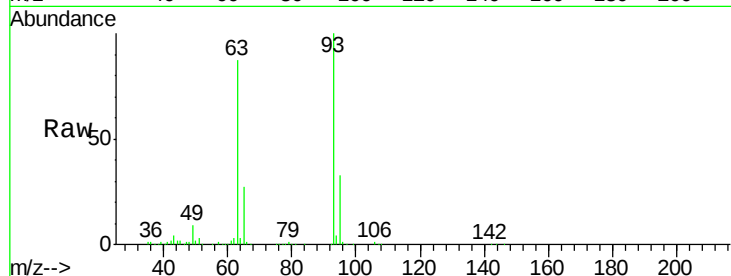
Tot Ion: 93 Resp: 612921

Ion Ratio Lower Upper

93 100

63 87.5 45.9 85.9#

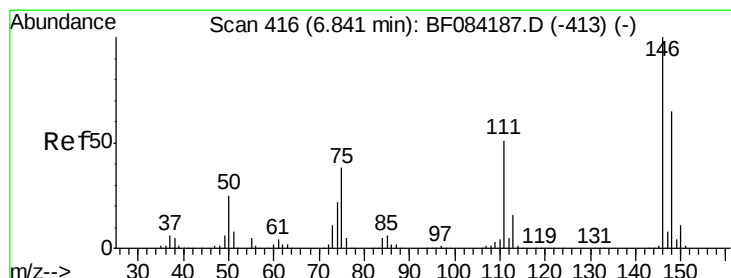
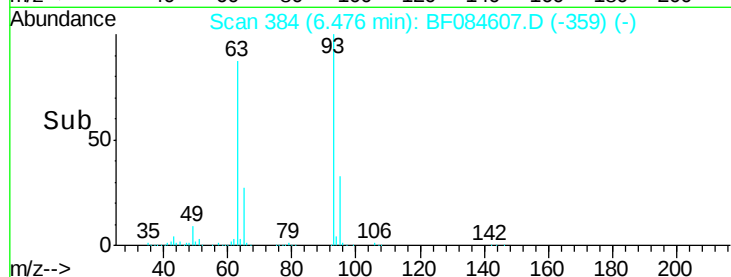
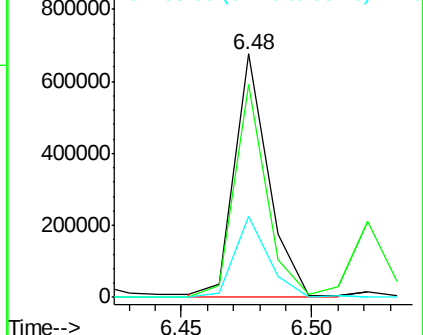
95 33.1 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.42 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

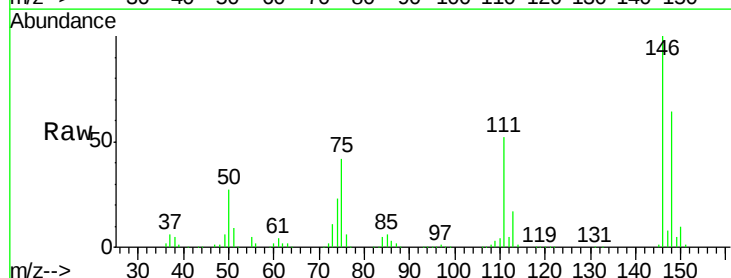
Tgt Ion: 146 Resp: 646836

Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

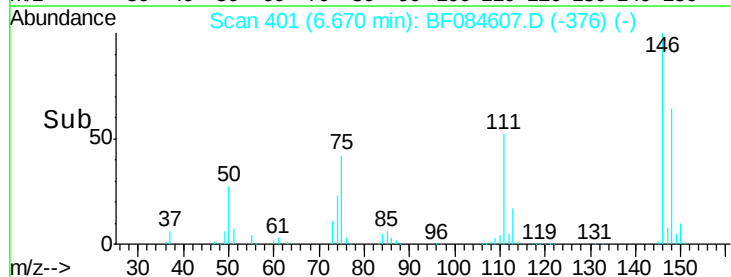
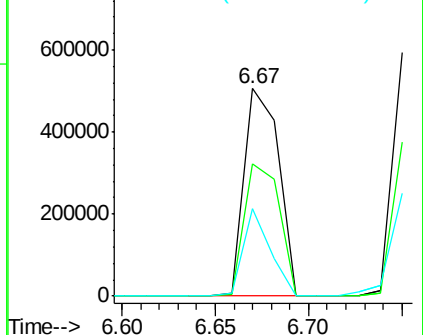
75 42.0 20.5 30.7#

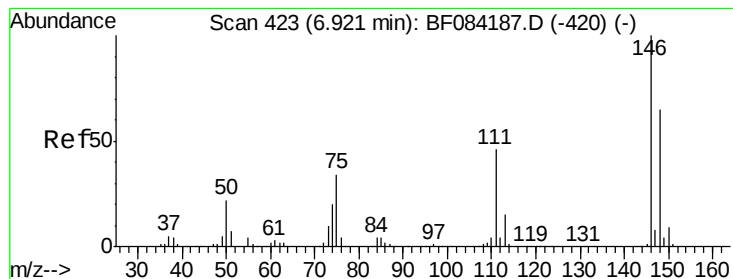


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.98 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampled :

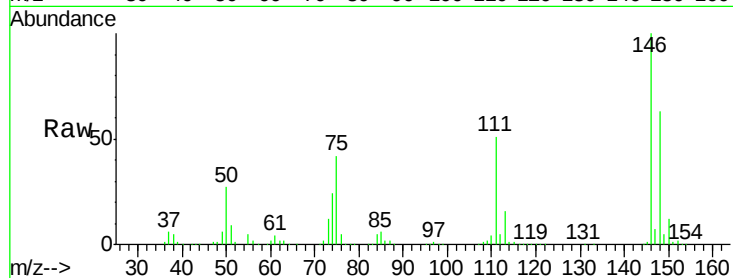
Tot Ion:146 Resp: 642049

Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

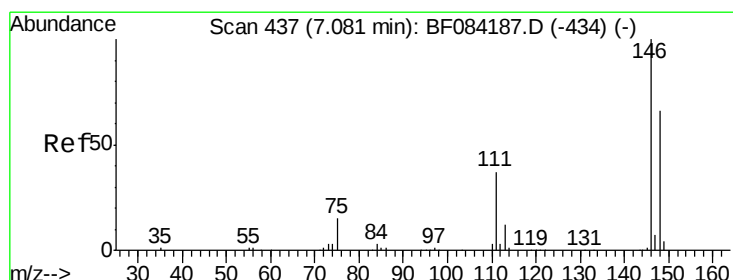
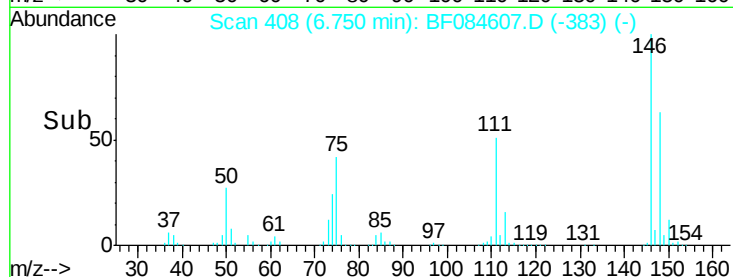
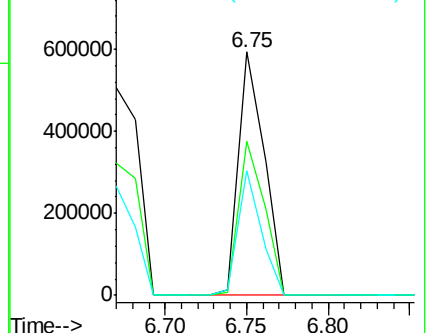
111 51.3 41.6 62.4



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: 45.93 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

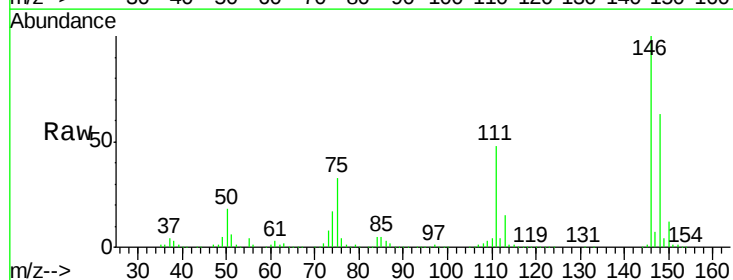
Tgt Ion:146 Resp: 657162

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

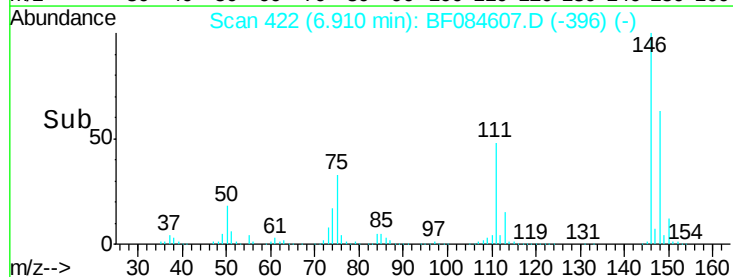
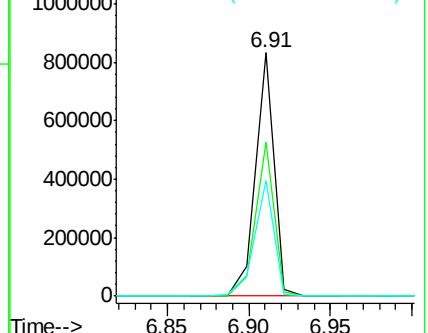
111 47.7 38.0 57.0

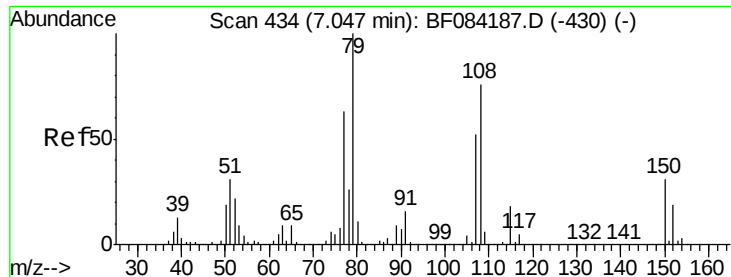


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.16 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

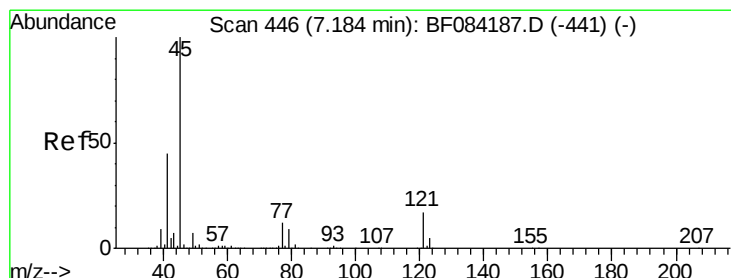
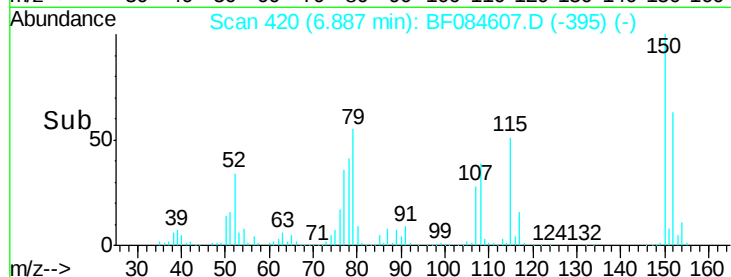
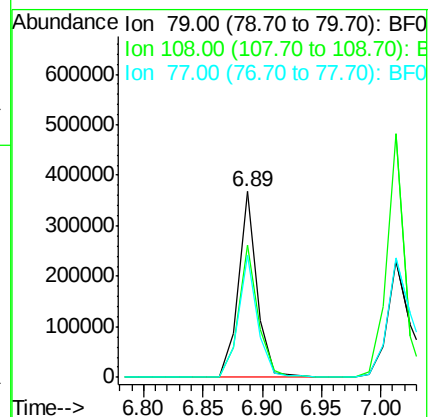
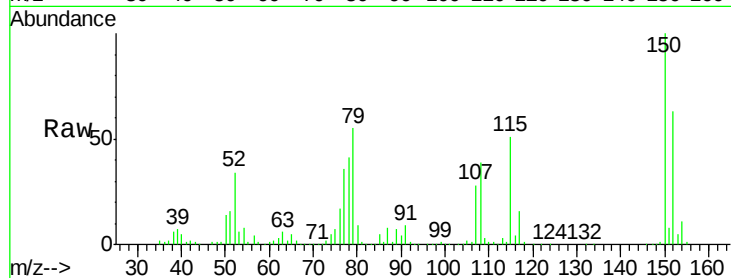
Tot Ion: 79 Resp: 405530

Ion Ratio Lower Upper

79 100

108 71.4 69.0 103.4

77 65.9 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.41 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

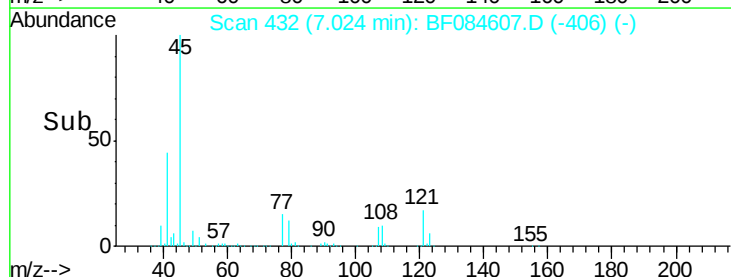
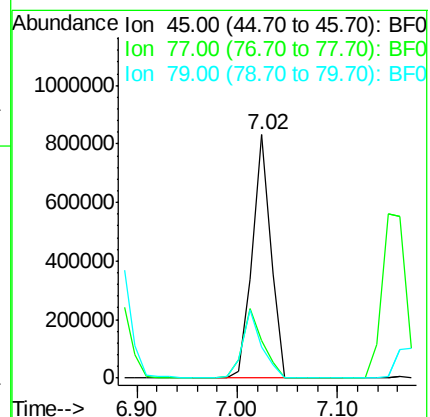
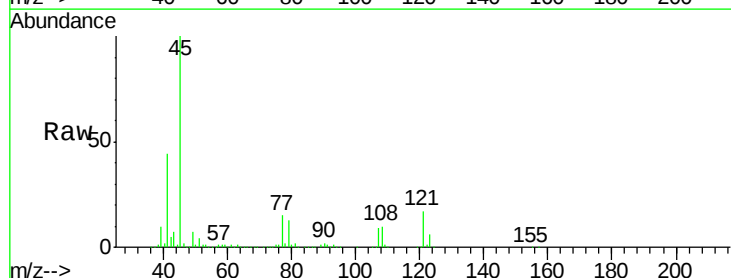
Tgt Ion: 45 Resp: 1061879

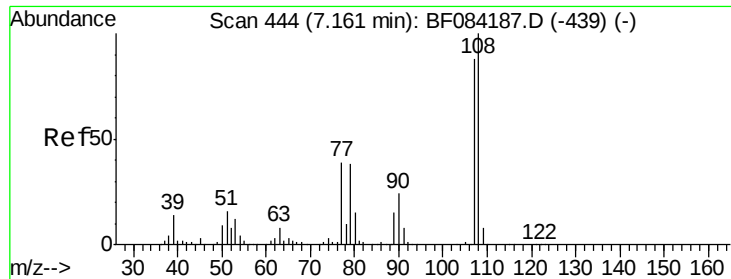
Ion Ratio Lower Upper

45 100

77 15.4 0.0 39.6

79 12.6 0.0 35.0





#17

2-Methylphenol

Concen: 35.64 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 431314

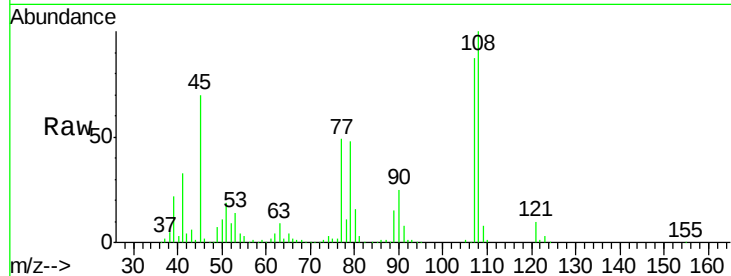
Ion Ratio Lower Upper

107 100

108 115.5 89.8 134.6

77 56.9 35.7 53.5#

79 55.6 35.7 53.5#

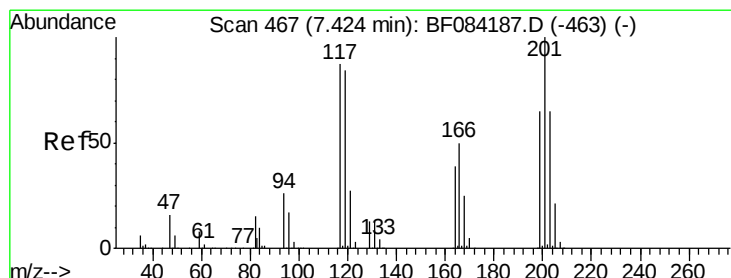
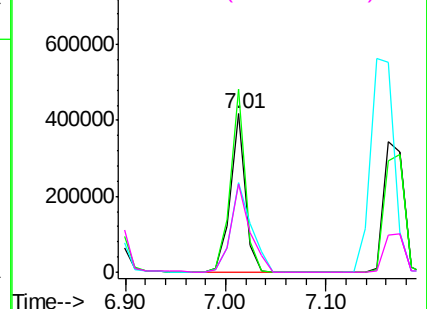
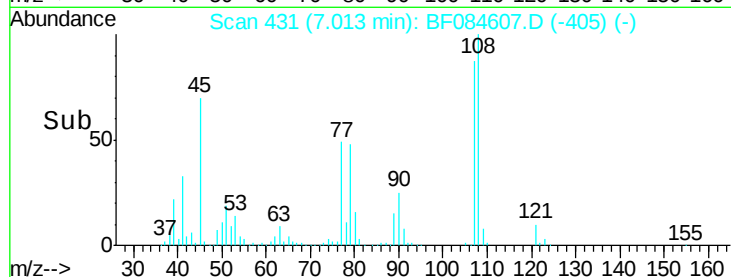


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.40 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

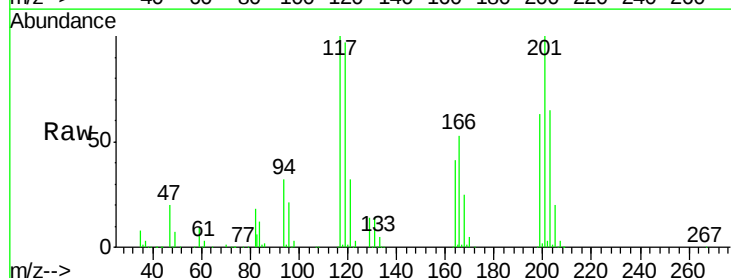
Tgt Ion:117 Resp: 271229

Ion Ratio Lower Upper

117 100

119 97.1 77.4 116.0

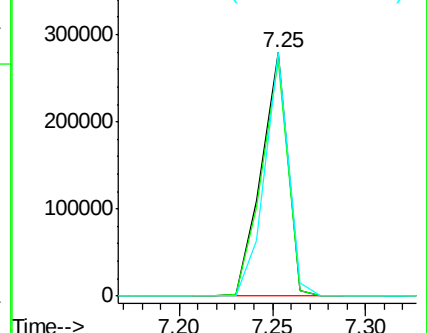
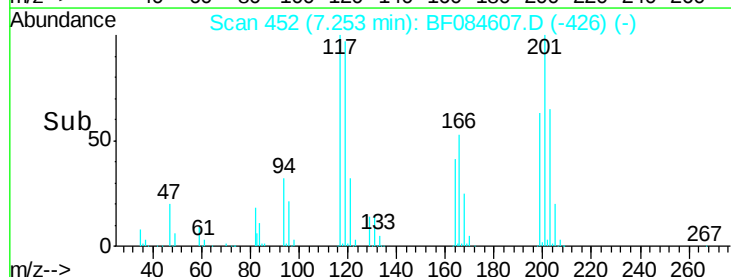
201 100.0 68.6 103.0

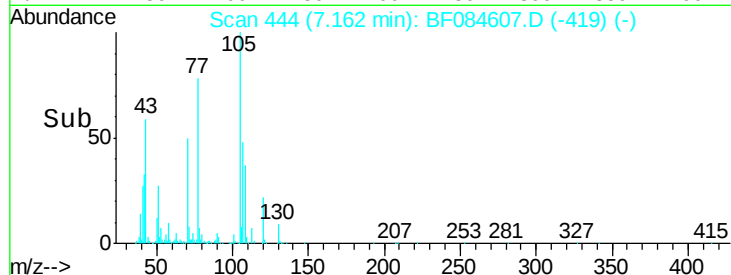
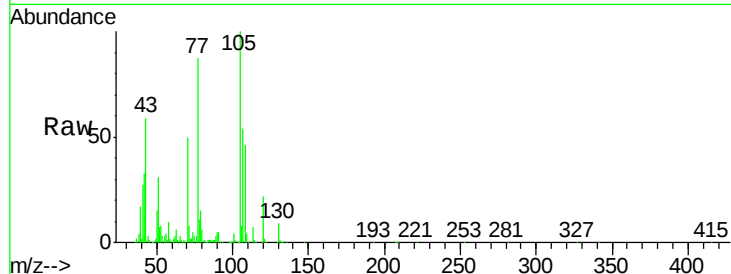
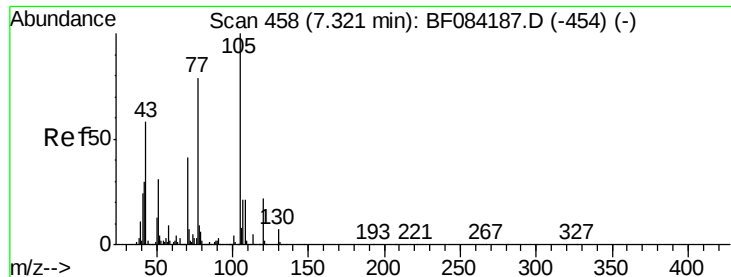


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

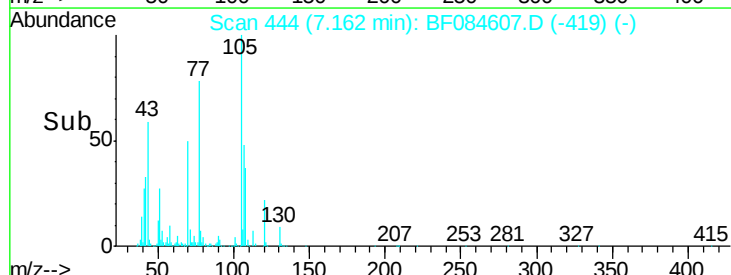
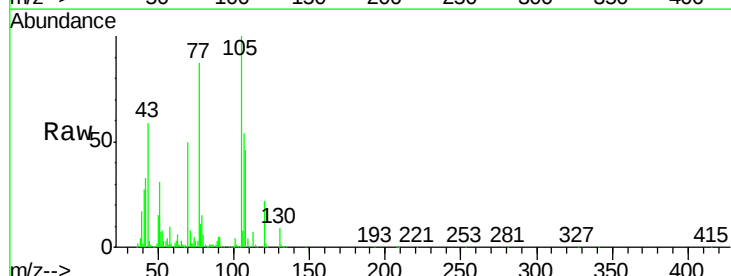
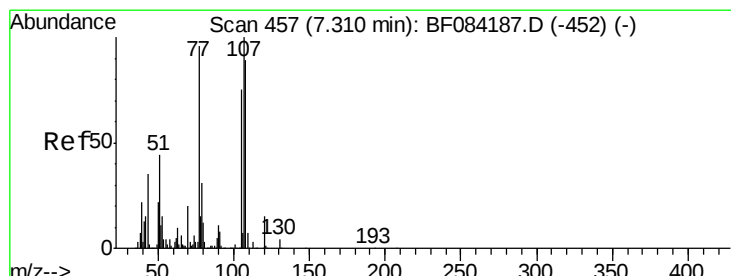
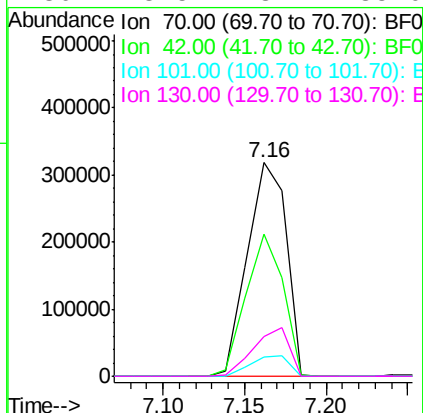




#19
n-Nitroso-di-n-propylamine
Concen: 48.55 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

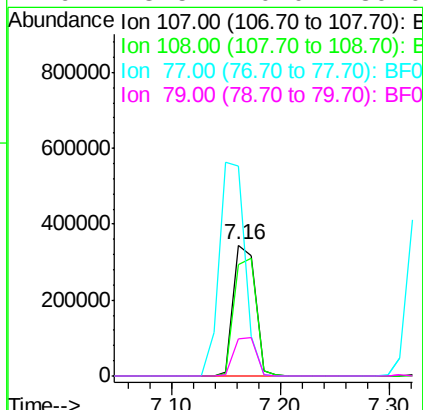
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.3	33.3	49.9#
101	9.0	9.3	13.9#
130	18.5	23.4	35.0#



#20
3+4-Methylphenols
Concen: 33.20 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	74.6	114.6
77	160.7	0.7	40.7#
79	28.5	0.0	39.0

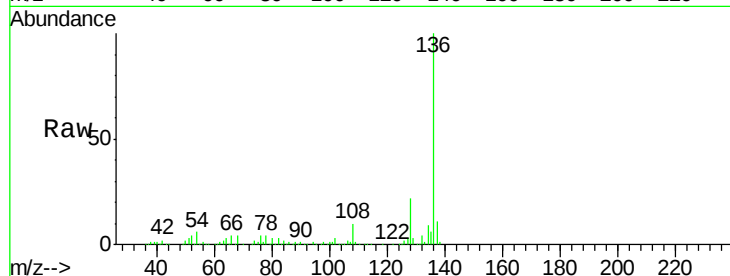




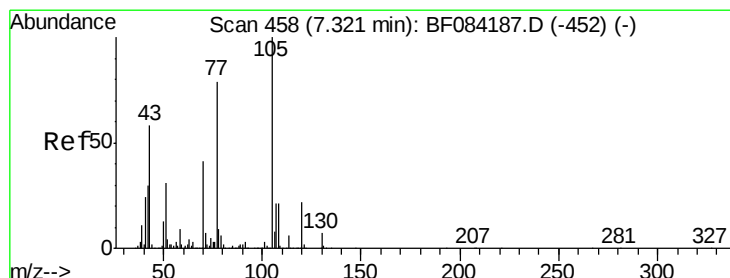
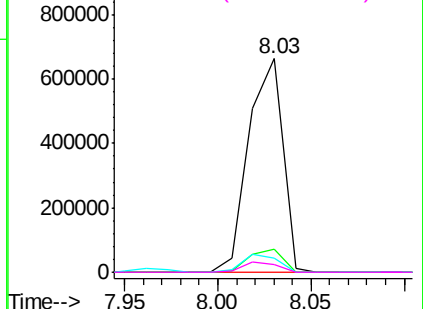
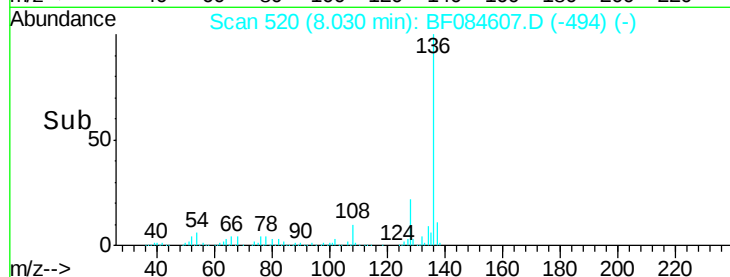
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	841619
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	6.4	5.8 8.8
68	3.6	4.2 6.2#

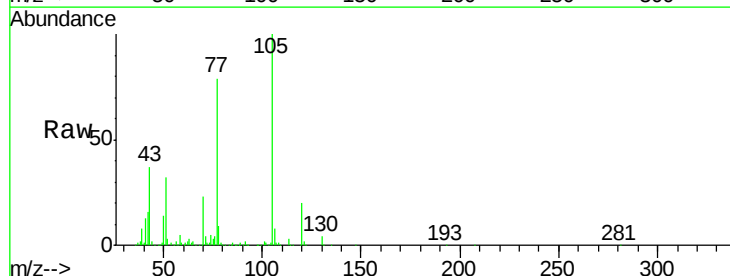


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

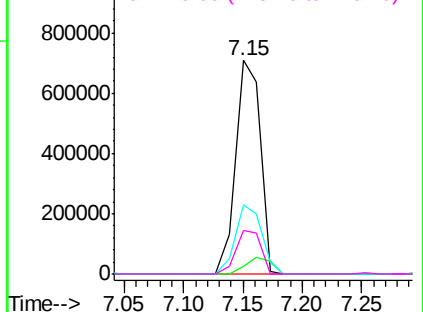
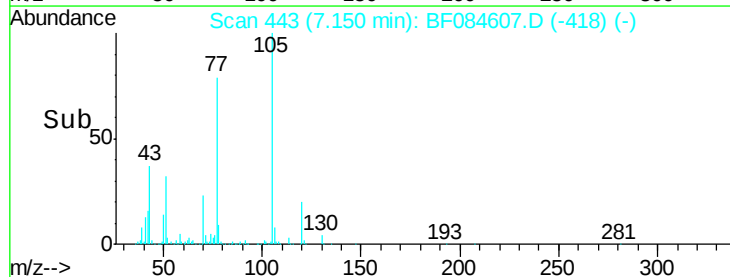


#22
Acetophenone
Concen: 50.61 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion:105	Resp:	1024222
Ion Ratio	Lower	Upper
105	100	
71	3.7	3.7 5.5#
51	32.3	25.1 37.7
120	20.2	16.6 25.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

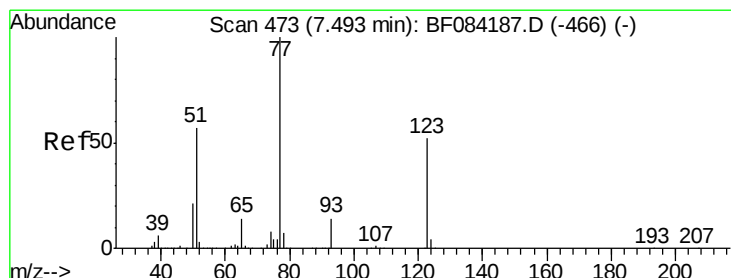
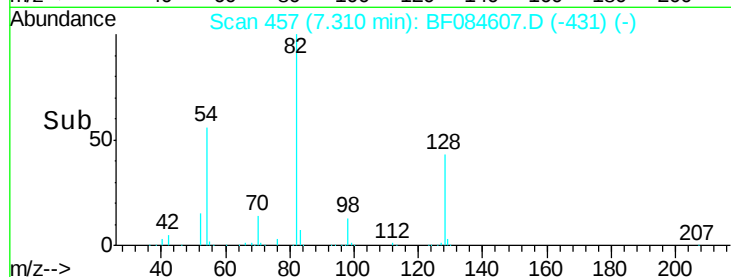
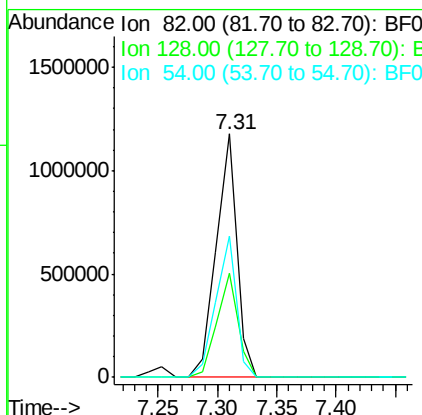
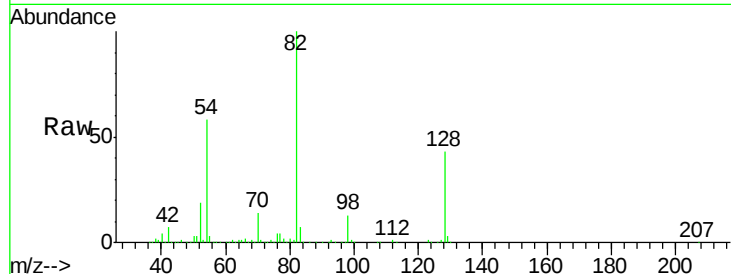




#23
 Nitrobenzene-d5
 Concen: 93.49 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

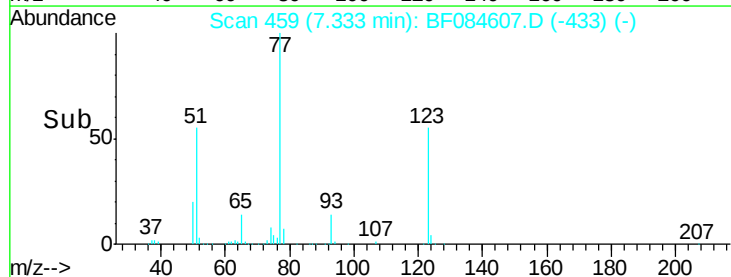
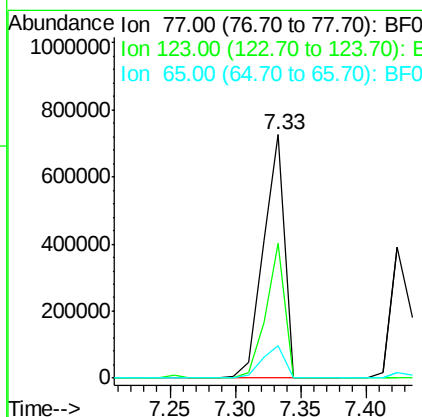
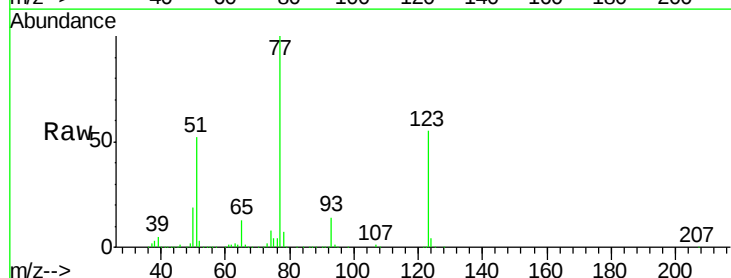
Instrument :
 BNA_F
 ClientSampleId :

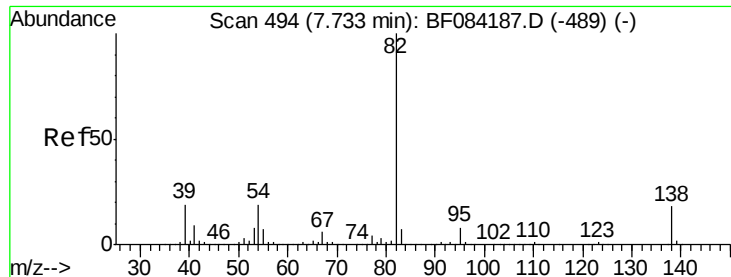
Tot Ion: 82 Resp: 1413806
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 51.8
 54 57.7 38.4 57.6#



#24
 Nitrobenzene
 Concen: 53.29 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Tgt Ion: 77 Resp: 817260
 Ion Ratio Lower Upper
 77 100
 123 55.4 37.4 56.2
 65 13.4 10.9 16.3





#25

Isophorone

Concen: 49.75 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

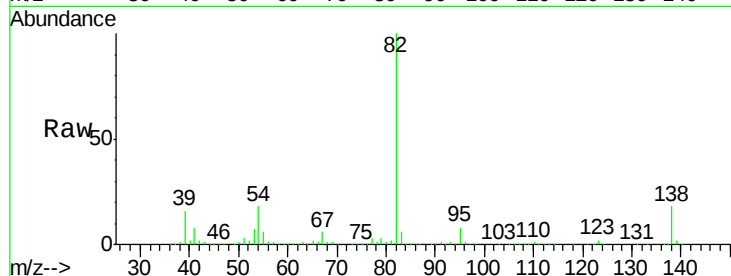
Tot Ion: 82 Resp: 1438864

Ion Ratio Lower Upper

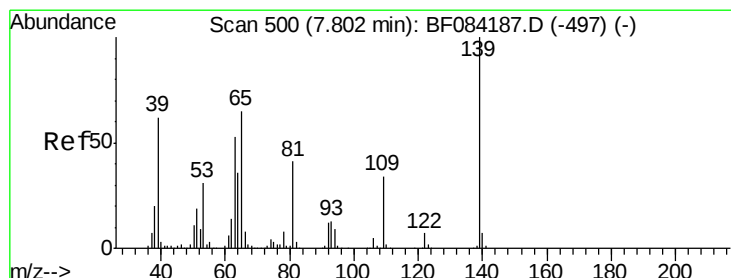
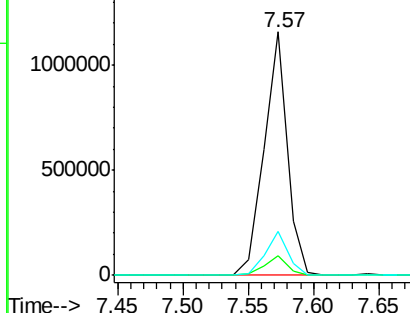
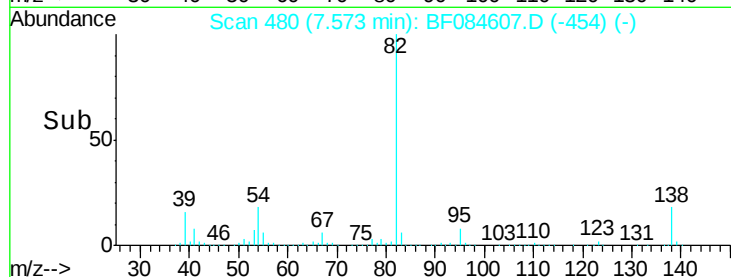
82 100

95 7.9 6.6 10.0

138 17.8 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.50 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

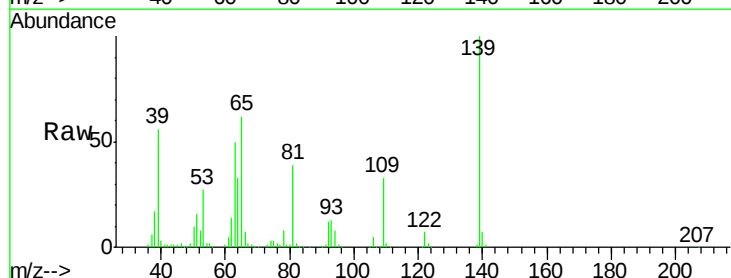
Tgt Ion: 139 Resp: 352510

Ion Ratio Lower Upper

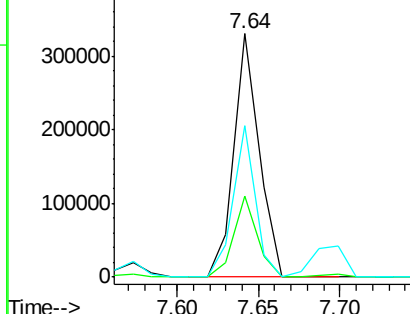
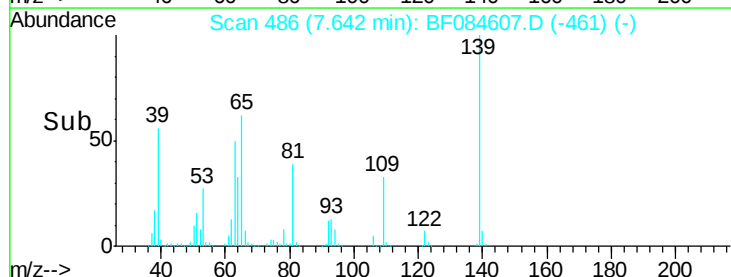
139 100

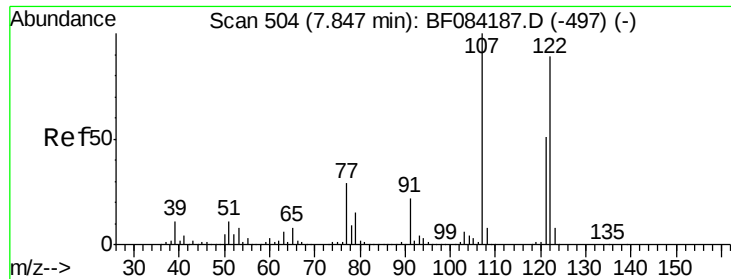
109 33.1 25.4 38.2

65 62.1 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 46.34 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

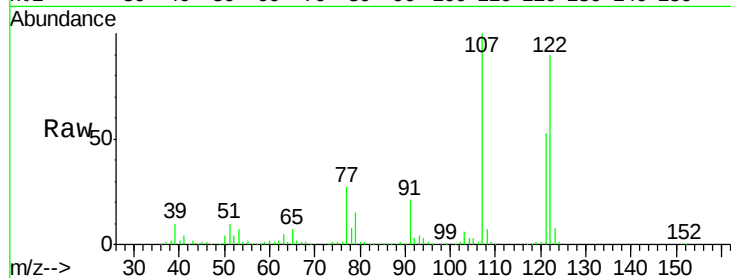
Tot Ion:122 Resp: 654746

Ion Ratio Lower Upper

122 100

107 110.6 99.1 148.7

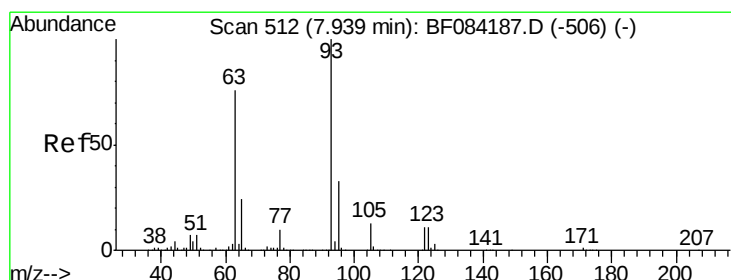
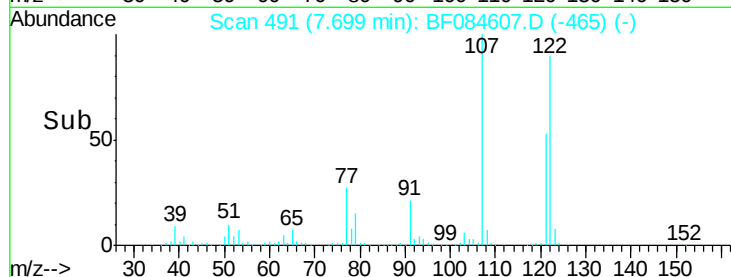
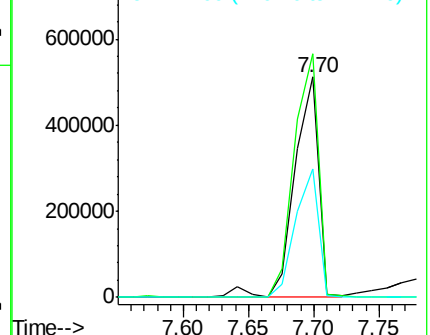
121 58.5 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.31 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

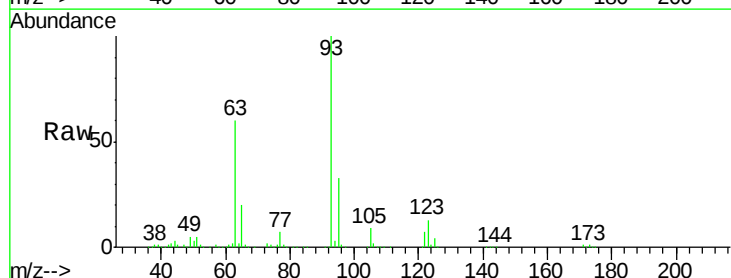
Tgt Ion: 93 Resp: 924102

Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.6

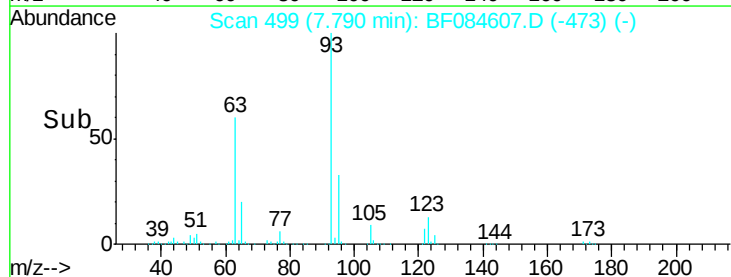
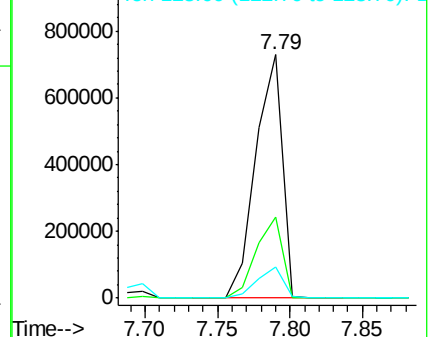
123 12.6 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.54 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

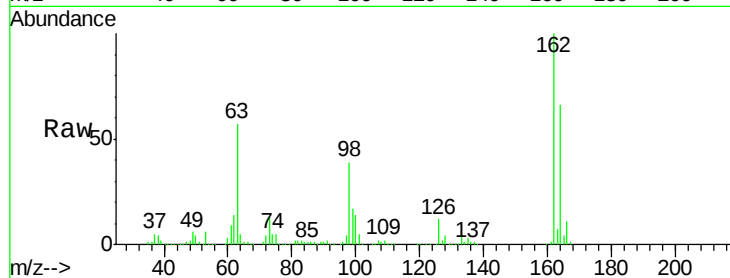
Tot Ion:162 Resp: 594843

Ion Ratio Lower Upper

162 100

164 65.7 44.1 84.1

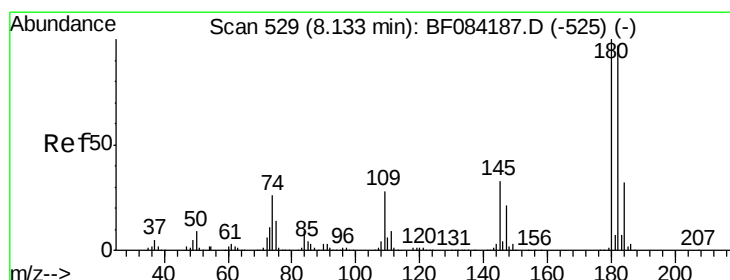
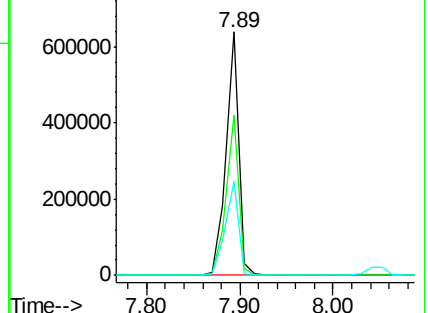
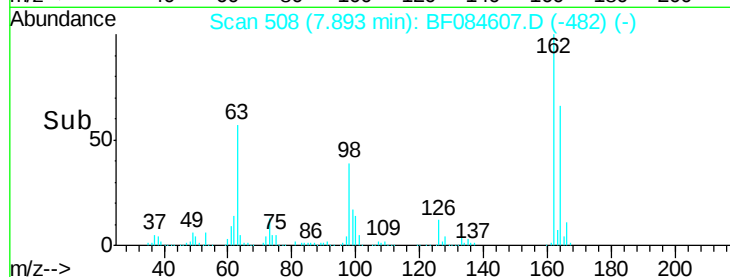
98 38.7 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 50.03 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

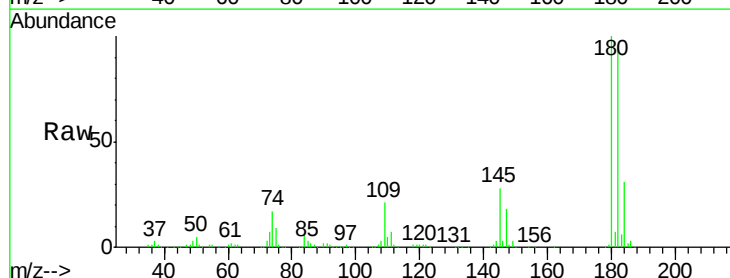
Tgt Ion:180 Resp: 607903

Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

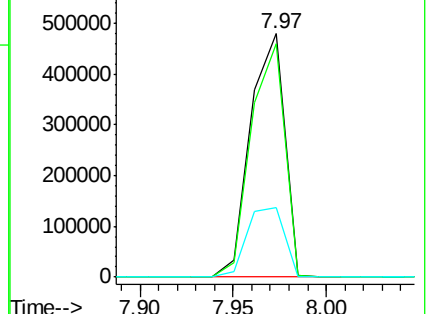
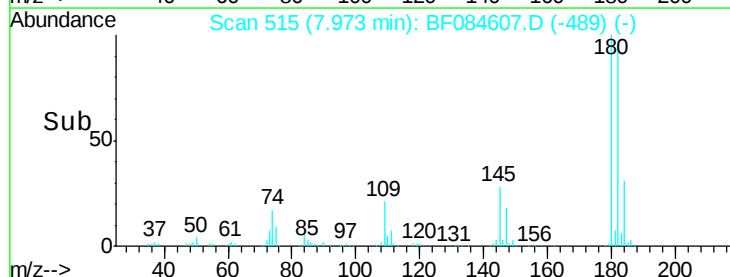
145 28.4 31.6 47.4#

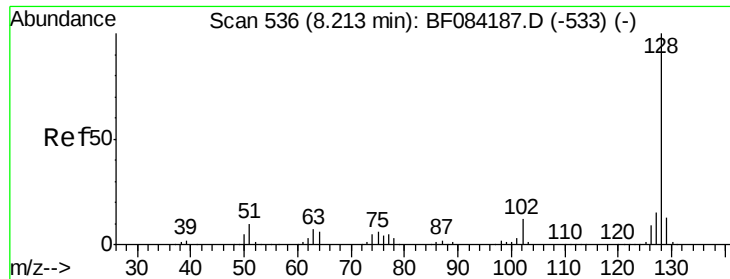


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

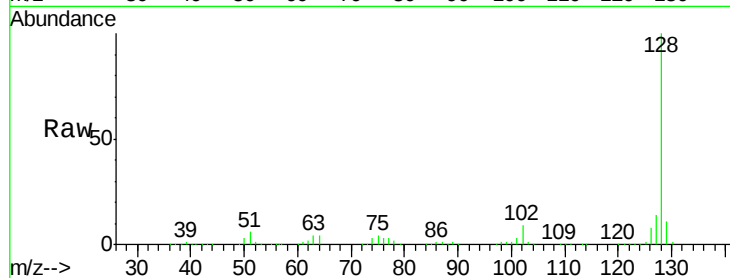




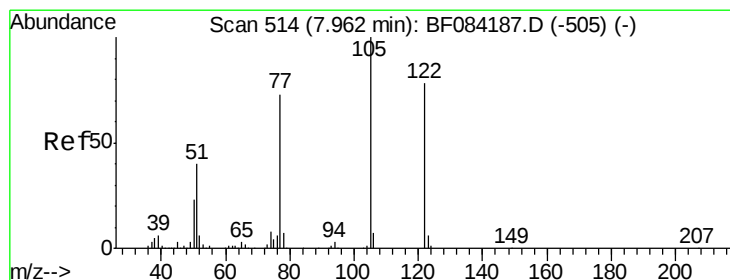
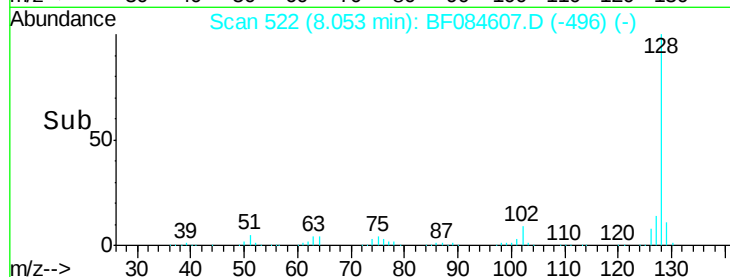
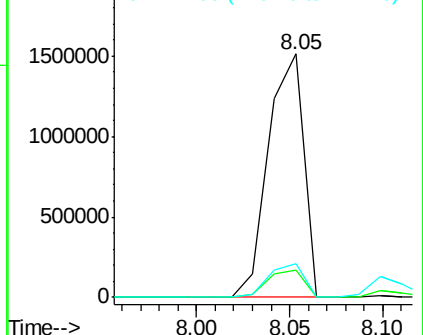
#31
Naphthalene
Concen: 52.14 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1991019
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.8 11.1 16.7

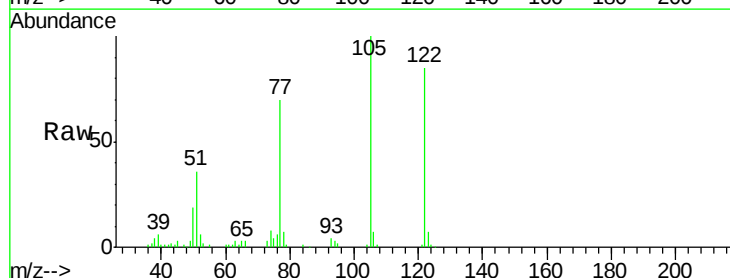


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

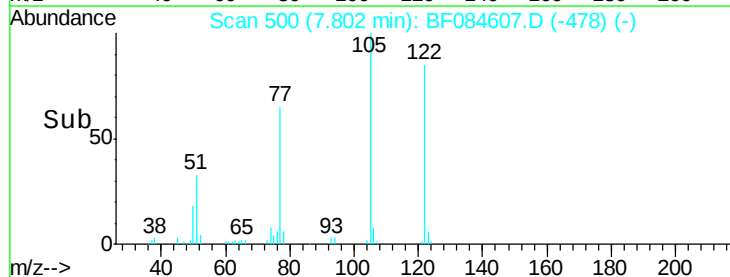
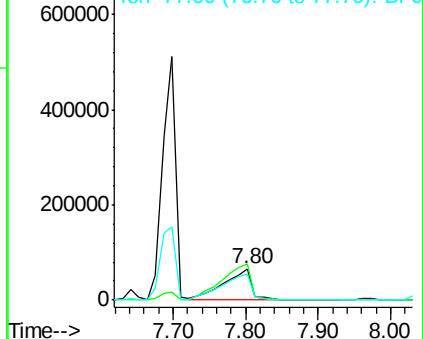


#32
Benzoic acid
Concen: 22.97 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion:122 Resp: 174759
Ion Ratio Lower Upper
122 100
105 118.2 100.3 140.3
77 83.2 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

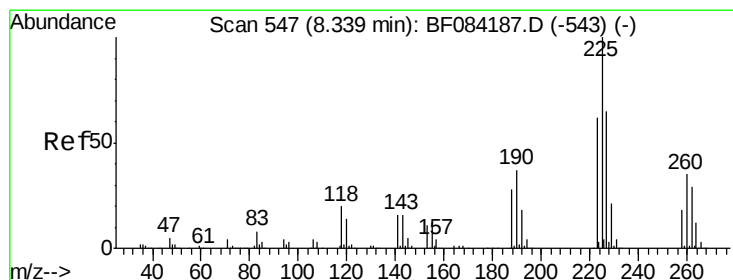
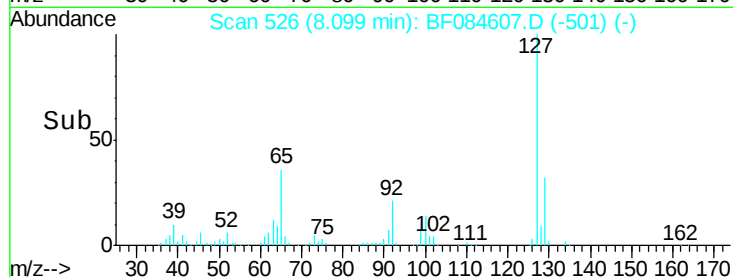
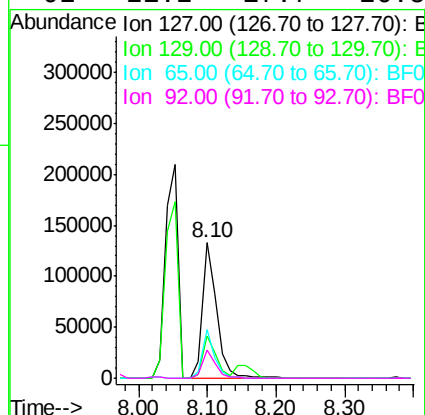
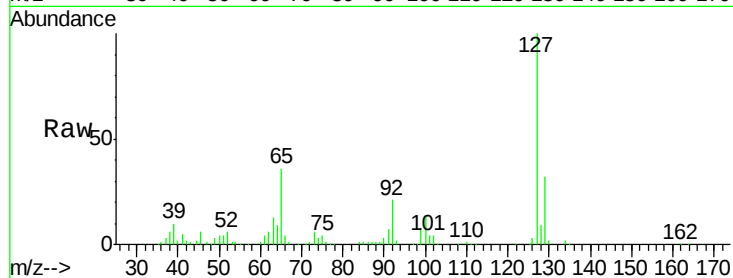




#33
4-Chloroaniline
Concen: 10.80 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

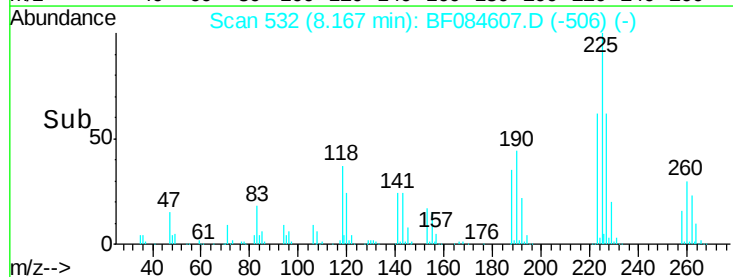
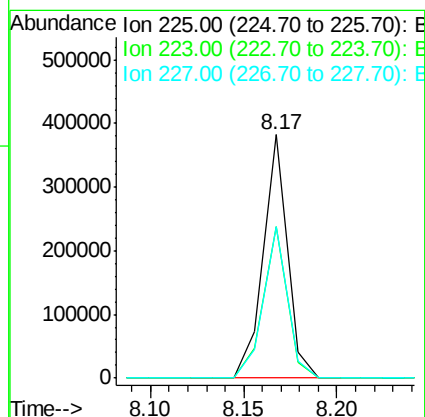
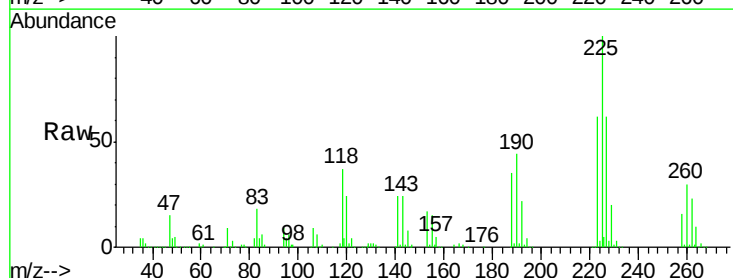
Instrument :
BNA_F
ClientSampleId :

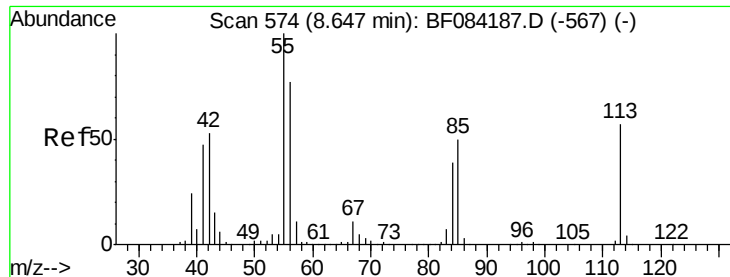
Tot Ion:	127	Resp:	189044
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.5	39.7
65	36.5	27.2	40.8
92	21.2	17.7	26.5



#34
Hexachlorobutadiene
Concen: 48.76 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion:	225	Resp:	340563
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.0
227	62.1	50.8	76.2

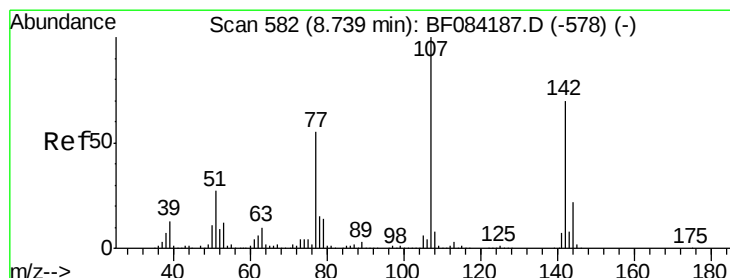
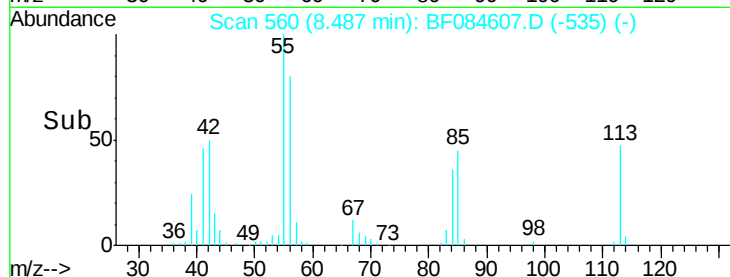
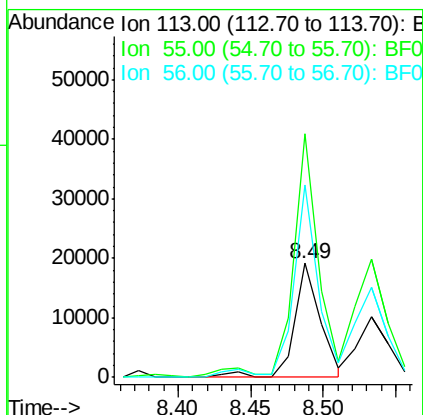
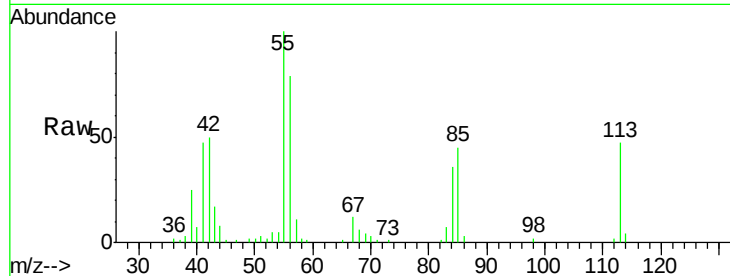




#35
 Caprolactam
 Concen: 5.97 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

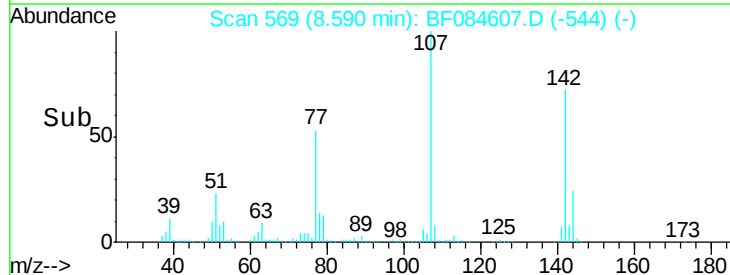
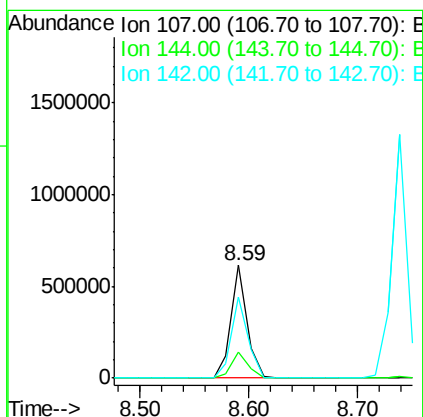
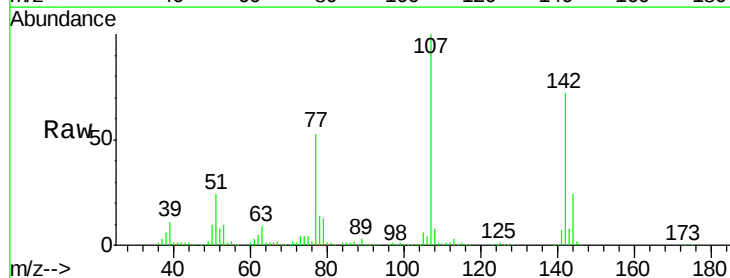
Instrument :
 BNA_F
 ClientSampleId :

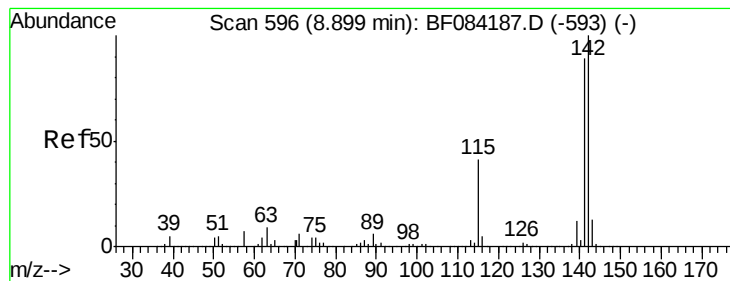
Tot Ion:113 Resp: 23690
 Ion Ratio Lower Upper
 113 100
 55 213.7 116.9 156.9#
 56 168.7 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 47.60 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Tgt Ion:107 Resp: 627514
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.7 29.5
 142 71.7 61.8 92.6





#37

2-Methylnaphthalene

Concen: 47.45 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

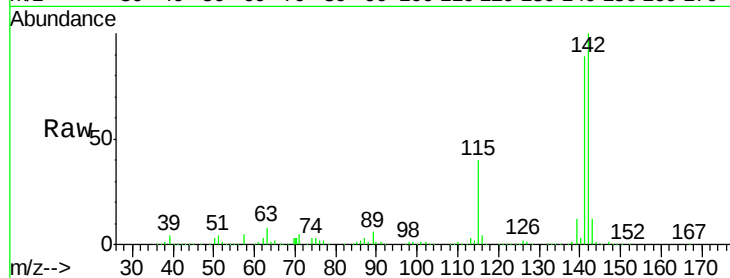
Tot Ion:142 Resp: 1300763

Ion Ratio Lower Upper

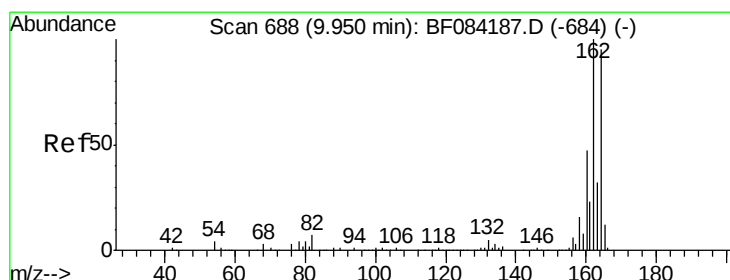
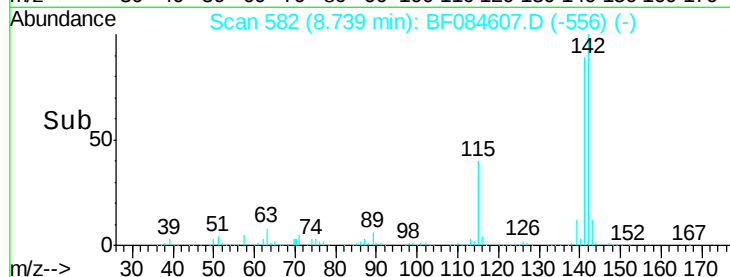
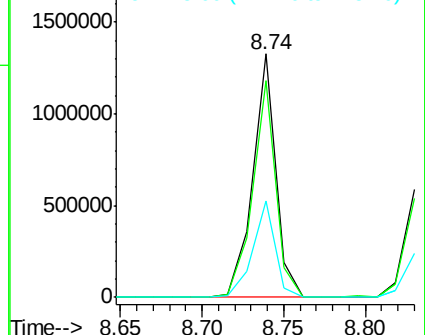
142 100

141 89.0 72.4 108.6

115 39.6 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

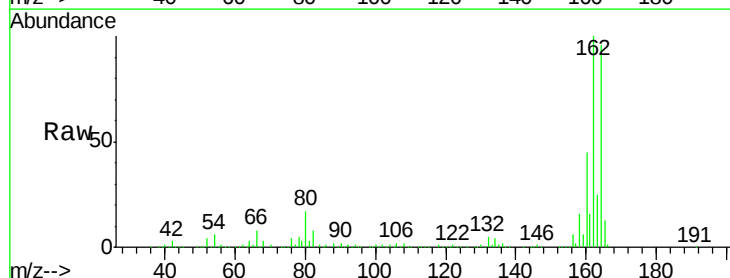
Tgt Ion:164 Resp: 411361

Ion Ratio Lower Upper

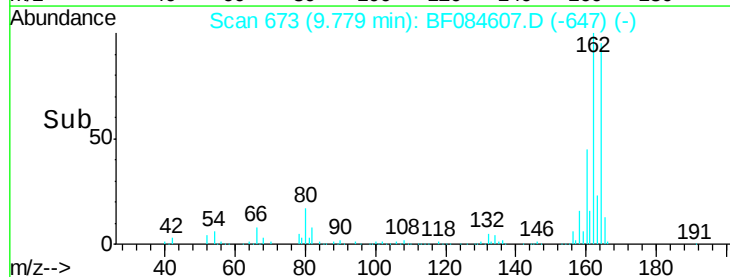
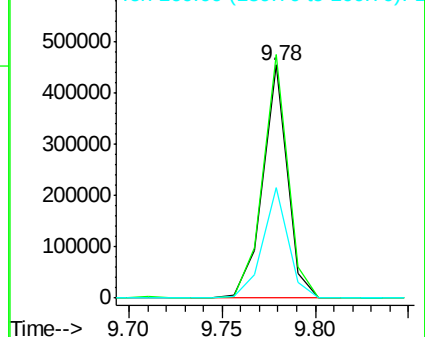
164 100

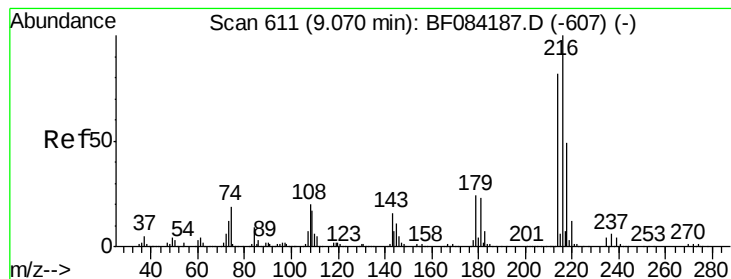
162 104.5 85.1 127.7

160 47.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.68 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 611212

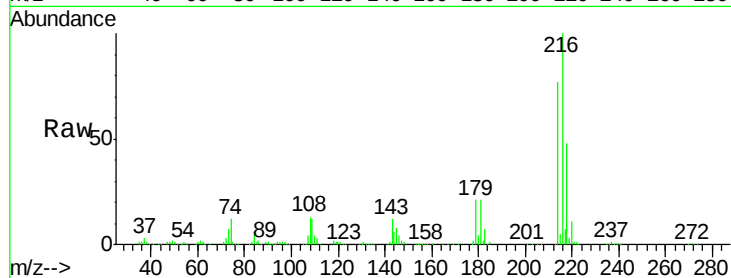
Ion Ratio Lower Upper

216 100

214 78.2 64.2 96.2

179 23.1 18.7 28.1

108 21.7 16.8 25.2

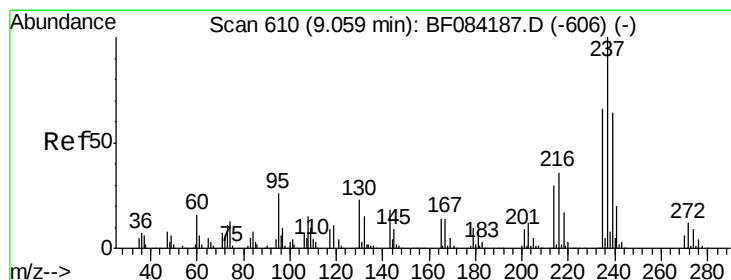
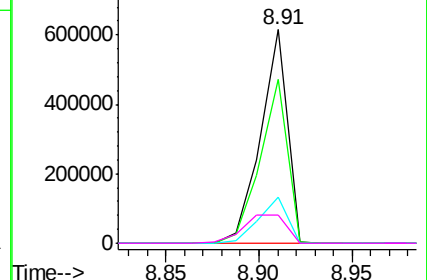
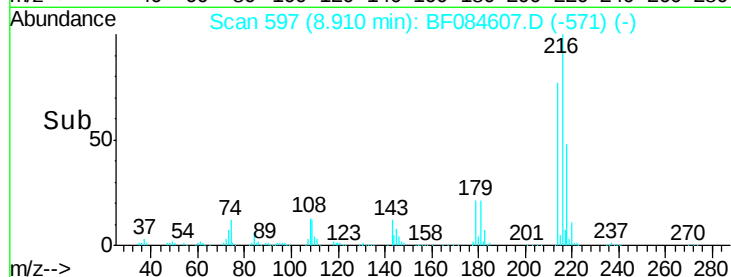


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.44 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

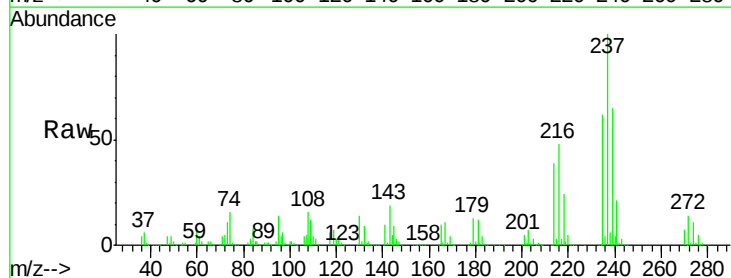
Tgt Ion:237 Resp: 574274

Ion Ratio Lower Upper

237 100

235 61.7 43.1 83.1

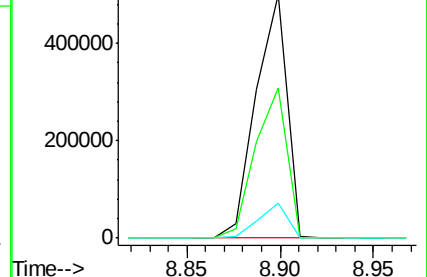
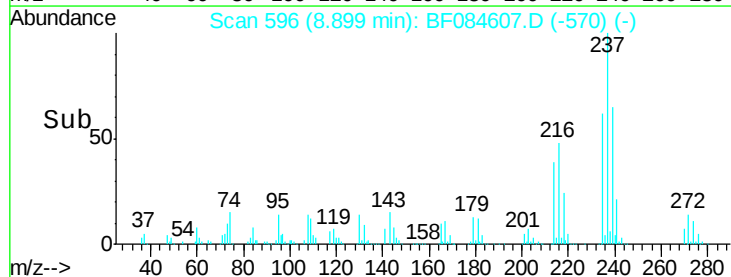
272 14.4 0.0 35.1

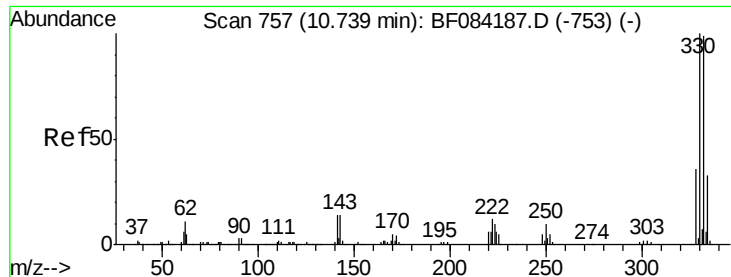


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

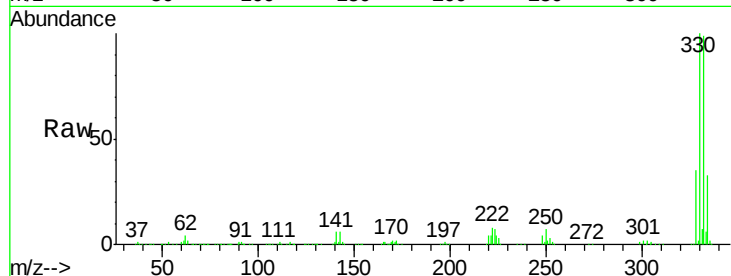




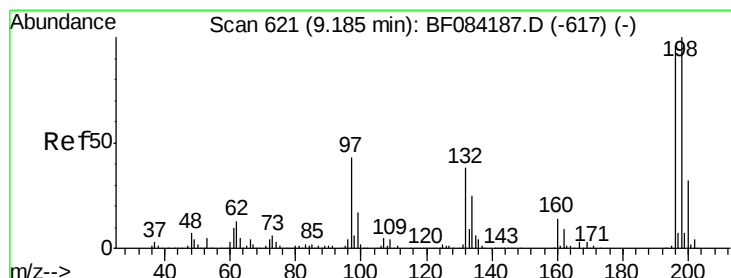
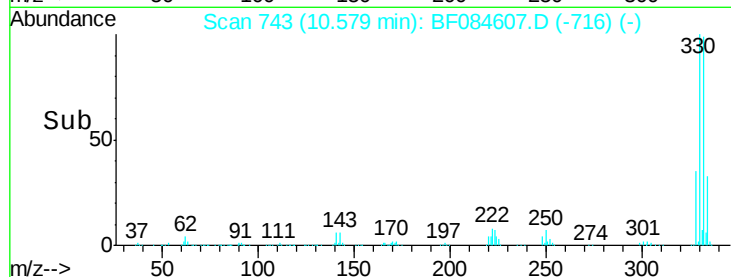
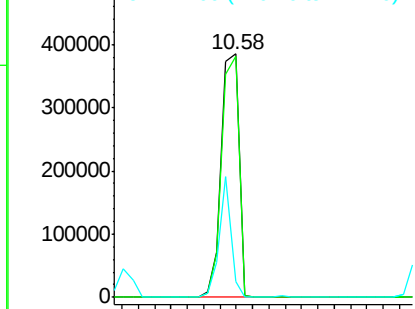
#41
 2,4,6-Tribromophenol
 Concen: 139.60 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.01 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 579747
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 33.0 27.8 41.6

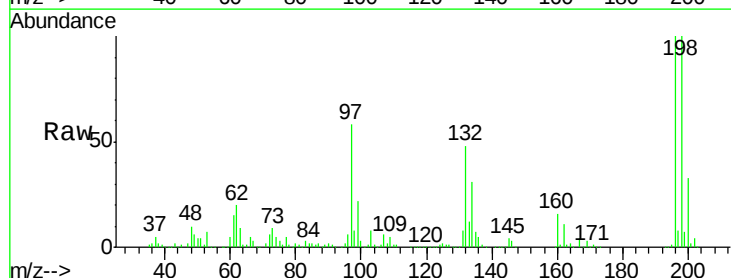


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

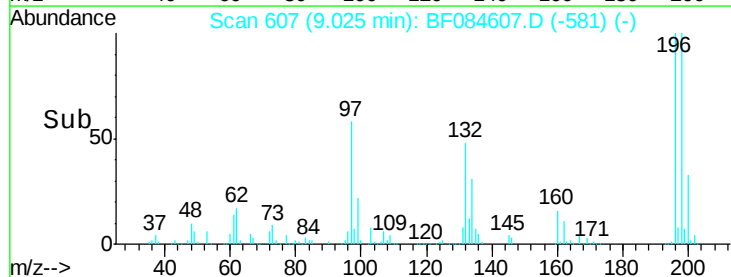
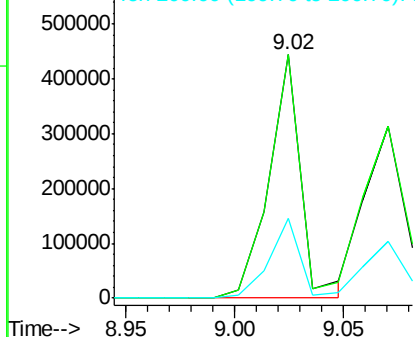


#42
 2,4,6-Trichlorophenol
 Concen: 51.53 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Tgt Ion:196 Resp: 455880
 Ion Ratio Lower Upper
 196 100
 198 99.9 77.7 116.5
 200 32.7 24.6 37.0



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

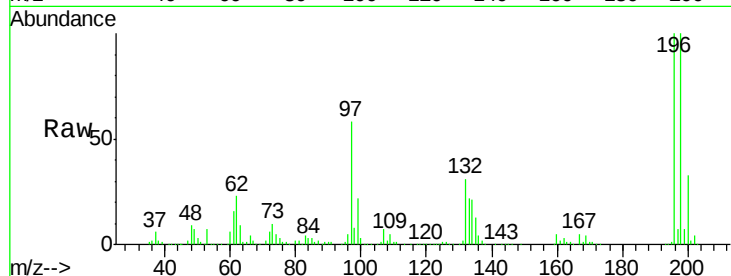




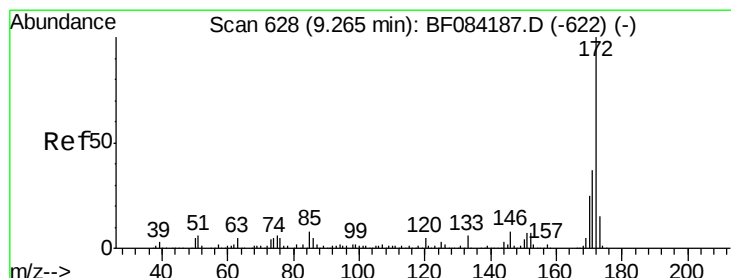
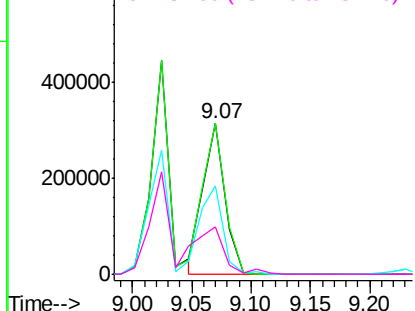
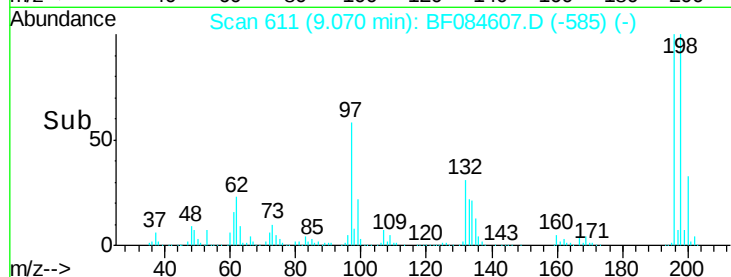
#43
 2,4,5-Trichlorophenol
 Concen: 47.74 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 404879
 Ion Ratio Lower Upper
 196 100
 198 100.1 79.0 118.6
 97 58.4 33.0 49.6#
 132 31.4 21.1 31.7

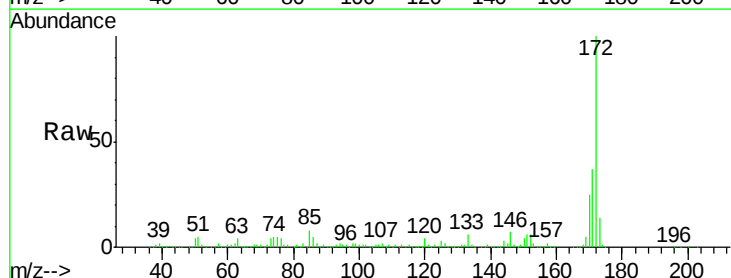


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

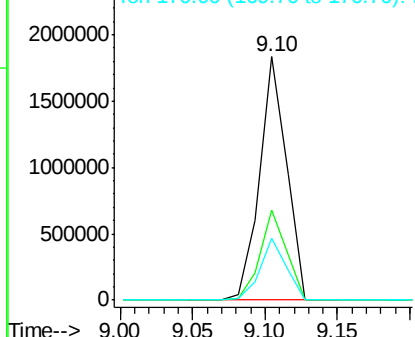
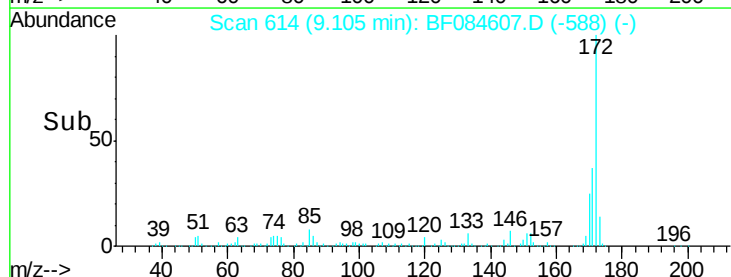


#44
 2-Fluorobiphenyl
 Concen: 101.75 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Tgt Ion:172 Resp: 2350114
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 25.4 18.6 27.8



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

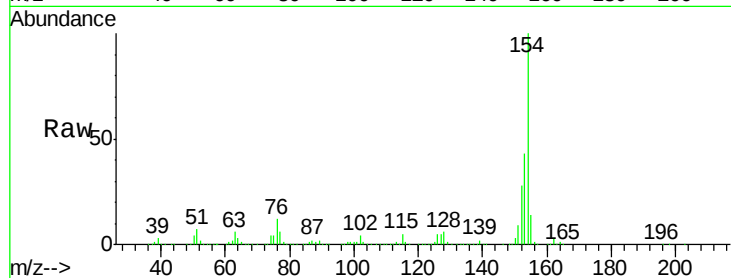




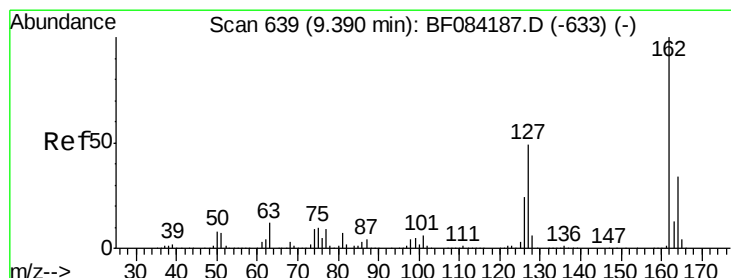
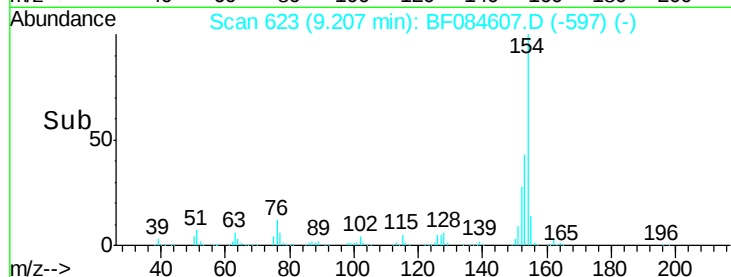
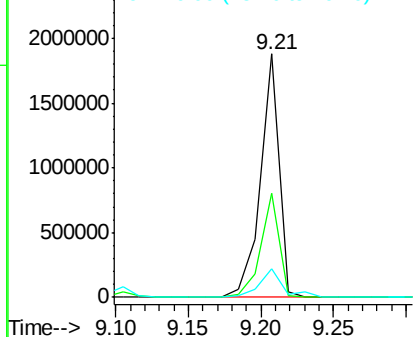
#45
 1,1'-Biphenyl
 Concen: 51.01 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1667674
 Ion Ratio Lower Upper
 154 100
 153 42.7 21.6 61.6
 76 11.8 0.0 32.7

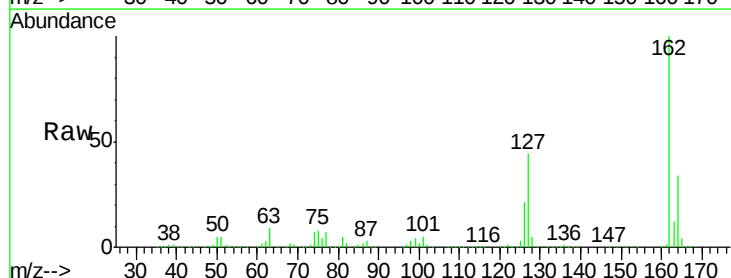


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

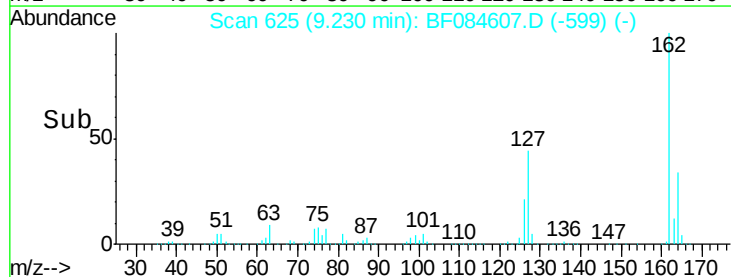
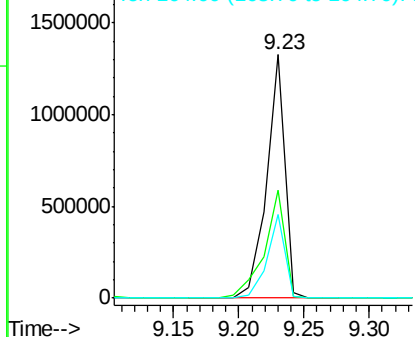


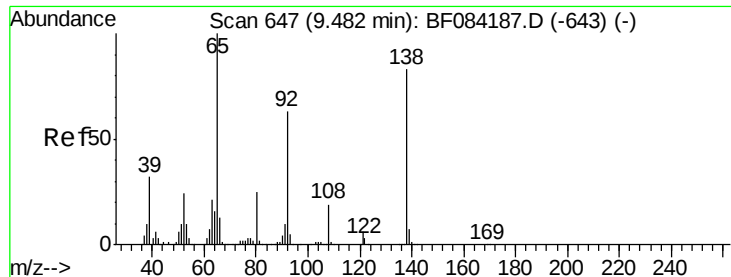
#46
 2-Chloronaphthalene
 Concen: 50.39 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Tgt Ion:162 Resp: 1293954
 Ion Ratio Lower Upper
 162 100
 127 44.3 40.2 60.4
 164 34.2 25.7 38.5



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: 59.14 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

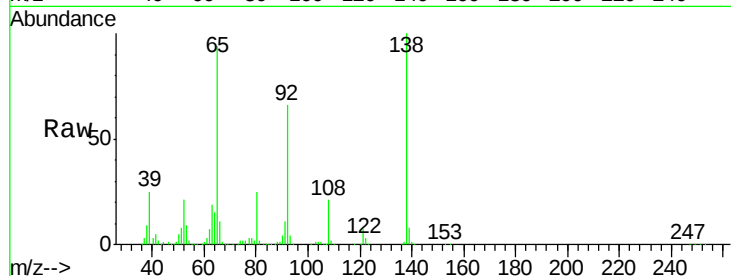
Tot Ion: 65 Resp: 501264

Ion Ratio Lower Upper

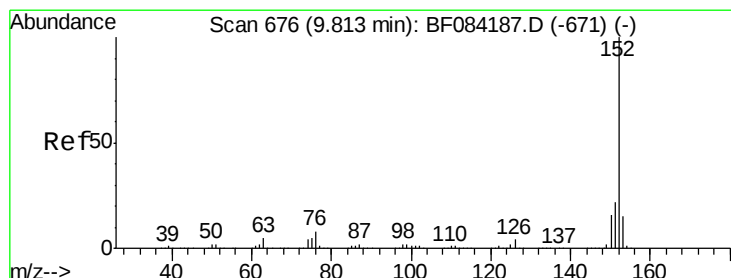
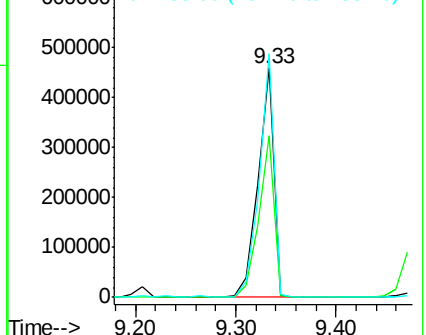
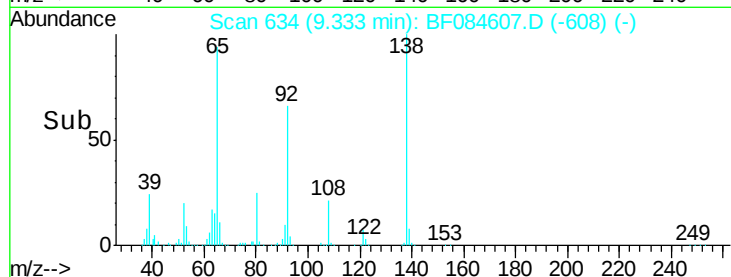
65 100

92 70.6 53.4 80.2

138 106.3 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 47.98 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

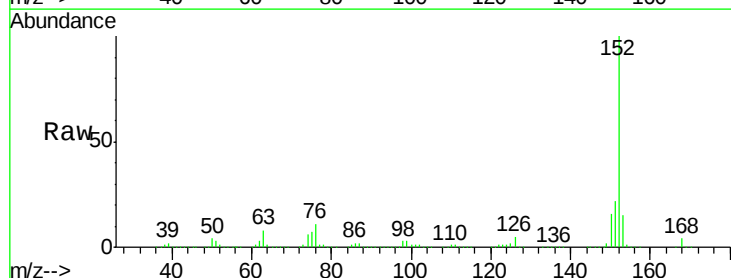
Tgt Ion: 152 Resp: 1820433

Ion Ratio Lower Upper

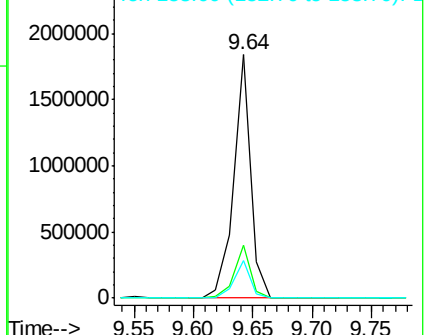
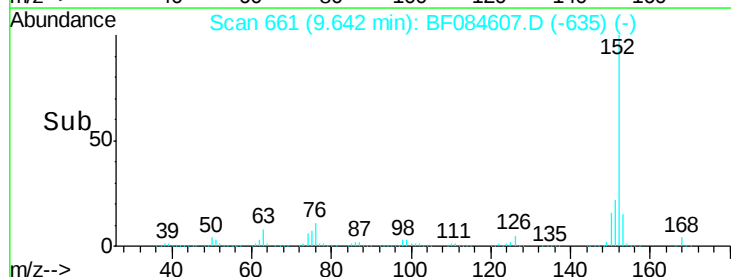
152 100

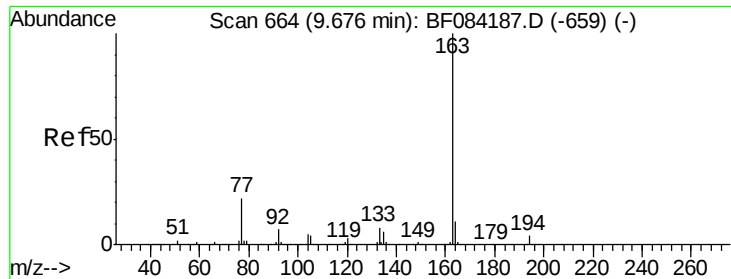
151 21.6 16.3 24.5

153 15.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

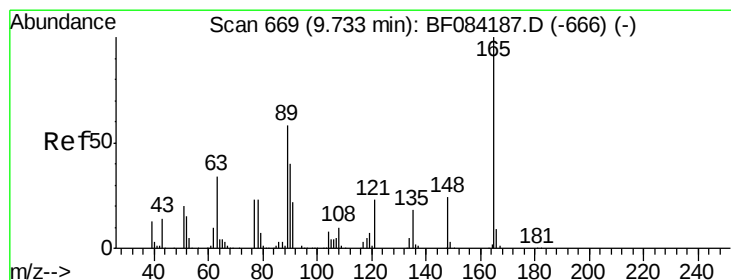
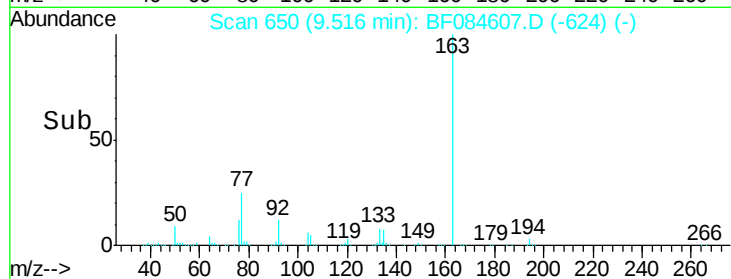
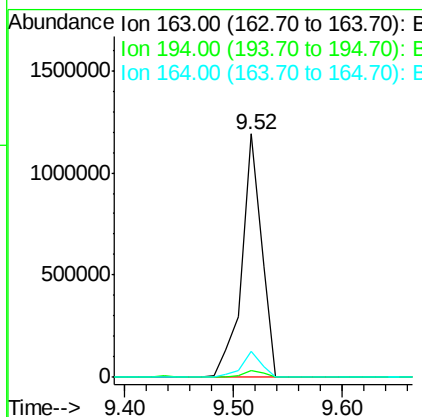
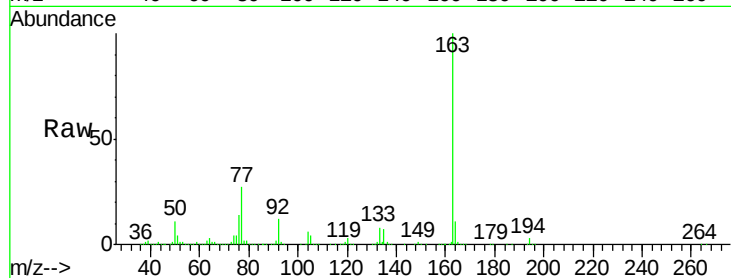




#49
Dimethylphthalate
Concen: 50.65 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

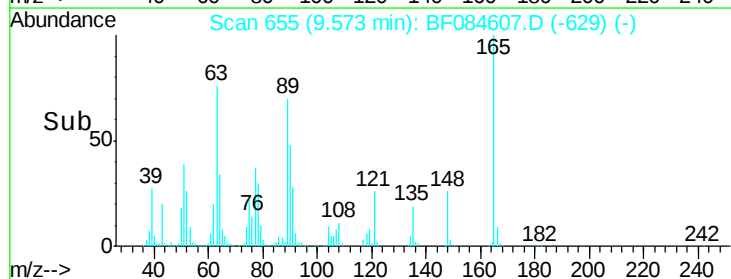
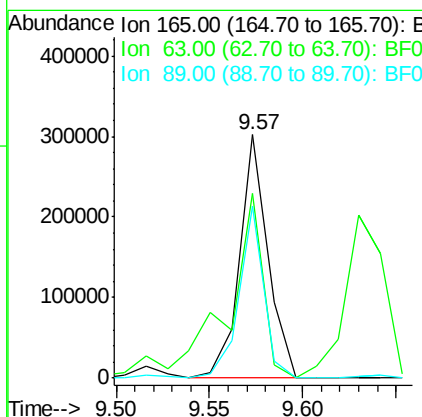
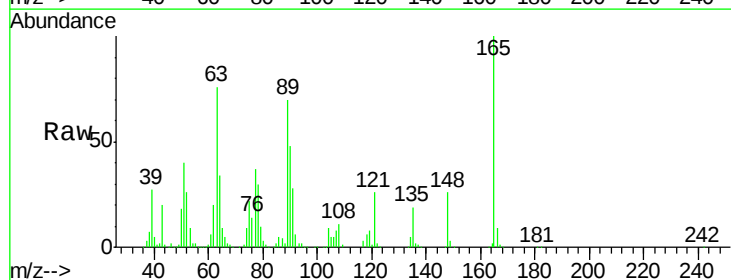
Instrument :
BNA_F
ClientSampleId :

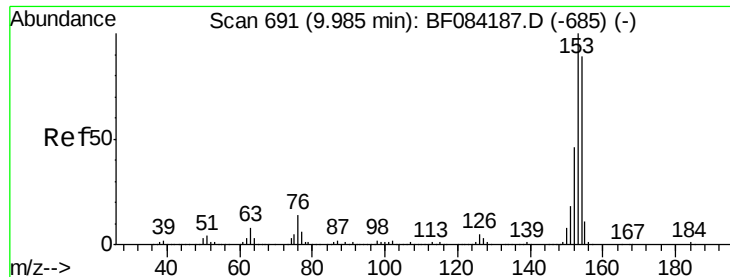
Tot Ion:163 Resp: 1489653
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.9 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 49.53 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion:165 Resp: 319491
Ion Ratio Lower Upper
165 100
63 75.9 28.8 43.2#
89 70.5 35.1 52.7#





#51

Acenaphthene

Concen: 47.97 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

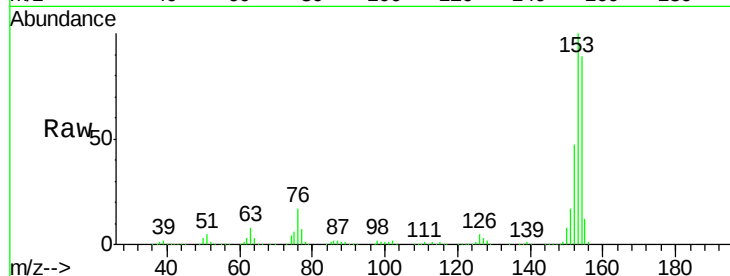
Tot Ion:154 Resp: 1220922

Ion Ratio Lower Upper

154 100

153 112.1 91.5 137.3

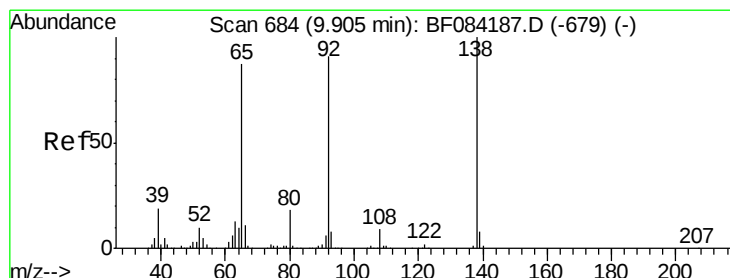
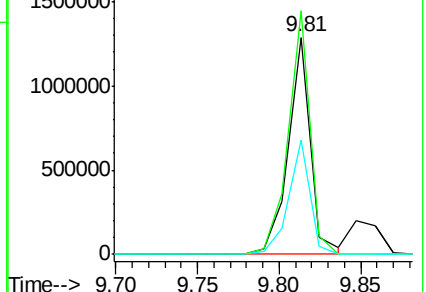
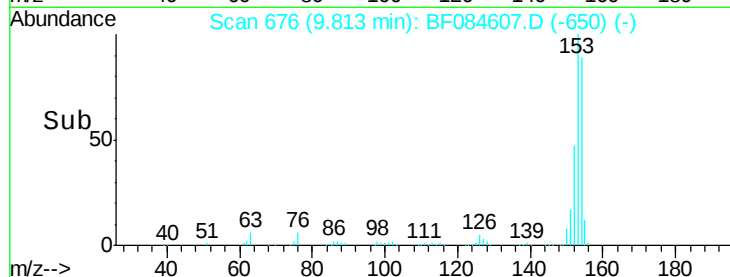
152 52.4 43.0 64.6



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: 20.07 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

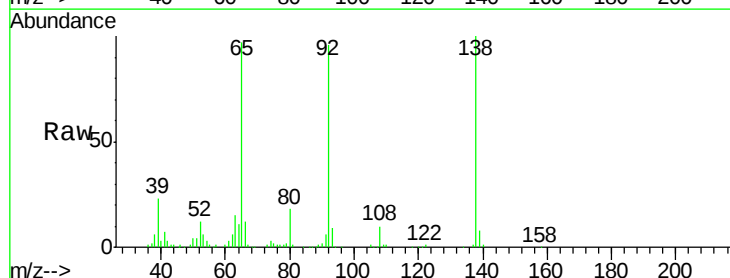
Tgt Ion:138 Resp: 160379

Ion Ratio Lower Upper

138 100

108 9.8 10.5 15.7#

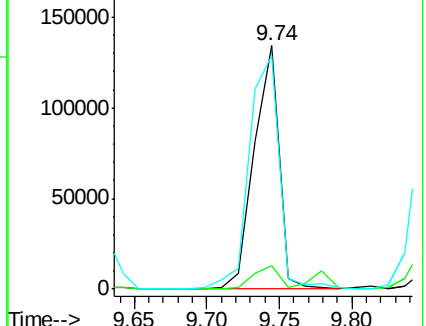
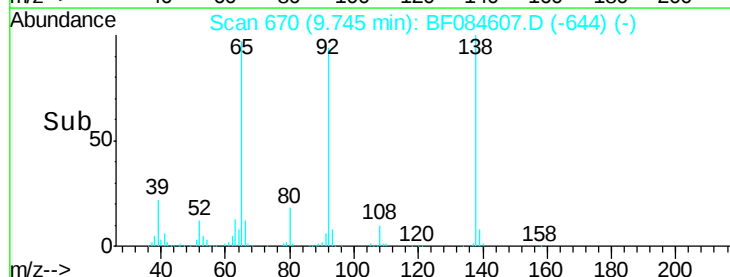
92 95.9 103.9 155.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

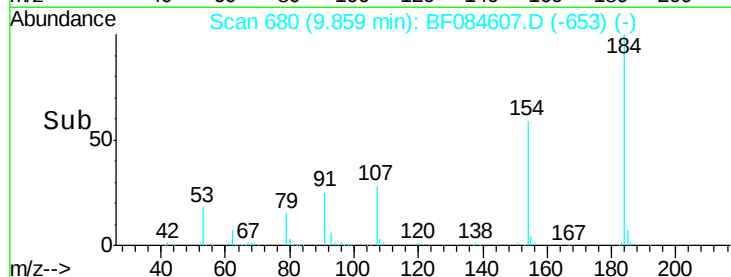
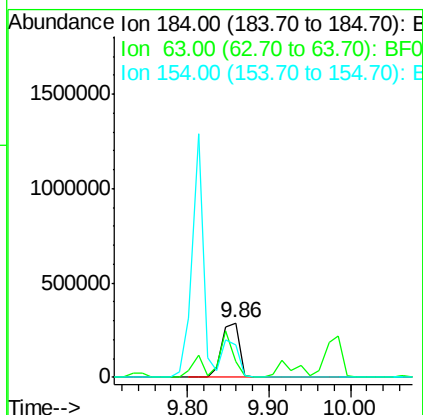
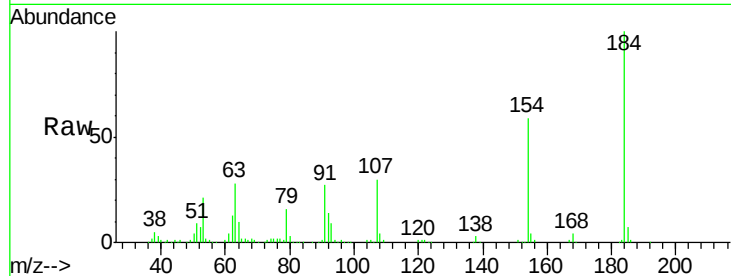




#53
2,4-Dinitrophenol
Concen: 156.39 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

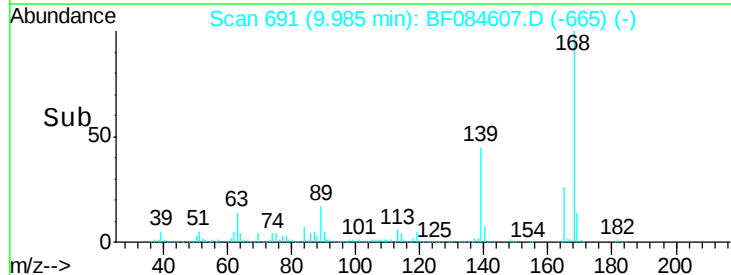
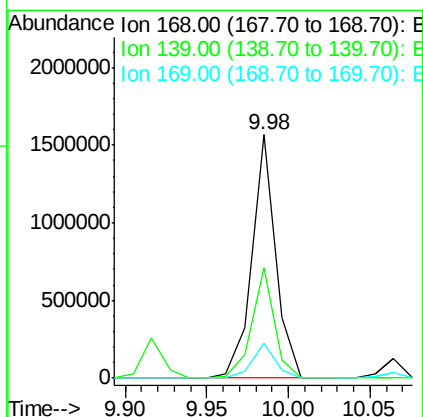
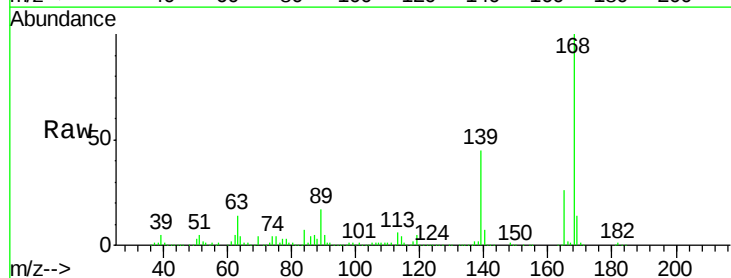
Instrument :
BNA_F
ClientSampleId :

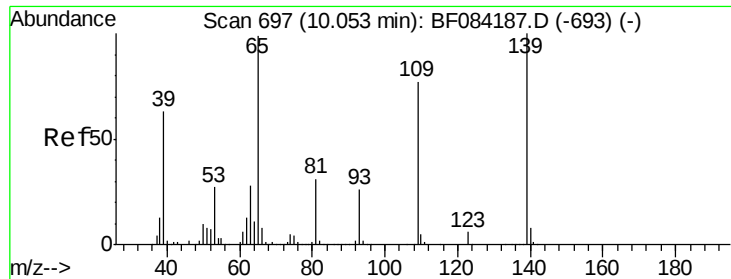
Tot Ion:184 Resp: 439470
Ion Ratio Lower Upper
184 100
63 28.4 43.1 64.7#
154 59.3 60.5 90.7#



#54
Dibenzofuran
Concen: 48.37 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion:168 Resp: 1587020
Ion Ratio Lower Upper
168 100
139 45.3 30.5 45.7
169 14.1 10.4 15.6

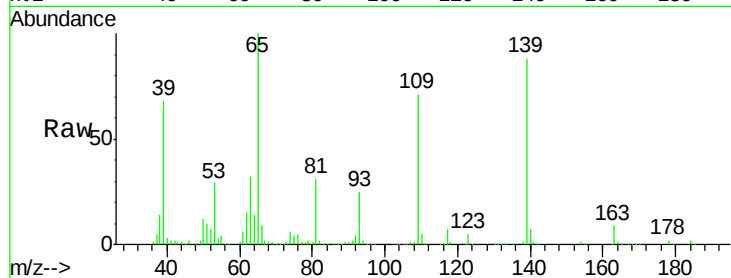




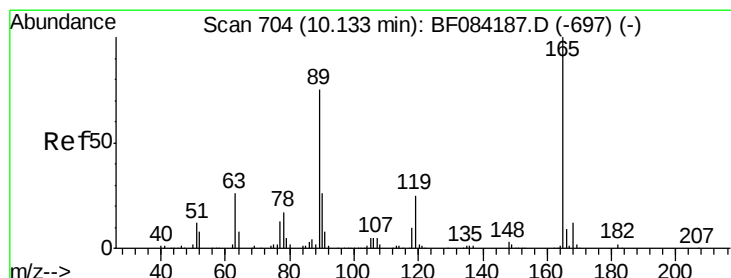
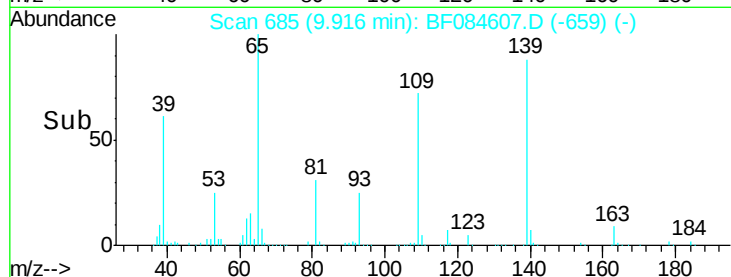
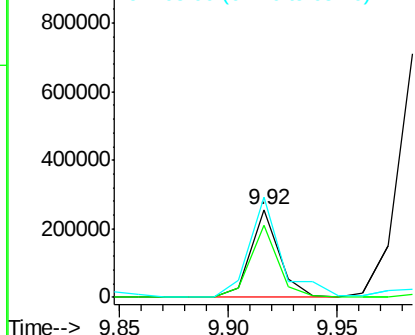
#55
4-Nitrophenol
Concen: 41.19 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 238959
Ion Ratio Lower Upper
139 100
109 81.2 58.5 98.5
65 114.1 57.6 97.6#

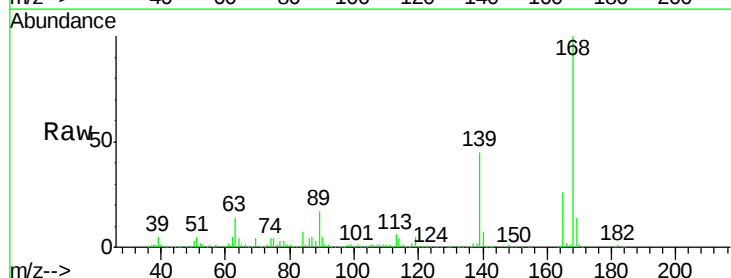


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

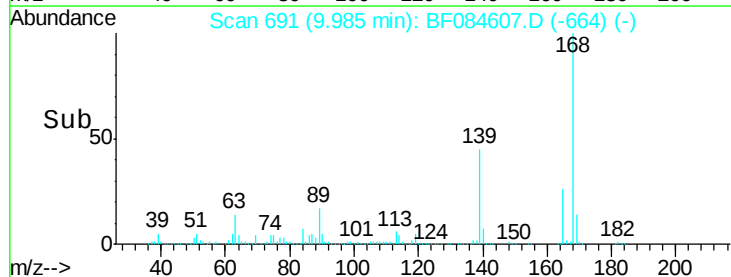
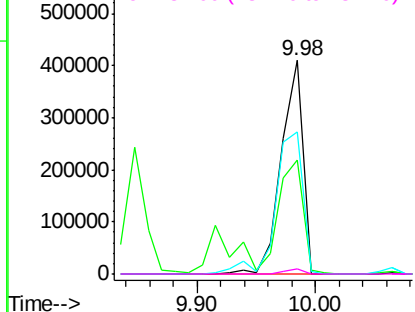


#56
2,4-Dinitrotoluene
Concen: 62.31 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion:165 Resp: 508661
Ion Ratio Lower Upper
165 100
63 53.6 36.7 55.1
89 66.7 61.9 92.9
182 2.2 2.0 3.0



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 50.49 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

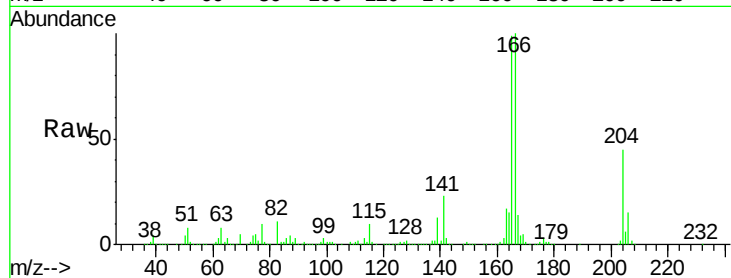
Tot Ion:166 Resp: 1279478

Ion Ratio Lower Upper

166 100

165 99.5 79.1 118.7

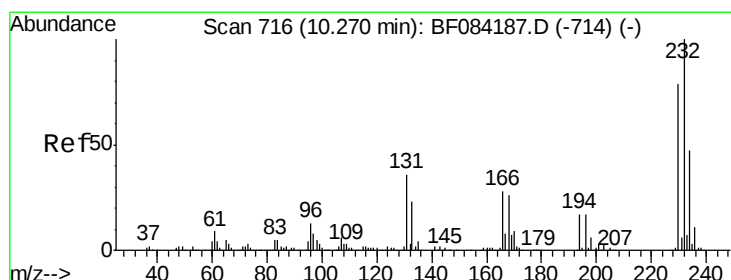
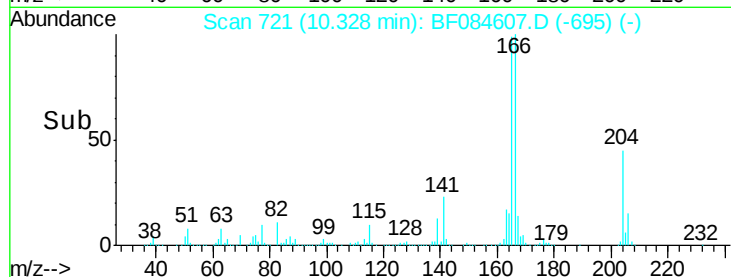
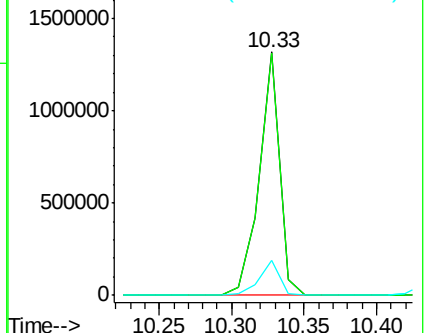
167 14.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.20 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Tgt Ion:232 Resp: 399739

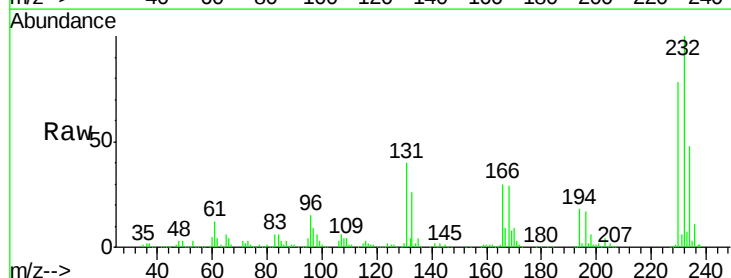
Ion Ratio Lower Upper

232 100

131 49.3 47.0 70.6

130 2.5 2.0 3.0

166 32.7 30.5 45.7

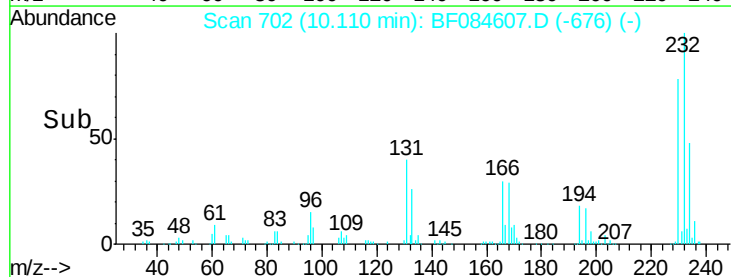
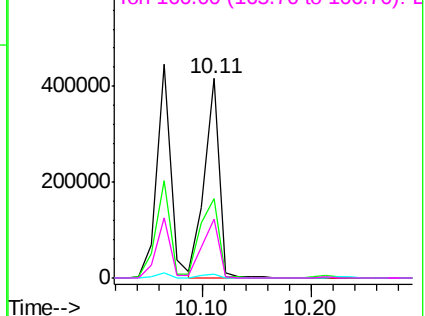


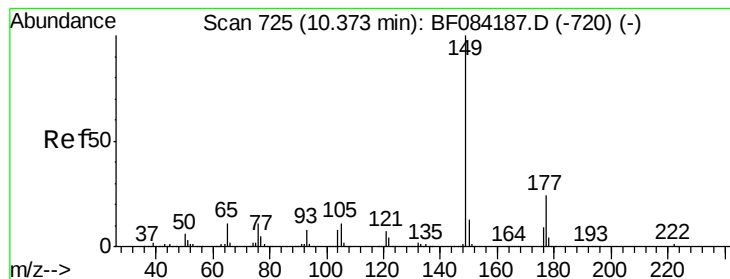
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 52.13 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

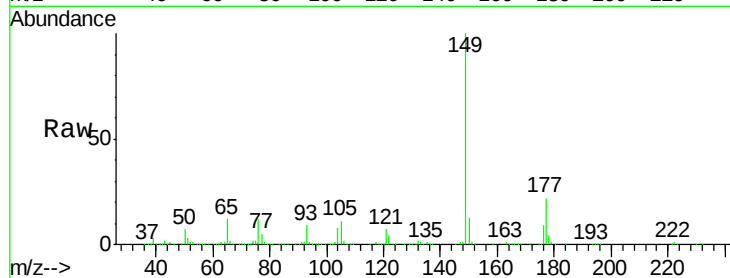
Tot Ion:149 Resp: 1511516

Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

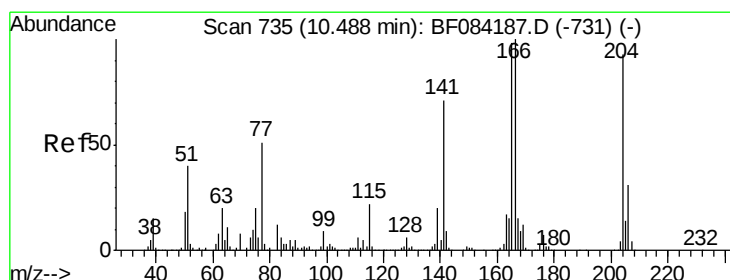
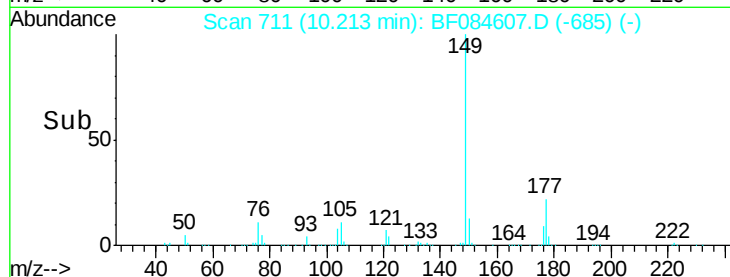
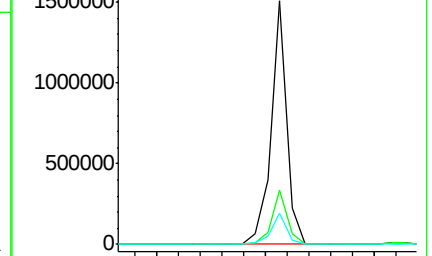
150 13.0 9.8 14.8



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: 65.18 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

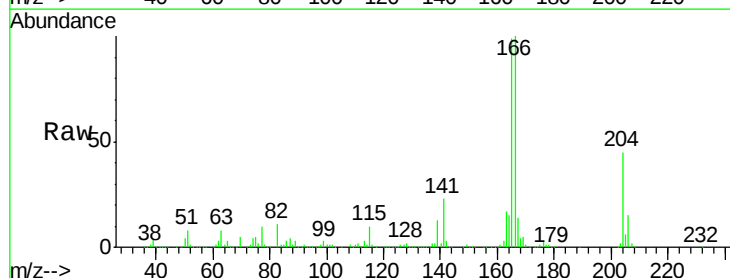
Tgt Ion:204 Resp: 662779

Ion Ratio Lower Upper

204 100

206 33.4 25.7 38.5

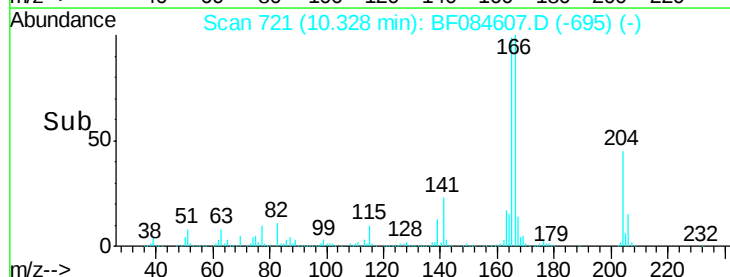
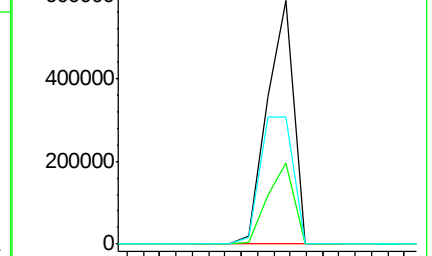
141 52.5 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

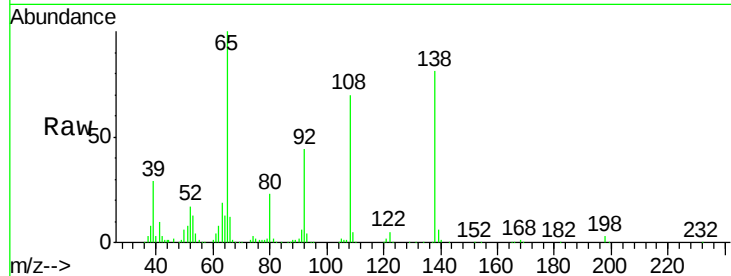




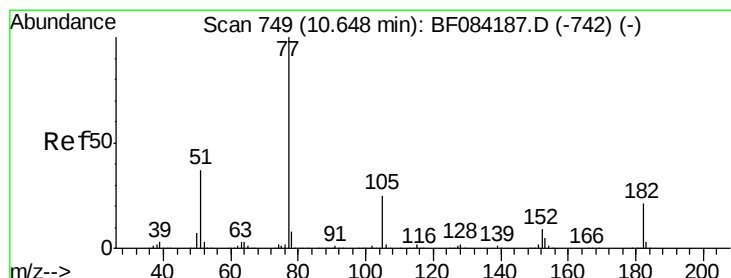
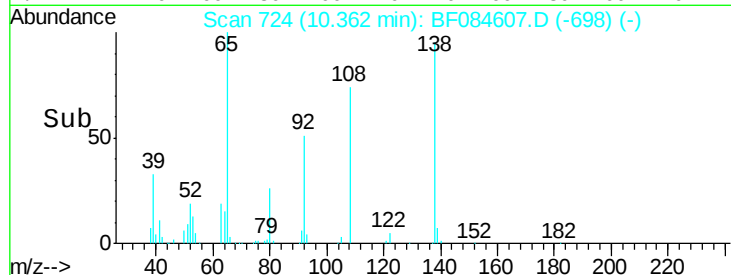
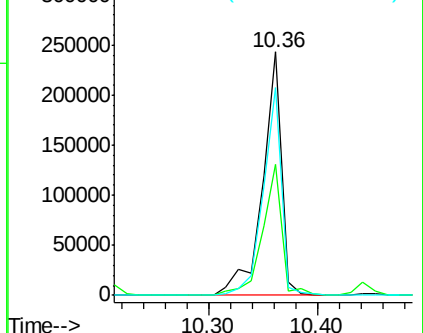
#61
4-Nitroaniline
Concen: 42.11 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 299979
Ion Ratio Lower Upper
138 100
92 53.8 32.6 72.6
108 85.6 68.6 108.6

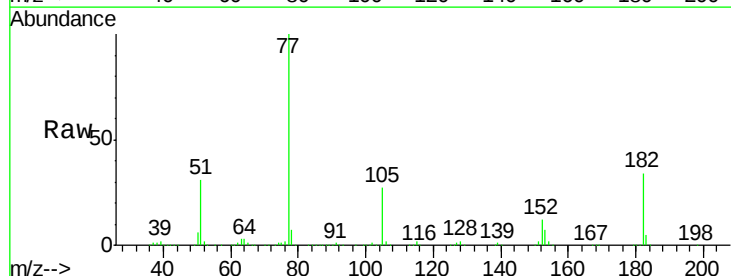


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

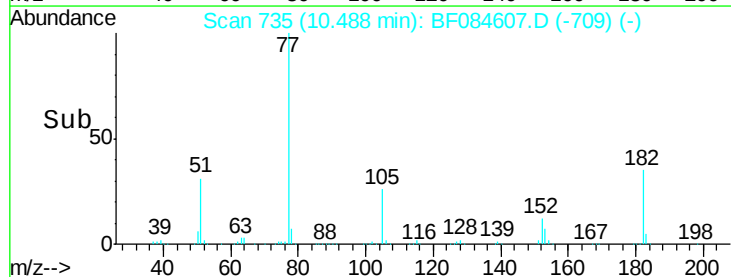
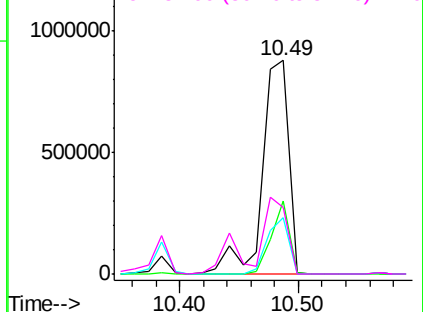


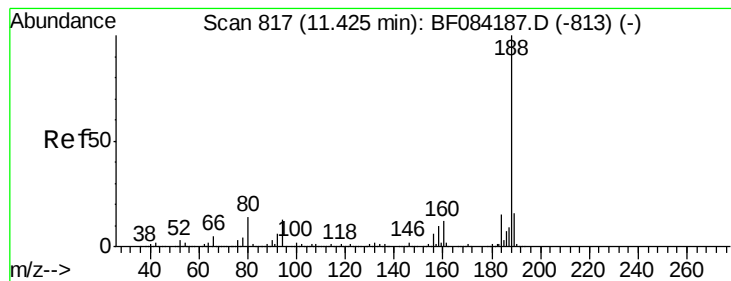
#62
Azobenzene
Concen: 43.04 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion: 77 Resp: 1368897
Ion Ratio Lower Upper
77 100
182 34.4 8.3 48.3
105 26.6 4.6 44.6
51 31.1 6.2 46.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

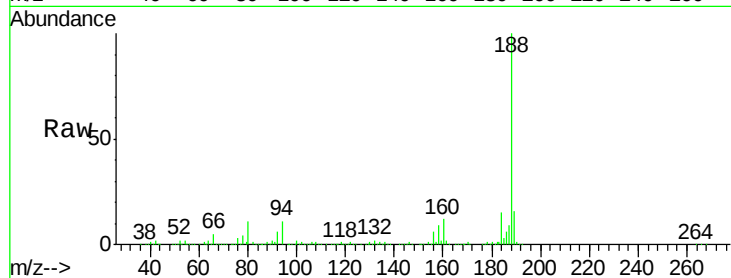
Tot Ion:188 Resp: 662353

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

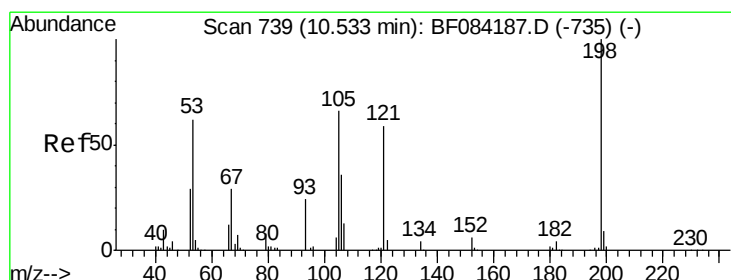
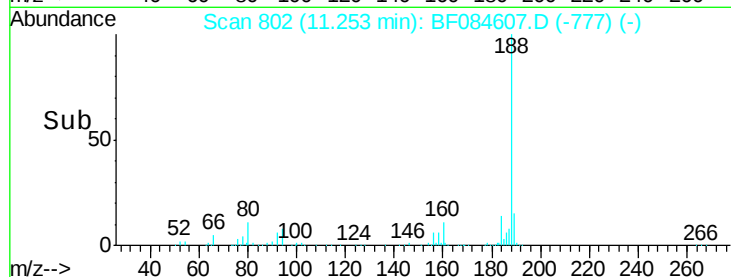
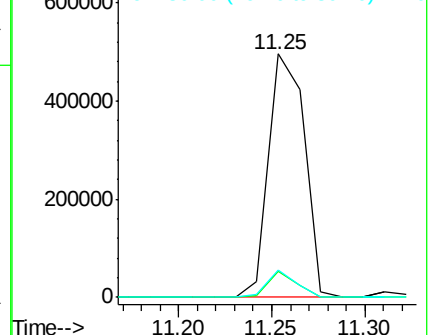
80 11.4 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 54.76 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

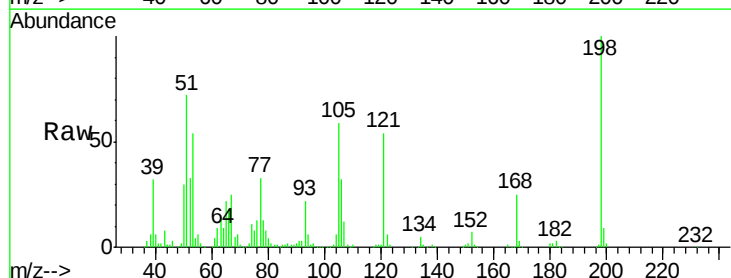
Tgt Ion:198 Resp: 216178

Ion Ratio Lower Upper

198 100

51 72.2 18.9 58.9#

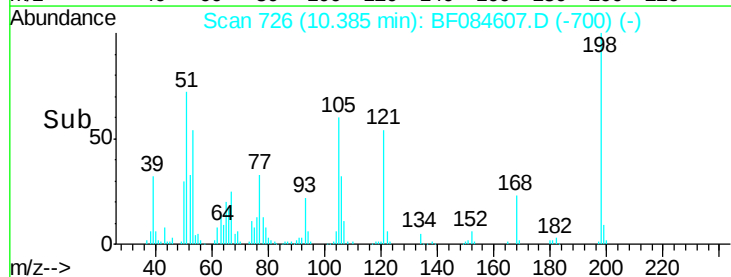
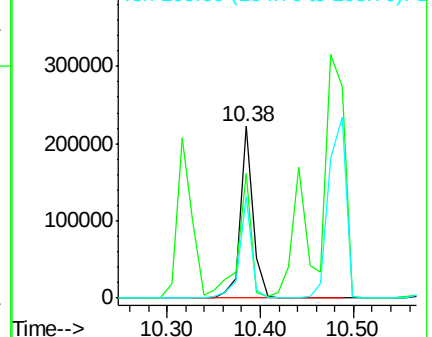
105 59.5 26.4 66.4

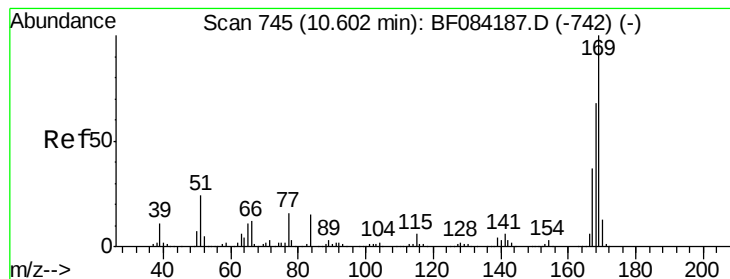


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.77 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampled :

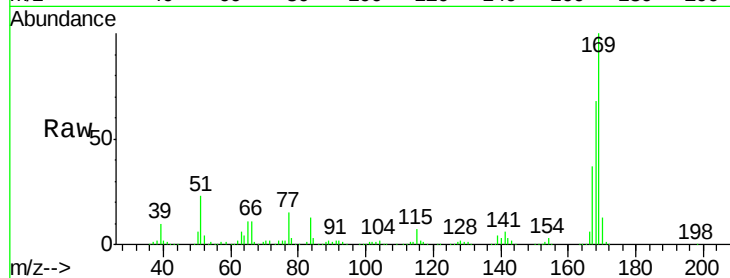
Tot Ion:169 Resp: 1032885

Ion Ratio Lower Upper

169 100

168 67.8 55.1 82.7

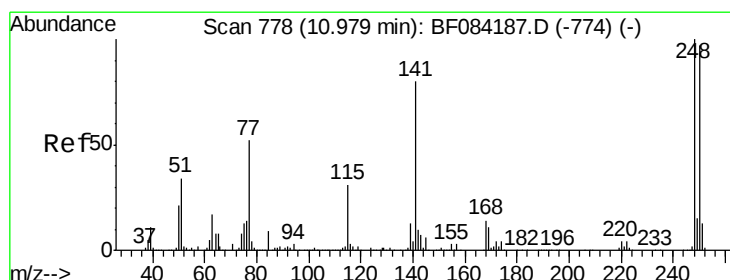
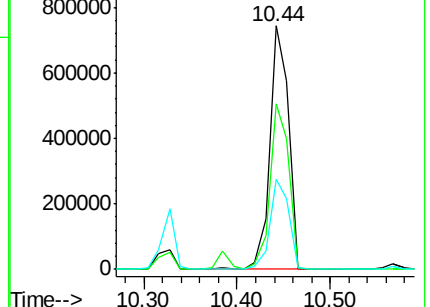
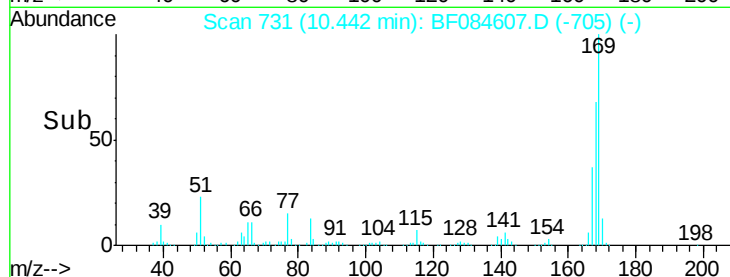
167 37.2 30.0 45.0



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: 47.74 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

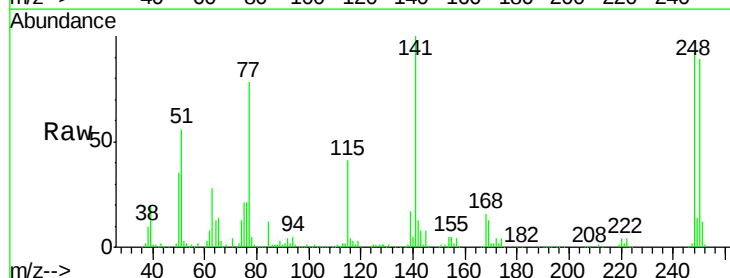
Tgt Ion:248 Resp: 340335

Ion Ratio Lower Upper

248 100

250 96.4 78.4 117.6

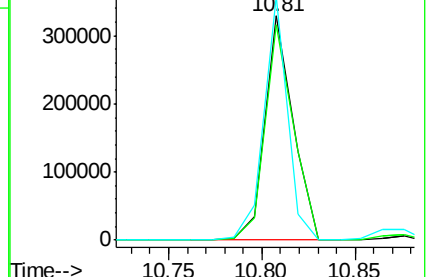
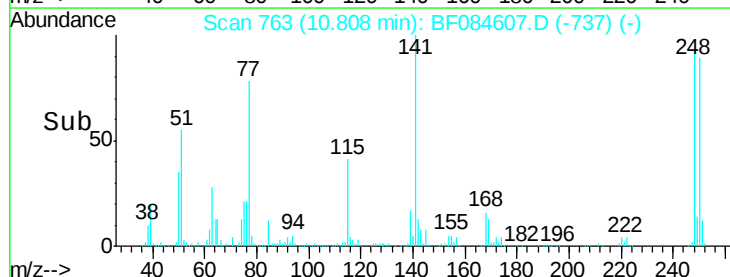
141 108.7 44.0 66.0#

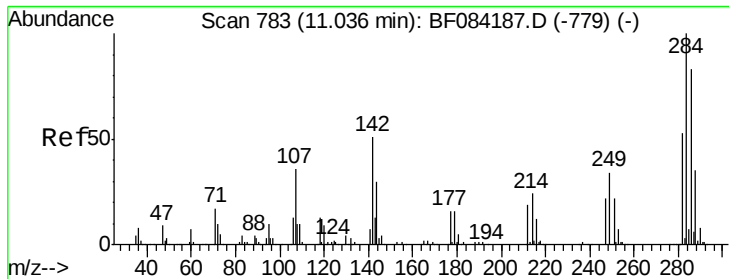


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

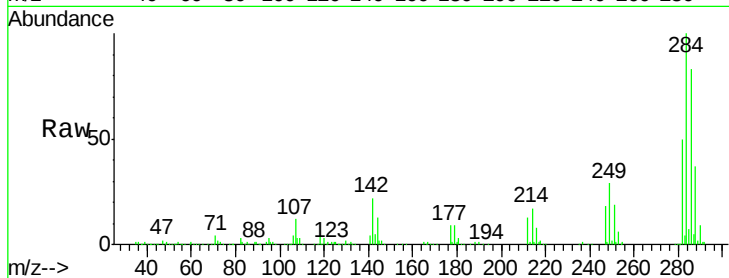




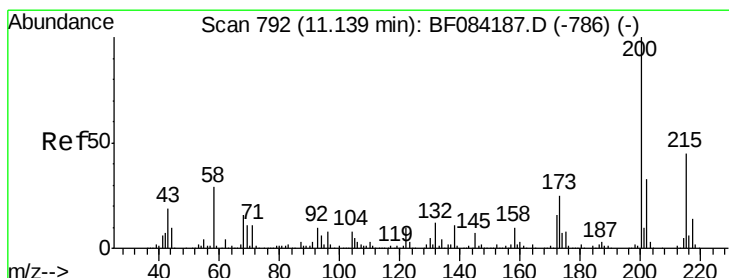
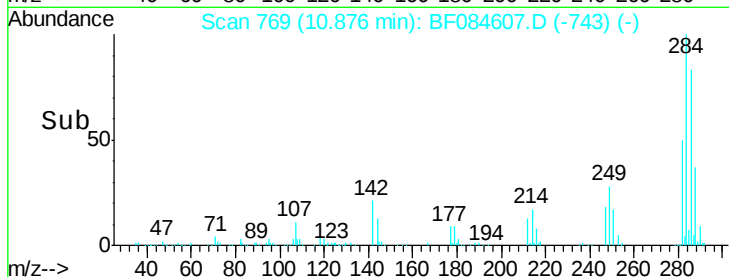
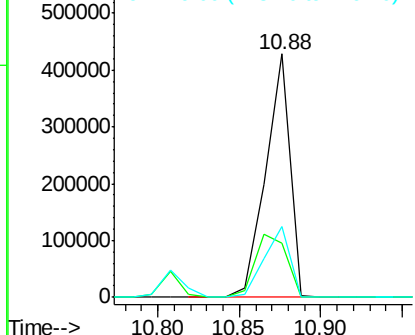
#67
Hexachlorobenzene
Concen: 55.40 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 444494
Ion Ratio Lower Upper
284 100
142 22.4 22.2 33.4
249 29.2 24.6 37.0

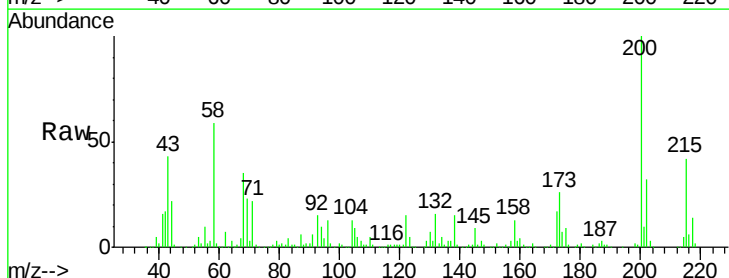


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

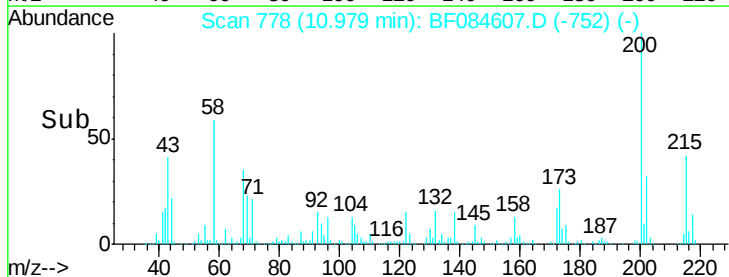
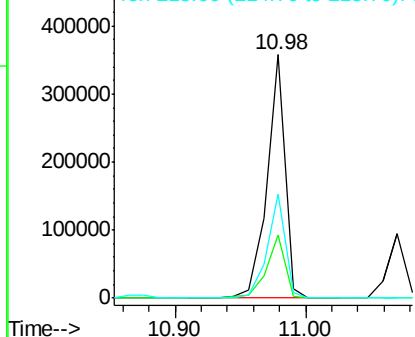


#68
Atrazine
Concen: 49.80 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion:200 Resp: 345124
Ion Ratio Lower Upper
200 100
173 26.1 9.5 49.5
215 42.5 23.8 63.8



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





#69

Pentachlorophenol

Concen: 97.14 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :
BNA_F
ClientSampled :

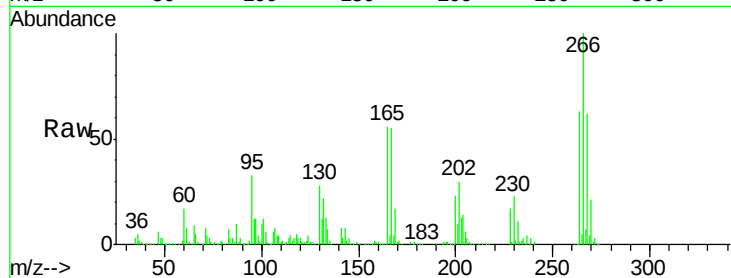
Tot Ion:266 Resp: 404171

Ion Ratio Lower Upper

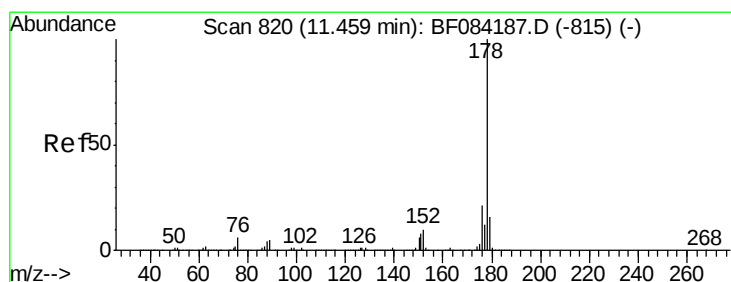
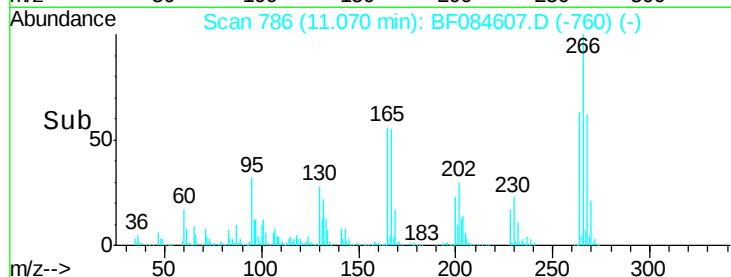
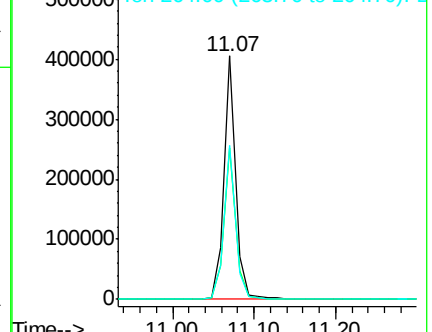
266 100

268 62.5 52.4 78.6

264 63.0 50.2 75.2



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



#70

Phenanthrene

Concen: 56.92 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

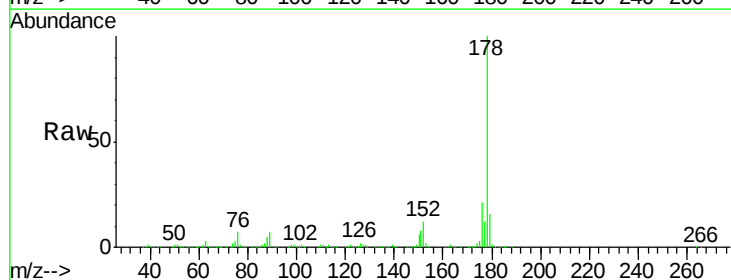
Tgt Ion:178 Resp: 1972229

Ion Ratio Lower Upper

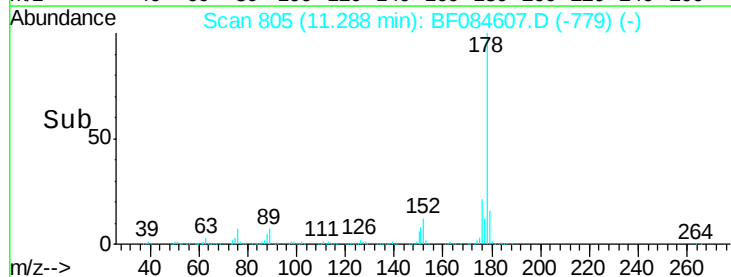
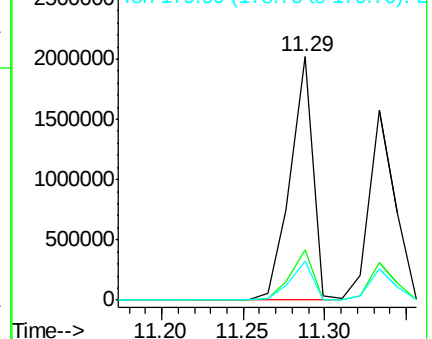
178 100

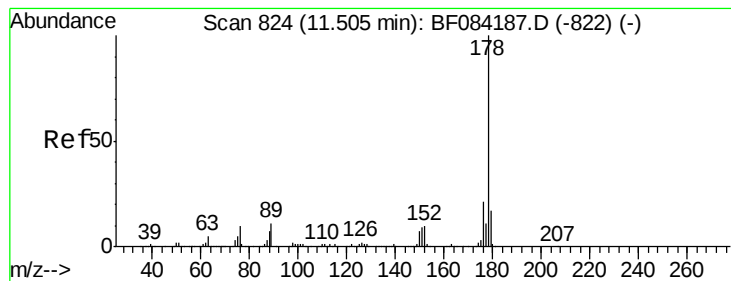
176 20.9 15.3 22.9

179 16.2 12.0 18.0



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





#71

Anthracene

Concen: 50.79 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

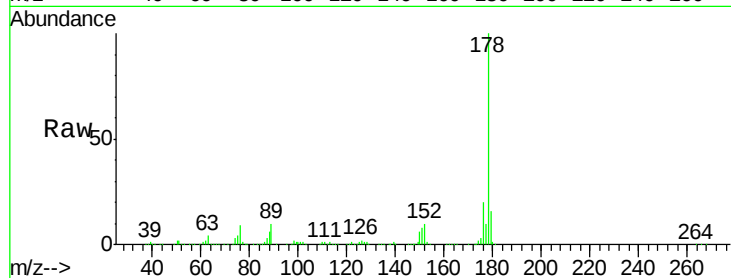
Tot Ion:178 Resp: 1724829

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

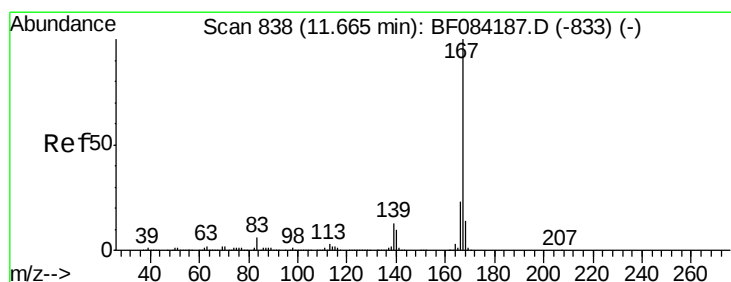
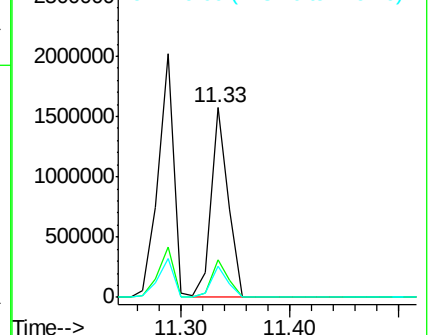
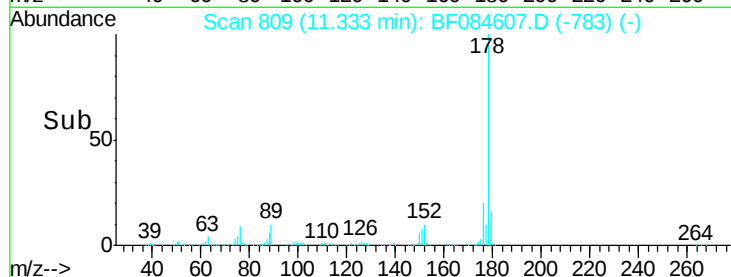
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.78 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

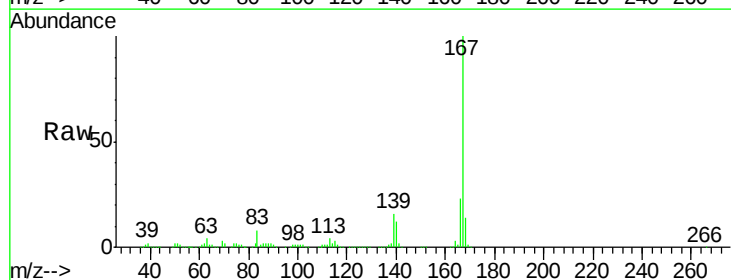
Tgt Ion:167 Resp: 1520161

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

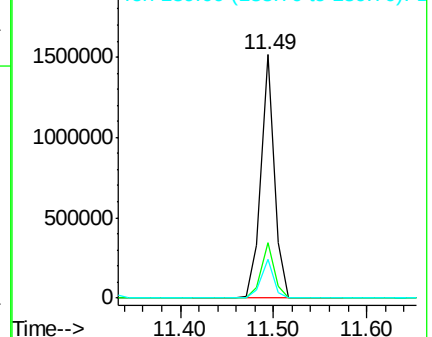
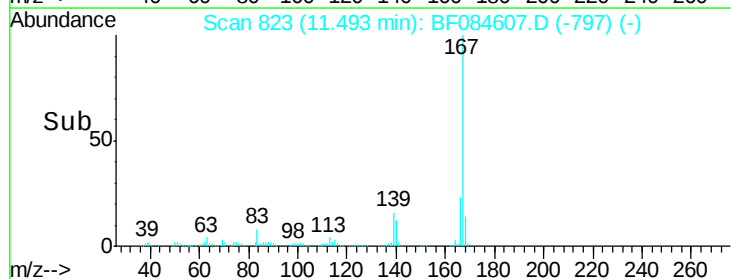
139 15.7 11.8 17.8

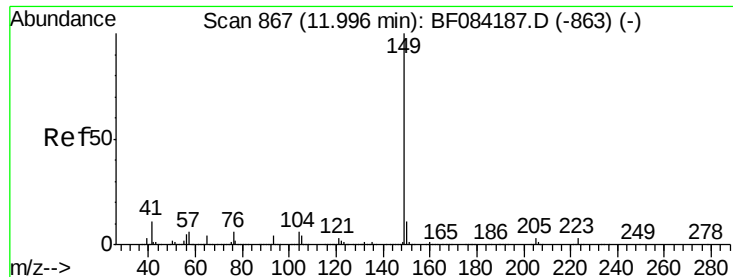


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 68.40 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

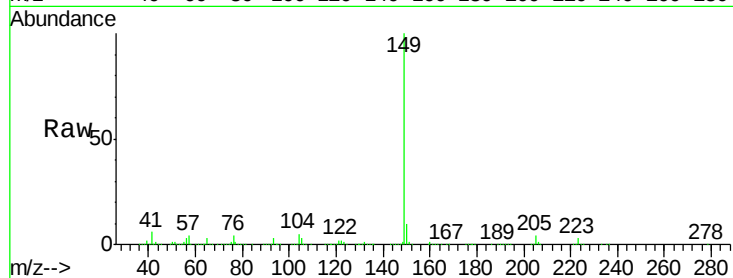
Tot Ion:149 Resp: 2128186

Ion Ratio Lower Upper

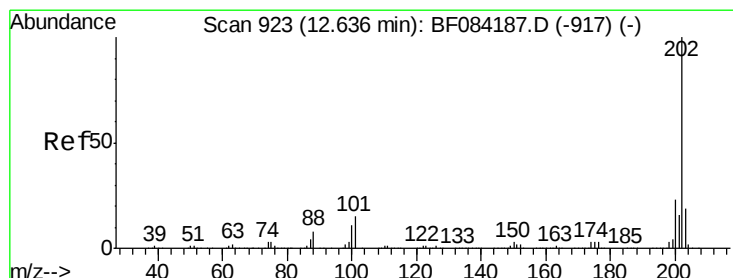
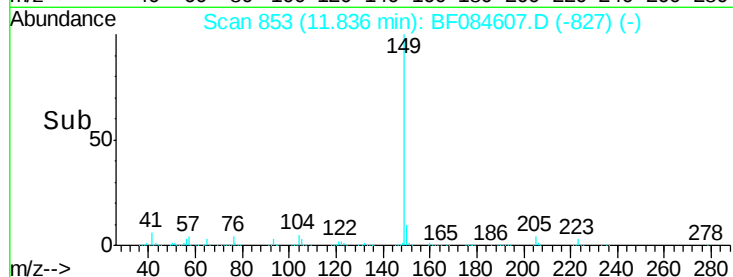
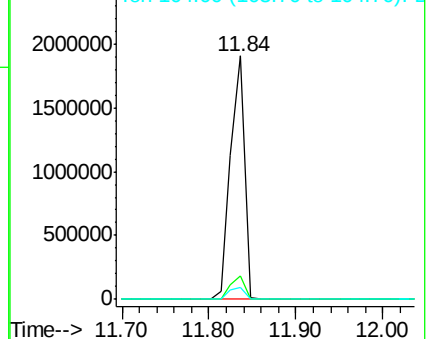
149 100

150 9.5 7.1 10.7

104 4.9 3.2 4.8#



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: 45.99 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

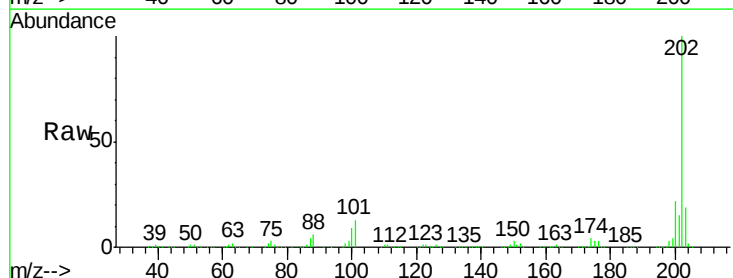
Tgt Ion:202 Resp: 1664662

Ion Ratio Lower Upper

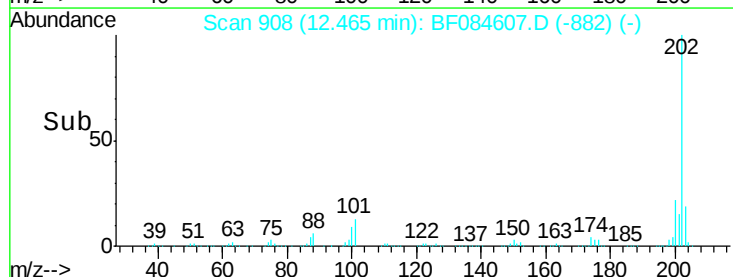
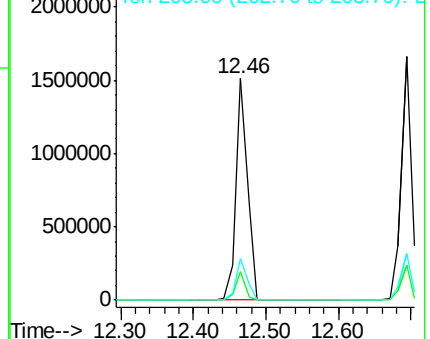
202 100

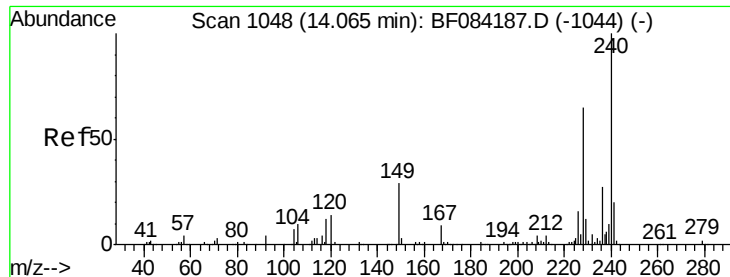
101 12.6 0.0 32.8

203 18.7 0.0 37.9



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: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

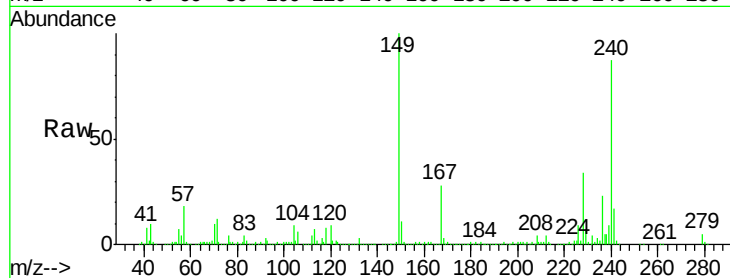
Tot Ion:240 Resp: 500336

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

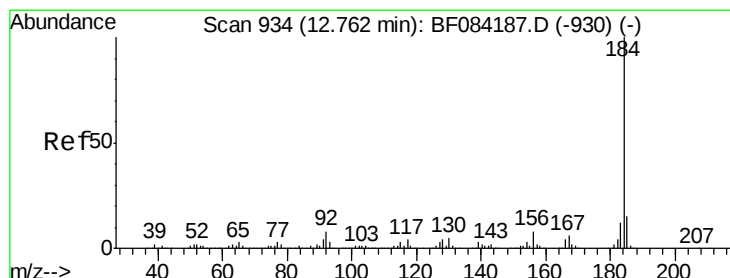
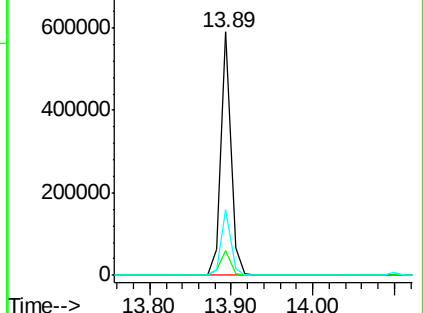
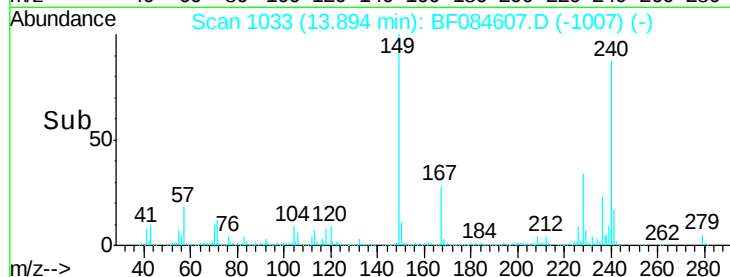
236 27.0 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.09 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

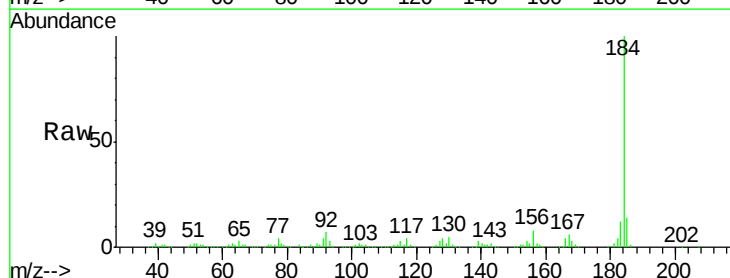
Tgt Ion:184 Resp: 324603

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

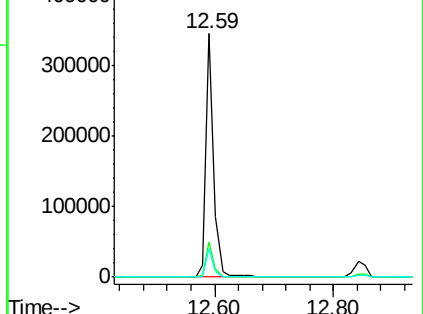
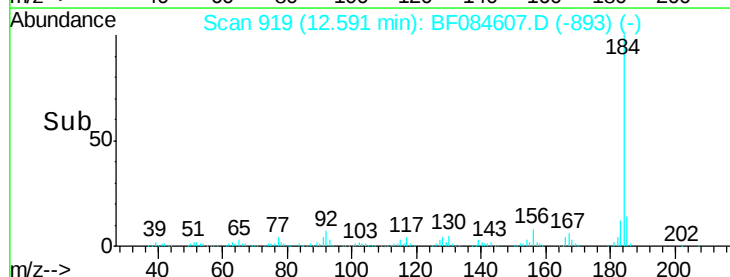
183 11.6 9.8 14.8

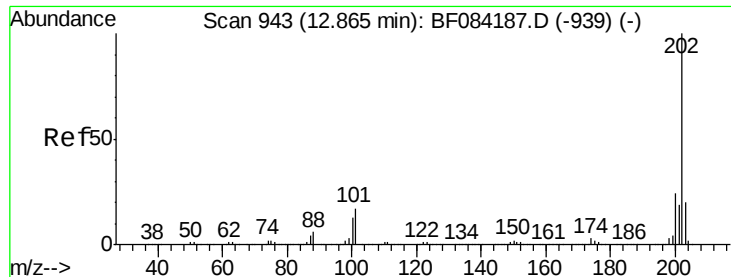


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

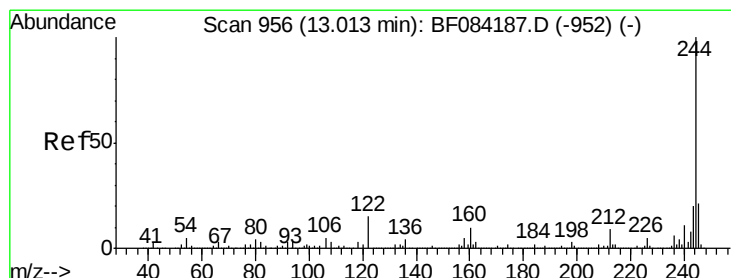
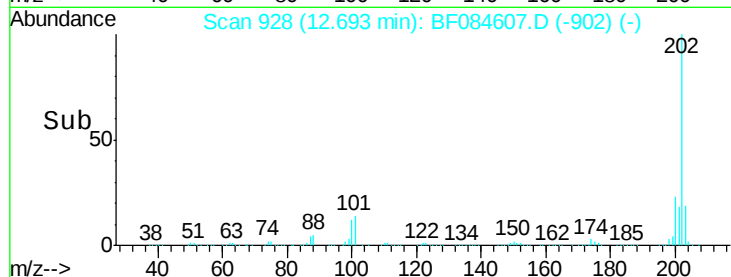
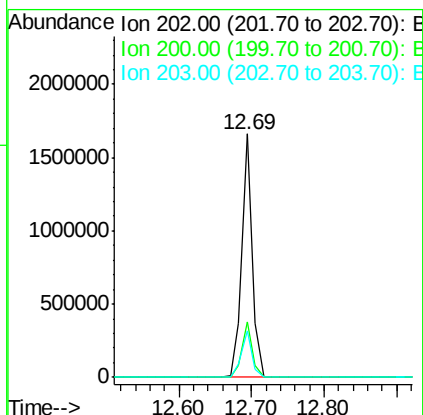
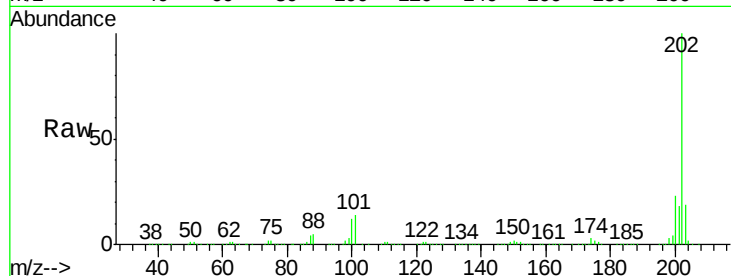




#77
Pvrene
Concen: 42.38 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

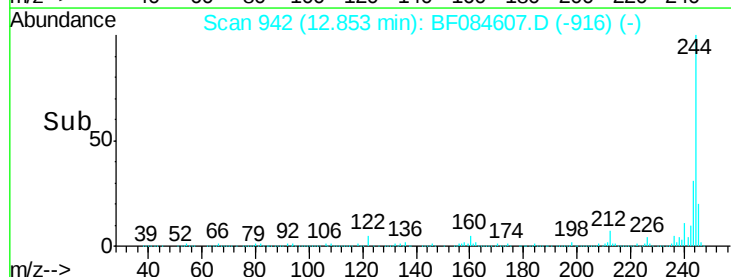
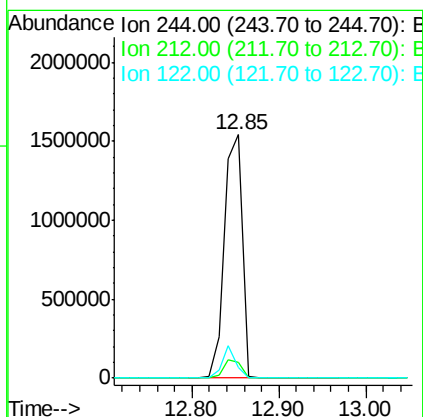
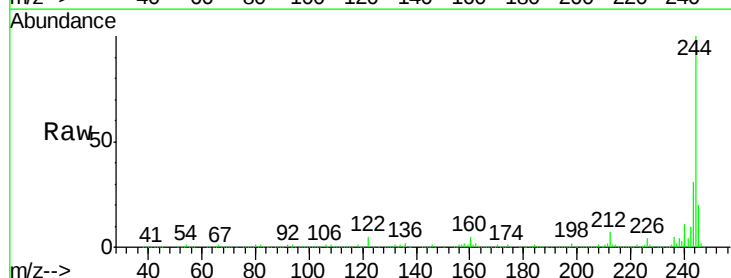
Instrument :
BNA_F
ClientSampleId :

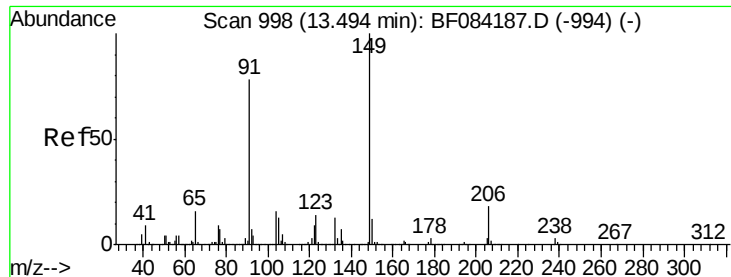
Tot Ion:202 Resp: 1664100
Ion Ratio Lower Upper
202 100
200 22.6 17.2 25.8
203 19.3 14.3 21.5



#78
Terphenyl-d14
Concen: 98.72 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion:244 Resp: 2212887
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 4.5 7.4 11.0#





#79

Butylbenzylphthalate

Concen: 46.33 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

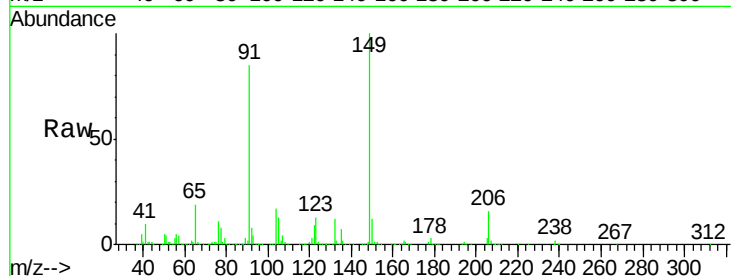
Tot Ion:149 Resp: 787205

Ion Ratio Lower Upper

149 100

91 85.4 57.6 86.4

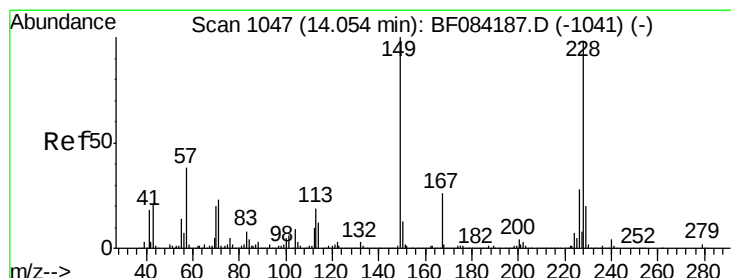
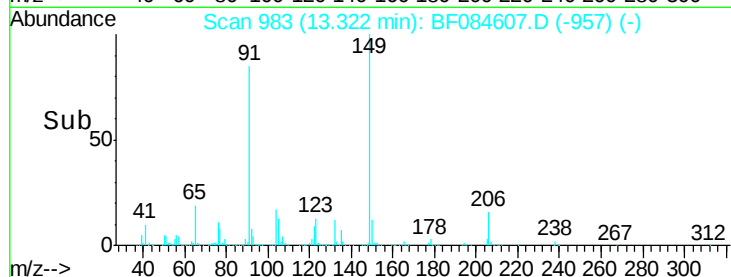
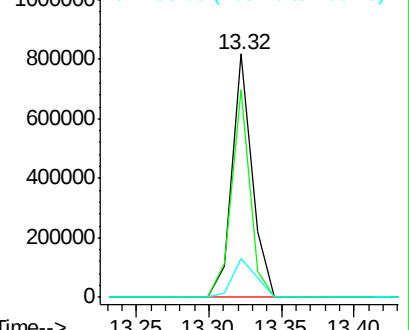
206 16.0 13.2 19.8



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: 51.47 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

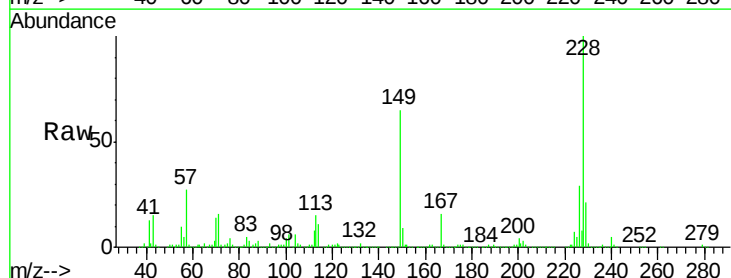
Tgt Ion:228 Resp: 1512040

Ion Ratio Lower Upper

228 100

226 28.5 21.8 32.6

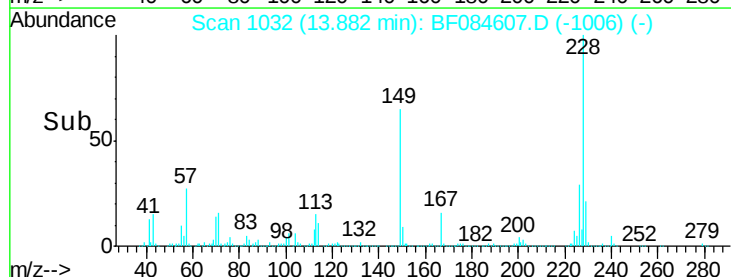
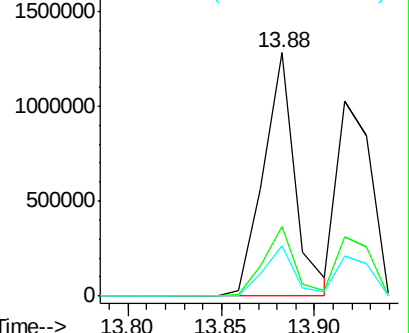
229 20.8 15.8 23.8



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

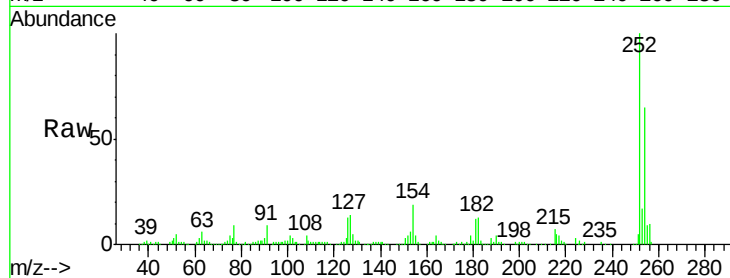




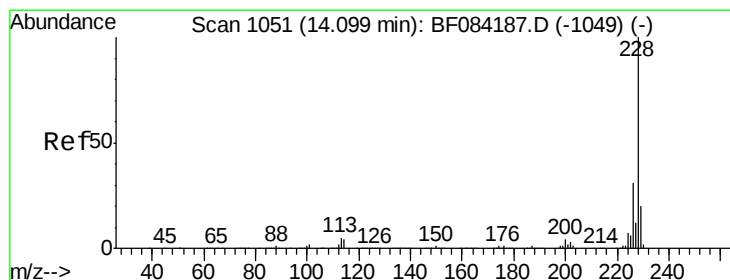
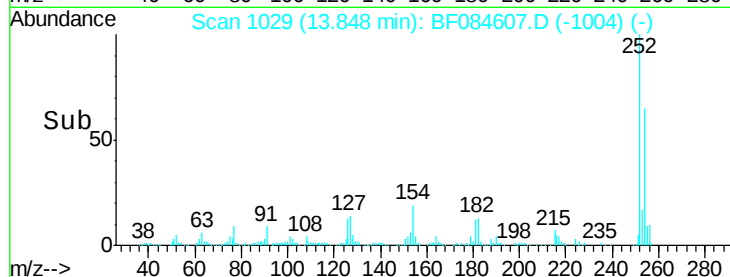
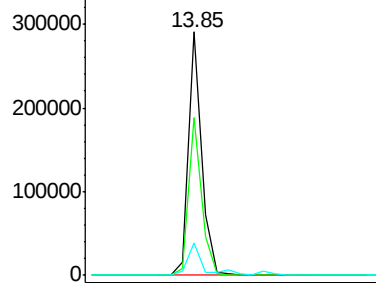
#81
 3,3'-Dichlorobenzidine
 Concen: 25.80 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.5	80.3
126	13.3	4.9	7.3#

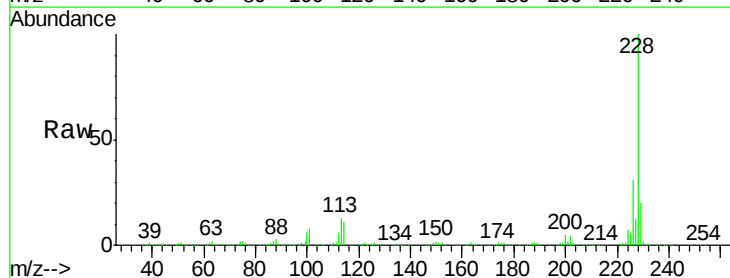


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

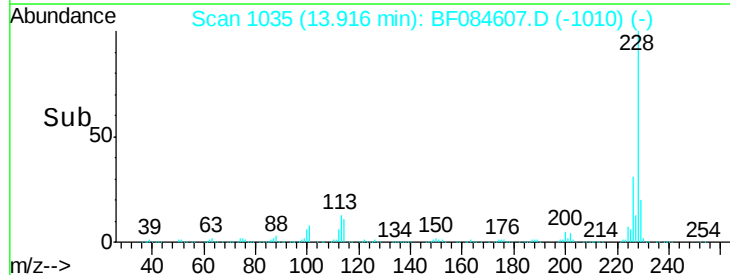
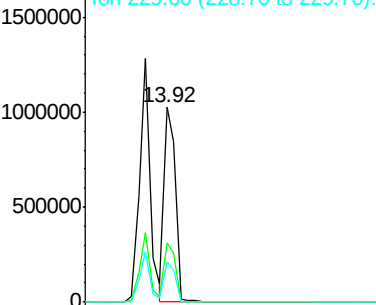


#82
 Chrysene
 Concen: 46.55 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	20.5	16.1	24.1



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

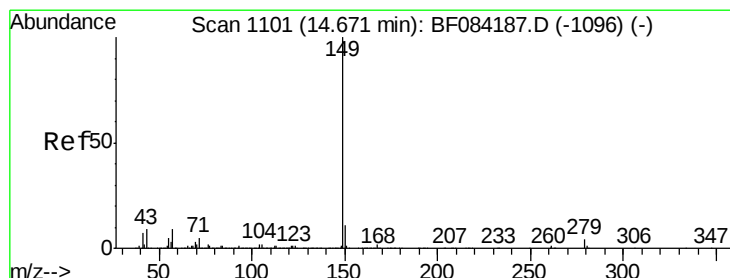
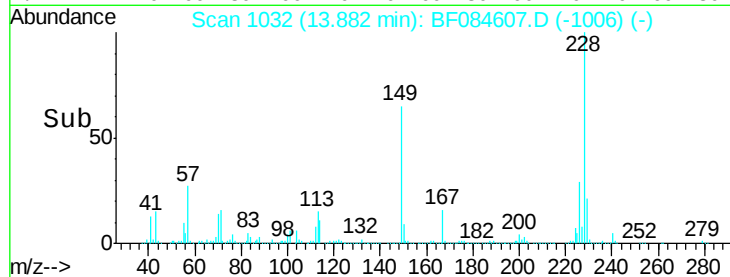
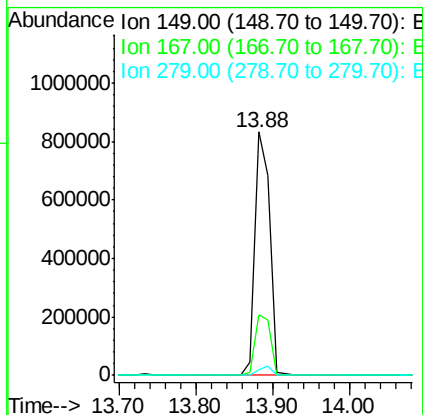
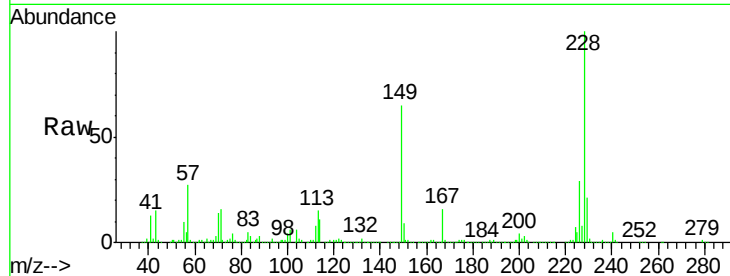




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.66 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

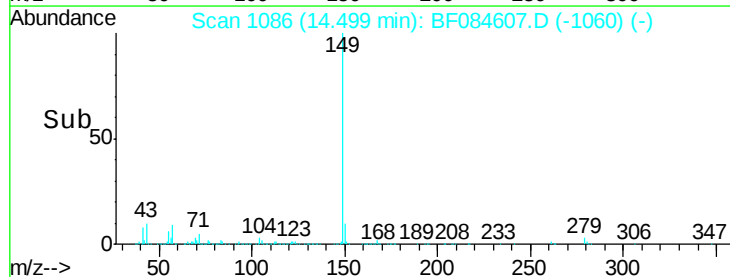
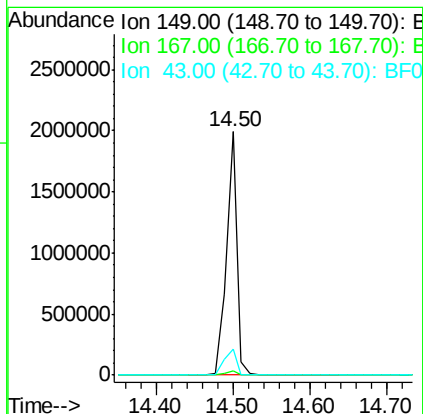
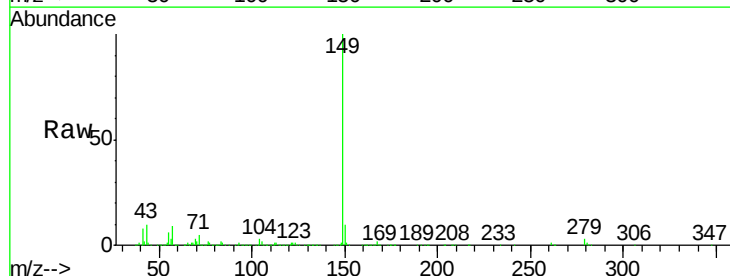
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 1087344
 Ion Ratio Lower Upper
 149 100
 167 24.7 19.7 29.5
 279 2.0 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 52.91 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Tgt Ion:149 Resp: 1917280
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.3 5.6 8.4#

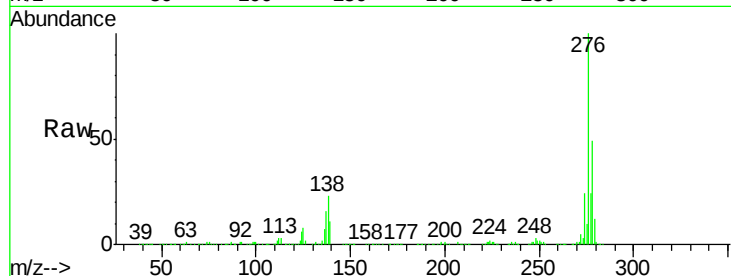




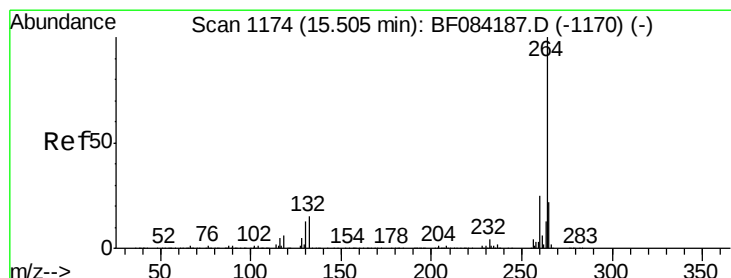
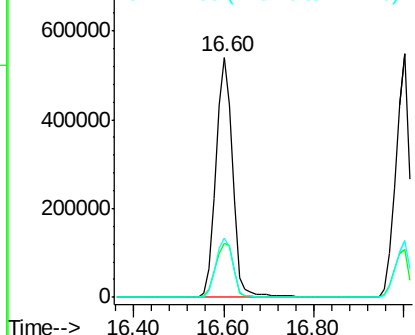
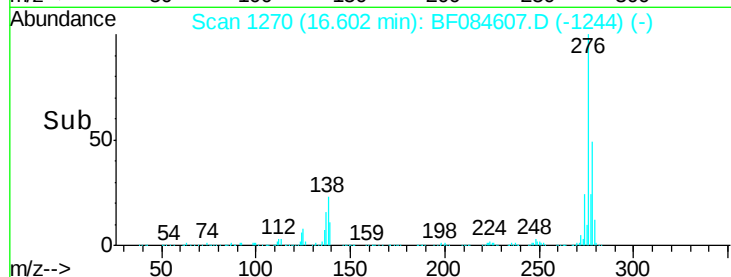
#85
Indeno(1,2,3-cd)pyrene
Concen: 62.60 ng
RT: 16.60 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1400885
Ion Ratio Lower Upper
276 100
138 24.8 20.6 30.8
277 25.4 20.1 30.1

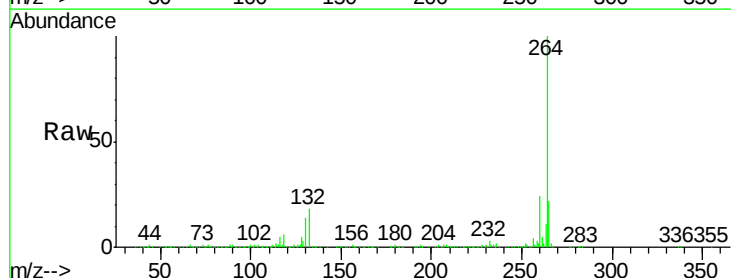


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

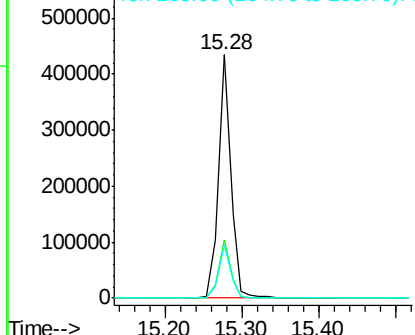
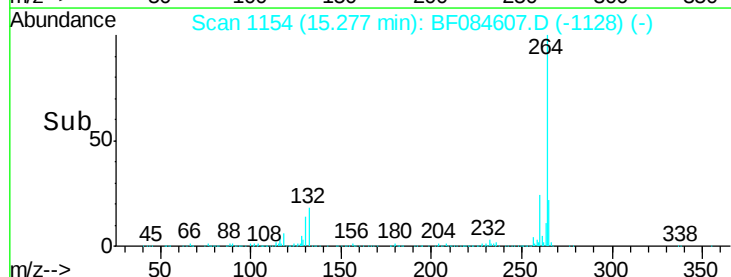


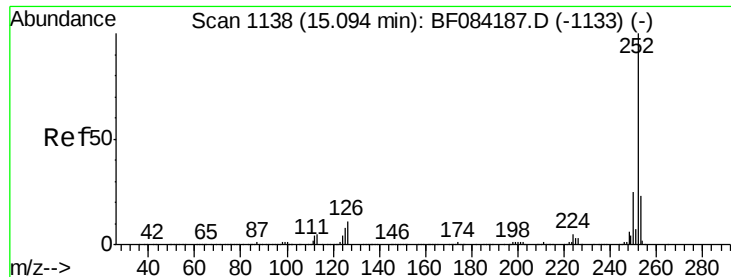
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF084607.D
Acq: 25 Jan 2016 15:13

Tgt Ion:264 Resp: 492079
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.7 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 95.86 ng

RT: 14.92 min Scan# 1123

Delta R.T. 0.02 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

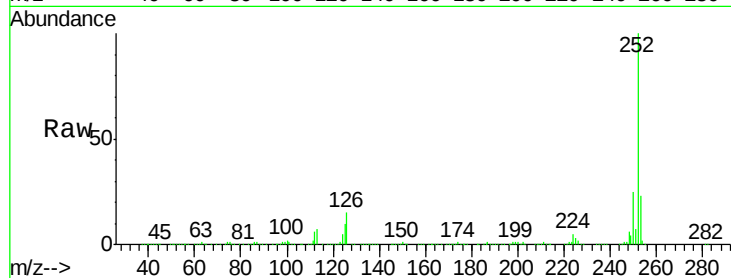
Tot Ion:252 Resp: 3085503

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

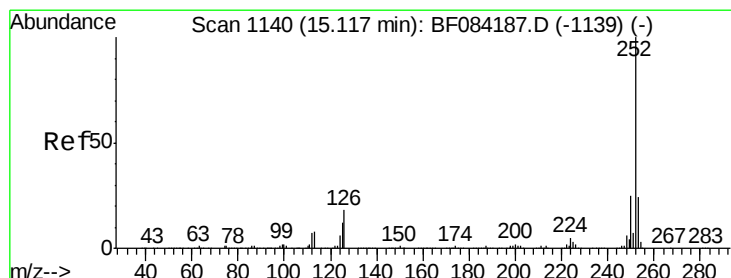
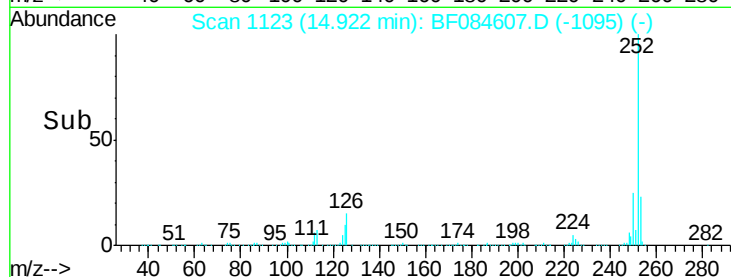
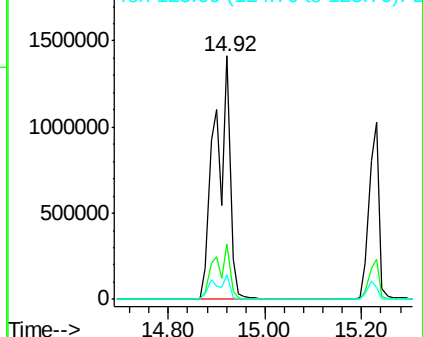
125 10.2 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 117.25 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

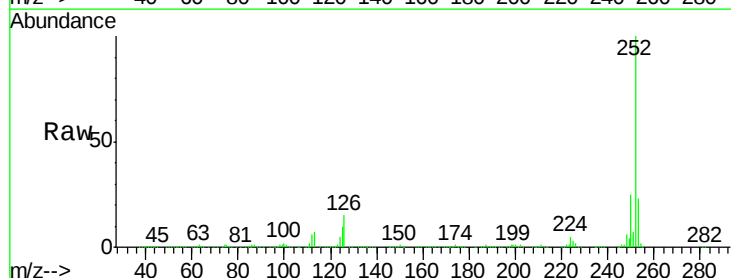
Tgt Ion:252 Resp: 3086829

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

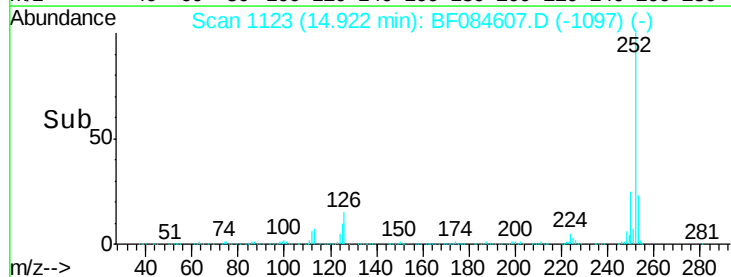
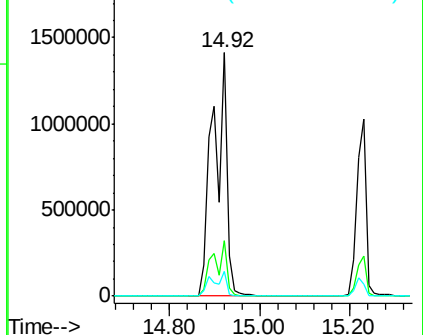
125 10.2 9.0 13.6

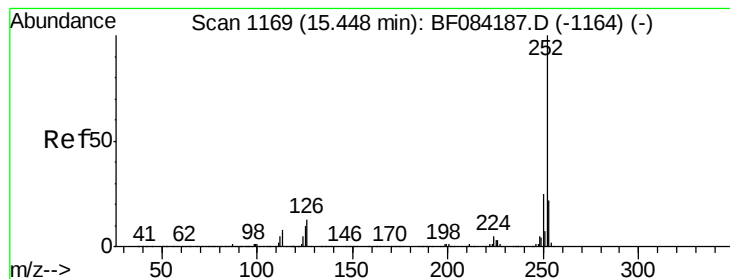


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 54.68 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

Instrument :

BNA_F

ClientSampleId :

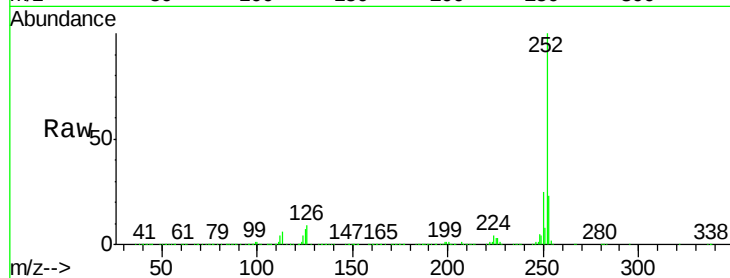
Tot Ion:252 Resp: 1493014

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

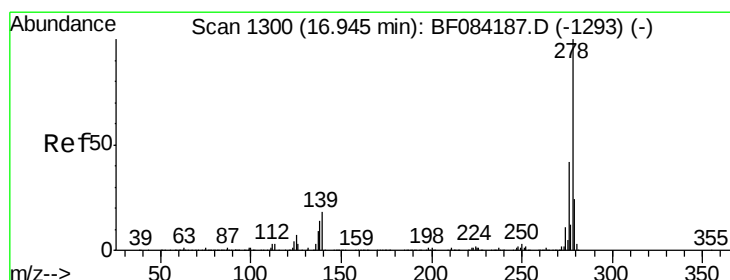
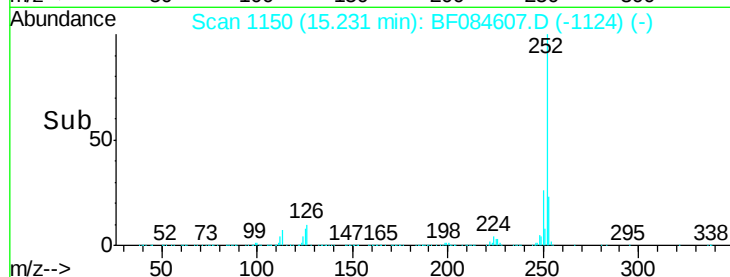
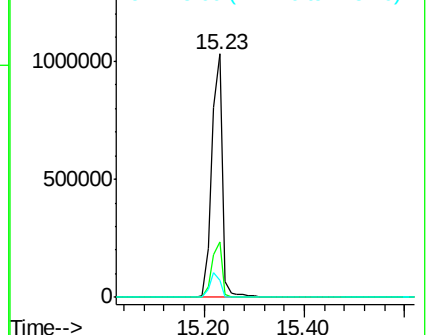
125 7.0 7.0 10.4



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: 49.94 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF084607.D

Acq: 25 Jan 2016 15:13

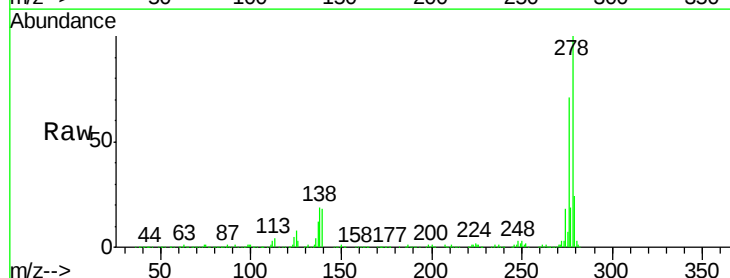
Tgt Ion:278 Resp: 1173305

Ion Ratio Lower Upper

278 100

139 17.5 15.0 22.4

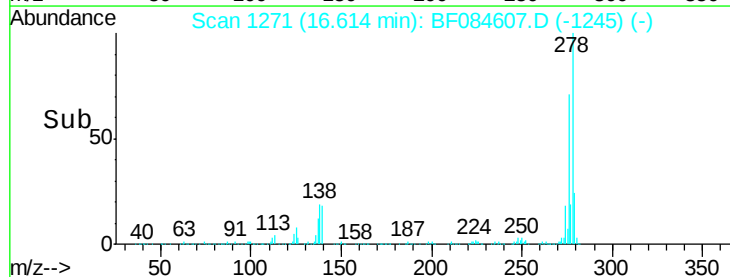
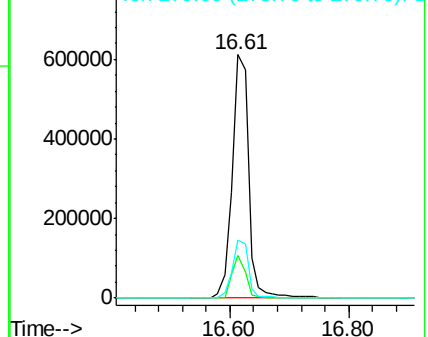
279 24.0 18.9 28.3

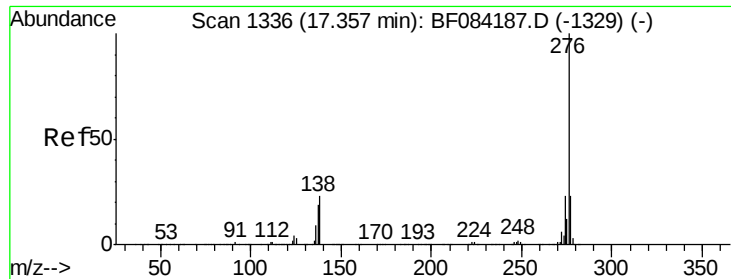


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

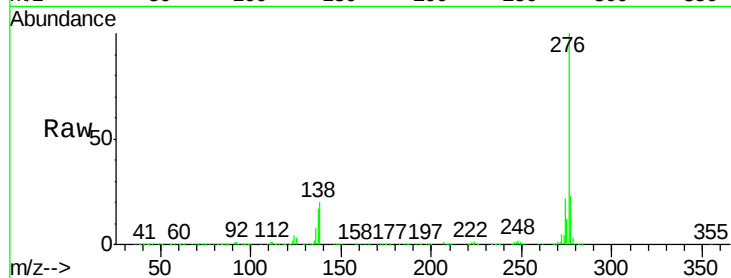




#91
 Benzo(a,h,i)perylene
 Concen: 48.15 ng
 RT: 17.00 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF084607.D
 Acq: 25 Jan 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1171524
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.8 28.2
 138 19.8 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

