

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084271.D
 Acq On : 5 Jan 2016 7:49
 Operator : UM/SJ
 Sample : G4987-02MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 09:45:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	258562	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1072620	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	498143	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	823380	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	526682	20.00	ng	-0.01
86) Perylene-d12	15.49	264	518006	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2101472	131.46	ng	0.04
7) Phenol-d6	6.54	99	2250003	112.07	ng	0.01
23) Nitrobenzene-d5	7.46	82	1675747	86.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	583316	115.99	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2881233	103.10	ng	-0.01
78) Terphenyl-d14	13.00	244	2024234	85.79	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	299083	39.50	ng	# 65
3) Pyridine	3.41	79	662860	31.40	ng	# 75
4) n-Nitrosodimethylamine	3.34	42	473418	43.68	ng	# 81
6) Aniline	6.56	93	250361	8.52	ng	# 1
8) 2-Chlorophenol	6.68	128	806748	44.48	ng	# 85
9) Benzaldehyde	6.44	77	270701	20.71	ng	# 96
10) Phenol	6.56	94	833019	36.49	ng	# 96
11) bis(2-Chloroethyl)ether	6.64	93	859182	48.59	ng	# 87
12) 1,3-Dichlorobenzene	7.07	146	768634	41.08	ng	# 97
13) 1,4-Dichlorobenzene	6.91	146	875930	46.69	ng	# 96
14) 1,2-Dichlorobenzene	7.07	146	768698	42.78	ng	# 94
15) Benzyl Alcohol	7.05	79	751952	44.52	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1343271	41.72	ng	# 91
17) 2-Methylphenol	7.16	107	677740	44.59	ng	# 93
18) Hexachloroethane	7.40	117	331659	44.21	ng	# 93
19) n-Nitroso-di-n-propylamine	7.31	70	580326	42.70	ng	# 68
20) 3+4-Methylphenols	7.31	107	800434	44.80	ng	# 48
22) Acetophenone	7.31	105	1185583	45.97	ng	# 92
24) Nitrobenzene	7.48	77	990180	50.66	ng	# 97
25) Isophorone	7.72	82	1645575	44.64	ng	# 100
26) 2-Nitrophenol	7.79	139	431017	48.45	ng	# 76
27) 2,4-Dimethylphenol	7.85	122	797870	44.31	ng	# 88
28) bis(2-Chloroethoxy)methane	7.93	93	990684	44.00	ng	# 99
29) 2,4-Dichlorophenol	8.04	162	686437	45.76	ng	# 98
30) 1,2,4-Trichlorobenzene	8.12	180	762389	49.23	ng	# 96
31) Naphthalene	8.20	128	2470501	50.77	ng	# 98
32) Benzoic acid	7.95	122	314235	29.84	ng	# 93
33) 4-Chloroaniline	8.25	127	139105	6.24	ng	# 97
34) Hexachlorobutadiene	8.32	225	403068	45.28	ng	# 98
35) Caprolactam	8.64	113	157942	31.23	ng	# 70
36) 4-Chloro-3-methylphenol	8.75	107	805581	47.95	ng	# 100
37) 2-Methylnaphthalene	8.90	142	1635055	46.80	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	677493	47.31	ng	# 97
40) Hexachlorocyclopentadiene	9.05	237	660441	76.40	ng	# 98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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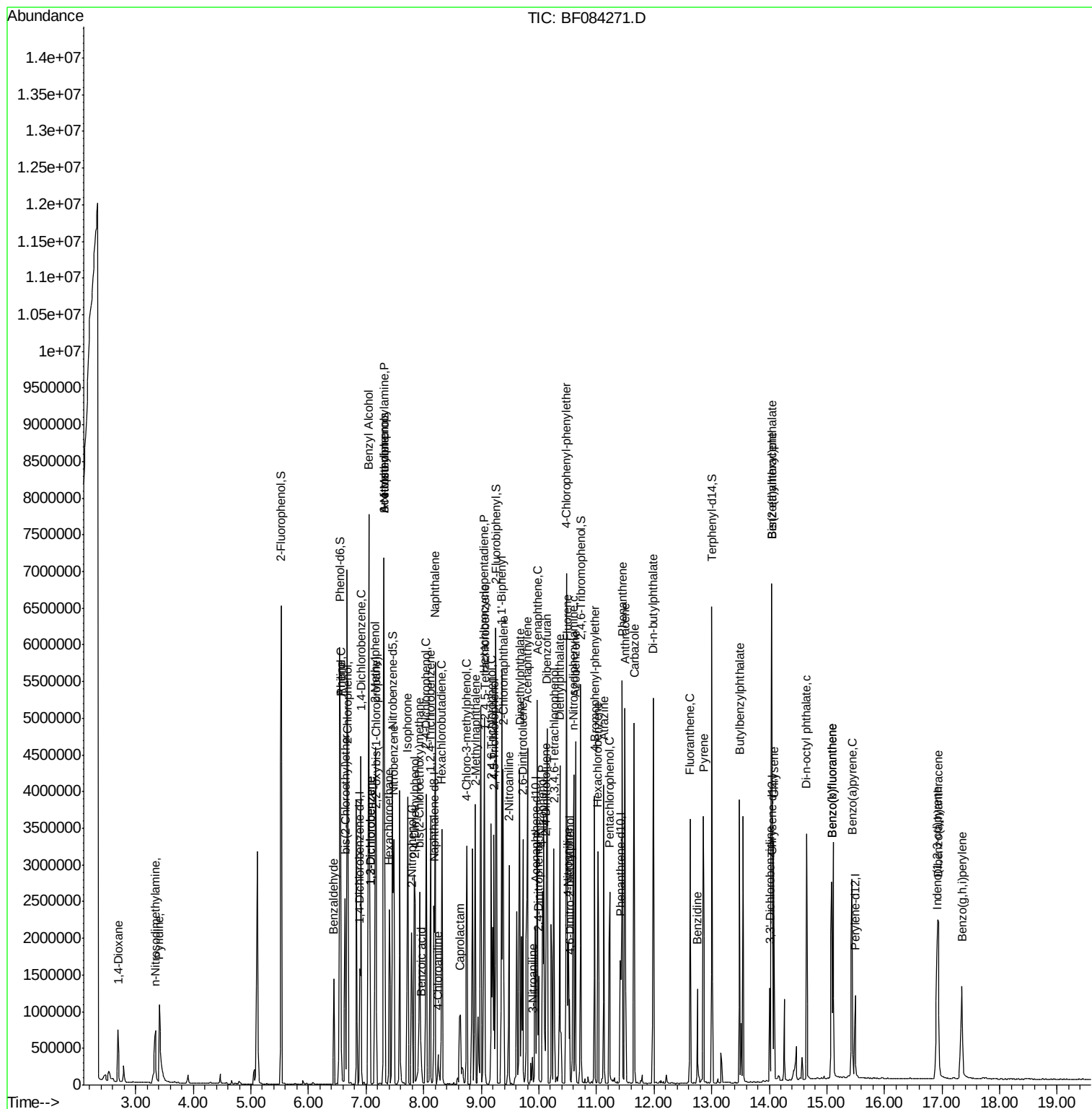
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	451756	42.16	nq	97
43) 2,4,5-Trichlorophenol	9.22	196	449494	43.76	nq #	86
45) 1,1'-Biphenyl	9.36	154	1734164	43.80	nq	99
46) 2-Chloronaphthalene	9.38	162	1386844	44.60	nq	97
47) 2-Nitroaniline	9.48	65	503083	49.01	nq	95
48) Acenaphthylene	9.80	152	2263624	49.27	nq	96
49) Dimethylphthalate	9.66	163	1672487	46.96	nq #	89
50) 2,6-Dinitrotoluene	9.72	165	346685	44.39	nq #	49
51) Acenaphthene	9.97	154	1627488	52.81	nq	98
52) 3-Nitroaniline	9.89	138	88921	9.19	nq #	73
53) 2,4-Dinitrophenol	10.00	184	200535	61.15	nq	95
54) Dibenzofuran	10.14	168	2057578	52.01	nq	93
55) 4-Nitrophenol	10.06	139	453366	64.53	nq #	73
56) 2,4-Dinitrotoluene	10.12	165	461242	46.66	nq #	80
57) Fluorene	10.49	166	1590156	51.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	360585	41.12	nq	93
59) Diethylphthalate	10.36	149	1585819	45.16	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	669212	52.75	nq	93
61) 4-Nitroaniline	10.51	138	365909	42.41	nq	92
62) Azobenzene	10.64	77	1809949	47.00	nq	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	176899	35.28	nq	94
65) n-Nitrosodiphenylamine	10.60	169	1386169	52.65	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	468074	52.82	nq #	88
67) Hexachlorobenzene	11.02	284	480571	48.18	nq #	75
68) Atrazine	11.13	200	402961	46.77	nq	98
69) Pentachlorophenol	11.23	266	387794	74.98	nq	99
70) Phenanthrene	11.45	178	2273876	52.80	nq	97
71) Anthracene	11.49	178	1964419	46.53	nq	97
72) Carbazole	11.65	167	1744562	42.27	nq	97
73) Di-n-butylphthalate	11.99	149	2254760	54.02	nq #	95
74) Fluoranthene	12.63	202	1932056	42.94	nq	97
76) Benzidine	12.75	184	461652	24.45	nq	98
77) Pyrene	12.85	202	1810612	43.81	nq	98
79) Butylbenzylphthalate	13.48	149	847038	47.36	nq	98
80) Benzo(a)anthracene	14.04	228	1343558	43.45	nq	98
81) 3,3'-Dichlorobenzidine	14.01	252	238109	22.06	nq #	96
82) Chrysene	14.08	228	1237207	41.63	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	944266	41.79	nq #	95
84) Di-n-octyl phthalate	14.65	149	1536904	40.29	nq #	87
85) Indeno(1,2,3-cd)pyrene	16.91	276	1512694	64.22	nq	99
87) Benzo(b)fluoranthene	15.08	252	1572042	46.39	nq	99
88) Benzo(k)fluoranthene	15.08	252	1572042	56.73	nq #	97
89) Benzo(a)pyrene	15.44	252	1441325	50.15	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	1226048	49.57	nq	97
91) Benzo(g,h,i)perylene	17.35	276	1195746	46.69	nq	97

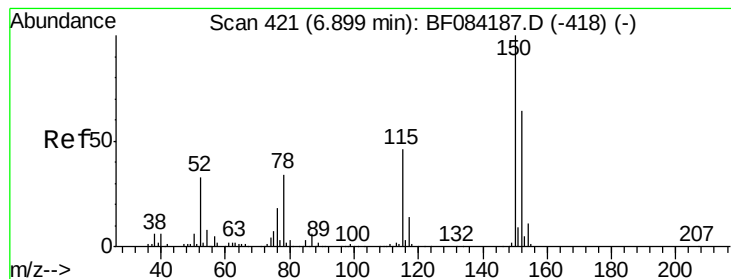
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampled :

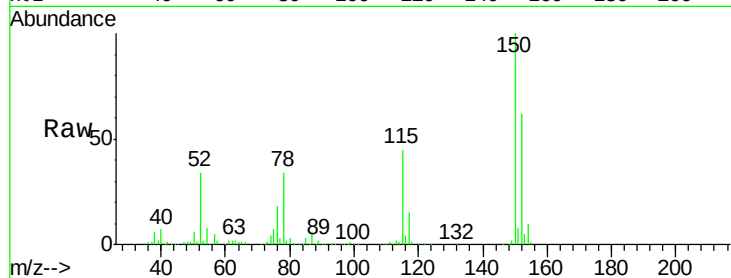
Tot Ion:152 Resp: 258562

Ion Ratio Lower Upper

152 100

150 160.0 123.0 184.4

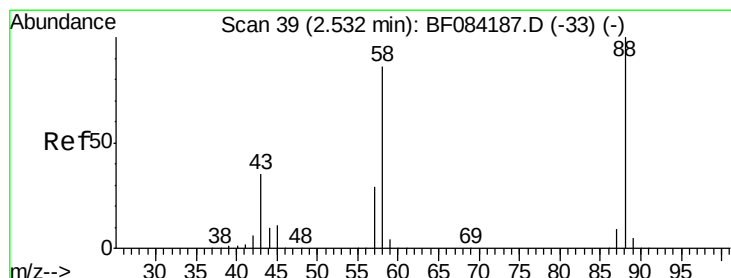
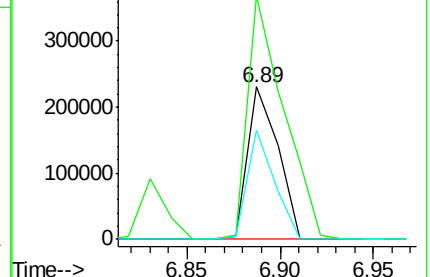
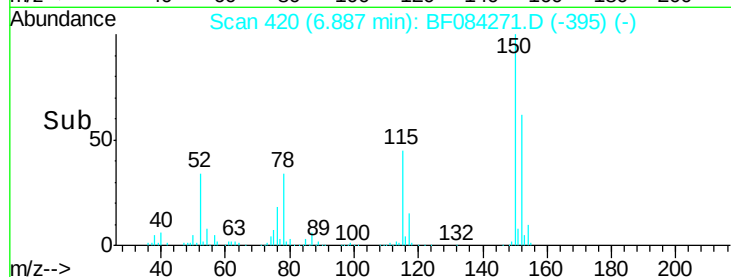
115 72.1 51.4 77.2



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: 39.50 ng

RT: 2.69 min Scan# 53

Delta R.T. 0.16 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

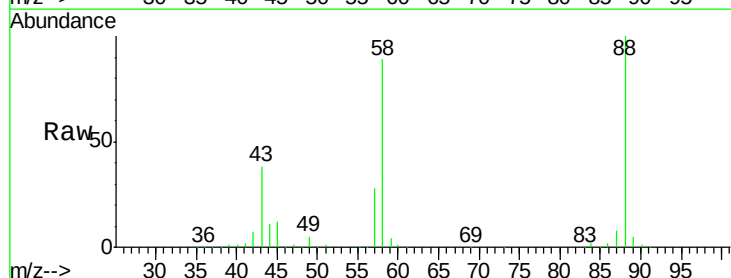
Tgt Ion: 88 Resp: 299083

Ion Ratio Lower Upper

88 100

58 87.7 51.2 76.8#

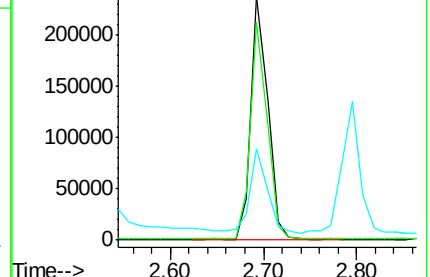
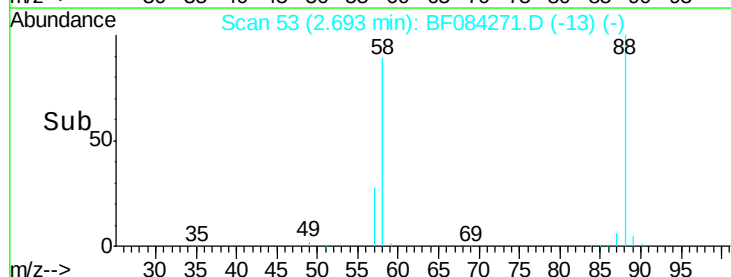
43 0.0 19.5 29.3#

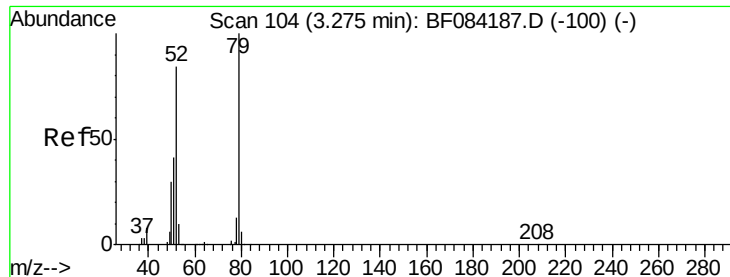


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.40 ng

RT: 3.41 min Scan# 116

Delta R.T. 0.14 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

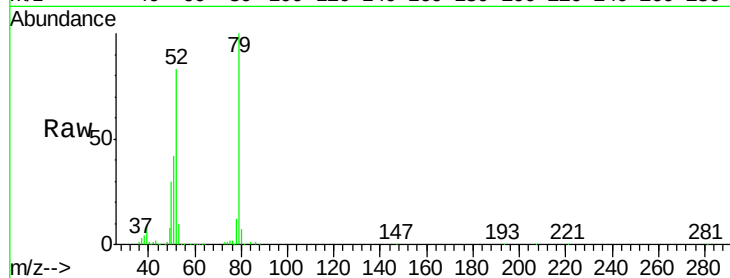
Tot Ion: 79 Resp: 662860

Ion Ratio Lower Upper

79 100

52 83.3 49.0 73.4#

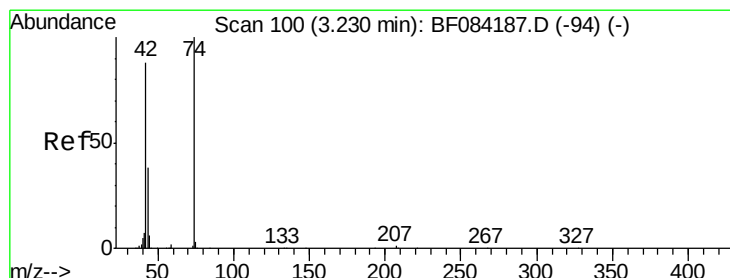
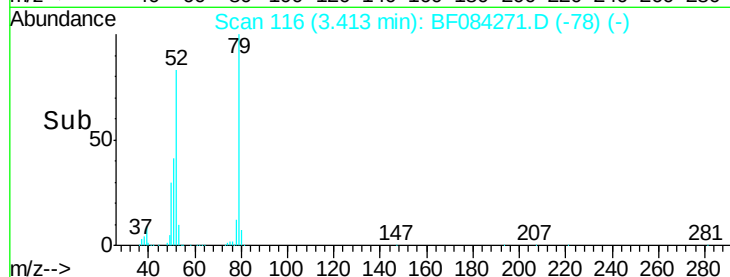
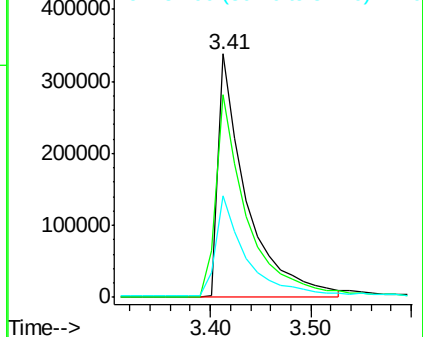
51 41.6 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.68 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.11 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

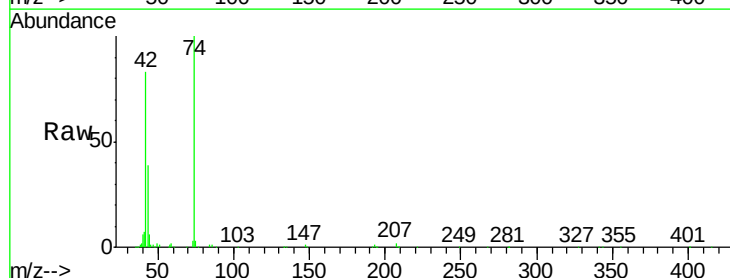
Tgt Ion: 42 Resp: 473418

Ion Ratio Lower Upper

42 100

74 120.5 115.7 173.5

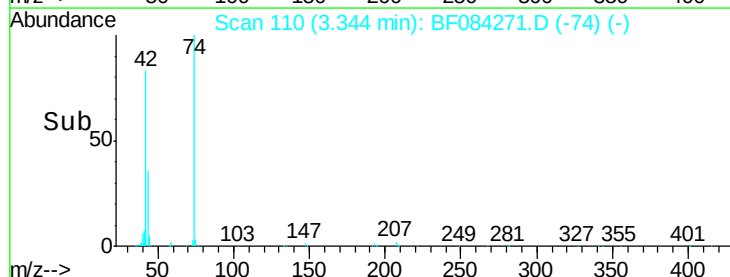
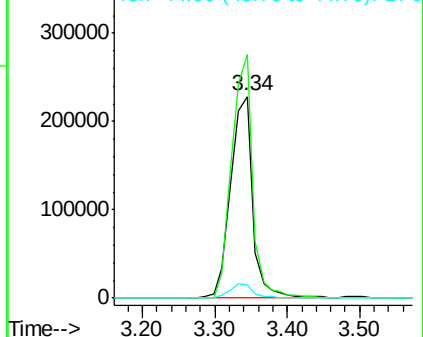
44 6.8 5.1 7.7

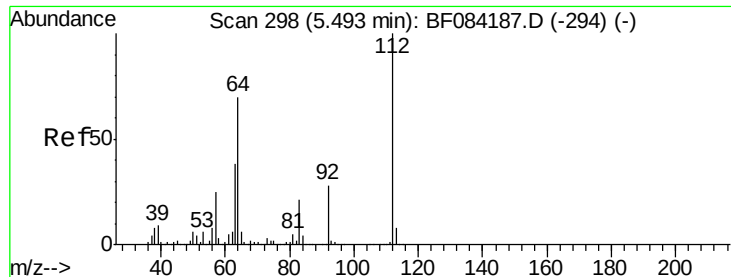


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.46 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.04 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampled :

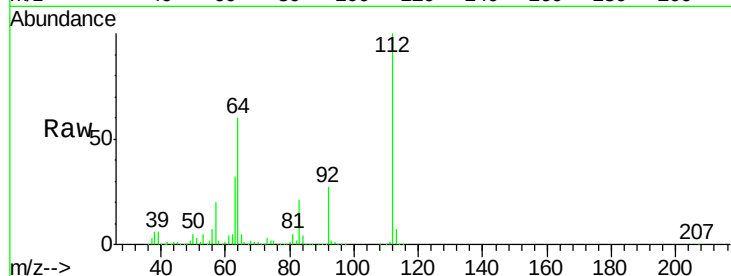
Tot Ion:112 Resp: 2101472

Ion Ratio Lower Upper

112 100

64 60.3 36.6 55.0#

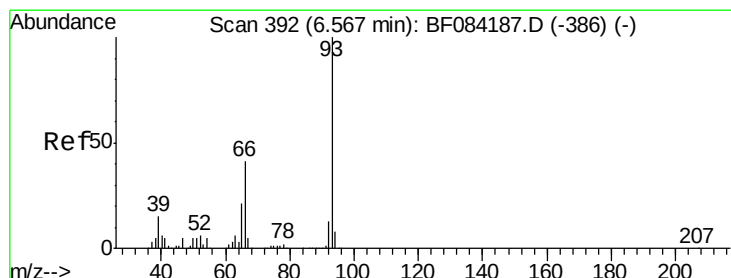
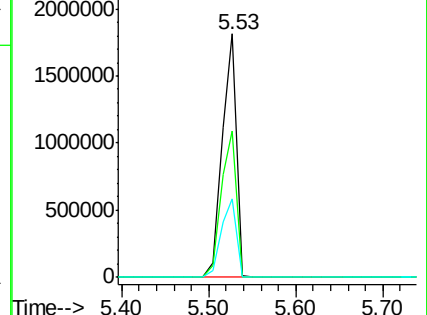
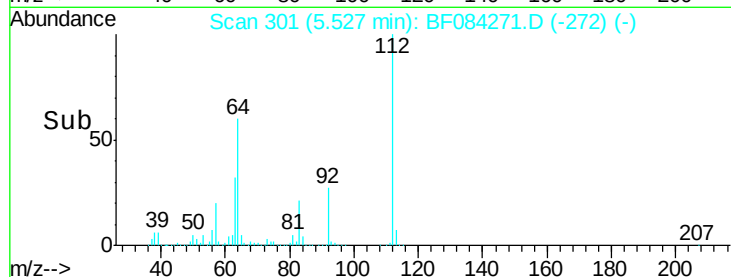
63 32.2 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.52 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

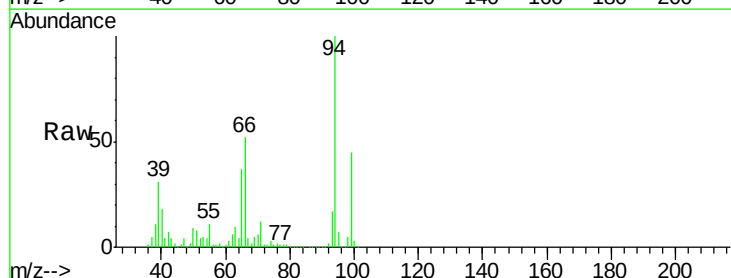
Tgt Ion: 93 Resp: 250361

Ion Ratio Lower Upper

93 100

66 305.8 44.9 67.3#

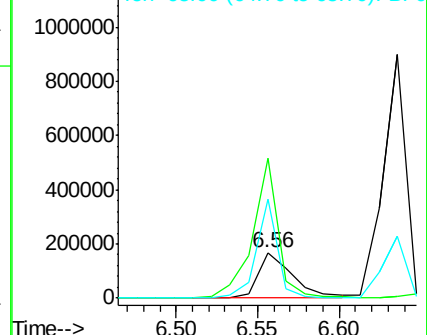
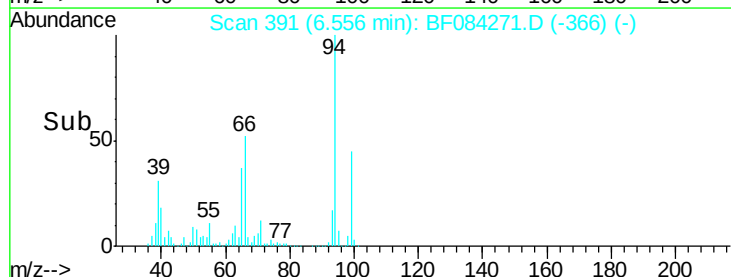
65 218.4 23.7 35.5#

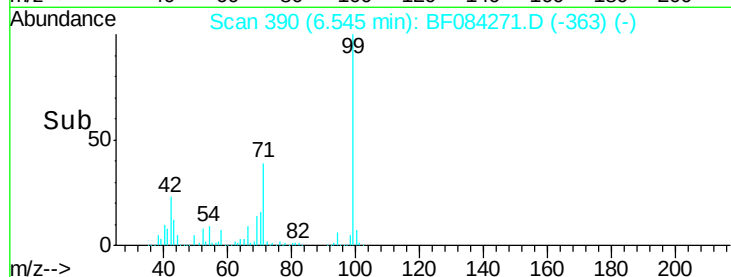
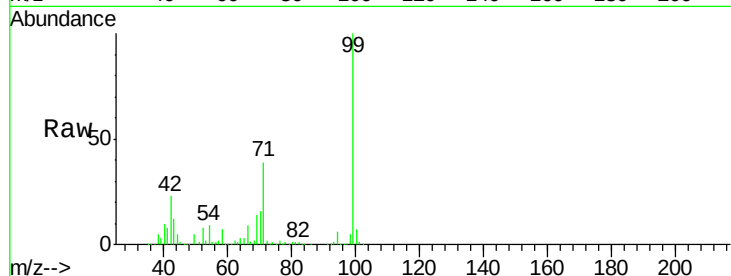
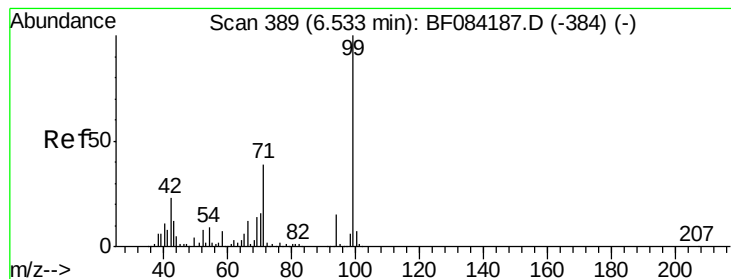


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.07 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

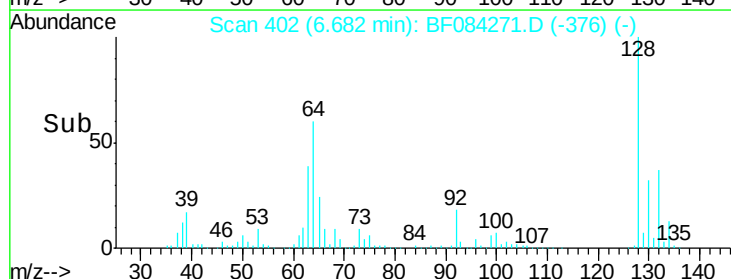
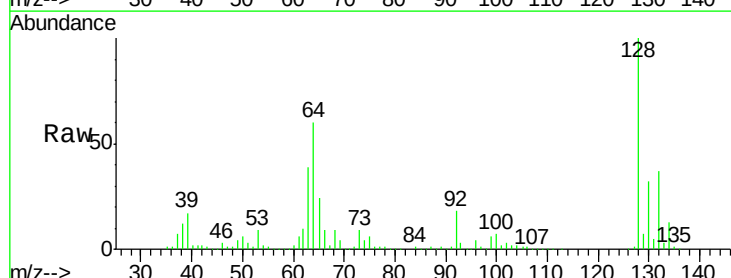
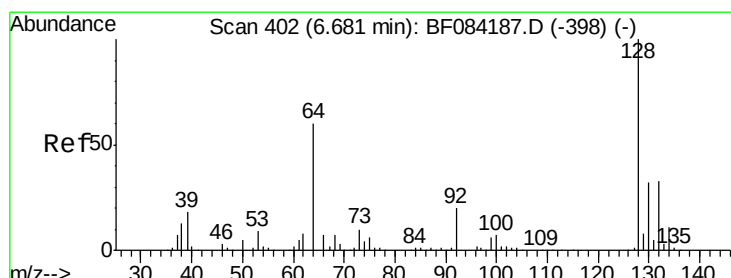
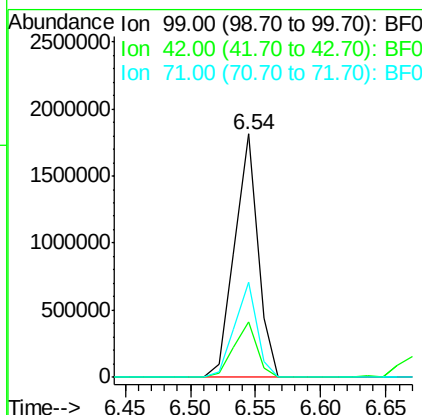
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2250003

Ion	Ratio	Lower	Upper
99	100		
42	22.8	12.8	19.2#
71	39.1	30.9	46.3



#8

2-Chlorophenol

Concen: 44.48 ng

RT: 6.68 min Scan# 402

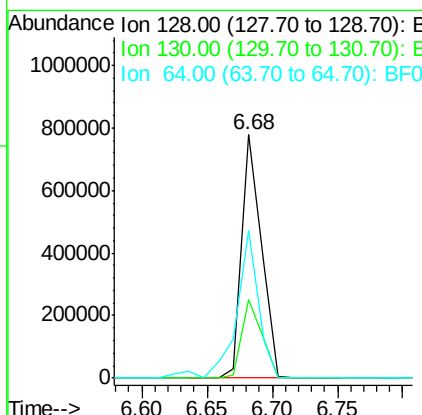
Delta R.T. 0.00 min

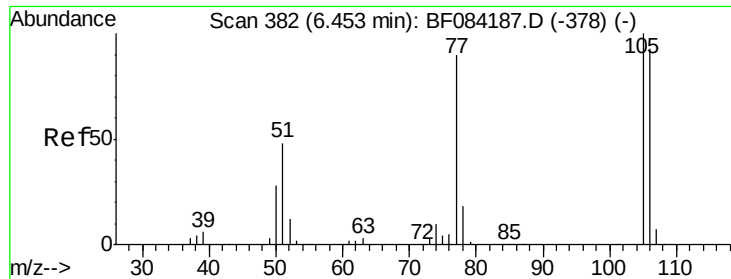
Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Tgt Ion: 128 Resp: 806748

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.6	51.6
64	60.4	23.8	63.8





#9

Benzaldehyde

Concen: 20.71 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampled :

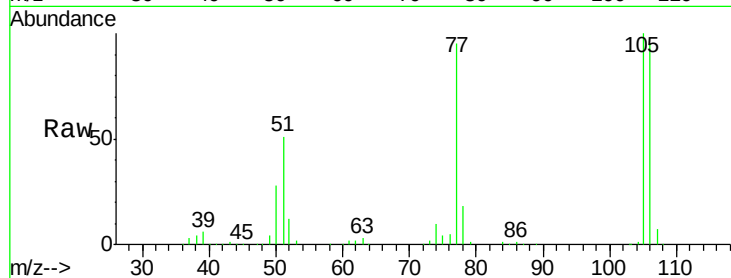
Tot Ion: 77 Resp: 270701

Ion Ratio Lower Upper

77 100

105 105.3 83.0 123.0

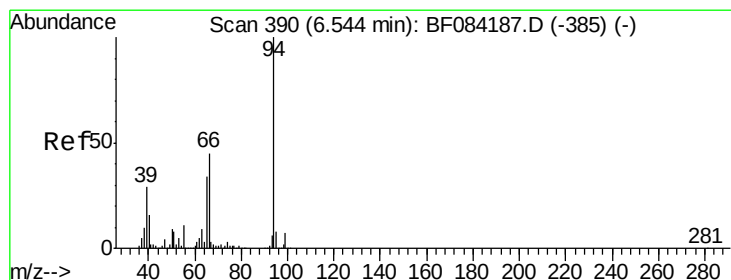
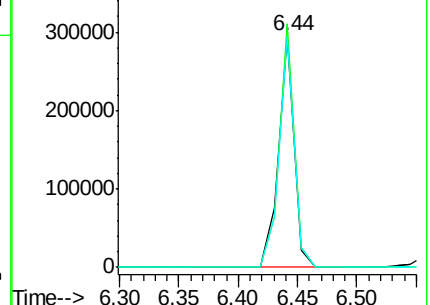
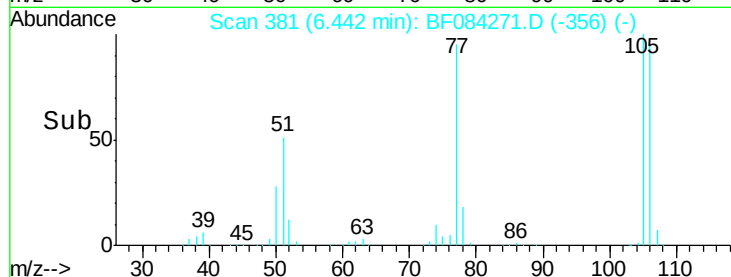
106 100.0 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.49 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

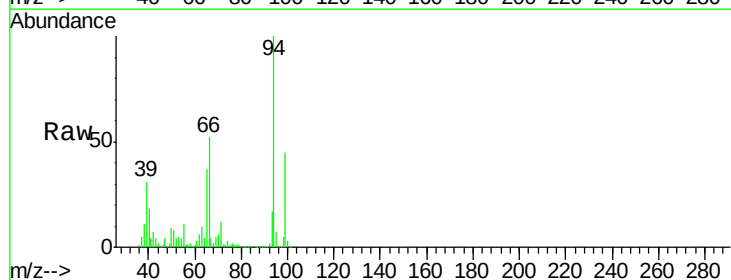
Tgt Ion: 94 Resp: 833019

Ion Ratio Lower Upper

94 100

65 37.0 12.9 52.9

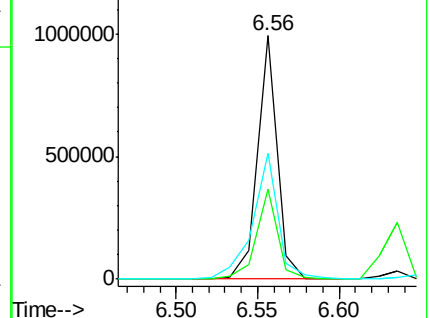
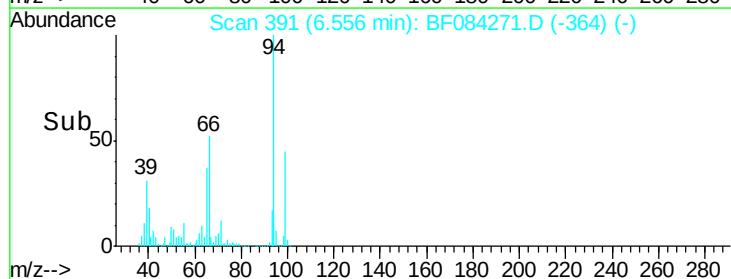
66 51.8 32.7 72.7

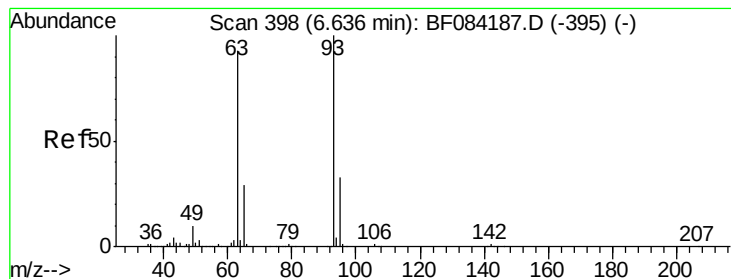


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 48.59 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

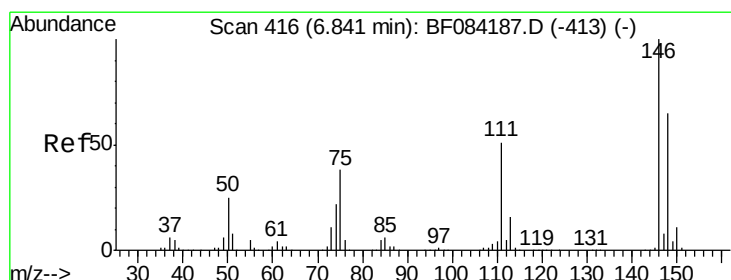
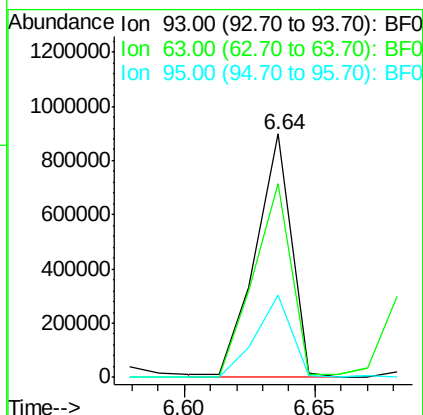
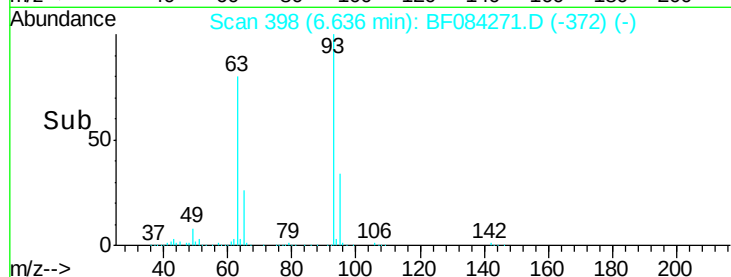
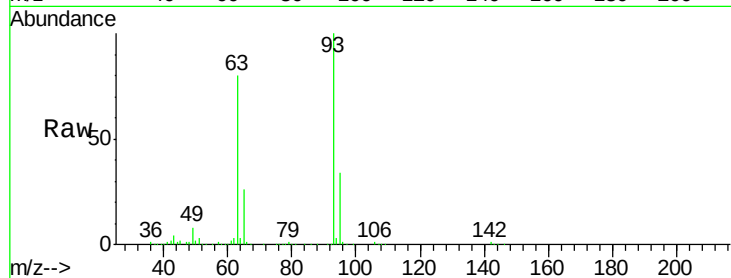
Tot Ion: 93 Resp: 859182

Ion Ratio Lower Upper

93 100

63 79.8 45.9 85.9

95 33.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.08 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.23 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

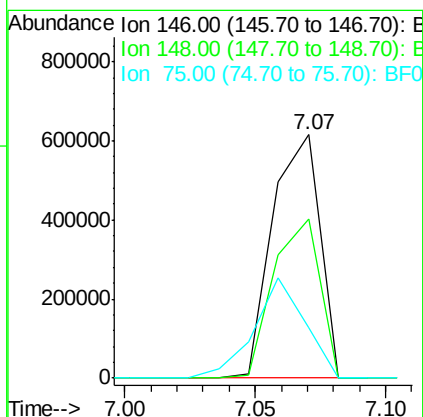
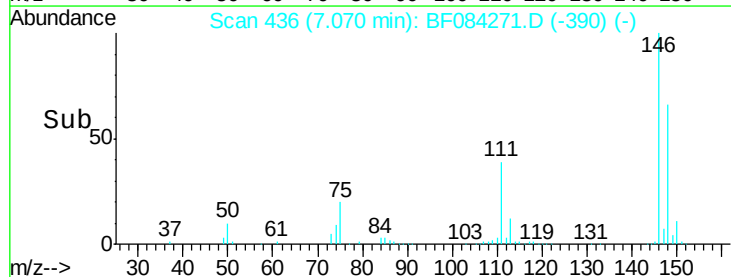
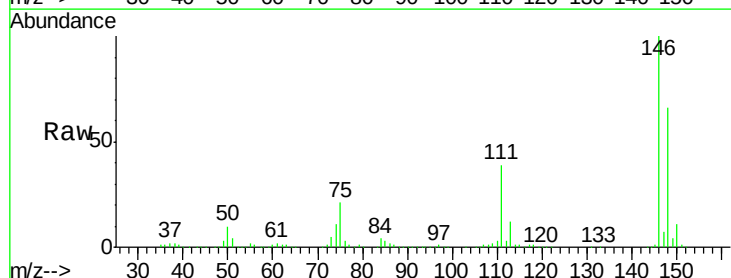
Tgt Ion: 146 Resp: 768634

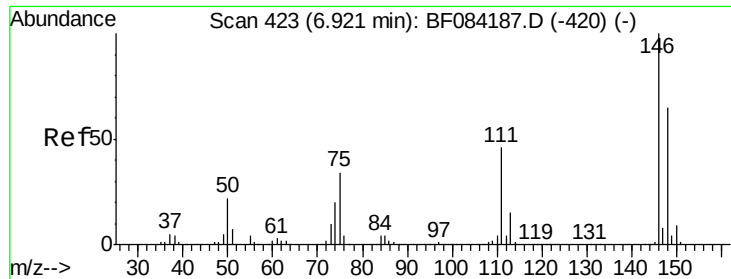
Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

75 20.8 20.5 30.7

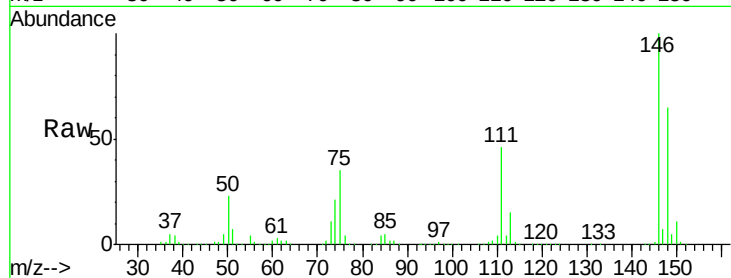




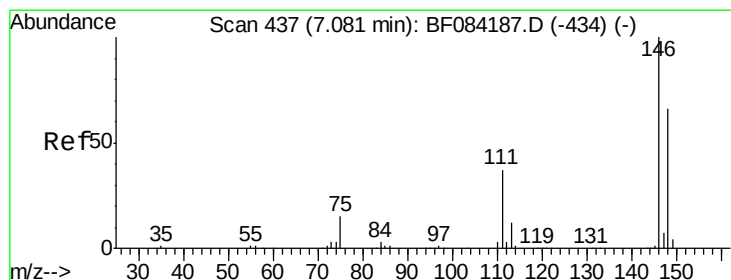
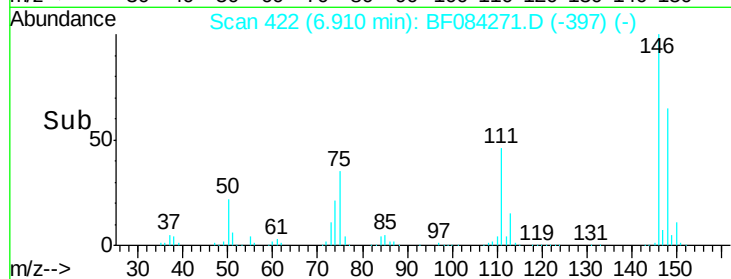
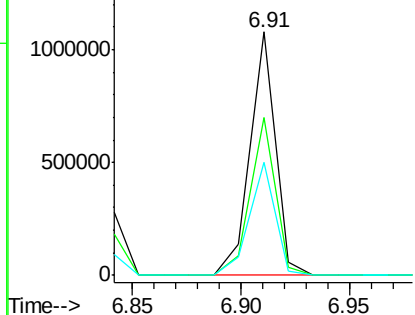
#13
 1,4-Dichlorobenzene
 Concen: 46.69 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:146 Resp: 875930
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 46.5 41.6 62.4

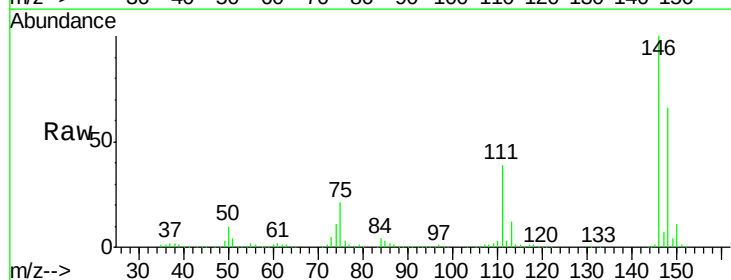


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

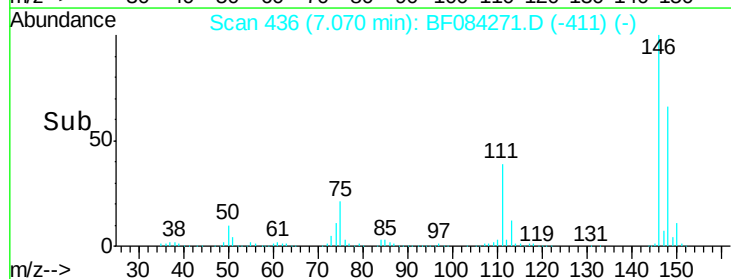
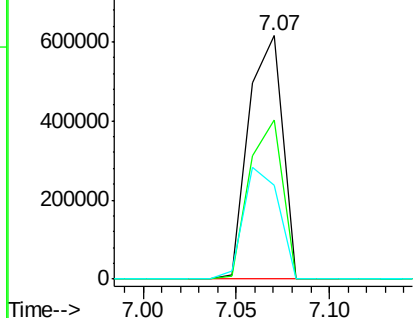


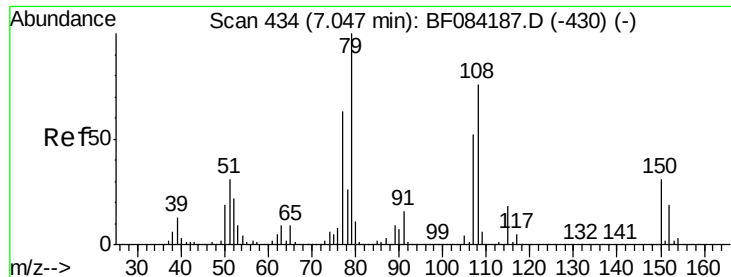
#14
 1,2-Dichlorobenzene
 Concen: 42.78 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

Tgt Ion:146 Resp: 768698
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.6 77.4
 111 38.7 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: 44.52 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampled :

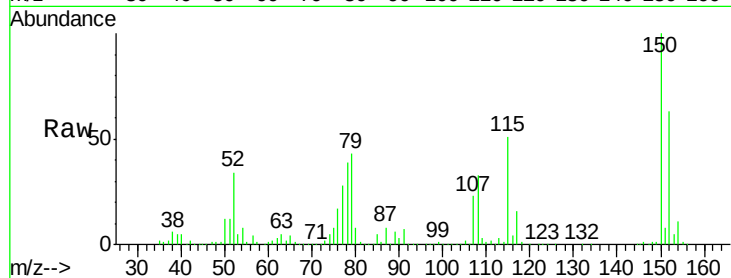
Tot Ion: 79 Resp: 751952

Ion Ratio Lower Upper

79 100

108 77.8 69.0 103.4

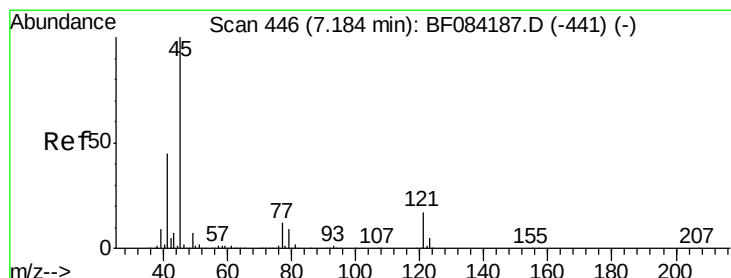
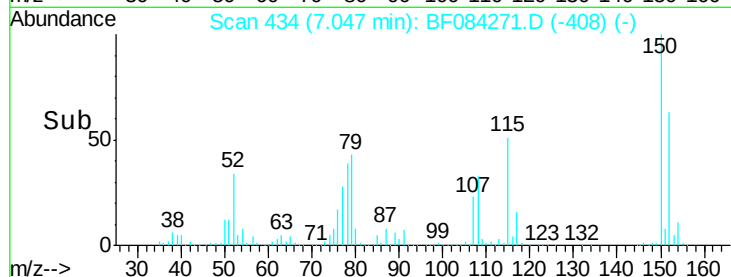
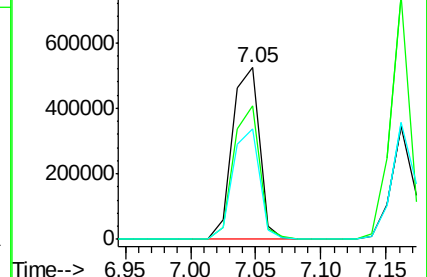
77 64.5 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.72 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

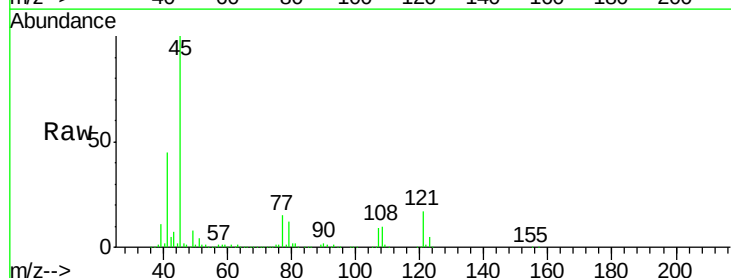
Tgt Ion: 45 Resp: 1343271

Ion Ratio Lower Upper

45 100

77 15.0 0.0 39.6

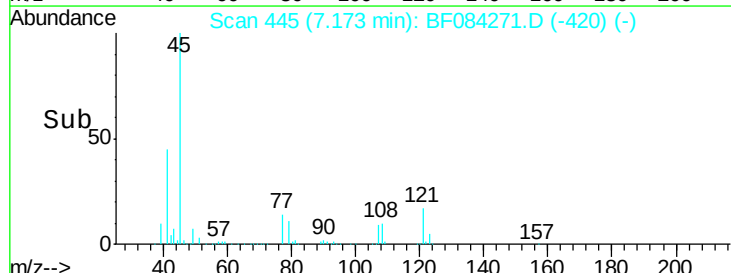
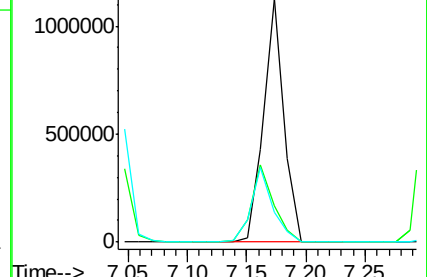
79 12.1 0.0 35.0

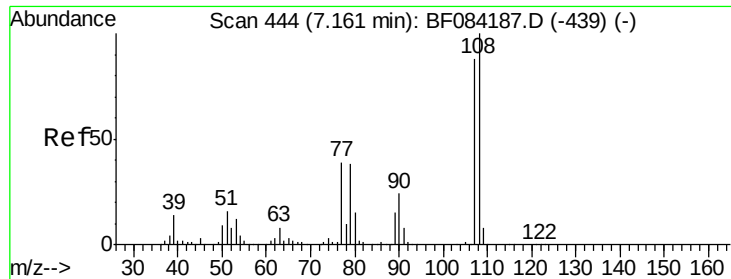


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

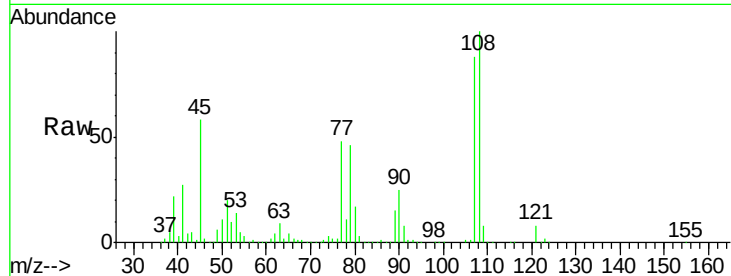




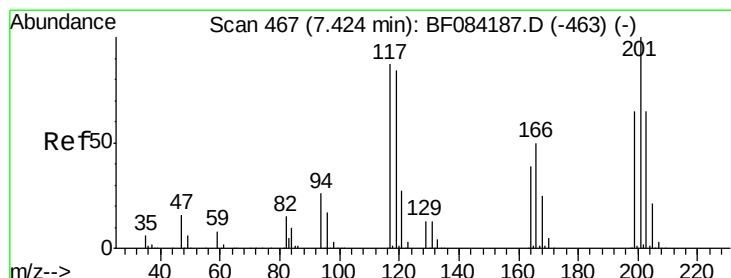
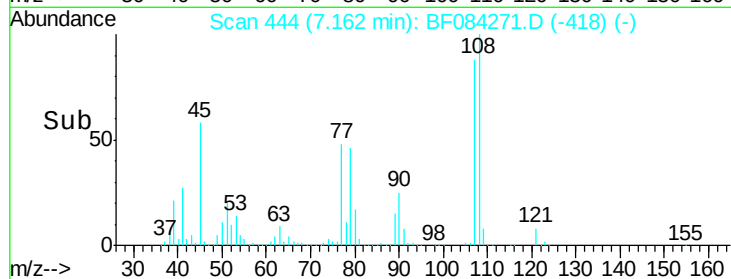
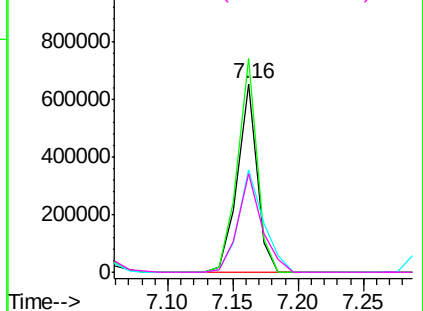
#17
2-Methylphenol
Concen: 44.59 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 677740
Ion Ratio Lower Upper
107 100
108 113.4 89.8 134.6
77 54.3 35.7 53.5#
79 52.7 35.7 53.5

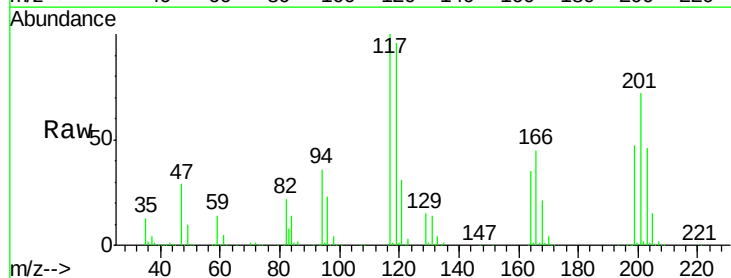


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

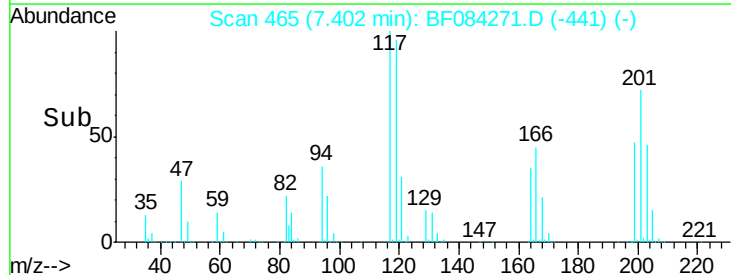
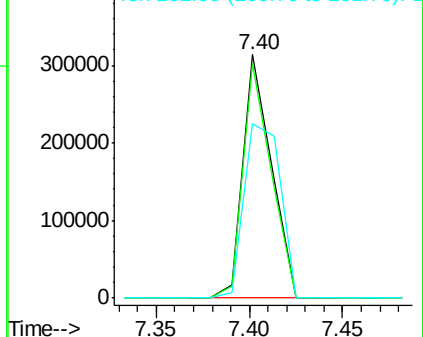


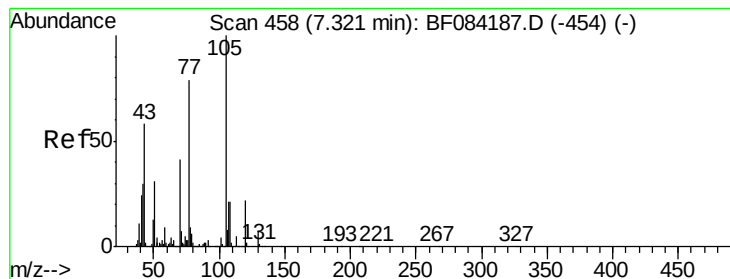
#18
Hexachloroethane
Concen: 44.21 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:117 Resp: 331659
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0
201 71.7 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: 42.70 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 580326

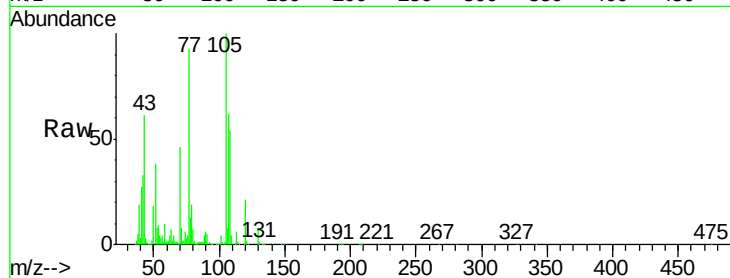
Ion Ratio Lower Upper

70 100

42 70.1 33.3 49.9#

101 8.9 9.3 13.9#

130 17.6 23.4 35.0#

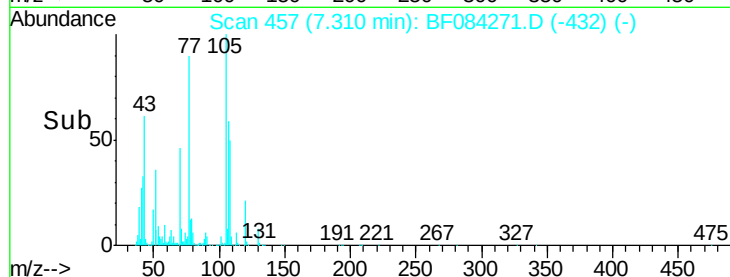
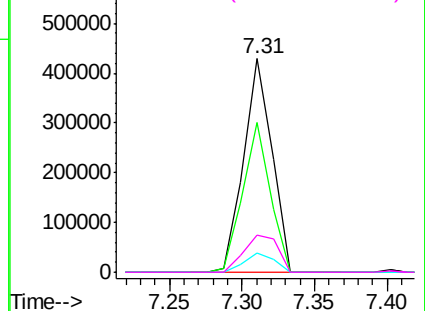


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.80 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Tgt Ion:107 Resp: 800434

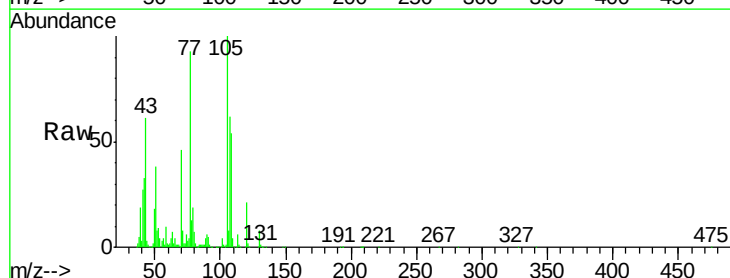
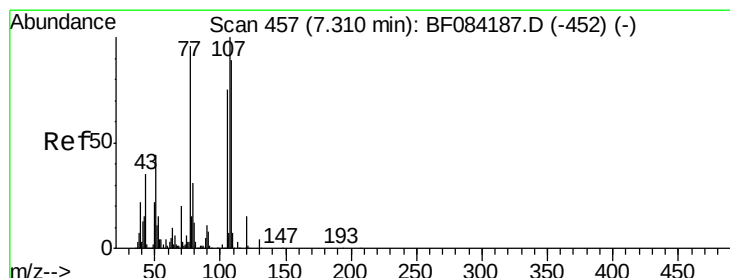
Ion Ratio Lower Upper

107 100

108 87.9 74.6 114.6

77 151.2 0.7 40.7#

79 30.5 0.0 39.0

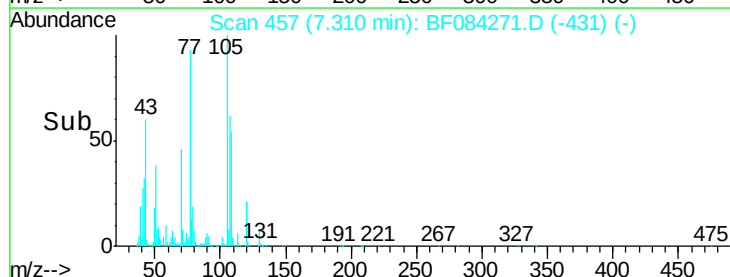
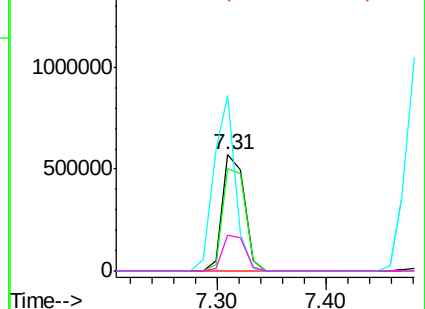


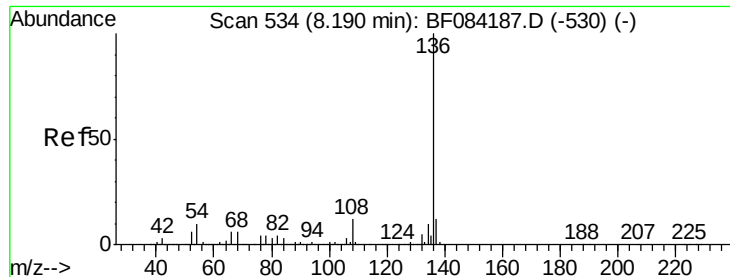
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

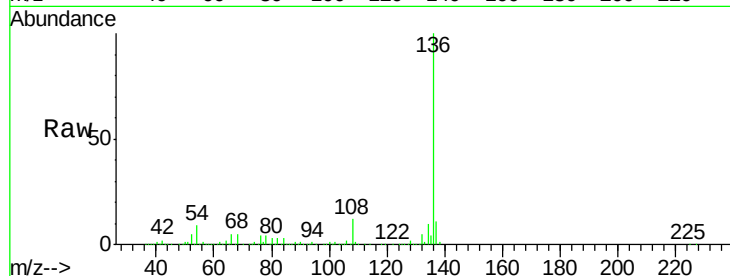
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1072620

Ion Ratio Lower Upper

136	100		
137	11.3	8.7	13.1
54	9.2	5.8	8.8#
68	5.1	4.2	6.2

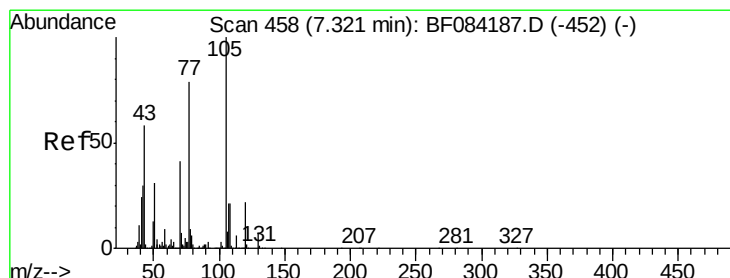
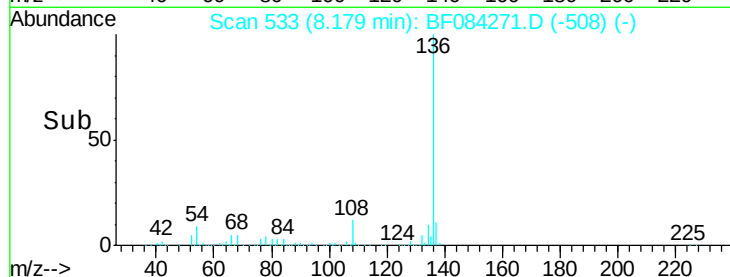
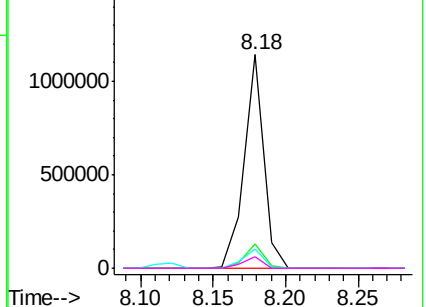


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.97 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Tgt Ion:105 Resp: 1185583

Ion Ratio Lower Upper

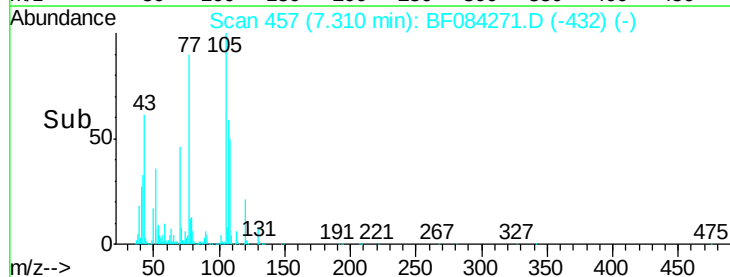
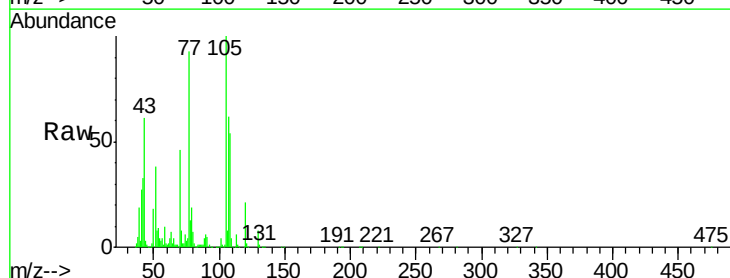
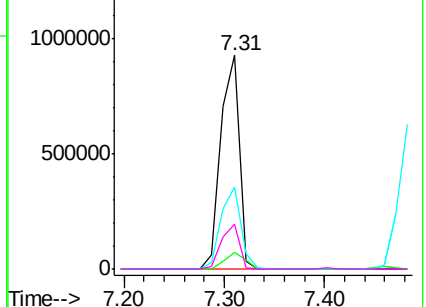
105	100		
71	7.6	3.7	5.5#
51	38.4	25.1	37.7#
120	21.3	16.6	25.0

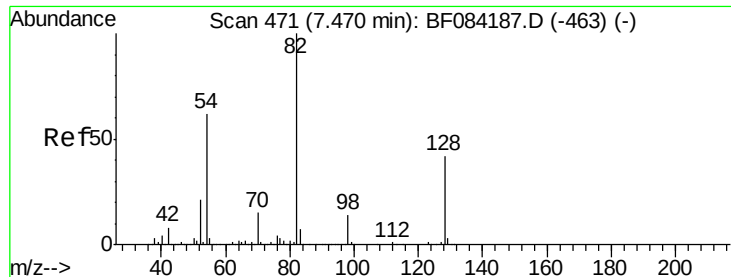
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.95 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

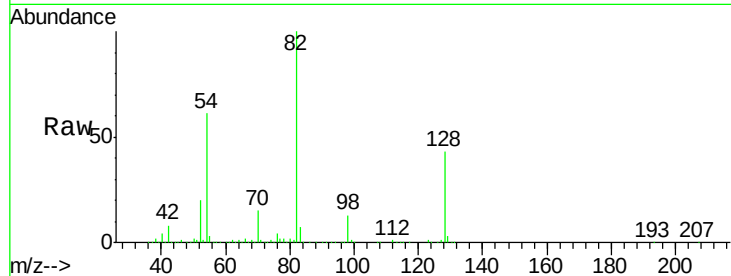
Tot Ion: 82 Resp: 1675747

Ion Ratio Lower Upper

82 100

128 42.6 34.6 51.8

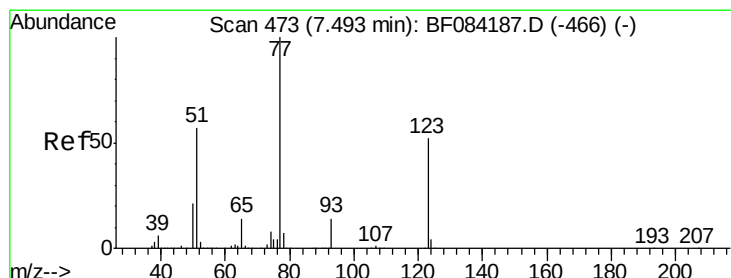
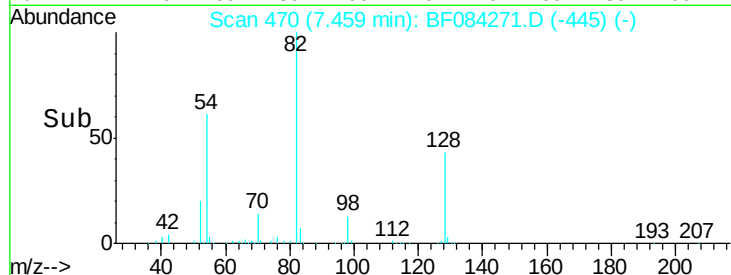
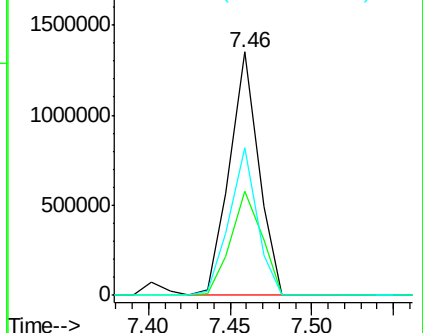
54 60.8 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 50.66 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

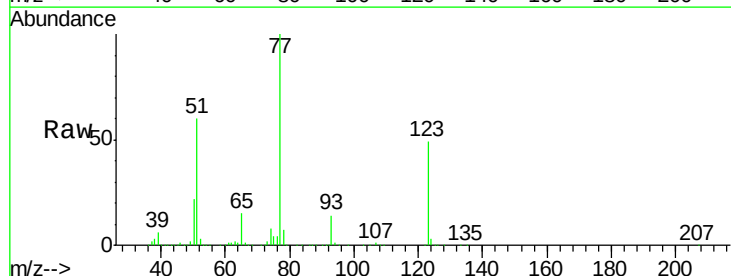
Tgt Ion: 77 Resp: 990180

Ion Ratio Lower Upper

77 100

123 48.6 37.4 56.2

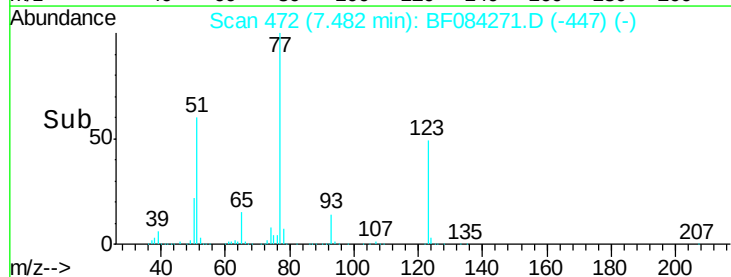
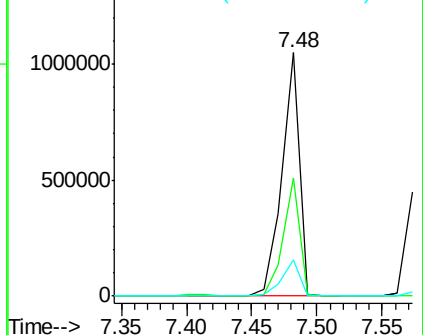
65 14.8 10.9 16.3

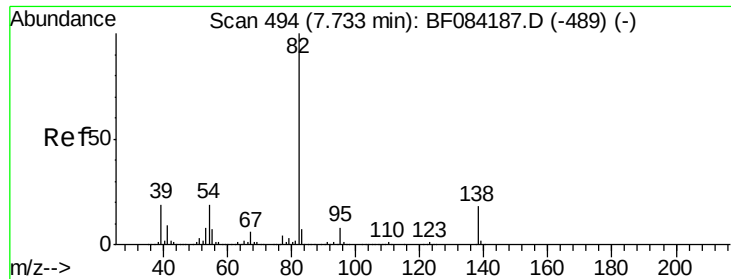


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.64 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

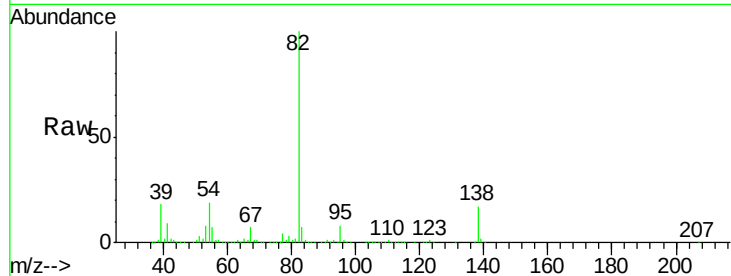
Tot Ion: 82 Resp: 1645575

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.6	10.0
138	17.1	13.6	20.4

82 100

95 7.9 6.6 10.0

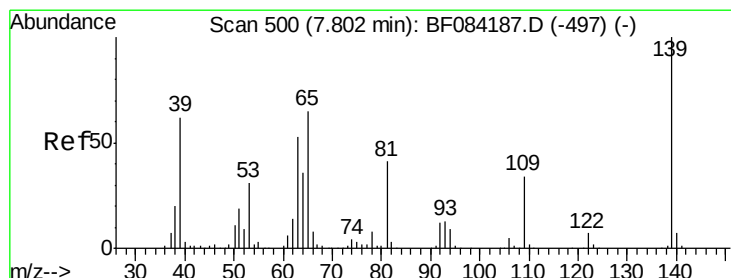
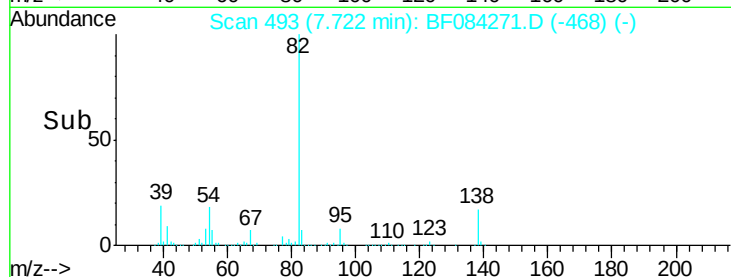
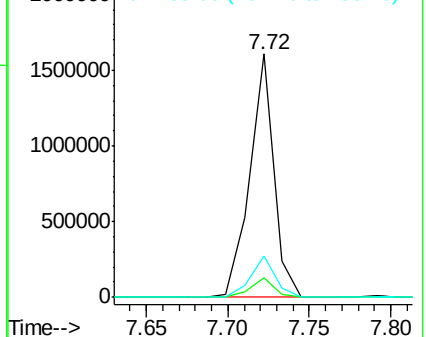
138 17.1 13.6 20.4



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: 48.45 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

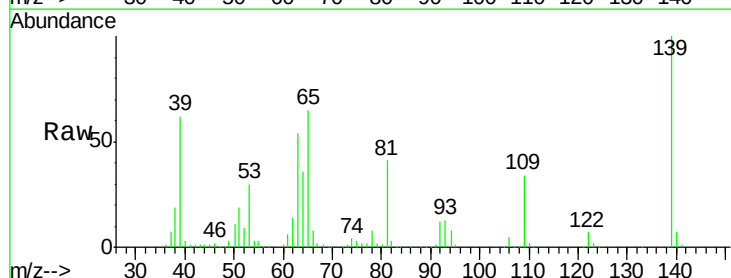
Tgt Ion: 139 Resp: 431017

Ion	Ratio	Lower	Upper
139	100		
109	33.7	25.4	38.2
65	65.4	32.3	48.5#

139 100

109 33.7 25.4 38.2

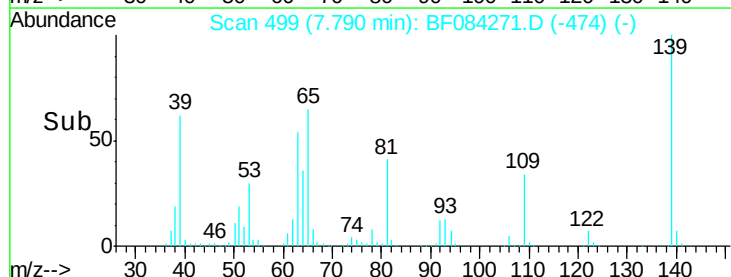
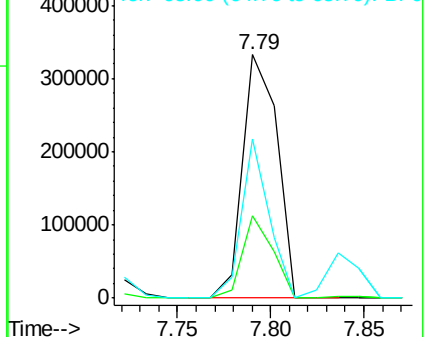
65 65.4 32.3 48.5#

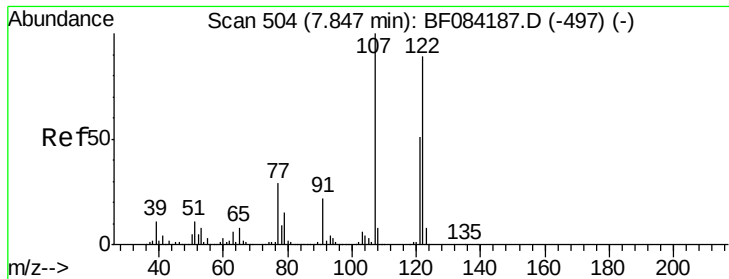


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.31 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

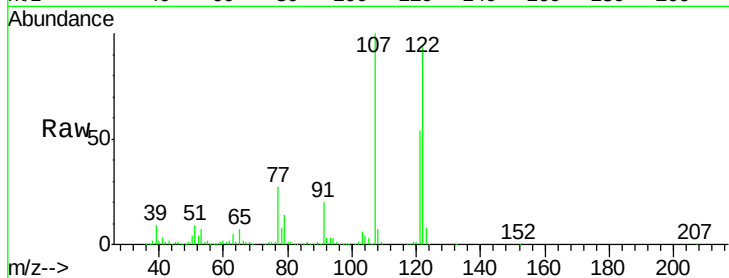
Tot Ion:122 Resp: 797870

Ion Ratio Lower Upper

122 100

107 106.0 99.1 148.7

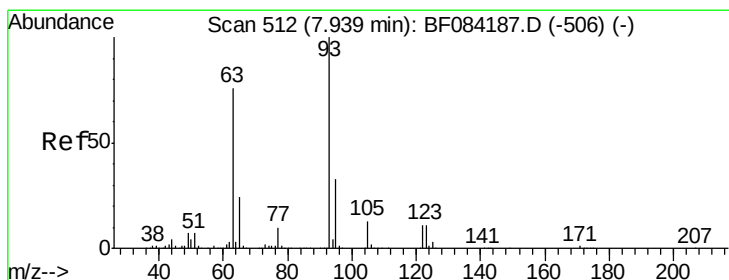
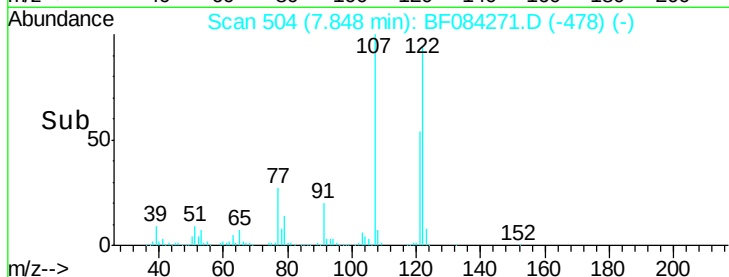
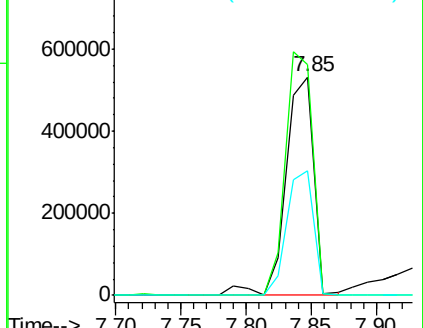
121 57.4 47.9 71.9



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: 44.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

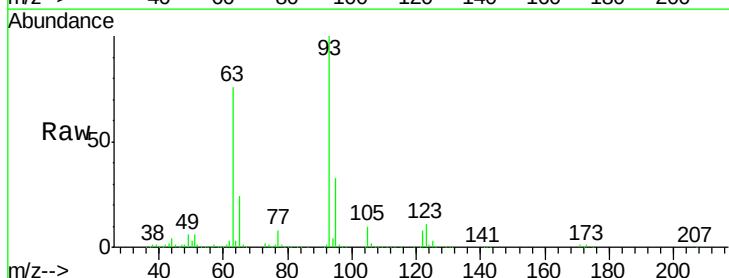
Tgt Ion: 93 Resp: 990684

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

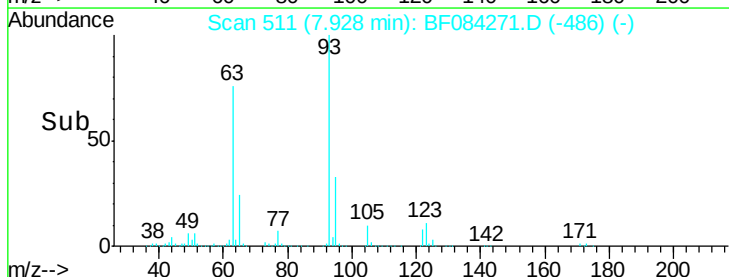
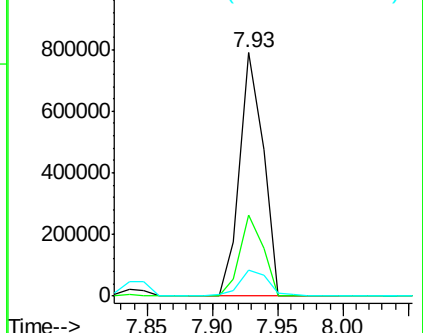
123 10.6 8.6 12.8

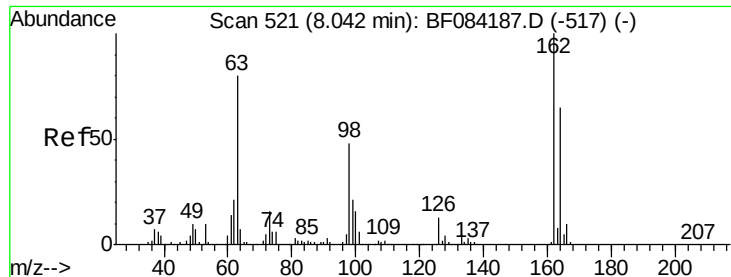


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.76 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

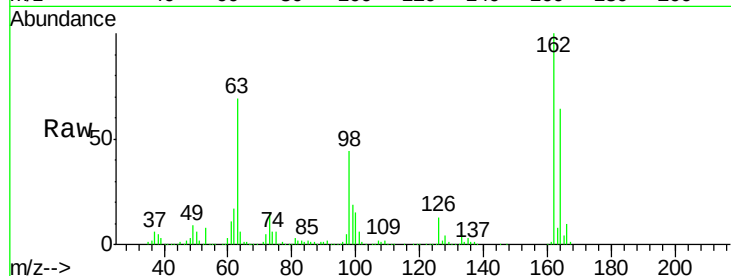
Tot Ion:162 Resp: 686437

Ion Ratio Lower Upper

162 100

164 63.8 44.1 84.1

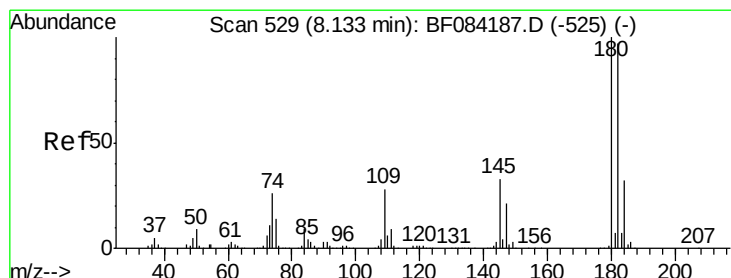
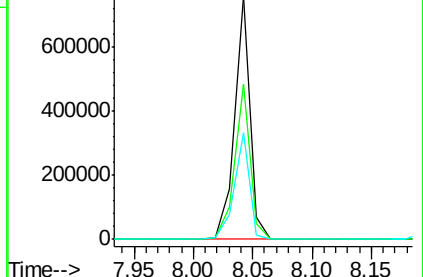
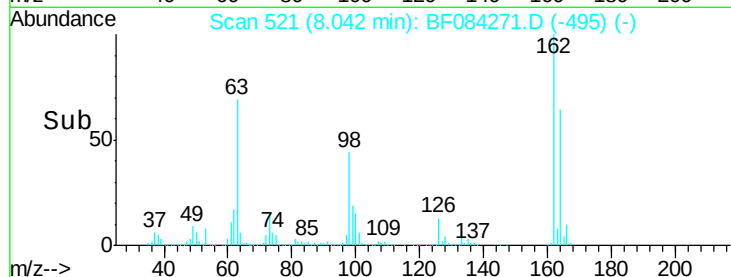
98 43.8 20.2 60.2



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): E



#30

1,2,4-Trichlorobenzene

Concen: 49.23 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

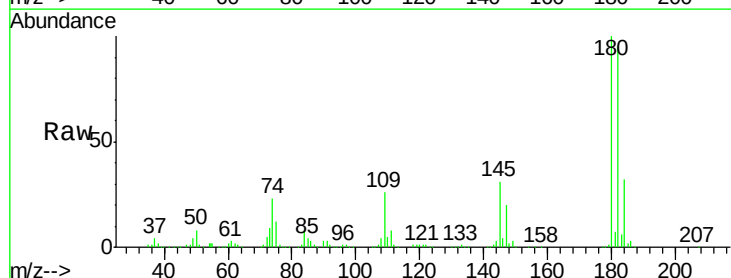
Tgt Ion:180 Resp: 762389

Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

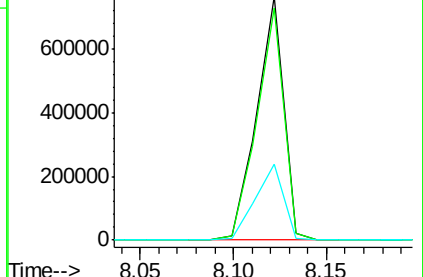
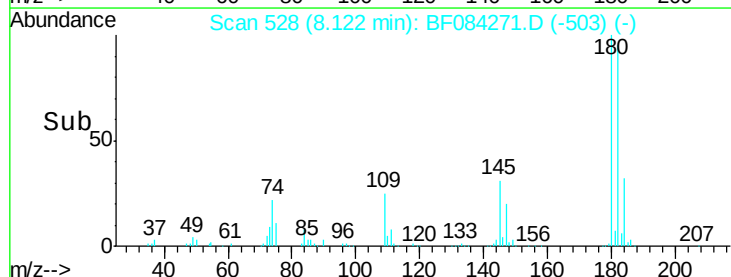
145 31.2 31.6 47.4#

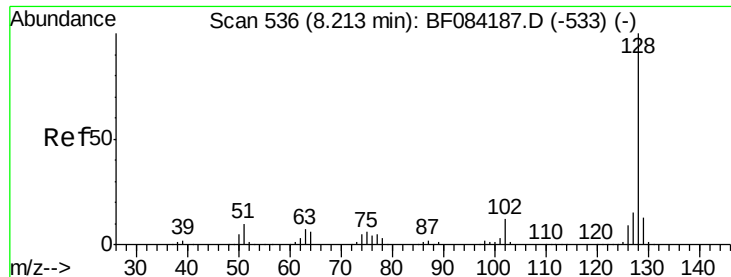


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

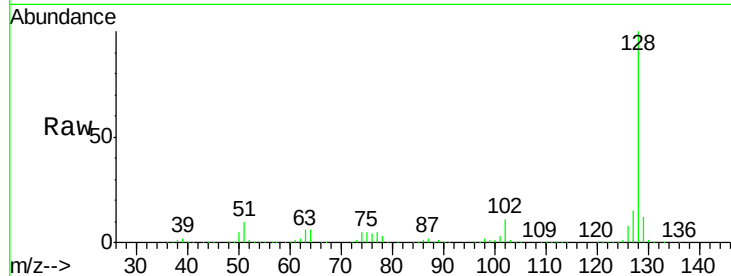




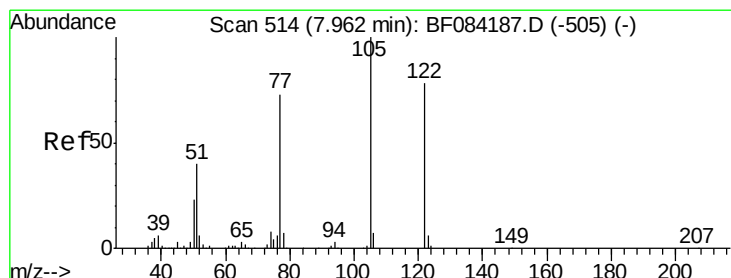
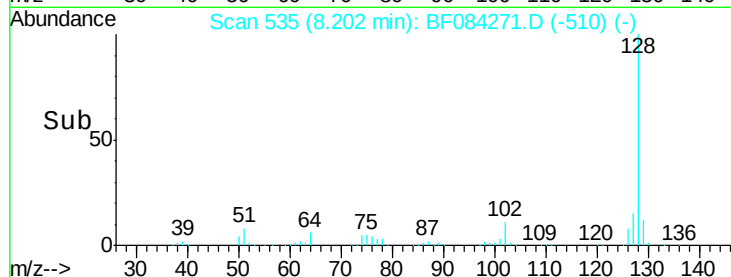
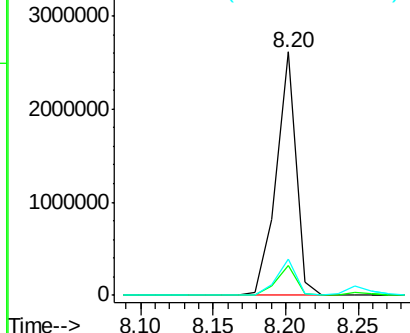
#31
Naphthalene
Concen: 50.77 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2470501
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 14.9 11.1 16.7

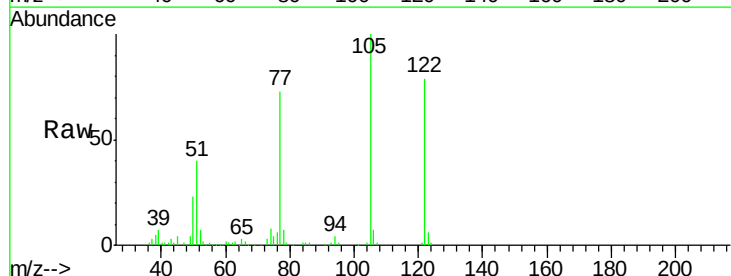


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

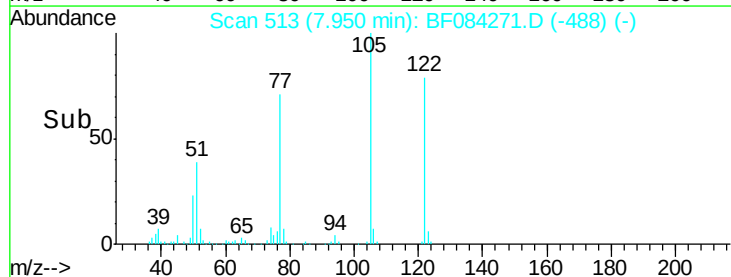
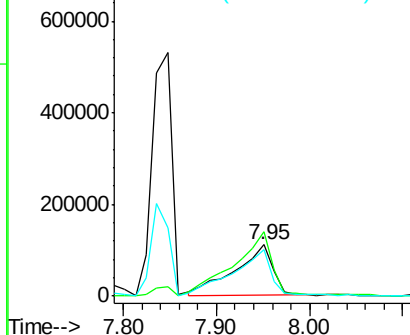


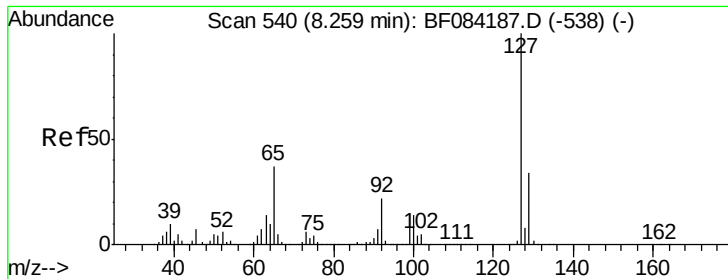
#32
Benzoic acid
Concen: 29.84 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:122 Resp: 314235
Ion Ratio Lower Upper
122 100
105 126.8 100.3 140.3
77 92.3 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

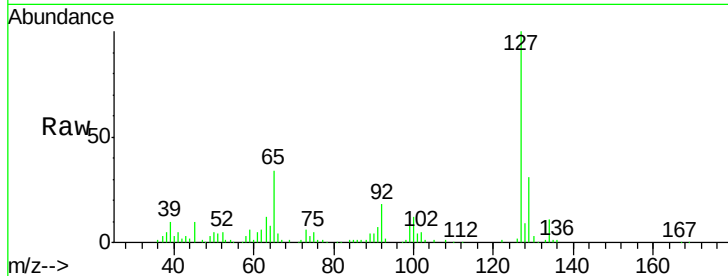




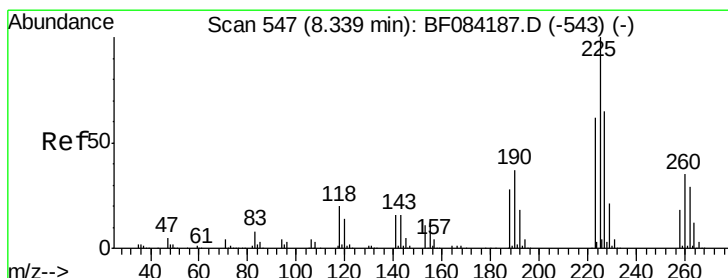
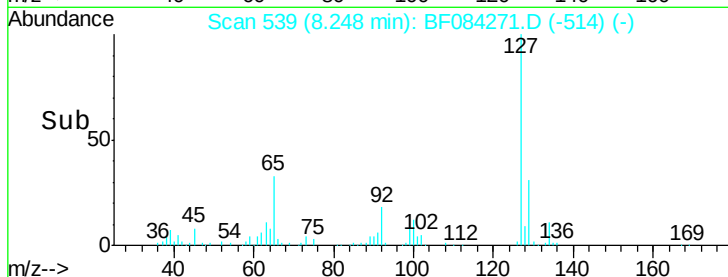
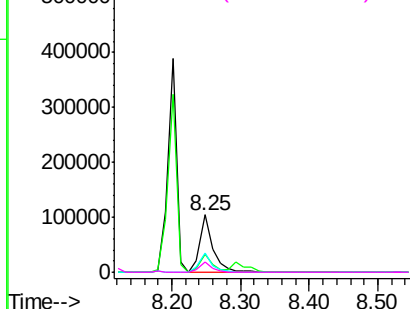
#33
4-Chloroaniline
Concen: 6.24 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	139105
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.5	39.7
65	33.8	27.2	40.8
92	18.0	17.7	26.5

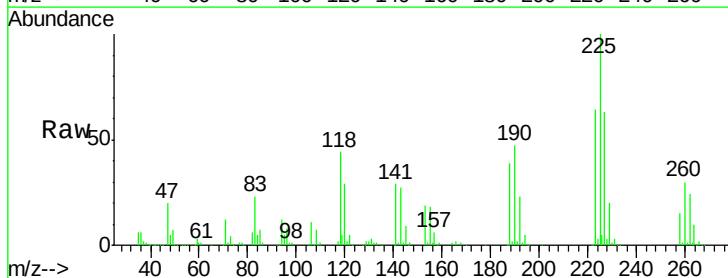


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

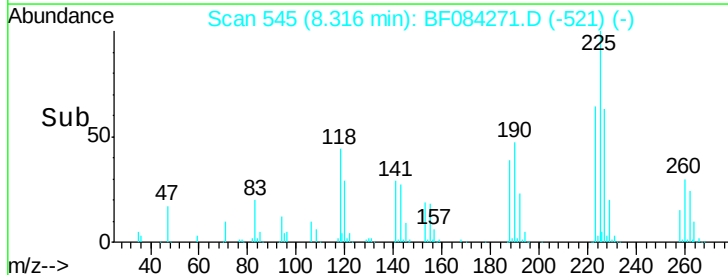
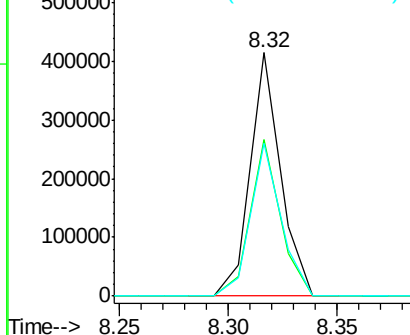


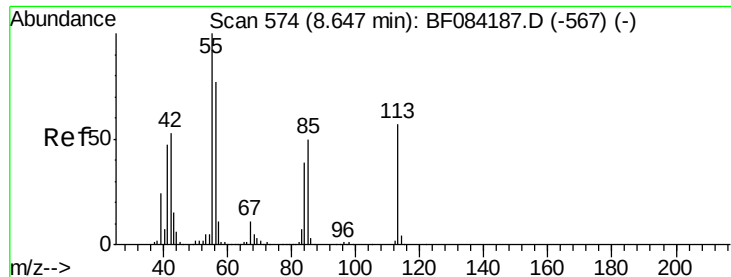
#34
Hexachlorobutadiene
Concen: 45.28 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:	225	Resp:	403068
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.0
227	62.5	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.23 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampled :

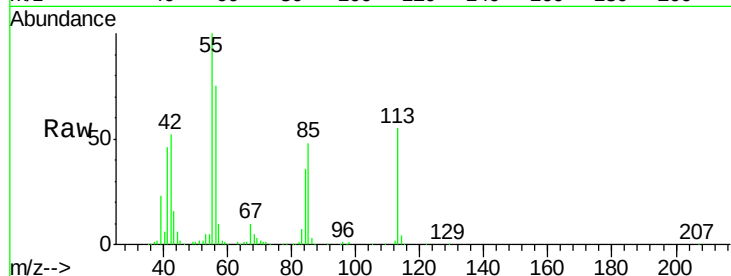
Tot Ion:113 Resp: 157942

Ion Ratio Lower Upper

113 100

55 181.0 116.9 156.9#

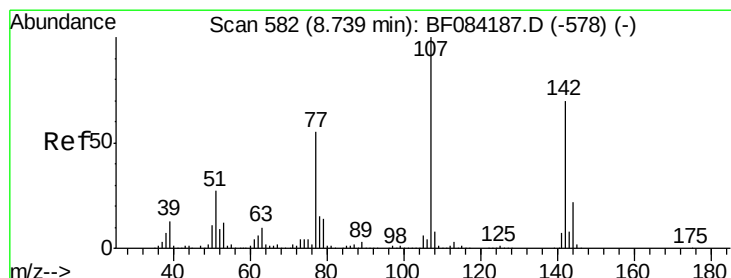
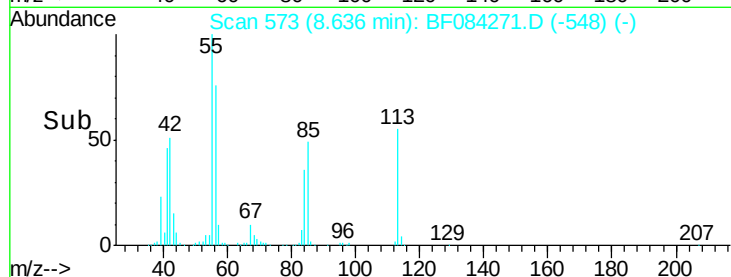
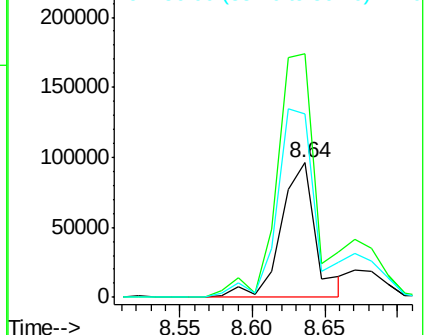
56 136.5 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.95 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

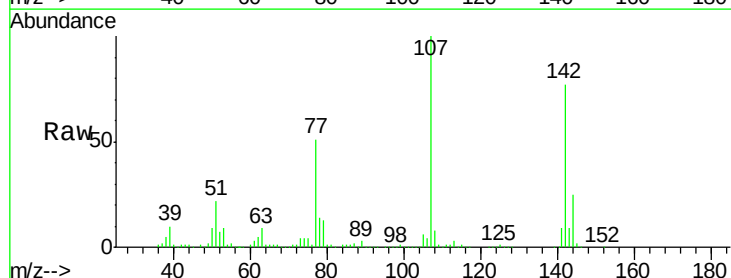
Tgt Ion:107 Resp: 805581

Ion Ratio Lower Upper

107 100

144 25.1 19.7 29.5

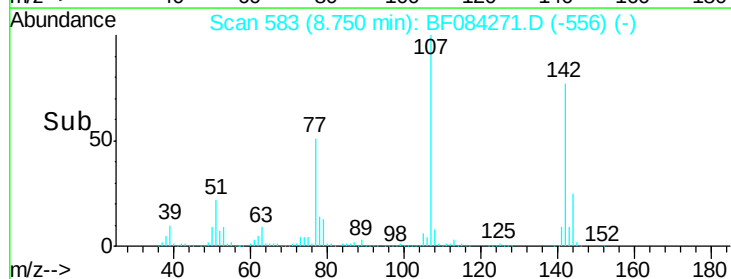
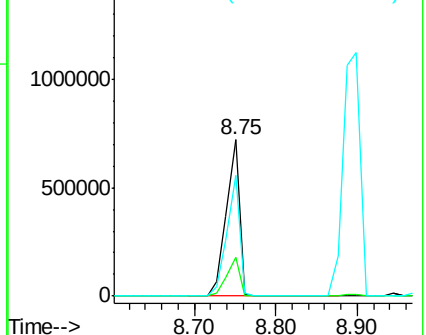
142 77.0 61.8 92.6

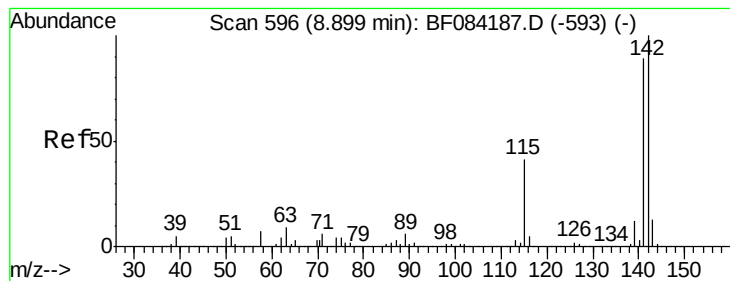


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.80 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

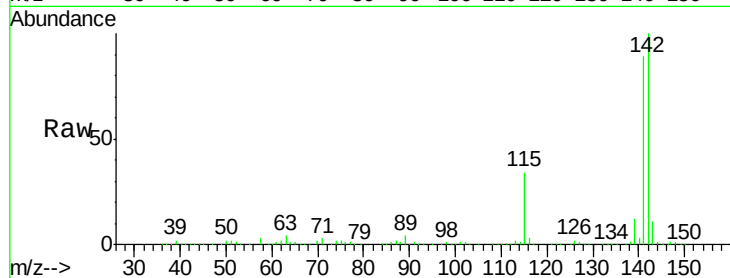
Tot Ion:142 Resp: 1635055

Ion Ratio Lower Upper

142 100

141 88.7 72.4 108.6

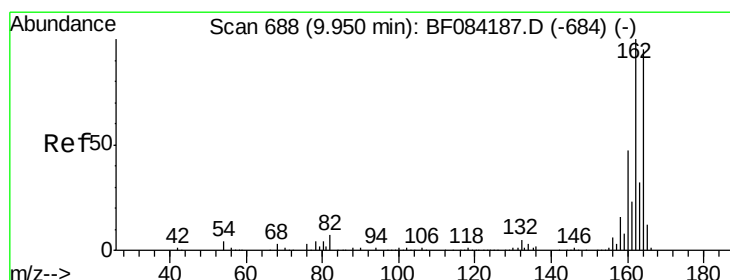
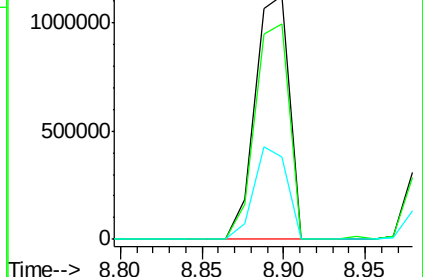
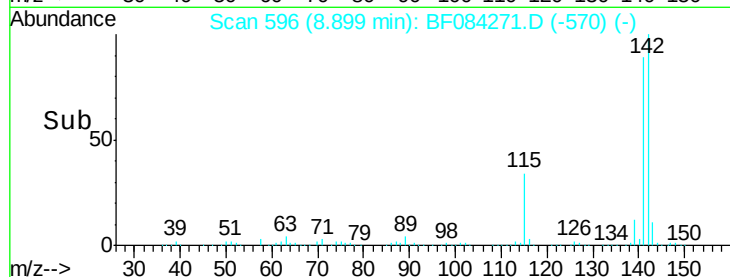
115 33.6 27.9 41.9



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: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

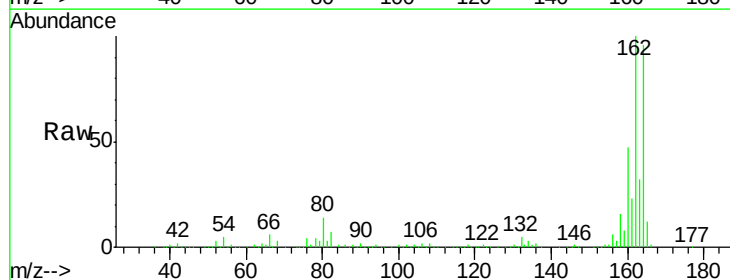
Tgt Ion:164 Resp: 498143

Ion Ratio Lower Upper

164 100

162 103.7 85.1 127.7

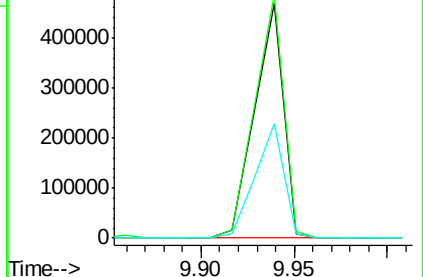
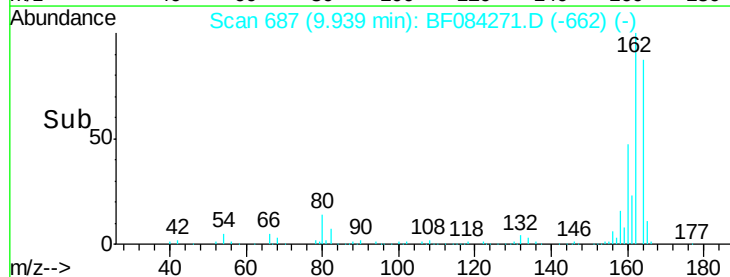
160 48.9 37.5 56.3

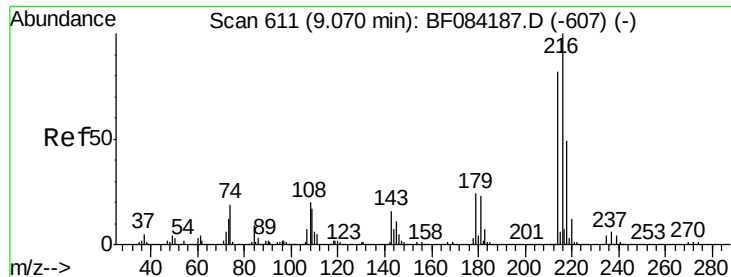


Abundance Ion 164.00 (163.70 to 164.70): E

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: 47.31 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 677493

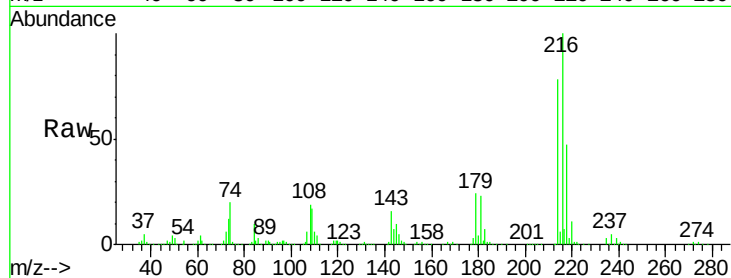
Ion Ratio Lower Upper

216 100

214 78.3 64.2 96.2

179 24.3 18.7 28.1

108 24.5 16.8 25.2

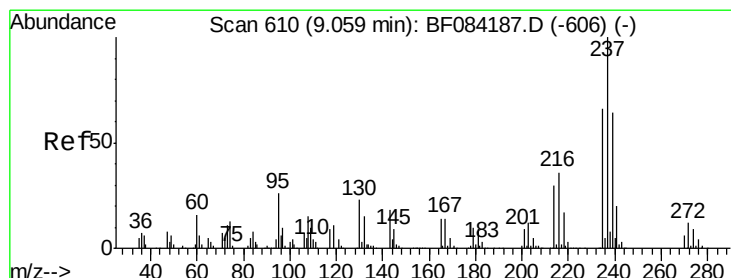
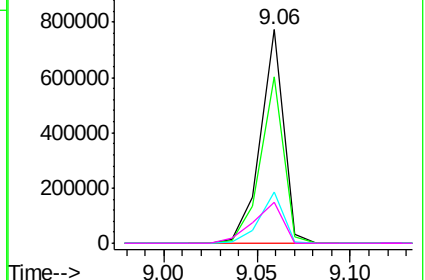
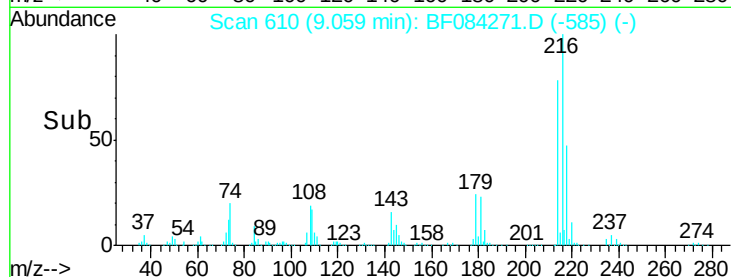


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.40 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

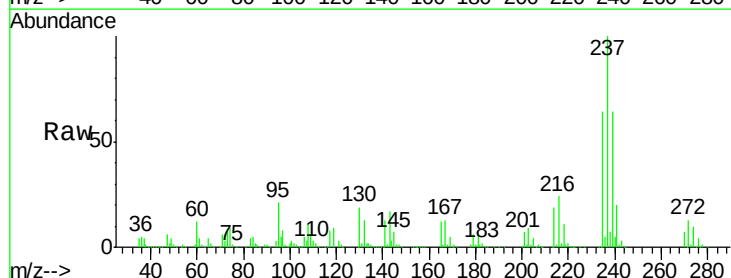
Tgt Ion:237 Resp: 660441

Ion Ratio Lower Upper

237 100

235 63.8 43.1 83.1

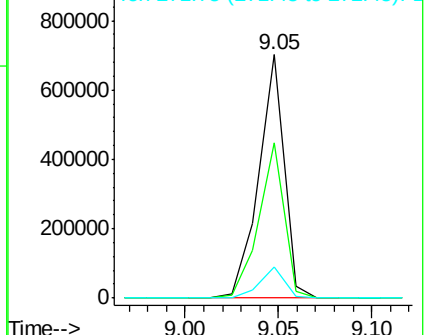
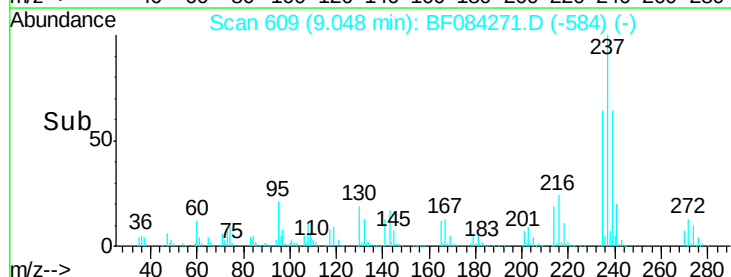
272 13.0 0.0 35.1

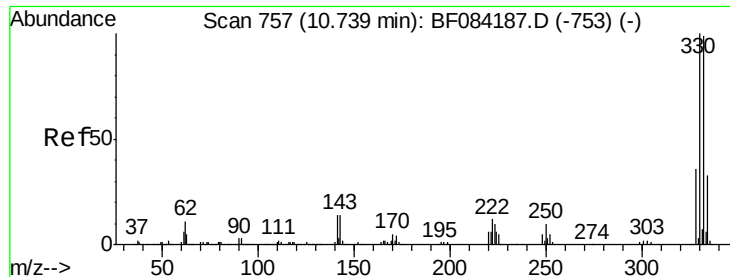


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 115.99 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

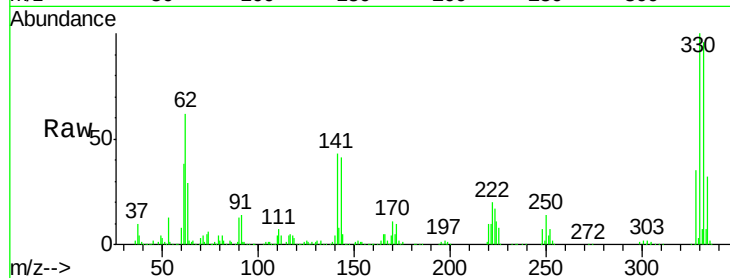
Tot Ion:330 Resp: 583316

Ion Ratio Lower Upper

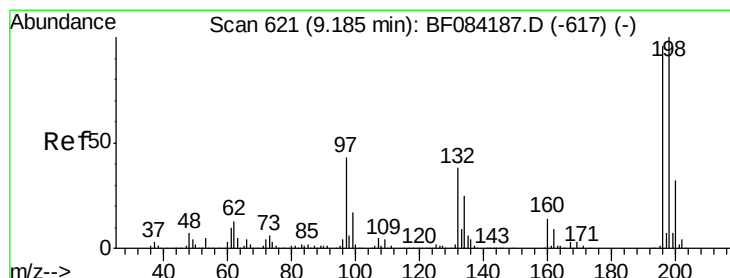
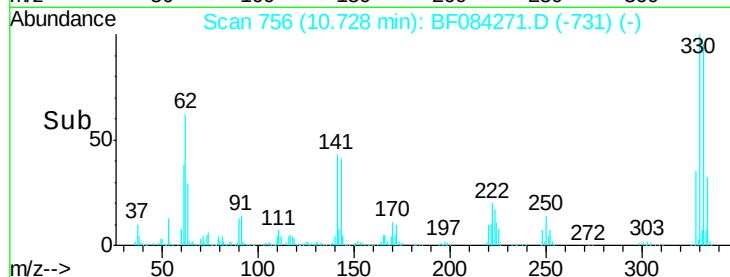
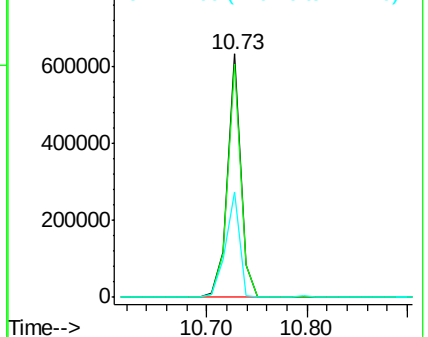
330 100

332 96.4 76.6 114.8

141 45.0 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: 42.16 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

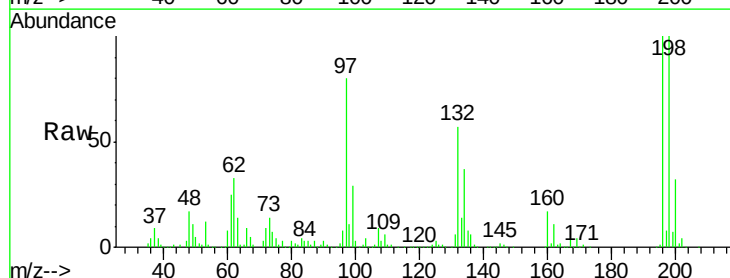
Tgt Ion:196 Resp: 451756

Ion Ratio Lower Upper

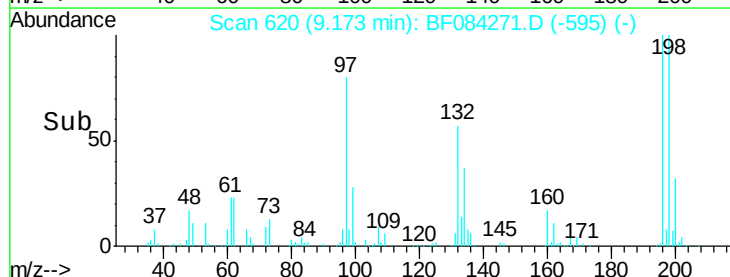
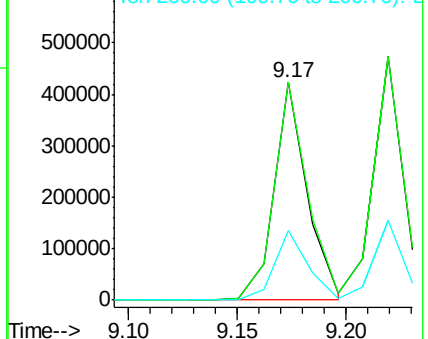
196 100

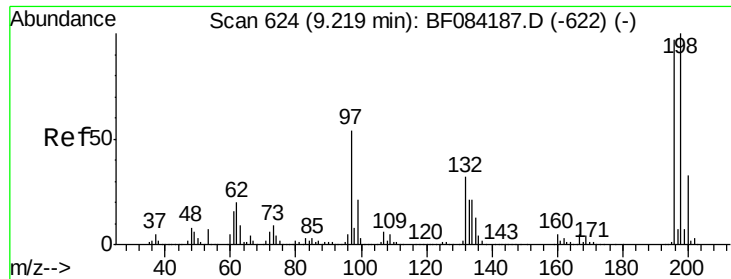
198 99.9 77.7 116.5

200 31.8 24.6 37.0



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

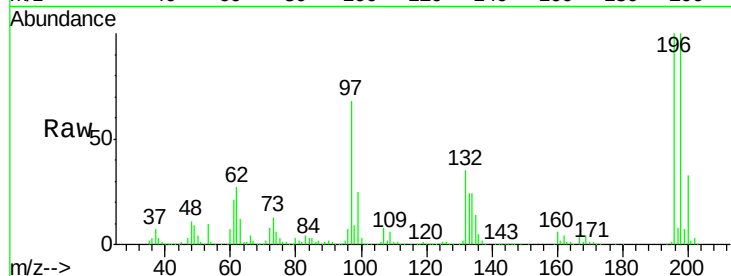




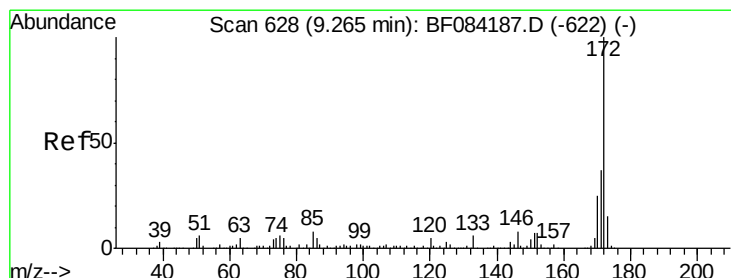
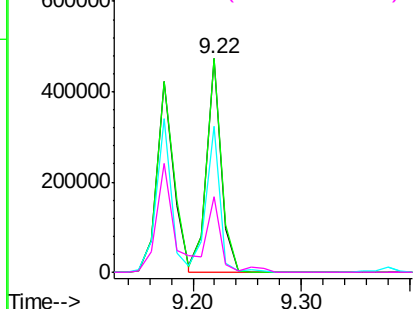
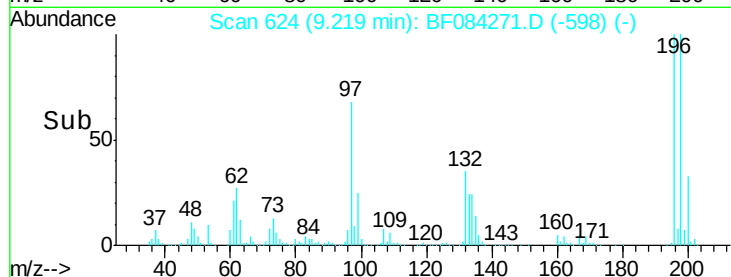
#43
 2,4,5-Trichlorophenol
 Concen: 43.76 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 449494
 Ion Ratio Lower Upper
 196 100
 198 100.1 79.0 118.6
 97 68.2 33.0 49.6#
 132 35.4 21.1 31.7#

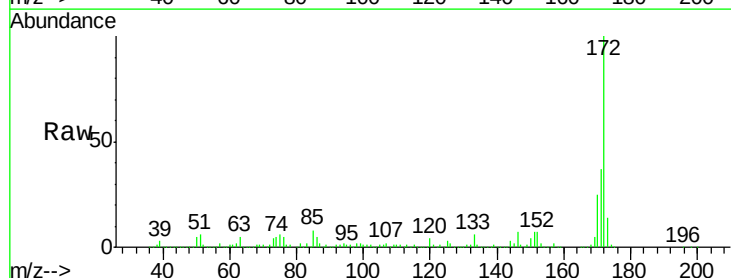


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

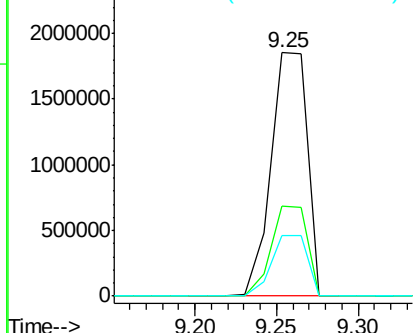
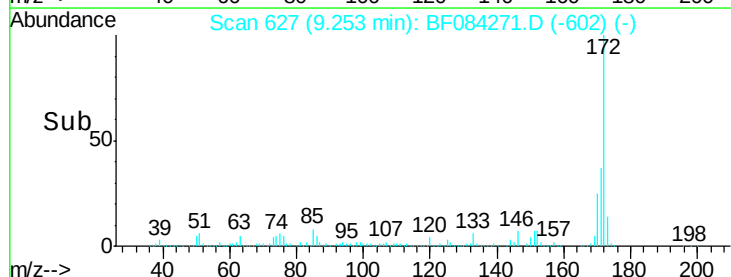


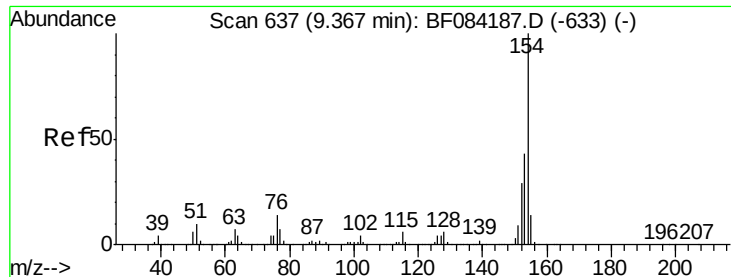
#44
 2-Fluorobiphenyl
 Concen: 103.10 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

Tgt Ion:172 Resp: 2881233
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 25.0 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: 43.80 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampled :

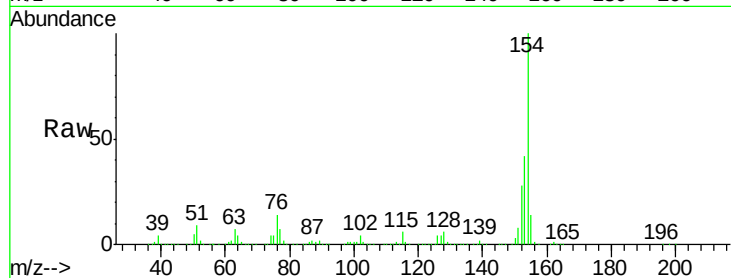
Tot Ion:154 Resp: 1734164

Ion Ratio Lower Upper

154 100

153 41.8 21.6 61.6

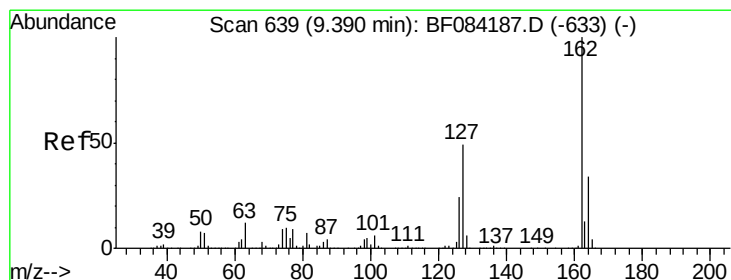
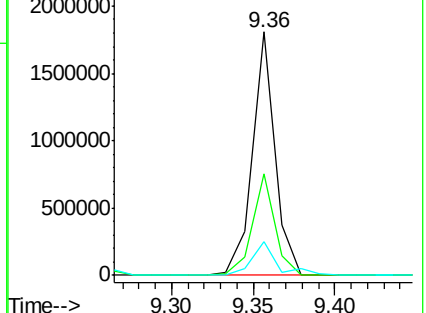
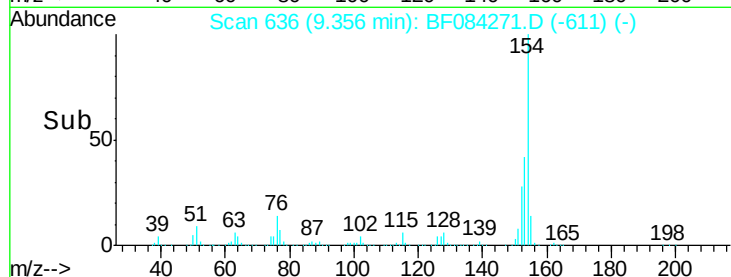
76 13.8 0.0 32.7



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: 44.60 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

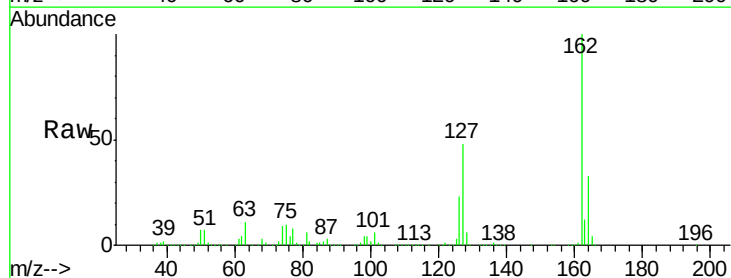
Tgt Ion:162 Resp: 1386844

Ion Ratio Lower Upper

162 100

127 48.0 40.2 60.4

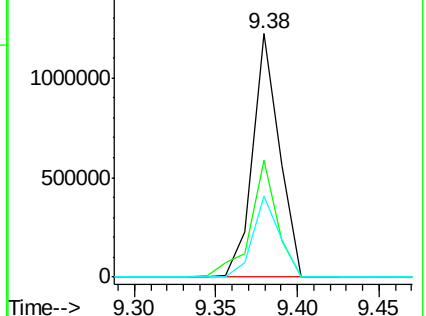
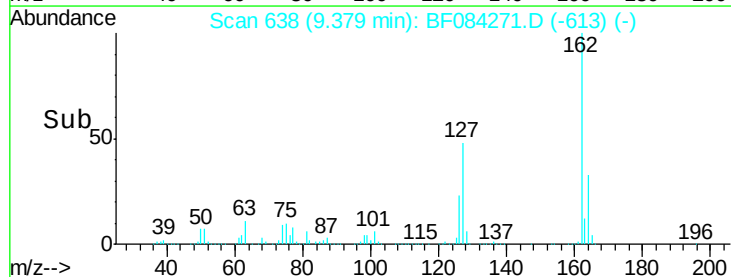
164 33.1 25.7 38.5

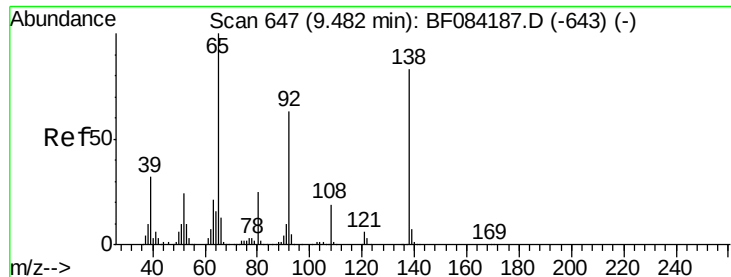


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

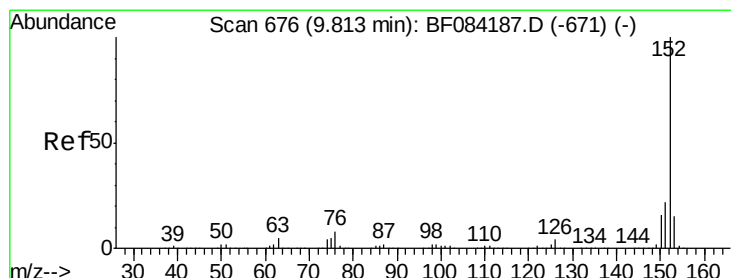
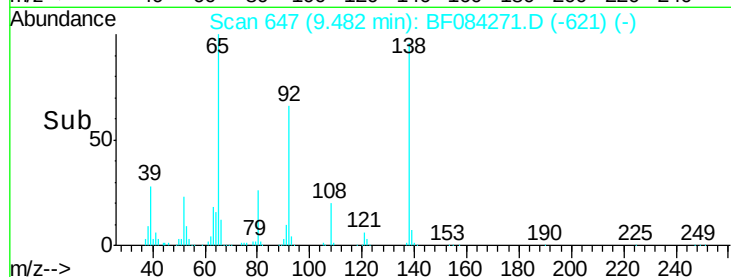
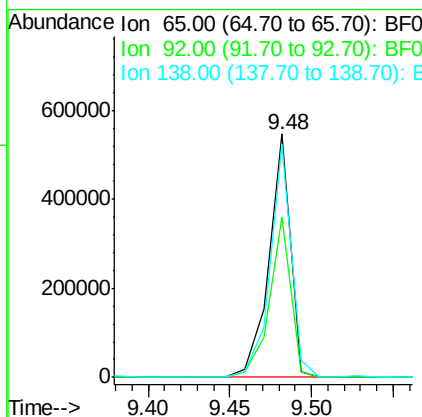
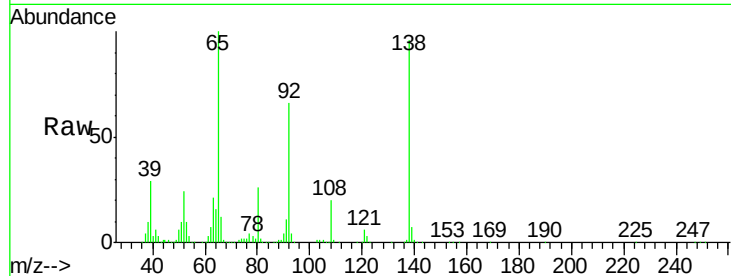




#47
2-Nitroaniline
Concen: 49.01 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

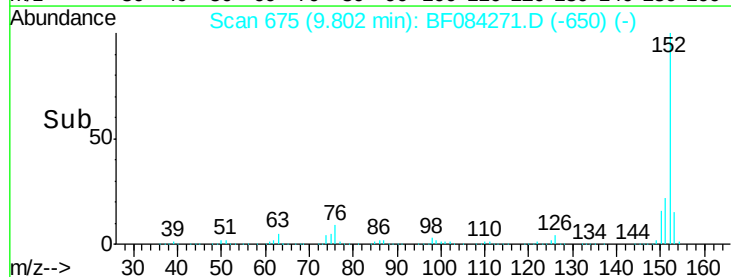
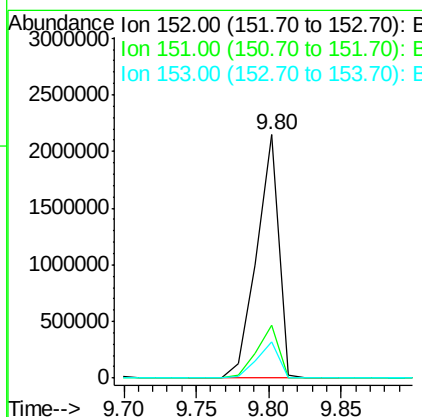
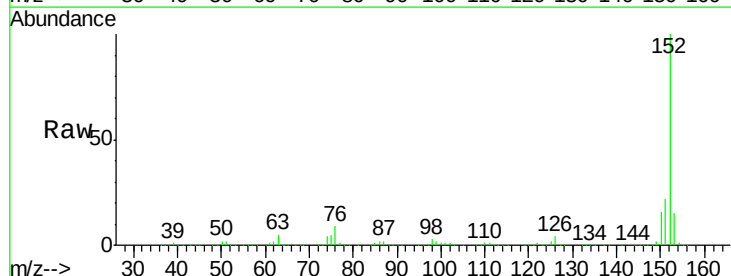
Instrument :
BNA_F
ClientSampleId :

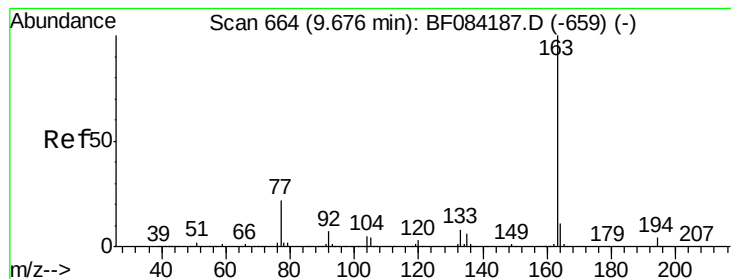
Tot Ion: 65 Resp: 503083
Ion Ratio Lower Upper
65 100
92 66.0 53.4 80.2
138 95.9 71.1 106.7



#48
Acenaphthylene
Concen: 49.27 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 152 Resp: 2263624
Ion Ratio Lower Upper
152 100
151 21.8 16.3 24.5
153 15.0 10.4 15.6





#49

Dimethylphthalate

Concen: 46.96 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

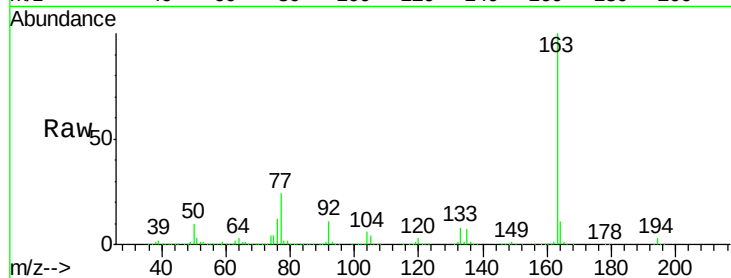
Tot Ion:163 Resp: 1672487

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

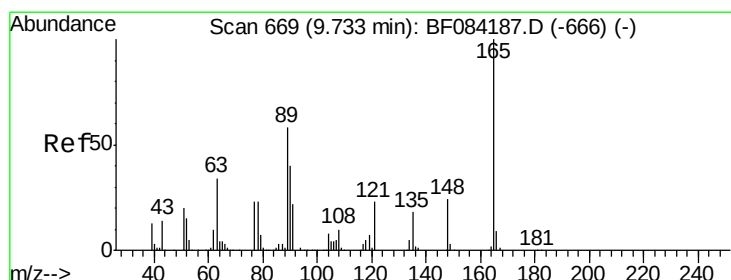
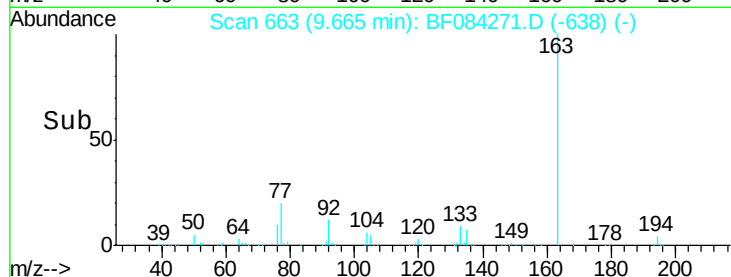
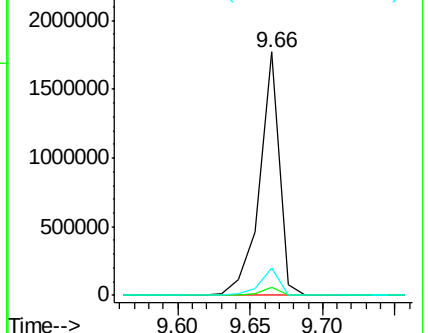
164 11.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.39 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

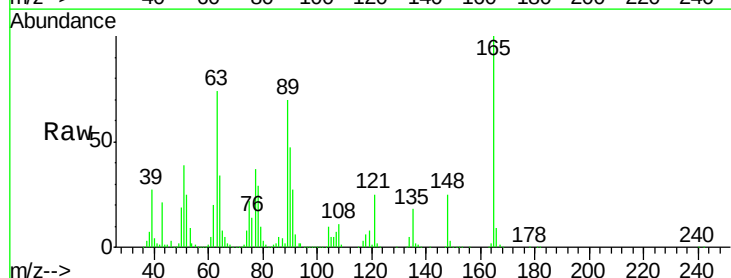
Tgt Ion:165 Resp: 346685

Ion Ratio Lower Upper

165 100

63 74.0 28.8 43.2#

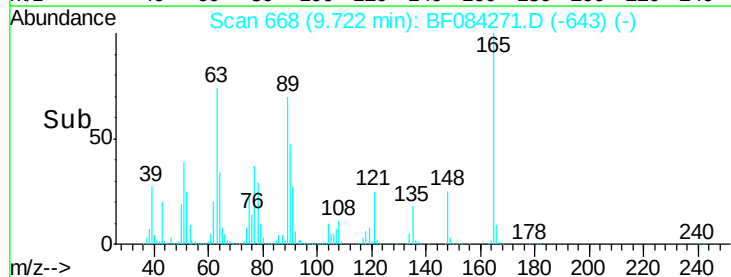
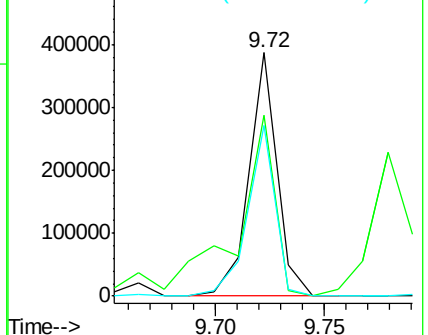
89 70.1 35.1 52.7#

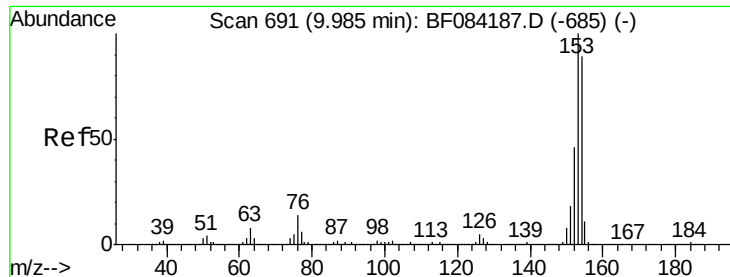


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.81 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

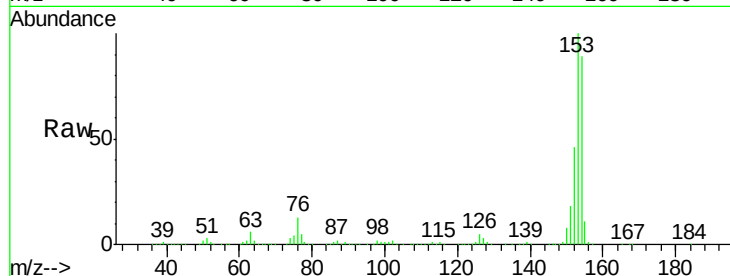
Tot Ion:154 Resp: 1627488

Ion Ratio Lower Upper

154 100

153 112.3 91.5 137.3

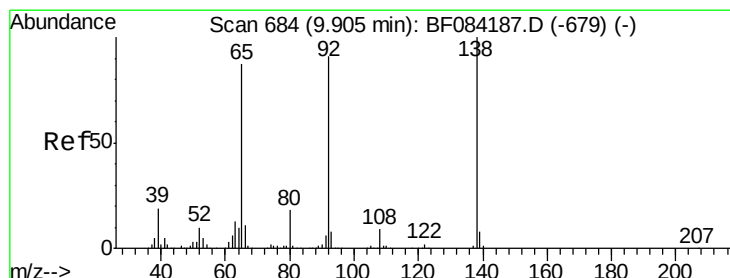
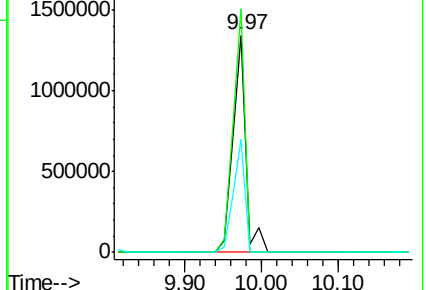
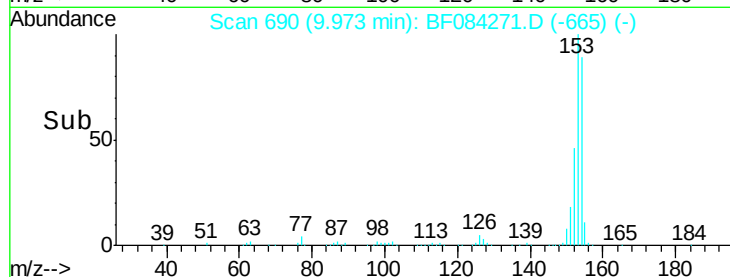
152 52.2 43.0 64.6



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: 9.19 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

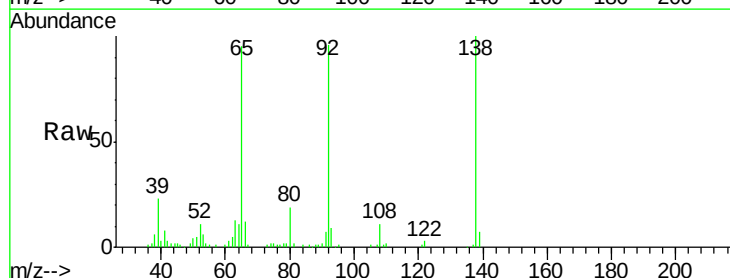
Tgt Ion:138 Resp: 88921

Ion Ratio Lower Upper

138 100

108 10.7 10.5 15.7

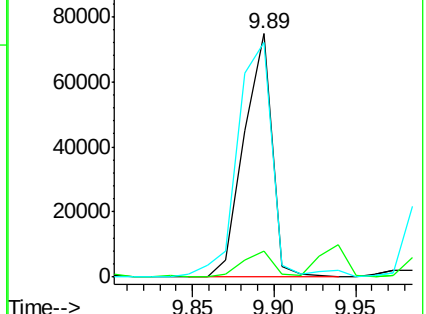
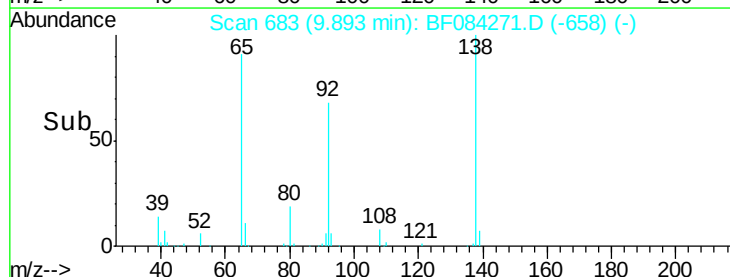
92 96.4 103.9 155.9#

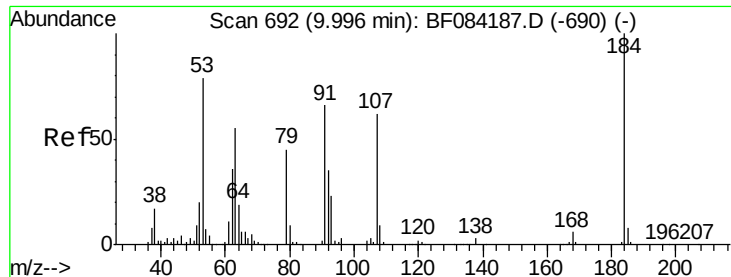


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

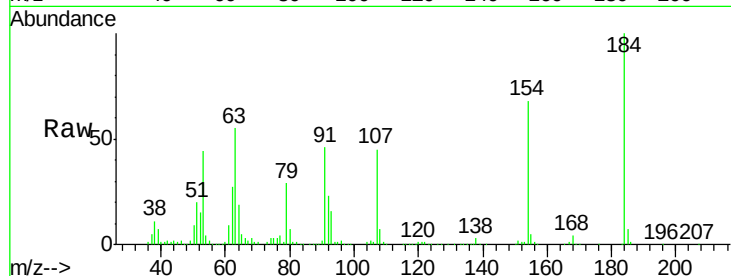




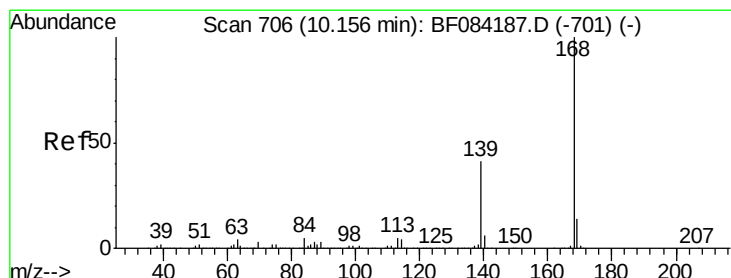
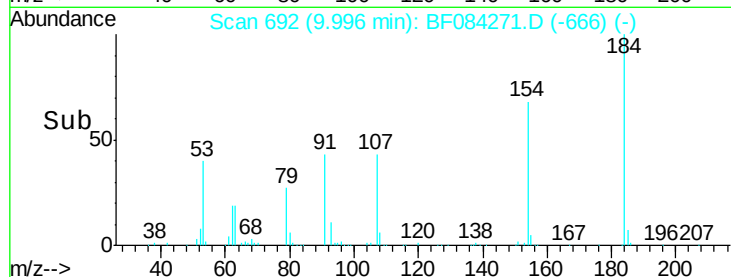
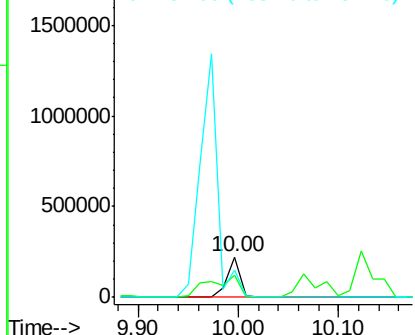
#53
2,4-Dinitrophenol
Concen: 61.15 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 200535
Ion Ratio Lower Upper
184 100
63 54.9 43.1 64.7
154 68.4 60.5 90.7

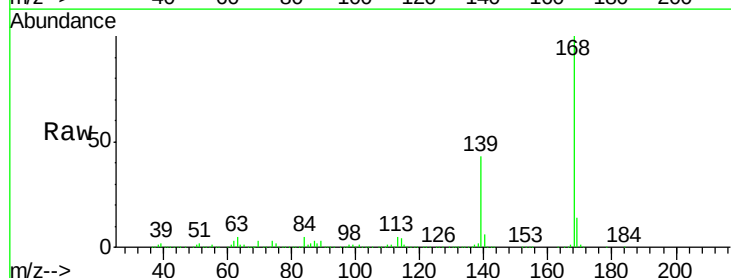


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

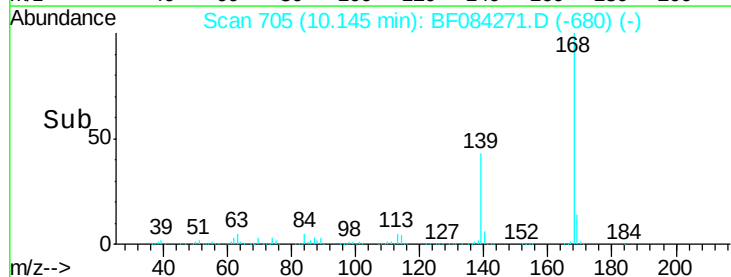
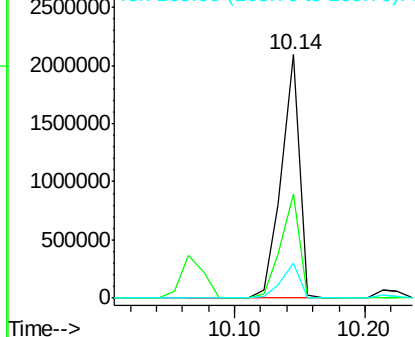


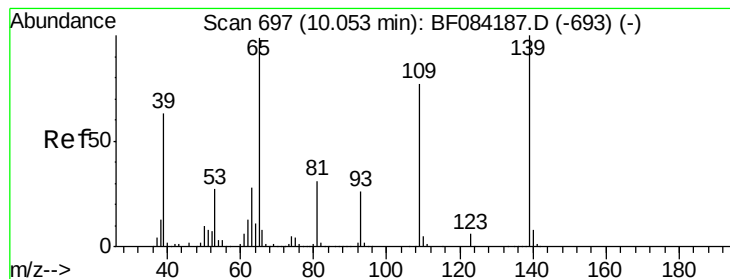
#54
Dibenzofuran
Concen: 52.01 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:168 Resp: 2057578
Ion Ratio Lower Upper
168 100
139 43.0 30.5 45.7
169 14.3 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 64.53 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

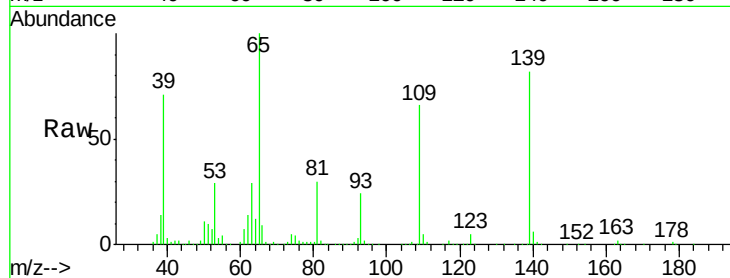
Tot Ion:139 Resp: 453366

Ion Ratio Lower Upper

139 100

109 81.2 58.5 98.5

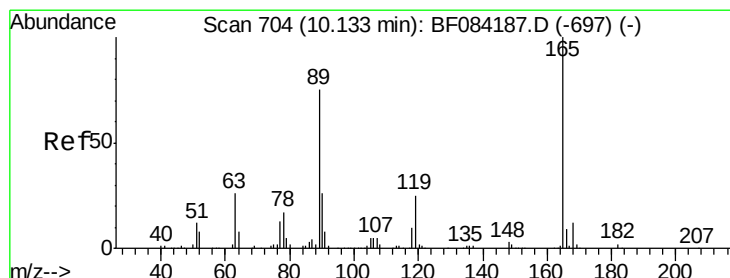
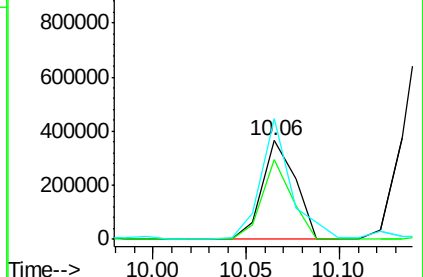
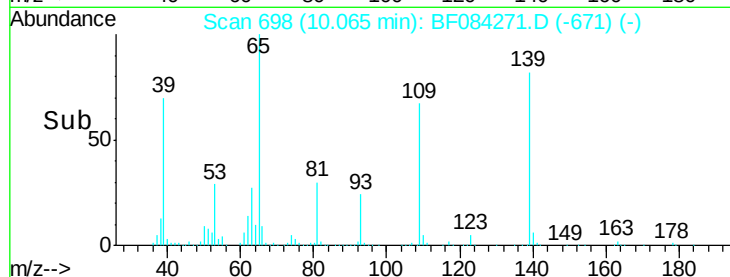
65 122.2 57.6 97.6#



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: 46.66 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Tgt Ion:165 Resp: 461242

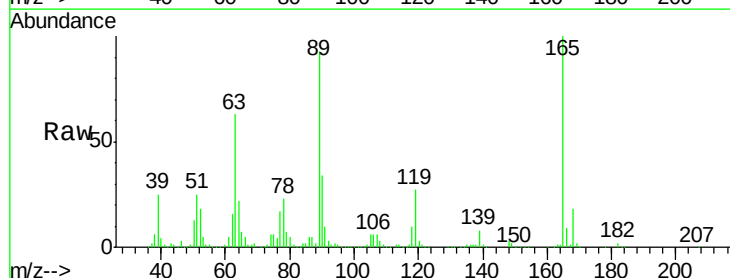
Ion Ratio Lower Upper

165 100

63 62.9 36.7 55.1#

89 92.7 61.9 92.9

182 2.1 2.0 3.0

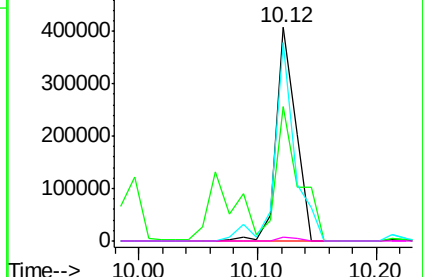
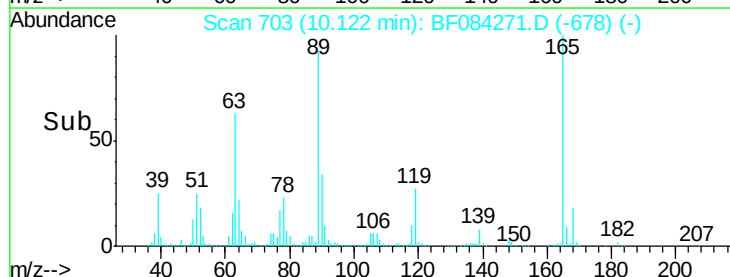


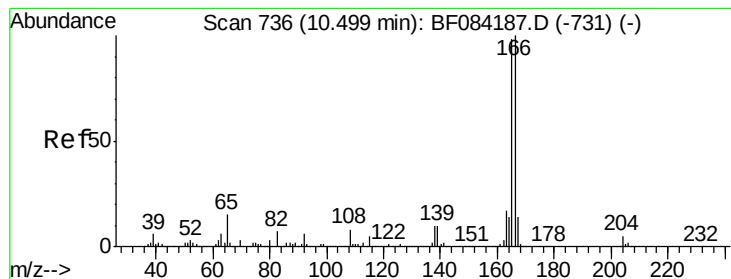
Abundance Ion 165.00 (164.70 to 165.70): E

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: 51.88 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

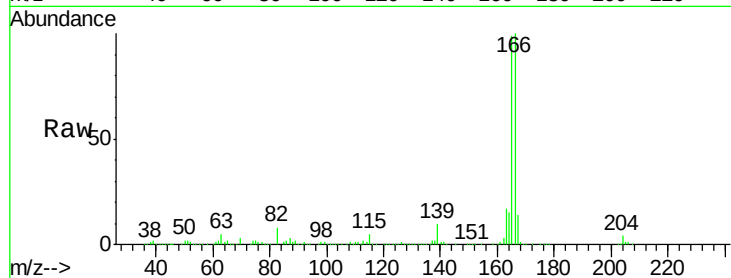
Tot Ion:166 Resp: 1590156

Ion Ratio Lower Upper

166 100

165 99.2 79.1 118.7

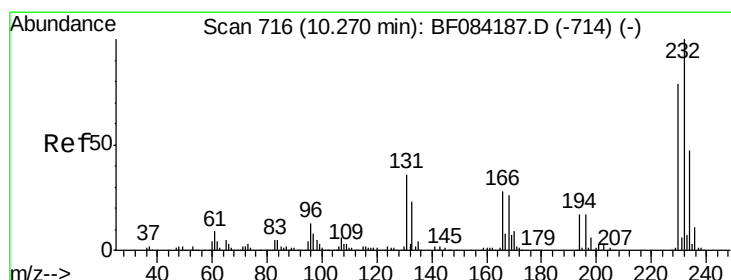
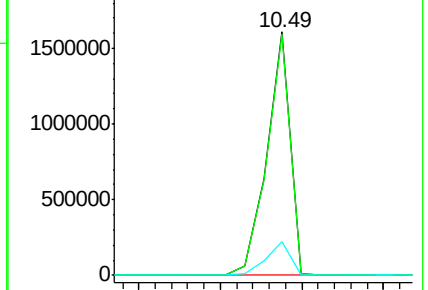
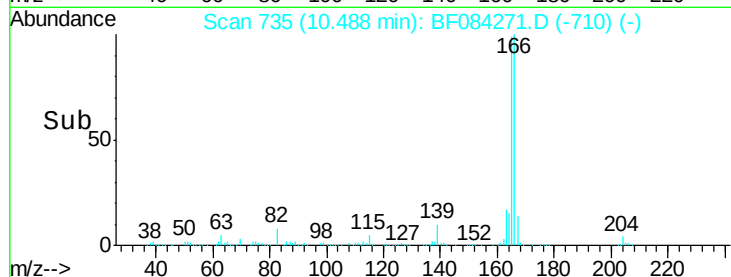
167 14.1 10.4 15.6



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: 41.12 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Tgt Ion:232 Resp: 360585

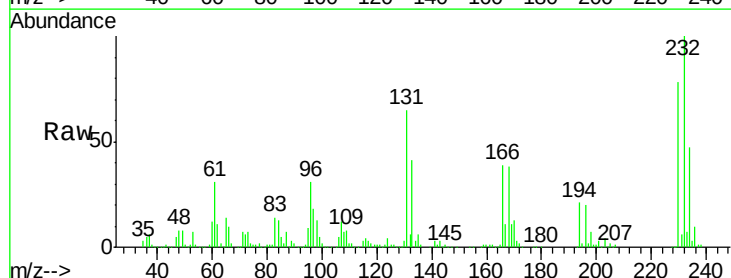
Ion Ratio Lower Upper

232 100

131 53.9 47.0 70.6

130 2.7 2.0 3.0

166 33.8 30.5 45.7

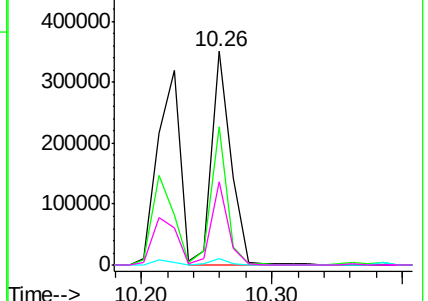
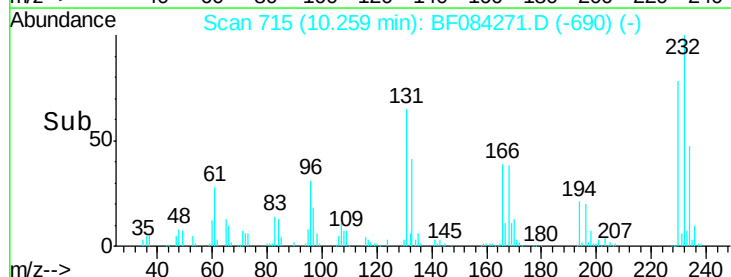


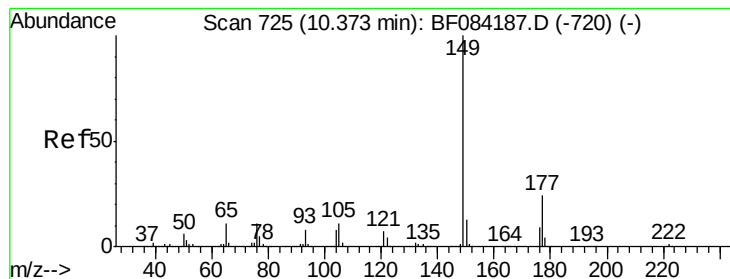
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.16 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

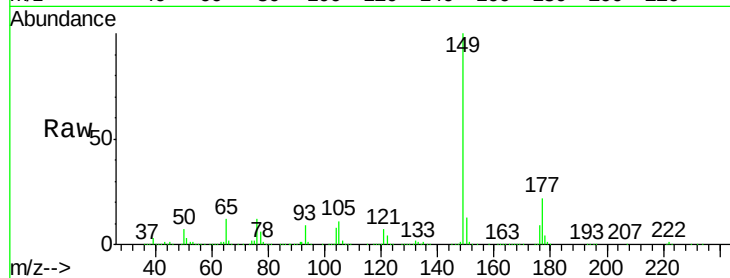
Tot Ion:149 Resp: 1585819

Ion Ratio Lower Upper

149 100

177 21.9 17.3 25.9

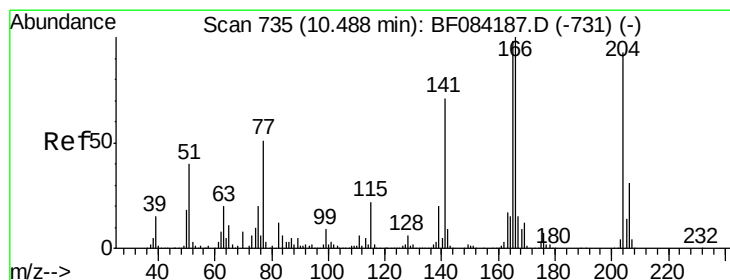
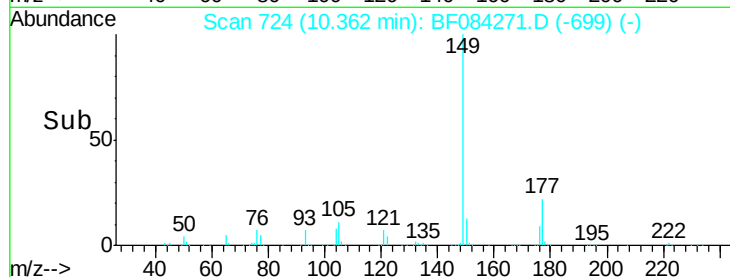
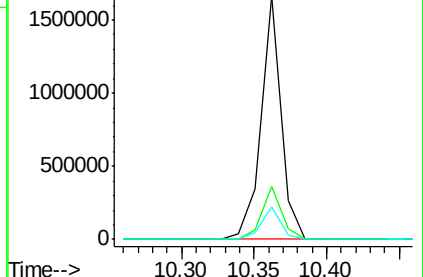
150 13.3 9.8 14.8



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: 52.75 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

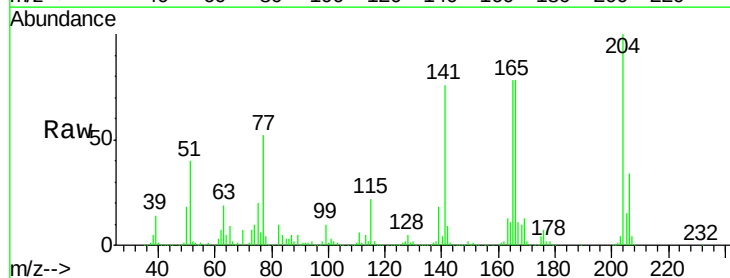
Tgt Ion:204 Resp: 669212

Ion Ratio Lower Upper

204 100

206 33.7 25.7 38.5

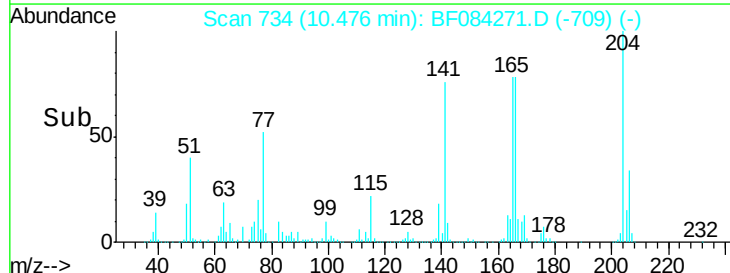
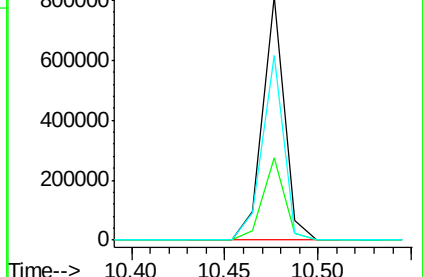
141 75.6 55.1 82.7

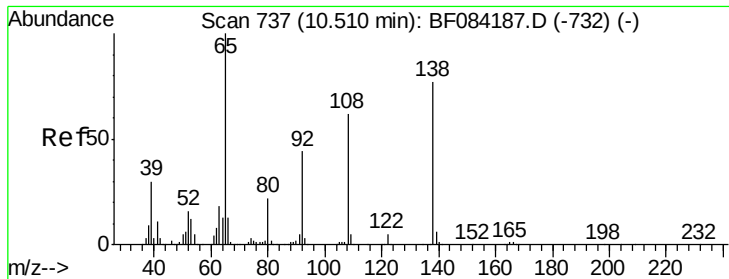


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

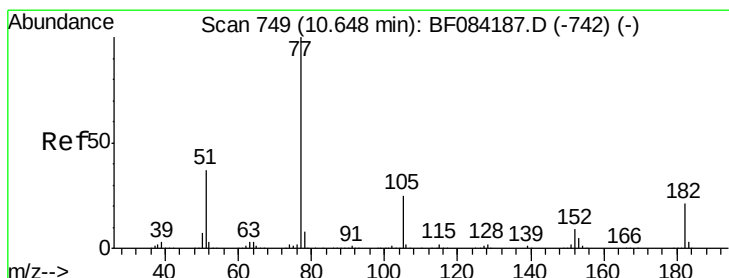
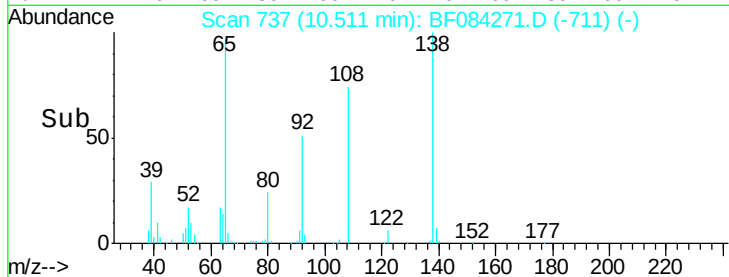
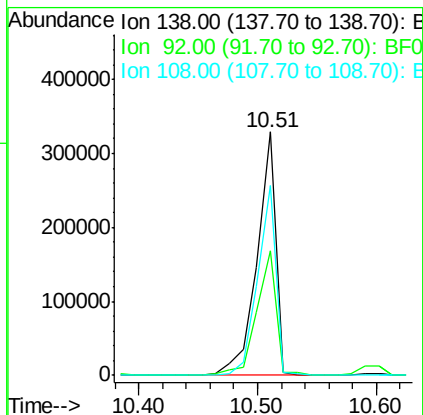
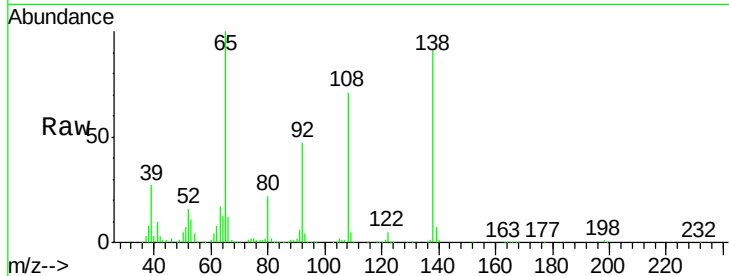




#61
4-Nitroaniline
Concen: 42.41 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

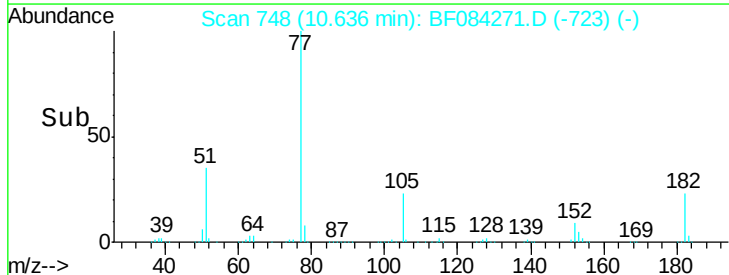
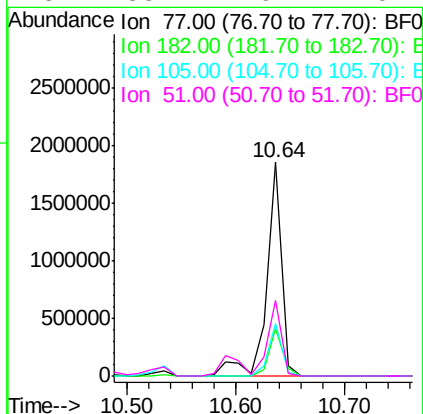
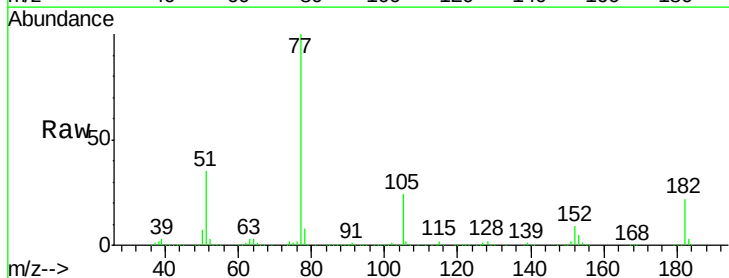
Instrument :
BNA_F
ClientSampleId :

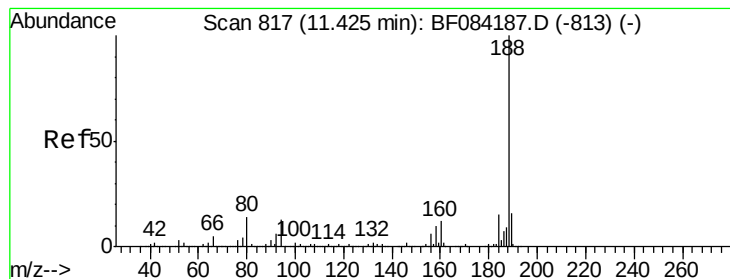
Tot Ion:138 Resp: 365909
Ion Ratio Lower Upper
138 100
92 51.1 32.6 72.6
108 78.2 68.6 108.6



#62
Azobenzene
Concen: 47.00 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 77 Resp: 1809949
Ion Ratio Lower Upper
77 100
182 22.2 8.3 48.3
105 24.5 4.6 44.6
51 35.4 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

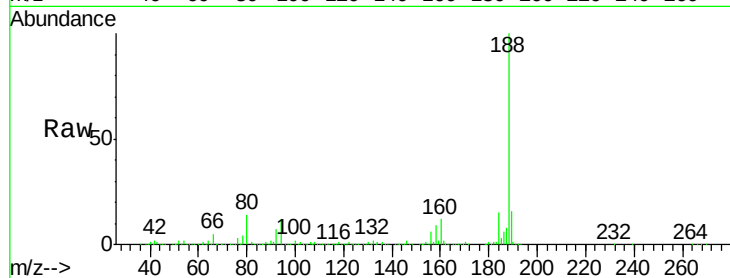
Tot Ion:188 Resp: 823380

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.4

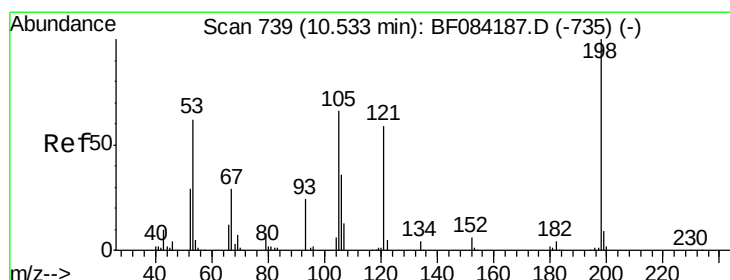
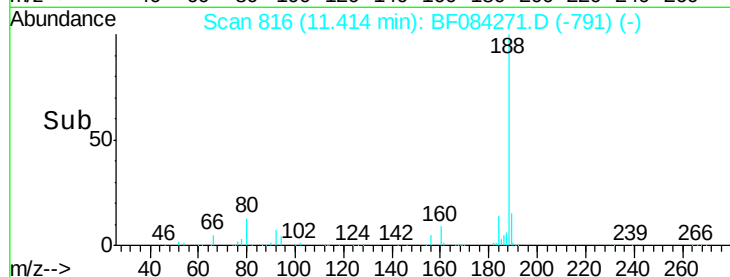
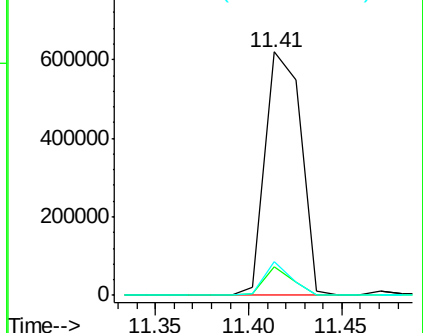
80 13.9 9.6 14.4



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: 35.28 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

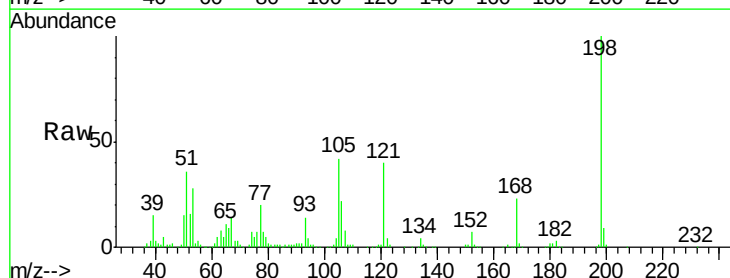
Tgt Ion:198 Resp: 176899

Ion Ratio Lower Upper

198 100

51 36.2 18.9 58.9

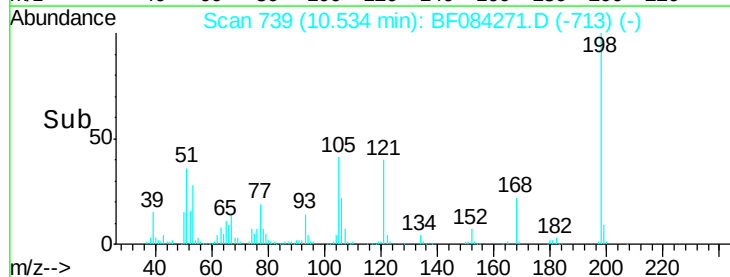
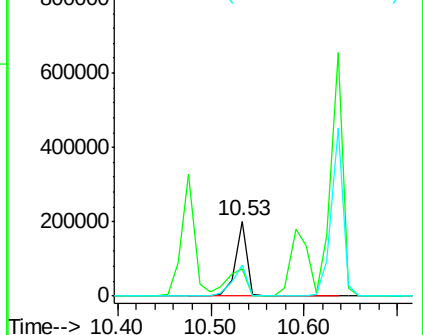
105 41.8 26.4 66.4

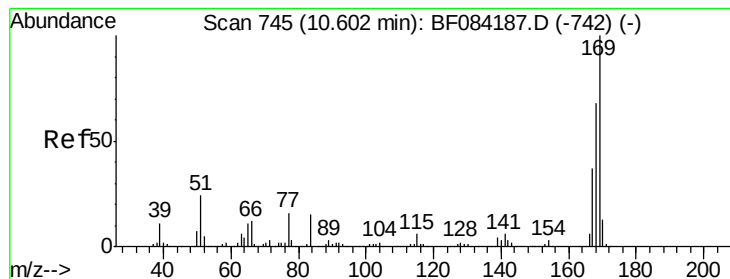


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.65 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

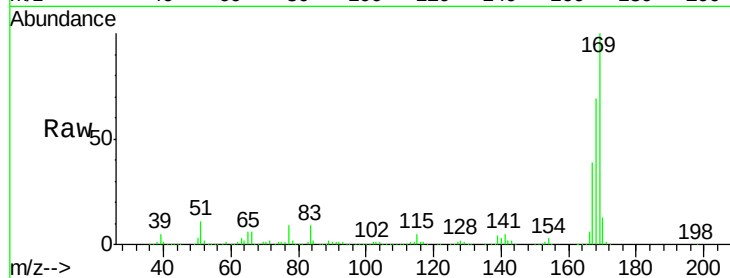
Tot Ion:169 Resp: 1386169

Ion Ratio Lower Upper

169 100

168 68.7 55.1 82.7

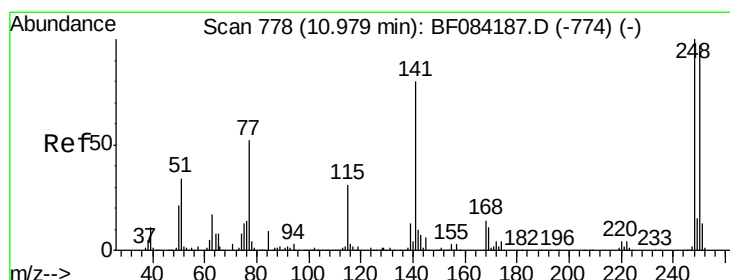
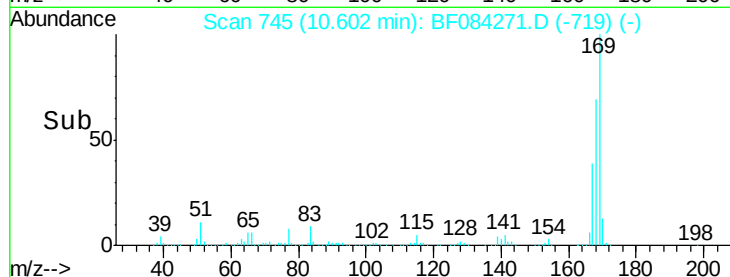
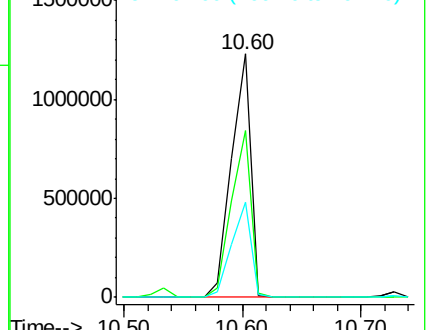
167 39.0 30.0 45.0



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: 52.82 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

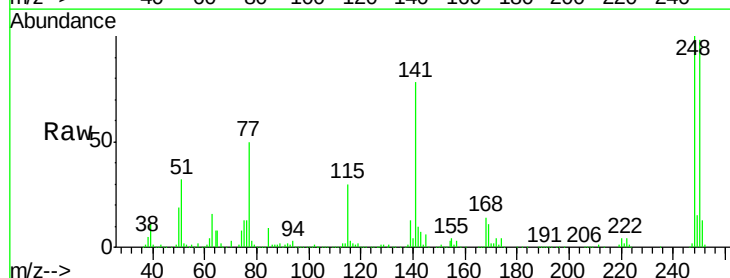
Tgt Ion:248 Resp: 468074

Ion Ratio Lower Upper

248 100

250 97.6 78.4 117.6

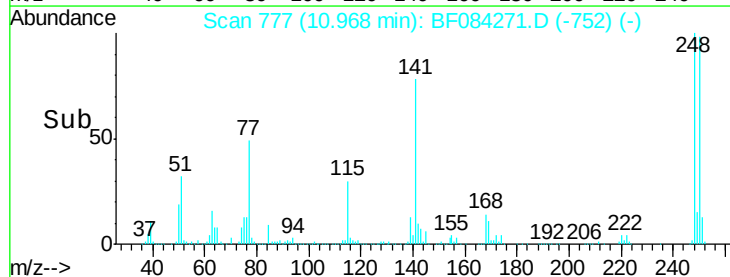
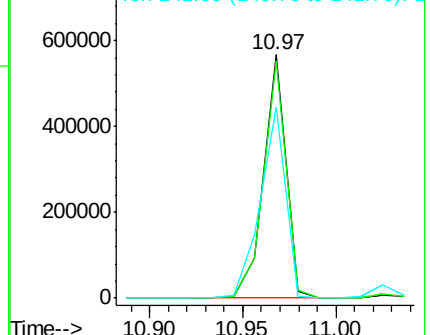
141 78.3 44.0 66.0#

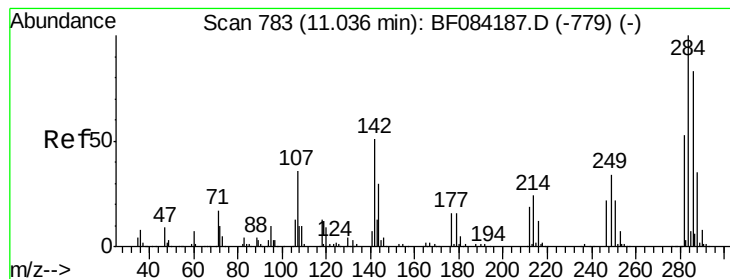


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.18 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

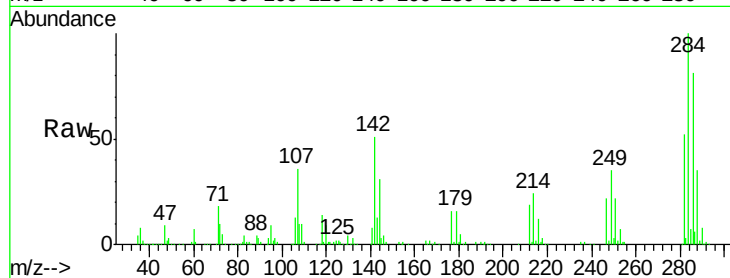
Tot Ion:284 Resp: 480571

Ion Ratio Lower Upper

284 100

142 51.2 22.2 33.4#

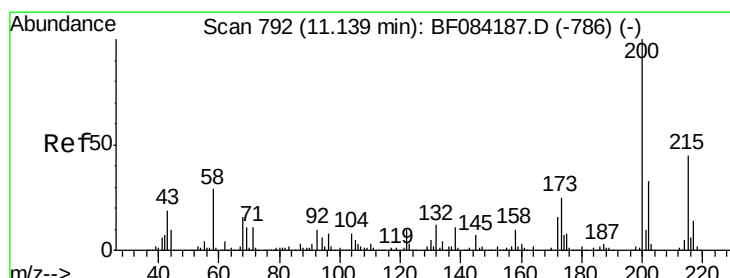
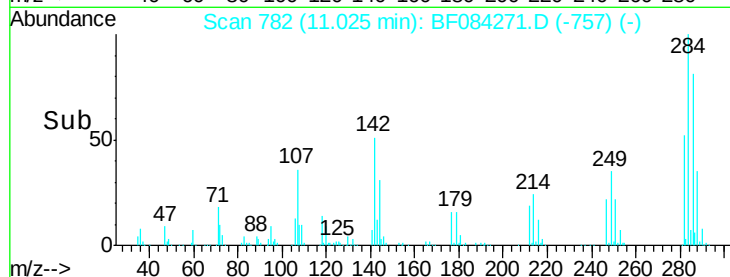
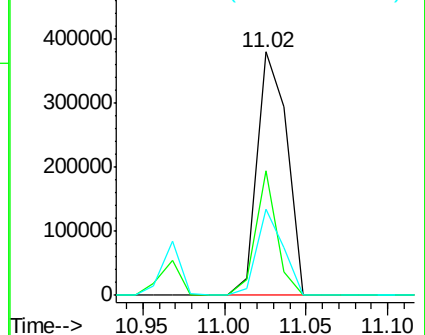
249 35.2 24.6 37.0



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: 46.77 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

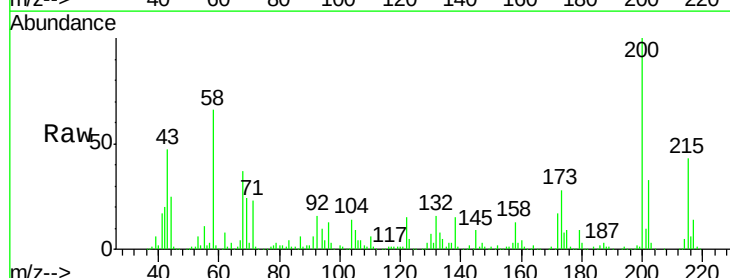
Tgt Ion:200 Resp: 402961

Ion Ratio Lower Upper

200 100

173 27.8 9.5 49.5

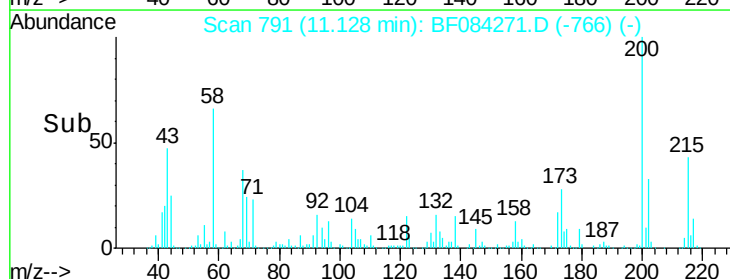
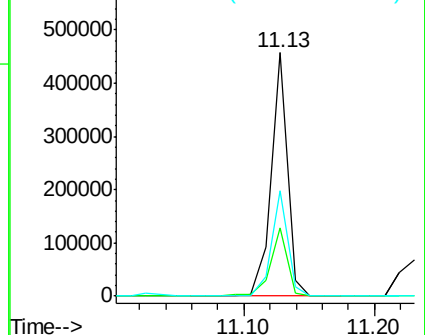
215 43.2 23.8 63.8

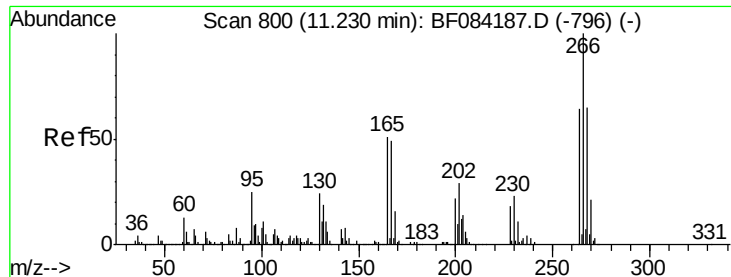


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

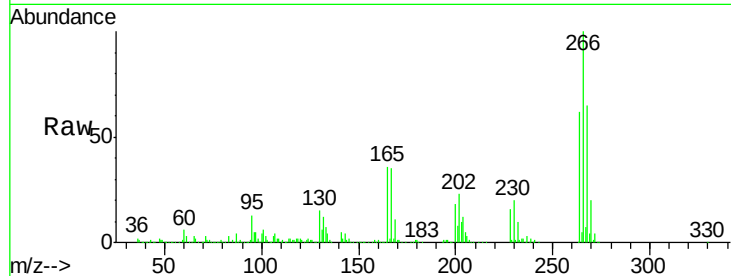




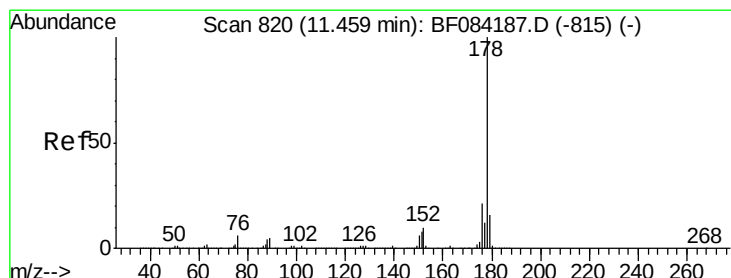
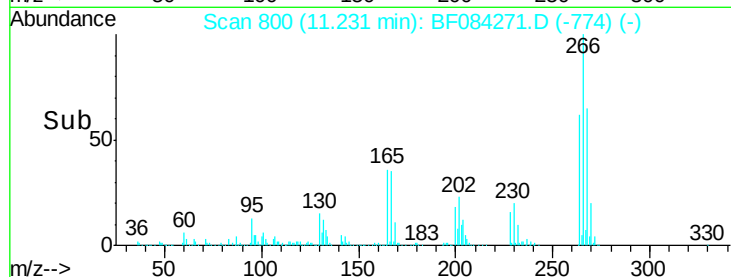
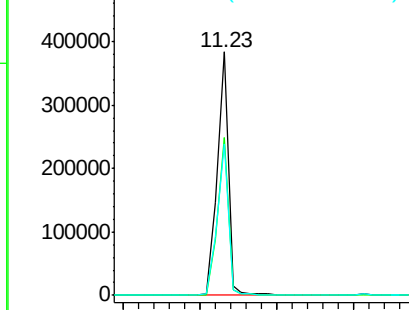
#69
 Pentachlorophenol
 Concen: 74.98 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 387794
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.4 78.6
 264 62.1 50.2 75.2

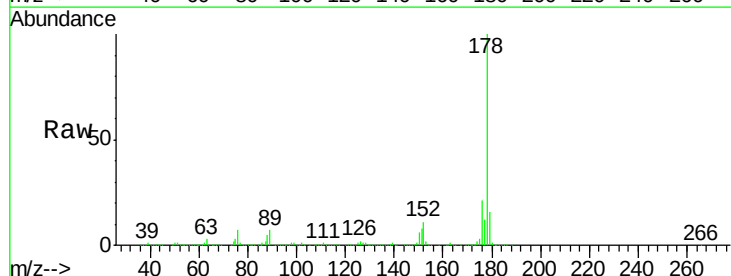


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

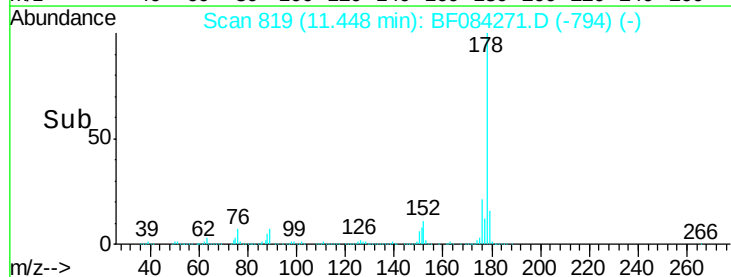
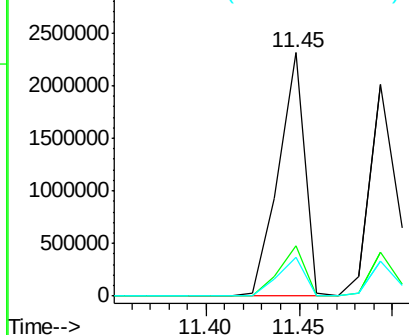


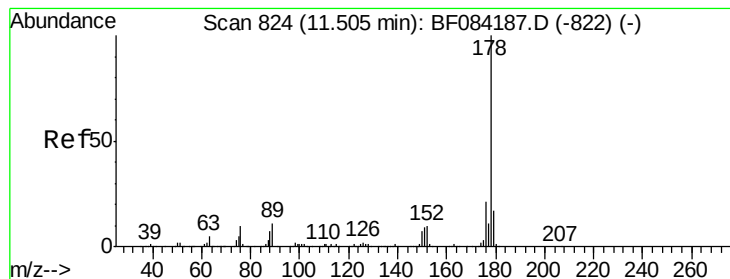
#70
 Phenanthrene
 Concen: 52.80 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

Tgt Ion:178 Resp: 2273876
 Ion Ratio Lower Upper
 178 100
 176 20.8 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: 46.53 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

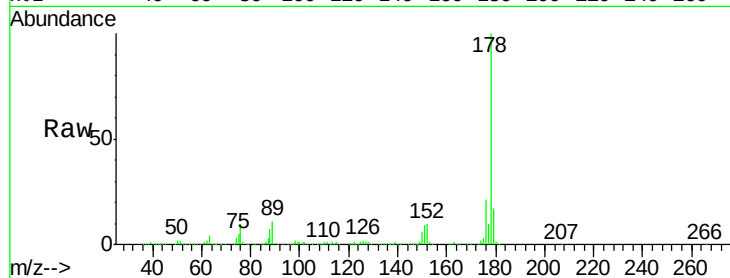
Tot Ion:178 Resp: 1964419

Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.0

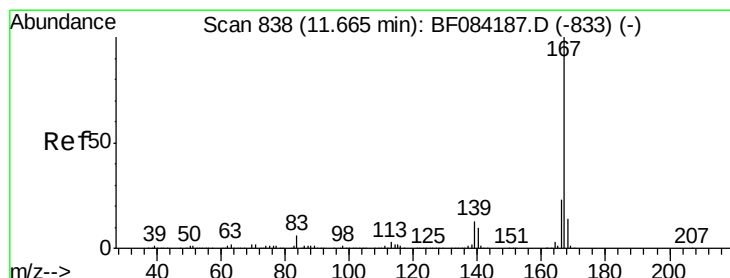
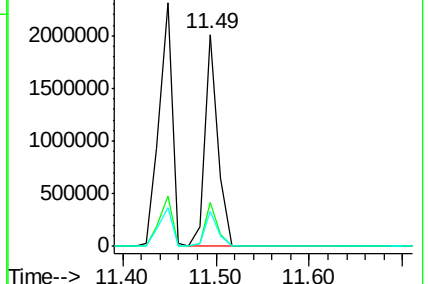
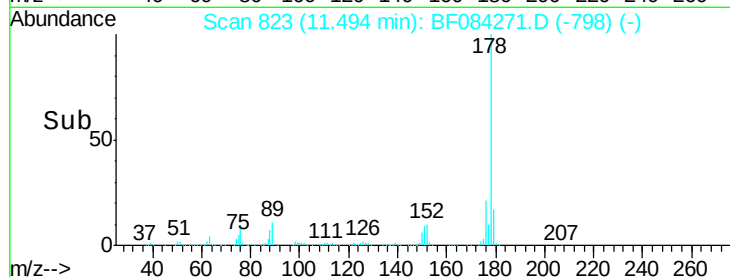
179 16.7 12.5 18.7



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: 42.27 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

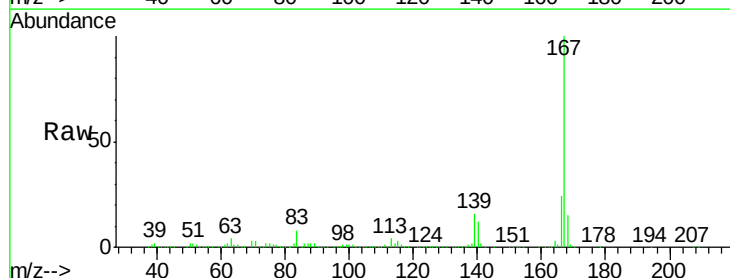
Tgt Ion:167 Resp: 1744562

Ion Ratio Lower Upper

167 100

166 23.7 17.6 26.4

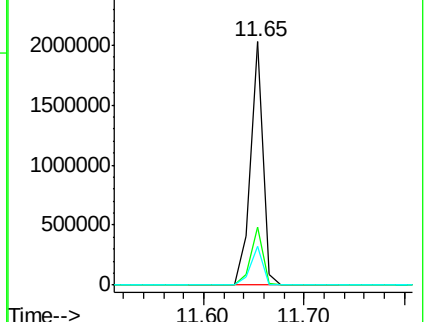
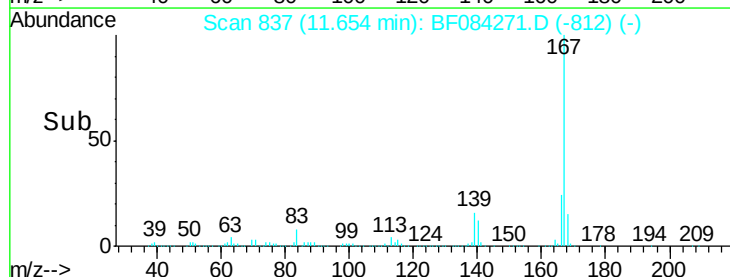
139 15.8 11.8 17.8

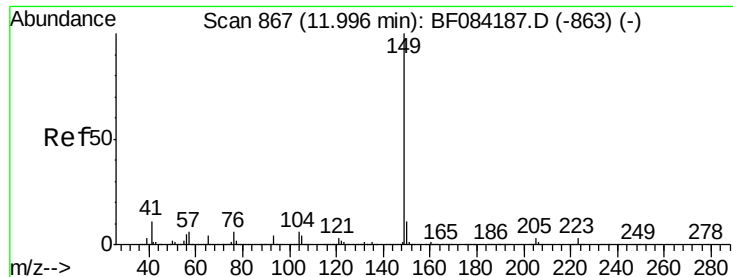


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.02 ng

RT: 11.99 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

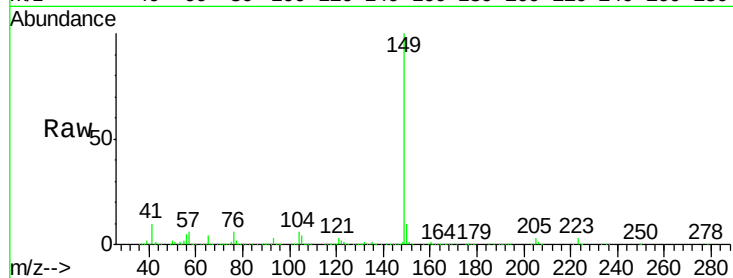
Tot Ion:149 Resp: 2254760

Ion Ratio Lower Upper

149 100

150 10.5 7.1 10.7

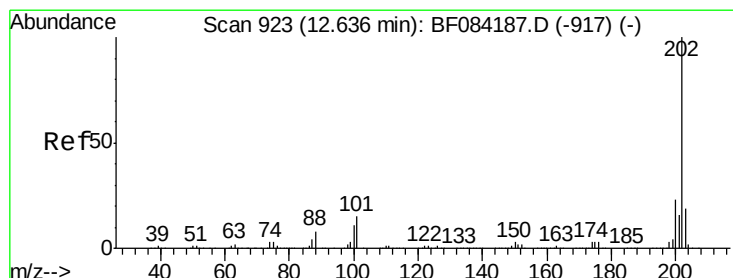
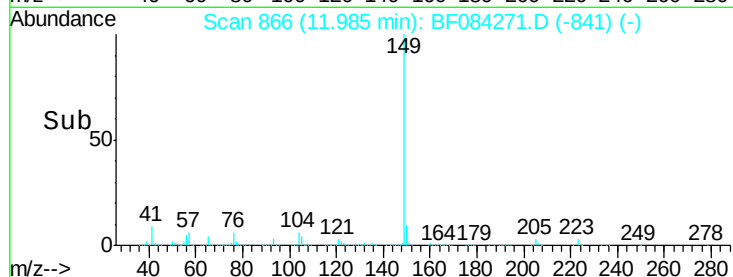
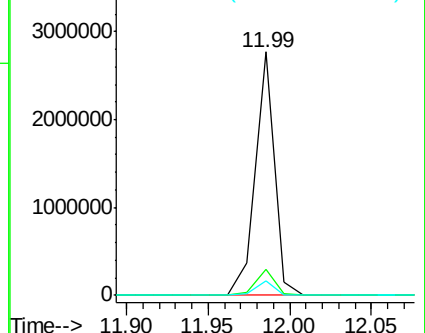
104 6.1 3.2 4.8#



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: 42.94 ng

RT: 12.63 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

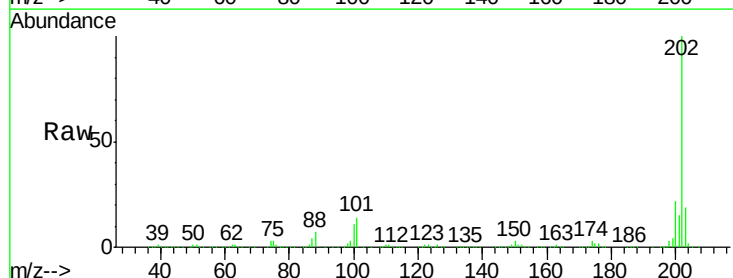
Tgt Ion:202 Resp: 1932056

Ion Ratio Lower Upper

202 100

101 14.1 0.0 32.8

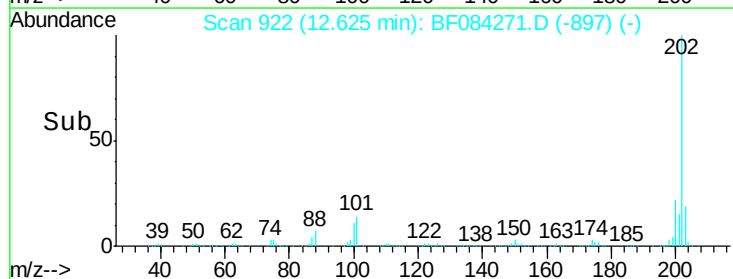
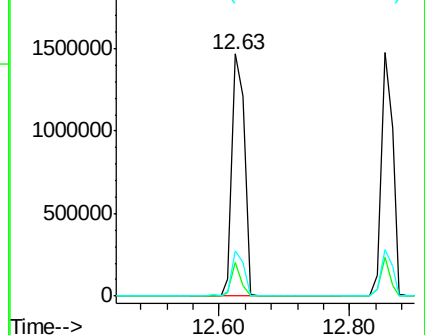
203 18.9 0.0 37.9

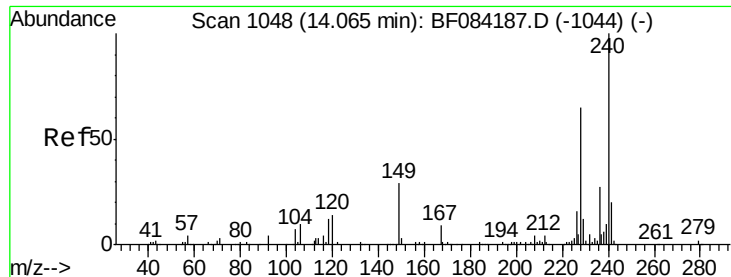


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

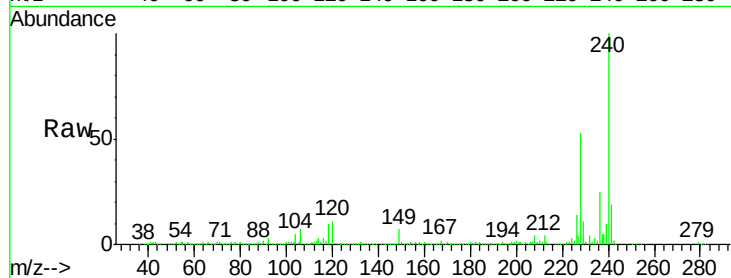
Tot Ion:240 Resp: 526682

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

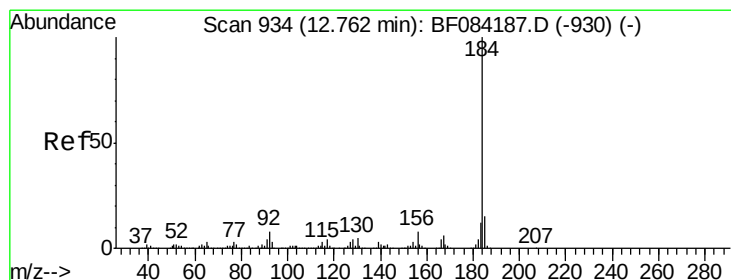
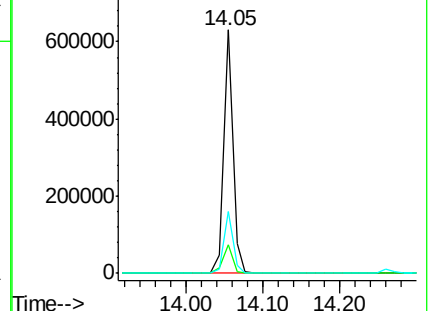
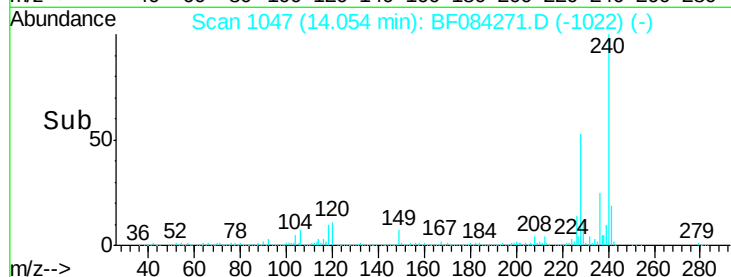
236 25.4 20.6 31.0



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: 24.45 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

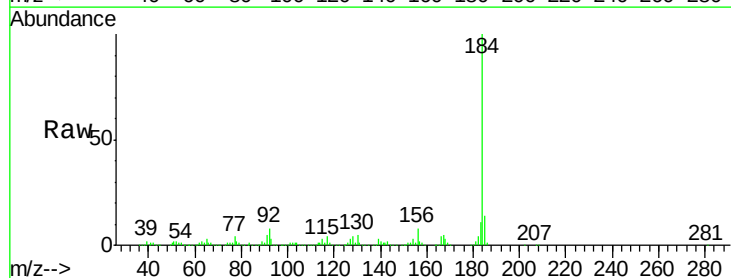
Tgt Ion:184 Resp: 461652

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

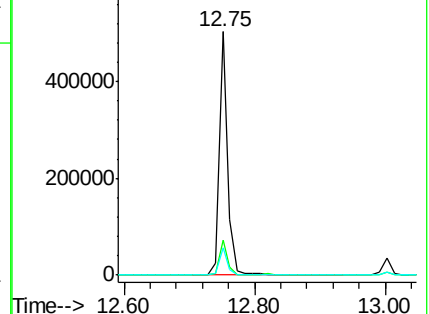
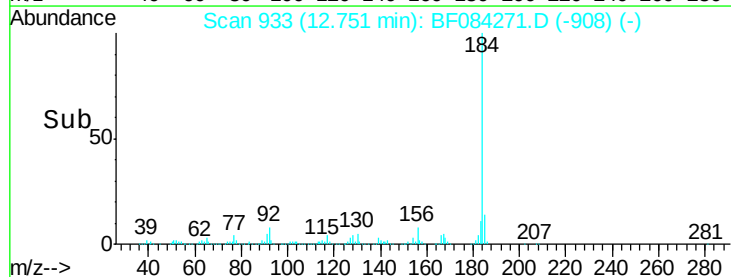
183 11.4 9.8 14.8

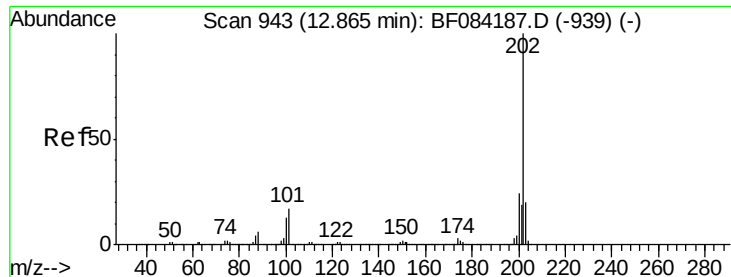


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.81 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

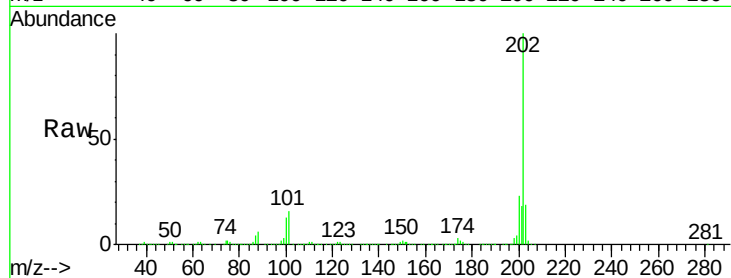
Tot Ion:202 Resp: 1810612

Ion Ratio Lower Upper

202 100

200 22.7 17.2 25.8

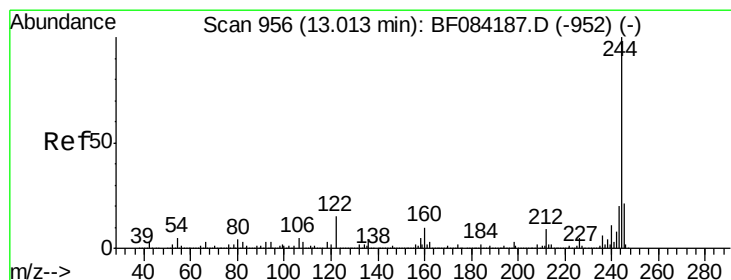
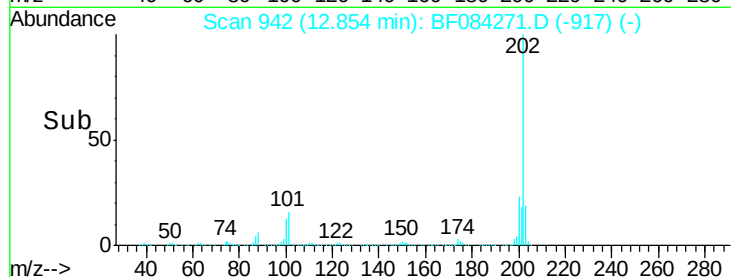
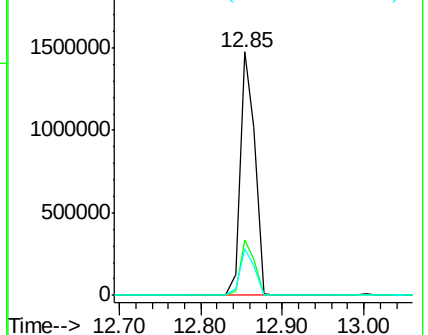
203 18.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.79 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

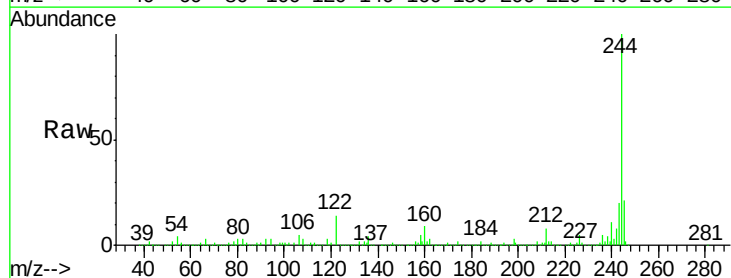
Tgt Ion:244 Resp: 2024234

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

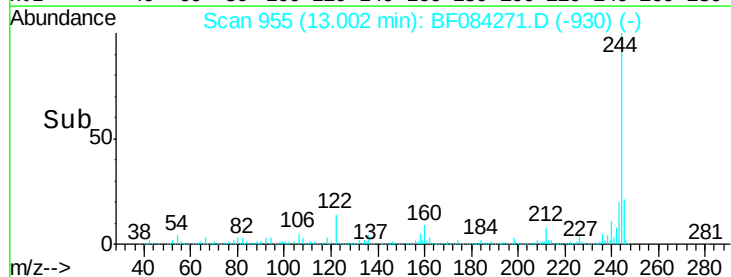
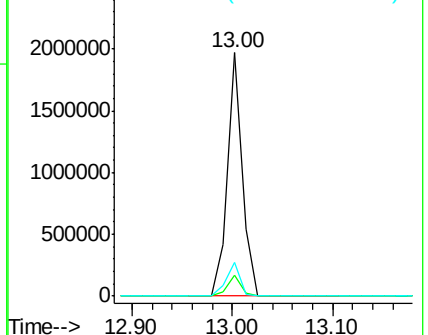
122 14.1 7.4 11.0#

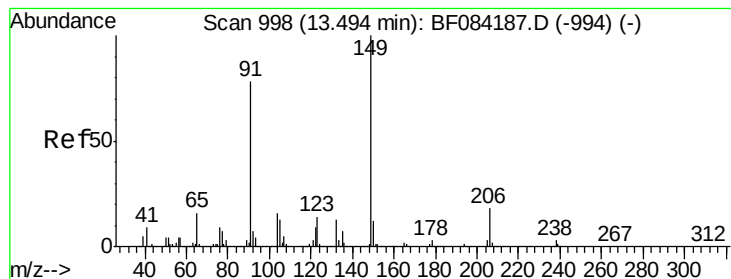


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.36 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

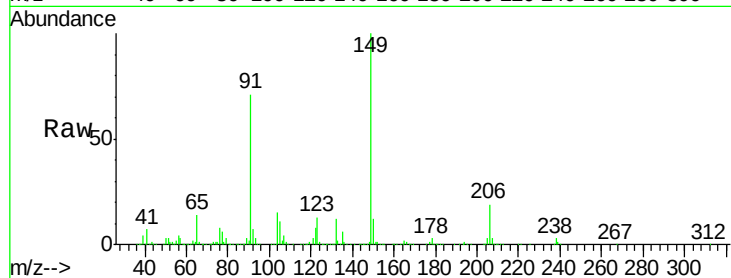
Tot Ion:149 Resp: 847038

Ion Ratio Lower Upper

149 100

91 71.5 57.6 86.4

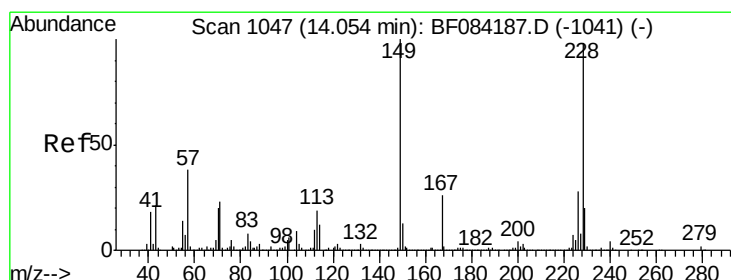
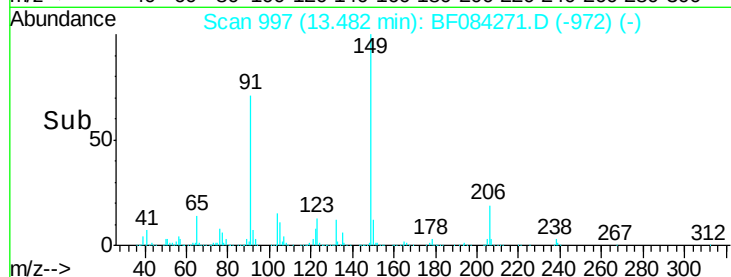
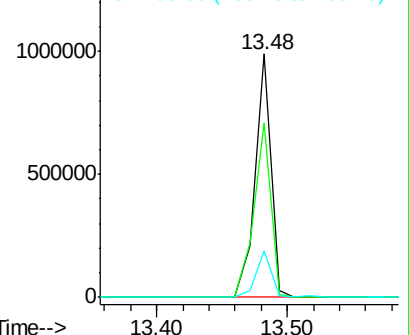
206 19.1 13.2 19.8



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: 43.45 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

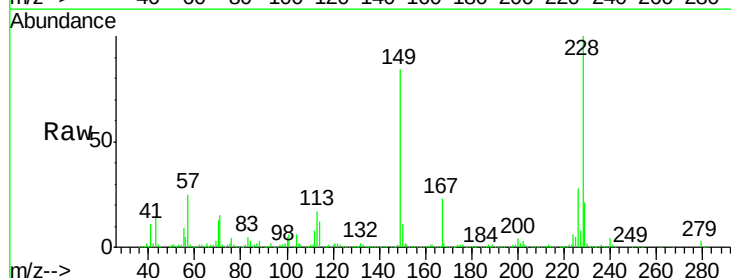
Tgt Ion:228 Resp: 1343558

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.6

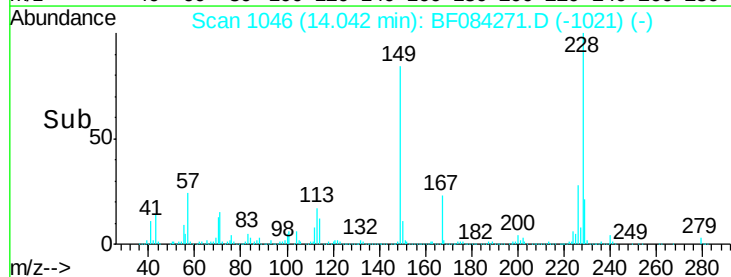
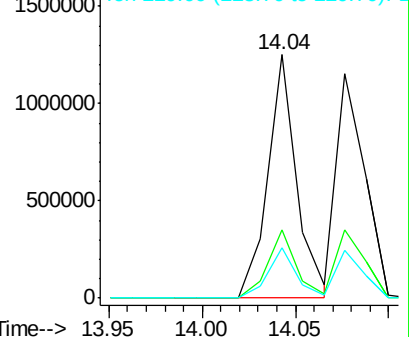
229 20.9 15.8 23.8

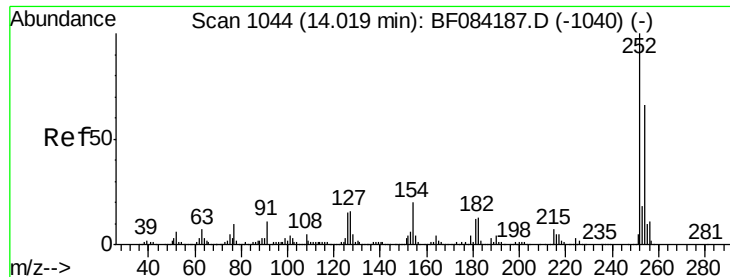


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

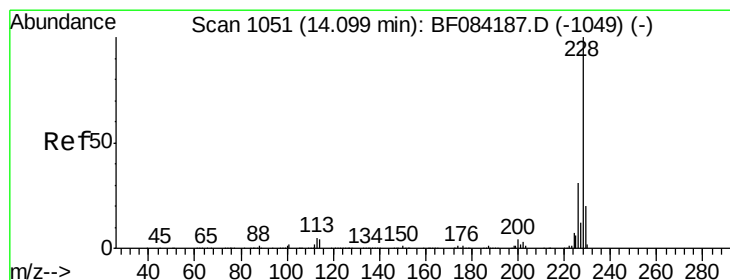
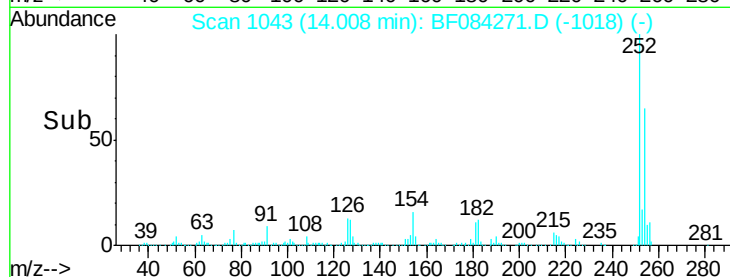
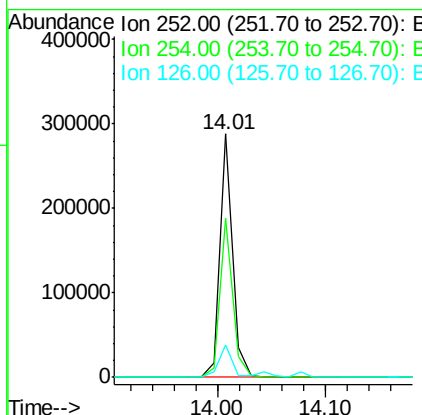
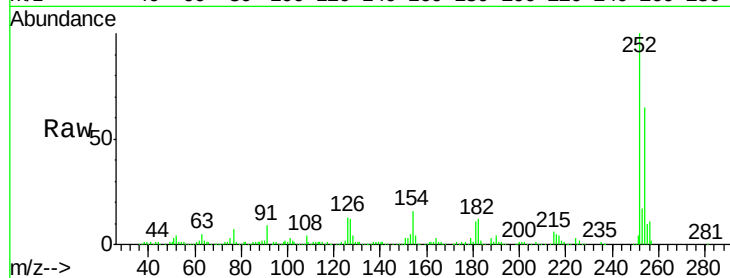




#81
 3,3'-Dichlorobenzidine
 Concen: 22.06 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

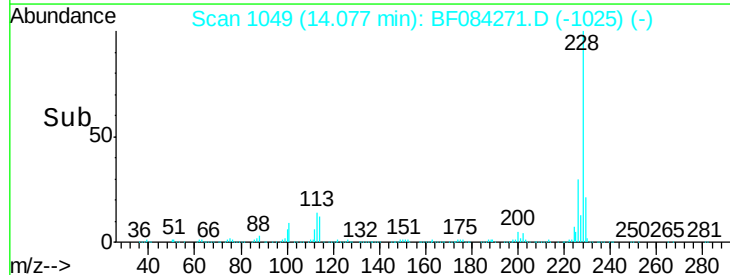
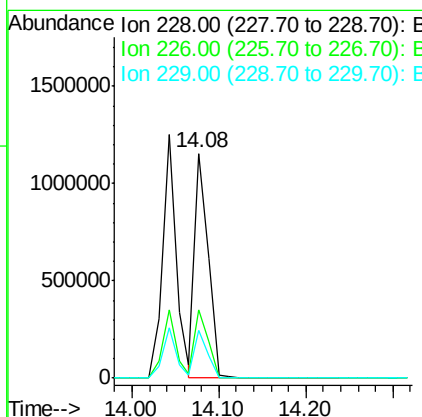
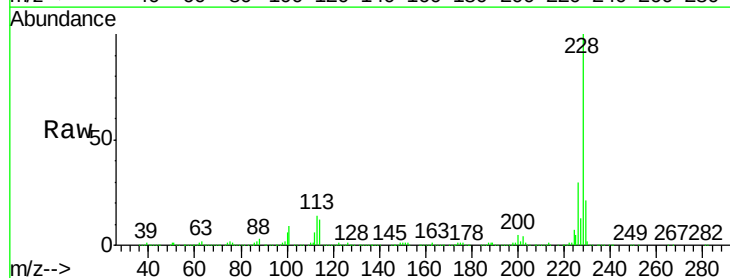
Instrument :
 BNA_F
 ClientSampleId :

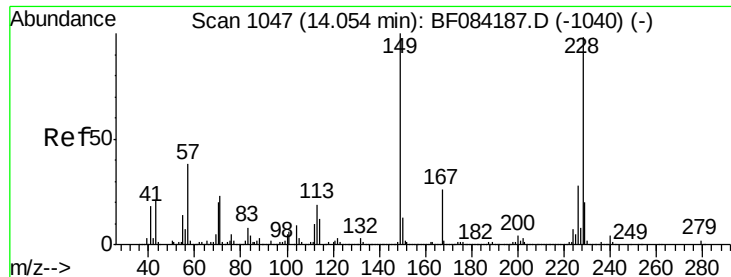
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.5	80.3
126	13.1	4.9	7.3#



#82
 Chrysene
 Concen: 41.63 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	21.0	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.79 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

Instrument :

BNA_F

ClientSampleId :

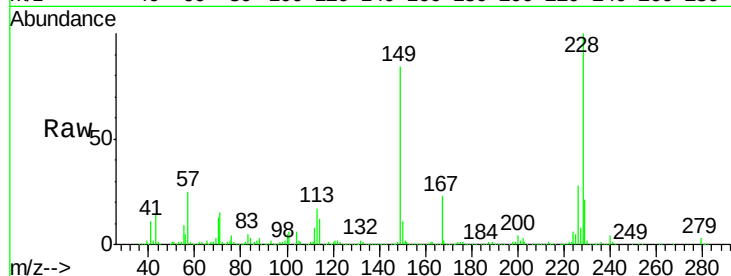
Tot Ion:149 Resp: 944266

Ion Ratio Lower Upper

149 100

167 27.1 19.7 29.5

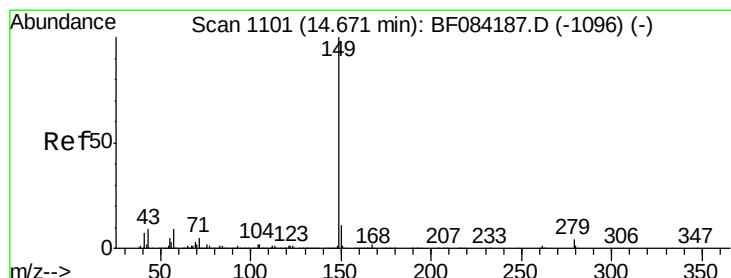
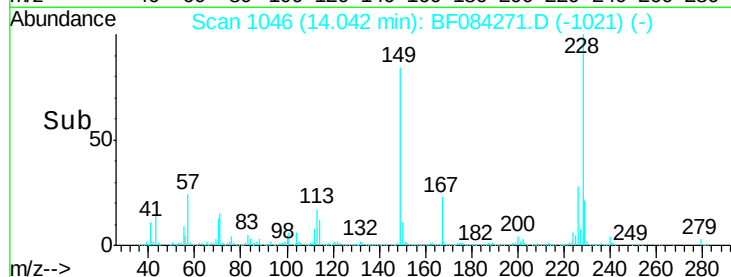
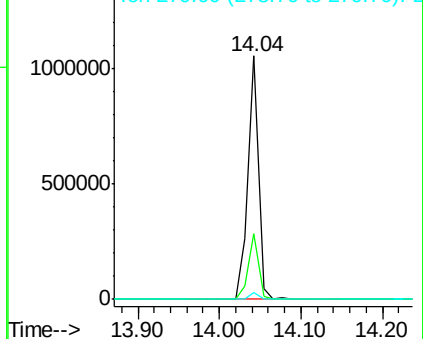
279 3.0 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.29 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF084271.D

Acq: 5 Jan 2016 7:49

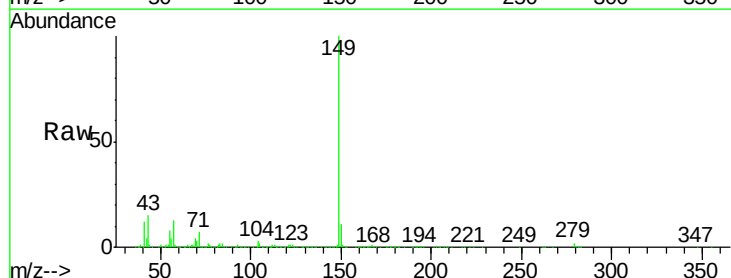
Tgt Ion:149 Resp: 1536904

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

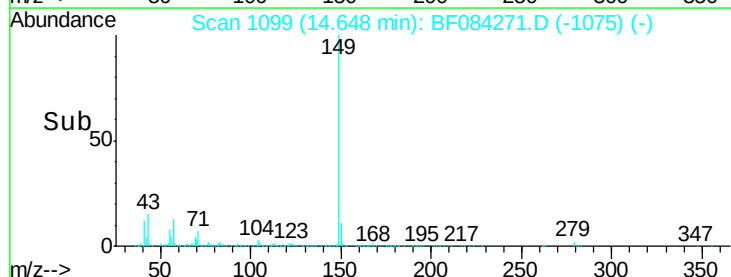
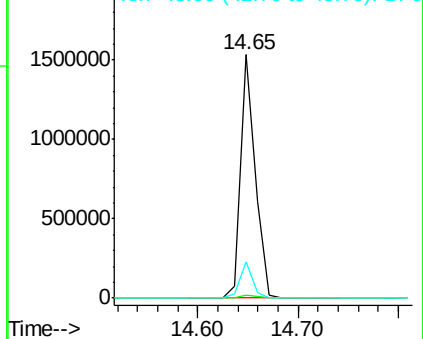
43 12.6 5.6 8.4#

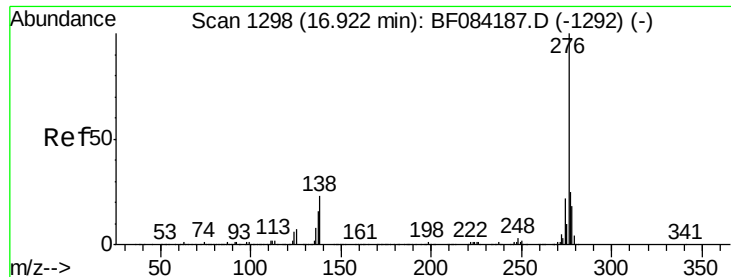


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

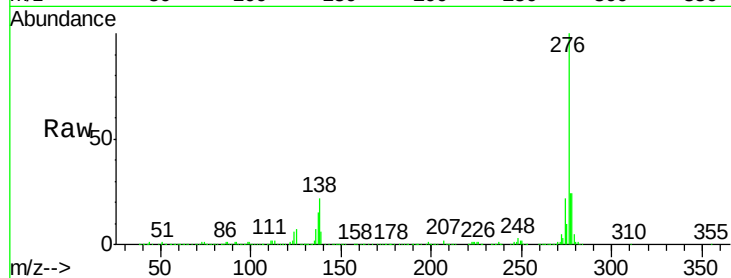




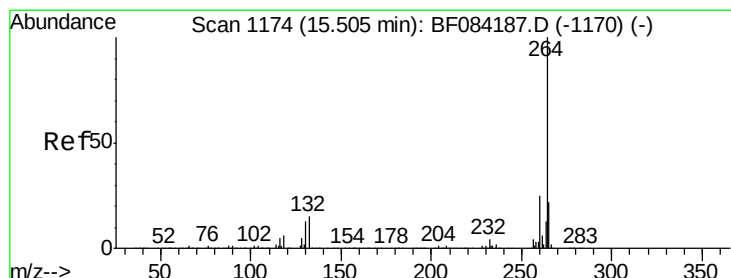
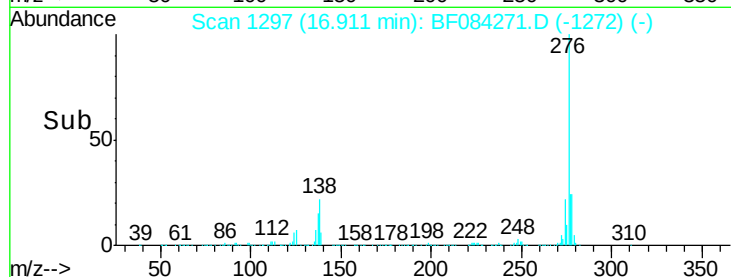
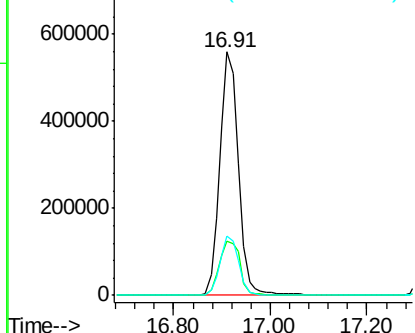
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 64.22 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1512694
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.6 30.8
 277 24.7 20.1 30.1

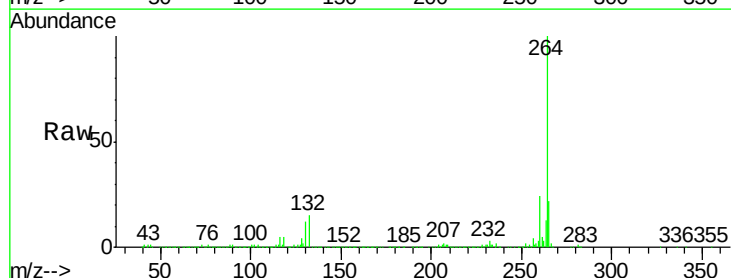


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

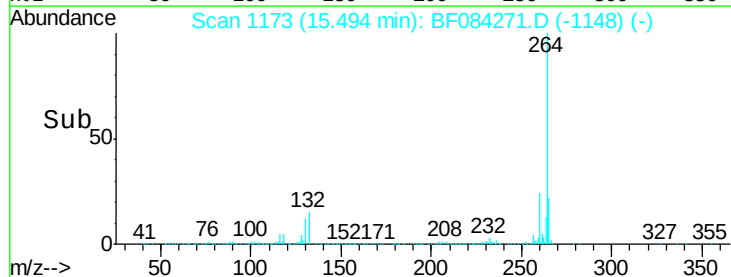
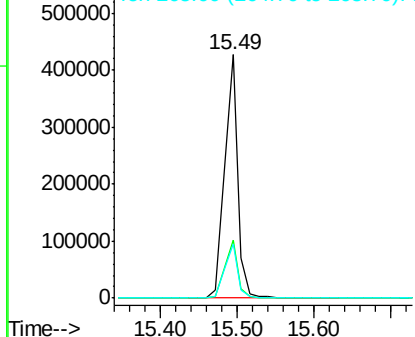


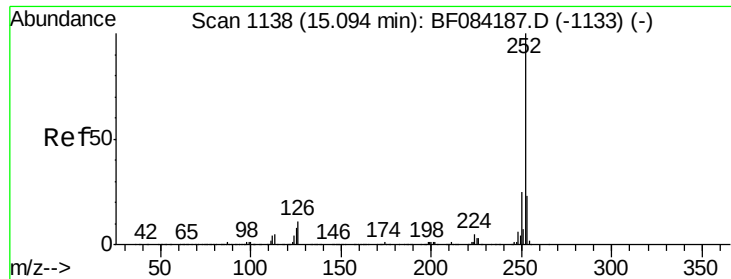
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

Tgt Ion:264 Resp: 518006
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.3 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

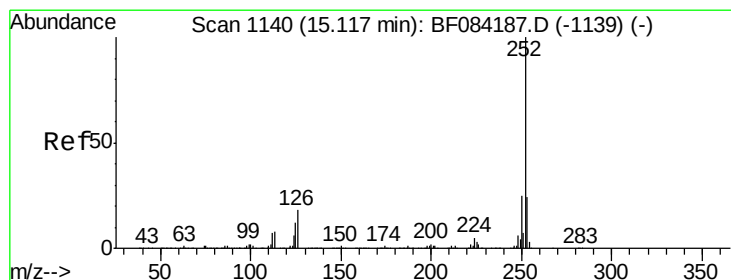
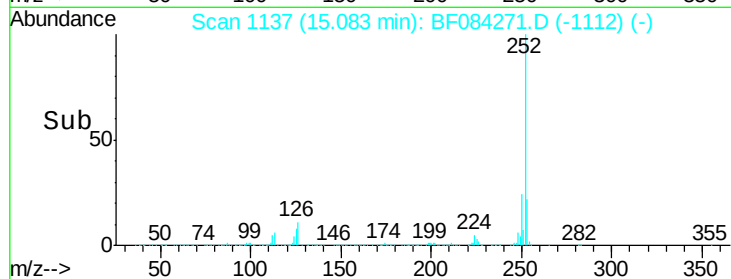
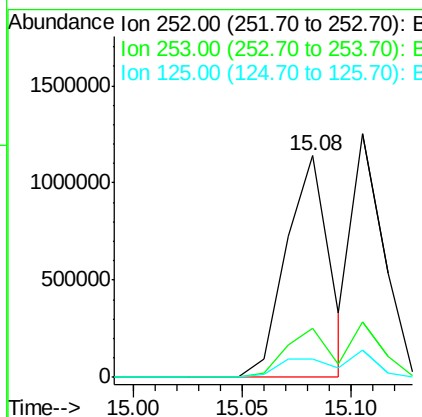
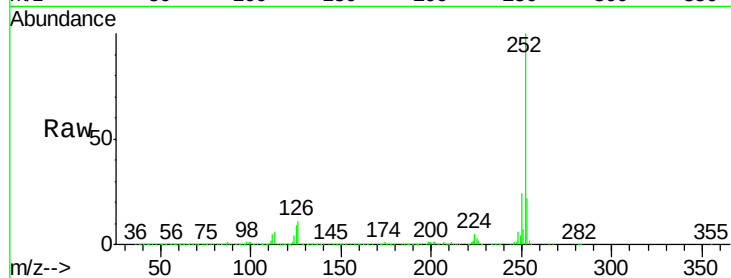




#87
Benzo(b)fluoranthene
Concen: 46.39 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

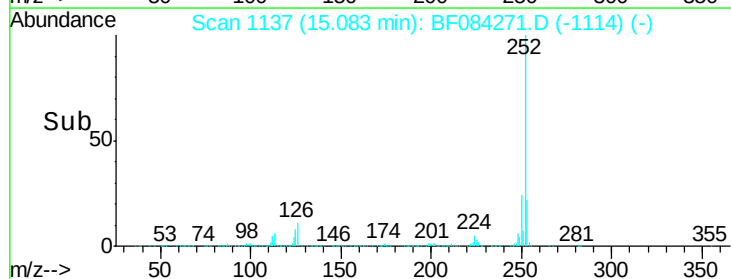
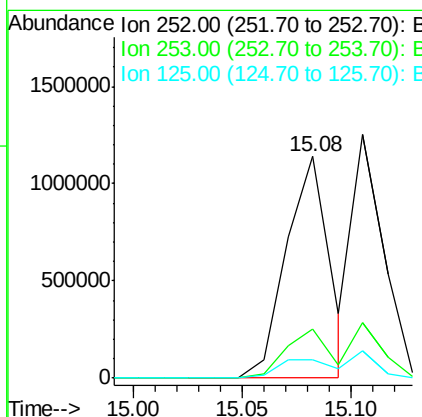
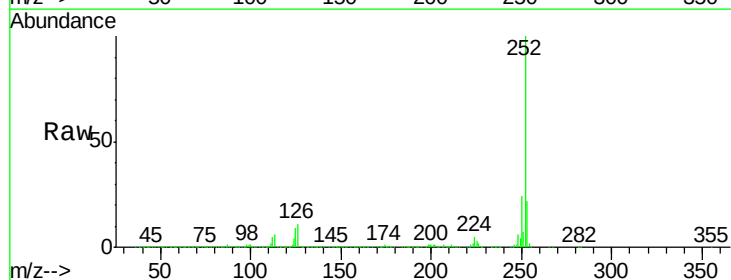
Instrument :
BNA_F
ClientSampleId :

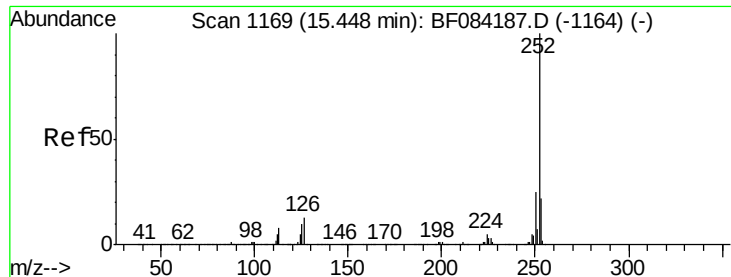
Tot Ion:252 Resp: 1572042
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 8.5 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 56.73 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:252 Resp: 1572042
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 8.5 9.0 13.6#

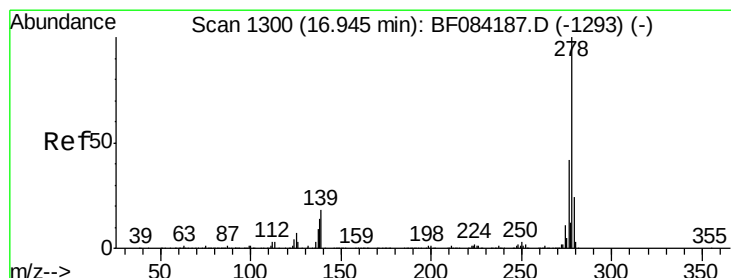
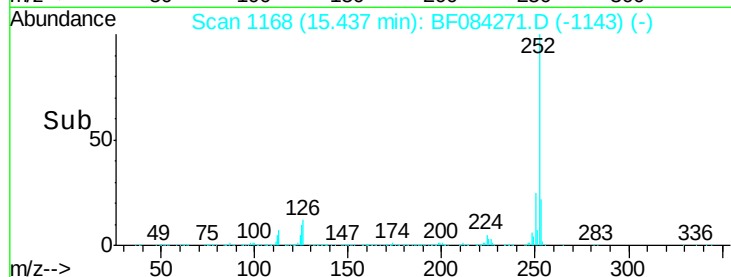
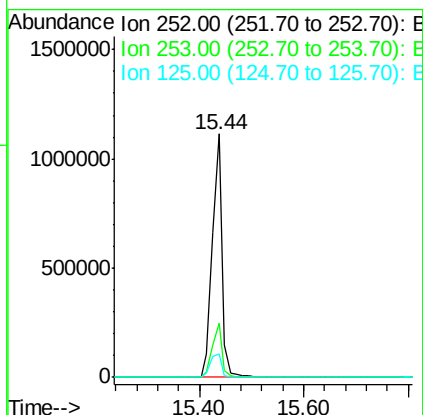
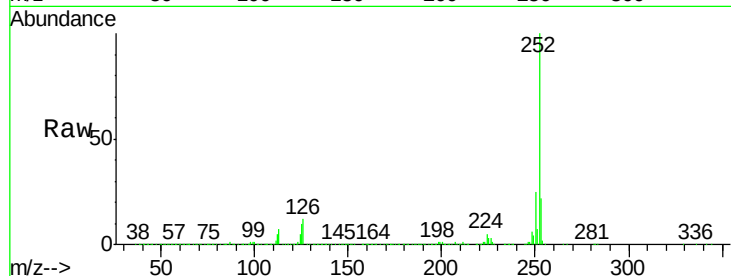




#89
Benzo(a)pyrene
Concen: 50.15 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

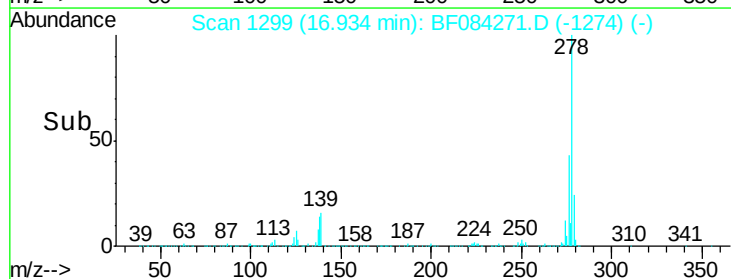
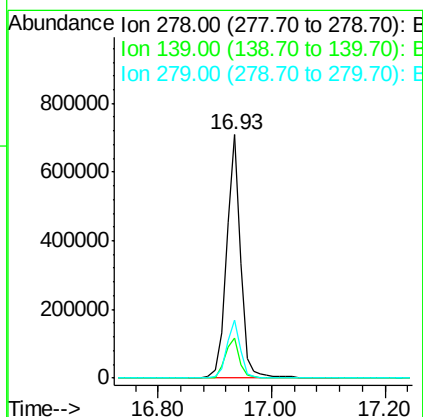
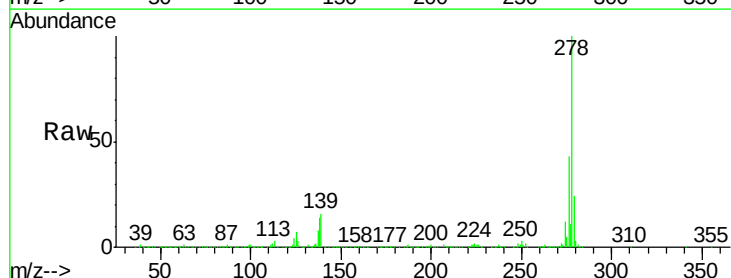
Instrument :
BNA_F
ClientSampled :

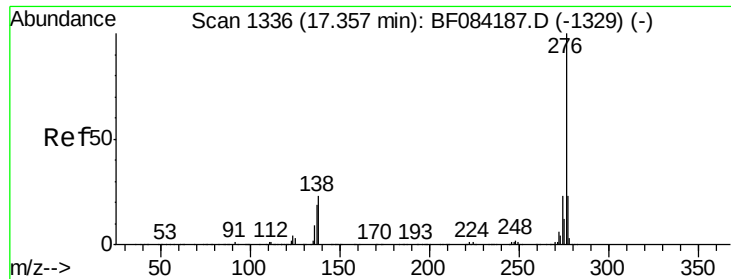
Tot Ion:252 Resp: 1441325
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.7 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 49.57 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:278 Resp: 1226048
Ion Ratio Lower Upper
278 100
139 16.3 15.0 22.4
279 23.8 18.9 28.3

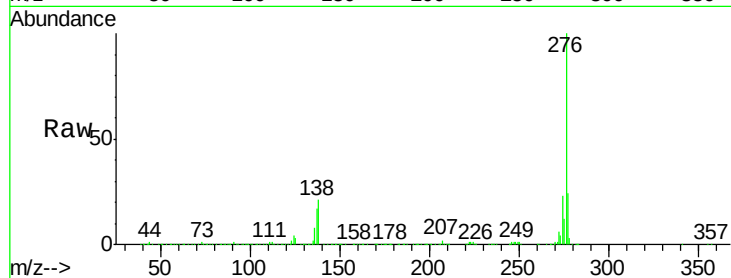




#91
 Benzo(a,h,i)perylene
 Concen: 46.69 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF084271.D
 Acq: 5 Jan 2016 7:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1195746
 Ion Ratio Lower Upper
 276 100
 277 24.5 18.8 28.2
 138 20.7 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

