

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084430.D
 Acq On : 13 Jan 2016 1:02
 Operator : SJ/UM
 Sample : G4988-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

Quant Time: Jan 13 02:21:43 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	6.84	152	253371	20.00	ng	-0.06
21) Naphthalene-d8	8.13	136	999578	20.00	ng	-0.06
38) Acenaphthene-d10	9.88	164	440255	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	792794	20.00	ng	-0.06
75) Chrysene-d12	14.01	240	485045	20.00	ng	-0.06
86) Perylene-d12	15.43	264	437158	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1227379	78.35	ng	-0.03
7) Phenol-d6	6.49	99	1209679	61.49	ng	-0.05
23) Nitrobenzene-d5	7.41	82	1664736	92.69	ng	-0.06
41) 2,4,6-Tribromophenol	10.68	330	514776	115.82	ng	-0.06
44) 2-Fluorobiphenyl	9.21	172	2298672	92.40	ng	-0.06
78) Terphenyl-d14	12.96	244	1918451	88.29	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	210306	28.34	ng	# 76
3) Pyridine	3.20	79	518718	25.07	ng	# 79
4) n-Nitrosodimethylamine	3.13	42	265650	25.01	ng	90
6) Aniline	6.50	93	865108	30.06	ng	# 73
8) 2-Chlorophenol	6.64	128	636326	35.80	ng	90
9) Benzaldehyde	6.38	77	202580	15.81	ng	97
10) Phenol	6.50	94	545848	24.40	ng	# 72
11) bis(2-Chloroethyl)ether	6.58	93	777370	44.86	ng	83
12) 1,3-Dichlorobenzene	6.78	146	833234	45.45	ng	99
13) 1,4-Dichlorobenzene	6.78	146	833234	45.32	ng	94
14) 1,2-Dichlorobenzene	7.01	146	745490	42.34	ng	98
15) Benzyl Alcohol	6.99	79	588333	35.55	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1360022	43.10	ng	86
17) 2-Methylphenol	7.10	107	482443	32.39	ng	95
18) Hexachloroethane	7.36	117	344998	46.93	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	615069	46.18	ng	# 78
20) 3+4-Methylphenols	7.26	107	547703	31.28	ng	# 79
22) Acetophenone	7.25	105	1114667	46.37	ng	98
24) Nitrobenzene	7.42	77	887134	48.70	ng	92
25) Isophorone	7.68	82	1667223	48.54	ng	94
26) 2-Nitrophenol	7.74	139	345648	41.69	ng	# 83
27) 2,4-Dimethylphenol	7.79	122	617572	36.80	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	1067190	50.86	ng	98
29) 2,4-Dichlorophenol	8.00	162	594383	42.52	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	712291	49.36	ng	96
31) Naphthalene	8.16	128	7149303	157.64	ng	# 90
32) Benzoic acid	7.79	122	617572	56.01	ng	# 18
33) 4-Chloroaniline	8.20	127	774866	37.27	ng	99
34) Hexachlorobutadiene	8.27	225	369443	44.54	ng	98
35) Caprolactam	8.57	113	59536	12.63	ng	# 62
36) 4-Chloro-3-methylphenol	8.69	107	613712	39.20	ng	90
37) 2-Methylnaphthalene	8.84	142	2358276	72.44	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	644283	50.90	ng	99
40) Hexachlorocyclopentadiene	9.00	237	624656	81.76	ng	100

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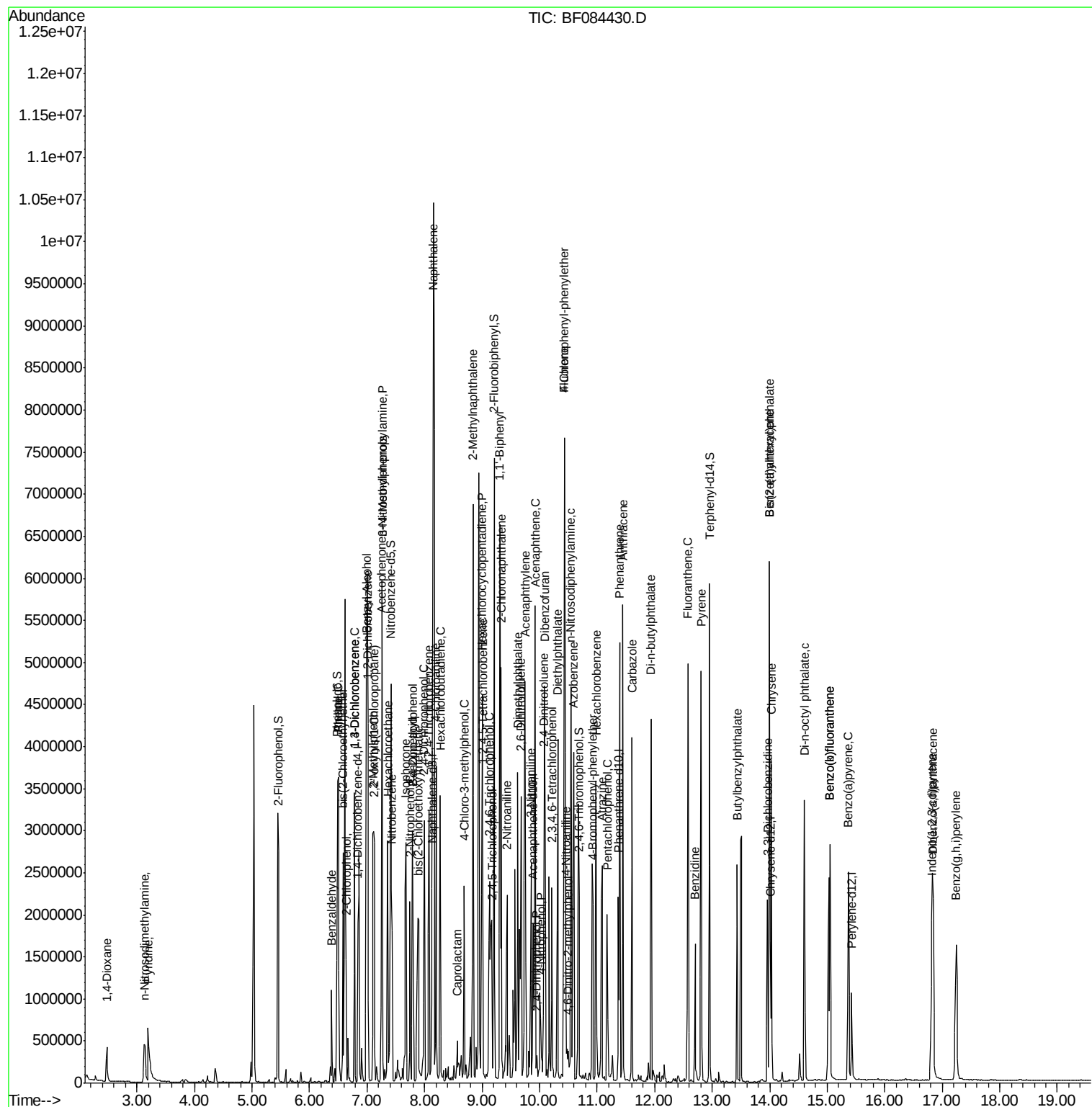
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	384524	40.61	ng	92
43) 2,4,5-Trichlorophenol	9.17	196	399739	44.04	ng	98
45) 1,1'-Biphenyl	9.31	154	1950187	55.74	ng	98
46) 2-Chloronaphthalene	9.33	162	1363345	49.60	ng	93
47) 2-Nitroaniline	9.44	65	491341	54.17	ng	# 66
48) Acenaphthylene	9.74	152	2012405	49.56	ng	# 96
49) Dimethylphthalate	9.62	163	1705931	54.20	ng	# 90
50) 2,6-Dinitrotoluene	9.68	165	368960	53.45	ng	# 69
51) Acenaphthene	9.93	154	2005047	73.61	ng	98
52) 3-Nitroaniline	9.85	138	422120	49.35	ng	87
53) 2,4-Dinitrophenol	9.95	184	20015	10.06	ng	# 72
54) Dibenzofuran	10.09	168	2409973	69.97	ng	91
55) 4-Nitrophenol	10.02	139	218142	35.13	ng	# 80
56) 2,4-Dinitrotoluene	10.08	165	458917	52.53	ng	95
57) Fluorene	10.43	166	1739218	64.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	304178	39.25	ng	87
59) Diethylphthalate	10.32	149	1603665	51.68	ng	96
60) 4-Chlorophenyl-phenylether	10.43	204	672123	61.26	ng	93
61) 4-Nitroaniline	10.45	138	329868	43.26	ng	87
62) Azobenzene	10.59	77	1781880	52.35	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	40369	12.59	ng	78
65) n-Nitrosodiphenylamine	10.54	169	1203248	47.47	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	453033	53.09	ng	97
67) Hexachlorobenzene	10.98	284	437959	45.60	ng	# 84
68) Atrazine	11.08	200	446406	53.82	ng	95
69) Pentachlorophenol	11.17	266	227518	45.69	ng	98
70) Phenanthrene	11.39	178	2634726	63.53	ng	96
71) Anthracene	11.45	178	2129292	52.38	ng	97
72) Carbazole	11.61	167	2025229	50.96	ng	97
73) Di-n-butylphthalate	11.94	149	2231904	56.18	ng	# 97
74) Fluoranthene	12.58	202	1851149	42.73	ng	97
76) Benzidine	12.70	184	633003	36.40	ng	98
77) Pyrene	12.81	202	1855311	48.74	ng	96
79) Butylbenzylphthalate	13.44	149	783547	47.57	ng	# 86
80) Benzo(a)anthracene	14.00	228	1319095	46.32	ng	98
81) 3,3'-Dichlorobenzidine	13.96	252	463709	46.65	ng	# 97
82) Chrysene	14.03	228	1280183	46.78	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	916209	44.03	ng	# 95
84) Di-n-octyl phthalate	14.60	149	1493120	42.50	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.82	276	1553888	71.63	ng	97
87) Benzo(h)fluoranthene	15.05	252	2472054	86.45	ng	# 95
88) Benzo(k)fluoranthene	15.05	252	2473217	105.75	ng	99
89) Benzo(a)pyrene	15.37	252	1209468	49.86	ng	# 94
90) Dibenzo(a,h)anthracene	16.84	278	1258802	60.31	ng	98
91) Benzo(g,h,i)perylene	17.24	276	1355749	62.72	ng	96

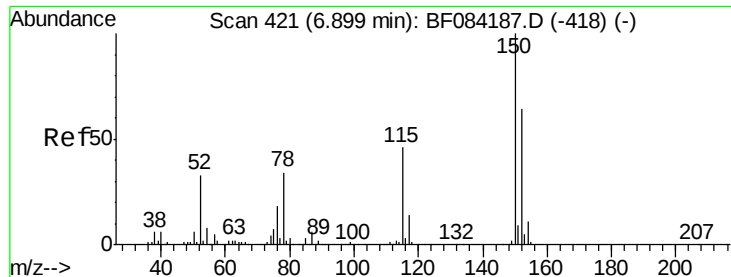
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

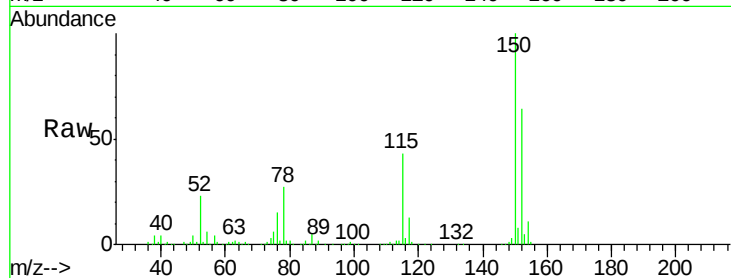
Tgt Ion:152 Resp: 253371

Ion Ratio Lower Upper

152 100

150 157.3 123.0 184.4

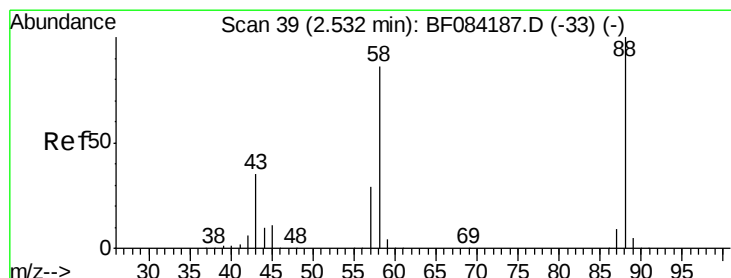
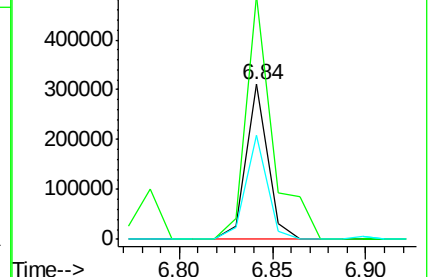
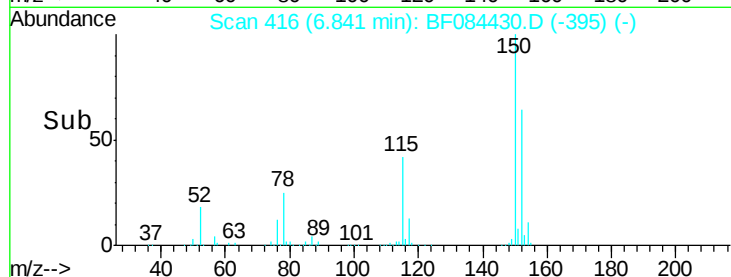
115 67.0 51.4 77.2



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: 28.34 ng

RT: 2.48 min Scan# 34

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

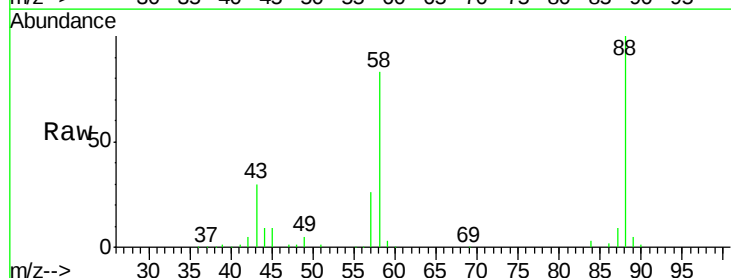
Tgt Ion: 88 Resp: 210306

Ion Ratio Lower Upper

88 100

58 85.8 51.2 76.8#

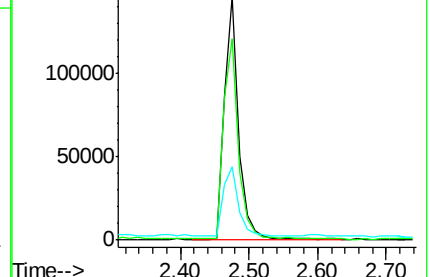
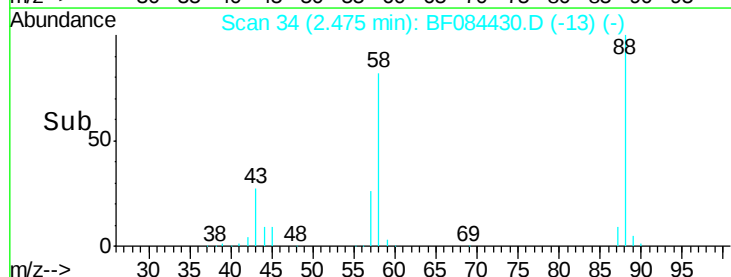
43 30.7 19.5 29.3#

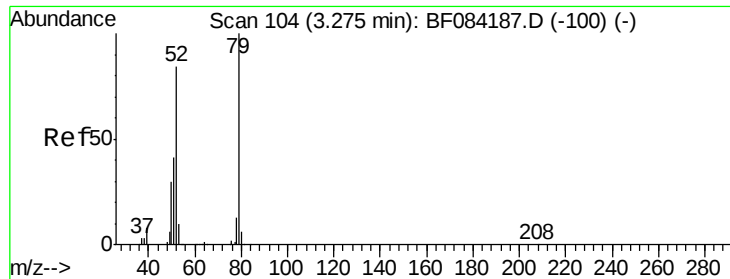


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 25.07 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.08 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

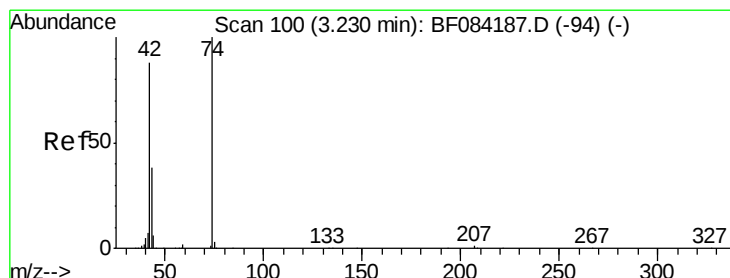
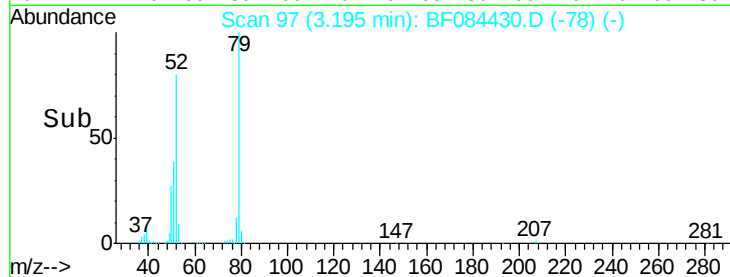
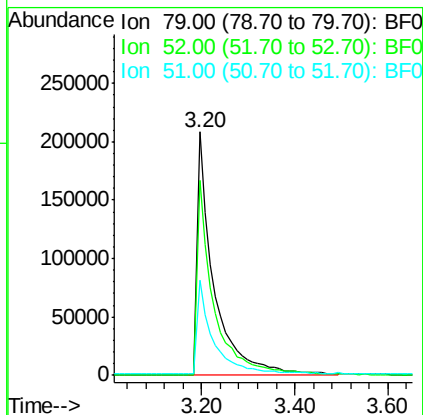
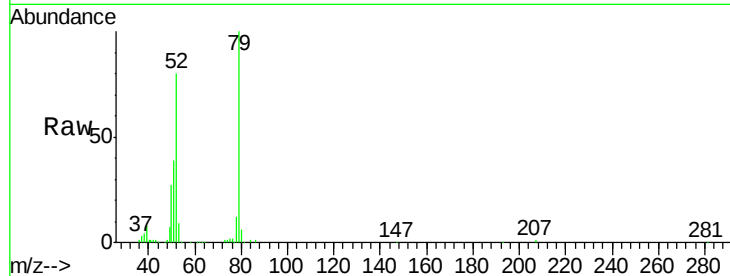
Tgt Ion: 79 Resp: 518718

Ion Ratio Lower Upper

79 100

52 80.3 49.0 73.4#

51 39.1 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 25.01 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.10 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

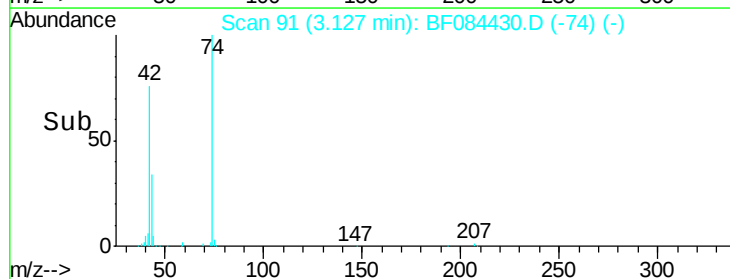
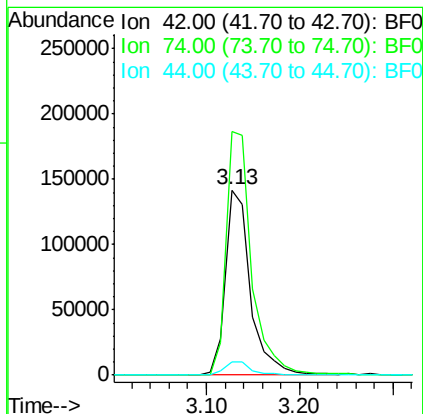
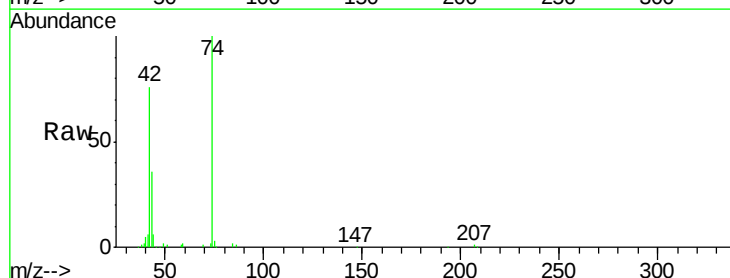
Tgt Ion: 42 Resp: 265650

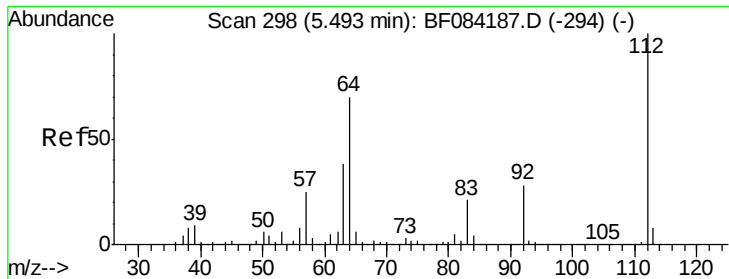
Ion Ratio Lower Upper

42 100

74 131.4 115.7 173.5

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 78.35 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

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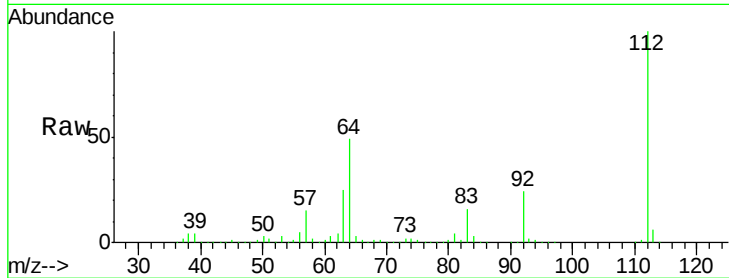
Tgt Ion: 112 Resp: 1227379

Ion Ratio Lower Upper

112 100

64 49.1 36.6 55.0

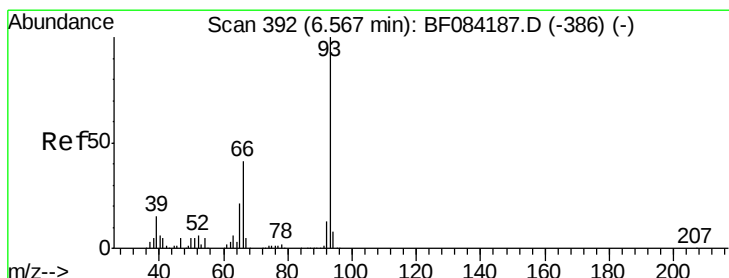
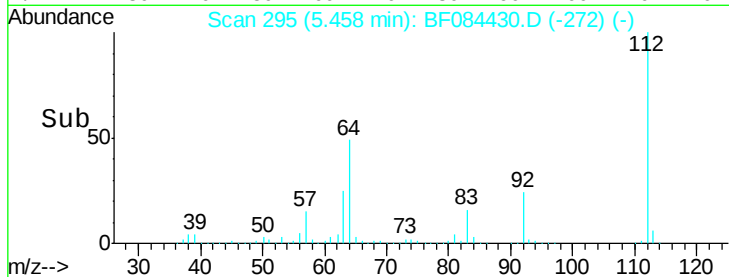
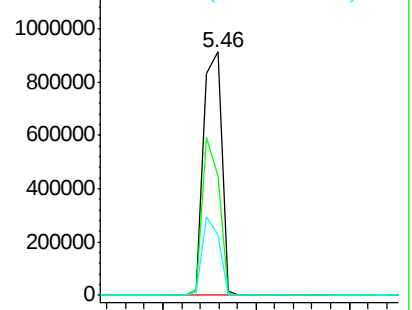
63 24.9 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.06 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.07 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

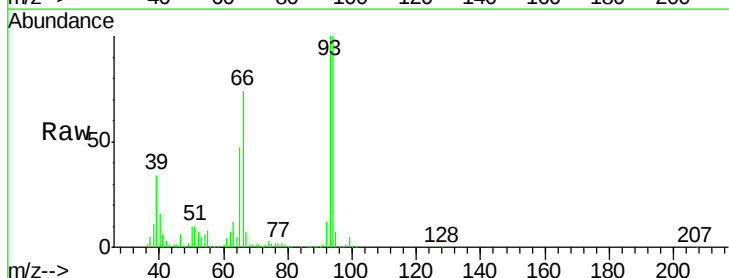
Tgt Ion: 93 Resp: 865108

Ion Ratio Lower Upper

93 100

66 73.9 44.9 67.3#

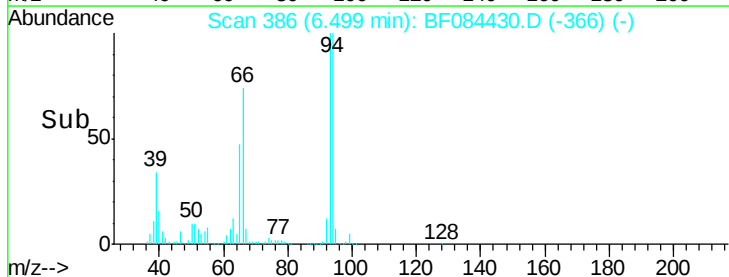
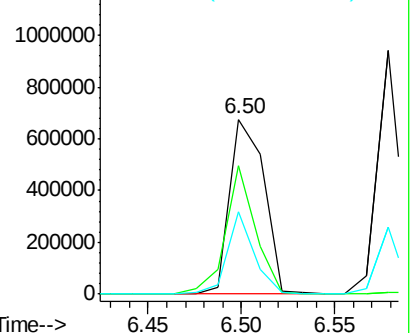
65 47.5 23.7 35.5#

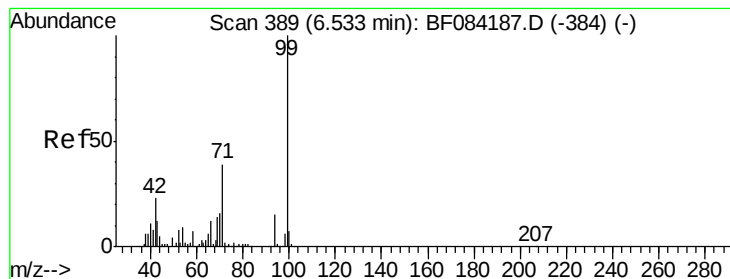


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 61.49 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084430.D

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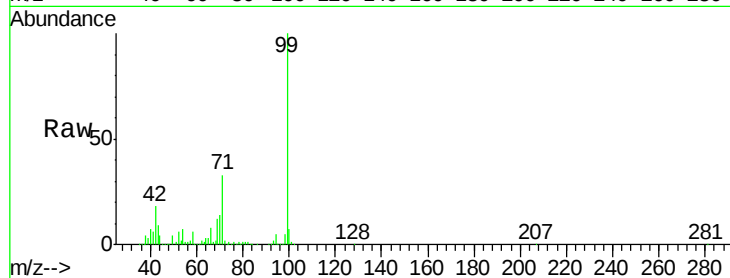
Tgt Ion: 99 Resp: 1209679

Ion Ratio Lower Upper

99 100

42 17.9 12.8 19.2

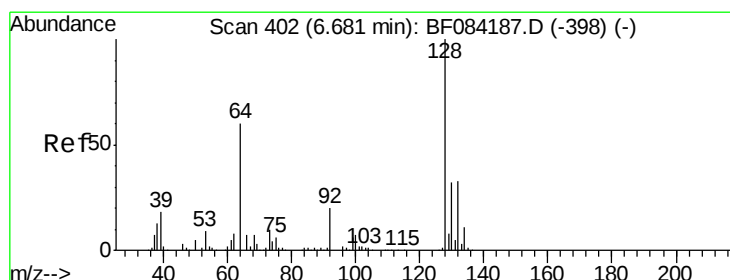
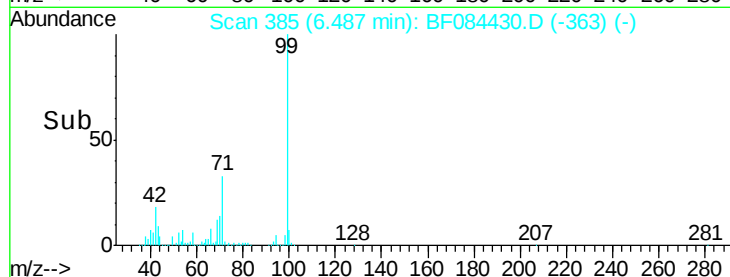
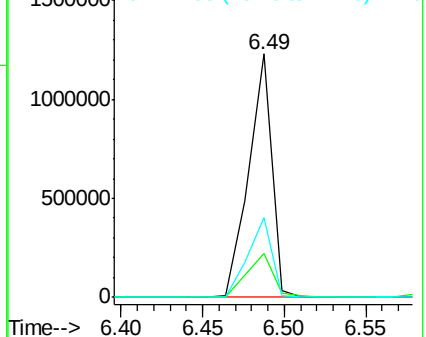
71 32.8 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.80 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

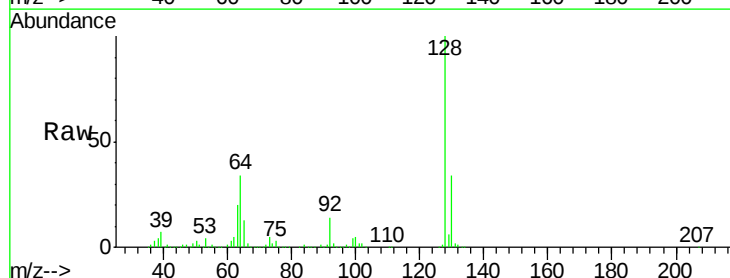
Tgt Ion: 128 Resp: 636326

Ion Ratio Lower Upper

128 100

130 33.9 11.6 51.6

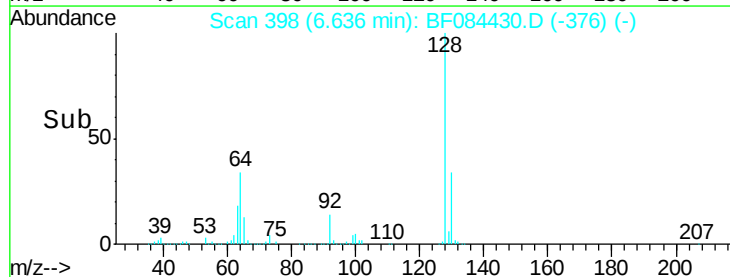
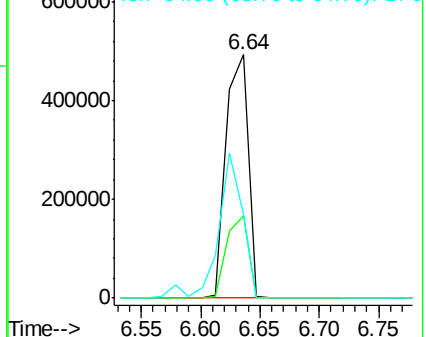
64 34.1 23.8 63.8

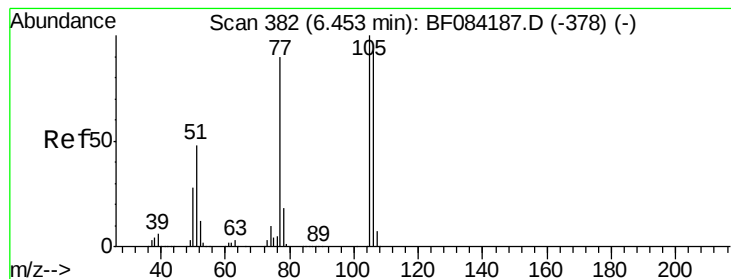


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.81 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

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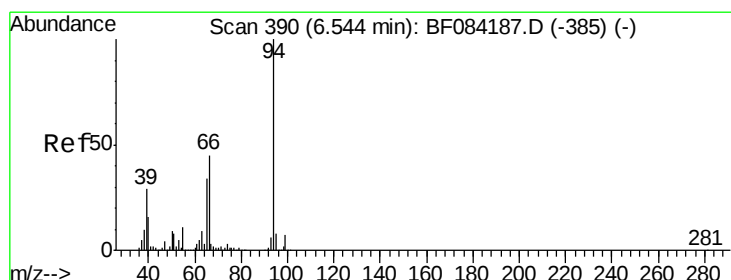
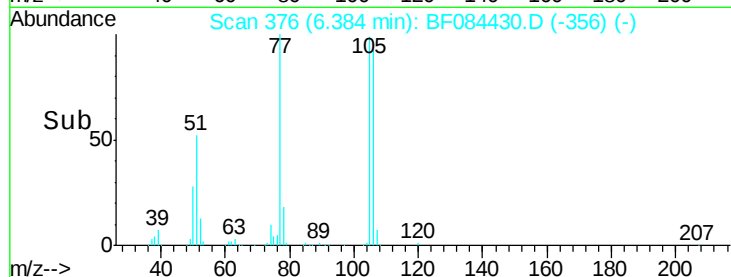
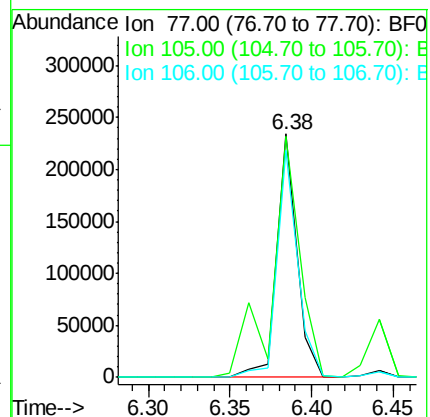
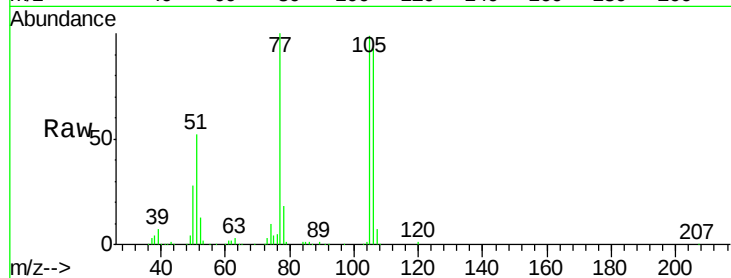
Tgt Ion: 77 Resp: 202580

Ion Ratio Lower Upper

77 100

105 98.9 83.0 123.0

106 93.1 74.6 114.6



#10

Phenol

Concen: 24.40 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

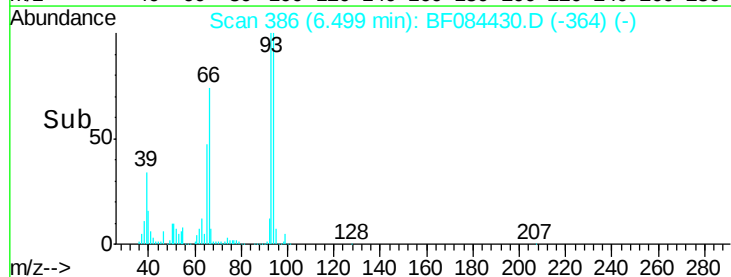
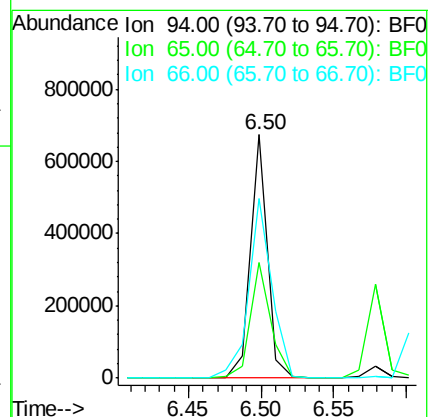
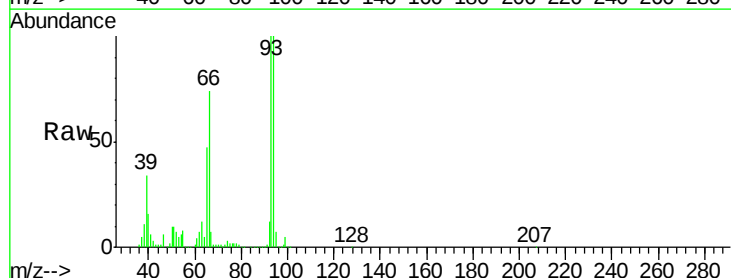
Tgt Ion: 94 Resp: 545848

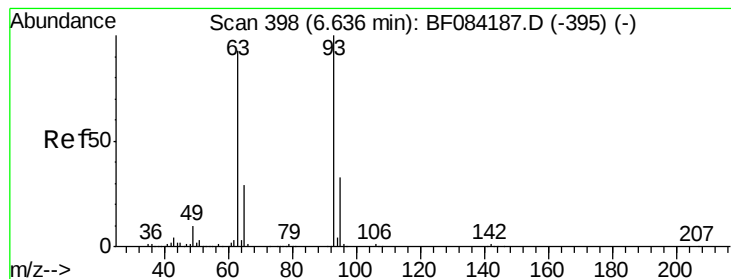
Ion Ratio Lower Upper

94 100

65 47.5 12.9 52.9

66 74.0 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 44.86 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

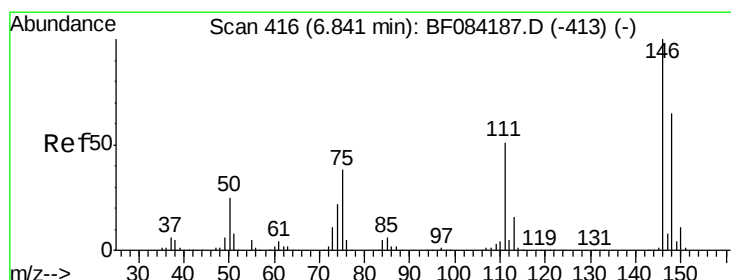
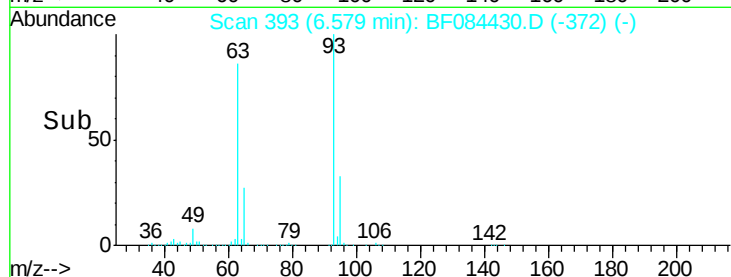
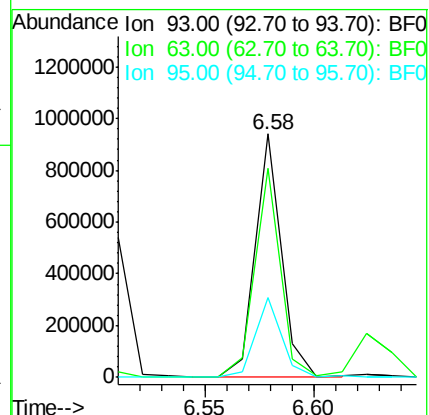
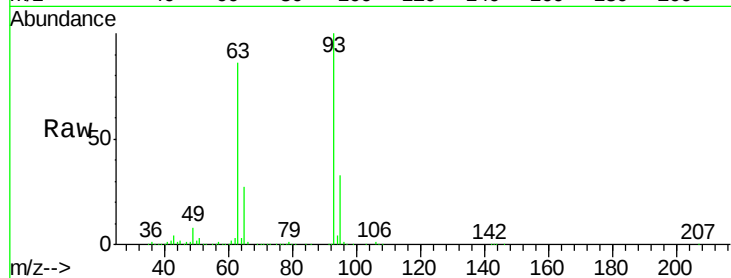
Tgt Ion: 93 Resp: 777370

Ion Ratio Lower Upper

93 100

63 85.6 45.9 85.9

95 33.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 45.45 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

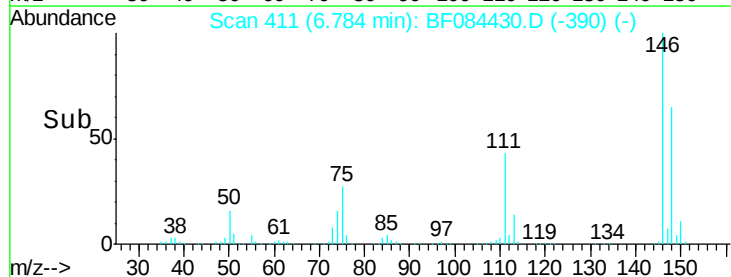
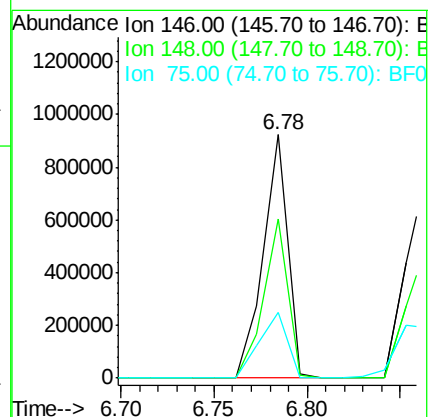
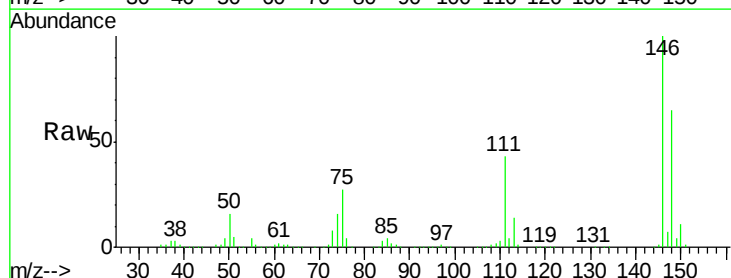
Tgt Ion: 146 Resp: 833234

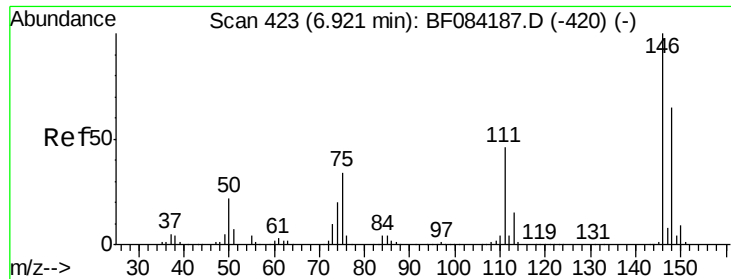
Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

75 27.2 20.5 30.7

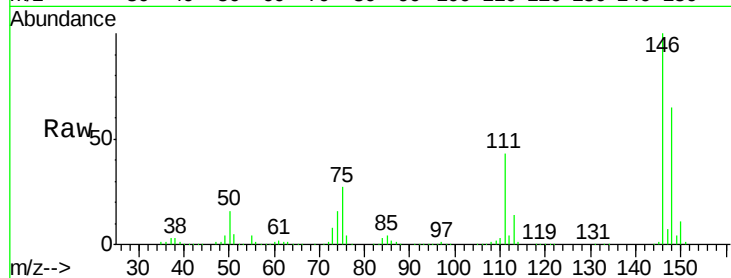




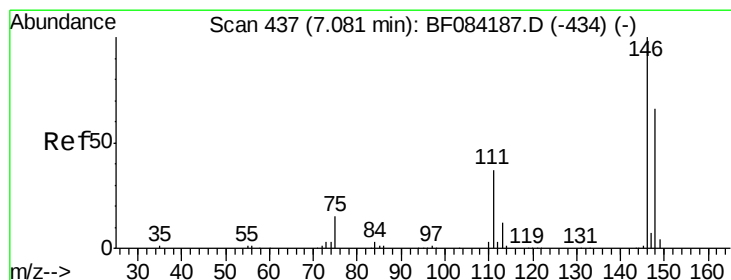
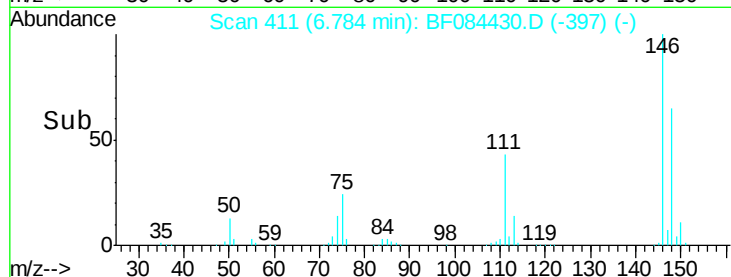
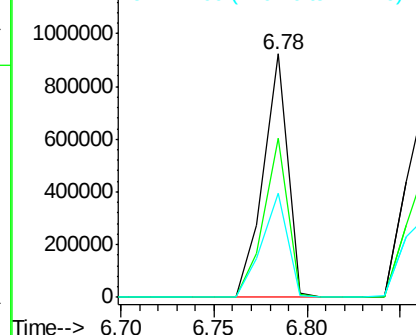
#13
 1,4-Dichlorobenzene
 Concen: 45.32 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.14 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

Tgt Ion:146 Resp: 833234
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 43.0 41.6 62.4

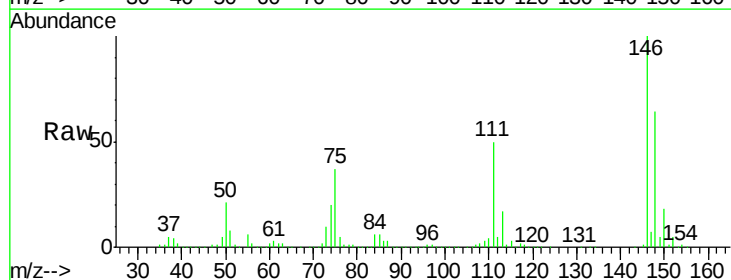


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

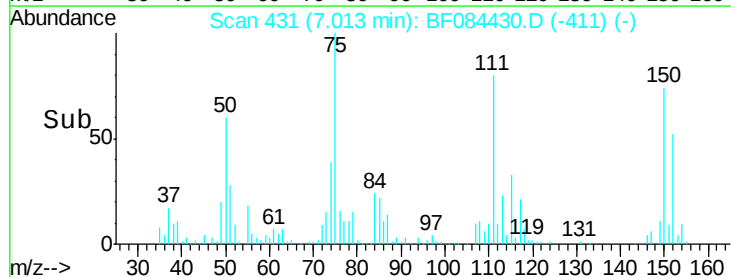
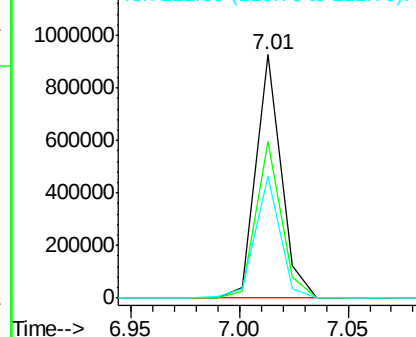


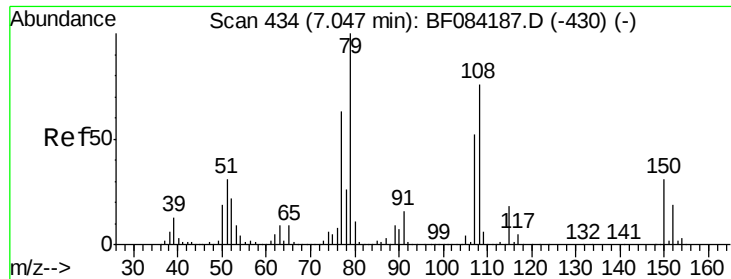
#14
 1,2-Dichlorobenzene
 Concen: 42.34 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.07 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Tgt Ion:146 Resp: 745490
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 50.4 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: 35.55 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

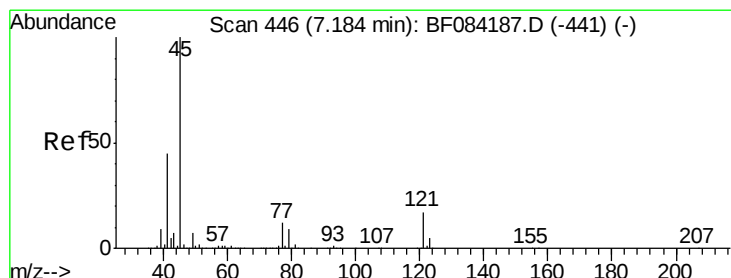
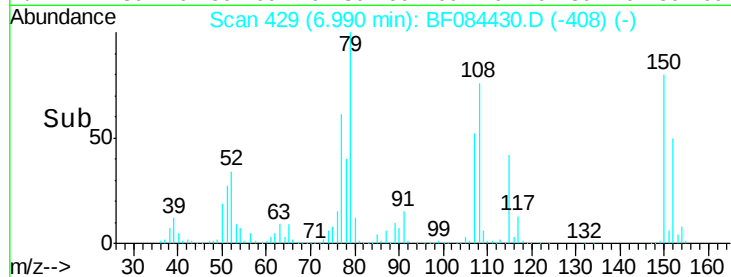
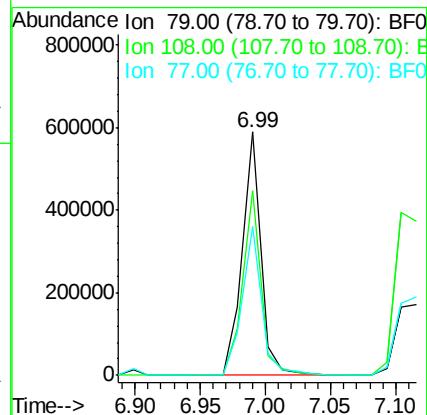
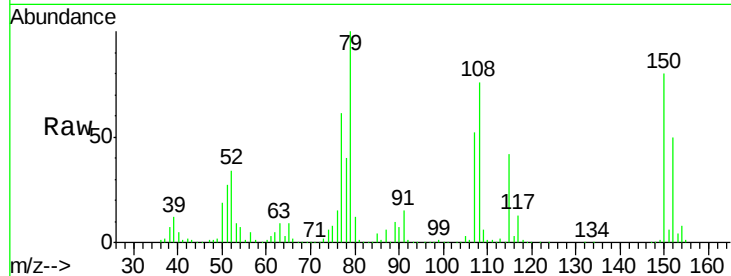
Tgt Ion: 79 Resp: 588333

Ion Ratio Lower Upper

79 100

108 76.1 69.0 103.4

77 61.4 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.10 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

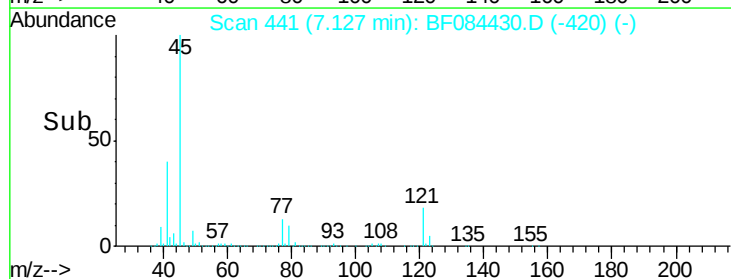
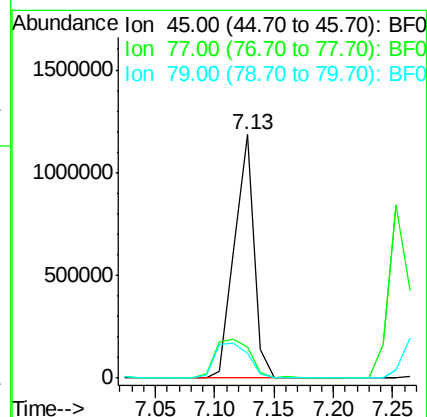
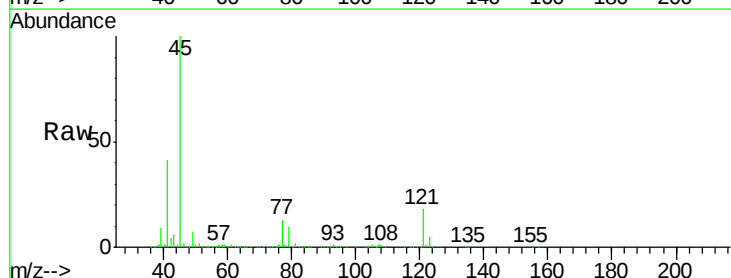
Tgt Ion: 45 Resp: 1360022

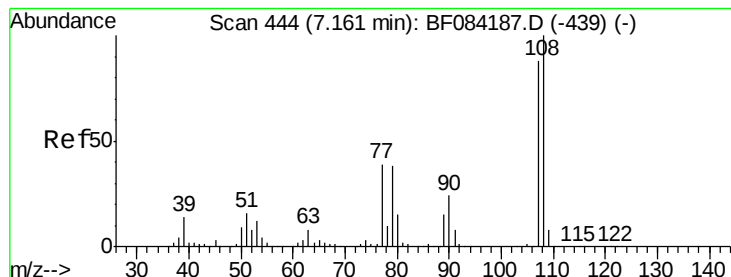
Ion Ratio Lower Upper

45 100

77 12.7 0.0 39.6

79 10.0 0.0 35.0





#17

2-Methylphenol

Concen: 32.39 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

Tgt Ion:107 Resp: 482443

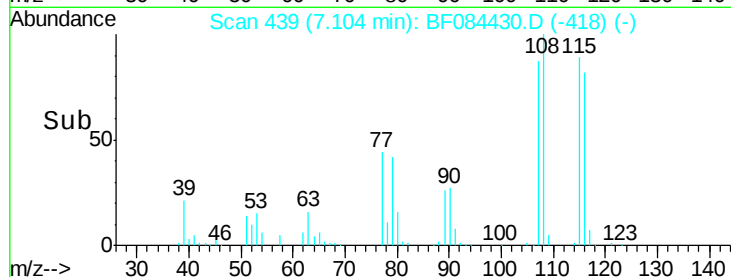
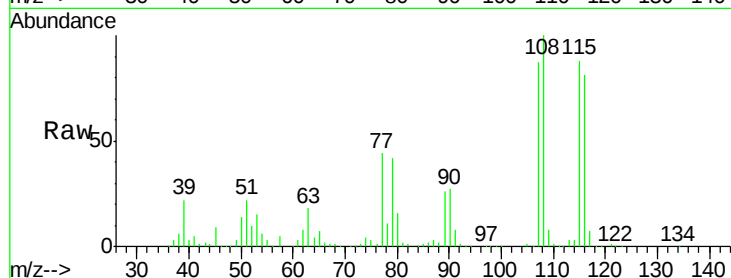
Ion Ratio Lower Upper

107 100

108 115.0 89.8 134.6

77 50.6 35.7 53.5

79 48.2 35.7 53.5

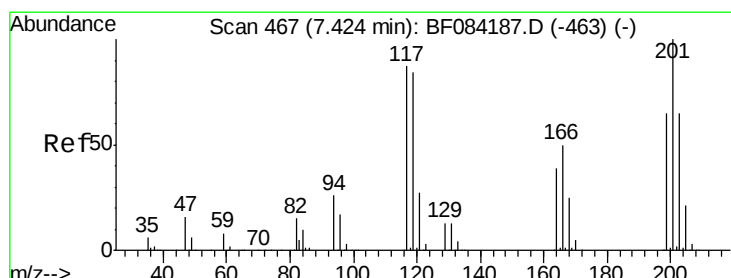
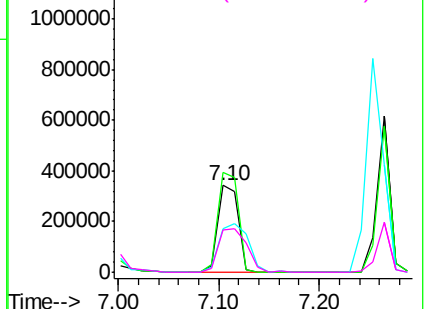


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.93 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.07 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

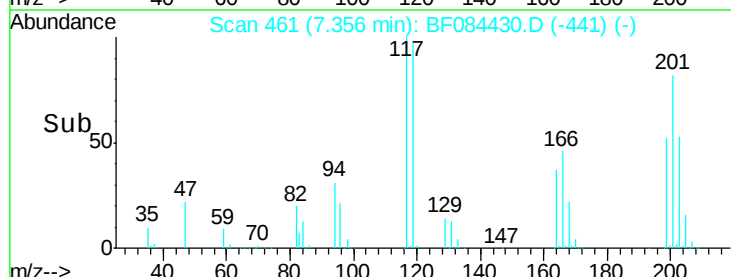
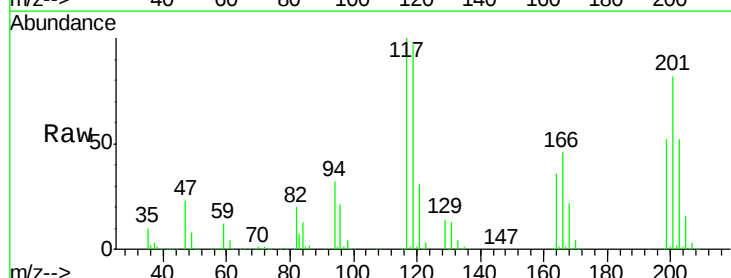
Tgt Ion:117 Resp: 344998

Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.0

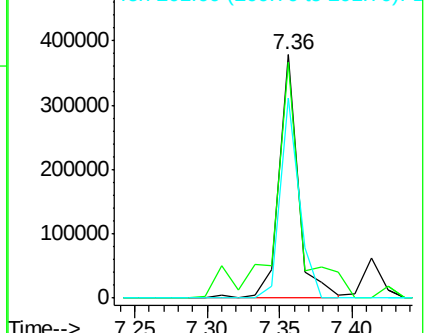
201 82.1 68.6 103.0

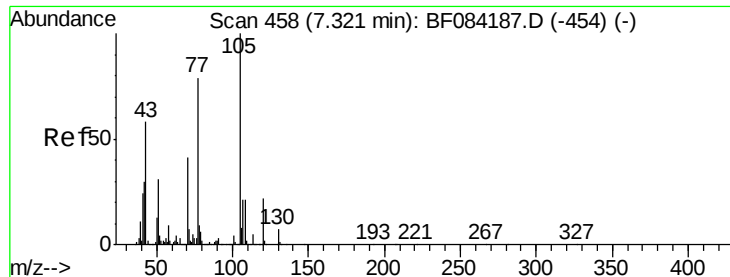


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

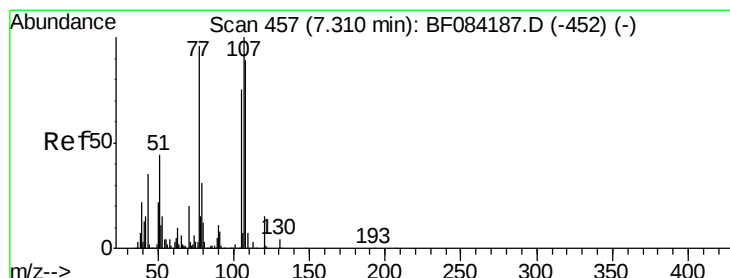
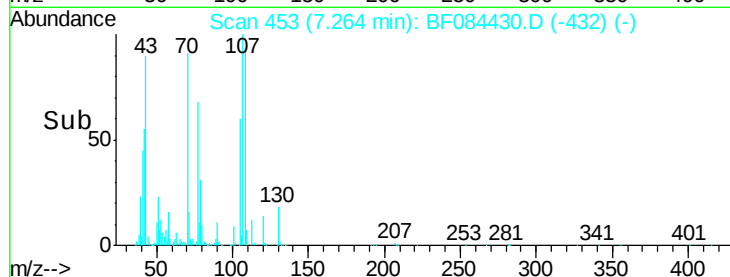
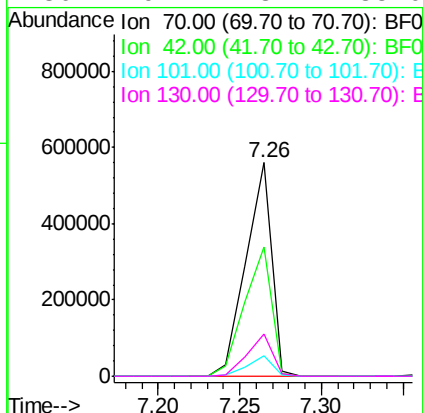
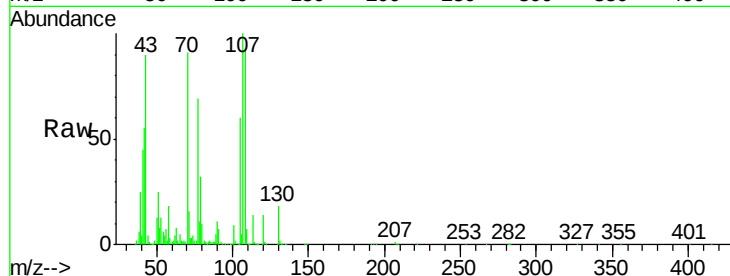




#19
n-Nitroso-di-n-propylamine
Concen: 46.18 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

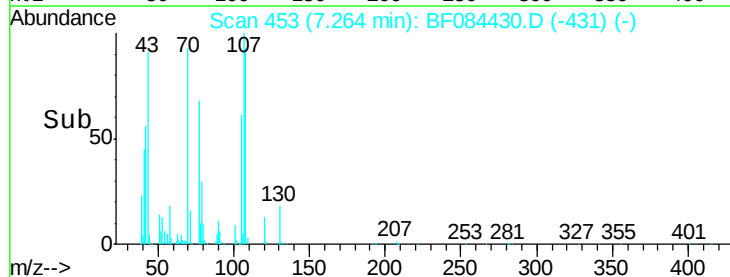
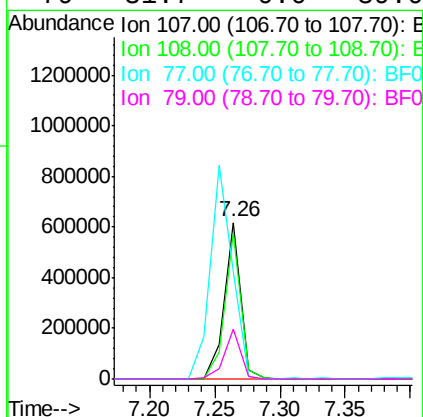
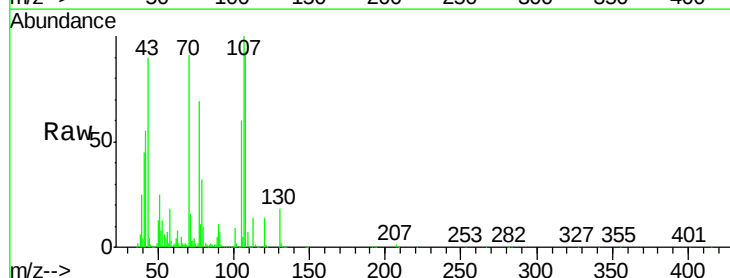
Instrument :
BNA_F
ClientSampleId :
RX2MSD

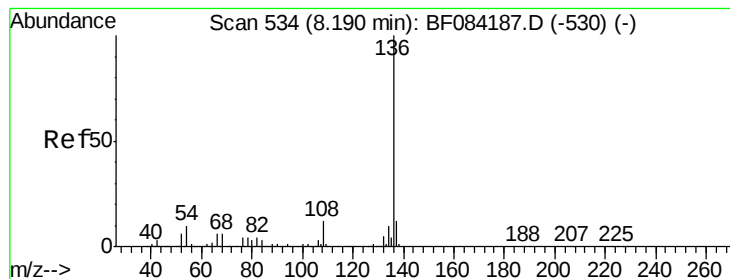
Tgt Ion: 70 Resp: 615069
Ion Ratio Lower Upper
70 100
42 60.5 33.3 49.9#
101 9.5 9.3 13.9
130 19.7 23.4 35.0#



#20
3+4-Methylphenols
Concen: 31.28 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion: 107 Resp: 547703
Ion Ratio Lower Upper
107 100
108 93.2 74.6 114.6
77 68.7 0.7 40.7#
79 31.7 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

Tgt Ion:136 Resp: 999578

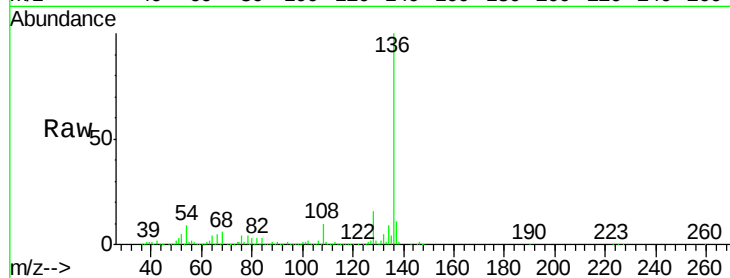
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.4 5.8 8.8#

68 6.0 4.2 6.2

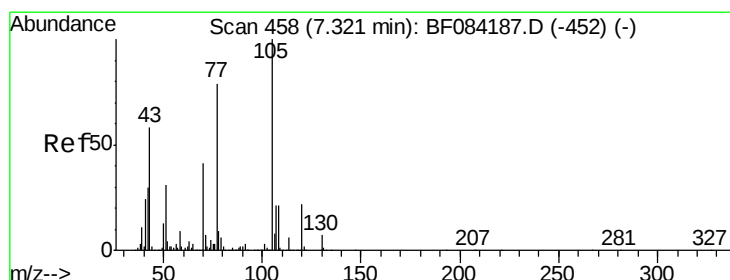
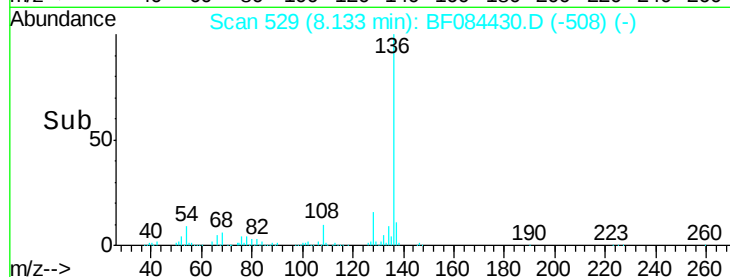
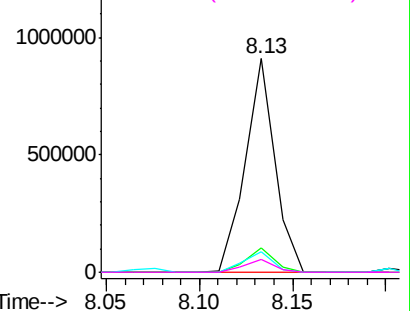


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.37 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.07 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Tgt Ion:105 Resp: 1114667

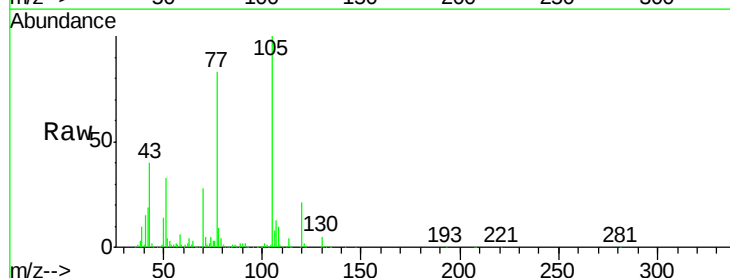
Ion Ratio Lower Upper

105 100

71 4.8 3.7 5.5

51 33.1 25.1 37.7

120 21.1 16.6 25.0

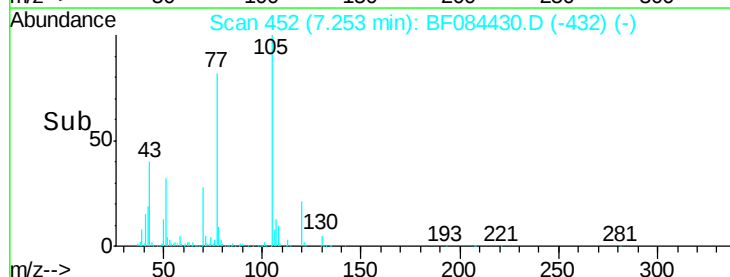
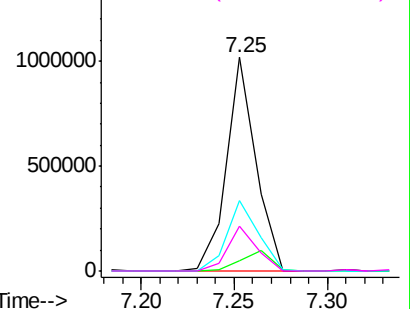


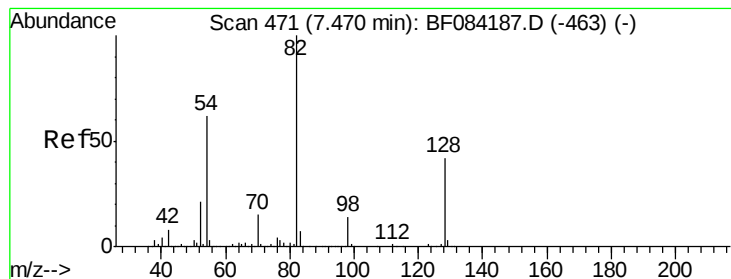
Abundance Ion 105.00 (104.70 to 105.70): E

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: 92.69 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

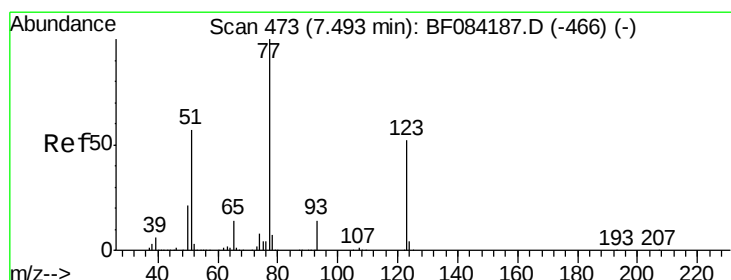
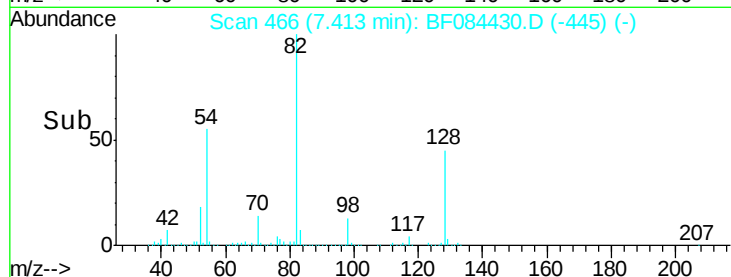
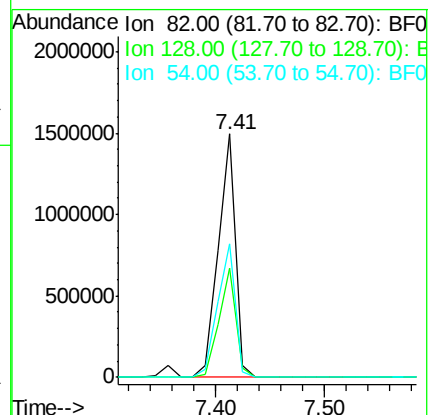
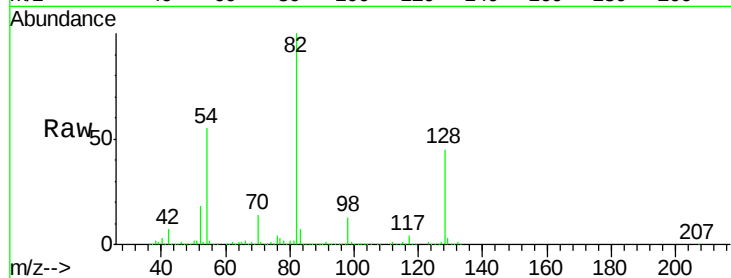
Tgt Ion: 82 Resp: 1664736

Ion Ratio Lower Upper

82 100

128 45.1 34.6 51.8

54 55.0 38.4 57.6



#24

Nitrobenzene

Concen: 48.70 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.07 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

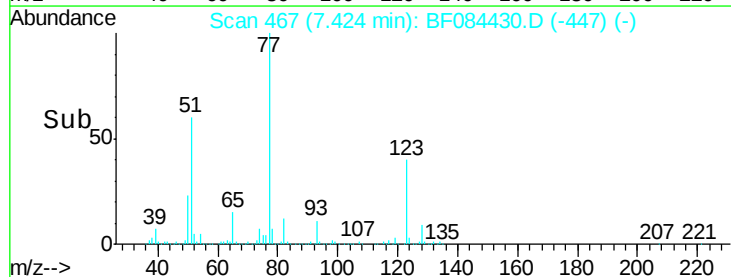
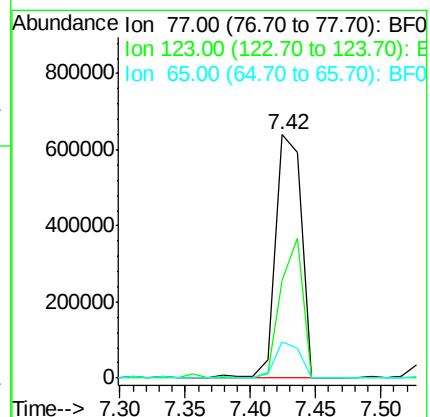
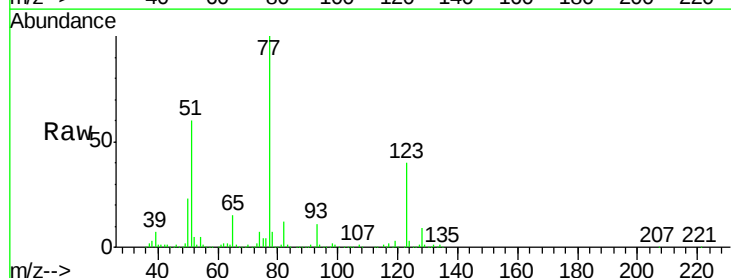
Tgt Ion: 77 Resp: 887134

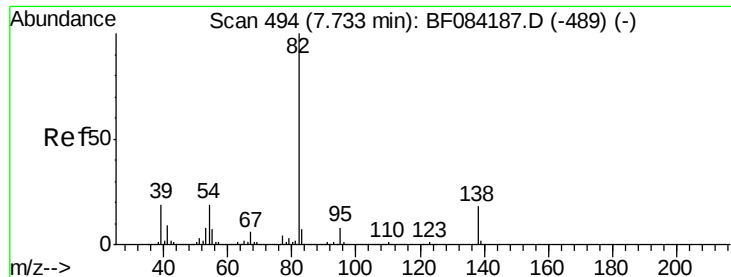
Ion Ratio Lower Upper

77 100

123 40.1 37.4 56.2

65 14.9 10.9 16.3





#25

Isophorone

Concen: 48.54 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

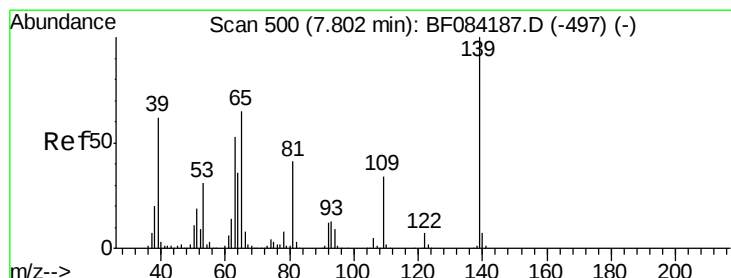
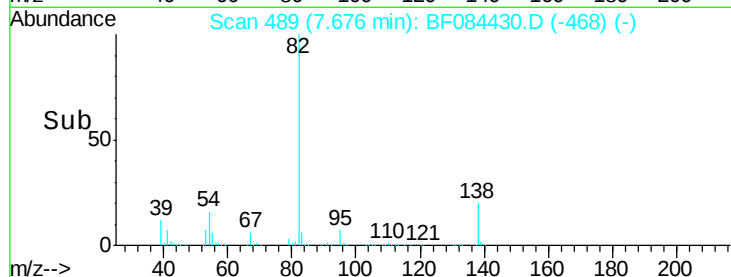
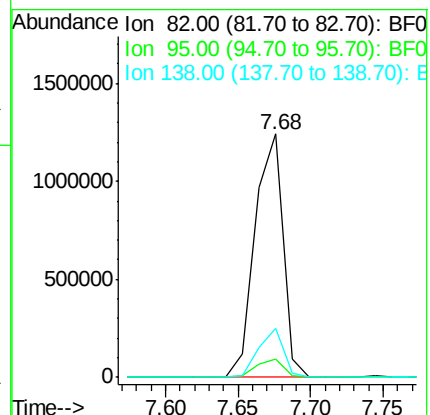
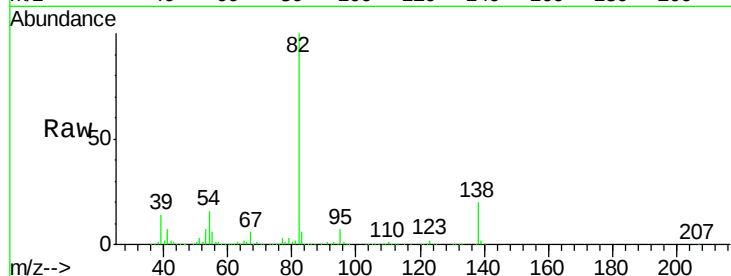
Tgt Ion: 82 Resp: 1667223

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

138 20.0 13.6 20.4



#26

2-Nitrophenol

Concen: 41.69 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

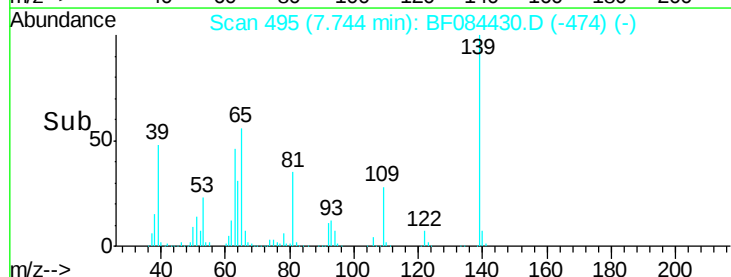
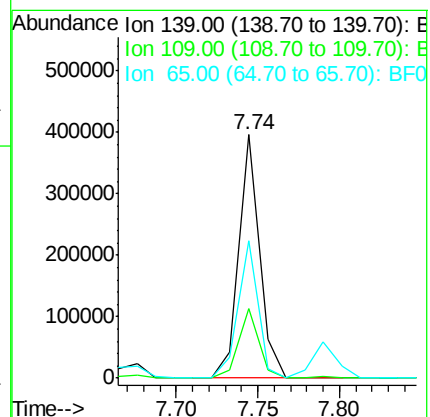
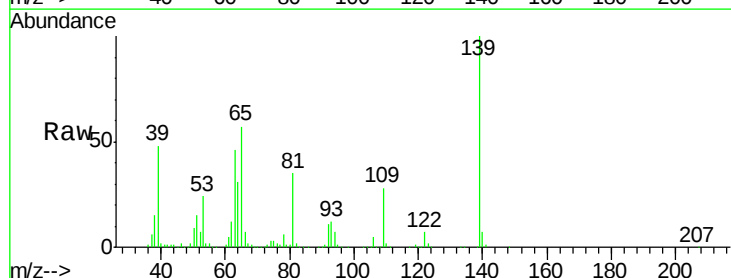
Tgt Ion: 139 Resp: 345648

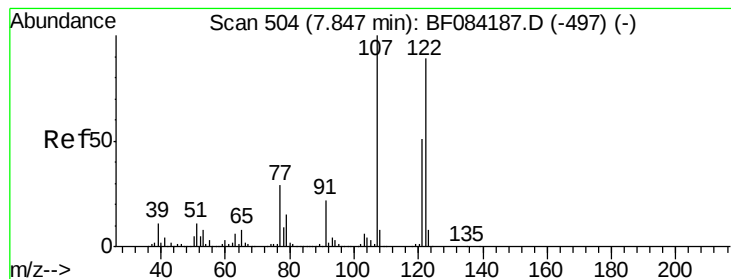
Ion Ratio Lower Upper

139 100

109 28.4 25.4 38.2

65 56.6 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 36.80 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

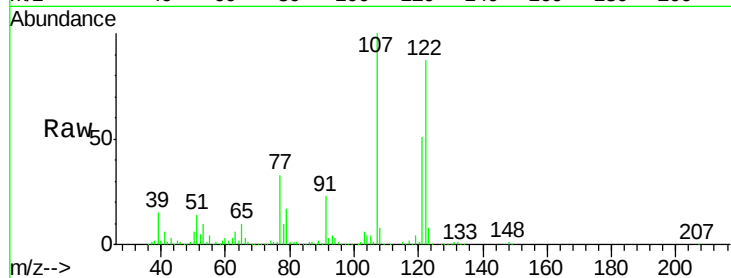
Tgt Ion:122 Resp: 617572

Ion Ratio Lower Upper

122 100

107 115.0 99.1 148.7

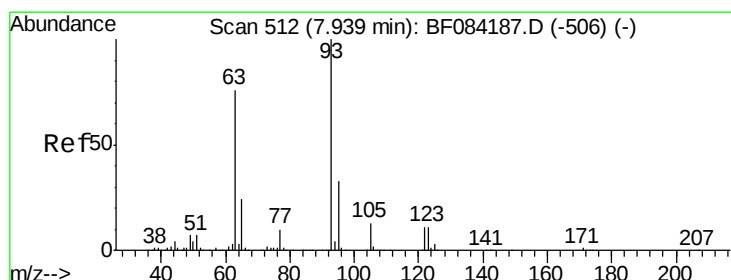
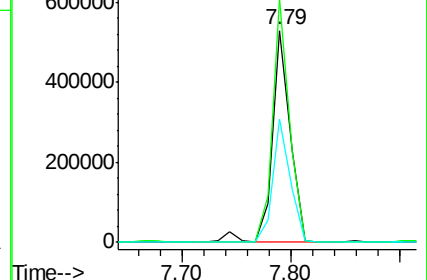
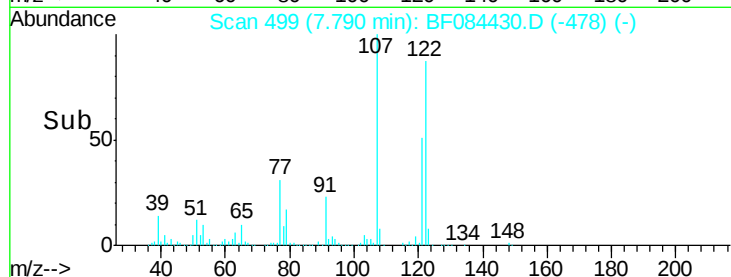
121 58.5 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.86 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

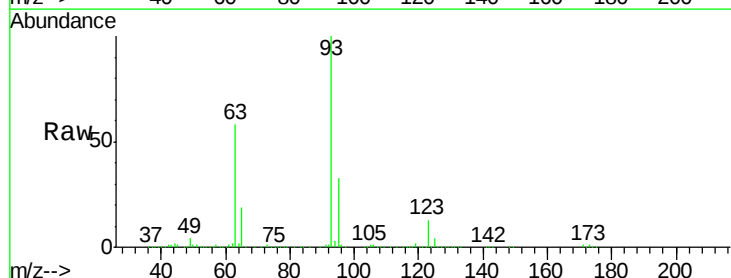
Tgt Ion: 93 Resp: 1067190

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

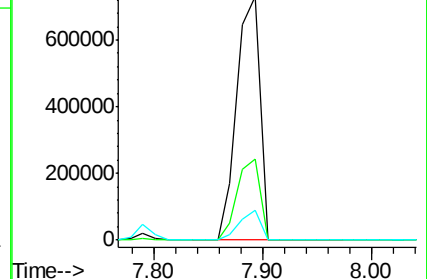
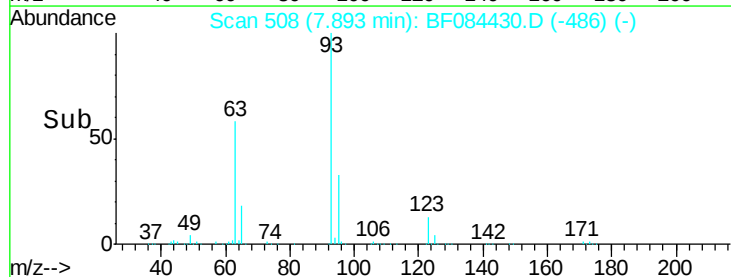
123 12.5 8.6 12.8

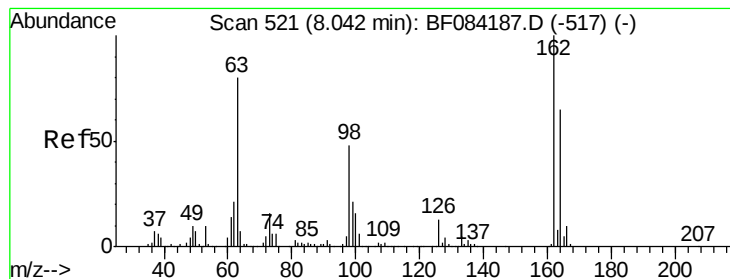


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.52 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampled :

RX2MSD

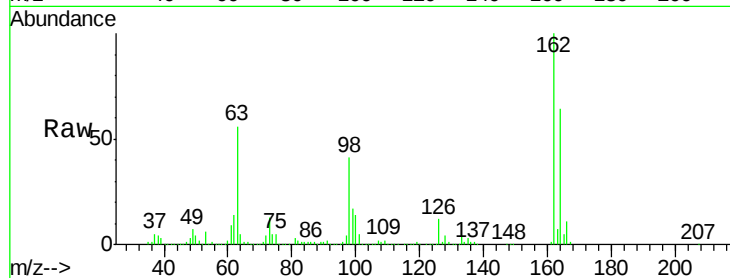
Tgt Ion:162 Resp: 594383

Ion Ratio Lower Upper

162 100

164 64.5 44.1 84.1

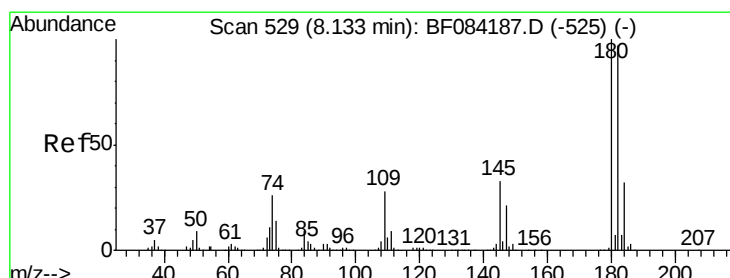
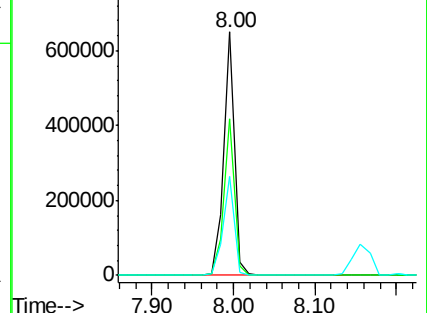
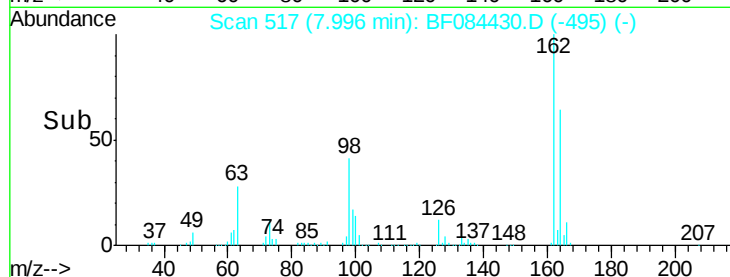
98 40.7 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BFO



#30

1,2,4-Trichlorobenzene

Concen: 49.36 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

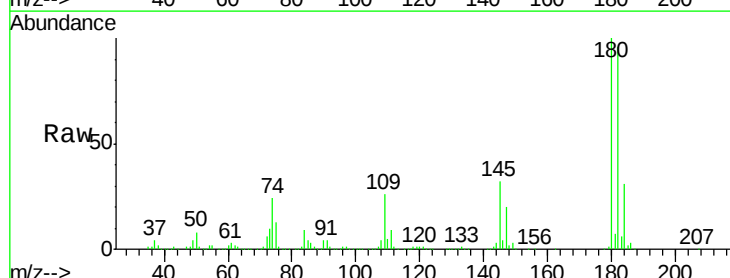
Tgt Ion:180 Resp: 712291

Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

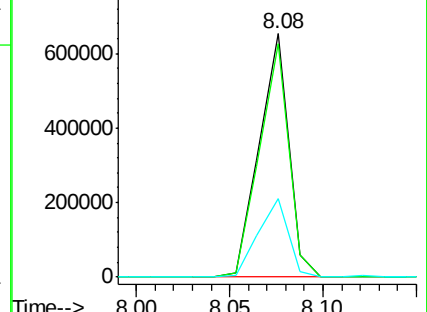
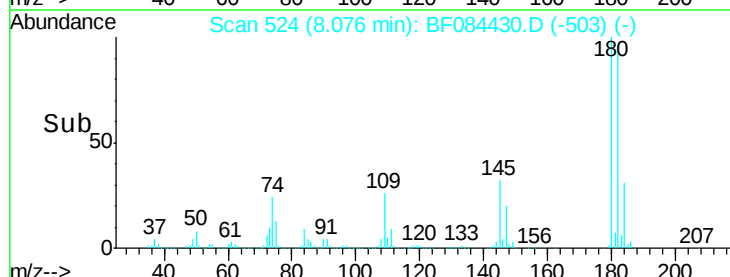
145 32.4 31.6 47.4

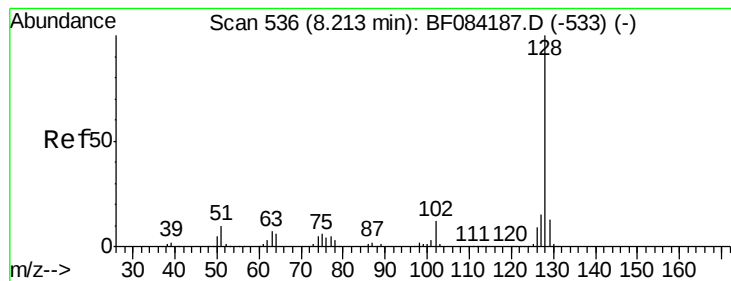


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 157.64 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

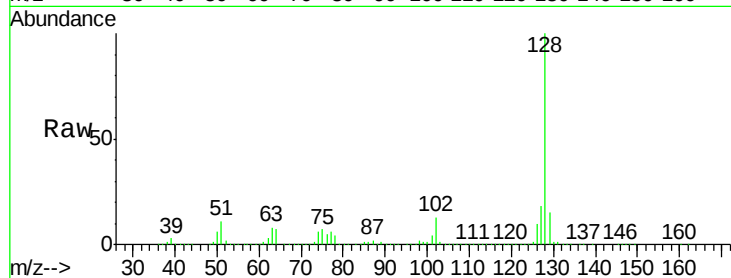
Tgt Ion:128 Resp: 7149303

Ion Ratio Lower Upper

128 100

129 15.0 9.1 13.7#

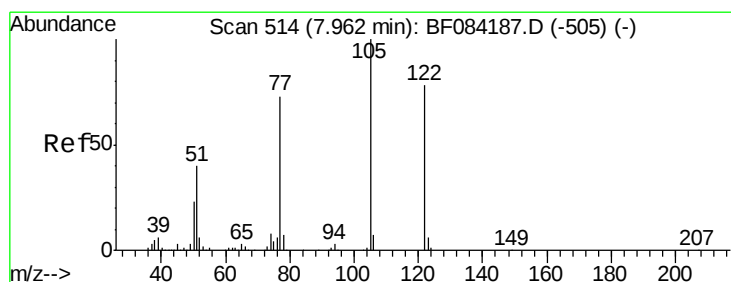
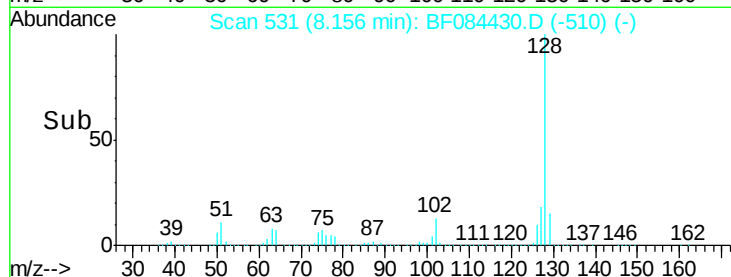
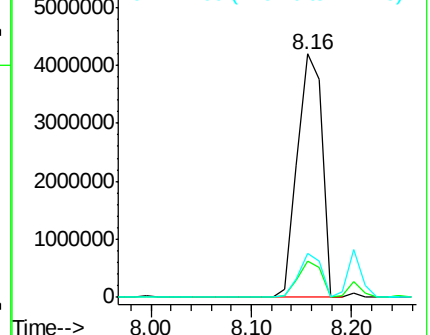
127 17.8 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.01 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.17 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

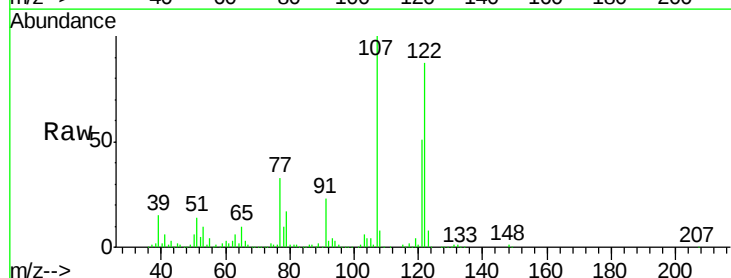
Tgt Ion:122 Resp: 617572

Ion Ratio Lower Upper

122 100

105 4.1 100.3 140.3#

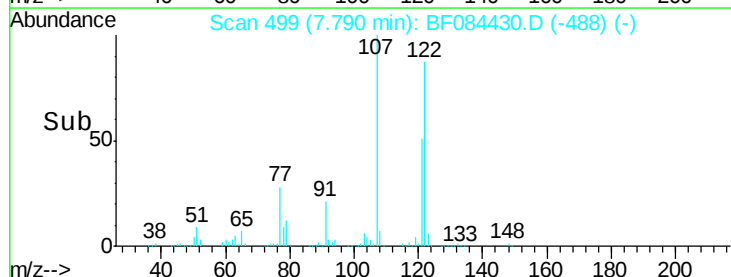
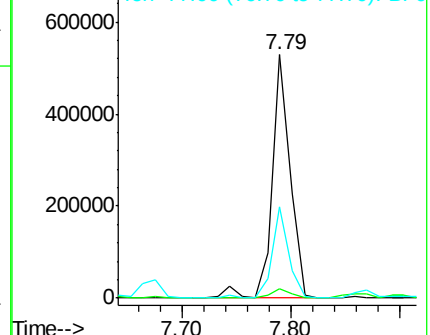
77 37.5 63.5 103.5#

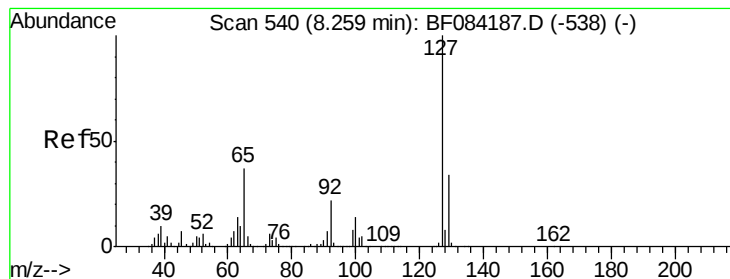


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.27 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

Tgt Ion:127 Resp: 774866

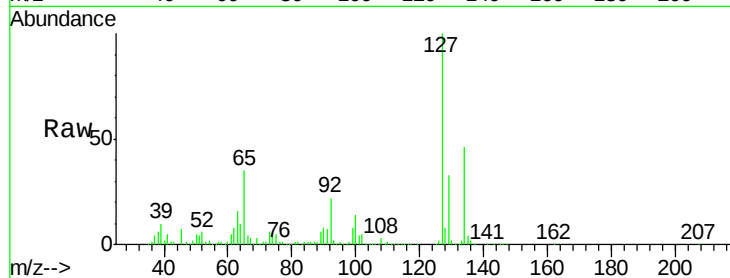
Ion Ratio Lower Upper

127 100

129 33.0 26.5 39.7

65 34.9 27.2 40.8

92 21.5 17.7 26.5

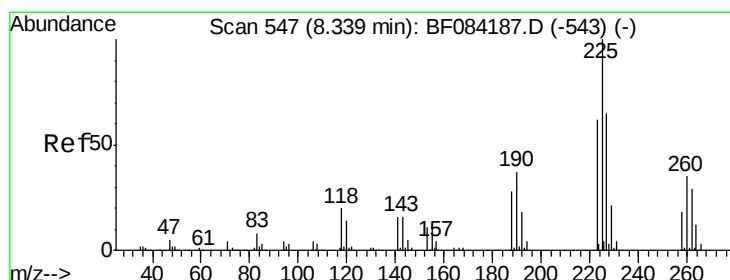
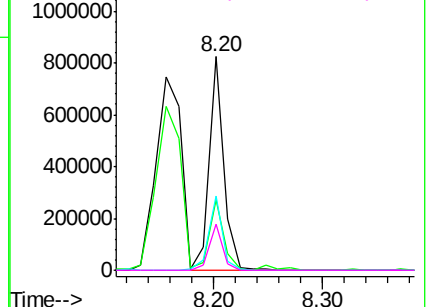
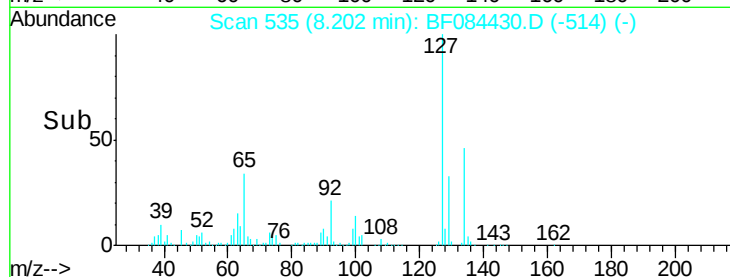


Abundance Ion 127.00 (126.70 to 127.70): E

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: 44.54 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.07 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

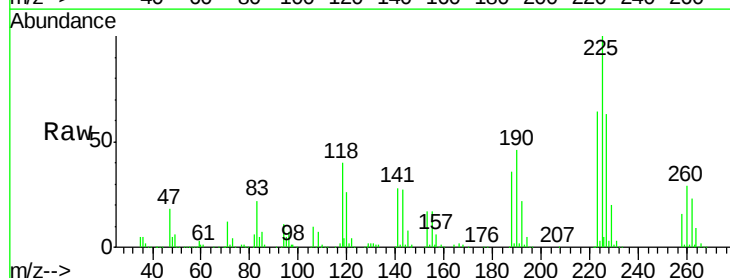
Tgt Ion:225 Resp: 369443

Ion Ratio Lower Upper

225 100

223 63.8 49.4 74.0

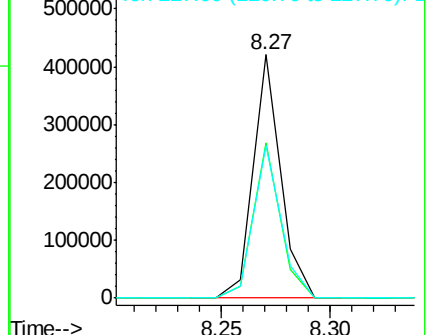
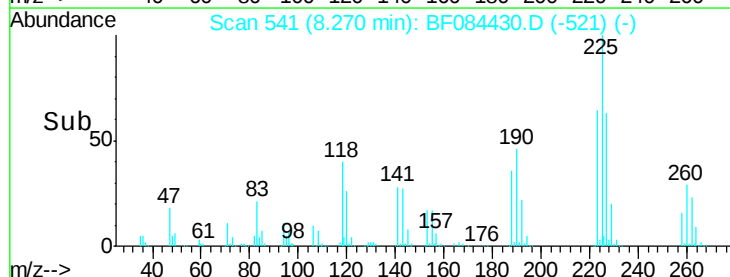
227 62.8 50.8 76.2

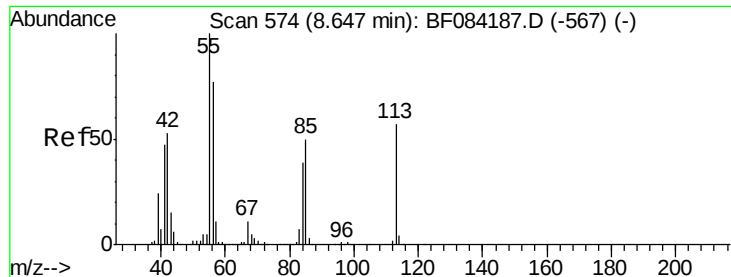


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

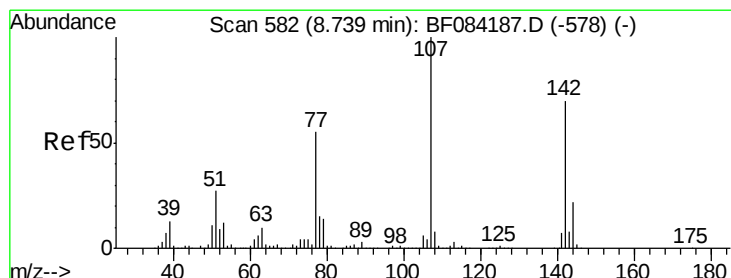
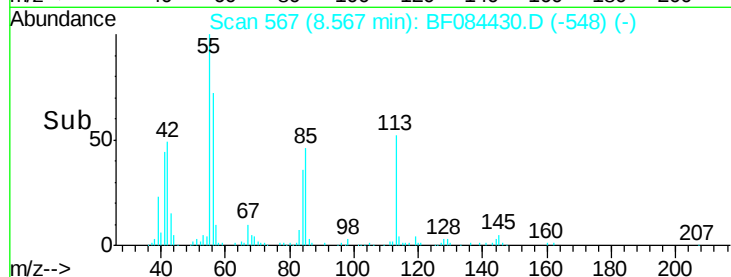
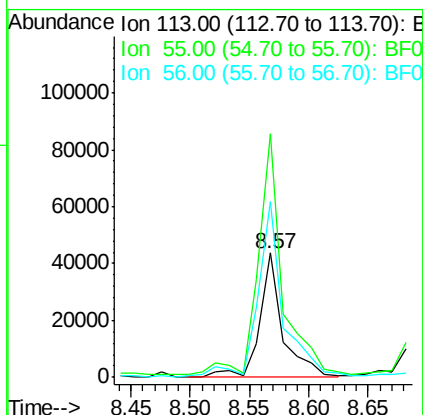
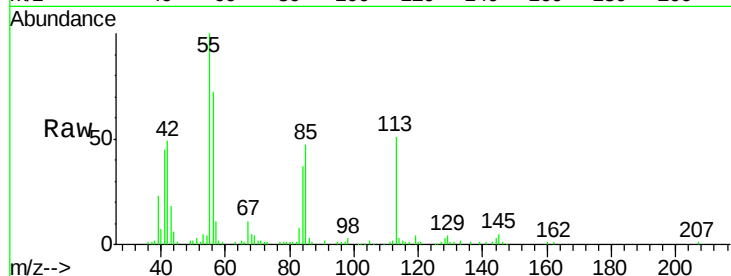




#35
 Caprolactam
 Concen: 12.63 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.08 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

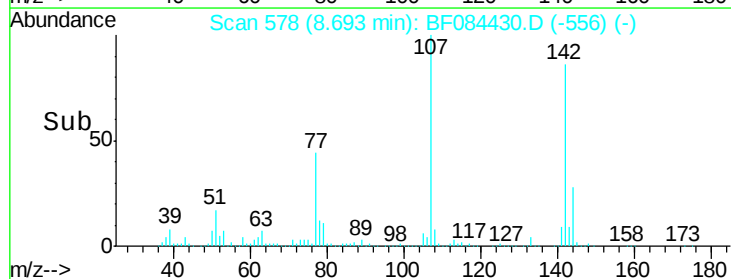
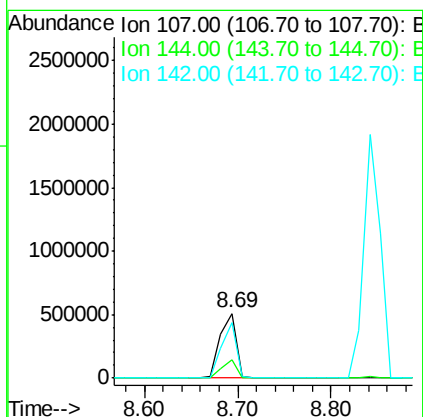
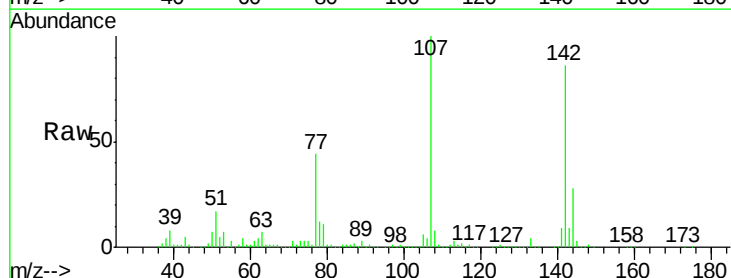
Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

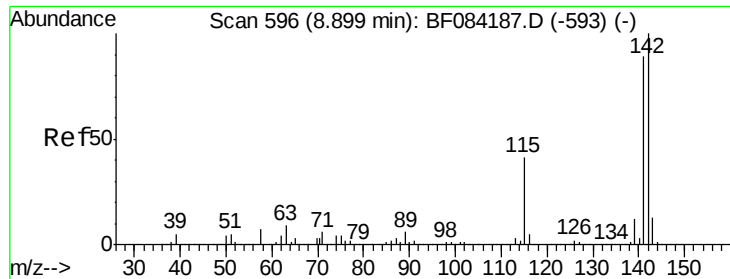
Tgt Ion:113 Resp: 59536
 Ion Ratio Lower Upper
 113 100
 55 195.6 116.9 156.9#
 56 140.7 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.20 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Tgt Ion:107 Resp: 613712
 Ion Ratio Lower Upper
 107 100
 144 28.2 19.7 29.5
 142 86.2 61.8 92.6

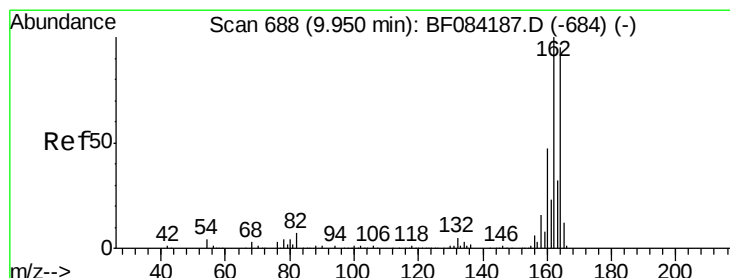
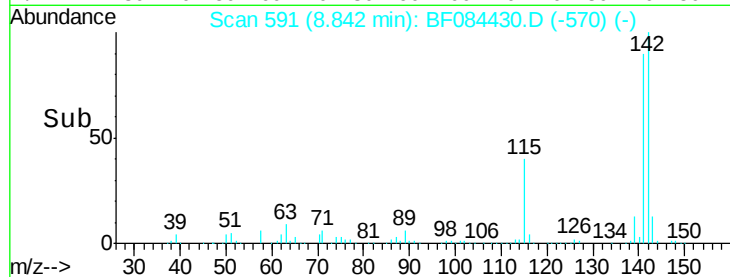
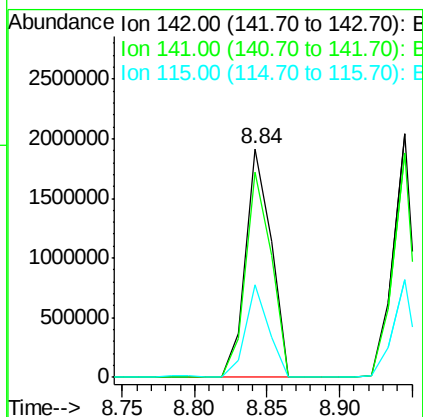
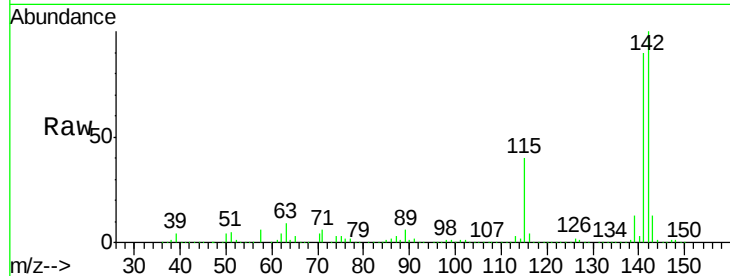




#37
 2-Methylnaphthalene
 Concen: 72.44 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

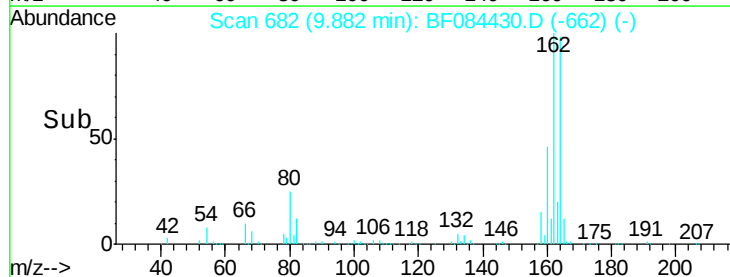
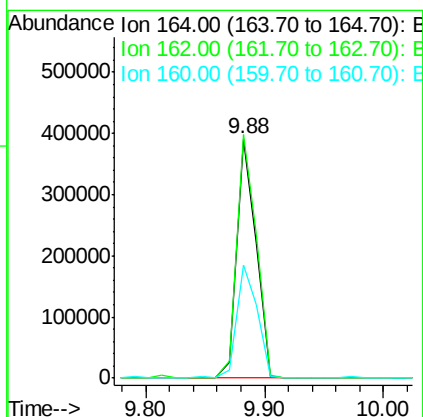
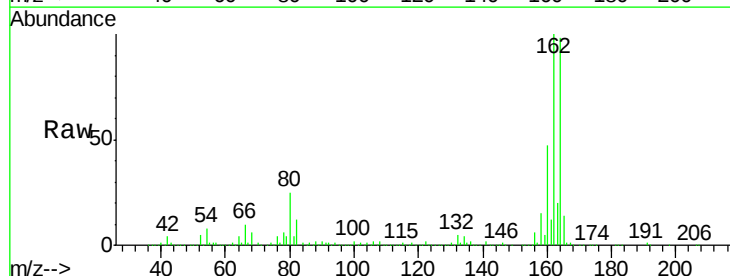
Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

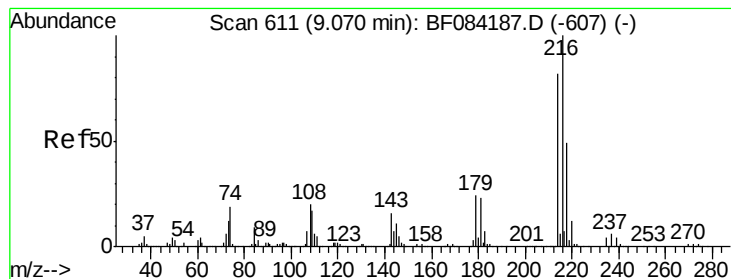
Tgt Ion:142 Resp: 2358276
 Ion Ratio Lower Upper
 142 100
 141 89.9 72.4 108.6
 115 40.3 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.07 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Tgt Ion:164 Resp: 440255
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.1 127.7
 160 47.5 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.90 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampled :

RX2MSD

Tgt Ion:216 Resp: 644283

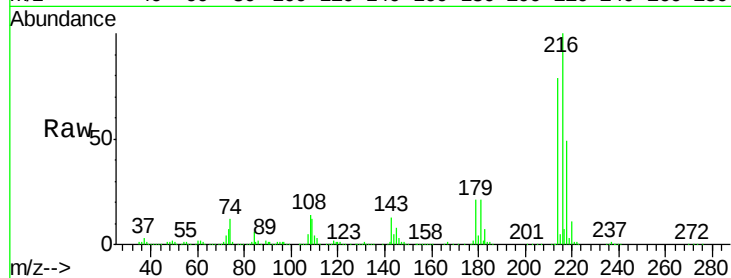
Ion Ratio Lower Upper

216 100

214 79.5 64.2 96.2

179 22.7 18.7 28.1

108 21.4 16.8 25.2

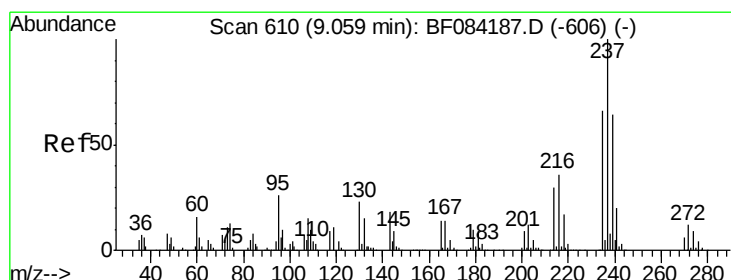
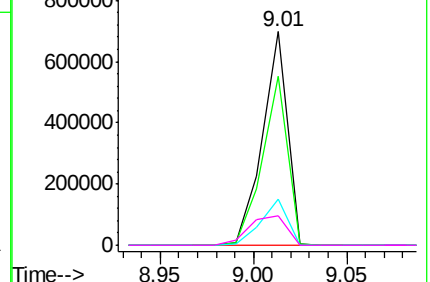
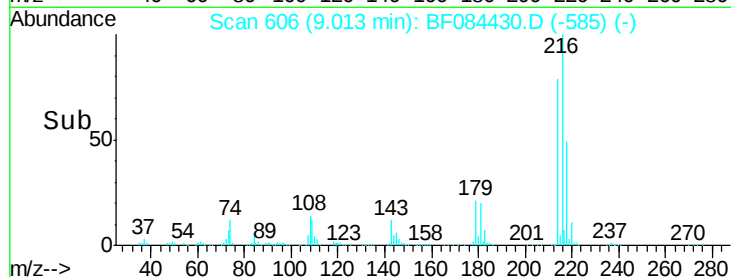


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.76 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

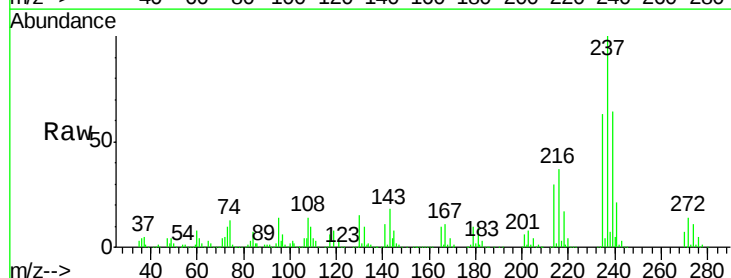
Tgt Ion:237 Resp: 624656

Ion Ratio Lower Upper

237 100

235 63.1 43.1 83.1

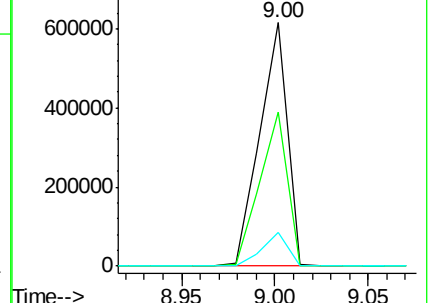
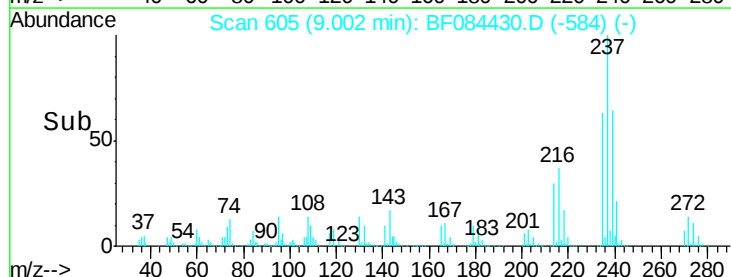
272 14.1 0.0 35.1

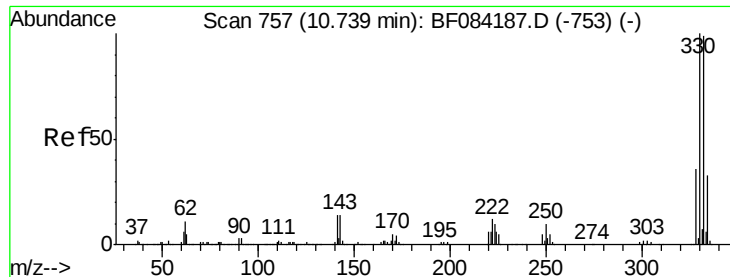


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

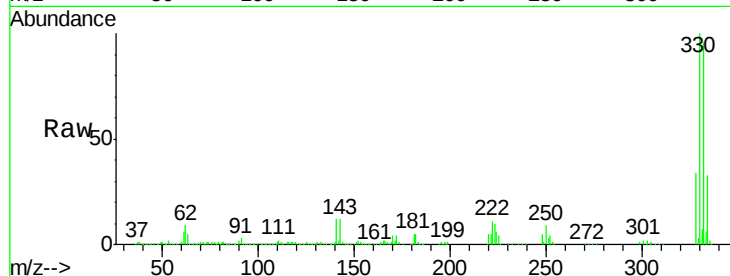




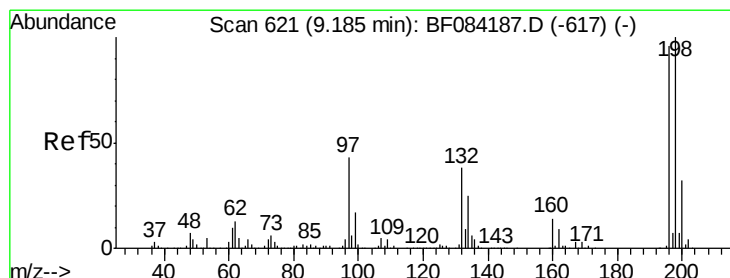
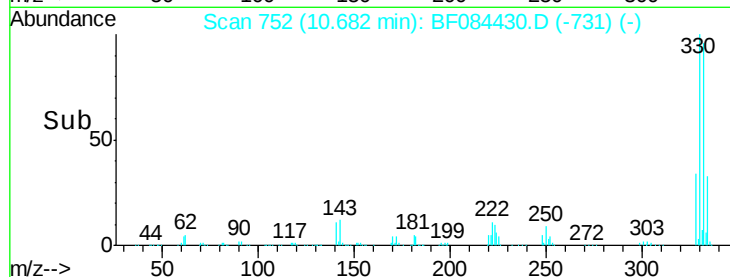
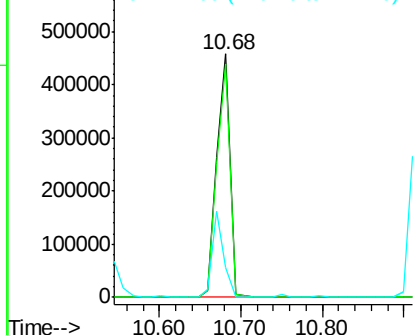
#41
 2,4,6-Tribromophenol
 Concen: 115.82 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

Tgt Ion:330 Resp: 514776
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 31.5 27.8 41.6

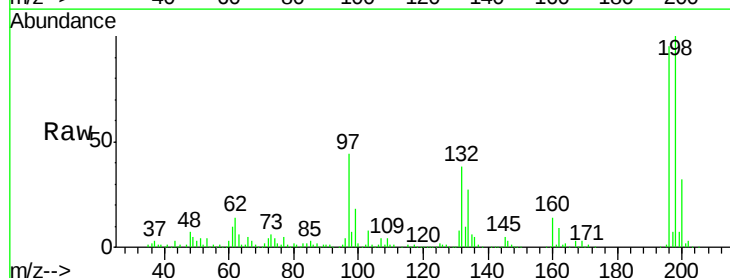


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

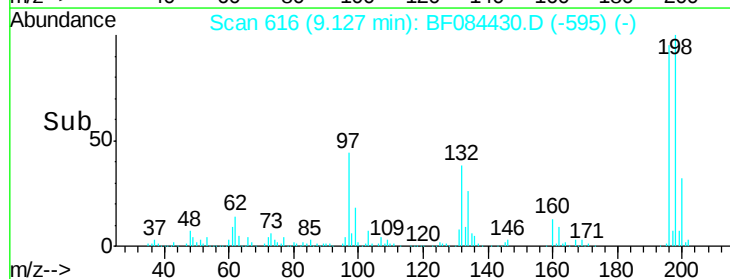
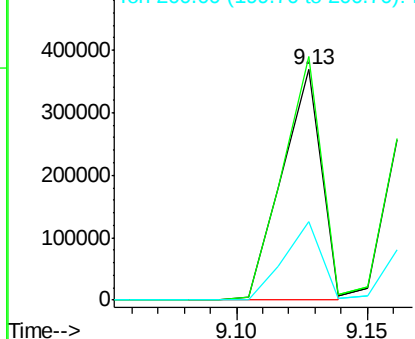


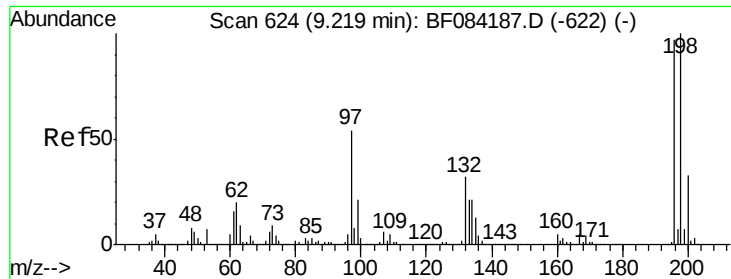
#42
 2,4,6-Trichlorophenol
 Concen: 40.61 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Tgt Ion:196 Resp: 384524
 Ion Ratio Lower Upper
 196 100
 198 105.6 77.7 116.5
 200 33.9 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

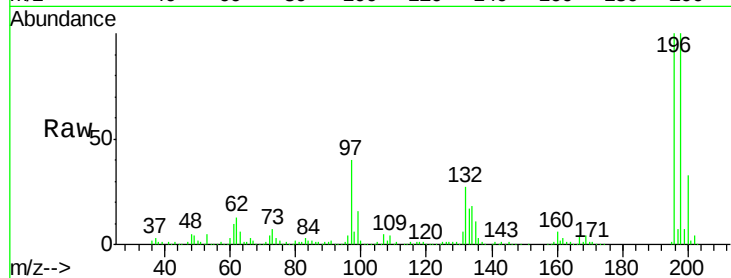




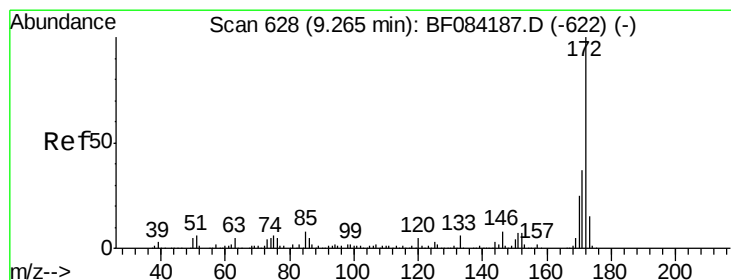
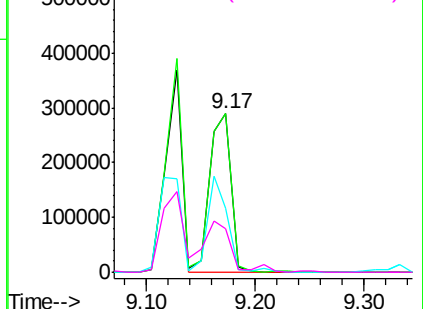
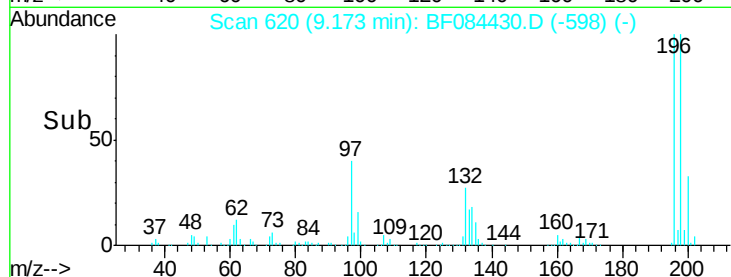
#43
 2,4,5-Trichlorophenol
 Concen: 44.04 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

Tgt Ion	Resp	Lower	Upper
196	100		
198	100.4	79.0	118.6
97	40.3	33.0	49.6
132	27.1	21.1	31.7

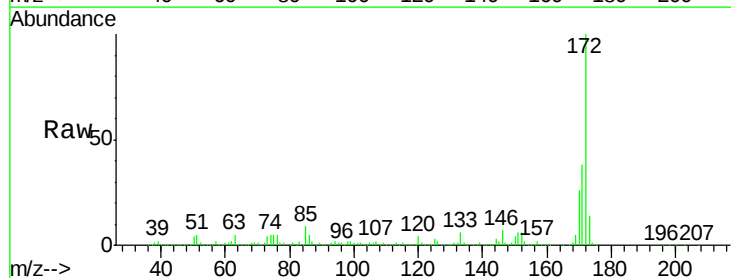


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

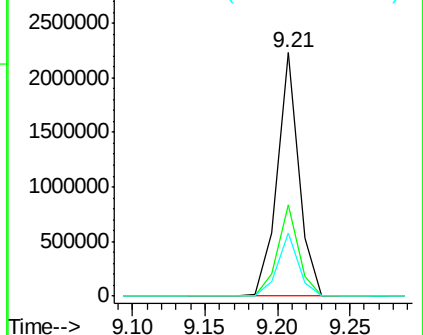
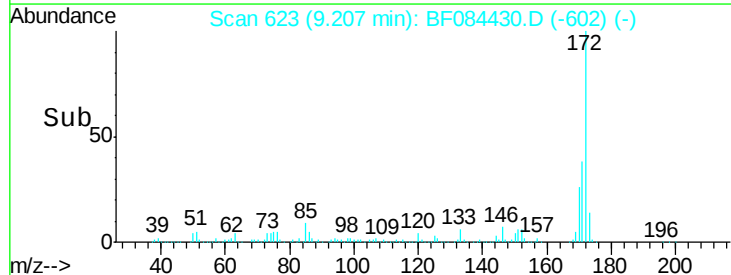


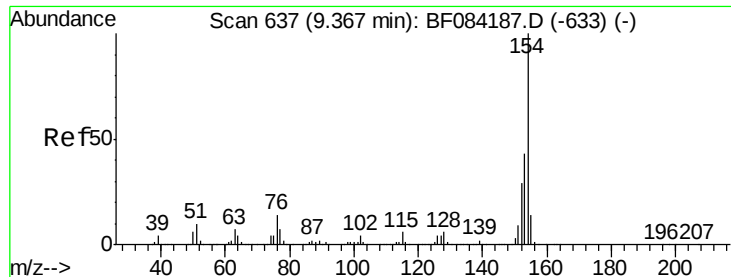
#44
 2-Fluorobiphenyl
 Concen: 92.40 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.7	28.9	43.3
170	26.1	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

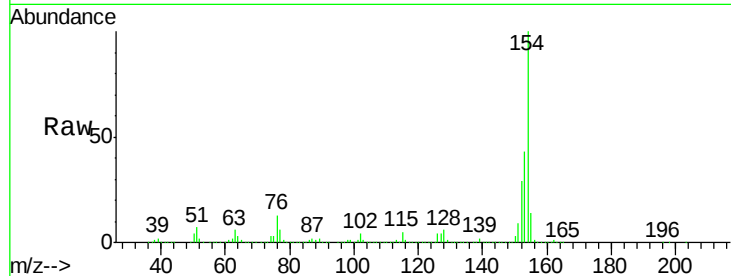




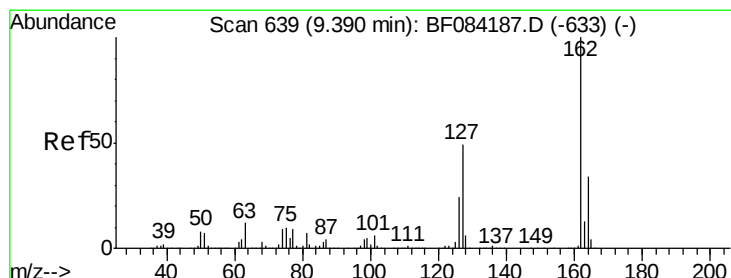
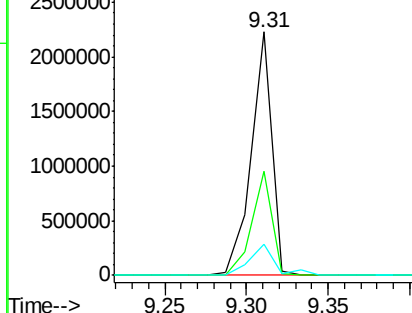
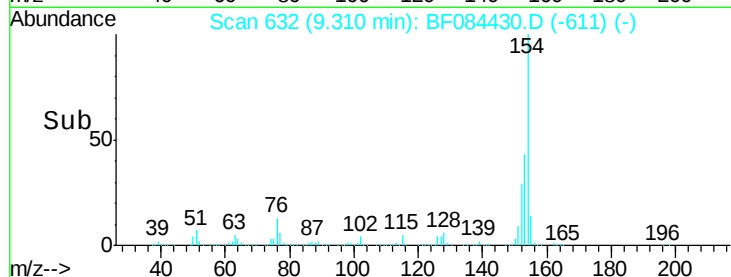
#45
 1,1'-Biphenyl
 Concen: 55.74 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

Tgt Ion:154 Resp: 1950187
 Ion Ratio Lower Upper
 154 100
 153 43.0 21.6 61.6
 76 12.6 0.0 32.7

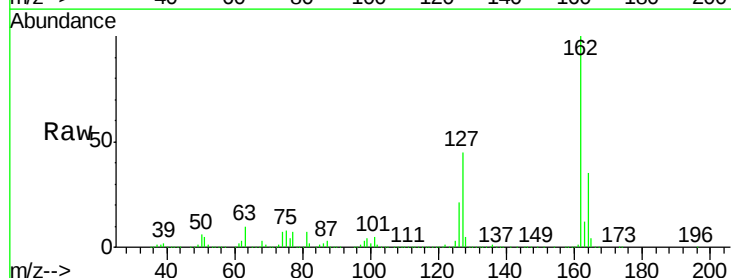


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

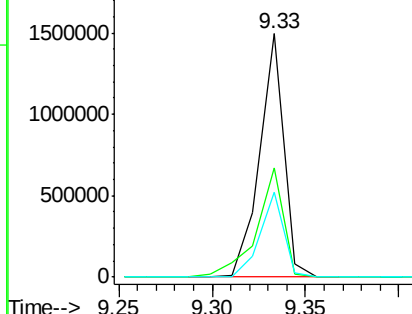
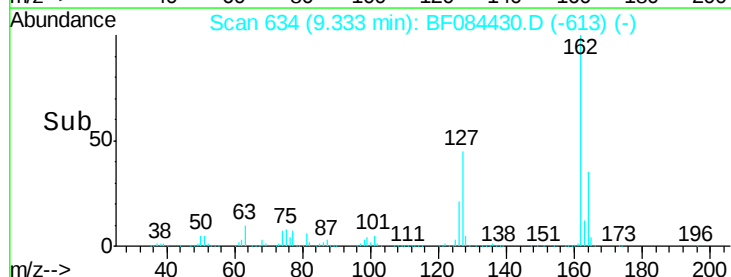


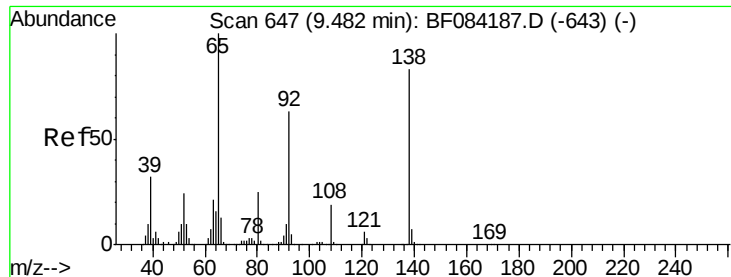
#46
 2-Chloronaphthalene
 Concen: 49.60 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Tgt Ion:162 Resp: 1363345
 Ion Ratio Lower Upper
 162 100
 127 44.6 40.2 60.4
 164 34.7 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

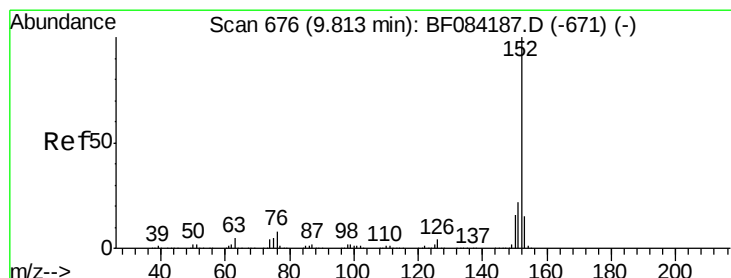
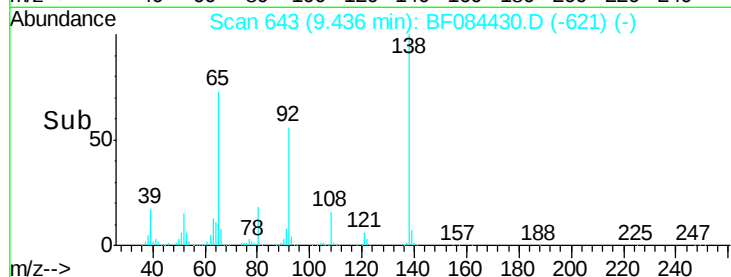
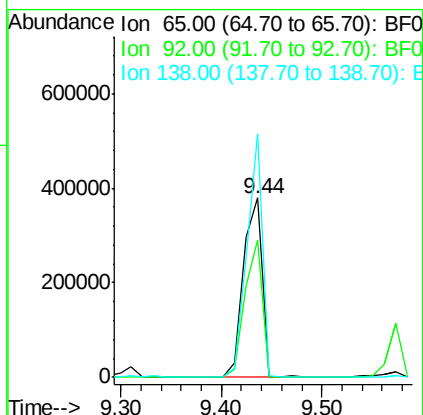
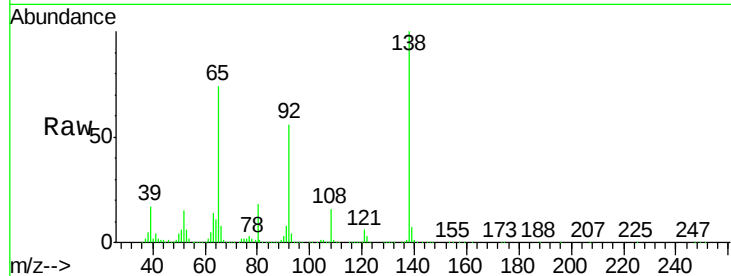




#47
2-Nitroaniline
Concen: 54.17 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

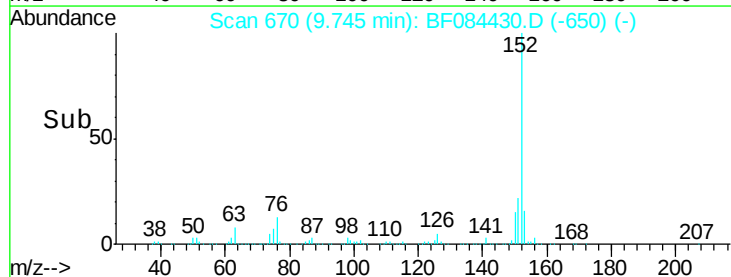
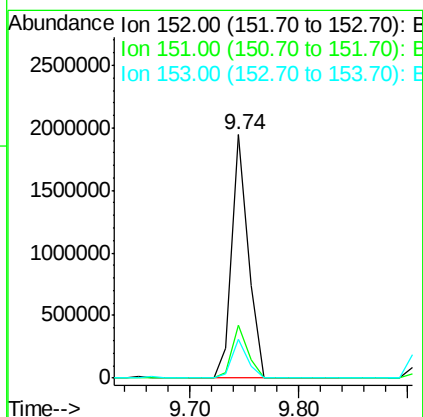
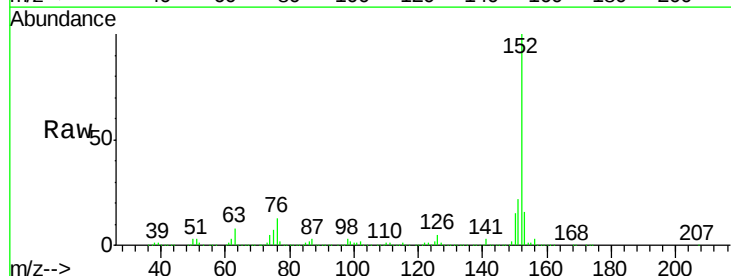
Instrument :
BNA_F
ClientSampleId :
RX2MSD

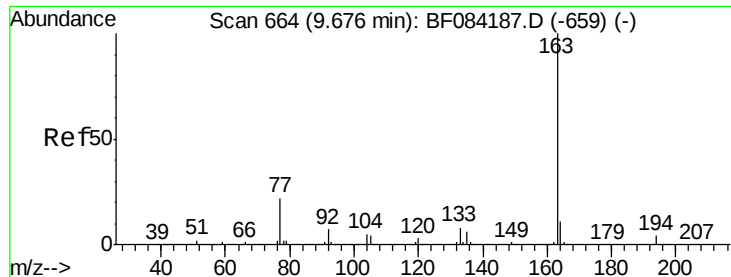
Tgt Ion: 65 Resp: 491341
Ion Ratio Lower Upper
65 100
92 76.7 53.4 80.2
138 135.7 71.1 106.7#



#48
Acenaphthylene
Concen: 49.56 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion: 152 Resp: 2012405
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 15.8 10.4 15.6#





#49

Dimethylphthalate

Concen: 54.20 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

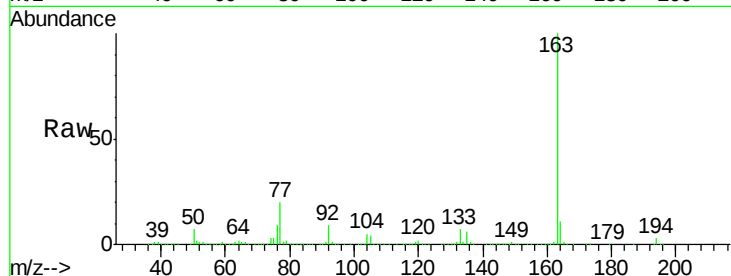
Tgt Ion:163 Resp: 1705931

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

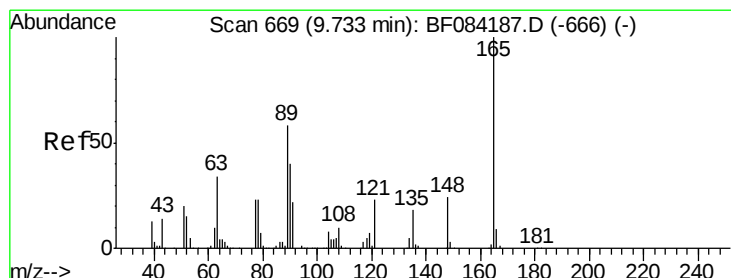
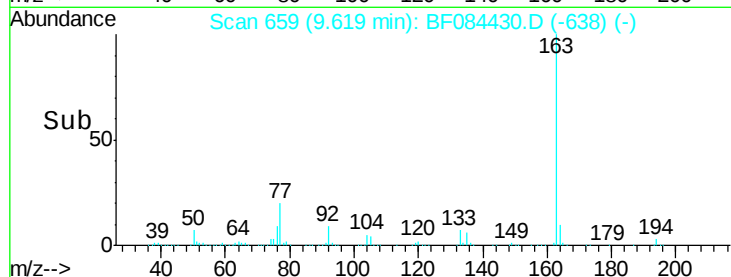
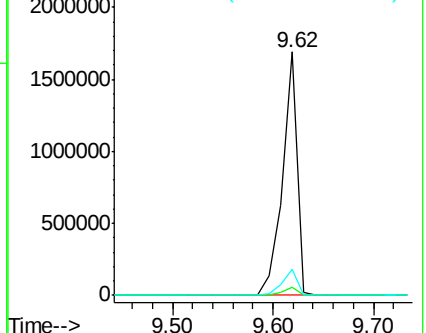
164 10.5 8.0 12.0



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: 53.45 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

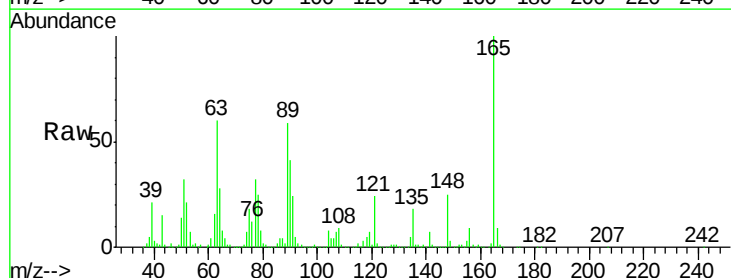
Tgt Ion:165 Resp: 368960

Ion Ratio Lower Upper

165 100

63 60.5 28.8 43.2#

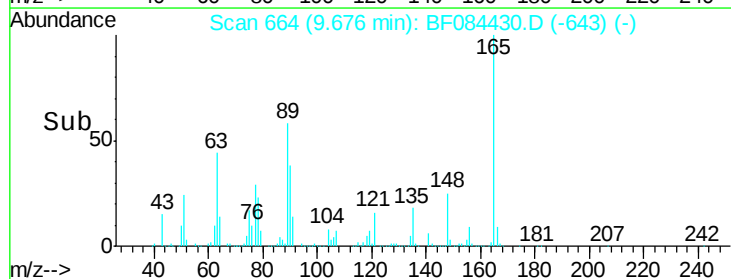
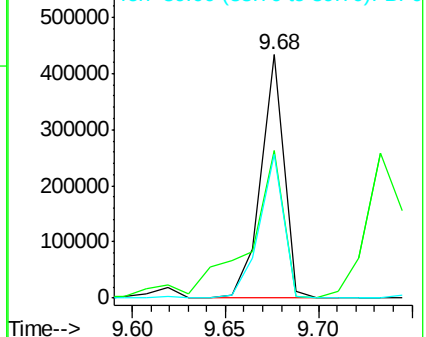
89 58.8 35.1 52.7#

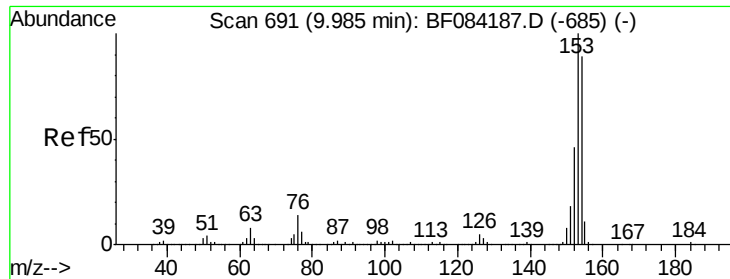


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 73.61 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

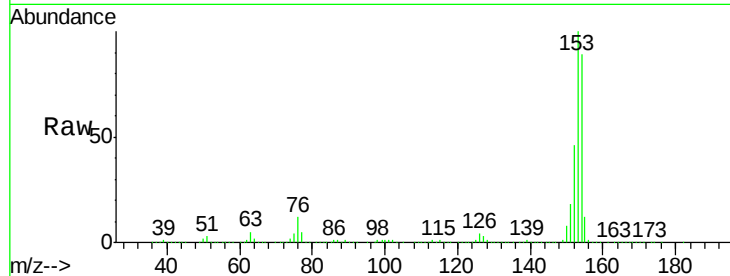
Tgt Ion:154 Resp: 2005047

Ion Ratio Lower Upper

154 100

153 112.3 91.5 137.3

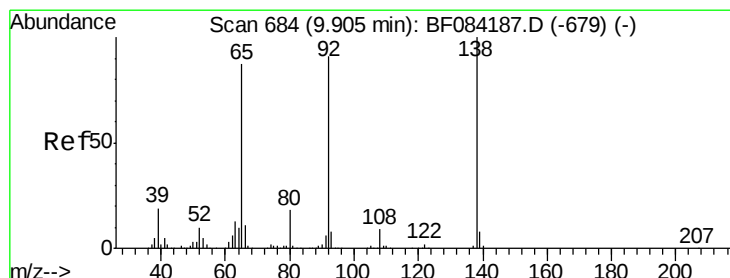
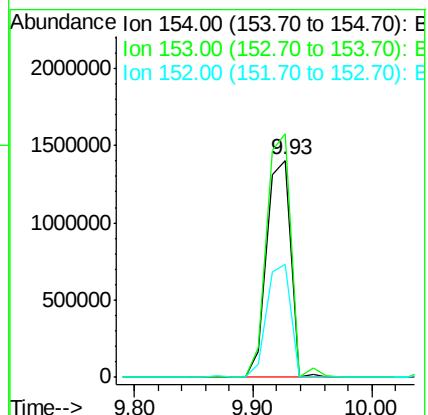
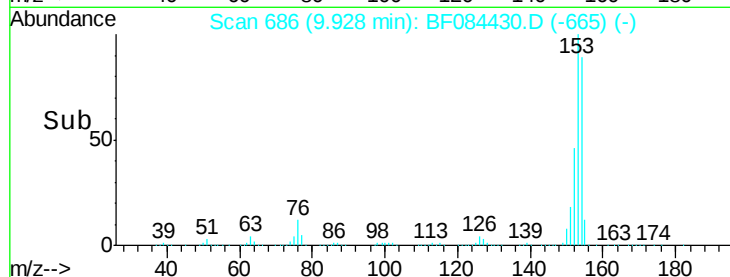
152 52.1 43.0 64.6



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: 49.35 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

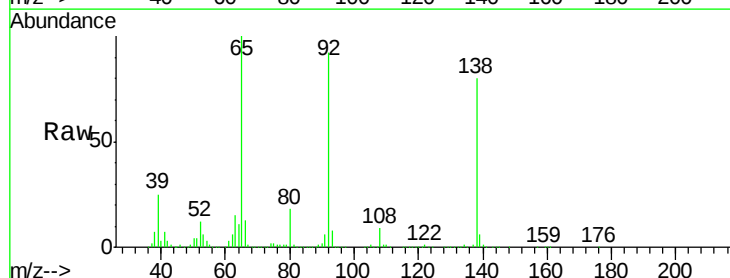
Tgt Ion:138 Resp: 422120

Ion Ratio Lower Upper

138 100

108 10.7 10.5 15.7

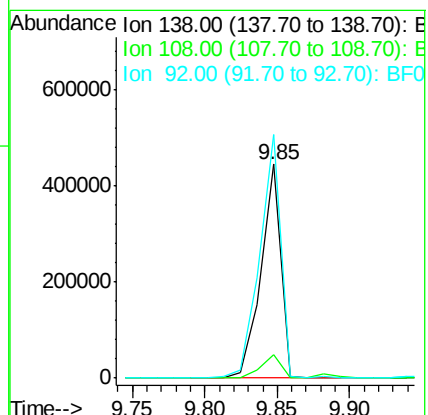
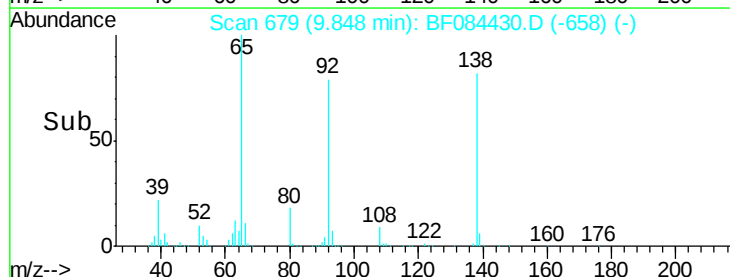
92 114.0 103.9 155.9

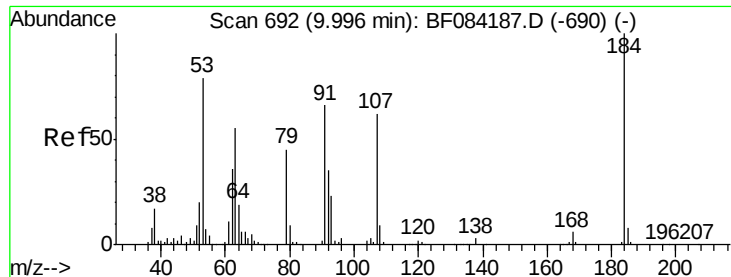


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

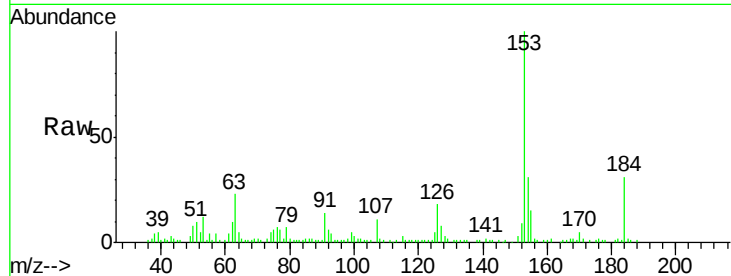




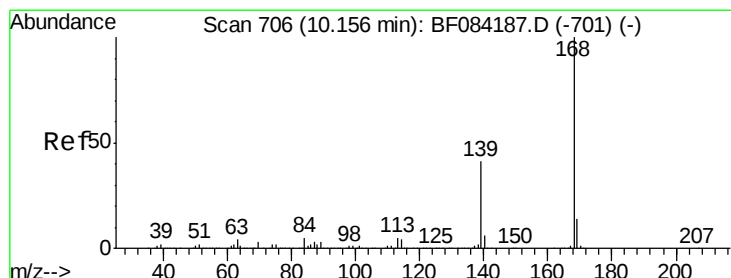
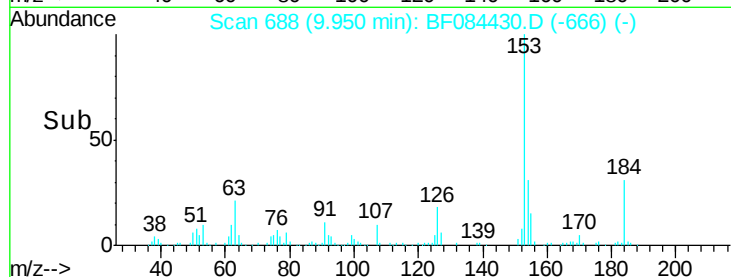
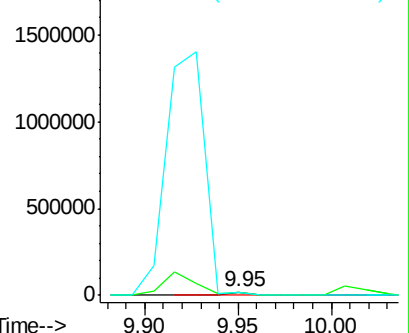
#53
2,4-Dinitrophenol
Concen: 10.06 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Instrument :
BNA_F
ClientSampleId :
RX2MSD

Tgt Ion:184 Resp: 20015
Ion Ratio Lower Upper
184 100
63 73.4 43.1 64.7#
154 100.3 60.5 90.7#

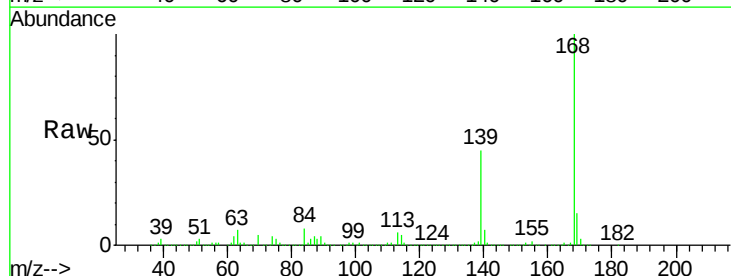


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

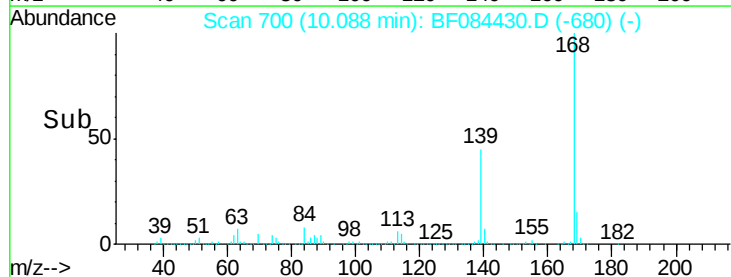
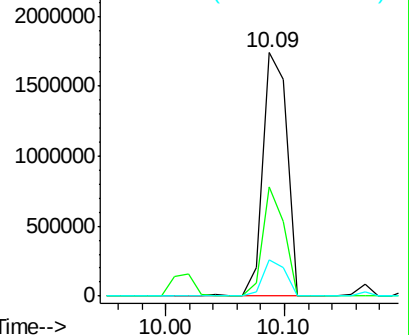


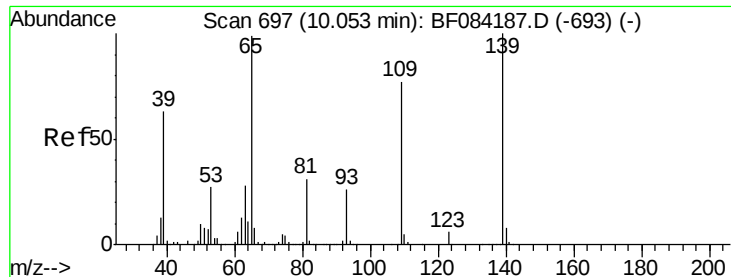
#54
Dibenzofuran
Concen: 69.97 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:168 Resp: 2409973
Ion Ratio Lower Upper
168 100
139 44.7 30.5 45.7
169 14.9 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

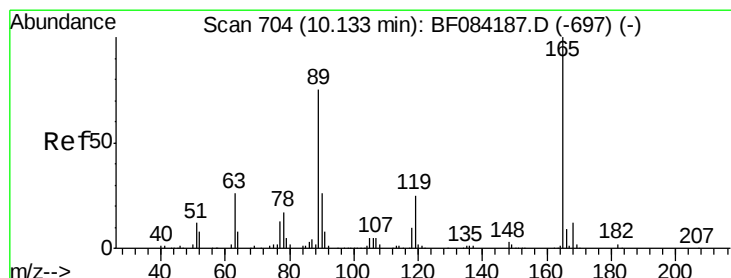
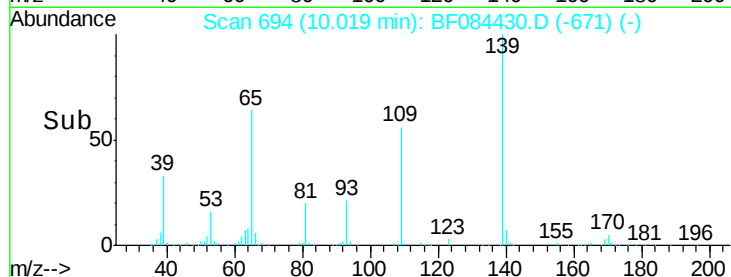
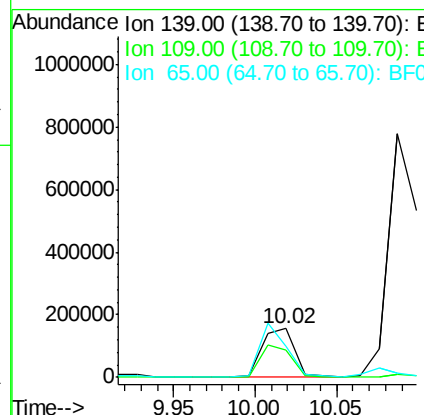
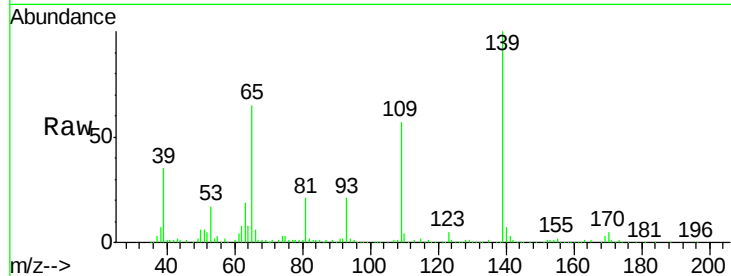




#55
4-Nitrophenol
Concen: 35.13 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

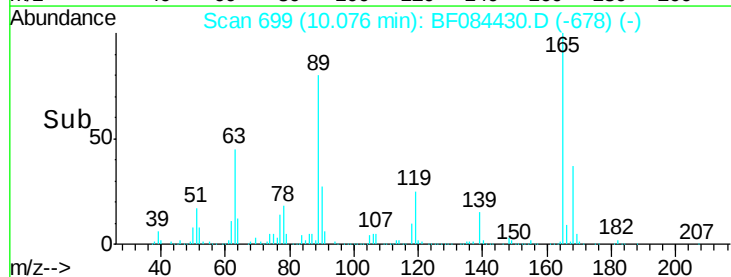
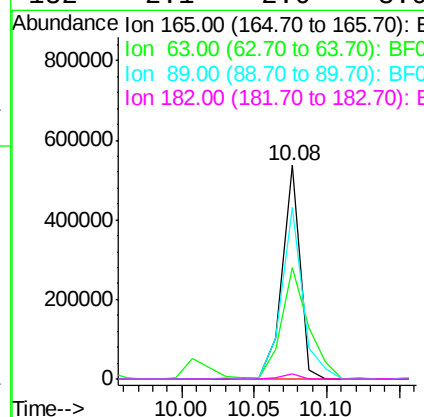
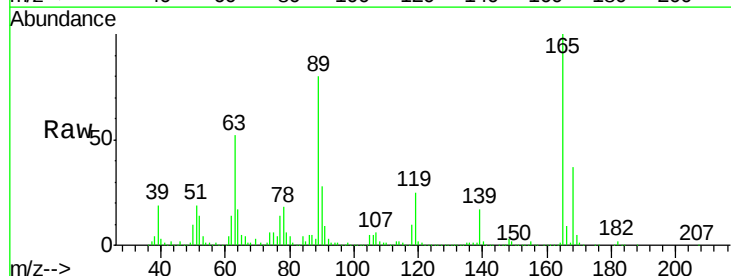
Instrument :
BNA_F
ClientSampleId :
RX2MSD

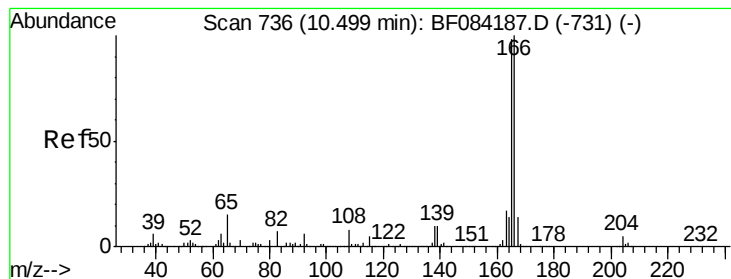
Tgt Ion:139 Resp: 218142
Ion Ratio Lower Upper
139 100
109 57.2 58.5 98.5#
65 64.6 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 52.53 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:165 Resp: 458917
Ion Ratio Lower Upper
165 100
63 52.1 36.7 55.1
89 80.2 61.9 92.9
182 2.1 2.0 3.0





#57

Fluorene

Concen: 64.81 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.07 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

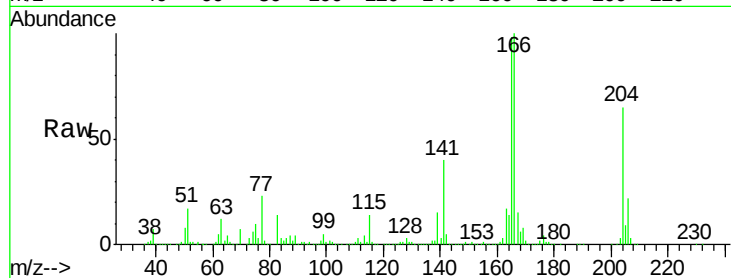
Tgt Ion:166 Resp: 1739218

Ion Ratio Lower Upper

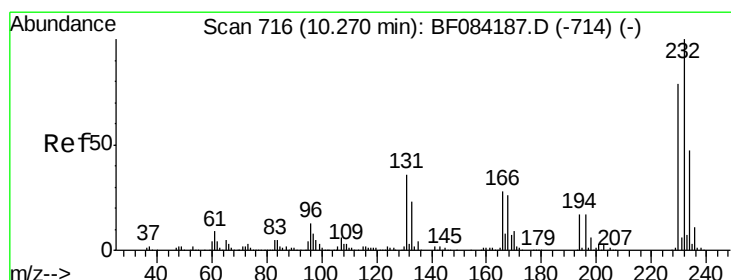
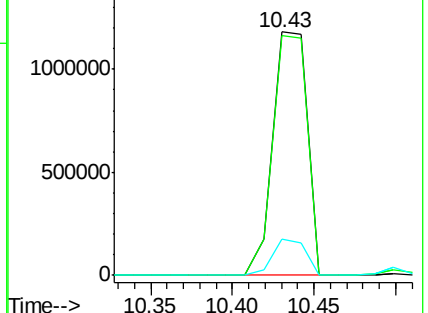
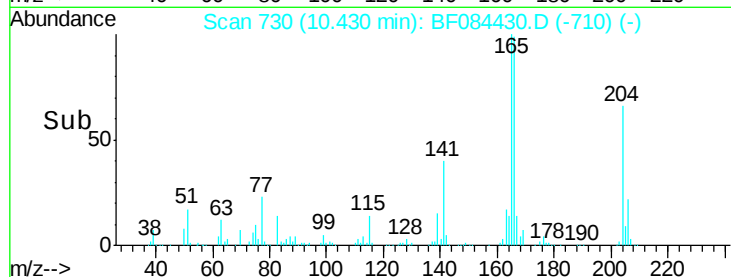
166 100

165 98.4 79.1 118.7

167 14.7 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: 39.25 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Tgt Ion:232 Resp: 304178

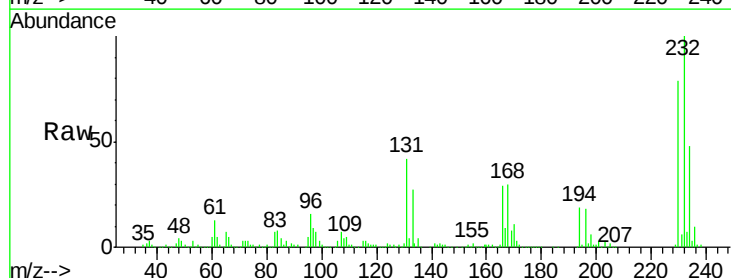
Ion Ratio Lower Upper

232 100

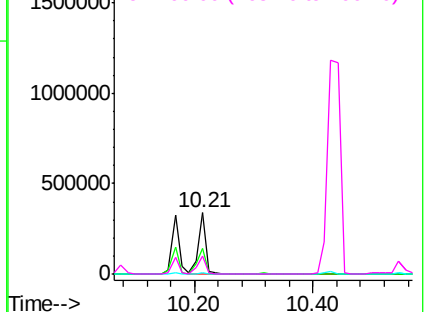
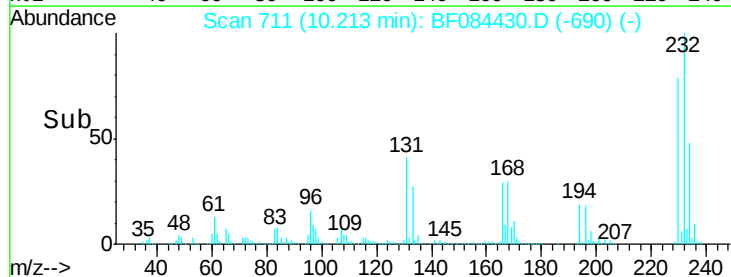
131 47.8 47.0 70.6

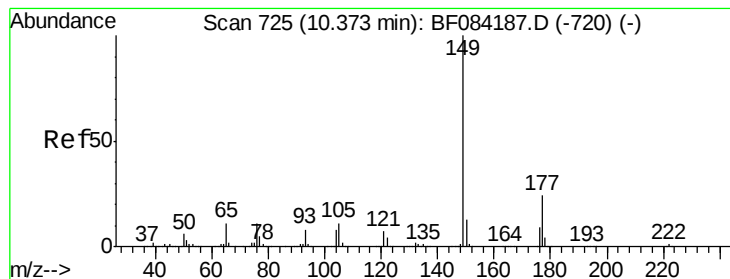
130 2.7 2.0 3.0

166 31.2 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: 51.68 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

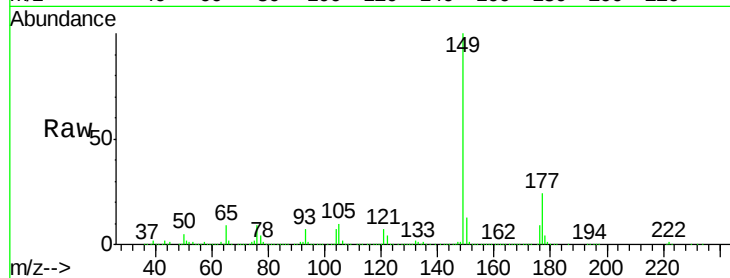
Tgt Ion:149 Resp: 1603665

Ion Ratio Lower Upper

149 100

177 24.1 17.3 25.9

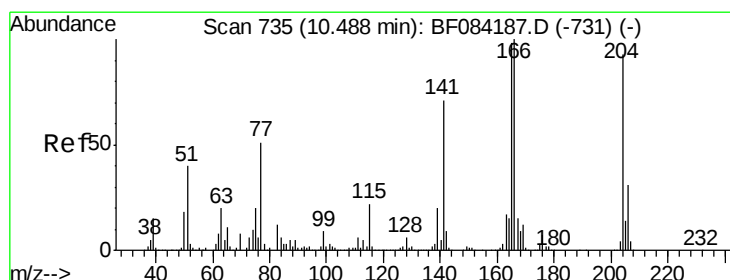
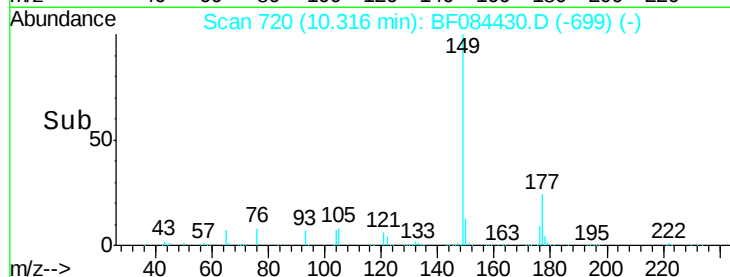
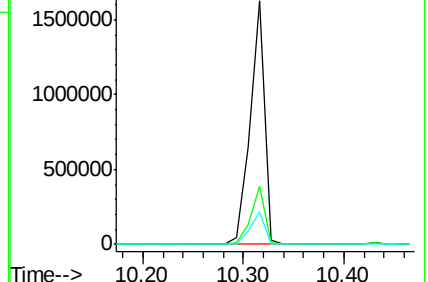
150 13.2 9.8 14.8



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: 61.26 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

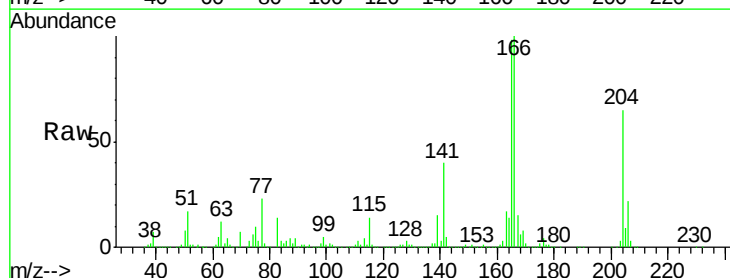
Tgt Ion:204 Resp: 672123

Ion Ratio Lower Upper

204 100

206 33.8 25.7 38.5

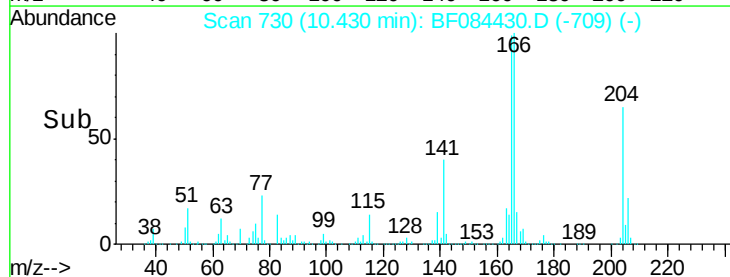
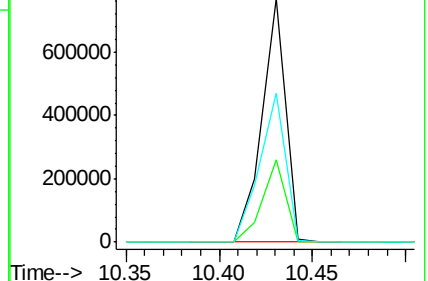
141 61.2 55.1 82.7

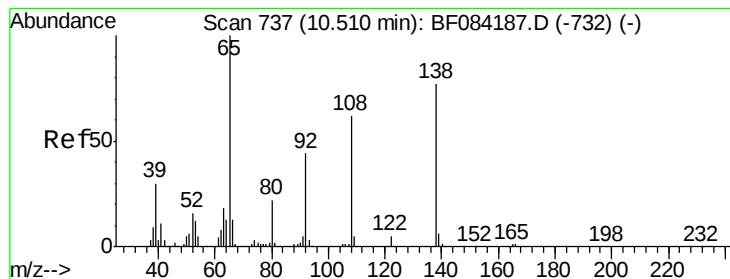


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.26 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

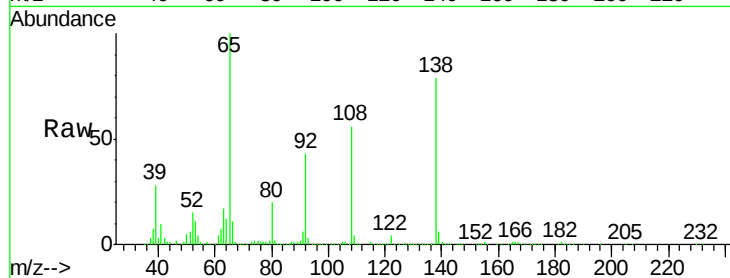
Tgt Ion: 138 Resp: 329868

Ion Ratio Lower Upper

138 100

92 55.0 32.6 72.6

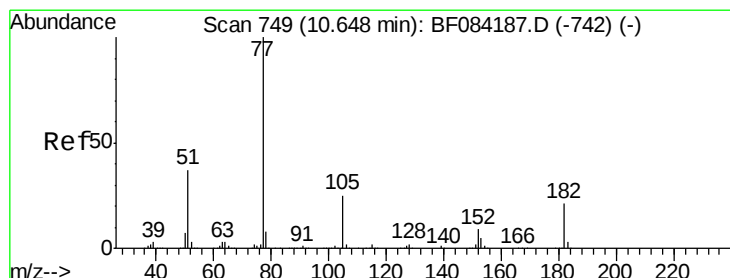
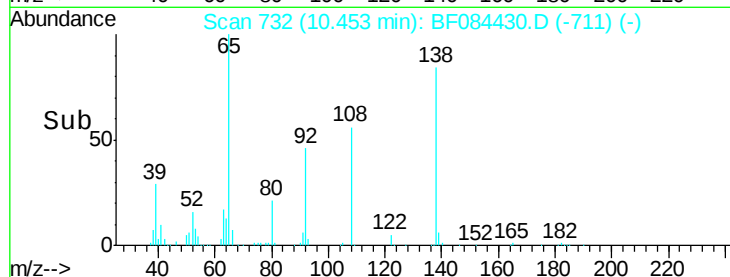
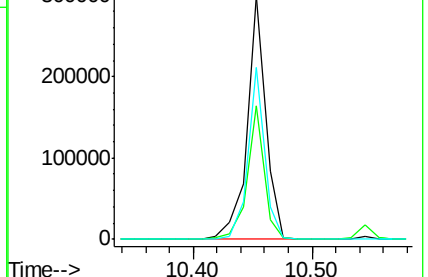
108 70.8 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 52.35 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Tgt Ion: 77 Resp: 1781880

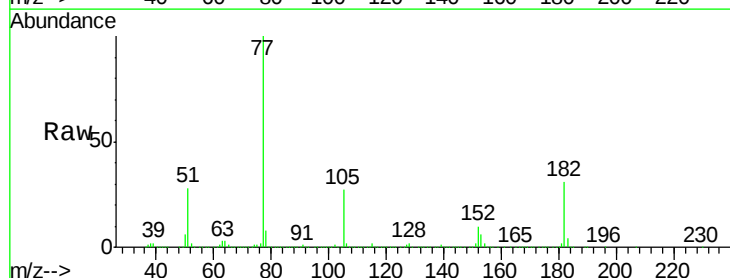
Ion Ratio Lower Upper

77 100

182 31.2 8.3 48.3

105 26.9 4.6 44.6

51 28.5 6.2 46.2

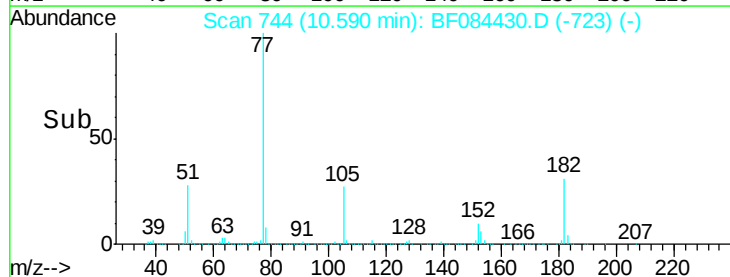
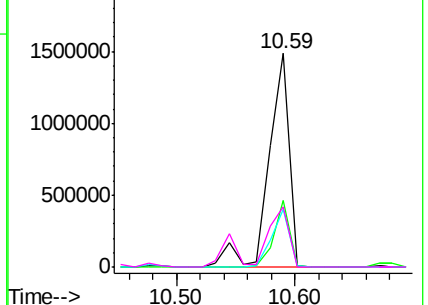


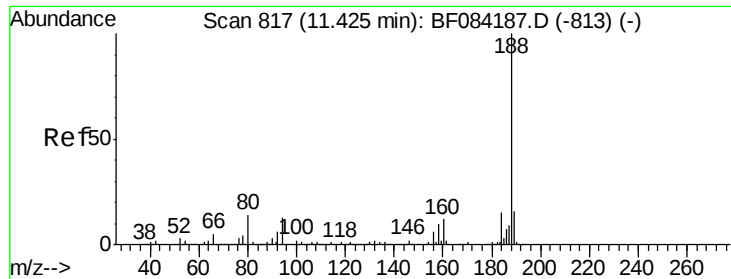
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

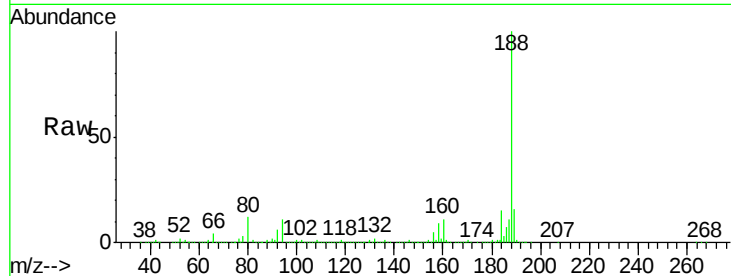




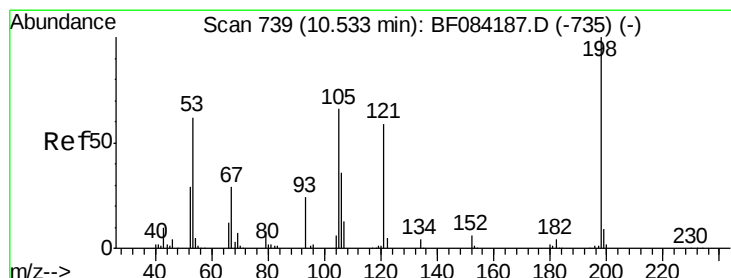
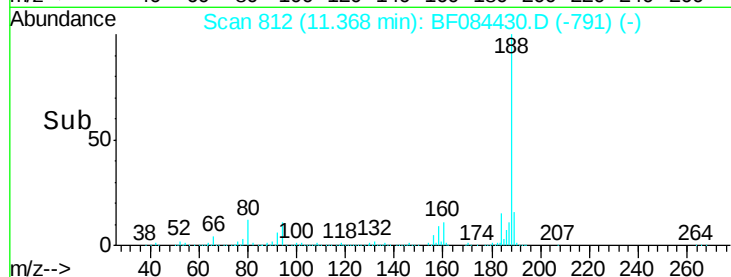
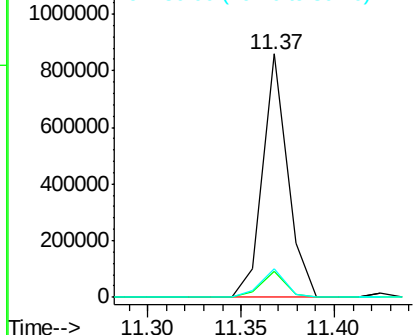
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Instrument :
BNA_F
ClientSampleId :
RX2MSD

Tgt Ion:188 Resp: 792794
Ion Ratio Lower Upper
188 100
94 10.9 9.0 13.4
80 11.5 9.6 14.4

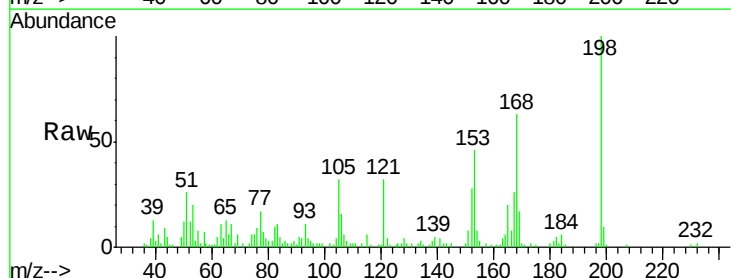


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

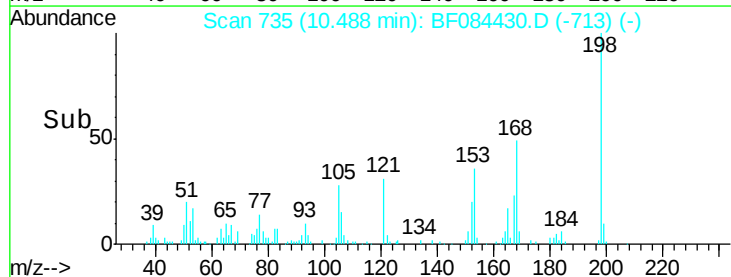
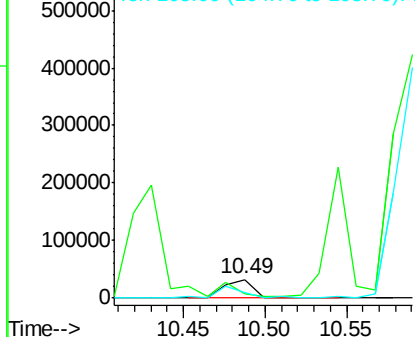


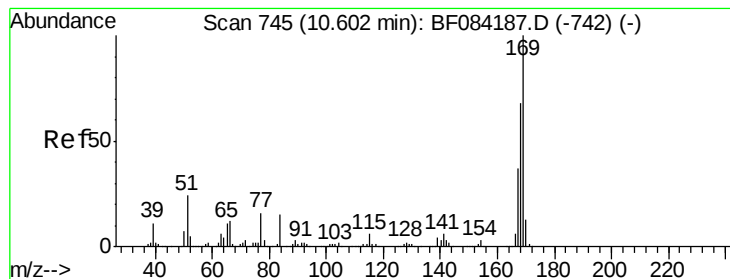
#64
4,6-Dinitro-2-methylphenol
Concen: 12.59 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:198 Resp: 40369
Ion Ratio Lower Upper
198 100
51 25.7 18.9 58.9
105 31.5 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.47 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

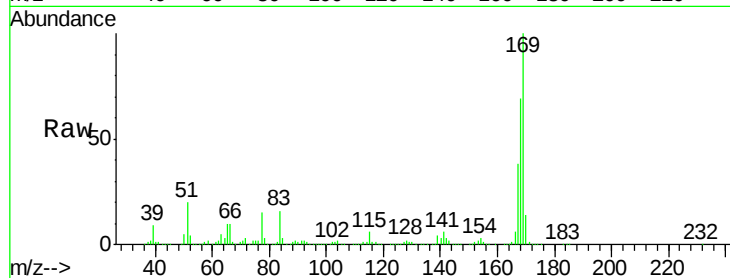
Tgt Ion:169 Resp: 1203248

Ion Ratio Lower Upper

169 100

168 68.6 55.1 82.7

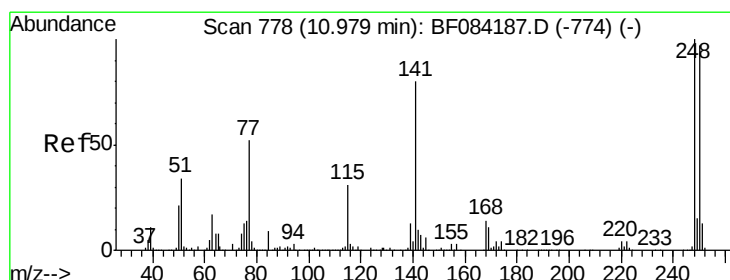
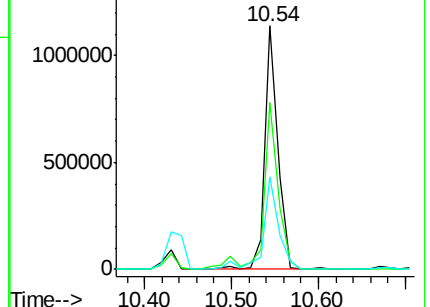
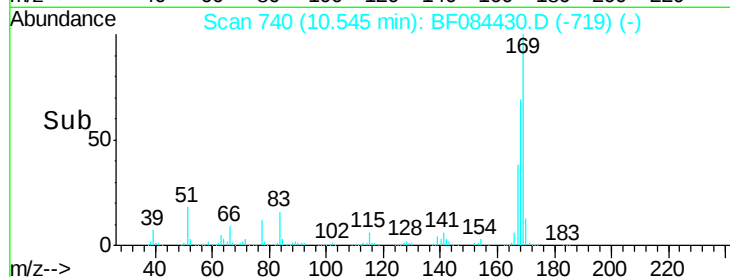
167 38.1 30.0 45.0



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: 53.09 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

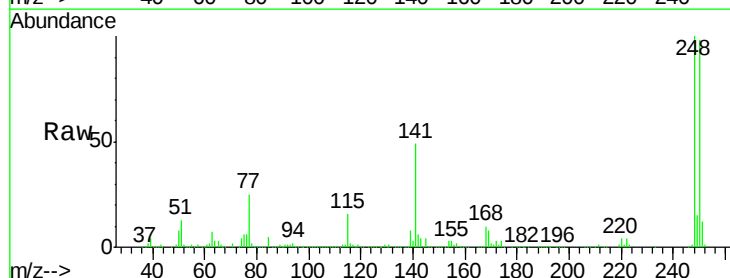
Tgt Ion:248 Resp: 453033

Ion Ratio Lower Upper

248 100

250 98.3 78.4 117.6

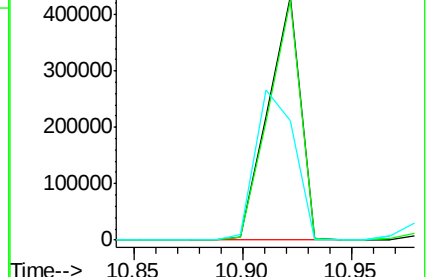
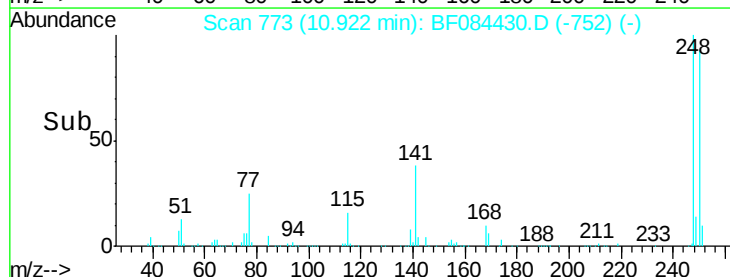
141 49.2 44.0 66.0

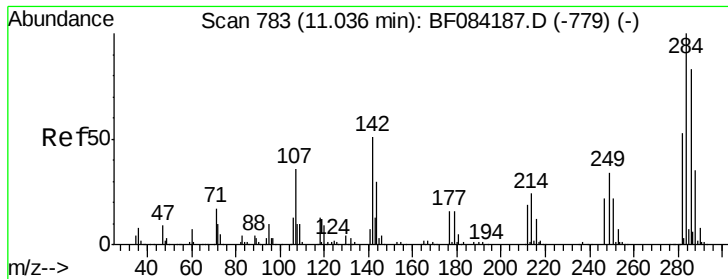


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.60 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

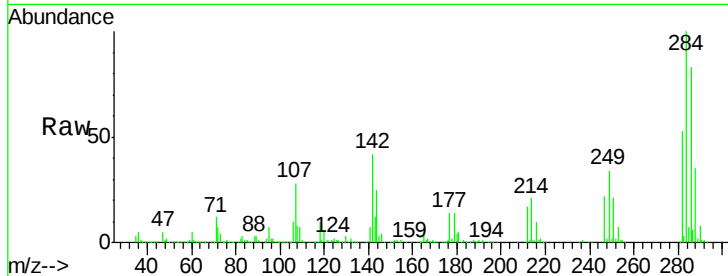
Tgt Ion:284 Resp: 437959

Ion Ratio Lower Upper

284 100

142 41.9 22.2 33.4#

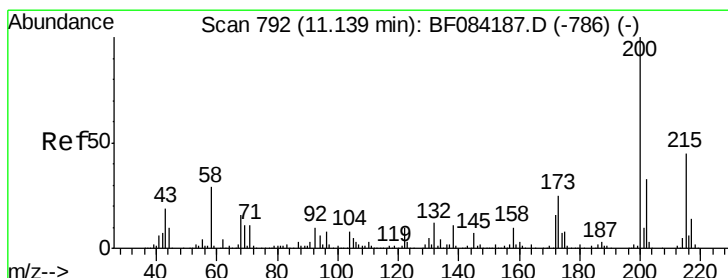
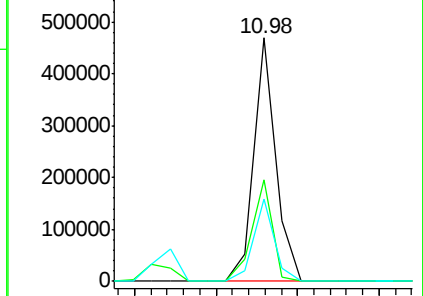
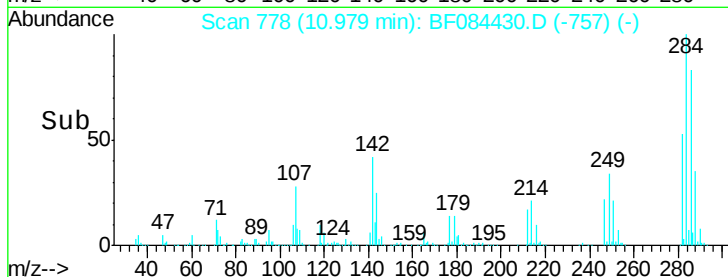
249 33.9 24.6 37.0



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: 53.82 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

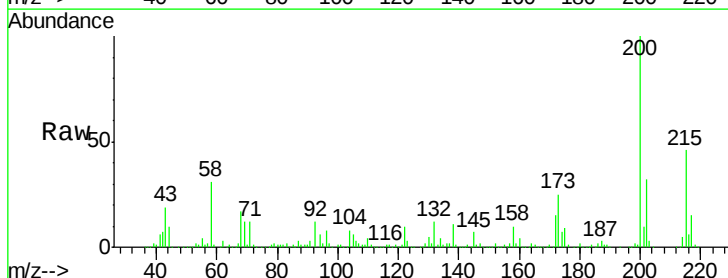
Tgt Ion:200 Resp: 446406

Ion Ratio Lower Upper

200 100

173 24.9 9.5 49.5

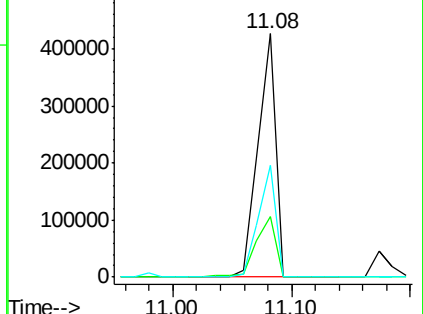
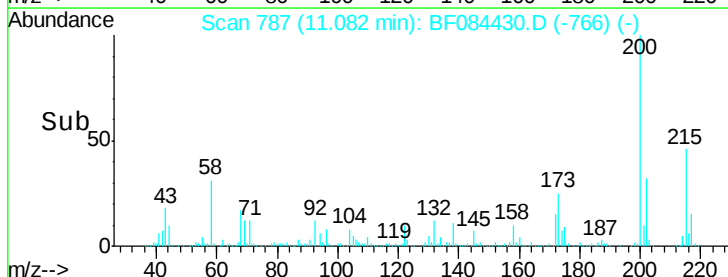
215 46.0 23.8 63.8

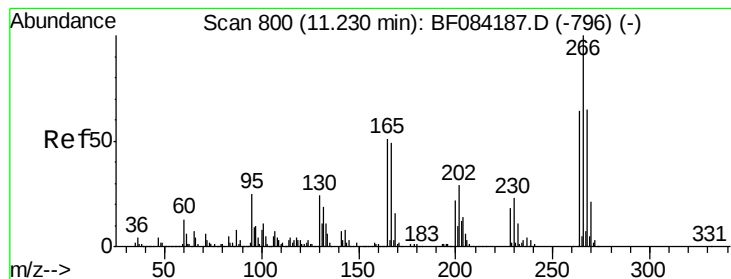


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 45.69 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

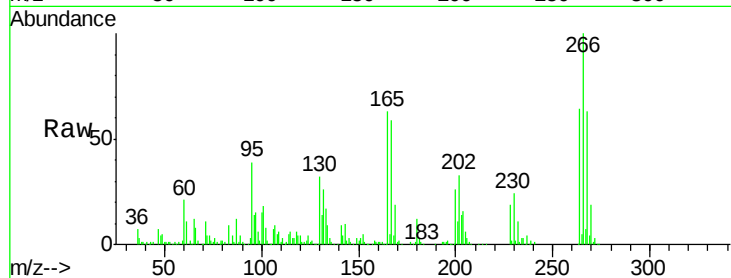
Tgt Ion:266 Resp: 227518

Ion Ratio Lower Upper

266 100

268 62.5 52.4 78.6

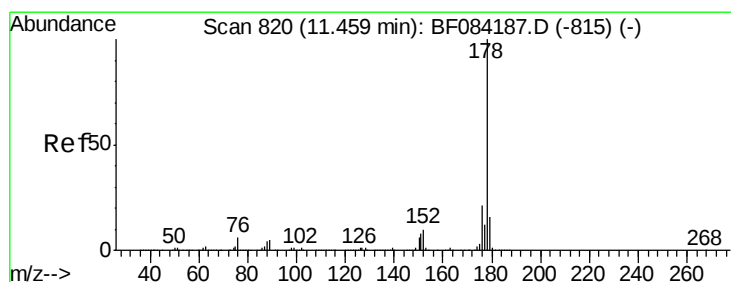
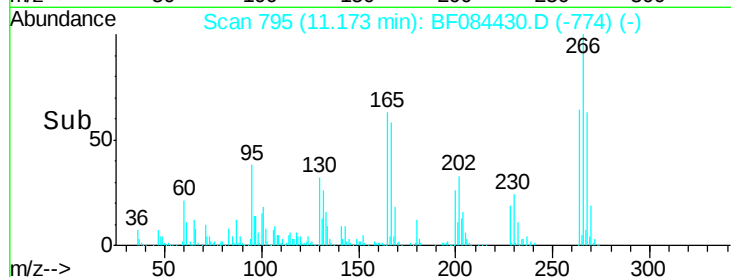
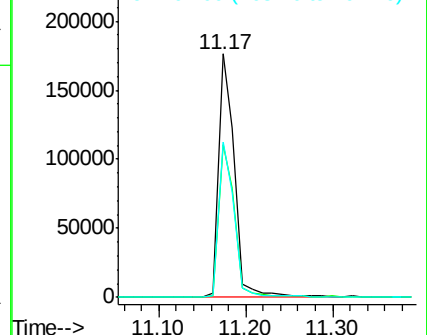
264 63.5 50.2 75.2



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: 63.53 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.07 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

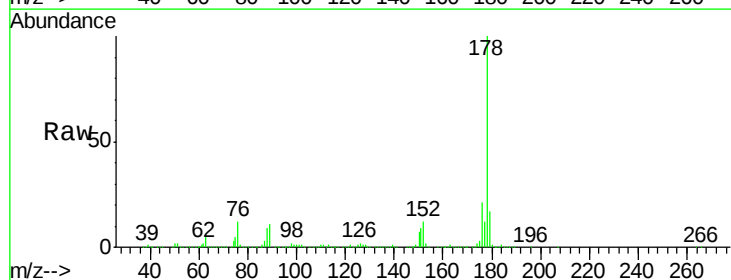
Tgt Ion:178 Resp: 2634726

Ion Ratio Lower Upper

178 100

176 20.7 15.3 22.9

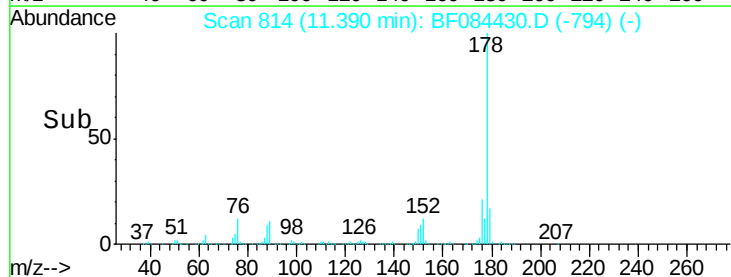
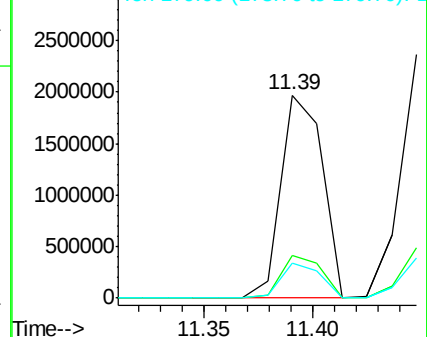
179 16.9 12.0 18.0

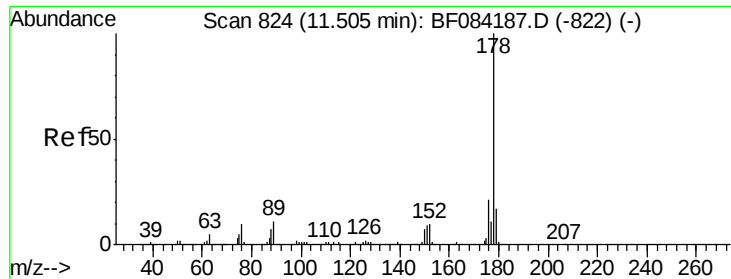


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

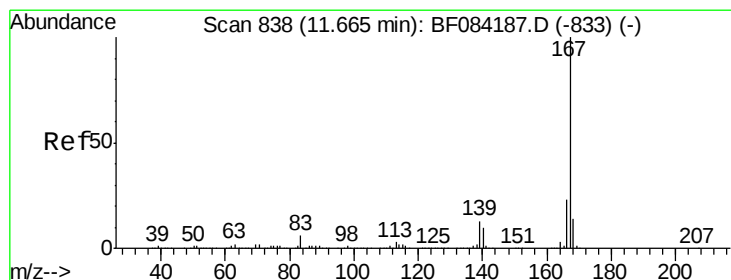
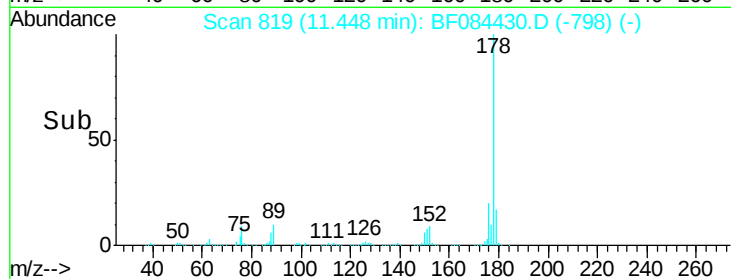
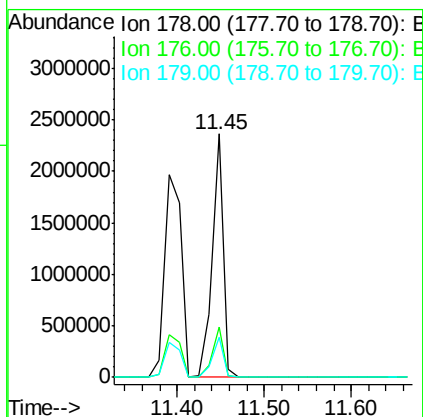
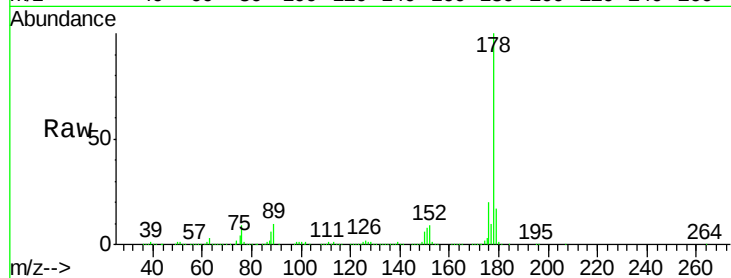




#71
 Anthracene
 Concen: 52.38 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

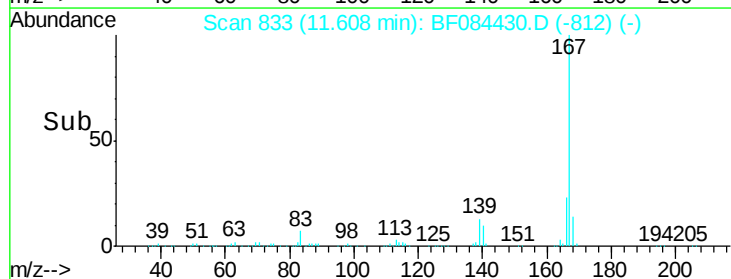
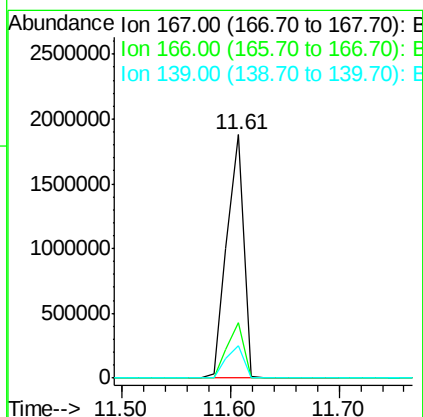
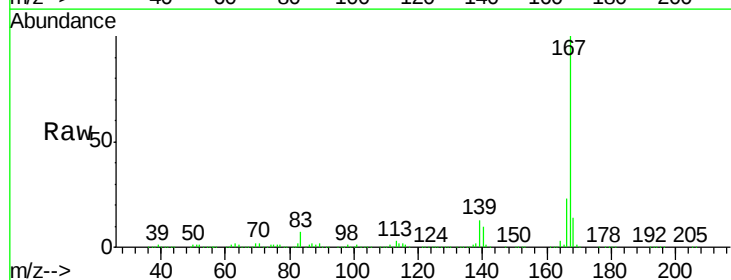
Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

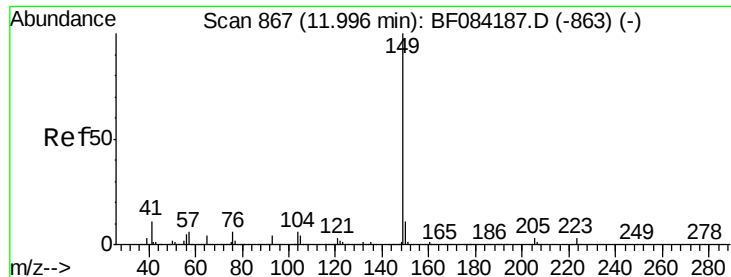
Tgt Ion:178 Resp: 2129292
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.4 23.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 50.96 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Tgt Ion:167 Resp: 2025229
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 13.4 11.8 17.8





#73

Di-n-butylphthalate

Concen: 56.18 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

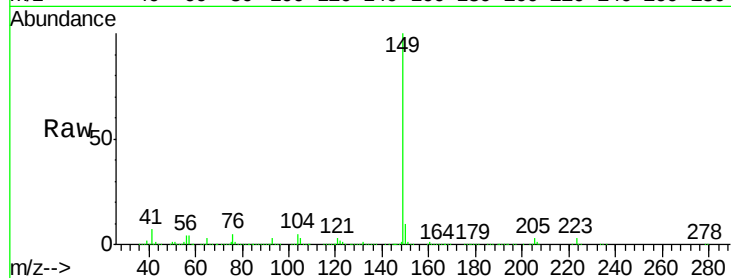
Tgt Ion:149 Resp: 2231904

Ion Ratio Lower Upper

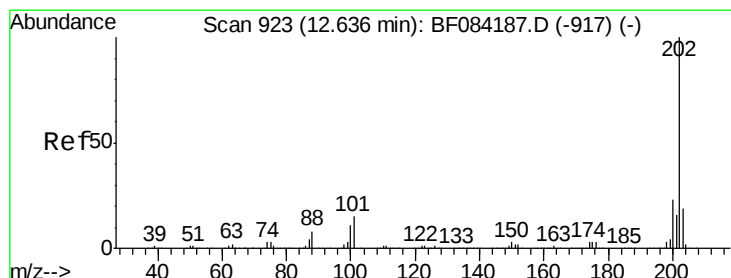
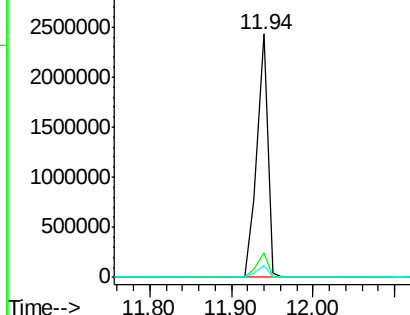
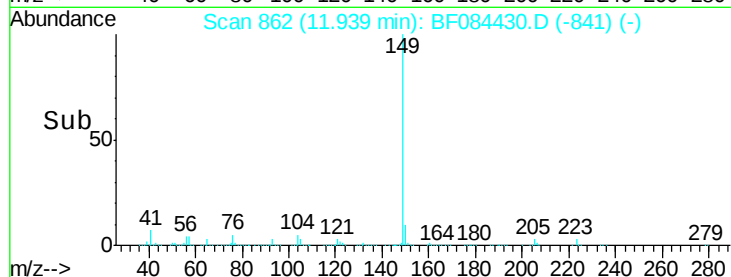
149 100

150 10.1 7.1 10.7

104 5.1 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: 42.73 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

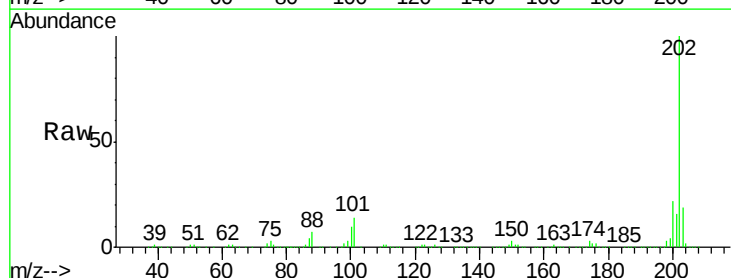
Tgt Ion:202 Resp: 1851149

Ion Ratio Lower Upper

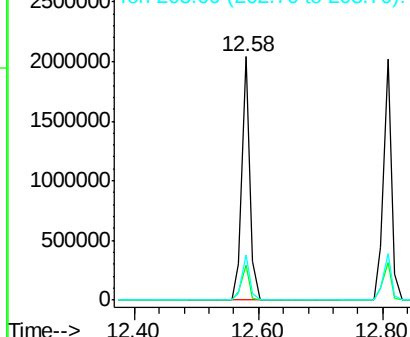
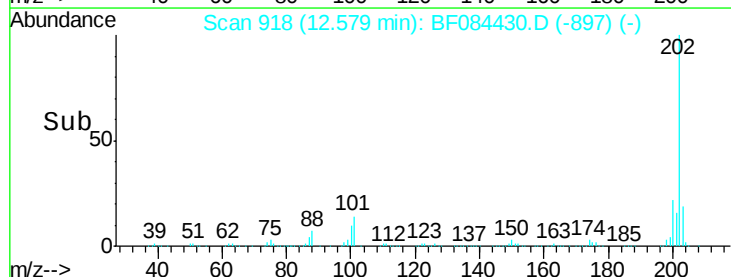
202 100

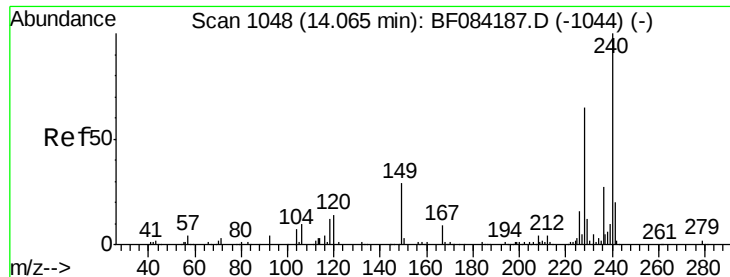
101 14.2 0.0 32.8

203 18.8 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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

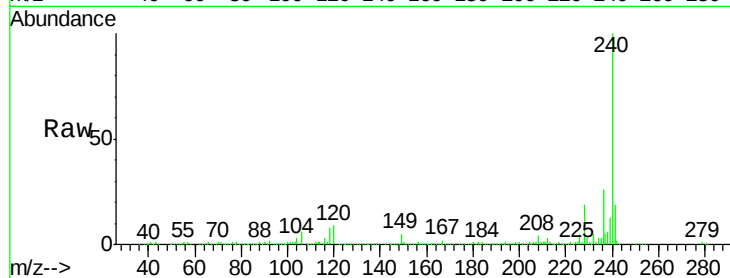
Tgt Ion:240 Resp: 485045

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

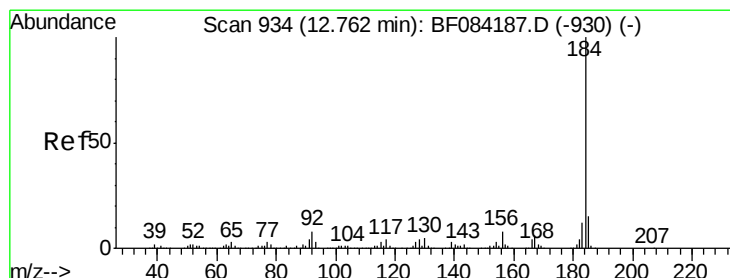
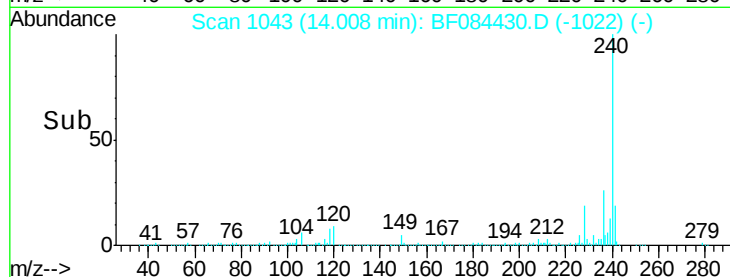
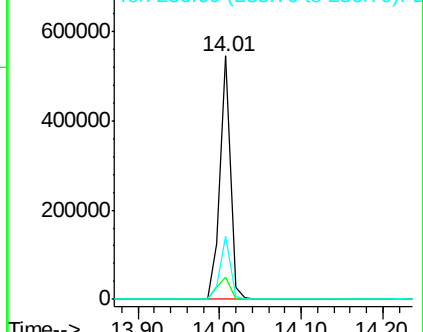
236 25.8 20.6 31.0



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: 36.40 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

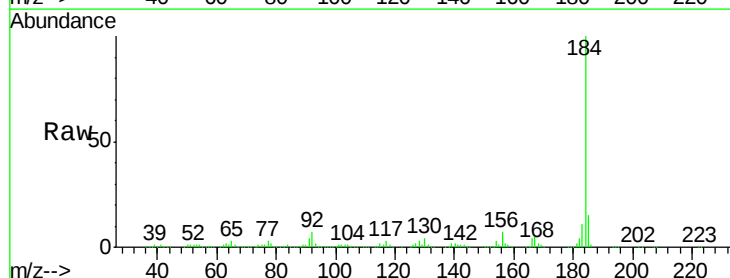
Tgt Ion:184 Resp: 633003

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

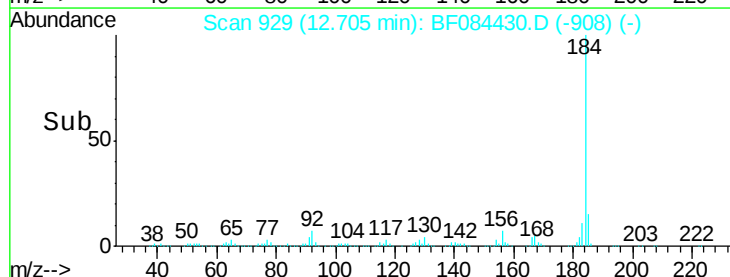
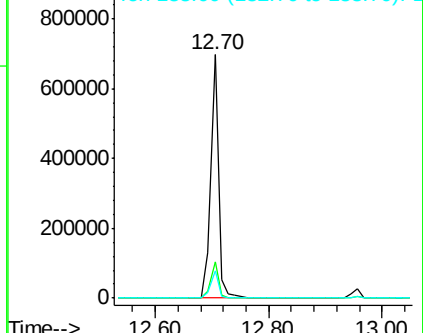
183 11.3 9.8 14.8

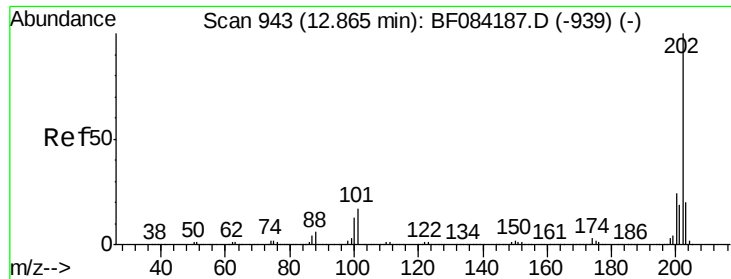


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

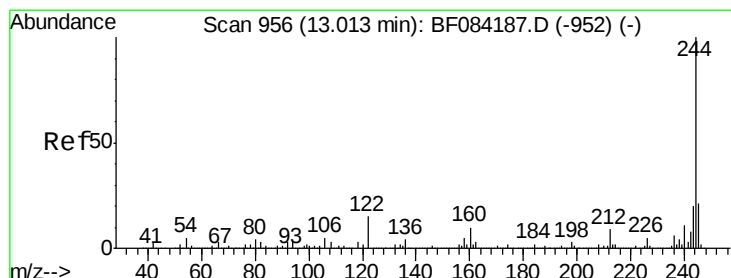
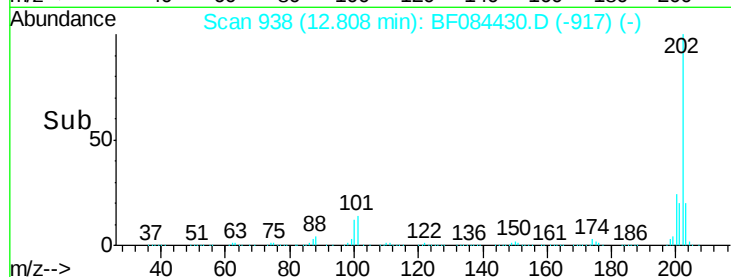
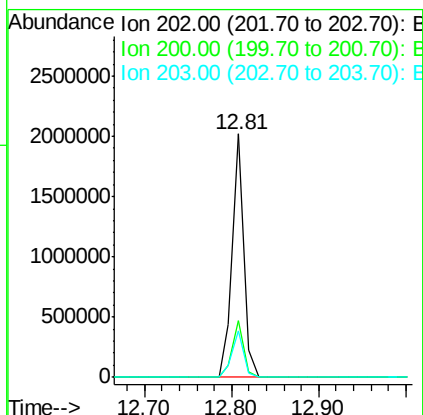
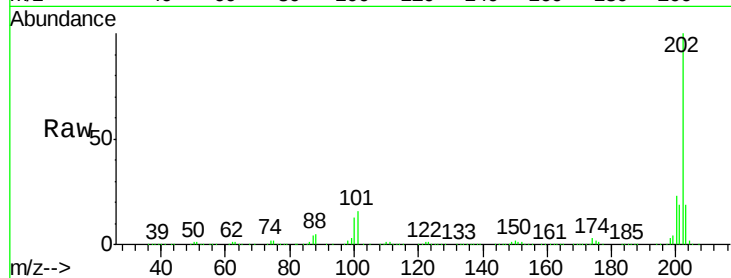




#77
 Pyrene
 Concen: 48.74 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

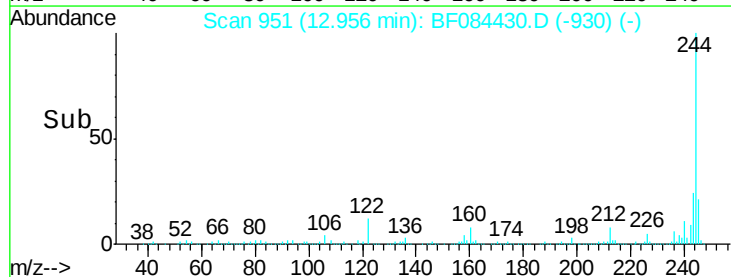
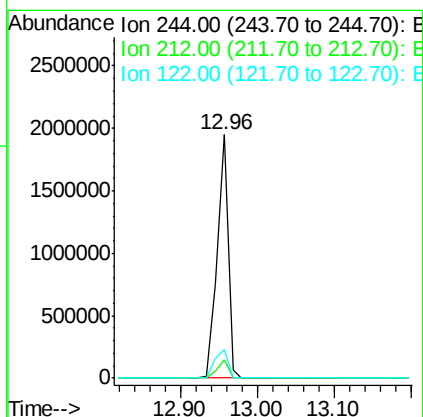
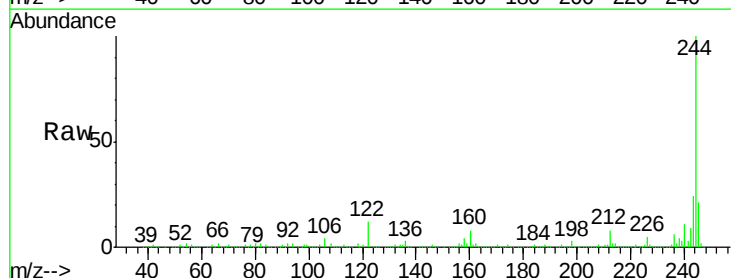
Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

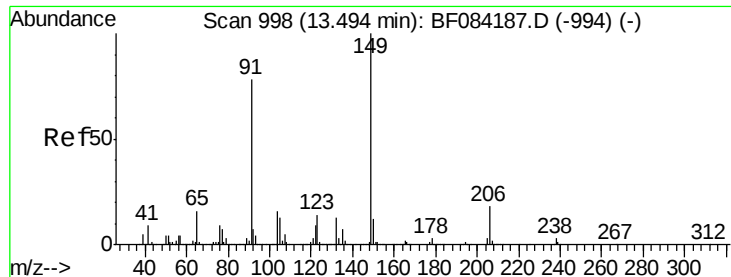
Tgt Ion: 202 Resp: 1855311
 Ion Ratio Lower Upper
 202 100
 200 23.5 17.2 25.8
 203 19.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 88.29 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Tgt Ion: 244 Resp: 1918451
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 11.8 7.4 11.0#

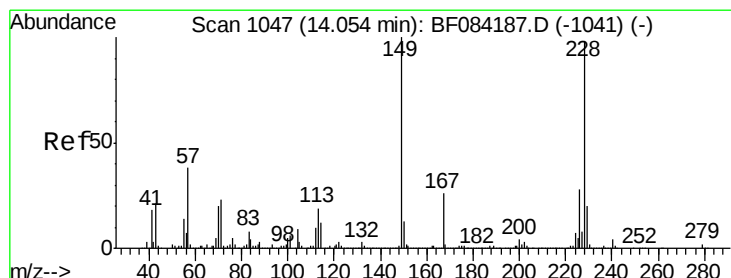
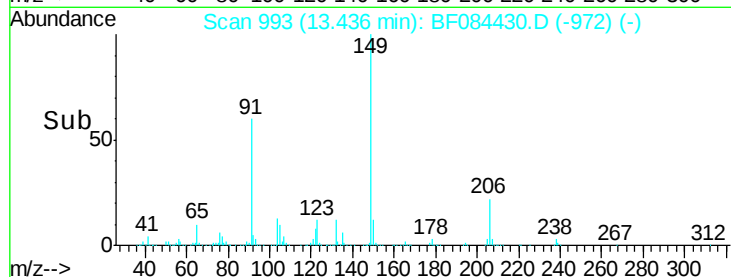
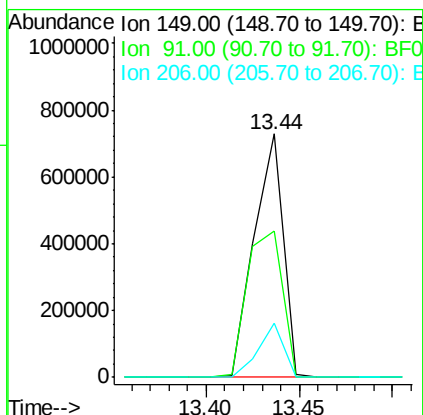
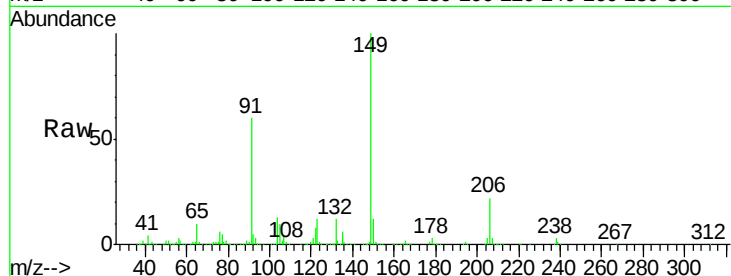




#79
Butylbenzylphthalate
Concen: 47.57 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

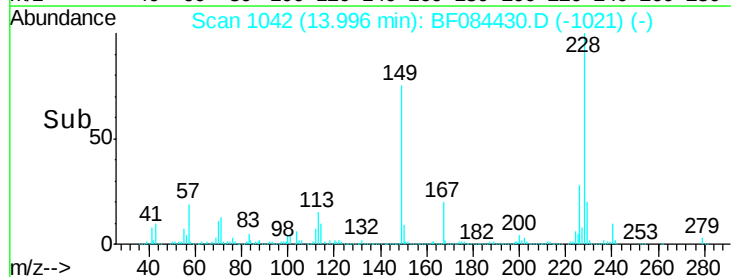
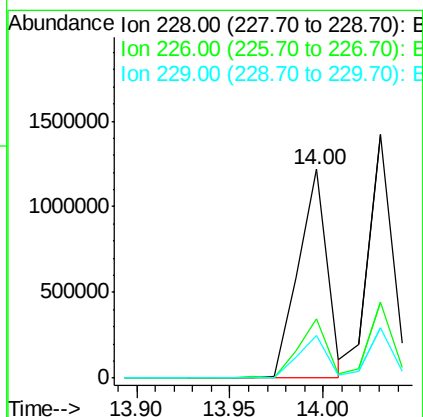
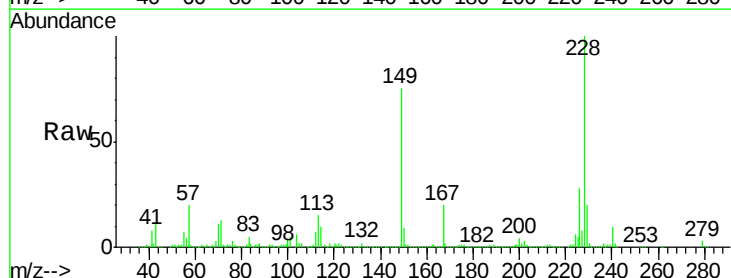
Instrument :
BNA_F
ClientSampleId :
RX2MSD

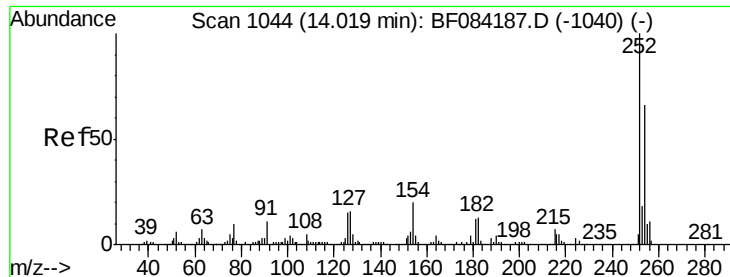
Tgt Ion:149 Resp: 783547
Ion Ratio Lower Upper
149 100
91 60.3 57.6 86.4
206 22.1 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 46.32 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:228 Resp: 1319095
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.6
229 20.4 15.8 23.8

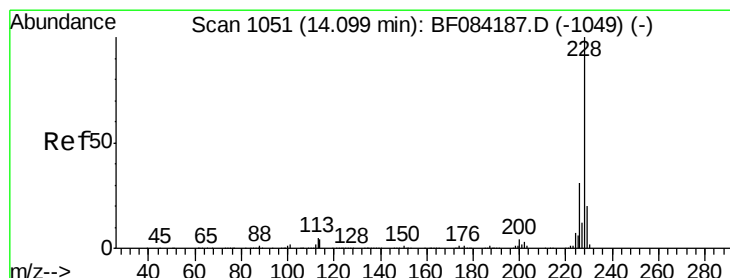
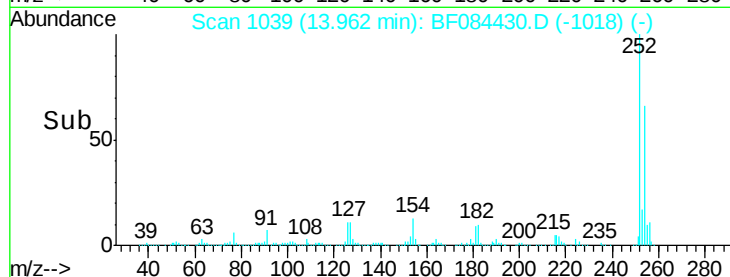
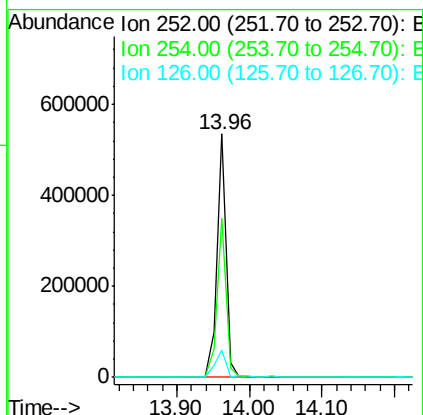
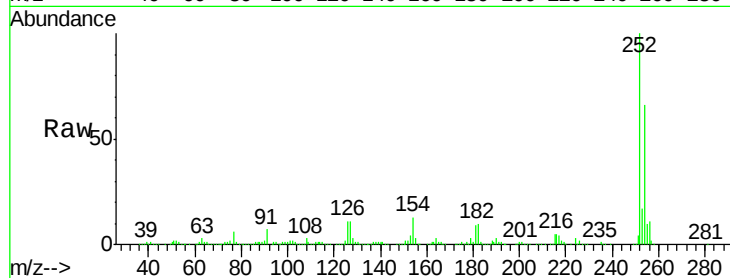




#81
 3,3'-Dichlorobenzidine
 Concen: 46.65 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

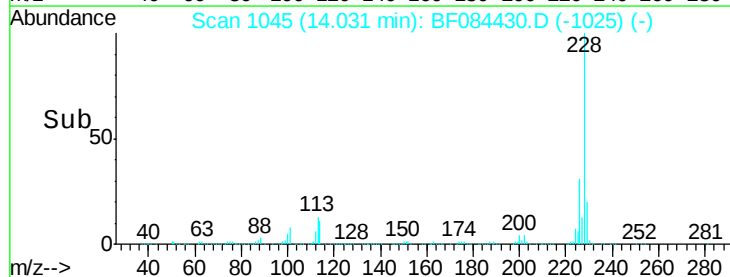
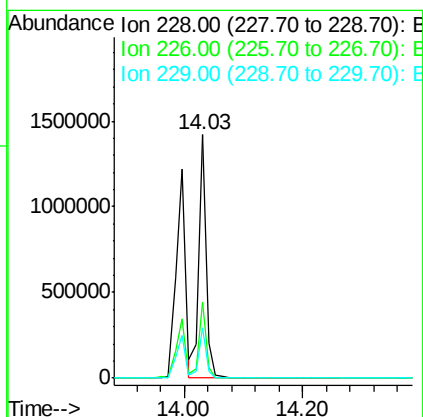
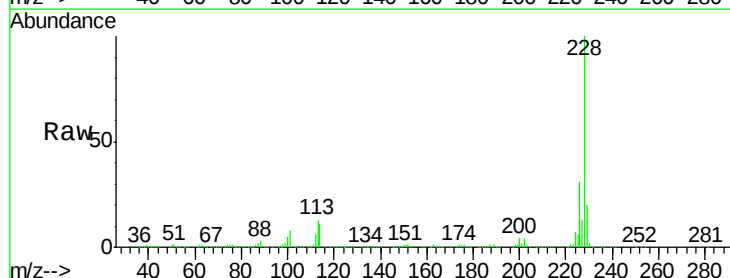
Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

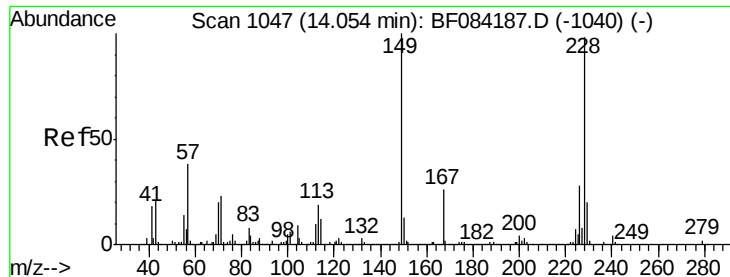
Tgt Ion:252 Resp: 463709
 Ion Ratio Lower Upper
 252 100
 254 65.6 53.5 80.3
 126 11.0 4.9 7.3#



#82
 Chrysene
 Concen: 46.78 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.07 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Tgt Ion:228 Resp: 1280183
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 20.4 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.03 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

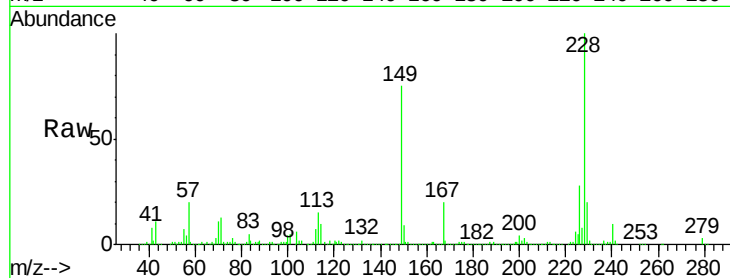
Tgt Ion:149 Resp: 916209

Ion Ratio Lower Upper

149 100

167 27.1 19.7 29.5

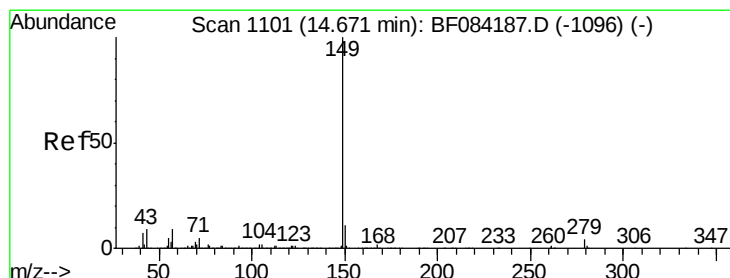
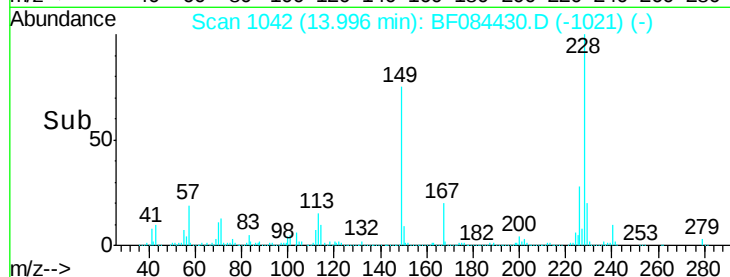
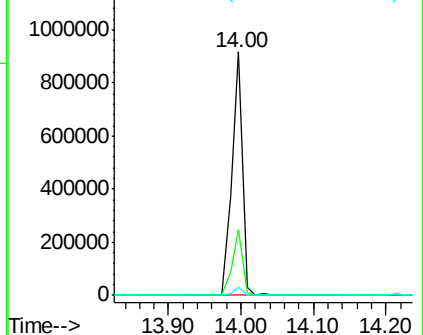
279 3.5 1.8 2.6#



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: 42.50 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.07 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

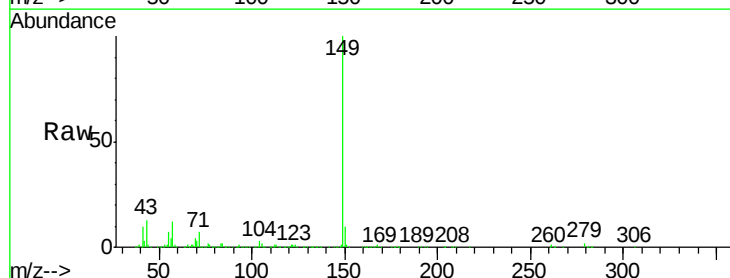
Tgt Ion:149 Resp: 1493120

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

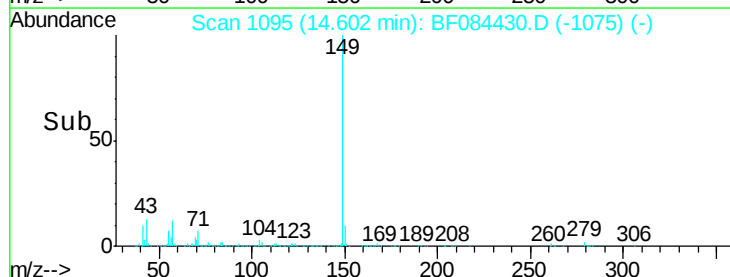
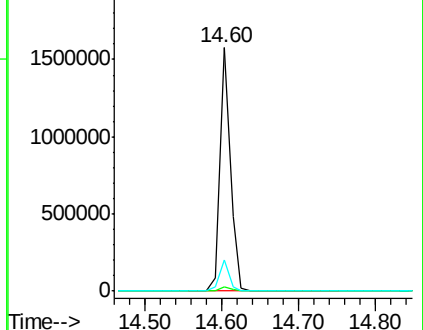
43 12.0 5.6 8.4#

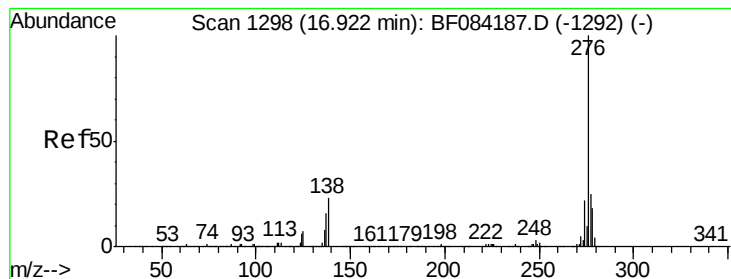


Abundance Ion 149.00 (148.70 to 149.70): E

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: 71.63 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

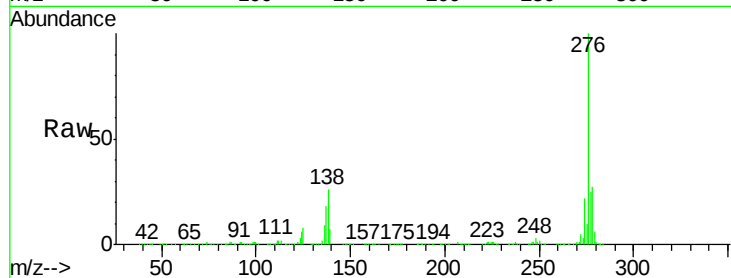
Tgt Ion:276 Resp: 1553888

Ion Ratio Lower Upper

276 100

138 28.2 20.6 30.8

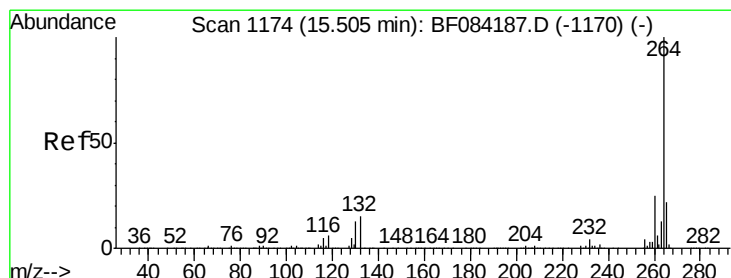
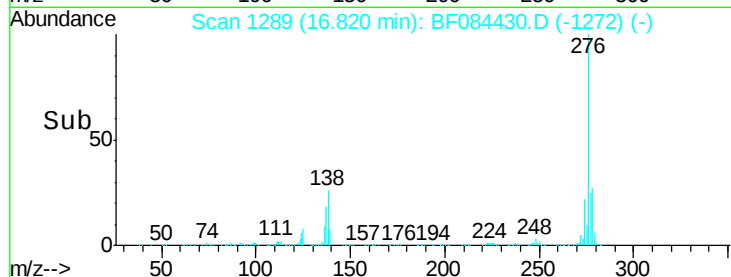
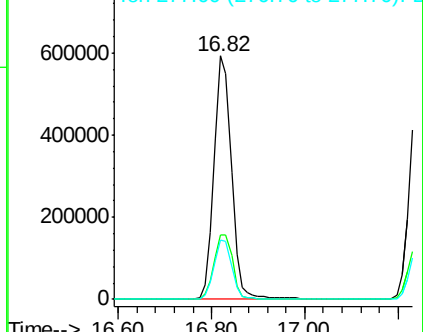
277 25.2 20.1 30.1



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: 15.43 min Scan# 1167

Delta R.T. -0.08 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

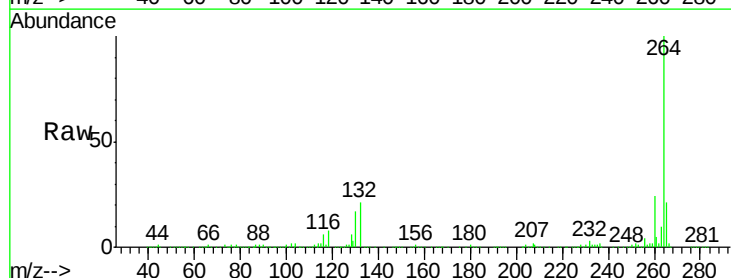
Tgt Ion:264 Resp: 437158

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

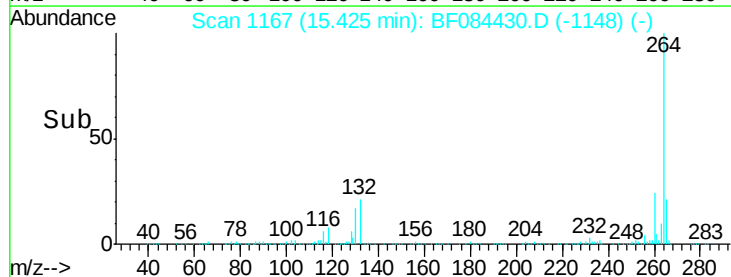
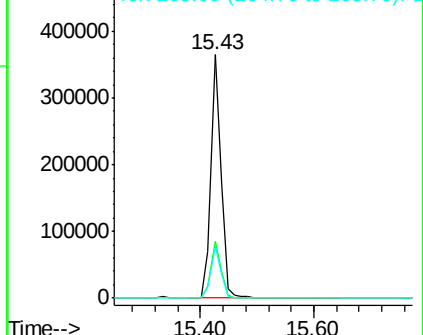
265 21.1 17.8 26.6

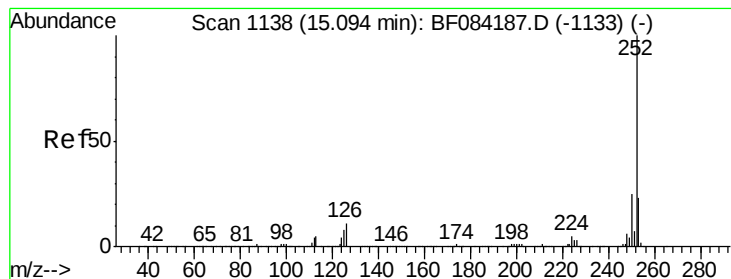


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 86.45 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

Instrument :

BNA_F

ClientSampleId :

RX2MSD

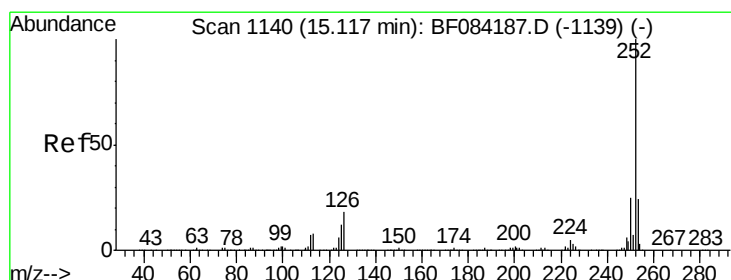
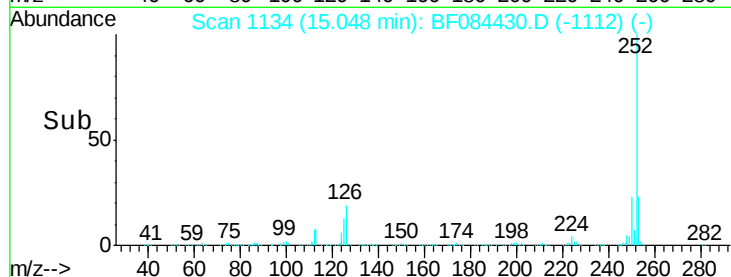
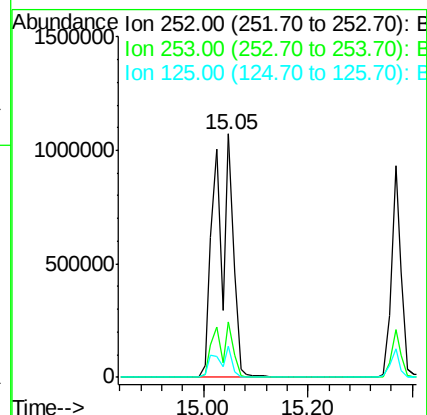
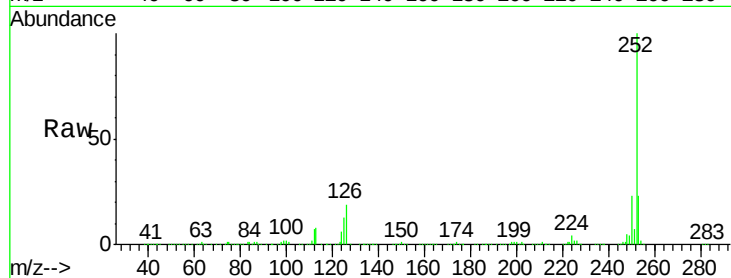
Tgt Ion:252 Resp: 2472054

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 12.9 6.5 9.7#



#88

Benzo(k)fluoranthene

Concen: 105.75 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.07 min

Lab File: BF084430.D

Acq: 13 Jan 2016 1:02

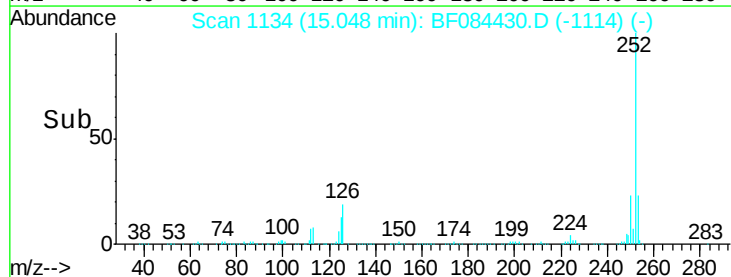
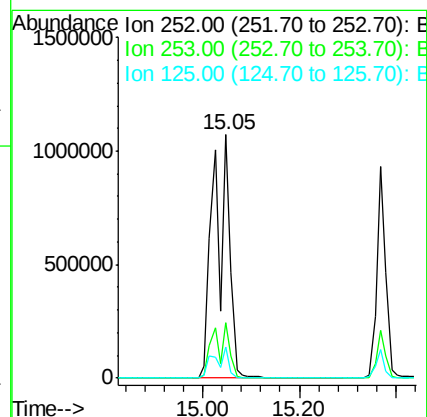
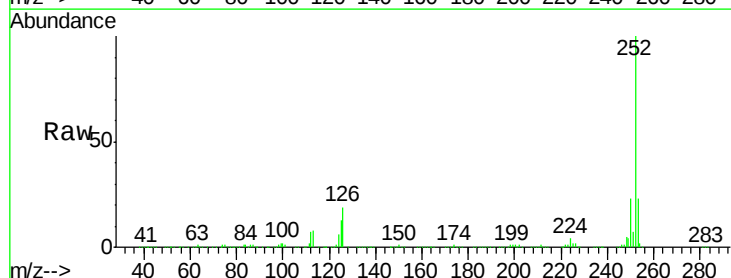
Tgt Ion:252 Resp: 2473217

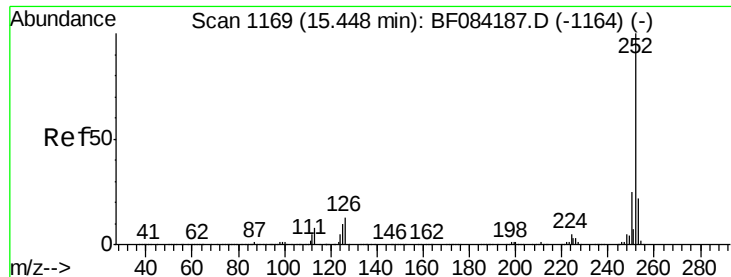
Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 12.9 9.0 13.6

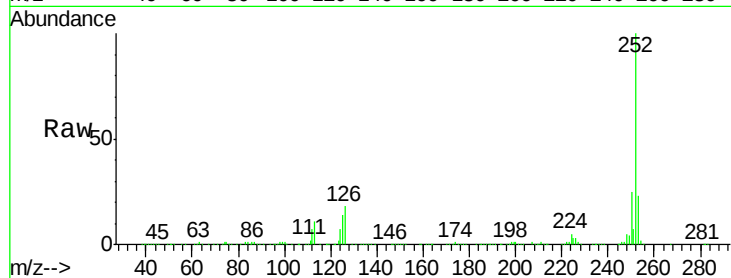




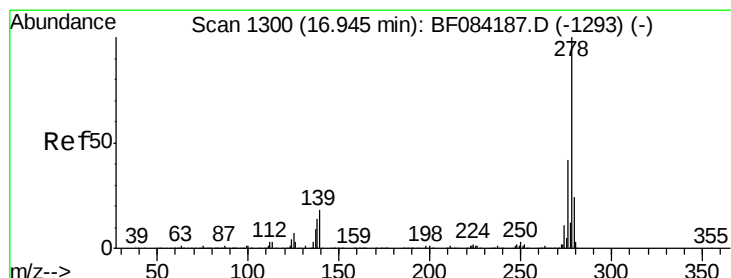
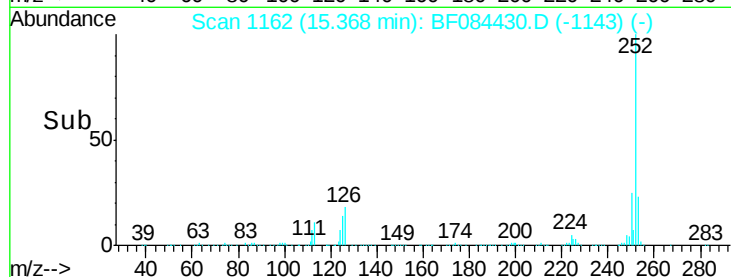
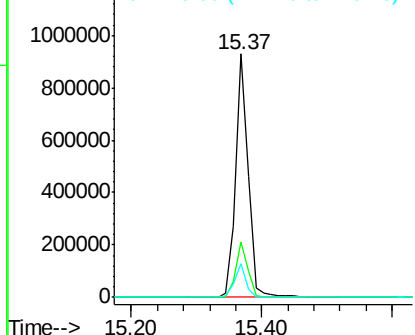
#89
Benzo(a)pyrene
Concen: 49.86 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.08 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Instrument :
BNA_F
ClientSampleId :
RX2MSD

Tgt Ion:252 Resp: 1209468
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 13.8 7.0 10.4#

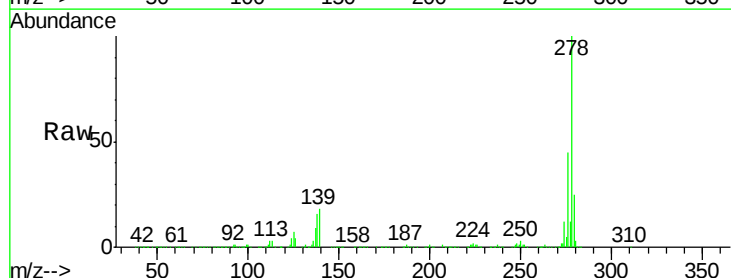


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

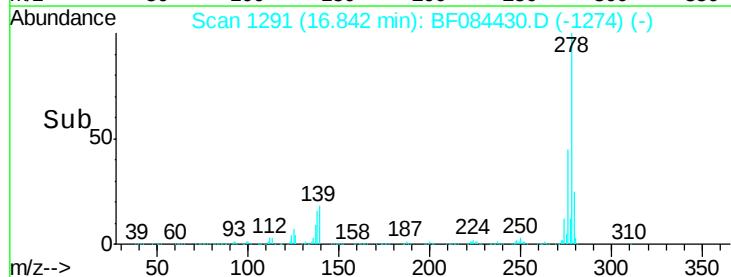
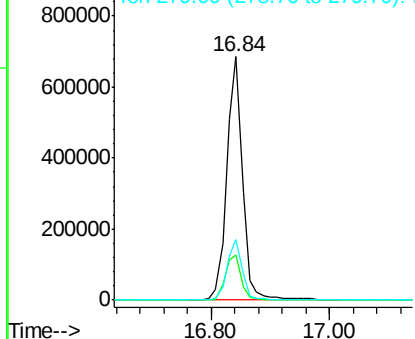


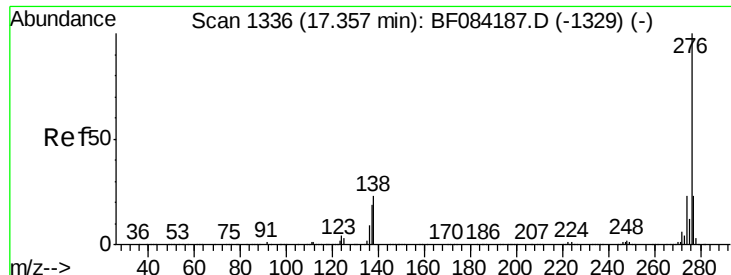
#90
Dibenzo(a,h)anthracene
Concen: 60.31 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.10 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:278 Resp: 1258802
Ion Ratio Lower Upper
278 100
139 18.5 15.0 22.4
279 25.1 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 62.72 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.11 min
 Lab File: BF084430.D
 Acq: 13 Jan 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 RX2MSD

Tgt Ion: 276 Resp: 1355749
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.8 28.2
 138 25.8 17.8 26.6

