

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088940.D
 Acq On : 13 Jul 2016 1:24
 Operator : UM/SJ
 Sample : H3935-27
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Quant Time: Jul 13 02:20:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	66150	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	251852	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	108636	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	156085	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	132871	20.00	ng	-0.01
86) Perylene-d12	15.21	264	115295	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	454112	102.88	ng	0.01
7) Phenol-d6	6.36	99	698821	122.53	ng	0.01
23) Nitrobenzene-d5	7.27	82	415715	86.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	106210	105.28	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	714173	103.84	ng	0.00
78) Terphenyl-d14	12.80	244	376883	63.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	2.86	42	938	0.39	ng	# 1
6) Aniline	6.48	93	934	0.11	ng	# 1
9) Benzaldehyde	6.36	77	1034	0.27	ng	# 1
10) Phenol	6.36	94	6778	1.04	ng	# 1
11) bis(2-Chloroethyl)ether	6.48	93	934	0.19	ng	# 1
15) Benzyl Alcohol	6.86	79	7563	1.80	ng	# 52
17) 2-Methylphenol	6.84	107	536	0.14	ng	# 1
19) n-Nitroso-di-n-propylamine	7.27	70	54992	14.35	ng	# 75
22) Acetophenone	7.11	105	652	0.11	ng	# 57
24) Nitrobenzene	7.27	77	1336	0.28	ng	# 24
25) Isophorone	7.27	82	359303	40.36	ng	# 65
31) Naphthalene	8.01	128	3610	0.29	ng	# 95
33) 4-Chloroaniline	8.01	127	427	0.08	ng	# 45
37) 2-Methylnaphthalene	8.70	142	3727	0.47	ng	# 92
45) 1,1'-Biphenyl	9.16	154	743	0.08	ng	# 88
47) 2-Nitroaniline	9.46	65	1220	0.49	ng	# 1
48) Acenaphthylene	9.60	152	975	0.09	ng	# 91
49) Dimethylphthalate	9.46	163	113312	14.64	ng	# 99
50) 2,6-Dinitrotoluene	9.46	165	1097	0.64	ng	# 1
51) Acenaphthene	9.74	154	342	0.05	ng	# 5
54) Dibenzofuran	9.94	168	1583	0.18	ng	# 83
55) 4-Nitrophenol	9.94	139	633	0.38	ng	# 5
56) 2,4-Dinitrotoluene	9.74	165	13983	6.23	ng	# 36
57) Fluorene	10.53	166	5326	0.77	ng	# 89
59) Diethylphthalate	10.16	149	269	0.03	ng	# 60
62) Azobenzene	10.53	77	931	0.11	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.53	198	259	0.31	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	314	0.06	ng	# 24
66) 4-Bromophenyl-phenylether	10.53	248	7495	4.76	ng	# 1
70) Phenanthrene	11.23	178	5533	0.65	ng	# 98
71) Anthracene	11.23	178	5533	0.65	ng	# 98
72) Carbazole	11.44	167	695	0.09	ng	# 58
73) Di-n-butylphthalate	11.78	149	1546	0.17	ng	# 77
74) Fluoranthene	12.42	202	3629	0.42	ng	# 93

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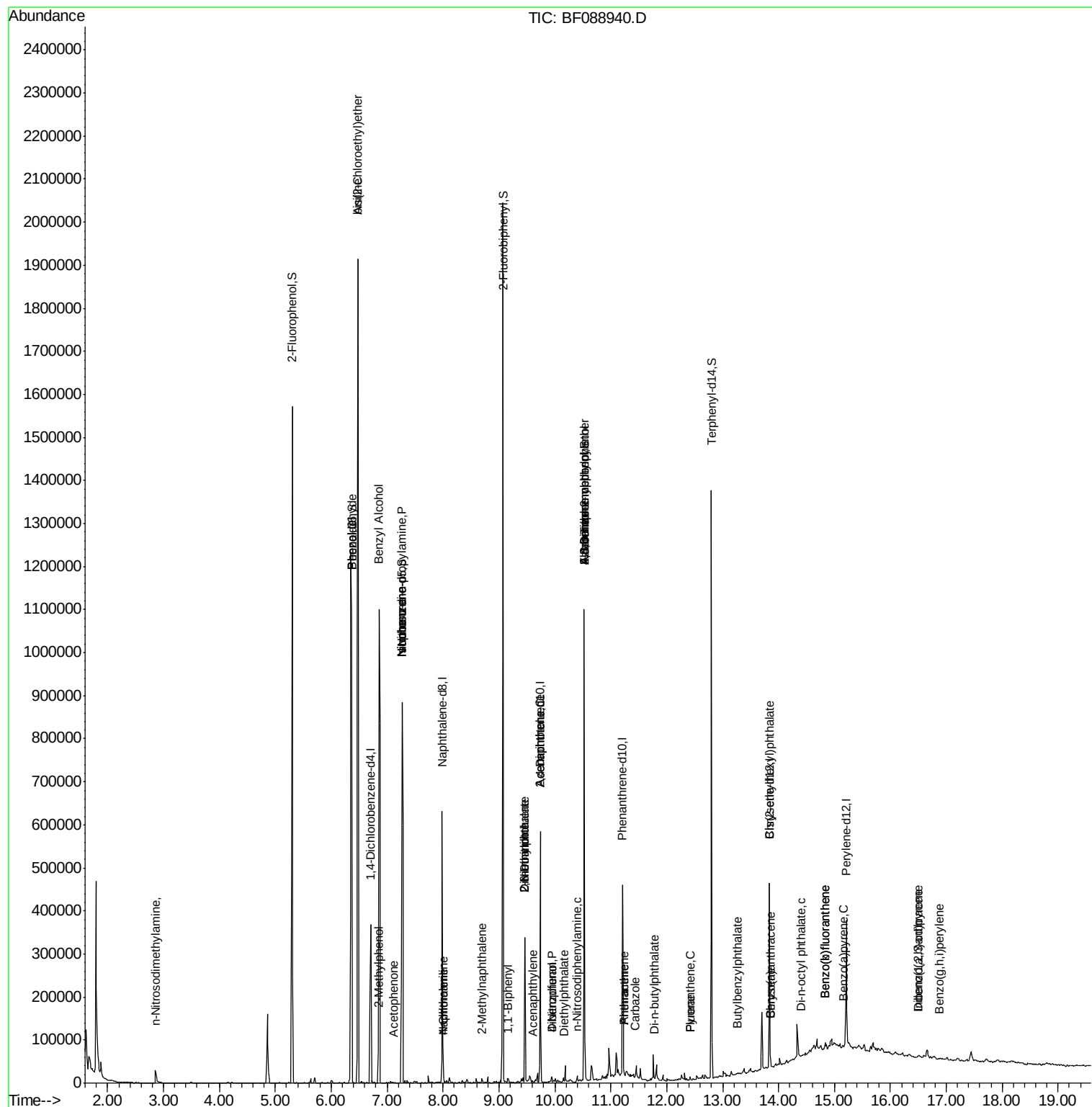
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.42	202	3629	0.32	ng	97
79) Butylbenzylphthalate	13.27	149	1232	0.25	ng	# 1
80) Benzo(a)anthracene	13.86	228	6540	0.76	ng	# 82
82) Chrysene	13.86	228	6540	0.77	ng	# 88
83) Bis(2-ethylhexyl)phthalate	13.84	149	2235	0.39	ng	# 90
84) Di-n-octyl phthalate	14.41	149	121	0.01	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	1672	0.26	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	4690	0.65	ng	# 62
88) Benzo(k)fluoranthene	14.83	252	4690	0.74	ng	# 65
89) Benzo(a)pyrene	15.15	252	2070	0.34	ng	# 52
90) Dibenzo(a,h)anthracene	16.50	278	213	0.04	ng	# 1
91) Benzo(g,h,i)perylene	16.88	276	1485	0.28	ng	# 70

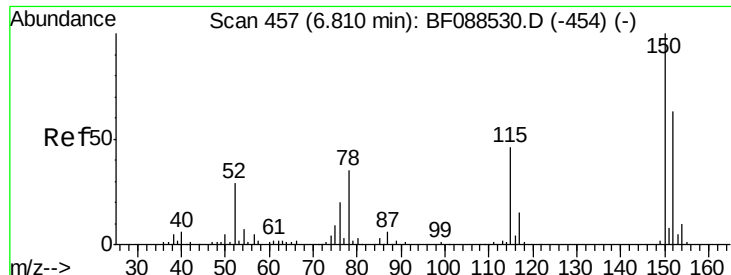
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

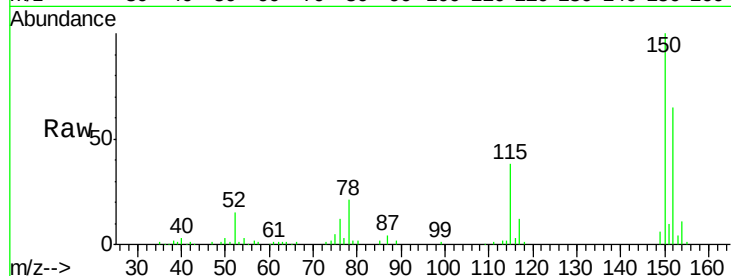
Tgt Ion:152 Resp: 66150

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

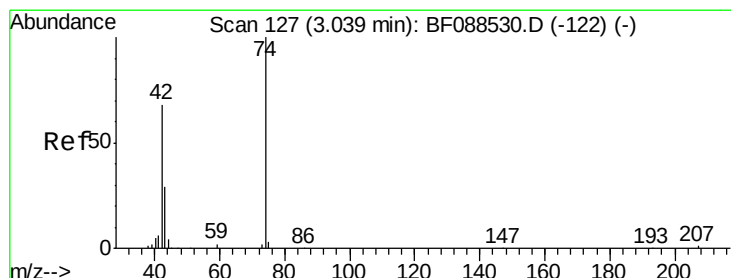
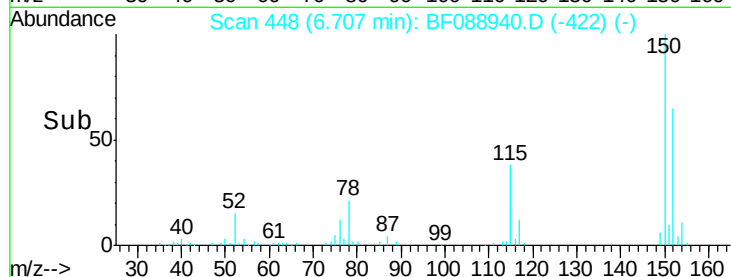
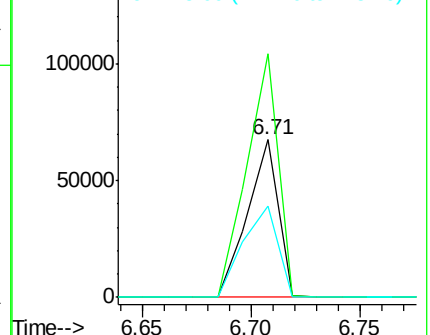
115 57.9 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.02 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

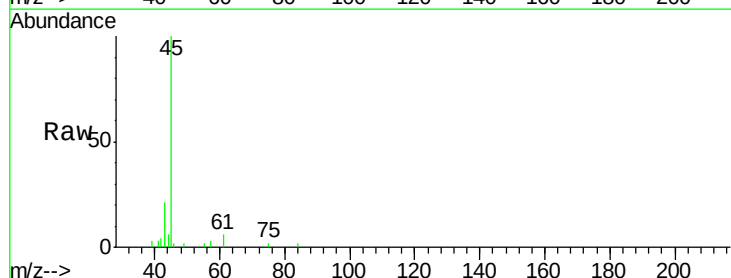
Tgt Ion: 42 Resp: 938

Ion Ratio Lower Upper

42 100

74 0.0 108.6 163.0#

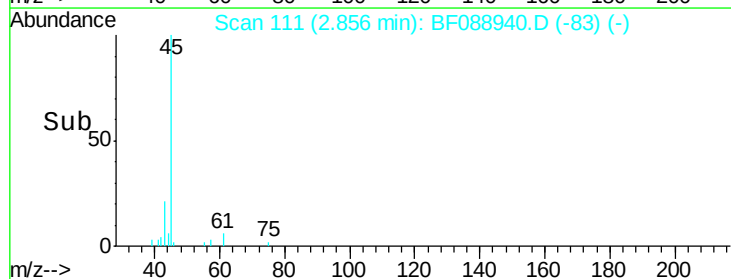
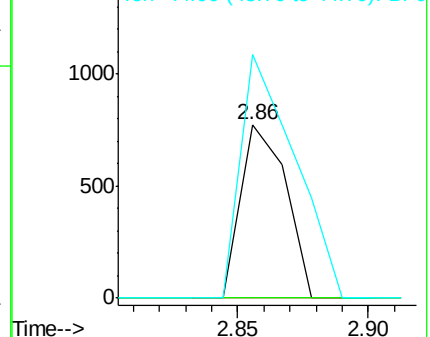
44 140.5 5.5 8.3#

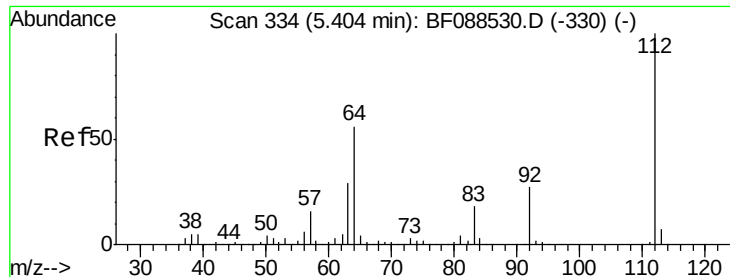


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 102.88 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

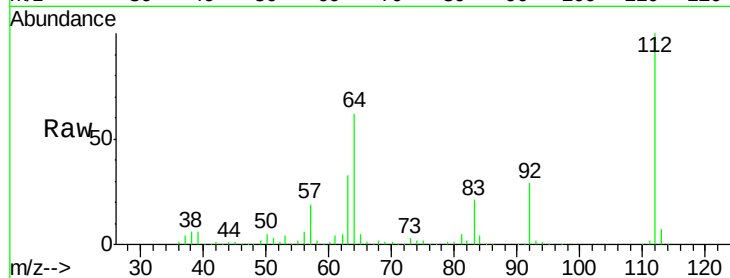
Instrument :

BNA_F

ClientSampleId :

C3-01

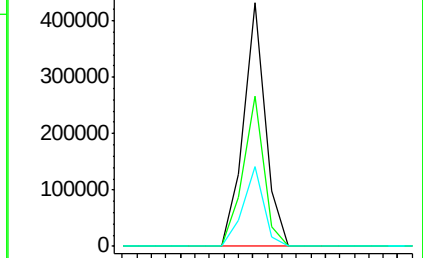
Tgt Ion:	112	Resp:	454112
Ion	Ratio	Lower	Upper
112	100		
64	61.5	42.2	63.2
63	32.8	21.8	32.8#



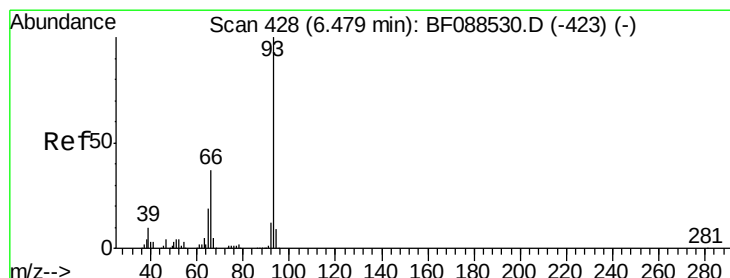
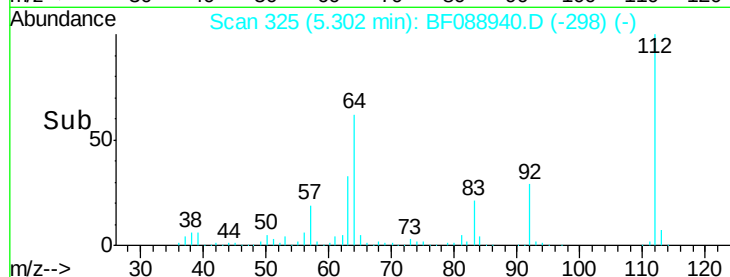
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 0.11 ng

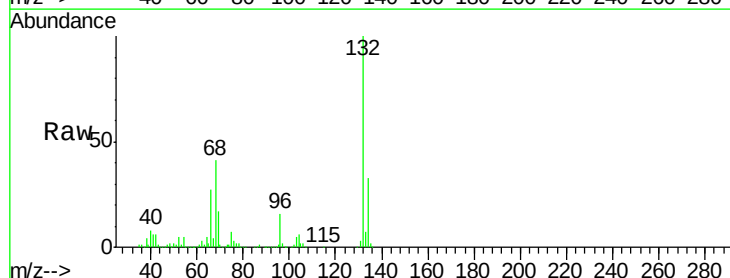
RT: 6.48 min Scan# 428

Delta R.T. 0.10 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

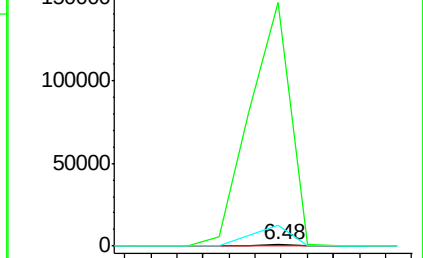
Tgt Ion:	93	Resp:	934
Ion	Ratio	Lower	Upper
93	100		
66	17571.3	29.8	44.8#
65	1535.1	14.9	22.3#



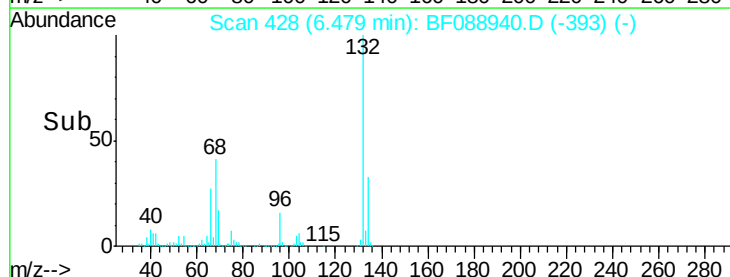
Abundance Ion 93.00 (92.70 to 93.70): BF0

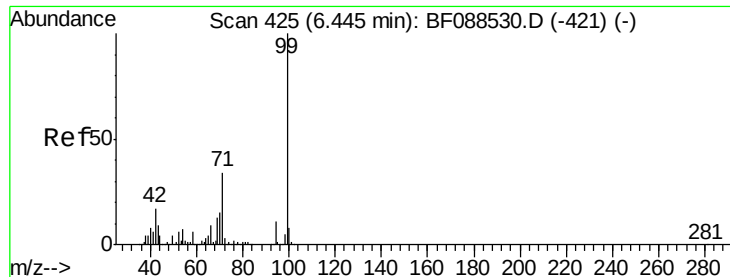
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 122.53 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

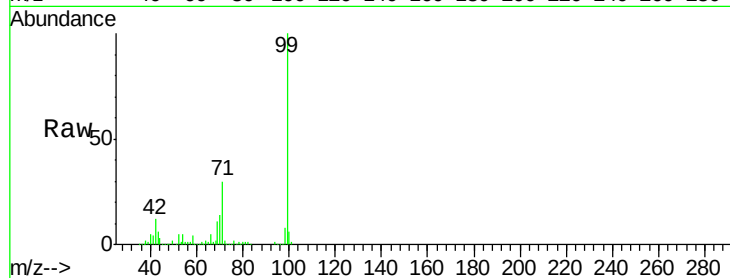
Tgt Ion: 99 Resp: 698821

Ion Ratio Lower Upper

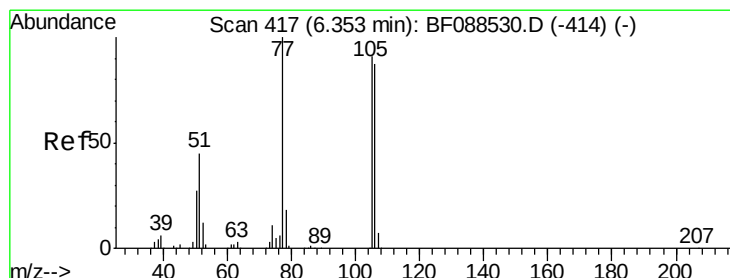
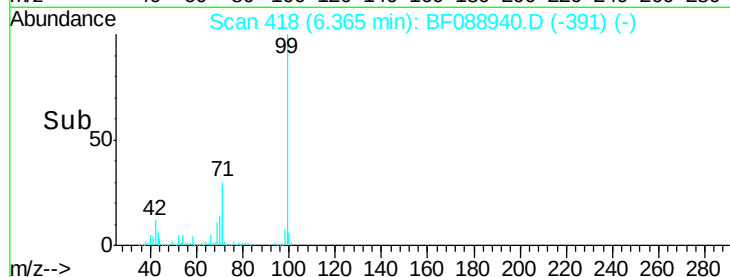
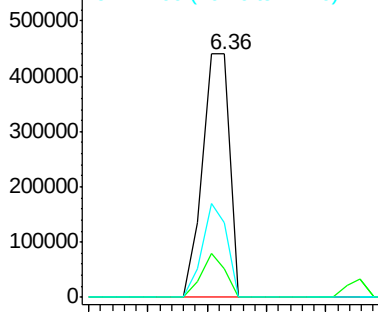
99 100

42 11.6 12.2 18.2#

71 30.4 23.4 35.0



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



#9

Benzaldehyde

Concen: 0.27 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.11 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

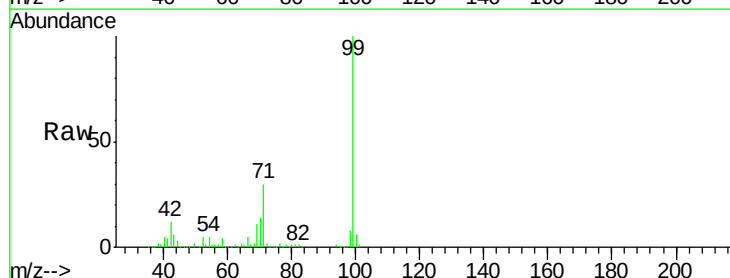
Tgt Ion: 77 Resp: 1034

Ion Ratio Lower Upper

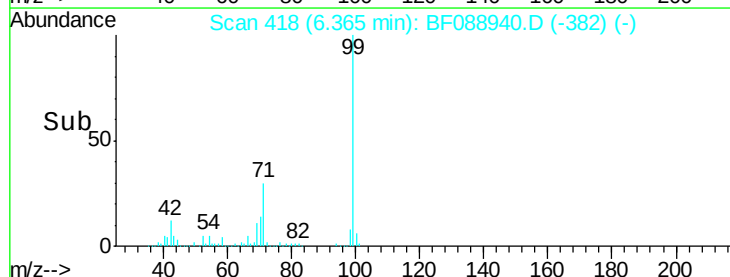
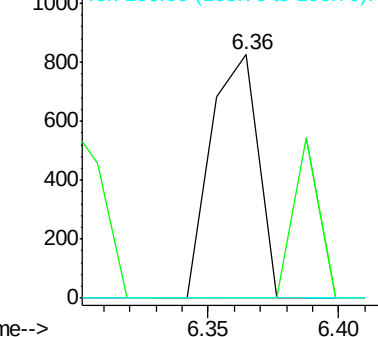
77 100

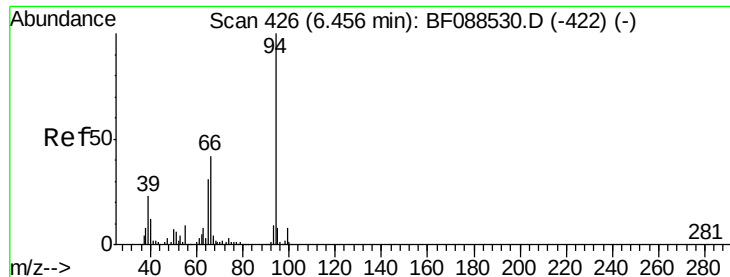
105 0.0 90.6 130.6#

106 0.0 85.3 125.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.04 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

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ClientSampleId :

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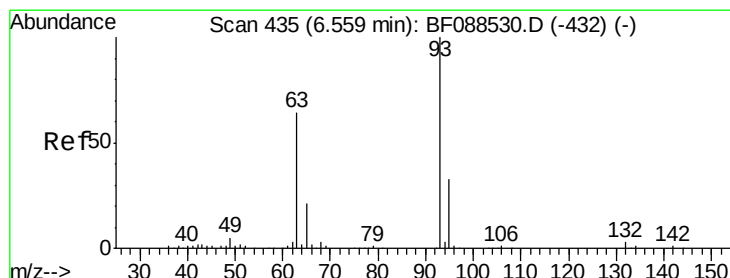
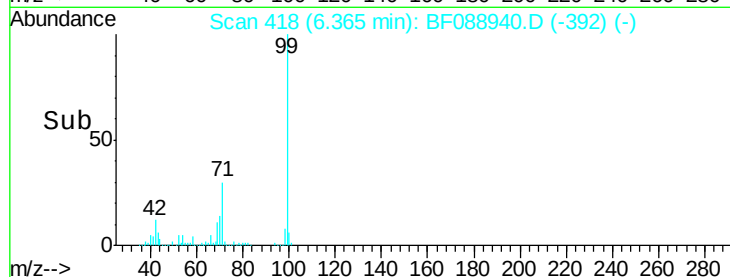
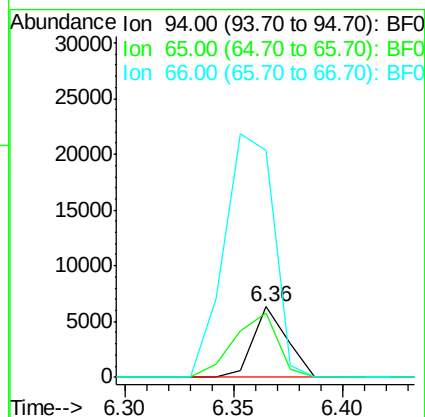
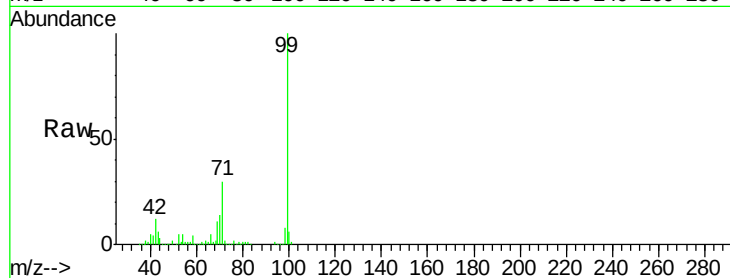
Tgt Ion: 94 Resp: 6778

Ion Ratio Lower Upper

94 100

65 91.6 5.9 45.9#

66 321.9 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 0.19 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

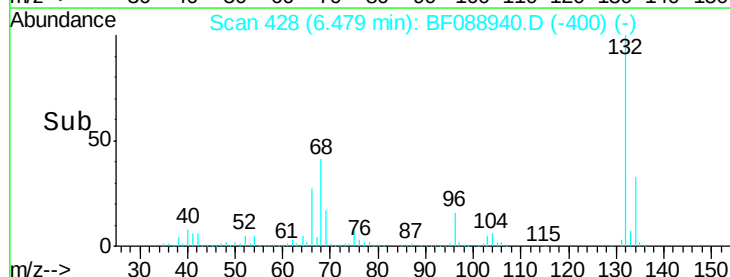
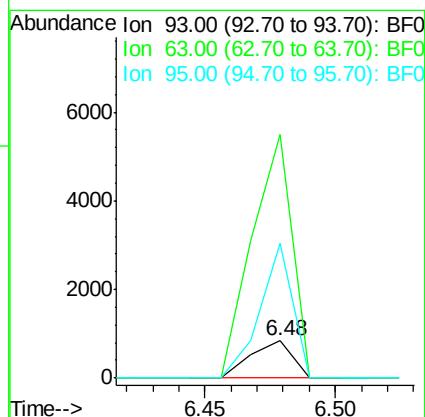
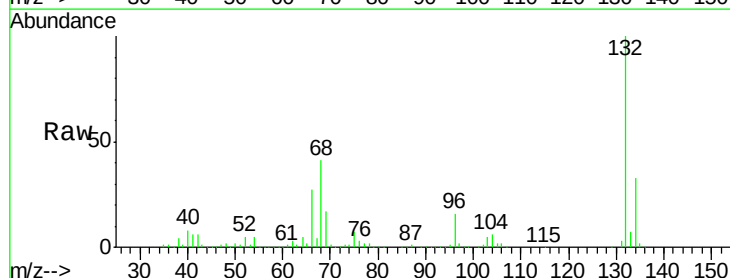
Tgt Ion: 93 Resp: 934

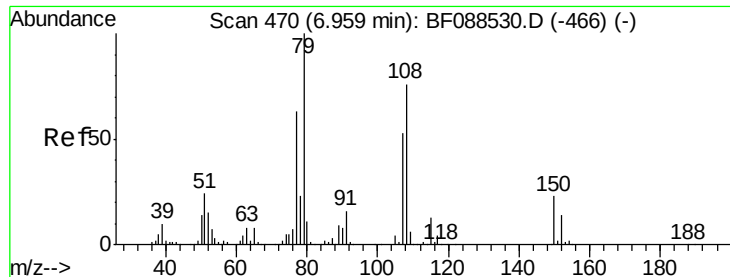
Ion Ratio Lower Upper

93 100

63 656.3 67.6 107.6#

95 362.6 12.5 52.5#





#15

Benzyl Alcohol

Concen: 1.80 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF088940.D

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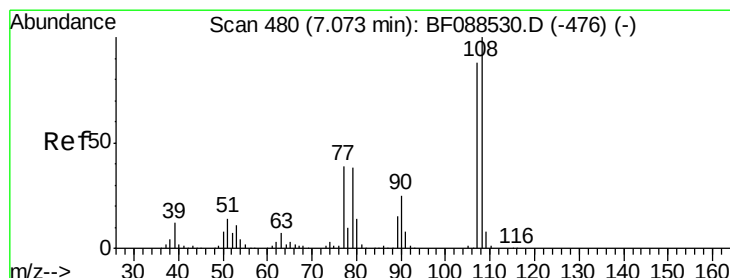
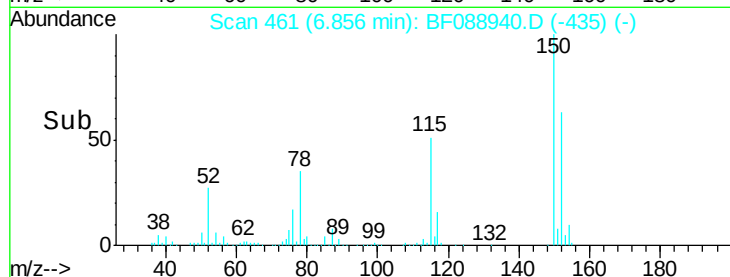
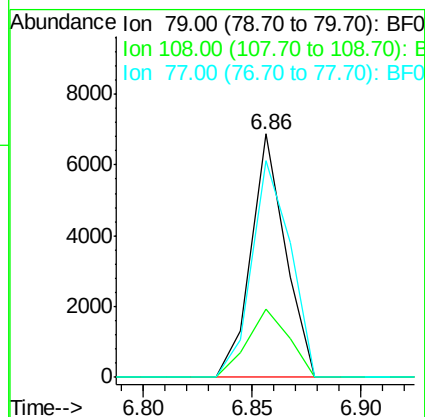
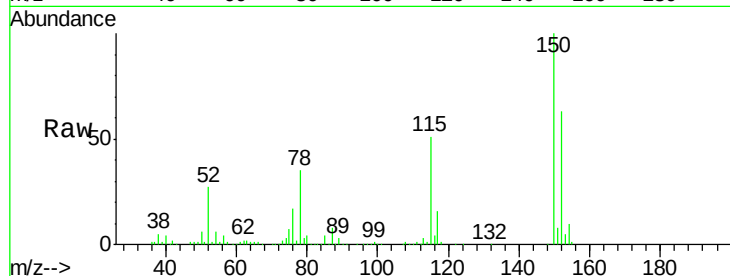
Tgt Ion: 79 Resp: 7563

Ion Ratio Lower Upper

79 100

108 28.3 65.0 97.6#

77 88.9 50.3 75.5#



#17

2-Methylphenol

Concen: 0.14 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.14 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Tgt Ion: 107 Resp: 536

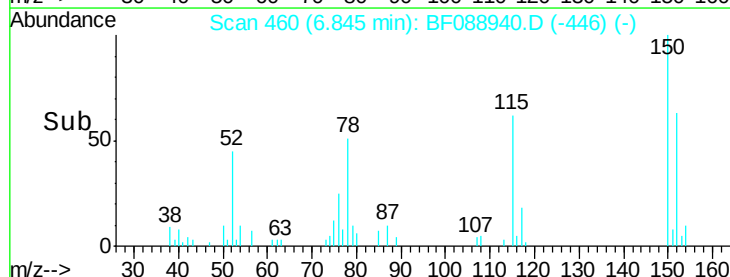
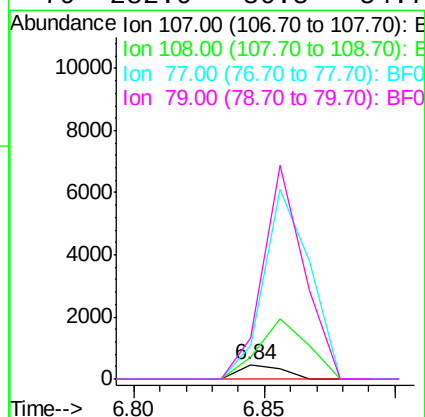
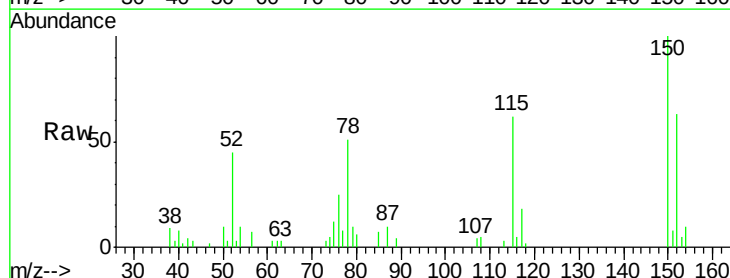
Ion Ratio Lower Upper

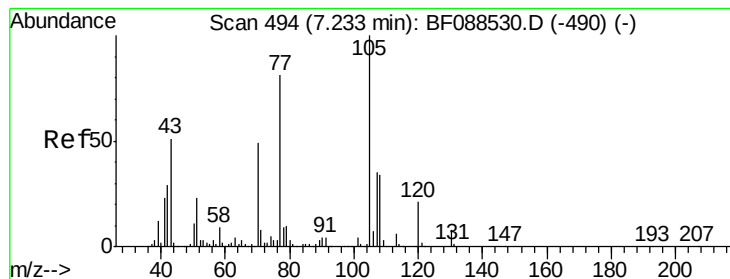
107 100

108 146.9 90.9 136.3#

77 229.6 36.6 55.0#

79 282.9 36.5 54.7#





#19

n-Nitroso-di-n-propylamine

Concen: 14.35 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

Tgt Ion: 70 Resp: 54992

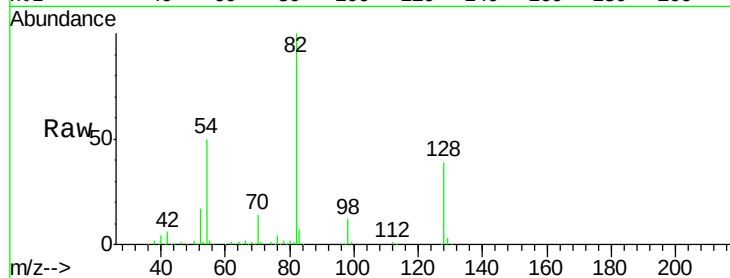
Ion Ratio Lower Upper

70 100

42 45.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

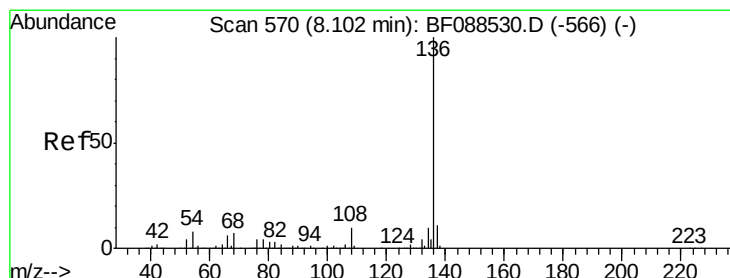
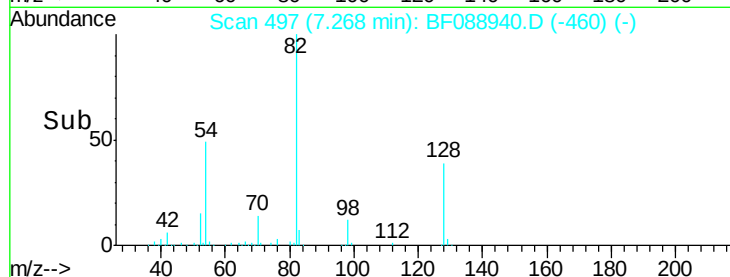
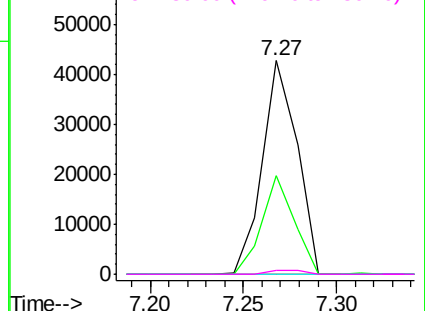


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Tgt Ion: 136 Resp: 251852

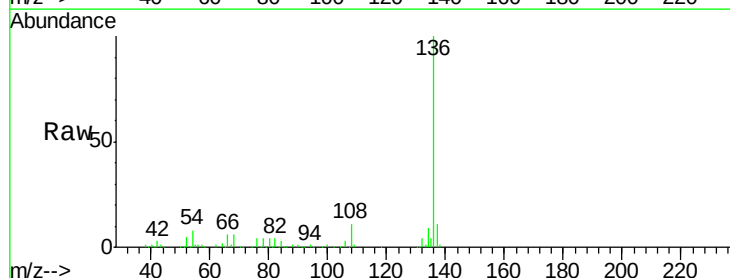
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.3 6.6 10.0

68 6.5 5.1 7.7

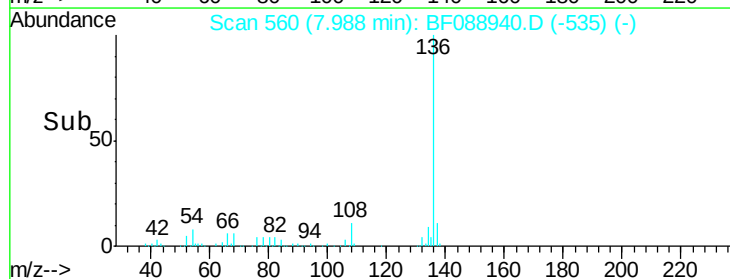
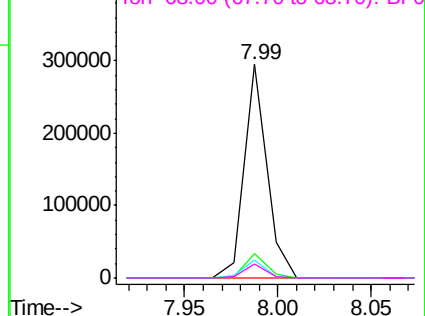


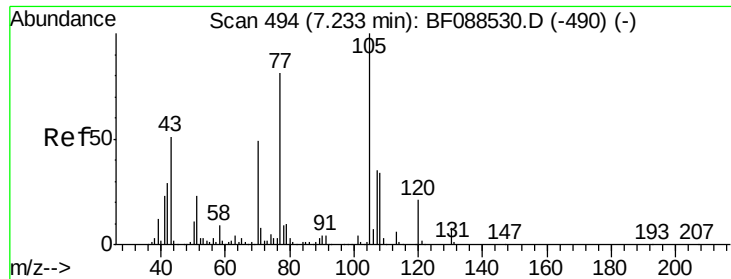
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.11 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampled :

C3-01

Tgt Ion: 105 Resp: 652

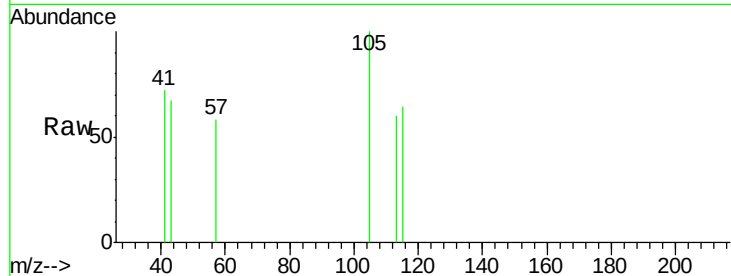
Ion Ratio Lower Upper

105 100

71 0.0 5.3 7.9#

51 0.0 18.2 27.4#

120 0.0 18.0 27.0#

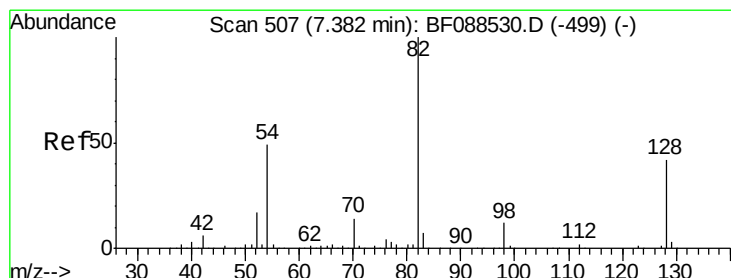
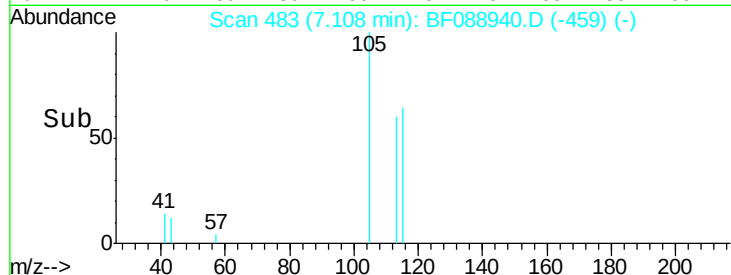
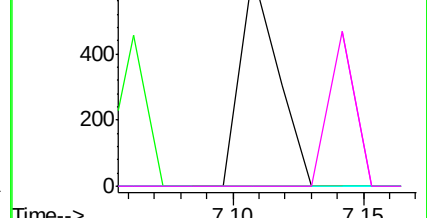


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 86.50 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

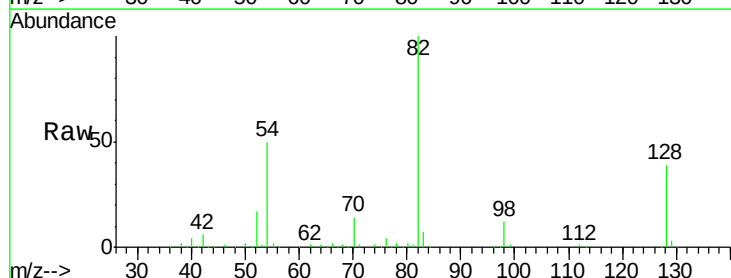
Tgt Ion: 82 Resp: 415715

Ion Ratio Lower Upper

82 100

128 39.5 35.9 53.9

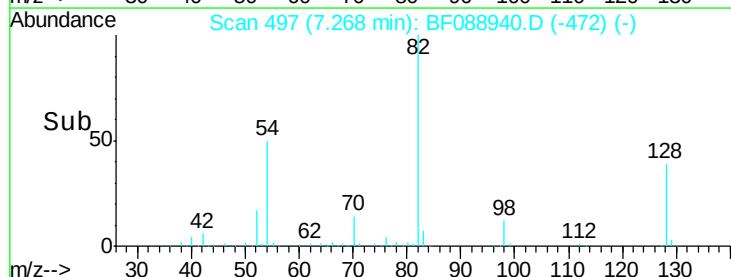
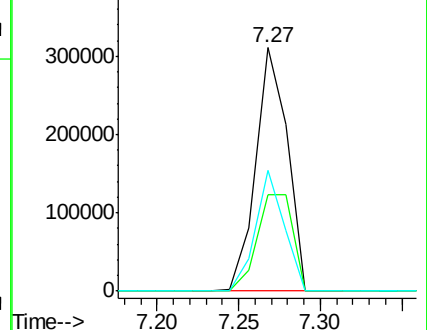
54 49.7 40.9 61.3

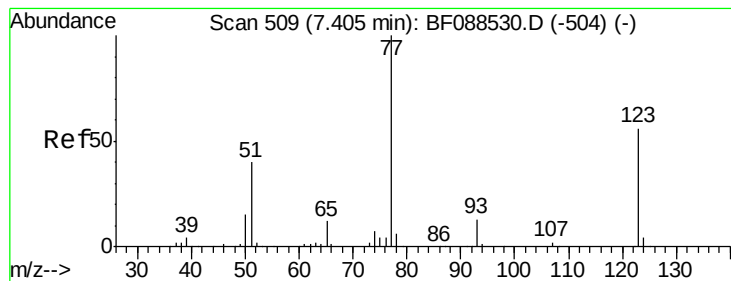


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.28 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampled :

C3-01

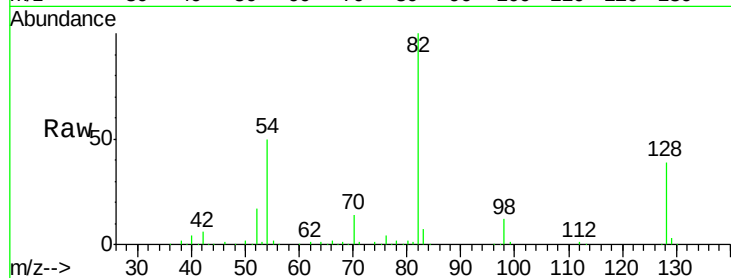
Tgt Ion: 77 Resp: 1336

Ion Ratio Lower Upper

77 100

123 0.0 45.0 67.4#

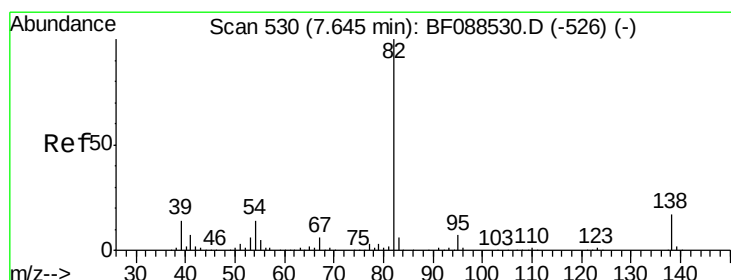
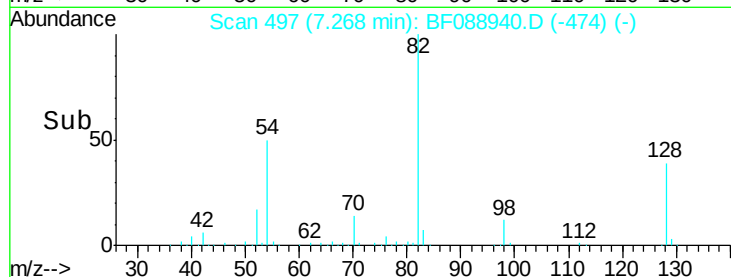
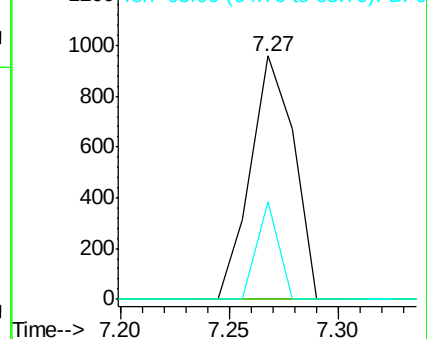
65 40.4 10.2 15.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 40.36 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

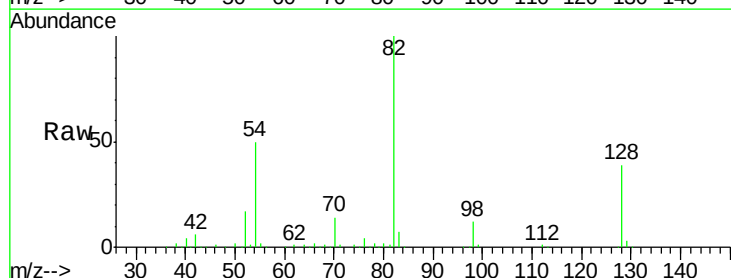
Tgt Ion: 82 Resp: 359303

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

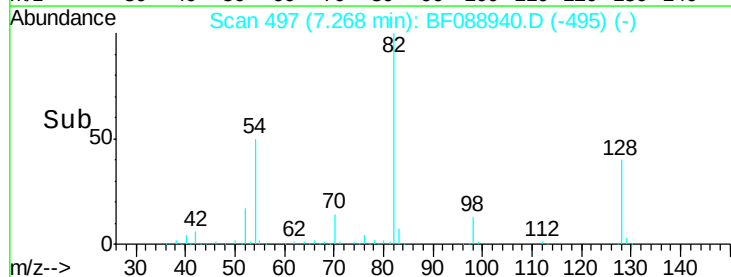
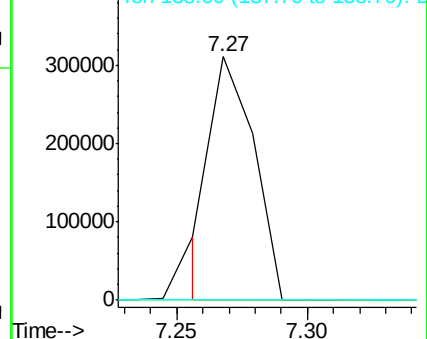
138 0.0 14.6 21.8#

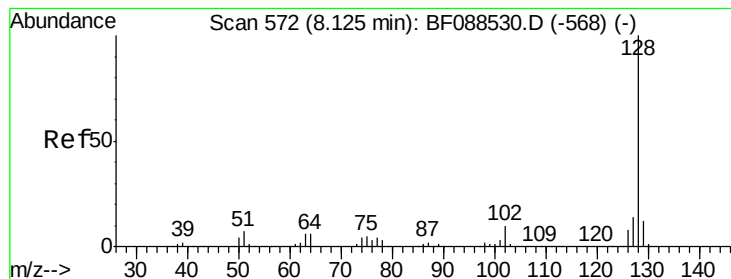


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 0.29 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

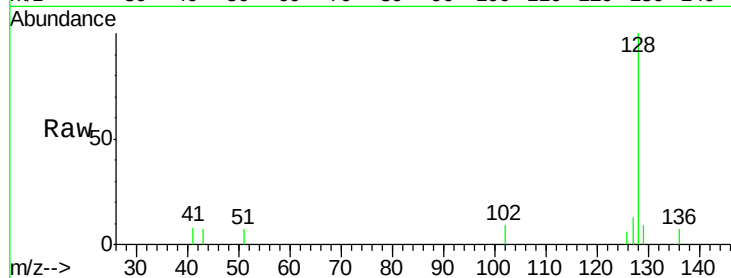
Tgt Ion:128 Resp: 3610

Ion Ratio Lower Upper

128 100

129 8.6 9.4 14.2#

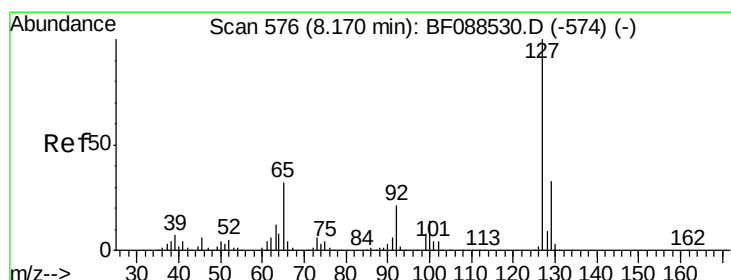
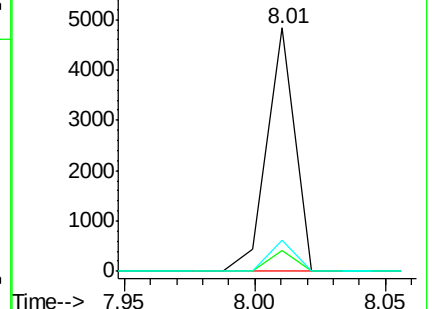
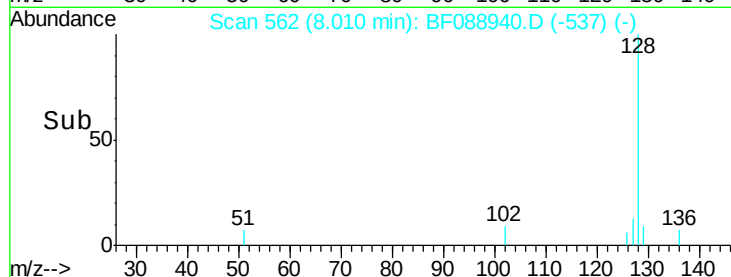
127 12.9 10.9 16.3



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



#33

4-Chloroaniline

Concen: 0.08 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.06 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Tgt Ion:127 Resp: 427

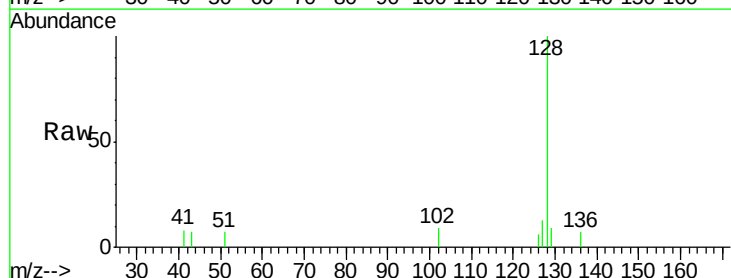
Ion Ratio Lower Upper

127 100

129 66.9 26.3 39.5#

65 0.0 24.7 37.1#

92 0.0 15.4 23.0#

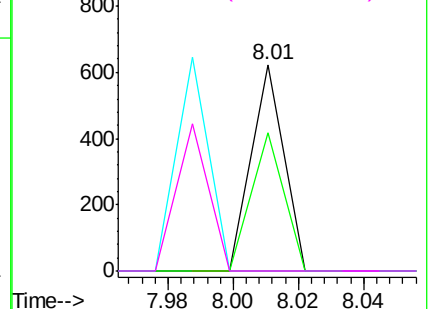
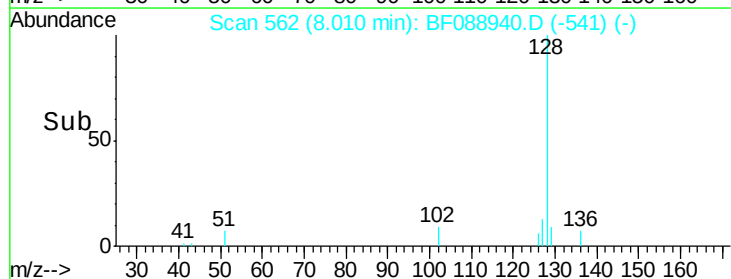


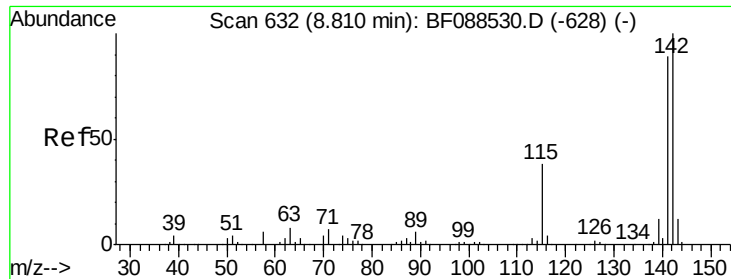
Abundance Ion 127.00 (126.70 to 127.70): E

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

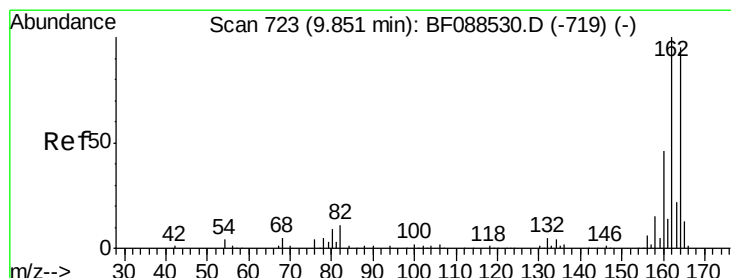
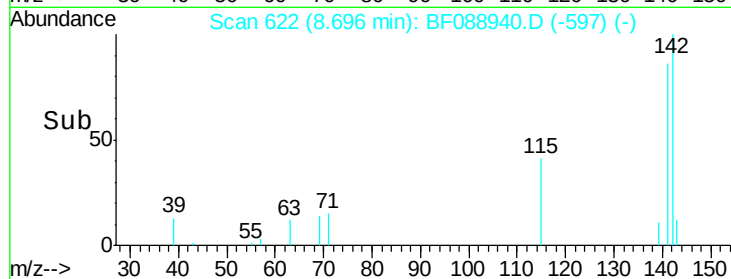
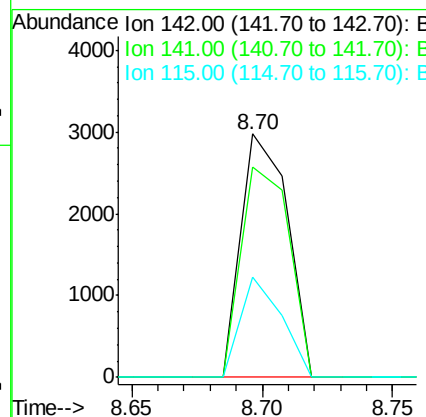
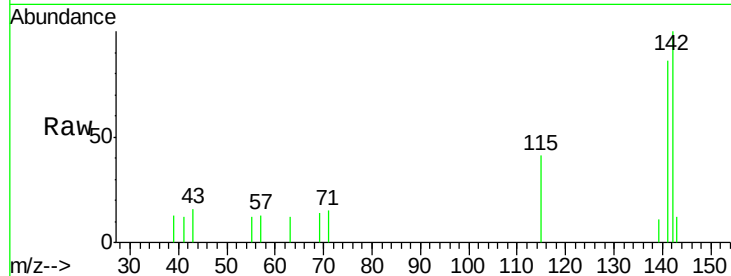




#37
 2-Methylnaphthalene
 Concen: 0.47 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

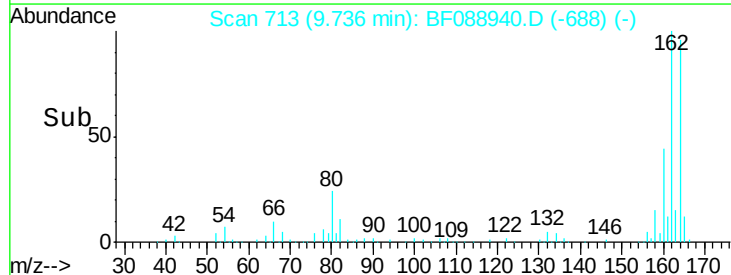
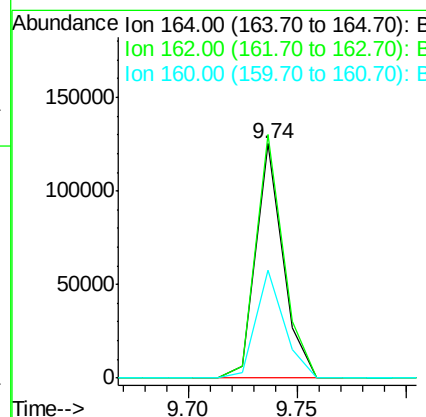
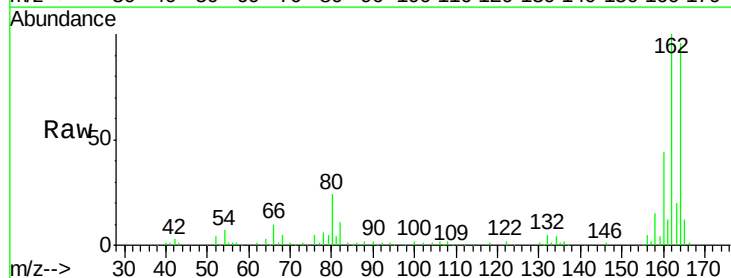
Instrument :
 BNA_F
 ClientSampleId :
 C3-01

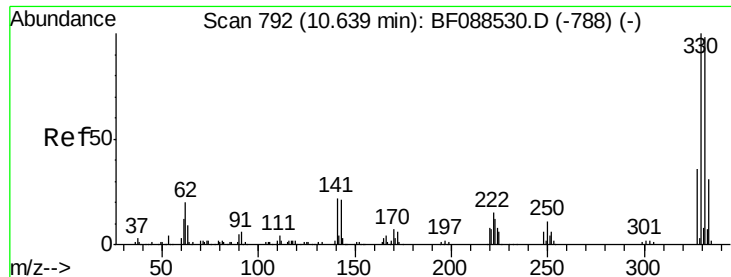
Tgt Ion:142 Resp: 3727
 Ion Ratio Lower Upper
 142 100
 141 86.3 71.0 106.6
 115 41.0 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

Tgt Ion:164 Resp: 108636
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.4 128.2
 160 46.2 39.5 59.3

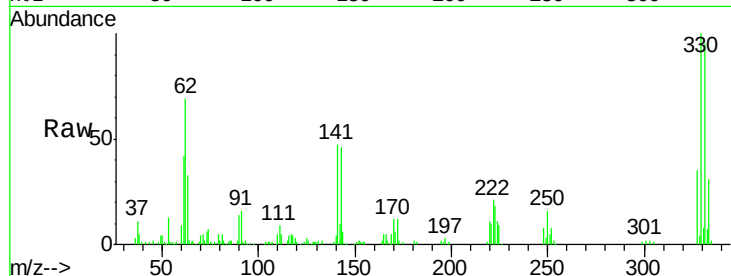




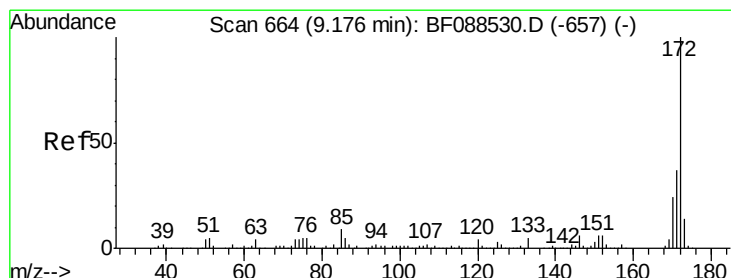
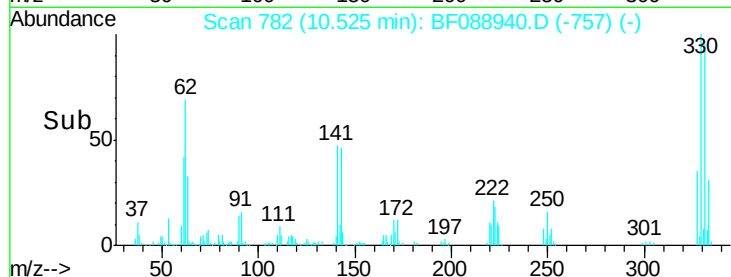
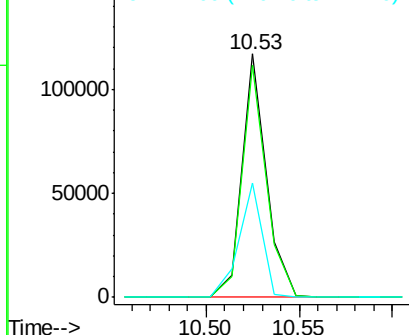
#41
 2,4,6-Tribromophenol
 Concen: 105.28 ng
 RT: 10.53 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	46.6	0.0	0.0#

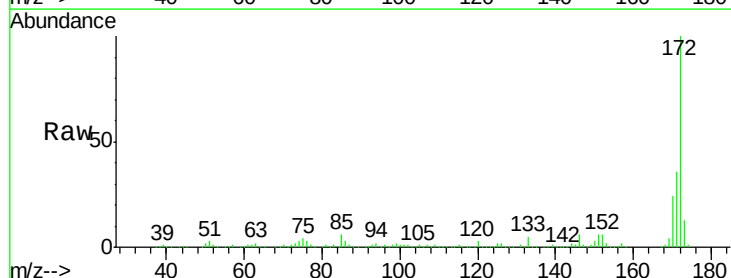


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

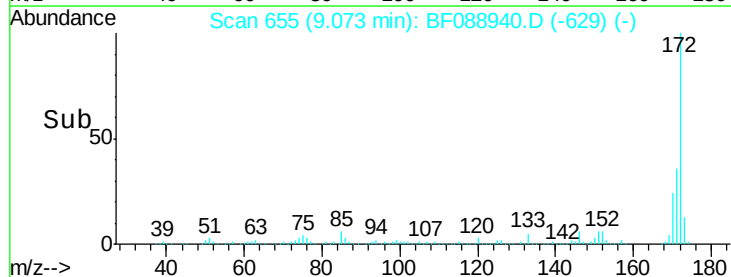
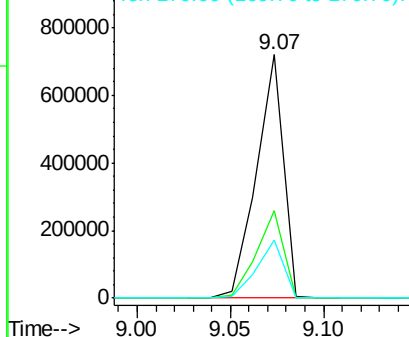


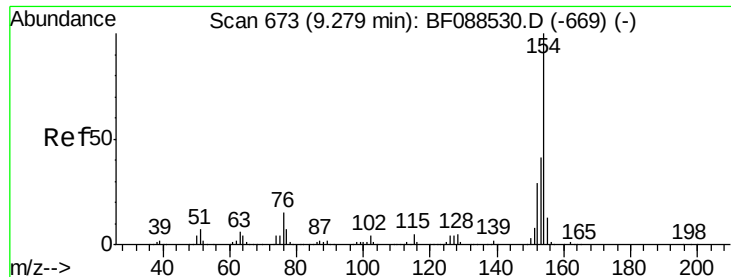
#44
 2-Fluorobiphenyl
 Concen: 103.84 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.7	19.2	28.8



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: 0.08 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampled :

C3-01

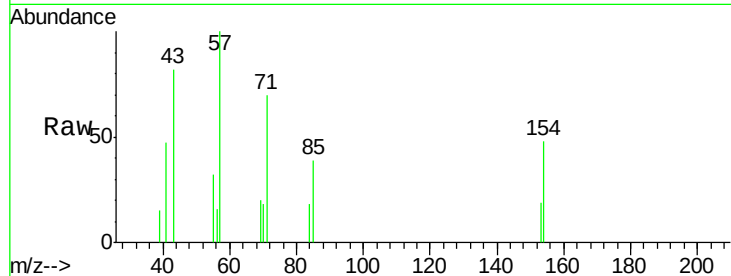
Tgt Ion:154 Resp: 743

Ion Ratio Lower Upper

154 100

153 38.6 20.6 60.6

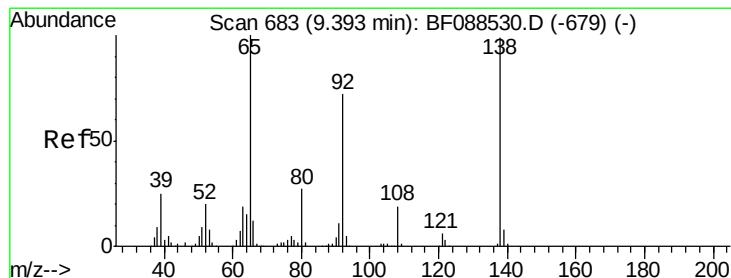
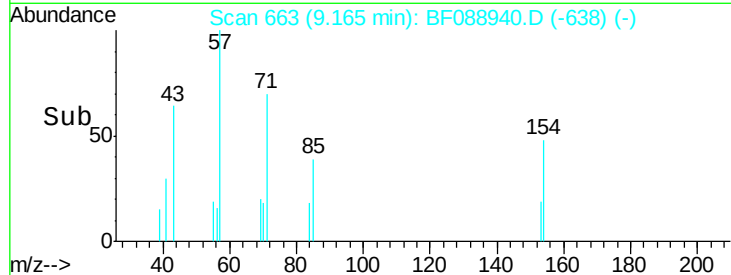
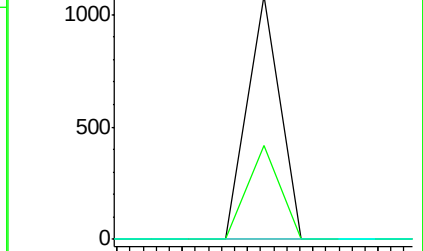
76 0.0 0.0 35.1



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



#47

2-Nitroaniline

Concen: 0.49 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.17 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

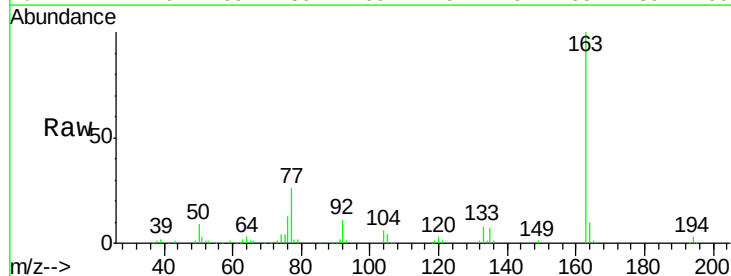
Tgt Ion: 65 Resp: 1220

Ion Ratio Lower Upper

65 100

92 863.2 54.6 82.0#

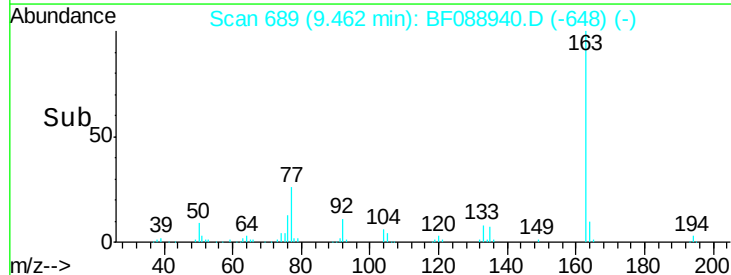
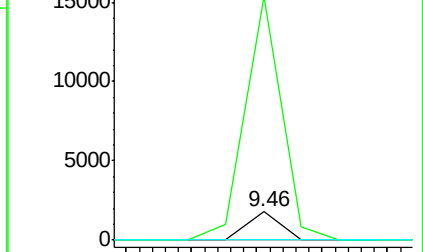
138 0.0 77.0 115.4#

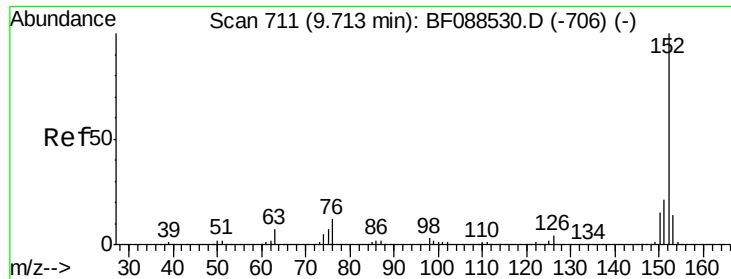


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.09 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

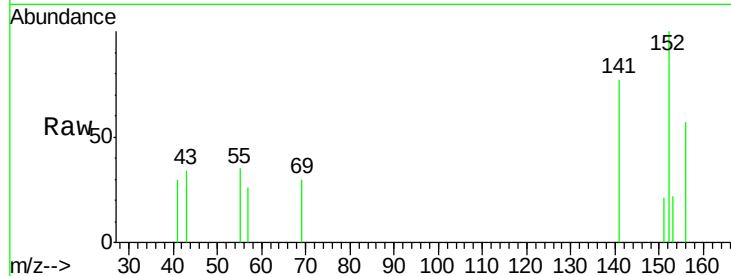
Tgt Ion:152 Resp: 975

Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4

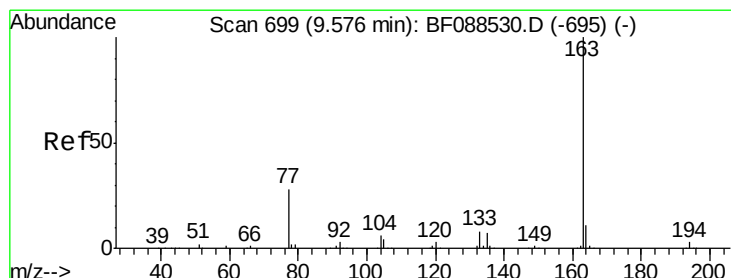
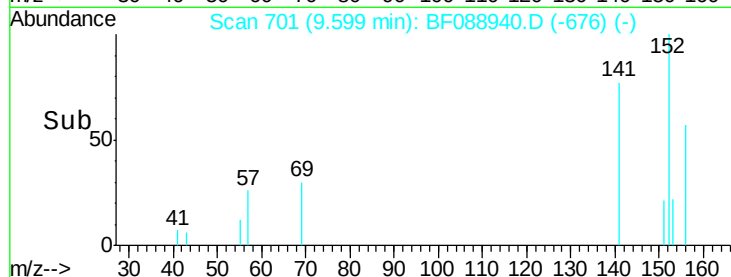
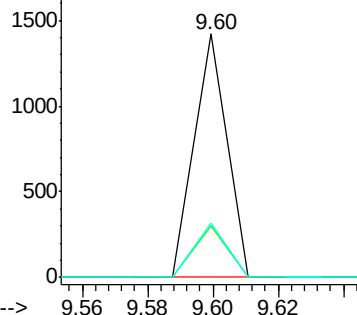
153 22.1 11.0 16.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 14.64 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

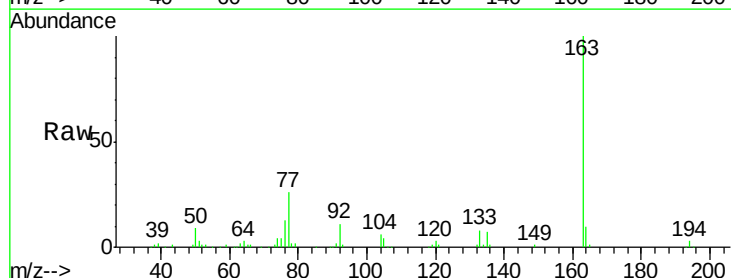
Tgt Ion:163 Resp: 113312

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

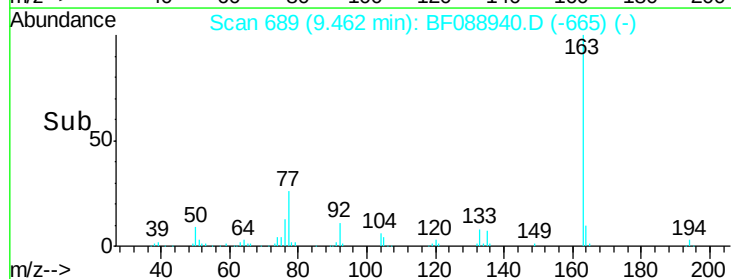
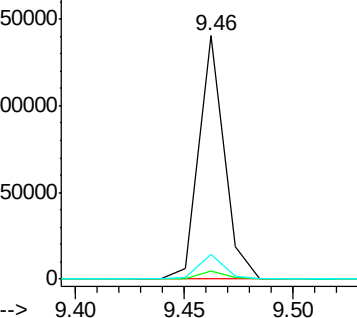
164 10.0 8.3 12.5

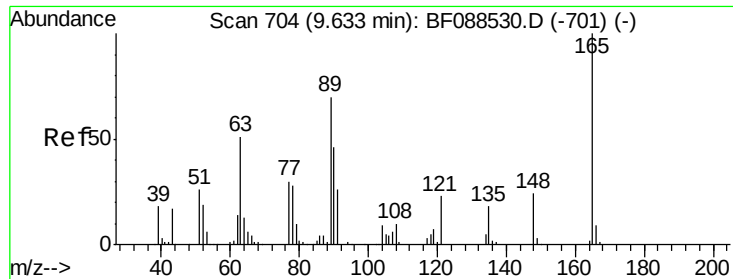


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

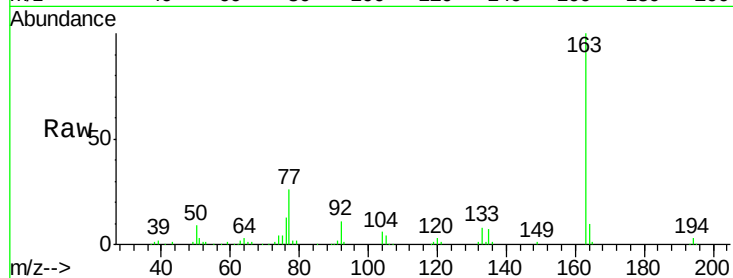




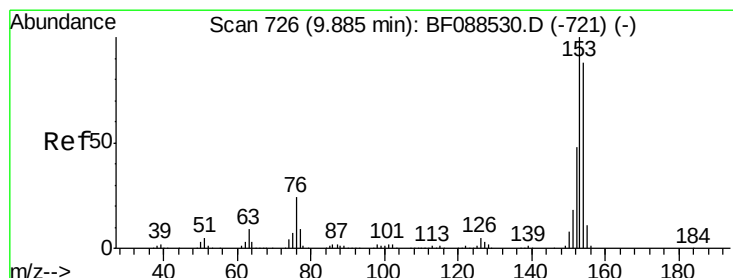
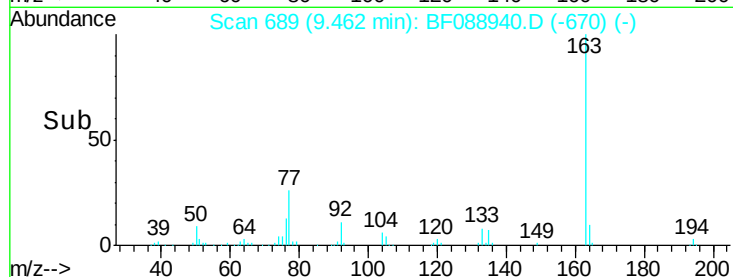
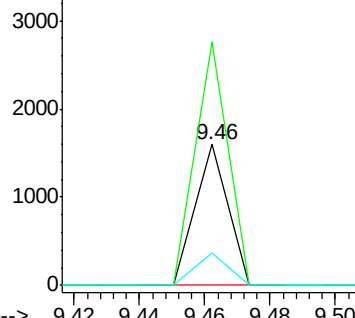
#50
 2,6-Dinitrotoluene
 Concen: 0.64 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.08 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Tgt Ion:165 Resp: 1097
 Ion Ratio Lower Upper
 165 100
 63 172.6 28.1 42.1#
 89 23.1 32.2 48.2#

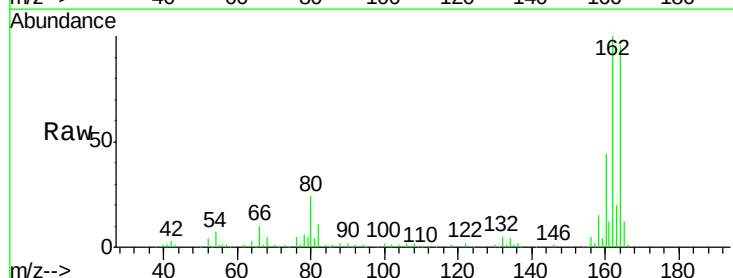


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

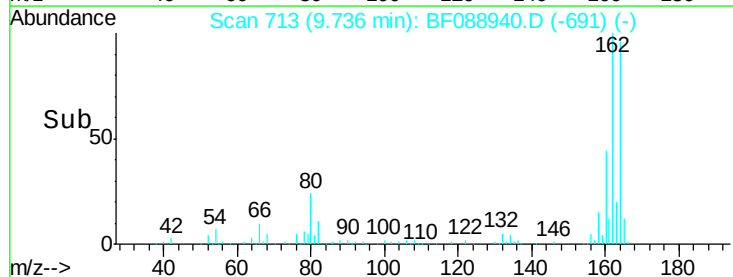
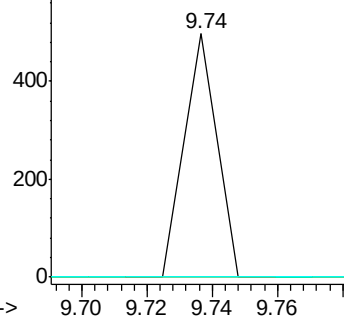


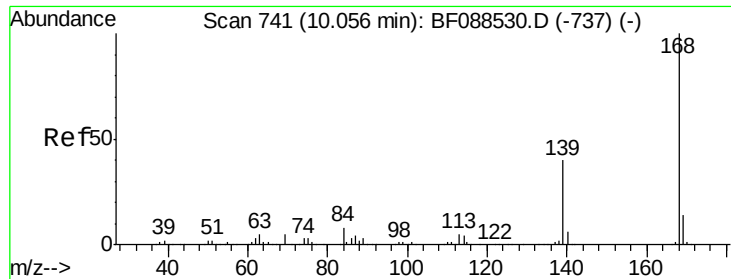
#51
 Acenaphthene
 Concen: 0.05 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

Tgt Ion:154 Resp: 342
 Ion Ratio Lower Upper
 154 100
 153 0.0 89.5 134.3#
 152 0.0 42.7 64.1#



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

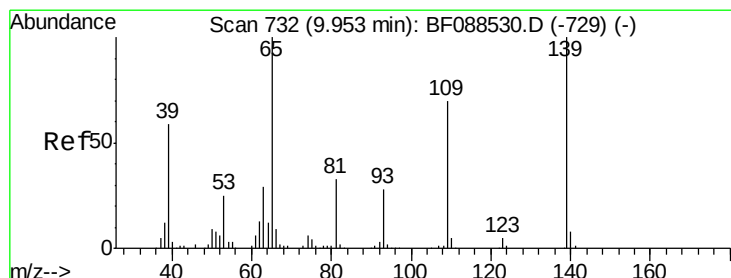
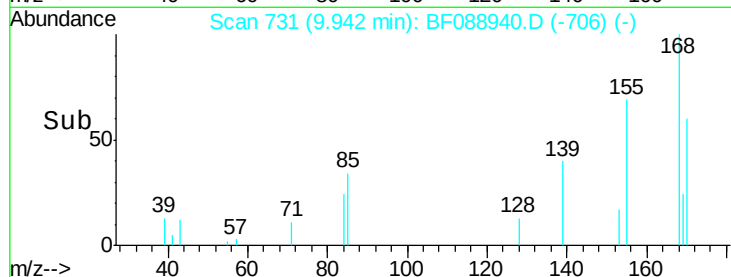
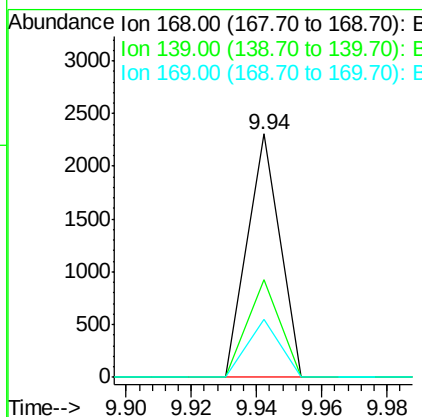
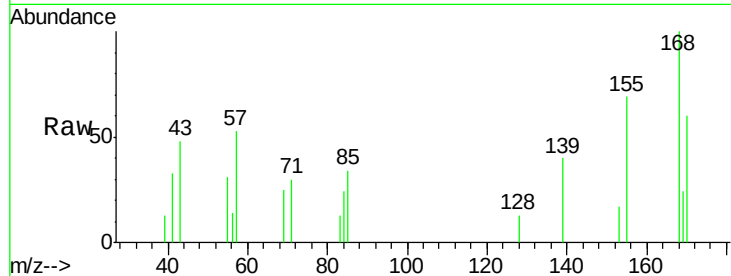




#54
Dibenzofuran
Concen: 0.18 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088940.D
Acq: 13 Jul 2016 1:24

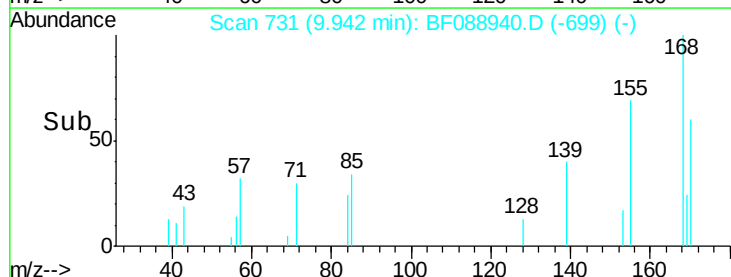
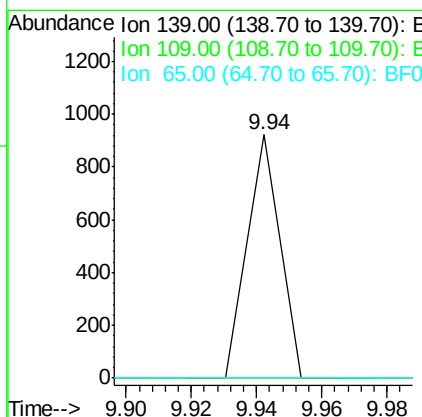
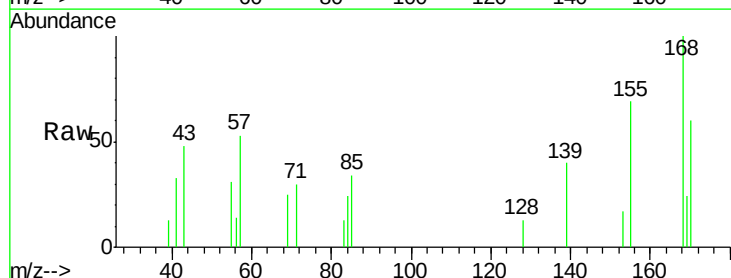
Instrument :
BNA_F
ClientSampled :
C3-01

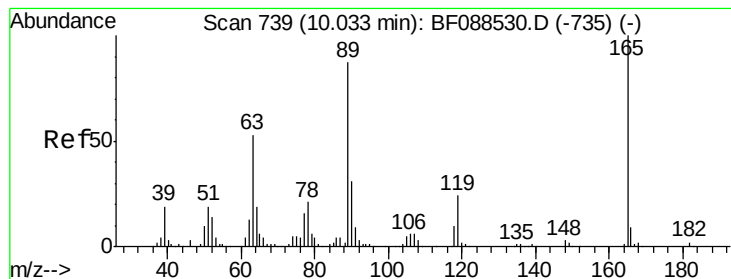
Tgt Ion:168 Resp: 1583
Ion Ratio Lower Upper
168 100
139 40.0 26.4 39.6#
169 23.7 10.4 15.6#



#55
4-Nitrophenol
Concen: 0.38 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.07 min
Lab File: BF088940.D
Acq: 13 Jul 2016 1:24

Tgt Ion:139 Resp: 633
Ion Ratio Lower Upper
139 100
109 0.0 48.9 88.9#
65 0.0 84.9 124.9#





#56

2,4-Dinitrotoluene

Concen: 6.23 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampled :

C3-01

Tgt Ion:165 Resp: 13983

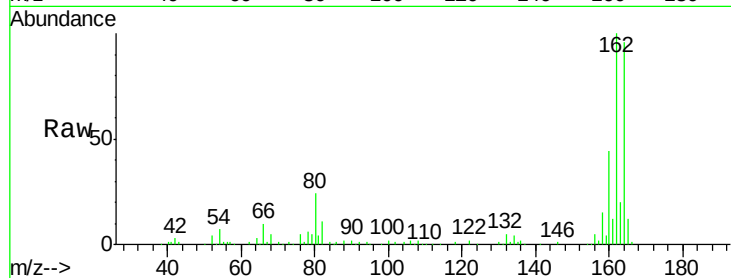
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

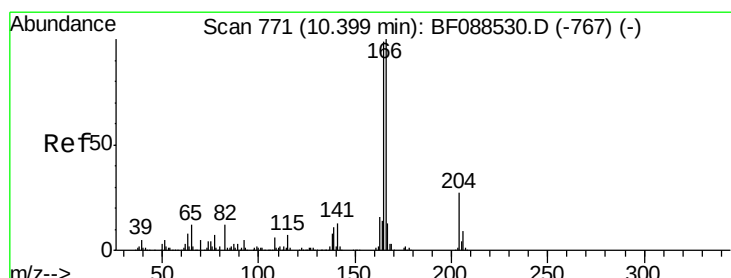
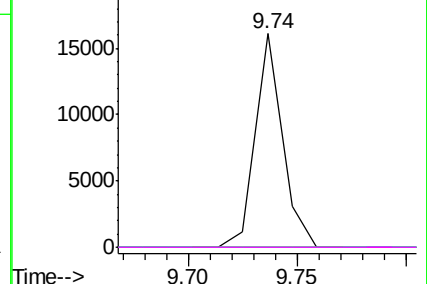
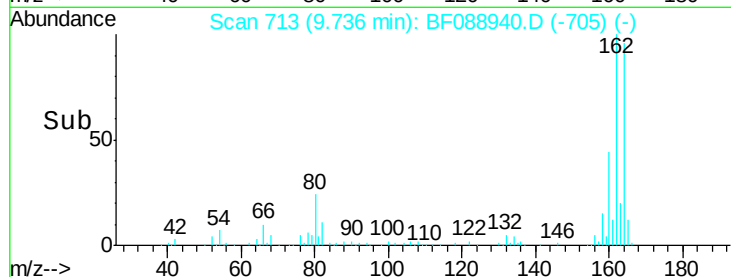


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 0.77 ng

RT: 10.53 min Scan# 782

Delta R.T. 0.23 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

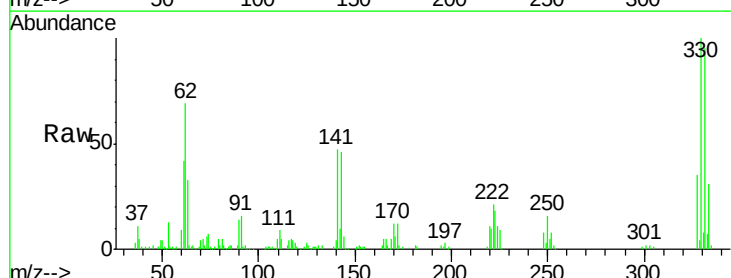
Tgt Ion:166 Resp: 5326

Ion Ratio Lower Upper

166 100

165 102.0 77.8 116.8

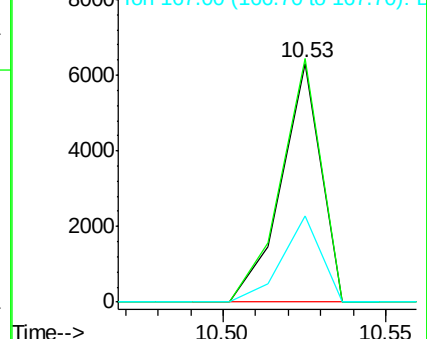
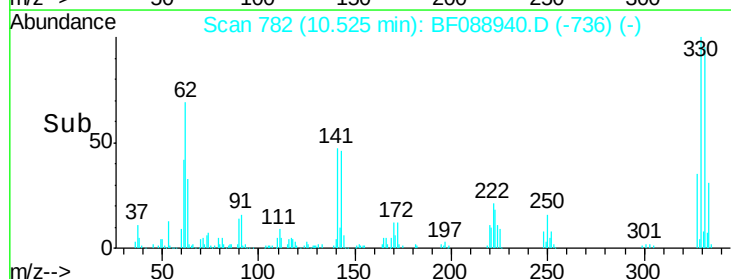
167 36.0 11.2 16.8#

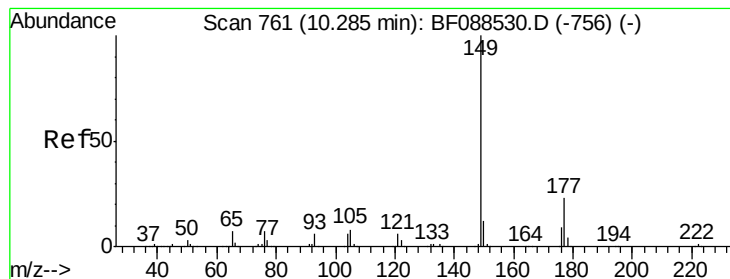


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.03 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampled :

C3-01

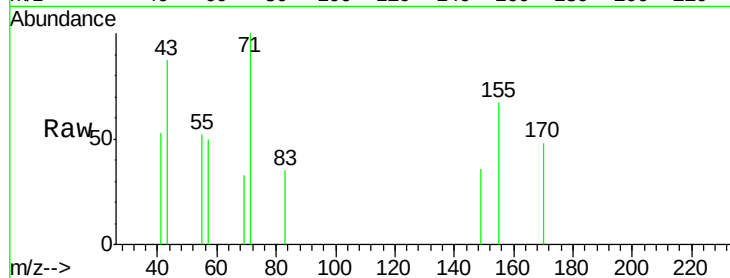
Tgt Ion:149 Resp: 269

Ion Ratio Lower Upper

149 100

177 0.0 16.9 25.3#

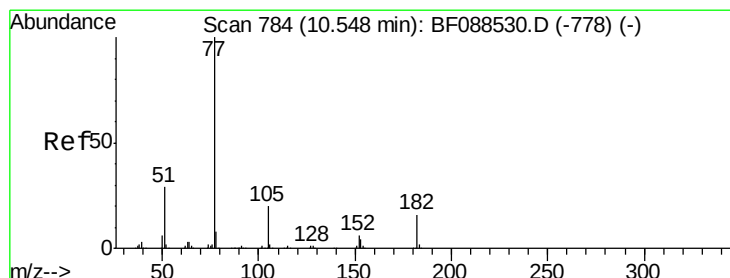
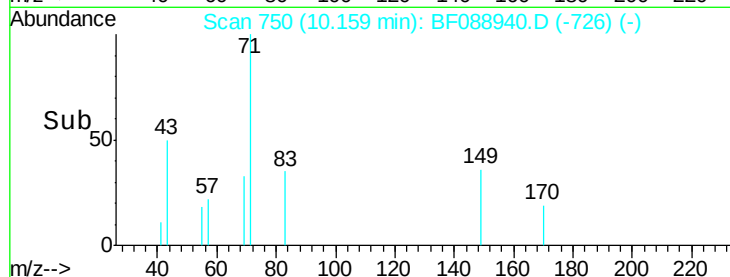
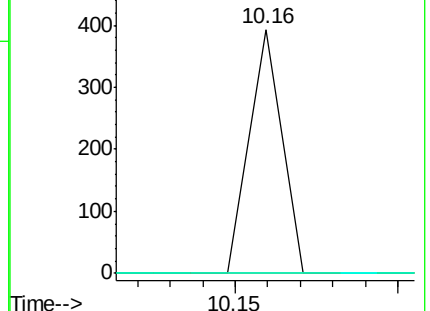
150 0.0 10.1 15.1#



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



#62

Azobenzene

Concen: 0.11 ng

RT: 10.53 min Scan# 782

Delta R.T. 0.08 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Tgt Ion: 77 Resp: 931

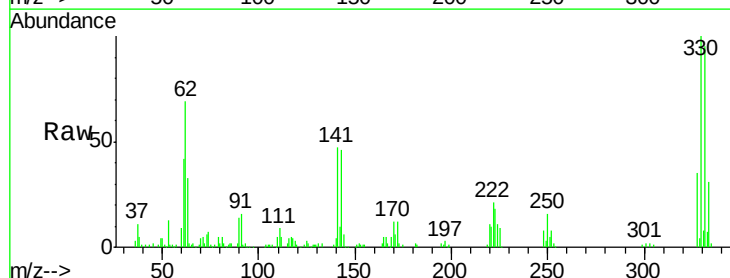
Ion Ratio Lower Upper

77 100

182 170.2 4.4 44.4#

105 99.5 3.8 43.8#

51 76.9 9.3 49.3#

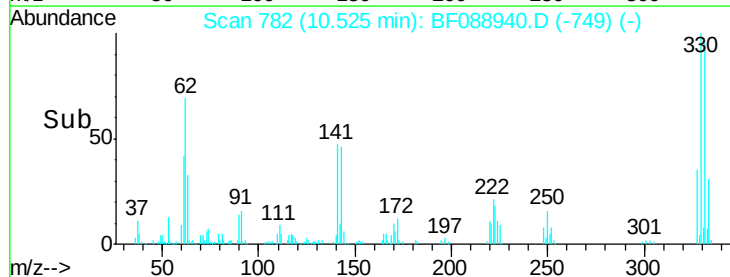
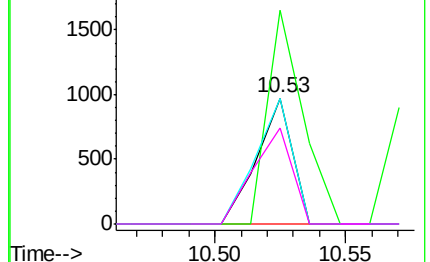


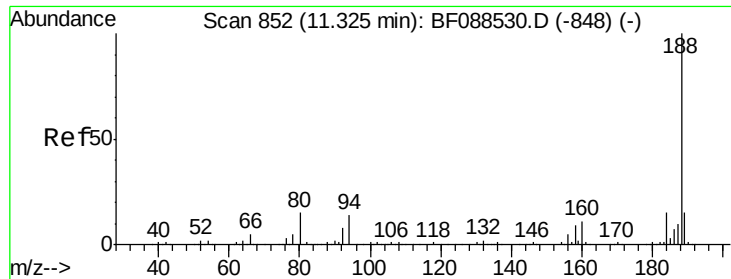
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

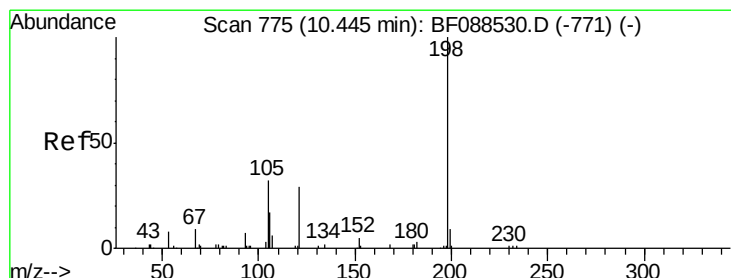
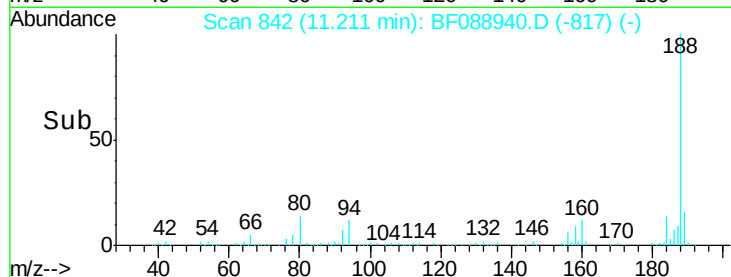
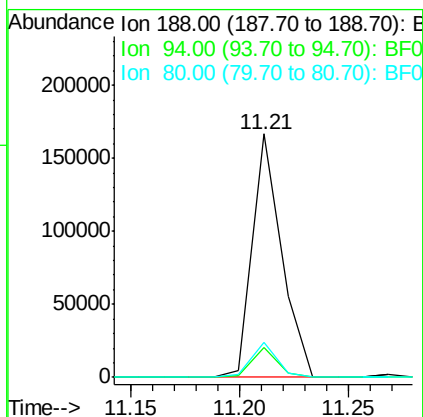
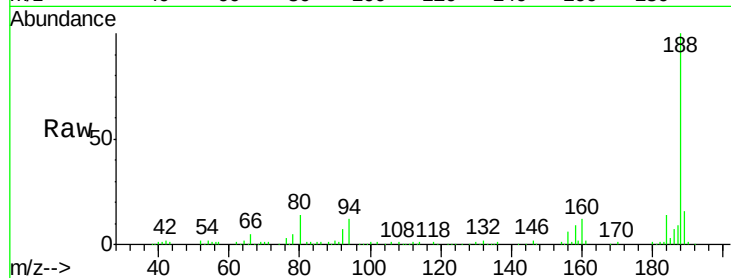




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088940.D
Acq: 13 Jul 2016 1:24

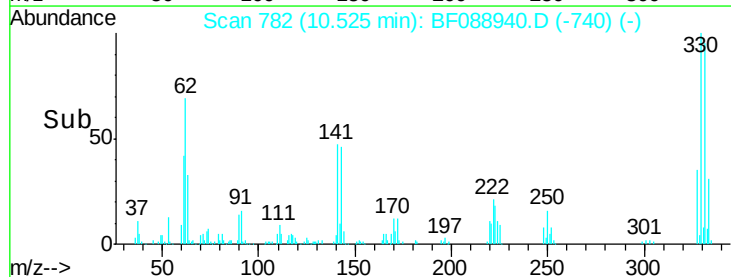
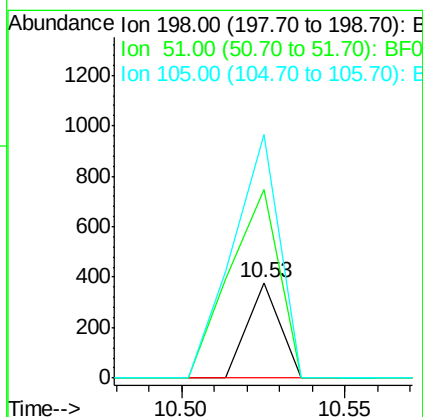
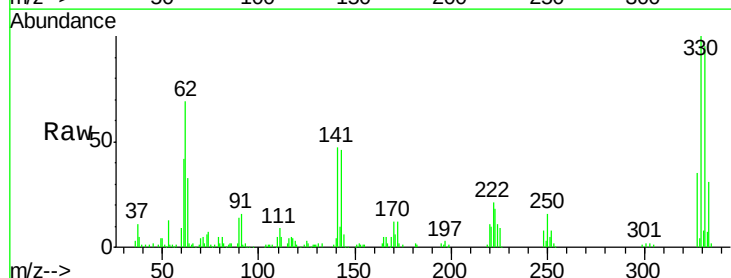
Instrument :
BNA_F
ClientSampleId :
C3-01

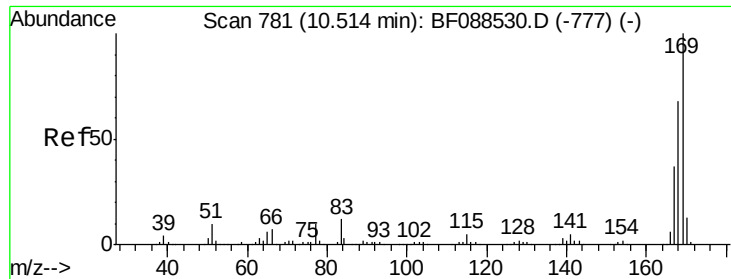
Tgt Ion:188 Resp: 156085
Ion Ratio Lower Upper
188 100
94 12.1 9.0 13.6
80 14.2 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 0.31 ng
RT: 10.53 min Scan# 782
Delta R.T. 0.18 min
Lab File: BF088940.D
Acq: 13 Jul 2016 1:24

Tgt Ion:198 Resp: 259
Ion Ratio Lower Upper
198 100
51 197.9 39.6 79.6#
105 256.0 36.6 76.6#





#65

n-Nitrosodiphenylamine

Concen: 0.06 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

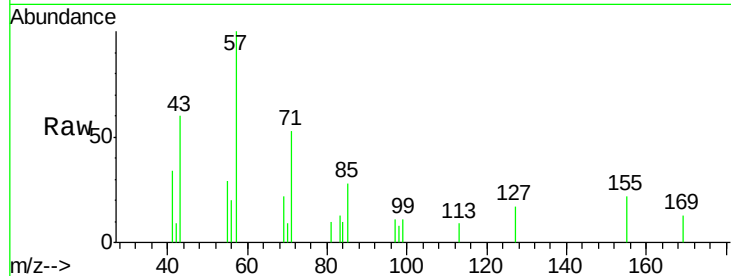
Tgt Ion:169 Resp: 314

Ion Ratio Lower Upper

169 100

168 0.0 53.4 80.0#

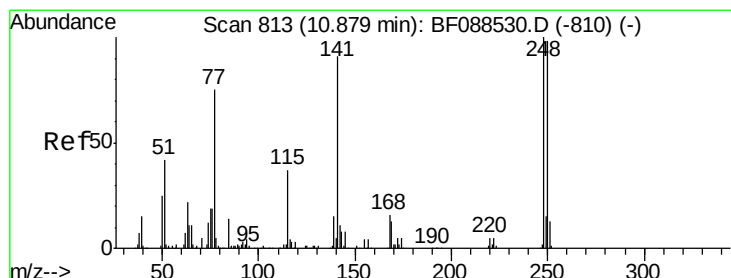
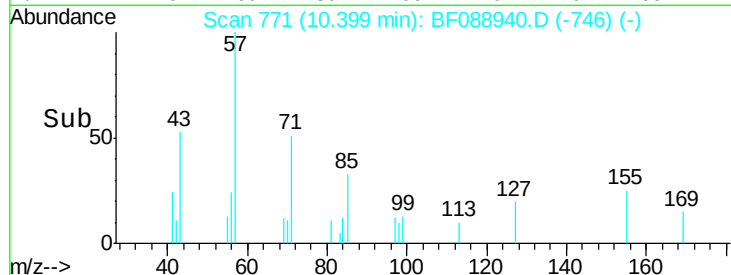
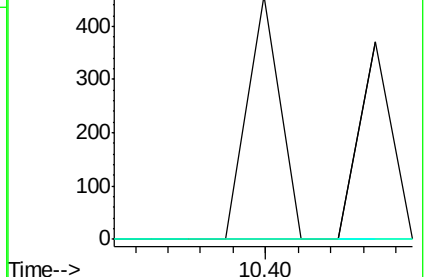
167 0.0 29.4 44.0#



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: 4.76 ng

RT: 10.53 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

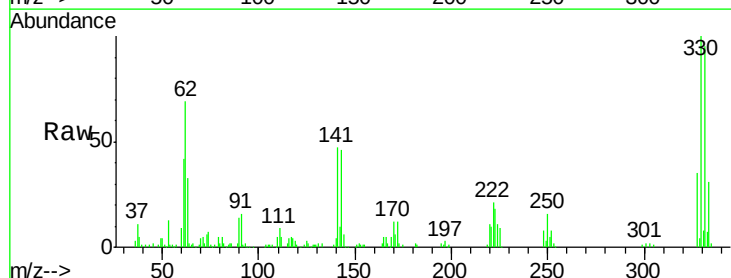
Tgt Ion:248 Resp: 7495

Ion Ratio Lower Upper

248 100

250 204.7 77.1 115.7#

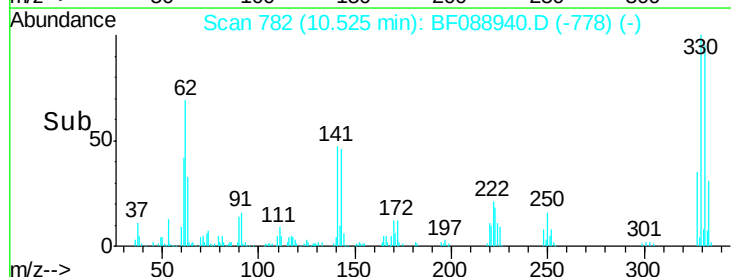
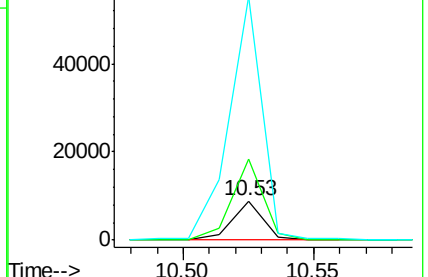
141 618.1 50.6 76.0#

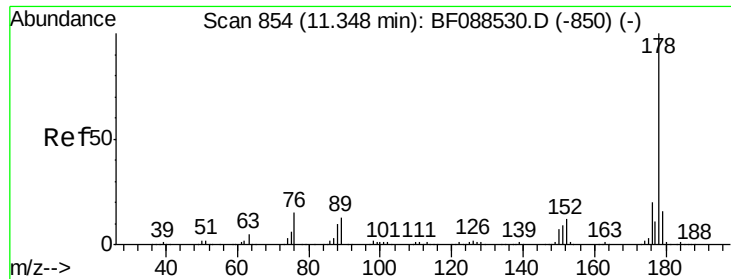


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

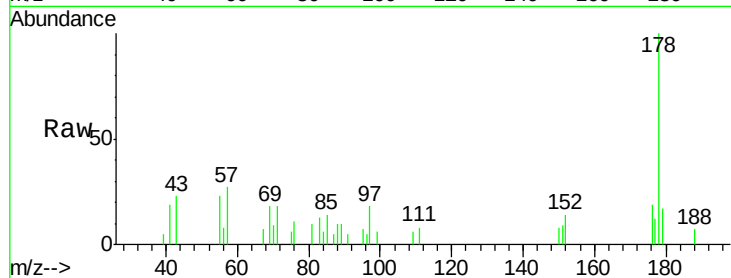




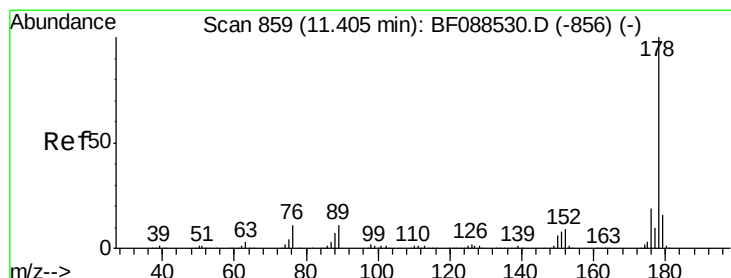
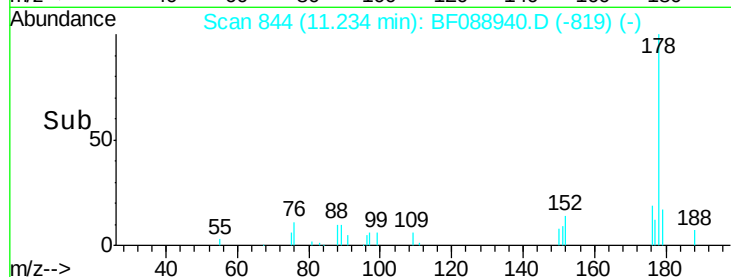
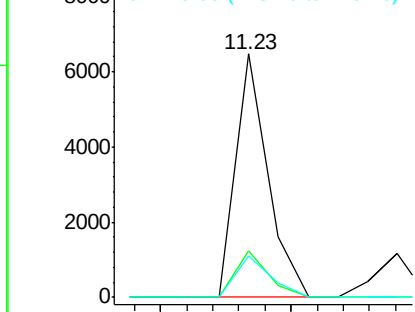
#70
Phenanthrene
Concen: 0.65 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088940.D
Acq: 13 Jul 2016 1:24

Instrument :
BNA_F
ClientSampleId :
C3-01

Tgt Ion:178 Resp: 5533
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 16.9 13.0 19.4

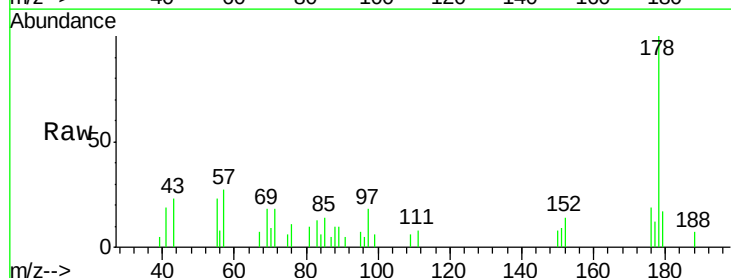


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

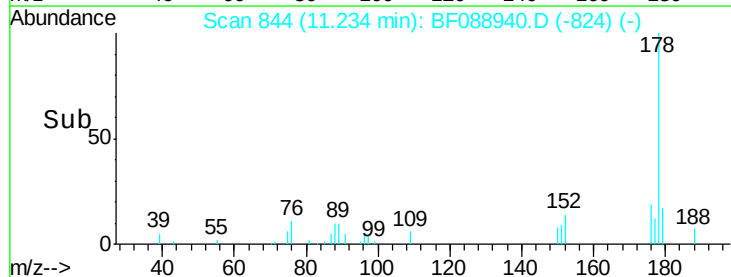
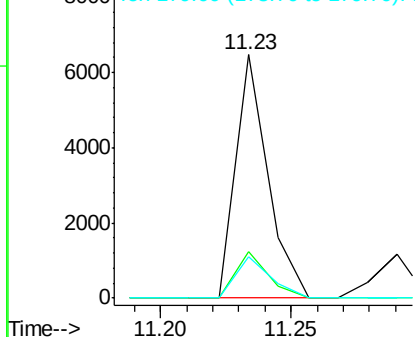


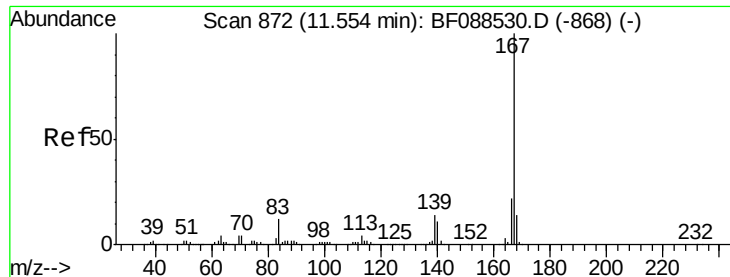
#71
Anthracene
Concen: 0.65 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.07 min
Lab File: BF088940.D
Acq: 13 Jul 2016 1:24

Tgt Ion:178 Resp: 5533
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 16.9 12.8 19.2



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

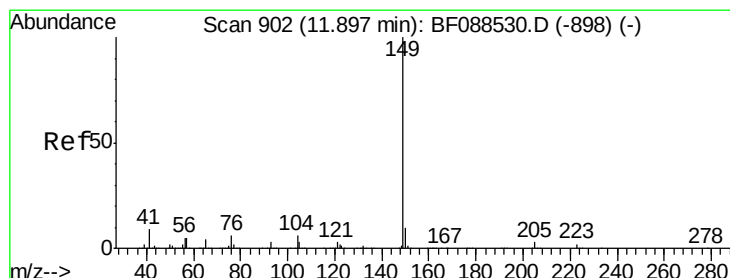
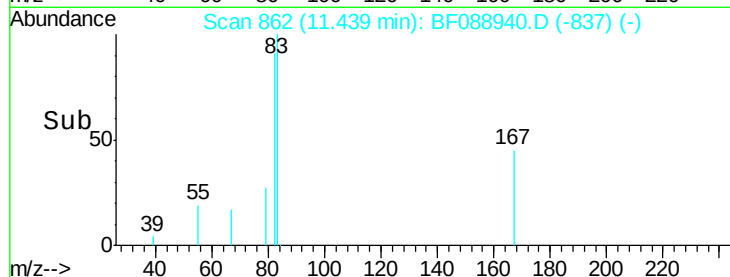
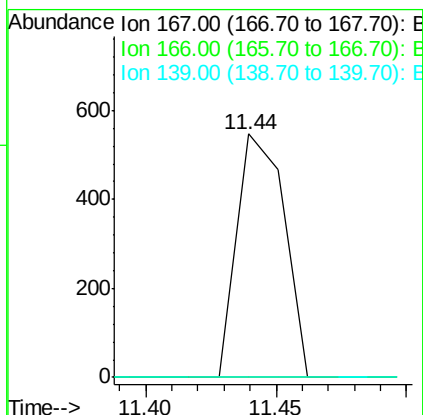
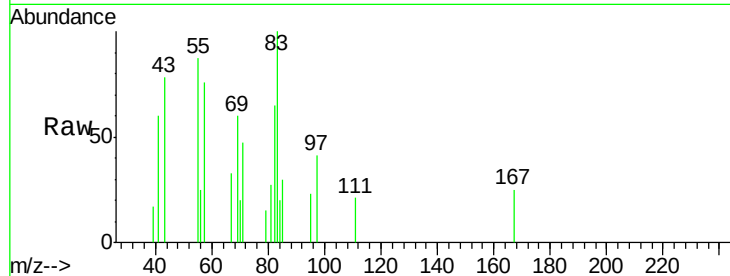




#72
 Carbazole
 Concen: 0.09 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

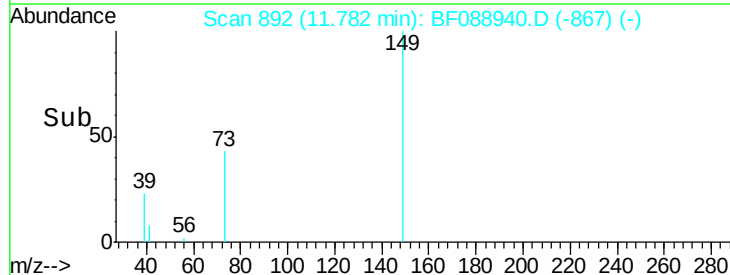
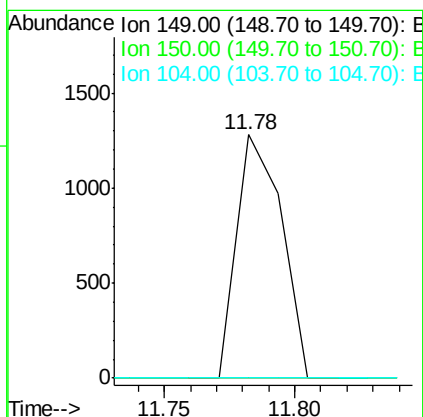
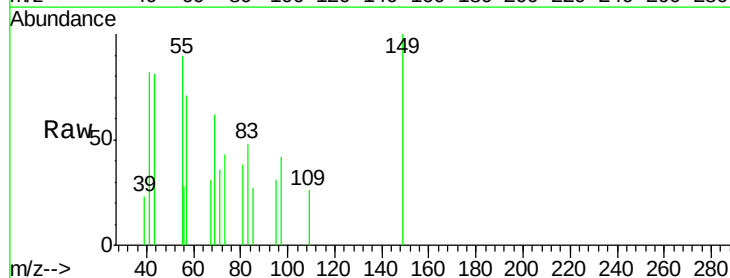
Instrument :
 BNA_F
 ClientSampleId :
 C3-01

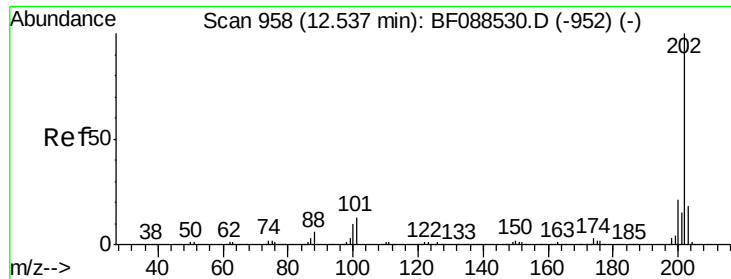
Tgt Ion:167 Resp: 695
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.8 26.6#
 139 0.0 11.2 16.8#



#73
 Di-n-butylphthalate
 Concen: 0.17 ng
 RT: 11.78 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

Tgt Ion:149 Resp: 1546
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 4.0 6.0#

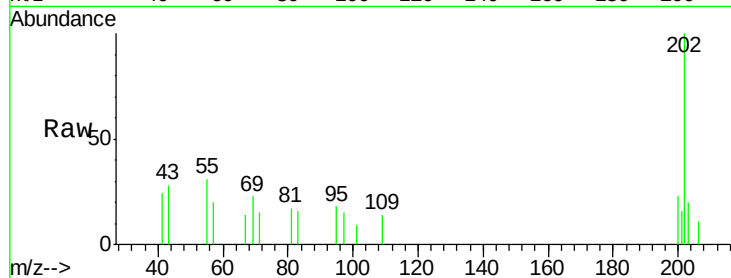




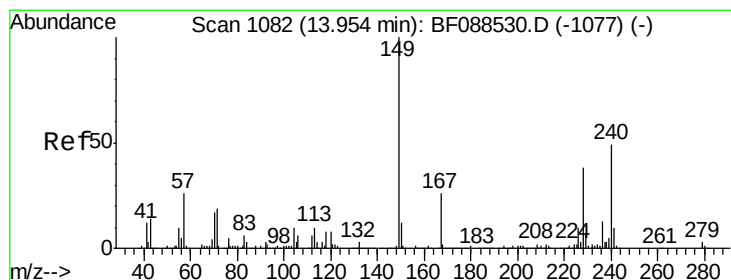
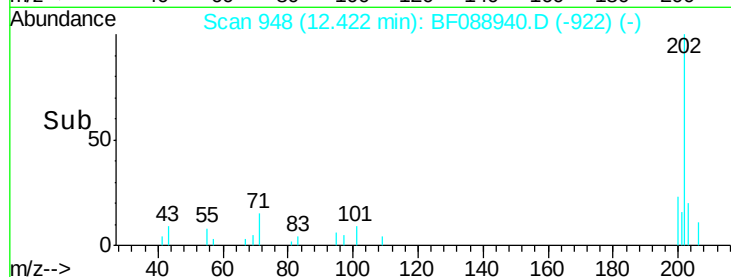
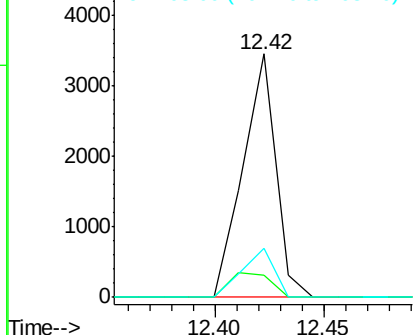
#74
Fluoranthene
Concen: 0.42 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF088940.D
Acq: 13 Jul 2016 1:24

Instrument :
BNA_F
ClientSampleId :
C3-01

Tgt Ion: 202 Resp: 3629
Ion Ratio Lower Upper
202 100
101 8.9 0.0 33.1
203 20.1 0.0 38.1

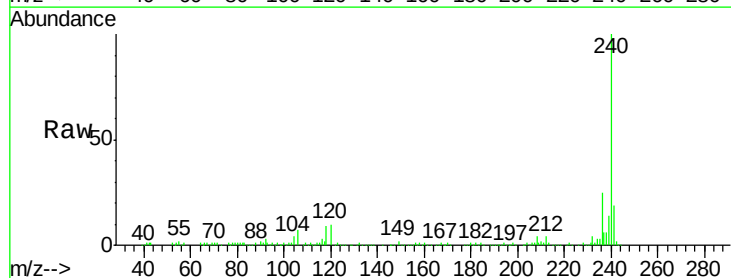


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

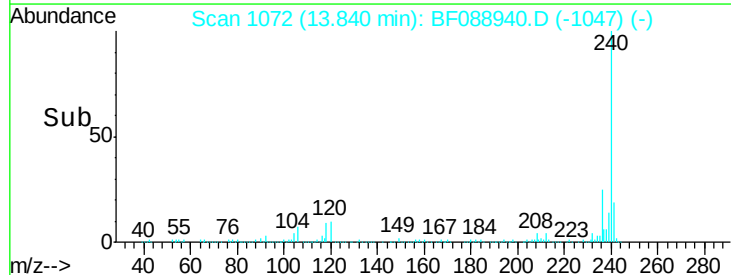
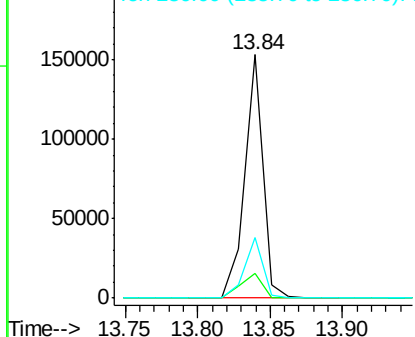


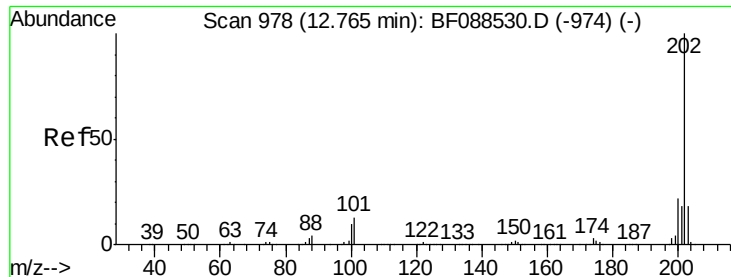
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088940.D
Acq: 13 Jul 2016 1:24

Tgt Ion: 240 Resp: 132871
Ion Ratio Lower Upper
240 100
120 9.9 6.8 10.2
236 25.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

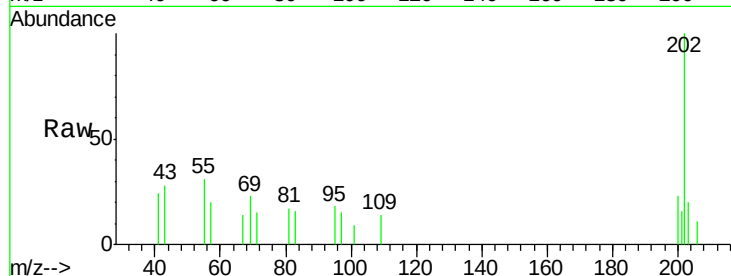




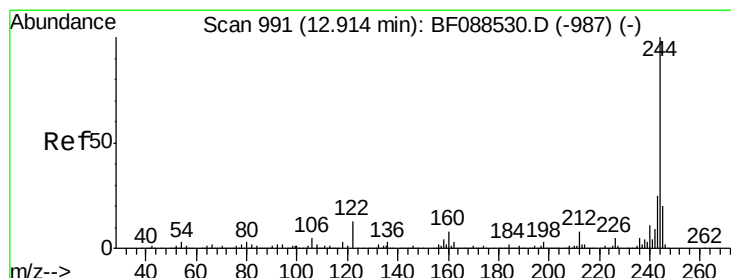
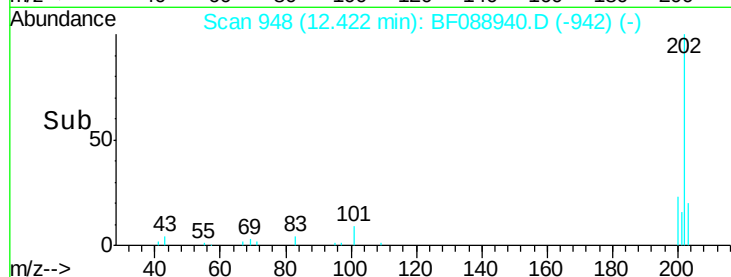
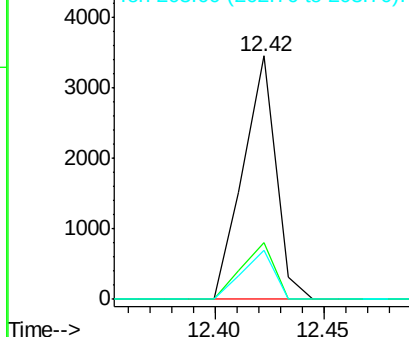
#77
 Pyrene
 Concen: 0.32 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.23 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Tgt Ion: 202 Resp: 3629
 Ion Ratio Lower Upper
 202 100
 200 23.1 17.4 26.2
 203 20.1 14.5 21.7

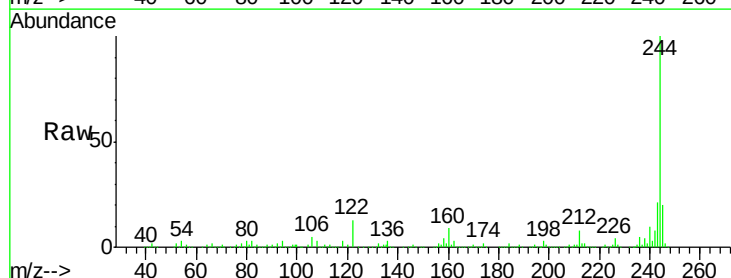


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

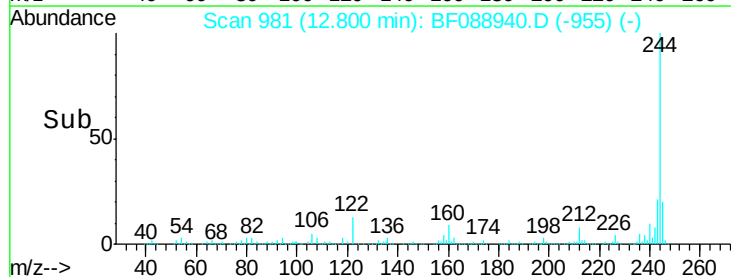
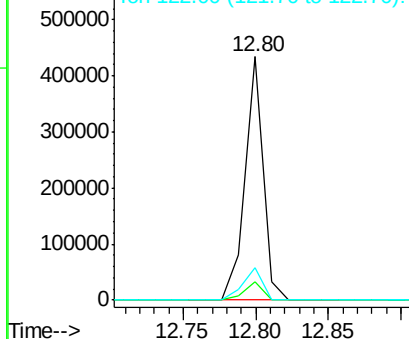


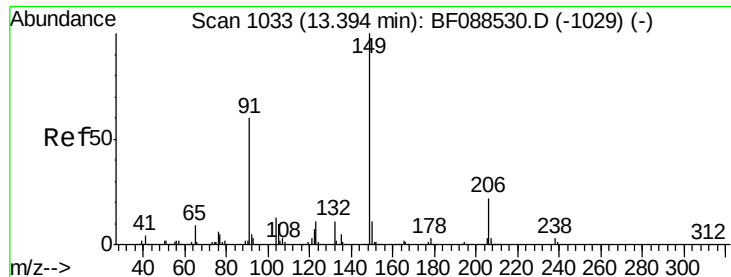
#78
 Terphenyl-d14
 Concen: 63.18 ng
 RT: 12.80 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

Tgt Ion: 244 Resp: 376883
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.4 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.25 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

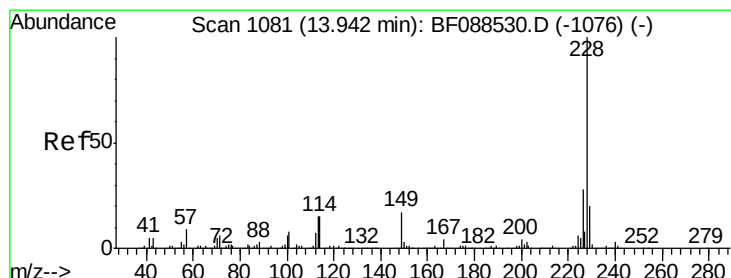
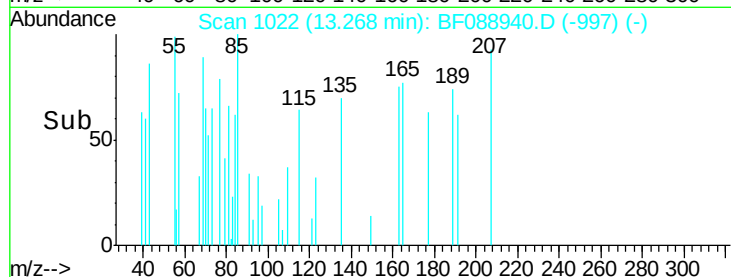
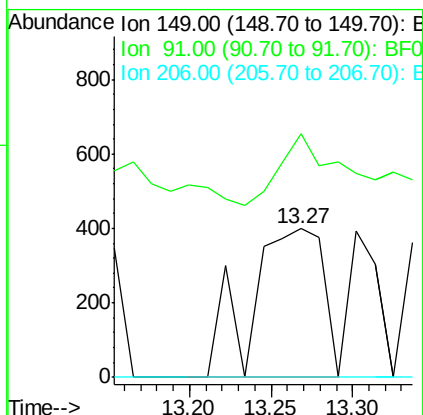
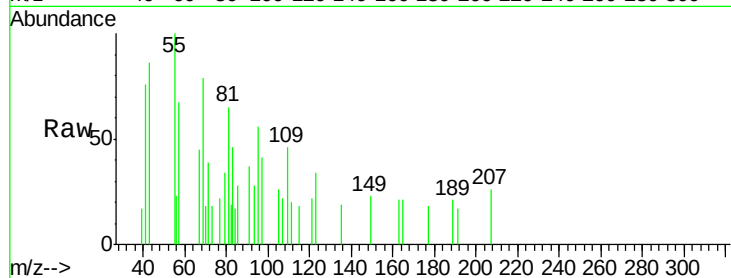
Instrument :

BNA_F

ClientSampleId :

C3-01

Tgt Ion:	149	Resp:	1232
Ion Ratio	Lower	Upper	
149	100		
91	163.9	48.0	72.0#
206	0.0	16.0	24.0#



#80

Benzo(a)anthracene

Concen: 0.76 ng

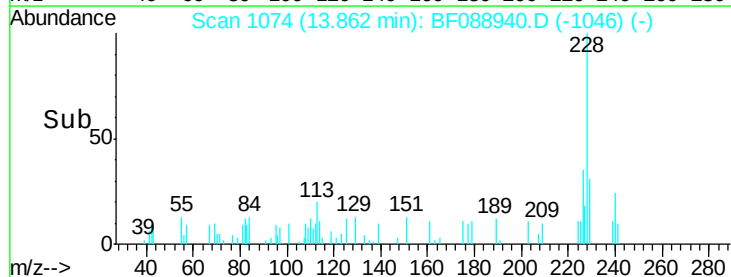
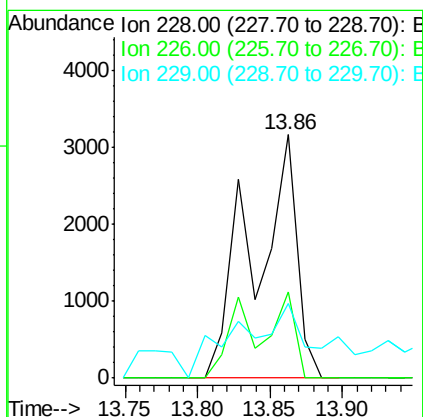
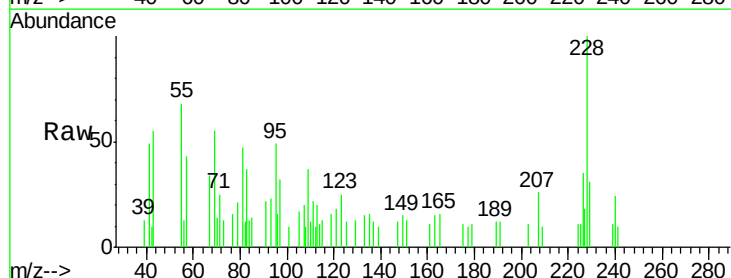
RT: 13.86 min Scan# 1074

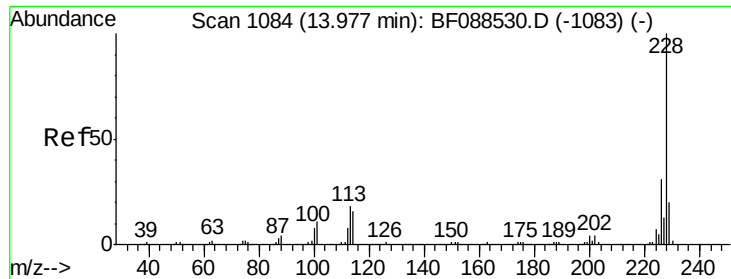
Delta R.T. 0.02 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Tgt Ion:	228	Resp:	6540
Ion Ratio	Lower	Upper	
228	100		
226	35.2	22.3	33.5#
229	30.6	16.0	24.0#





#82

Chrysene

Concen: 0.77 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

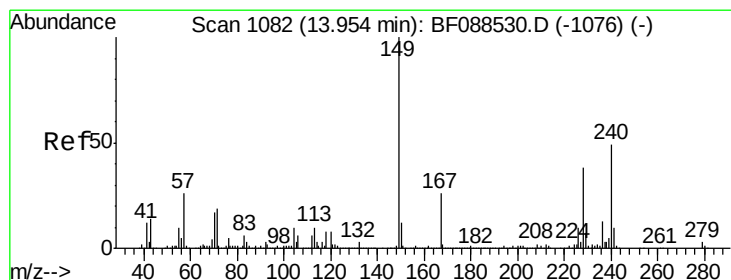
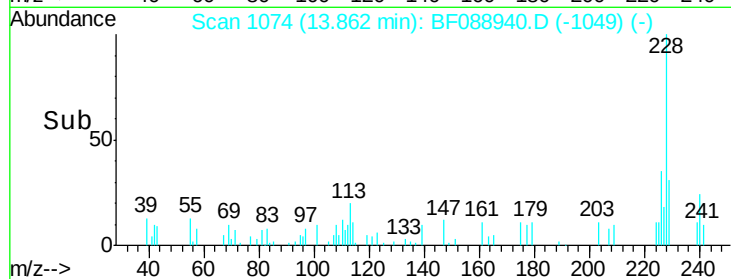
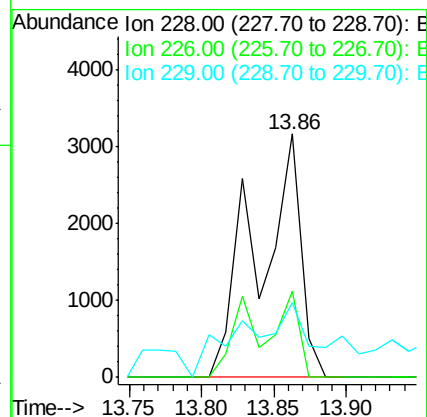
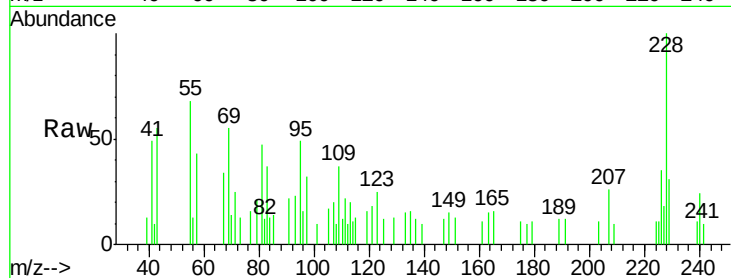
Tgt Ion: 228 Resp: 6540

Ion Ratio Lower Upper

228 100

226 35.2 25.4 38.2

229 30.6 16.3 24.5#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

RT: 13.84 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

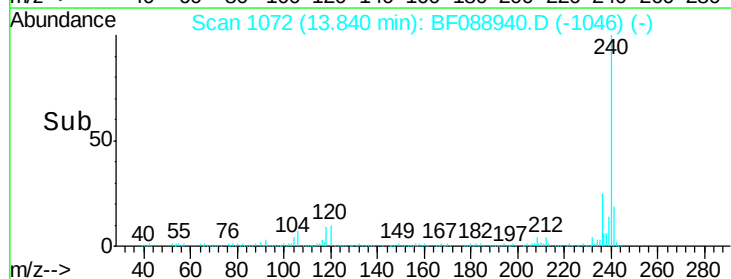
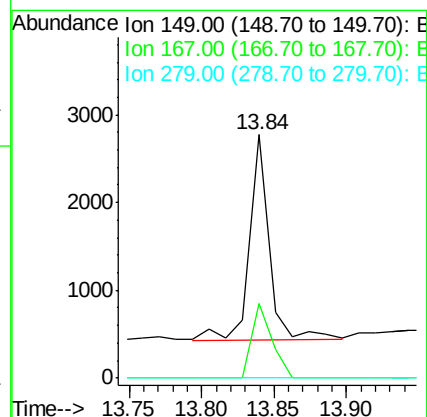
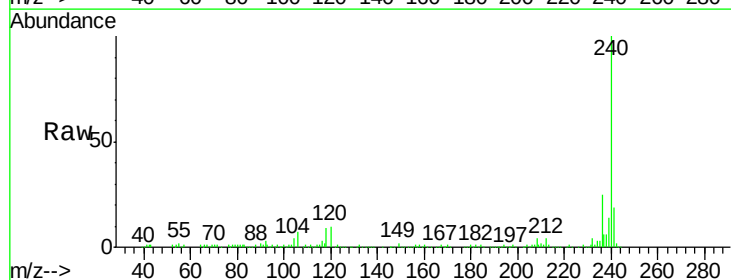
Tgt Ion: 149 Resp: 2235

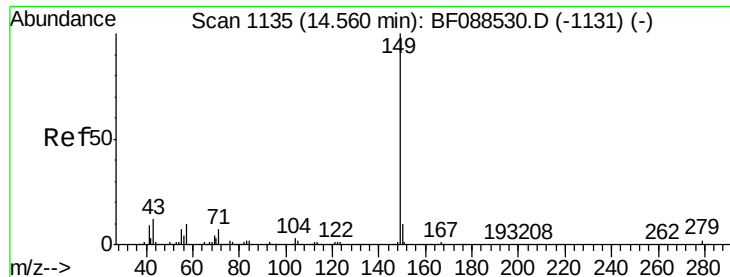
Ion Ratio Lower Upper

149 100

167 30.5 20.5 30.7

279 0.0 2.0 3.0#





#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 14.41 min Scan# 1122

Delta R.T. -0.05 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

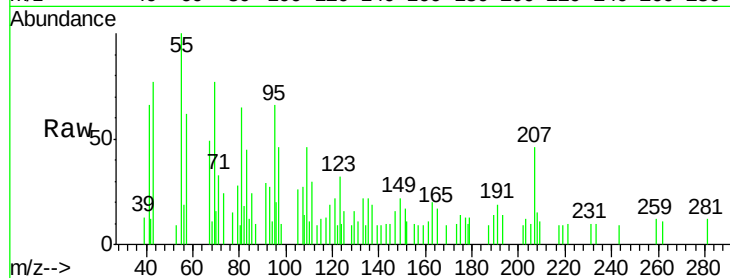
Tgt Ion:149 Resp: 121

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

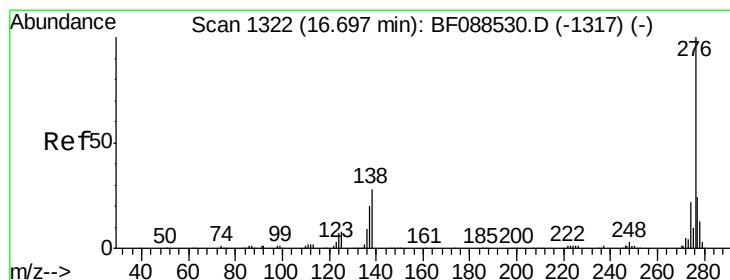
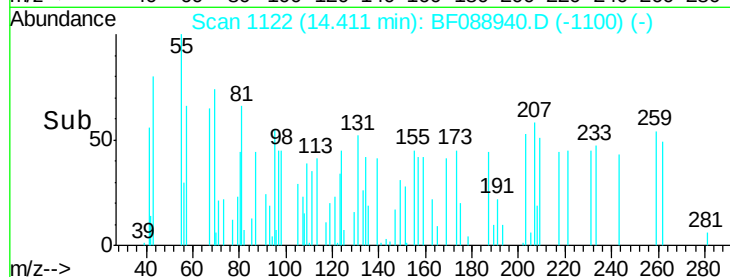
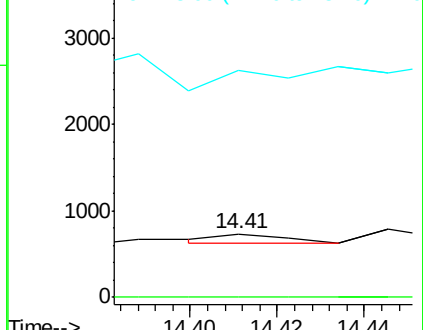
43 0.0 0.0 0.0



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: 0.26 ng

RT: 16.49 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

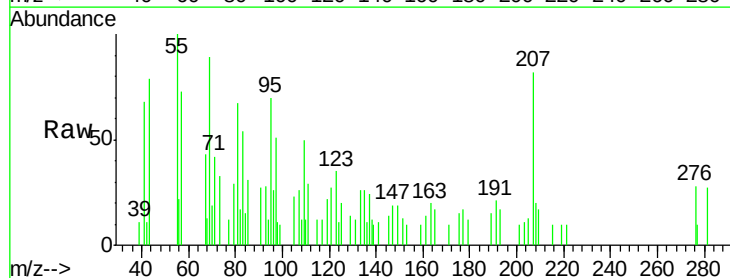
Tgt Ion:276 Resp: 1672

Ion Ratio Lower Upper

276 100

138 42.7 0.0 0.0#

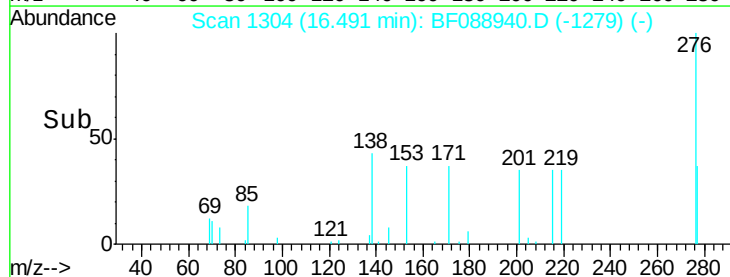
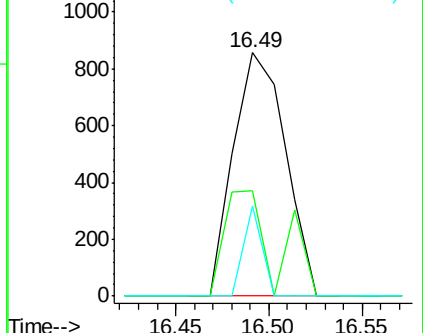
277 13.0 0.0 0.0#

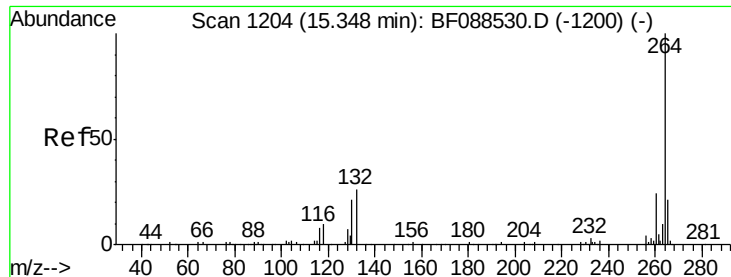


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.21 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampled :

C3-01

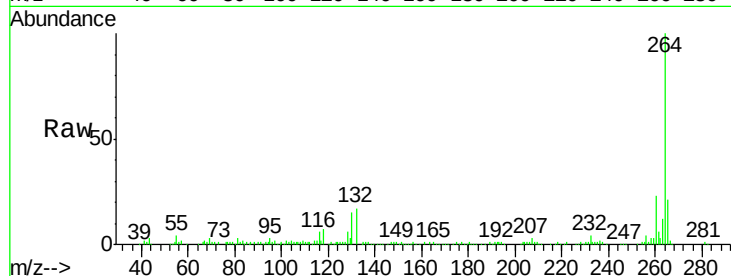
Tgt Ion: 264 Resp: 115295

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

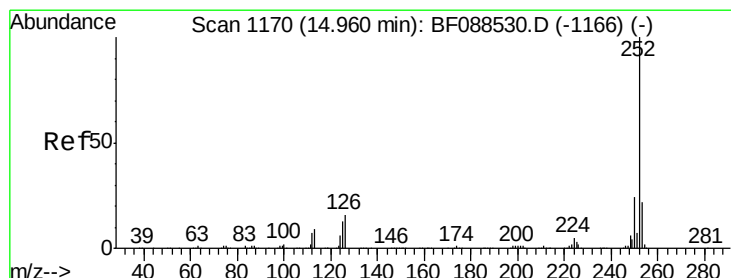
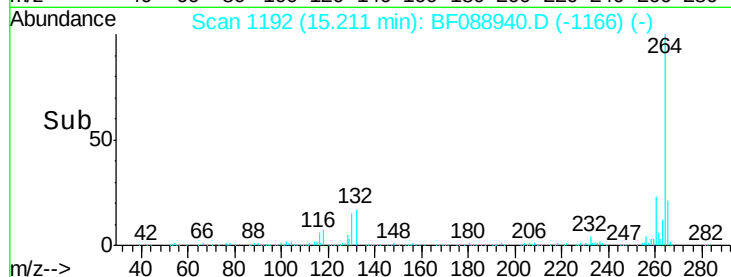
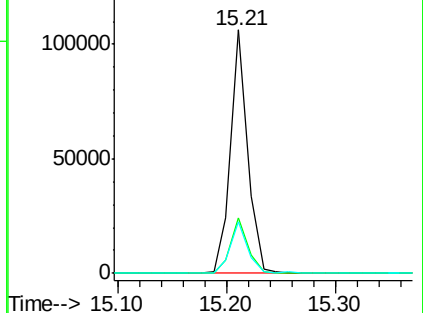
265 21.3 16.9 25.3



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: 0.65 ng

RT: 14.83 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

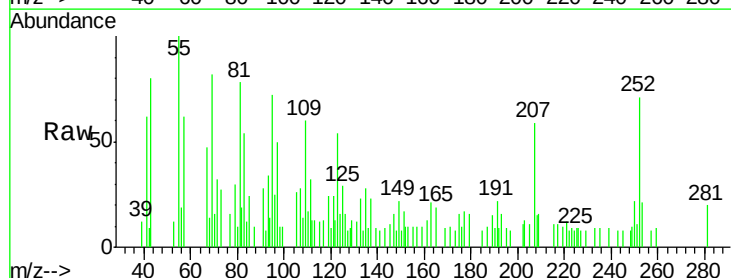
Tgt Ion: 252 Resp: 4690

Ion Ratio Lower Upper

252 100

253 30.1 17.4 26.2#

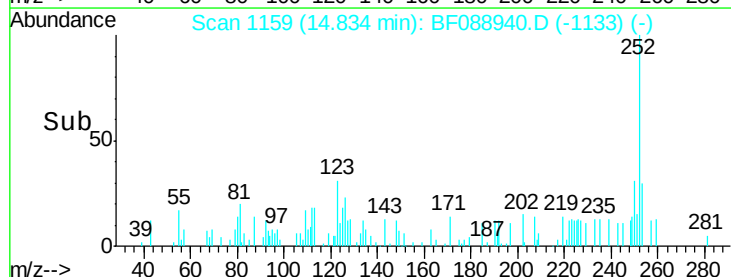
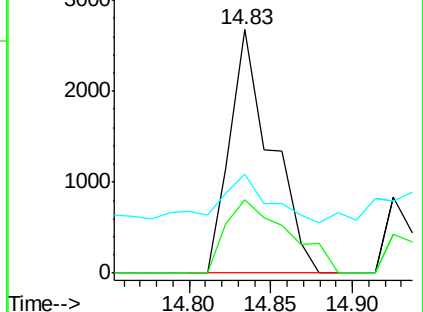
125 40.6 7.1 10.7#

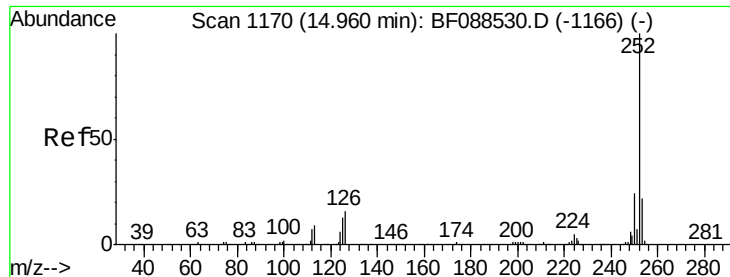


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.74 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

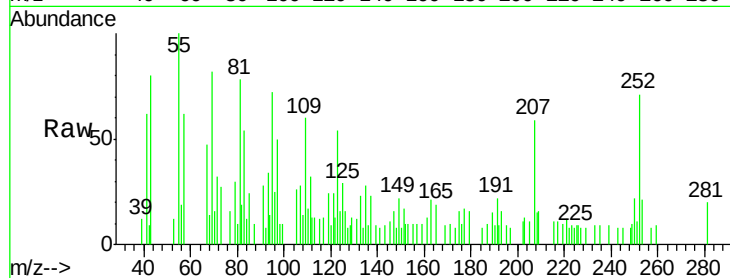
Tgt Ion:252 Resp: 4690

Ion Ratio Lower Upper

252 100

253 30.1 18.0 27.0#

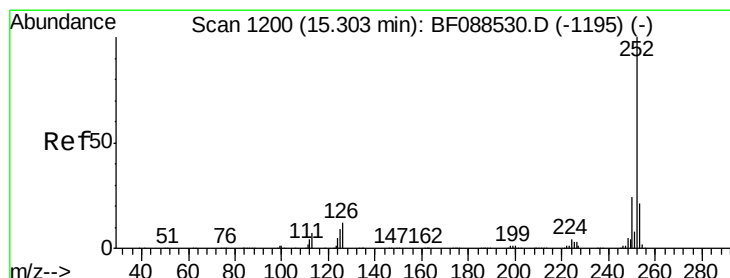
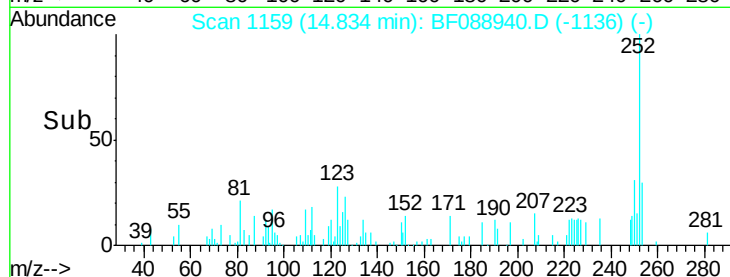
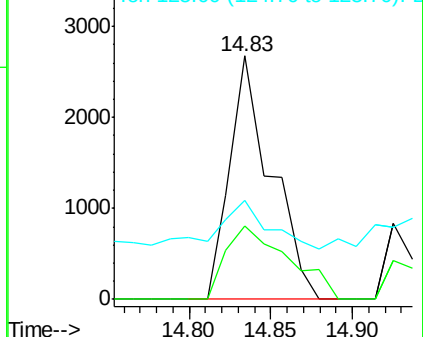
125 40.6 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.34 ng

RT: 15.15 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

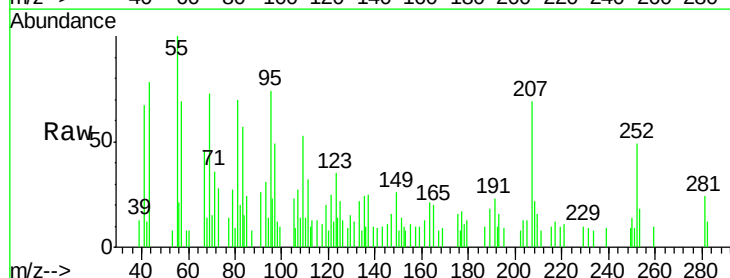
Tgt Ion:252 Resp: 2070

Ion Ratio Lower Upper

252 100

253 37.6 17.9 26.9#

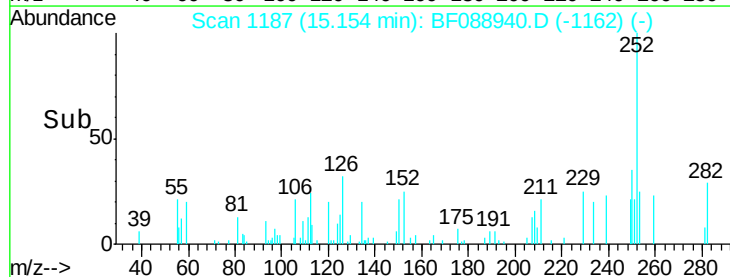
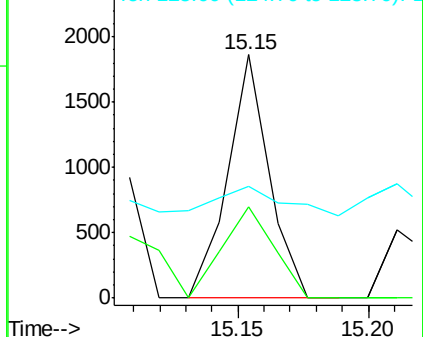
125 46.0 12.5 18.7#

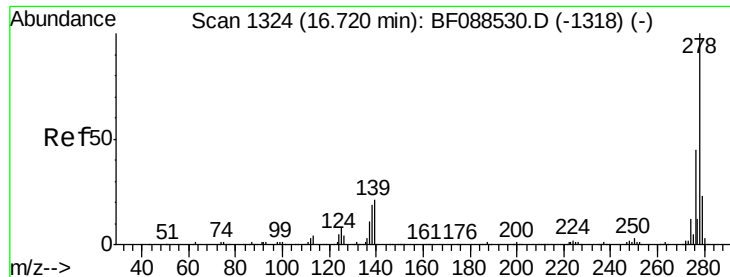


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.04 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

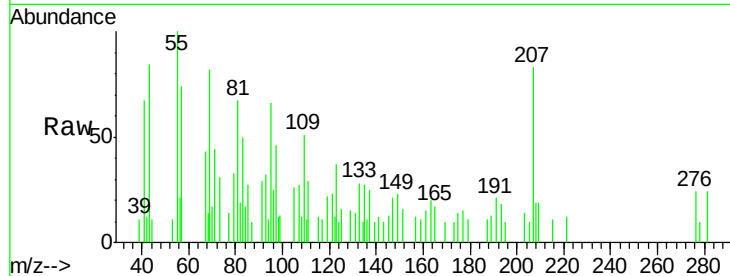
Tgt Ion:278 Resp: 213

Ion Ratio Lower Upper

278 100

139 103.9 15.7 23.5#

279 0.0 19.4 29.2#



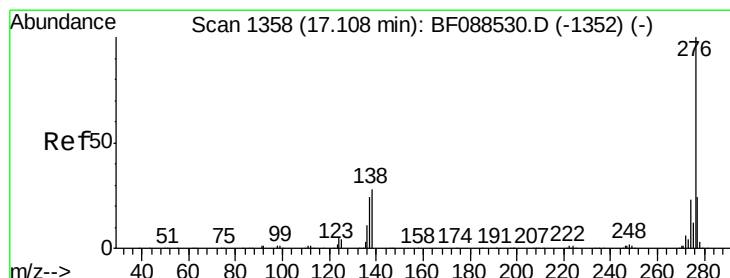
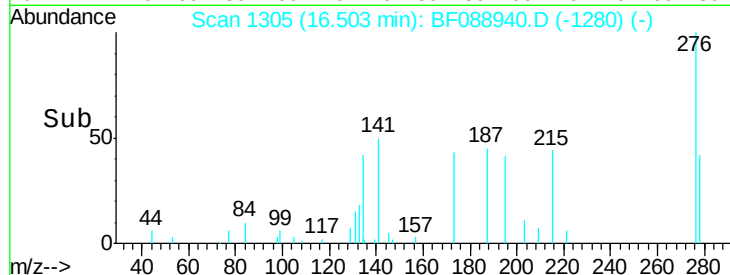
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

16.50

Time-->



#91

Benzo(g,h,i)perylene

Concen: 0.28 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

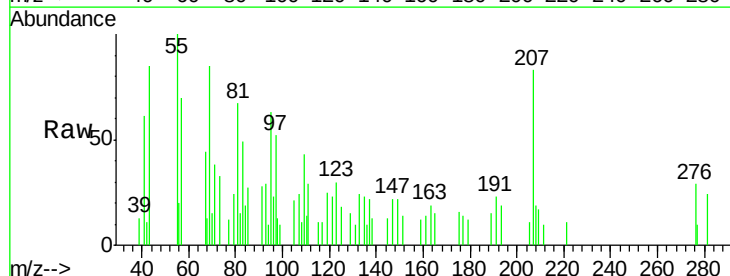
Tgt Ion:276 Resp: 1485

Ion Ratio Lower Upper

276 100

277 35.3 18.9 28.3#

138 45.2 21.4 32.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

16.88

Time-->

