

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082046.D
 Acq On : 5 Oct 2015 15:23
 Operator : UM/IZ
 Sample : G3692-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Quant Time: Oct 05 18:26:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 18:00:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	106274	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	400890	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	189620	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	369389	20.00	ng	0.00
75) Chrysene-d12	14.07	240	307308	20.00	ng	0.01
86) Perylene-d12	15.51	264	287092	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	793762	135.59	ng	0.01
7) Phenol-d6	6.51	99	1157127	157.08	ng	0.00
23) Nitrobenzene-d5	7.46	82	701287	116.61	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	278071	144.80	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1259837	120.91	ng	0.00
78) Terphenyl-d14	13.01	244	1278709	-20.00	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.29	42	351267	116.68	ng	93
6) Aniline	6.63	93	707499	71.49	ng	# 56
10) Phenol	6.63	94	26040	3.15	ng	# 1
11) bis(2-Chloroethyl)ether	6.63	93	710387	110.85	ng	98
12) 1,3-Dichlorobenzene	7.06	146	694368	90.93	ng	97
13) 1,4-Dichlorobenzene	7.06	146	705331	88.46	ng	96
14) 1,2-Dichlorobenzene	7.06	146	725387	102.09	ng	99
15) Benzyl Alcohol	7.04	79	11363	2.14	ng	# 33
18) Hexachloroethane	7.39	117	153387	61.45	ng	# 82
19) n-Nitroso-di-n-propylamine	7.30	70	718164	160.40	ng	# 76
24) Nitrobenzene	7.47	77	558585	85.54	ng	# 69
25) Isophorone	7.70	82	643204	53.96	ng	# 88
26) 2-Nitrophenol	7.70	139	12281	3.92	ng	# 14
30) 1,2,4-Trichlorobenzene	8.11	180	500133	83.78	ng	98
31) Naphthalene	8.19	128	2238745	126.03	ng	95
32) Benzoic acid	8.11	122	2234	7.92	ng	# 25
33) 4-Chloroaniline	8.19	127	308209	40.13	ng	# 33
34) Hexachlorobutadiene	8.31	225	453129	128.35	ng	98
46) 2-Chloronaphthalene	9.37	162	575297	50.09	ng	93
48) Acenaphthylene	9.95	152	230524	12.54	ng	# 1
49) Dimethylphthalate	9.65	163	950084	72.59	ng	# 97
50) 2,6-Dinitrotoluene	9.65	165	9867	3.47	ng	# 1
51) Acenaphthene	9.95	154	433560	39.71	ng	89
56) 2,4-Dinitrotoluene	9.93	165	23097	6.38	ng	# 33
57) Fluorene	10.48	166	1109661	103.33	ng	91
59) Diethylphthalate	10.35	149	1112878	91.03	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	729314	129.11	ng	96
61) 4-Nitroaniline	10.48	138	14420	4.37	ng	# 74
62) Azobenzene	10.48	77	279142	23.39	ng	# 45
65) n-Nitrosodiphenylamine	10.48	169	83161	7.44	ng	# 19
66) 4-Bromophenyl-phenylether	10.97	248	527425	141.61	ng	# 84
70) Phenanthrene	11.44	178	296	Below	Cal	# 62
73) Di-n-butylphthalate	11.98	149	999724	58.16	ng	# 98
74) Fluoranthene	12.63	202	1354522	68.45	ng	92

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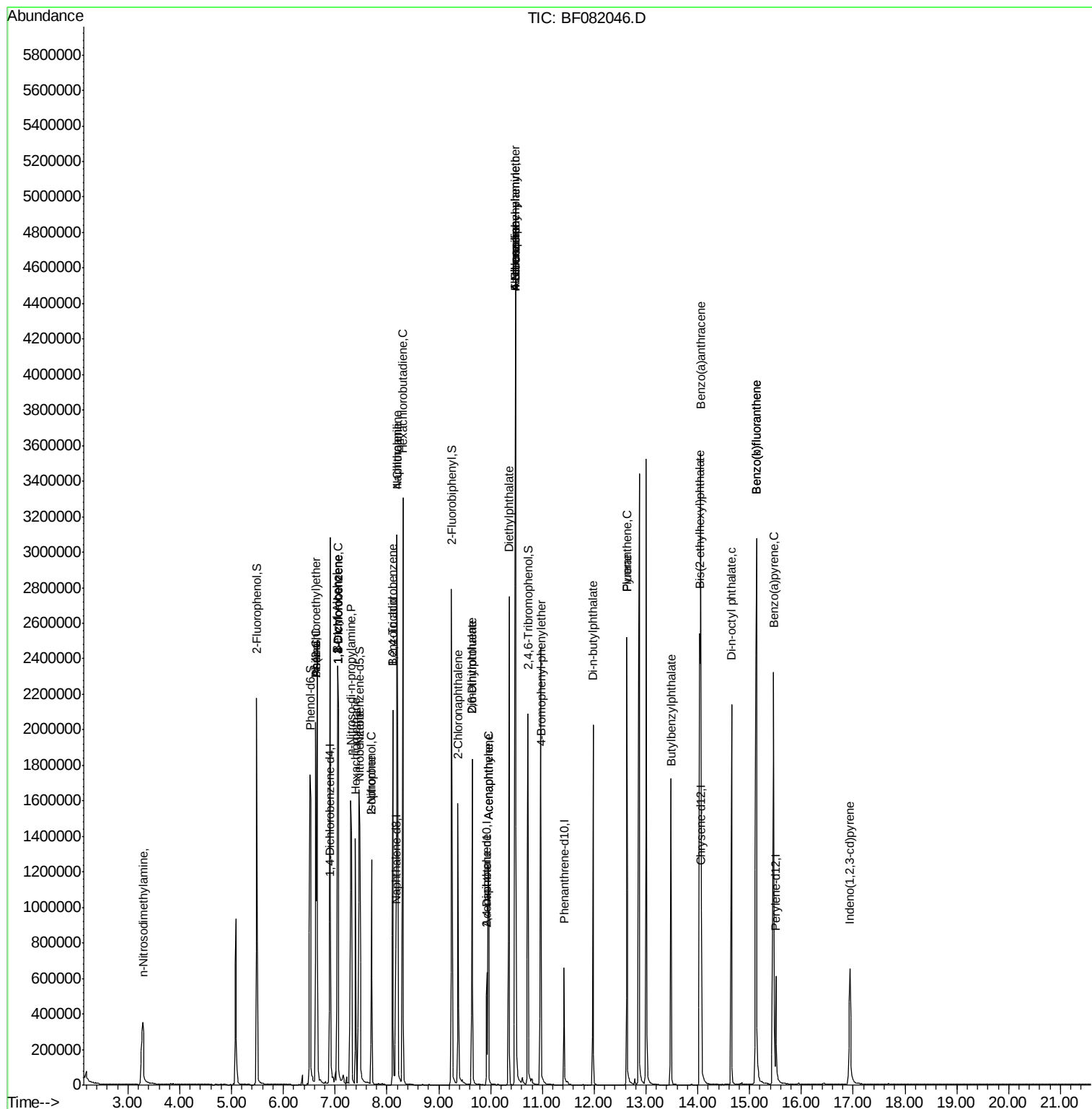
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.63	202	1354599	73.79	ng	95
79) Butylbenzylphthalate	13.49	149	650559	94.17	ng #	86
80) Benzo(a)anthracene	14.06	228	1800630	108.81	ng	93
82) Chrysene	14.06	228	1802957	Below Cal		94
83) Bis(2-ethylhexyl)phthalate	14.04	149	605328	69.85	ng #	92
84) Di-n-octyl phthalate	14.65	149	1201642	85.21	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	581897	44.95	ng #	82
87) Benzo(b)fluoranthene	15.13	252	2125175	129.65	ng #	86
88) Benzo(k)fluoranthene	15.13	252	2128400	141.68	ng #	86
89) Benzo(a)pyrene	15.46	252	1604505	112.85	ng #	85

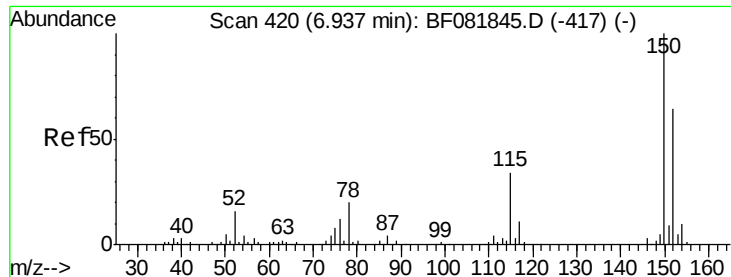
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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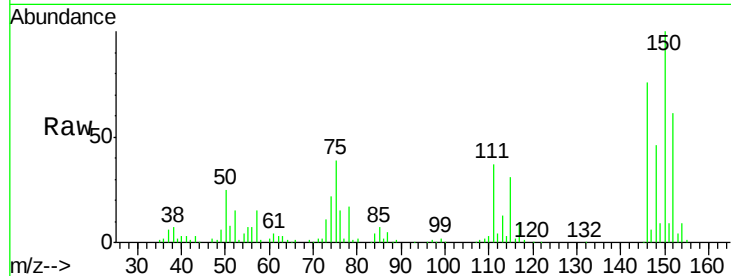


#1

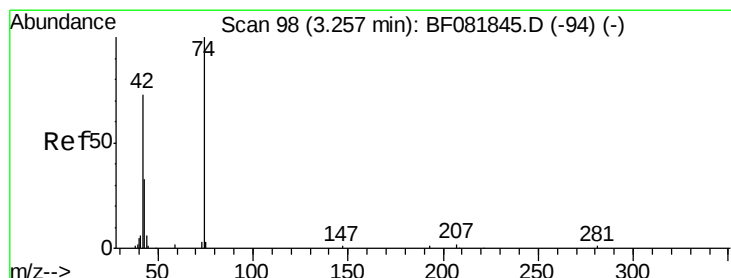
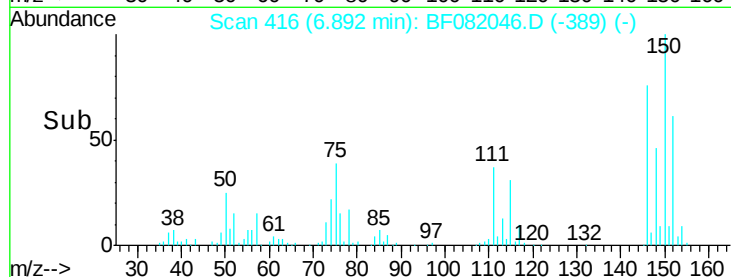
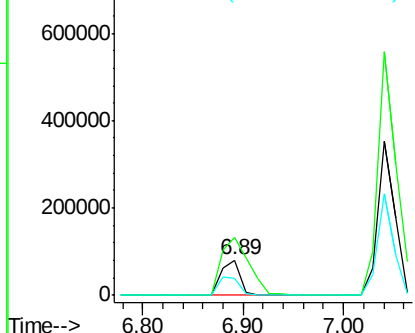
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF082046.D
Acq: 5 Oct 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 106274
Ion Ratio Lower Upper
152 100
150 164.0 124.7 187.1
115 50.1 39.0 58.4



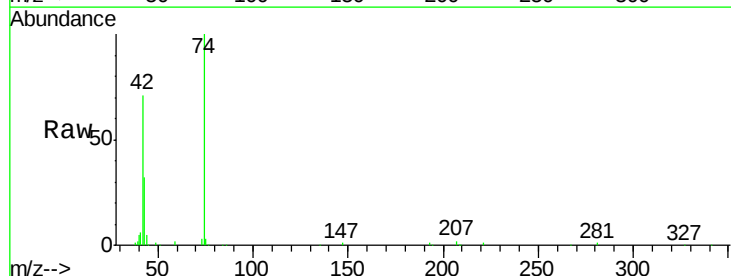
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



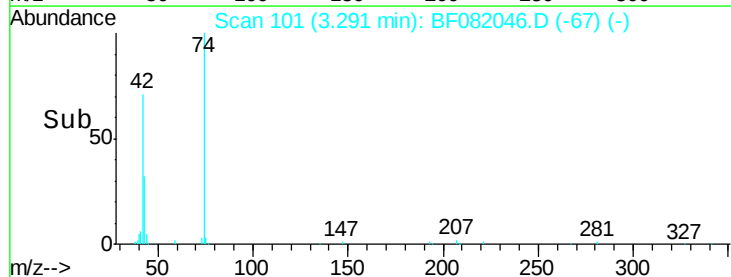
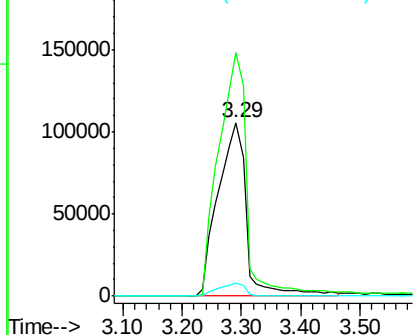
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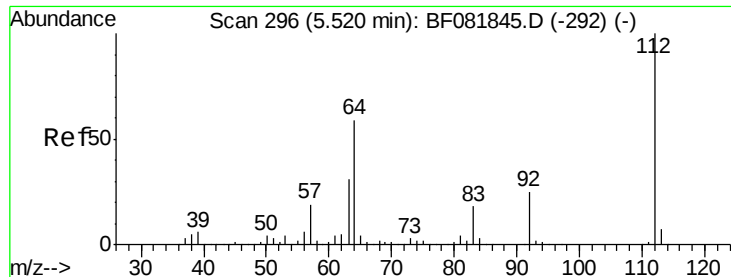
n-Nitrosodimethylamine
Concen: 116.68 ng
RT: 3.29 min Scan# 101
Delta R.T. 0.09 min
Lab File: BF082046.D
Acq: 5 Oct 2015 15:23

Tgt Ion: 42 Resp: 351267
Ion Ratio Lower Upper
42 100
74 140.3 105.0 157.6
44 7.5 6.6 10.0



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: 135.59 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

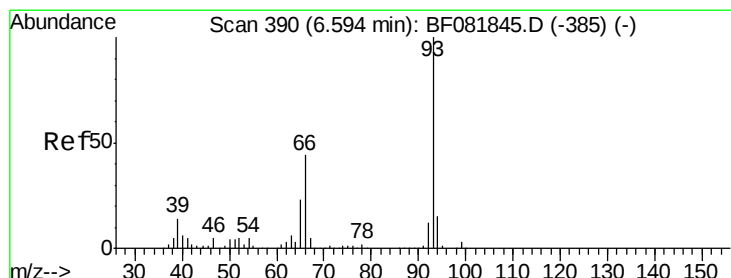
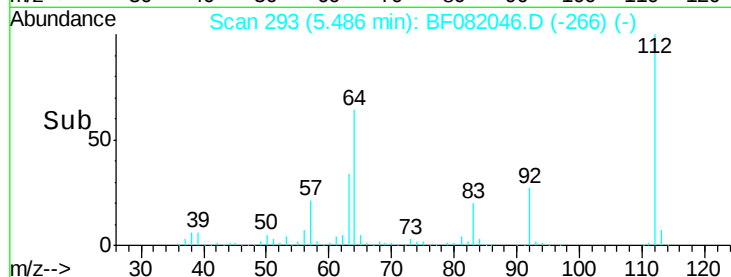
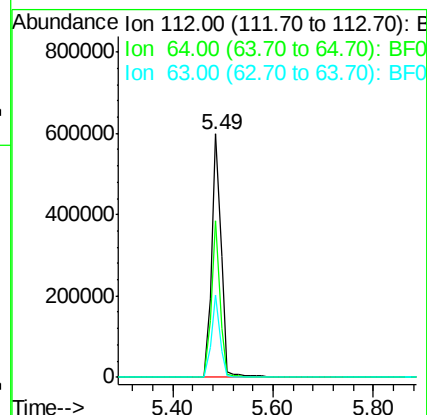
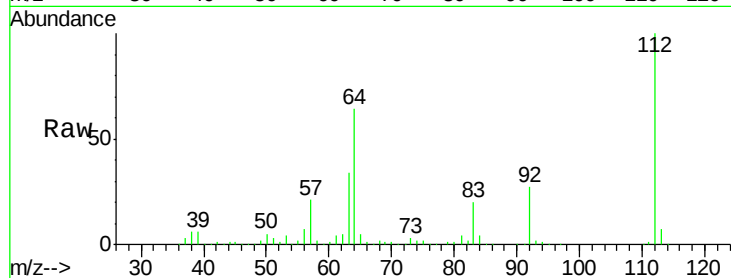
Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

Tgt Ion:	112	Resp:	793762
Ion	Ratio	Lower	Upper
112	100		
64	64.3	39.7	59.5#
63	33.8	17.4	26.0#



#6

Aniline

Concen: 71.49 ng

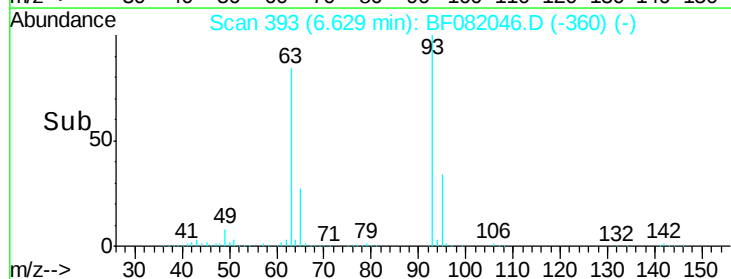
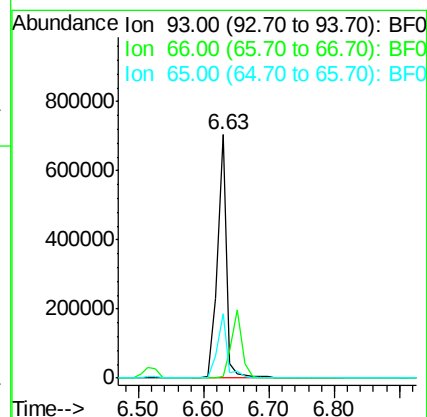
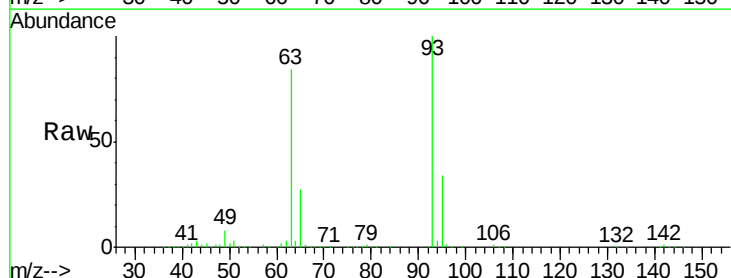
RT: 6.63 min Scan# 393

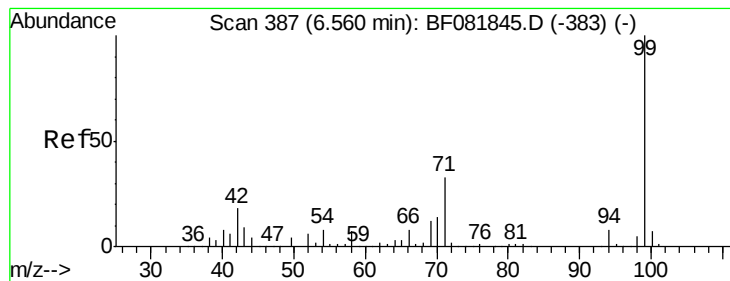
Delta R.T. 0.08 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Tgt Ion:	93	Resp:	707499
Ion	Ratio	Lower	Upper
93	100		
66	0.8	27.2	40.8#
65	26.7	14.7	22.1#





#7

Phenol-d6

Concen: 157.08 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

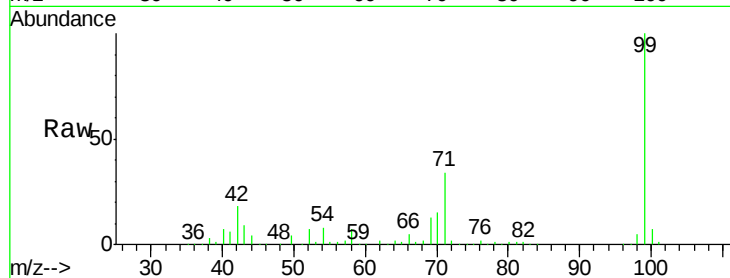
Tgt Ion: 99 Resp: 1157127

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

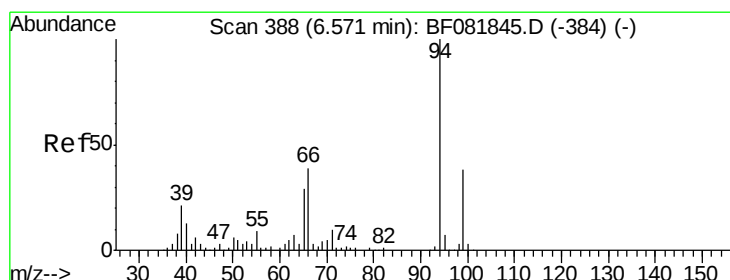
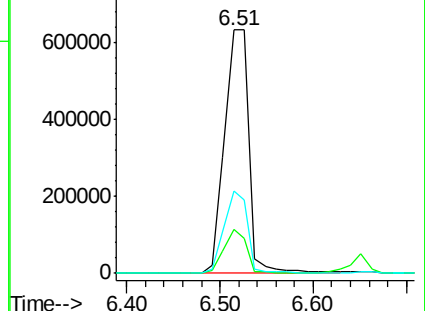
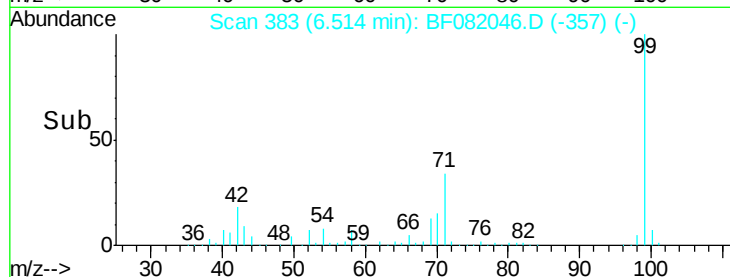
71 33.9 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.15 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.10 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

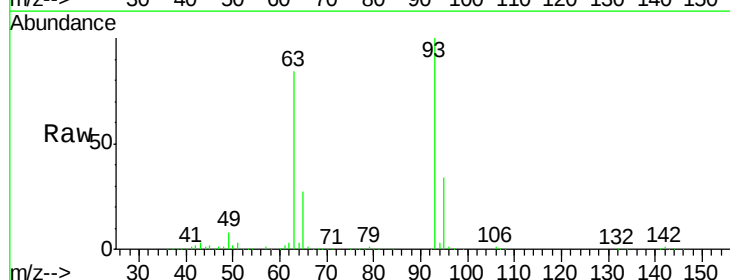
Tgt Ion: 94 Resp: 26040

Ion Ratio Lower Upper

94 100

65 766.9 0.7 40.7#

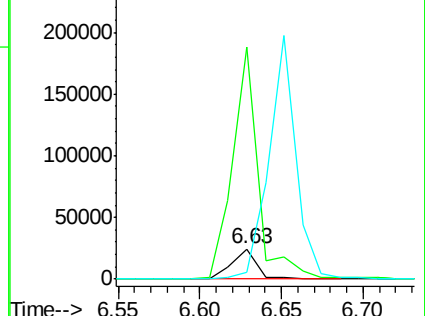
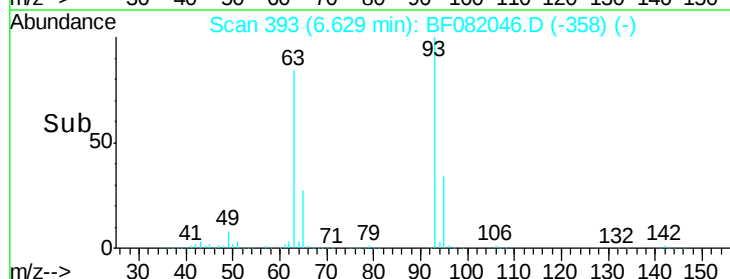
66 23.9 0.8 40.8

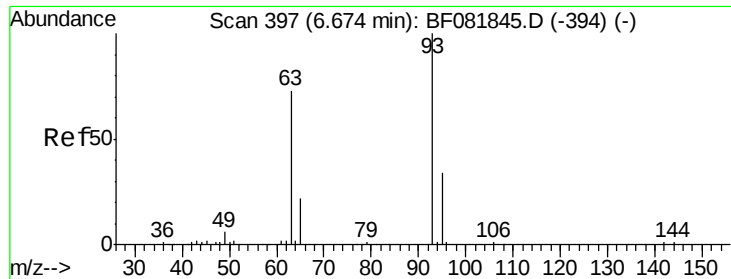


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

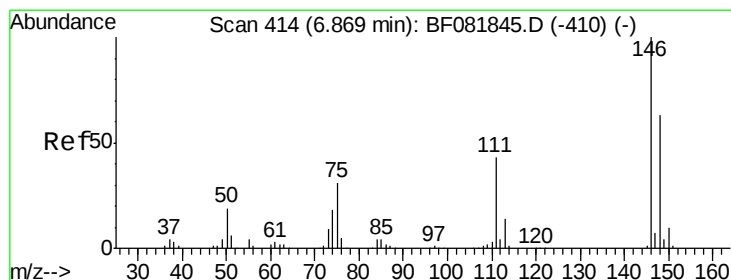
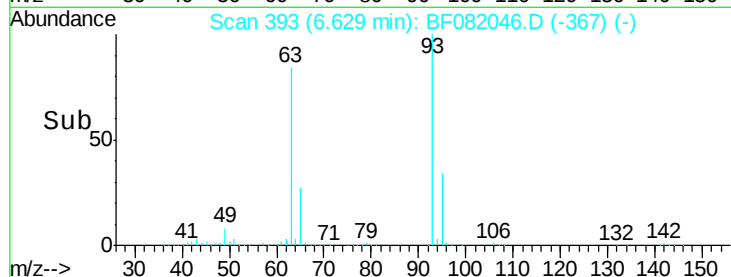
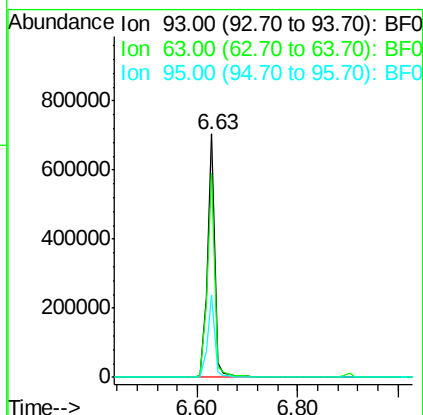
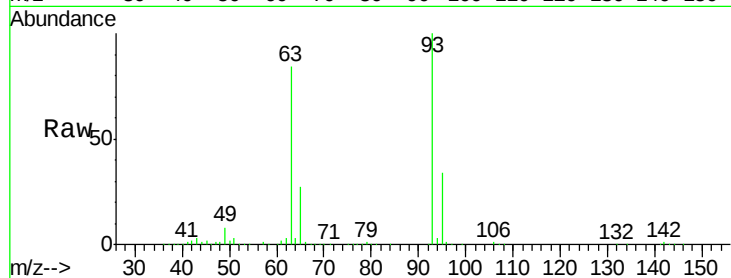




#11
bis(2-Chloroethyl)ether
Concen: 110.85 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF082046.D
Acq: 5 Oct 2015 15:23

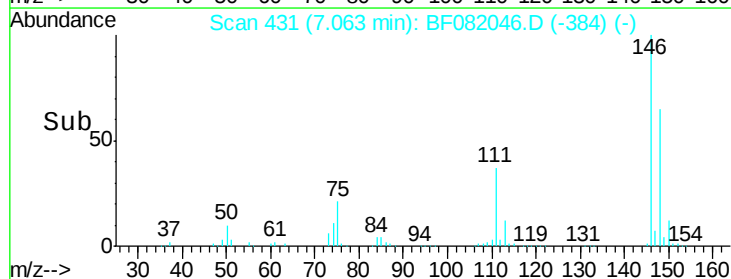
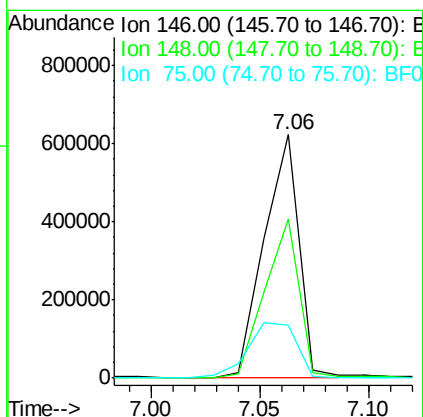
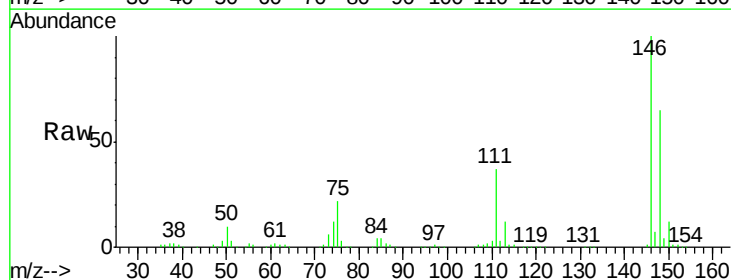
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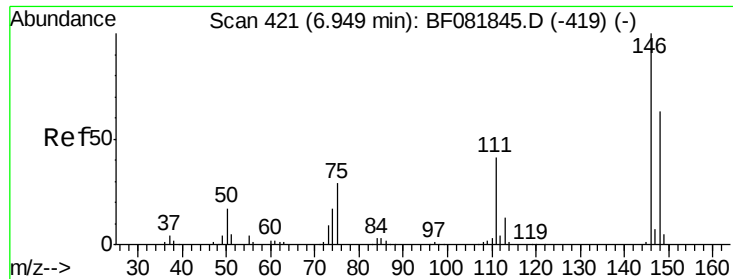
Tgt Ion: 93 Resp: 710387
Ion Ratio Lower Upper
93 100
63 83.5 65.6 105.6
95 33.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 90.93 ng
RT: 7.06 min Scan# 431
Delta R.T. 0.24 min
Lab File: BF082046.D
Acq: 5 Oct 2015 15:23

Tgt Ion: 146 Resp: 694368
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.4
75 21.5 15.0 22.6

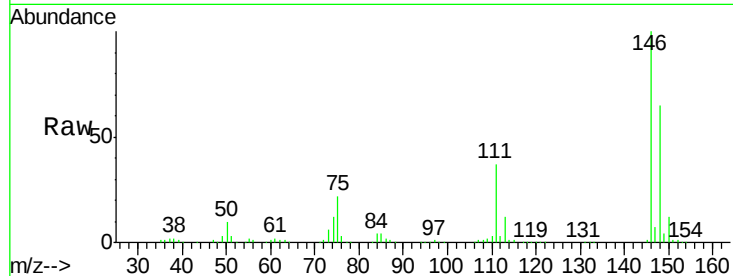




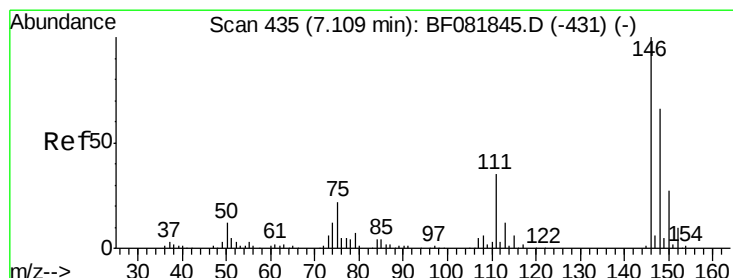
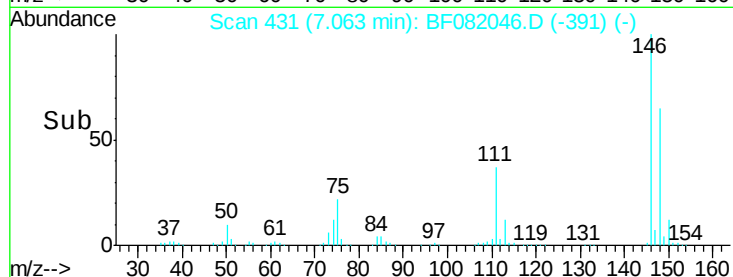
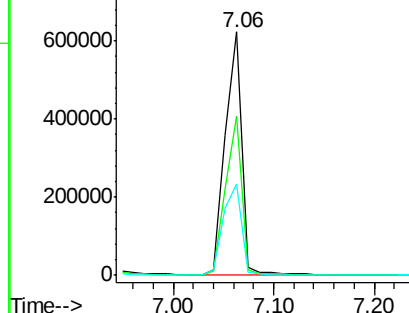
#13
 1,4-Dichlorobenzene
 Concen: 88.46 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.16 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Tgt Ion:146 Resp: 705331
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.8 77.6
 111 37.3 24.9 37.3

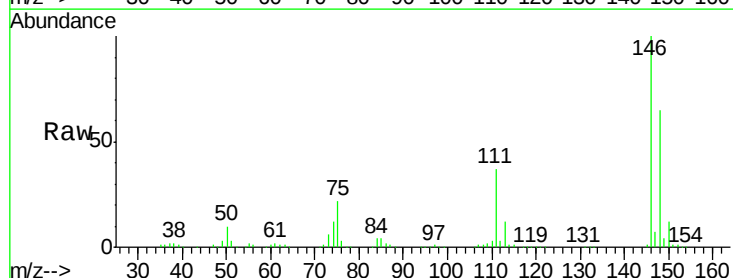


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

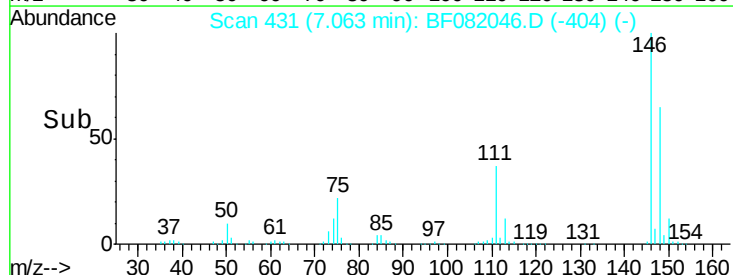
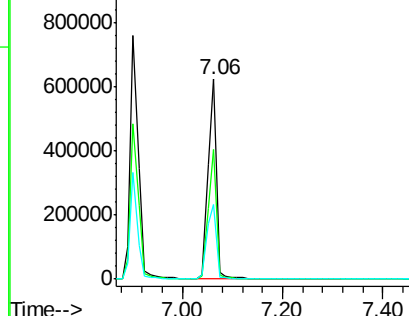


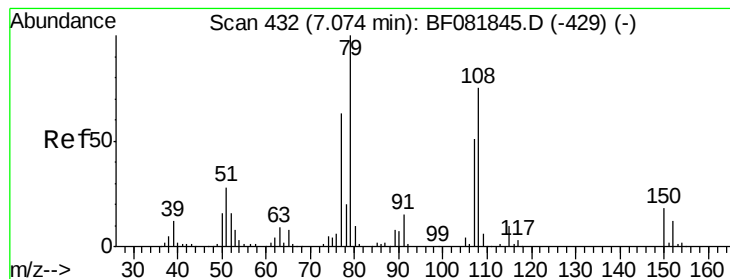
#14
 1,2-Dichlorobenzene
 Concen: 102.09 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Tgt Ion:146 Resp: 725387
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.7 79.1
 111 37.3 28.8 43.2



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





#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

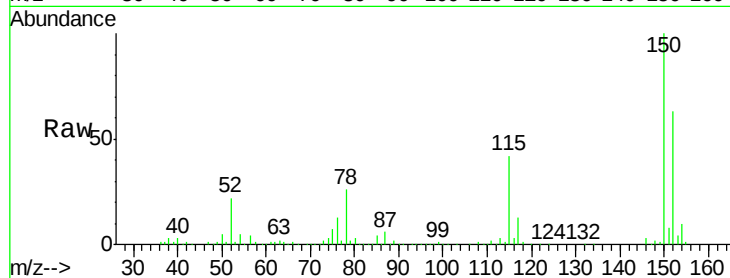
Tgt Ion: 79 Resp: 11363

Ion Ratio Lower Upper

79 100

108 30.6 88.6 132.8#

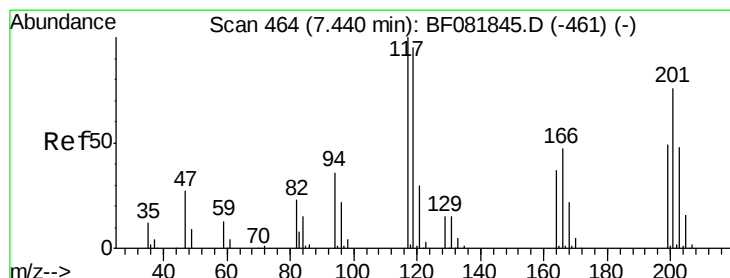
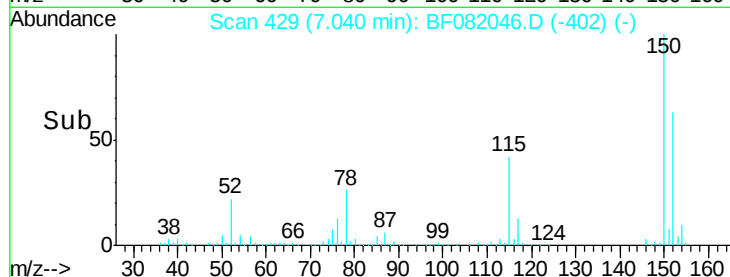
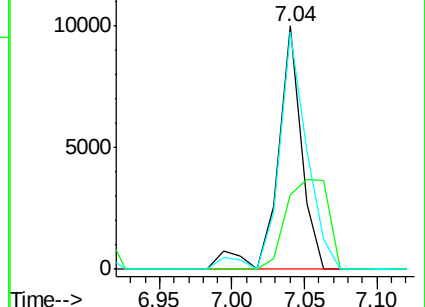
77 97.5 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 61.45 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

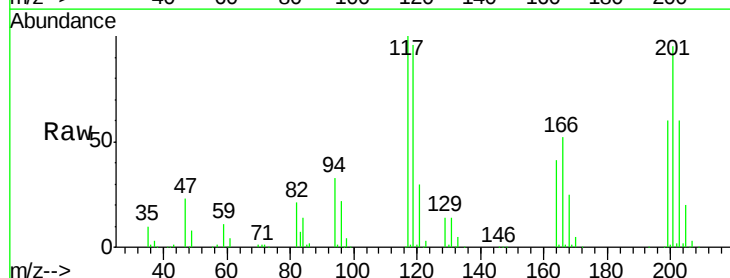
Tgt Ion: 117 Resp: 153387

Ion Ratio Lower Upper

117 100

119 96.3 83.8 125.6

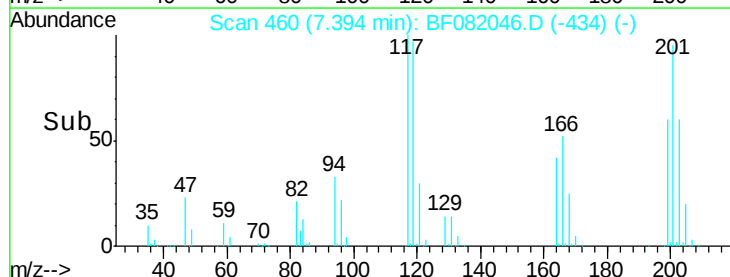
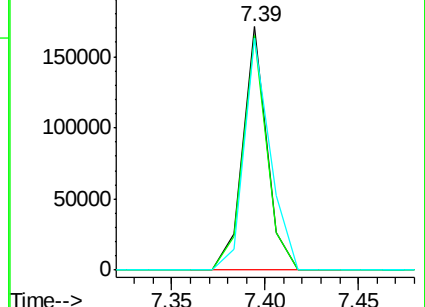
201 95.2 55.1 82.7#

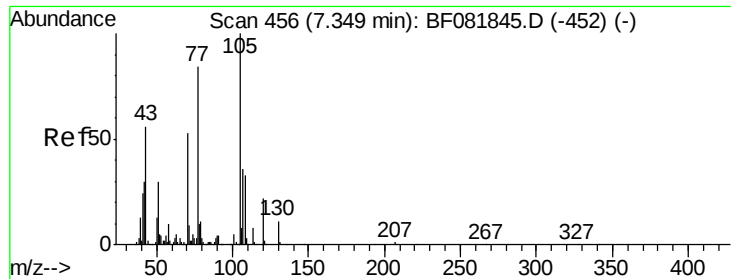


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

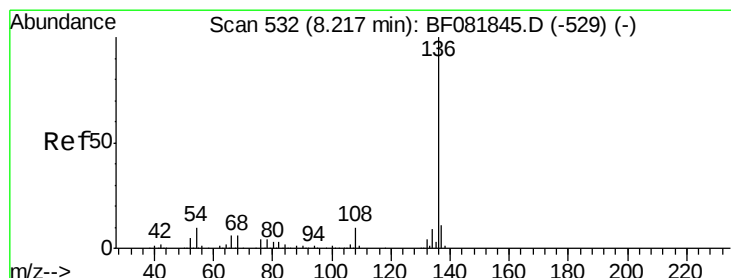
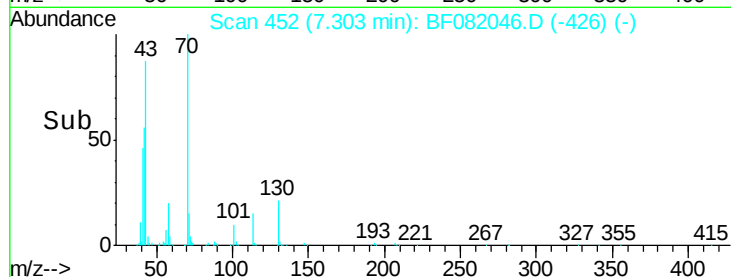
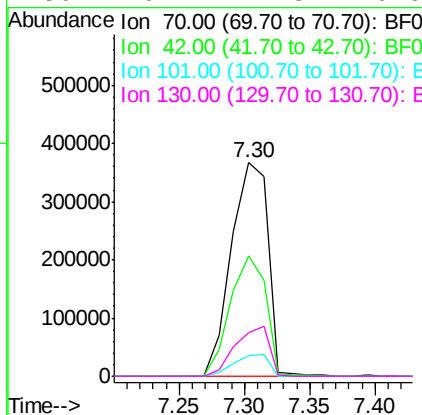
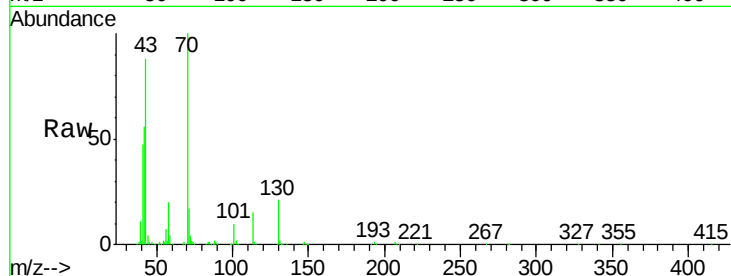




#19
n-Nitroso-di-n-propylamine
Concen: 160.40 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082046.D
Acq: 5 Oct 2015 15:23

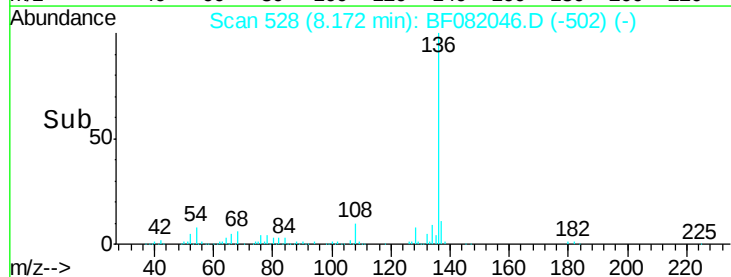
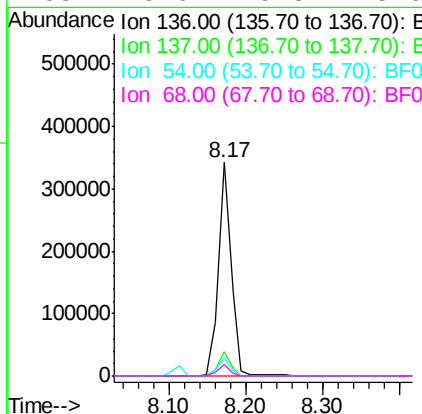
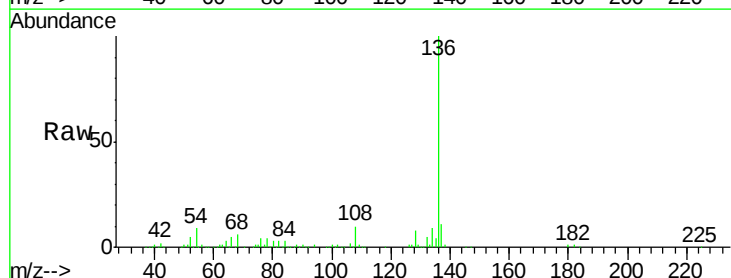
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

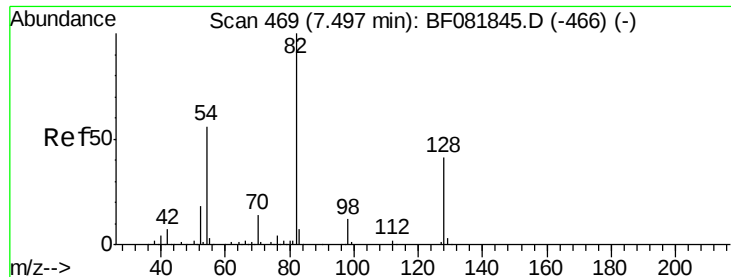
Tgt Ion: 70 Resp: 718164
Ion Ratio Lower Upper
70 100
42 56.2 63.8 95.6#
101 9.6 9.2 13.8
130 20.7 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082046.D
Acq: 5 Oct 2015 15:23

Tgt Ion: 136 Resp: 400890
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.6 8.2 12.2
68 5.6 5.8 8.6#

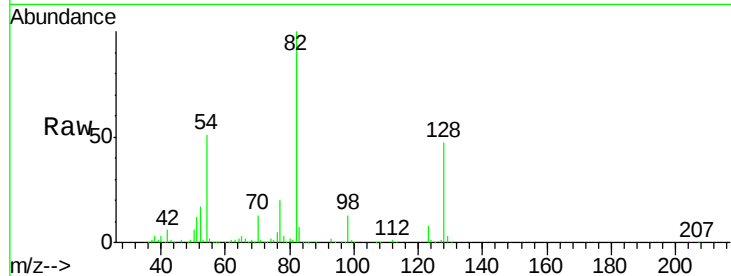




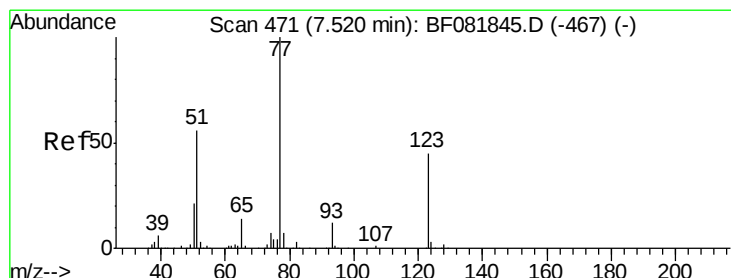
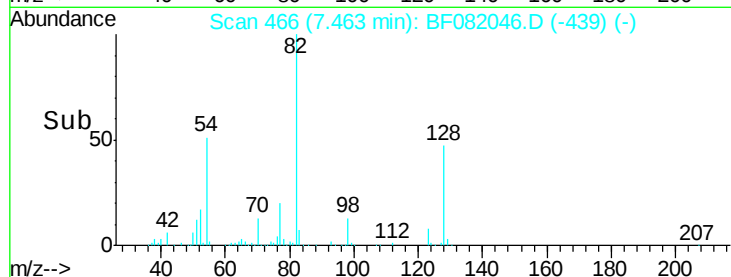
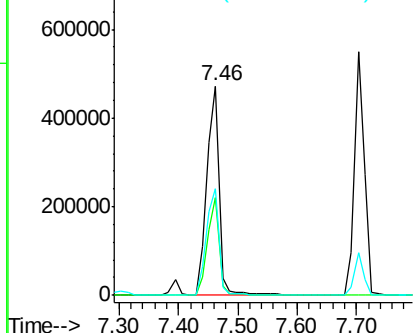
#23
 Nitrobenzene-d5
 Concen: 116.61 ng
 RT: 7.46 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Tgt Ion: 82 Resp: 701287
 Ion Ratio Lower Upper
 82 100
 128 47.0 51.0 76.6#
 54 51.2 47.5 71.3

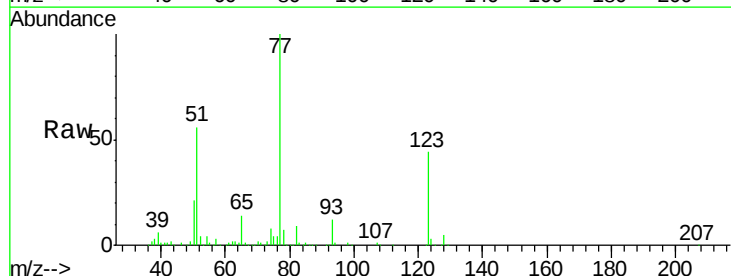


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

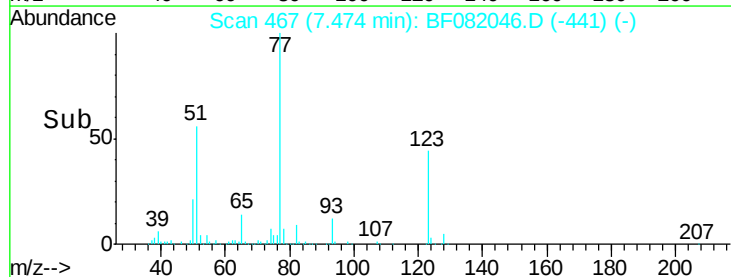
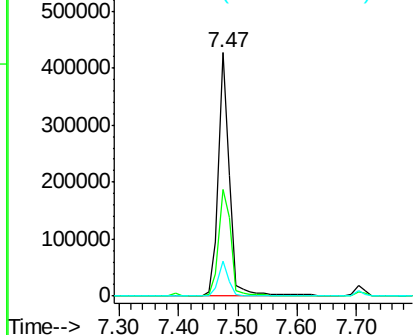


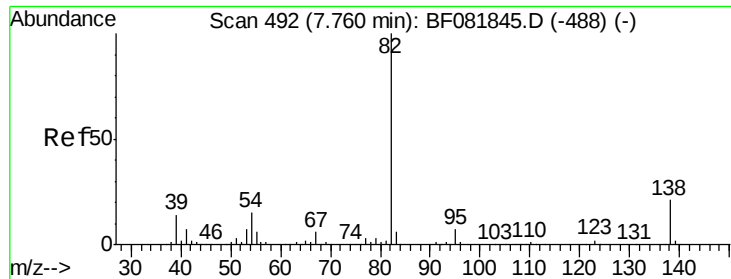
#24
 Nitrobenzene
 Concen: 85.54 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Tgt Ion: 77 Resp: 558585
 Ion Ratio Lower Upper
 77 100
 123 44.0 59.8 89.8#
 65 14.2 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 53.96 ng

RT: 7.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

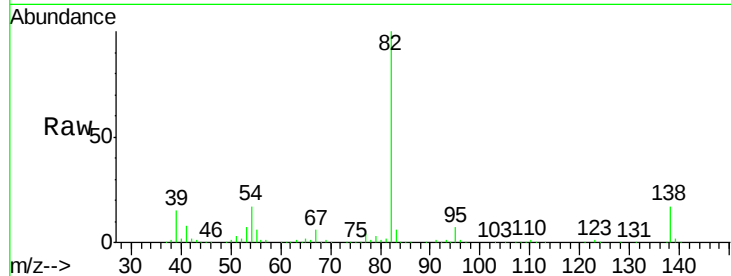
Tgt Ion: 82 Resp: 643204

Ion Ratio Lower Upper

82 100

95 7.1 4.0 6.0#

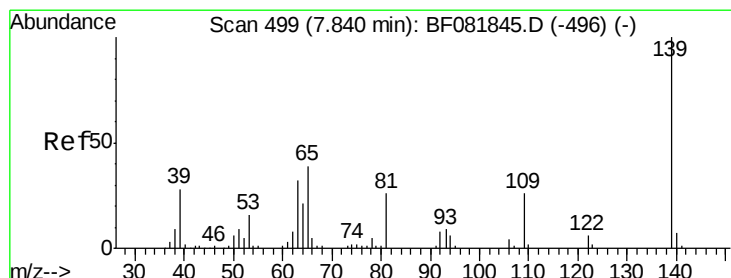
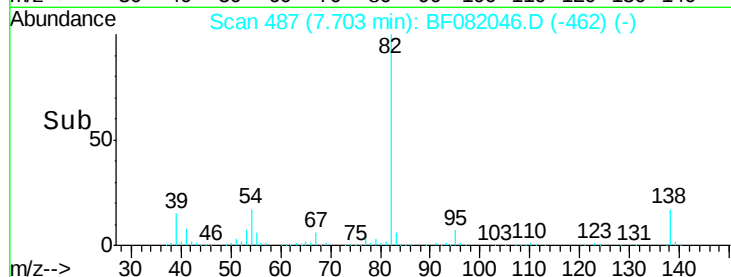
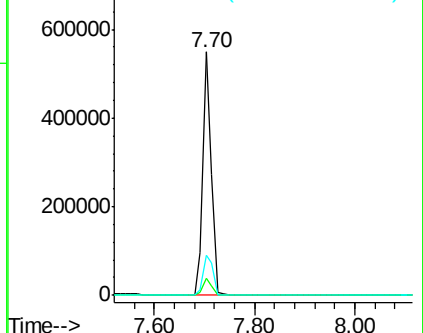
138 16.6 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 3.92 ng

RT: 7.70 min Scan# 487

Delta R.T. -0.09 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

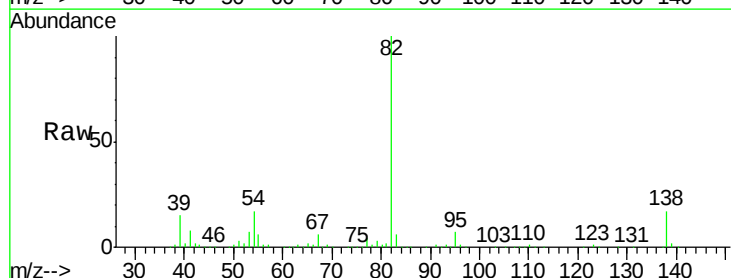
Tgt Ion: 139 Resp: 12281

Ion Ratio Lower Upper

139 100

109 15.2 11.0 16.4

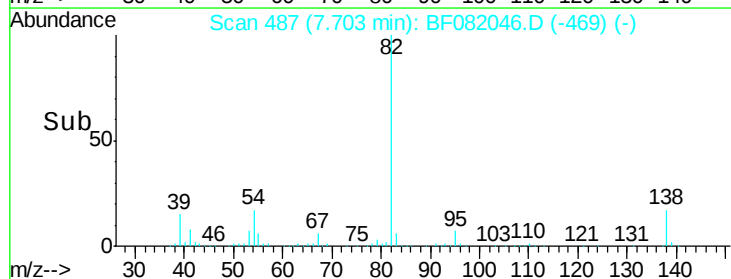
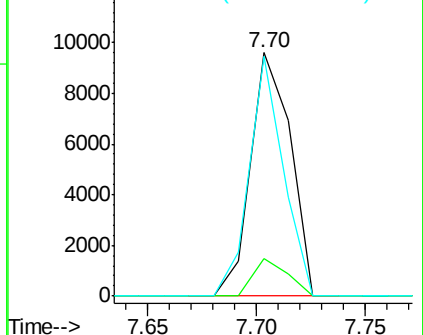
65 98.5 24.7 37.1#

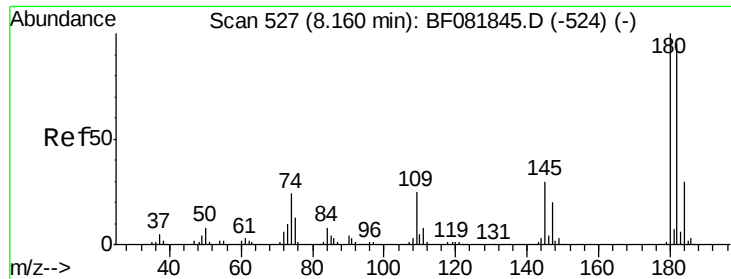


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

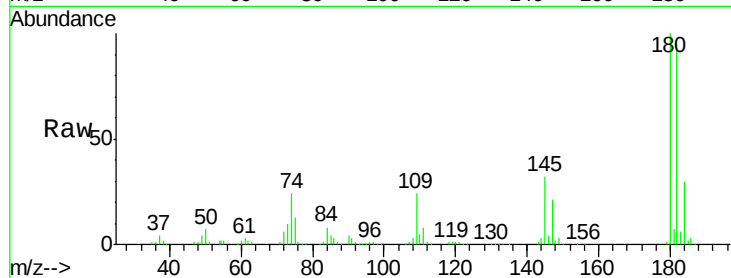




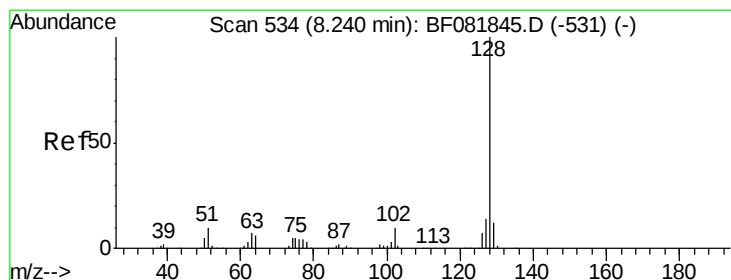
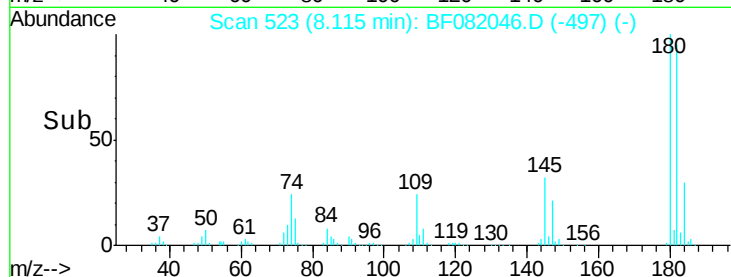
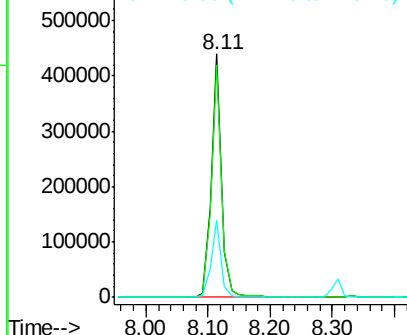
#30
 1,2,4-Trichlorobenzene
 Concen: 83.78 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Tgt Ion:180 Resp: 500133
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.1 115.7
 145 31.7 23.3 34.9

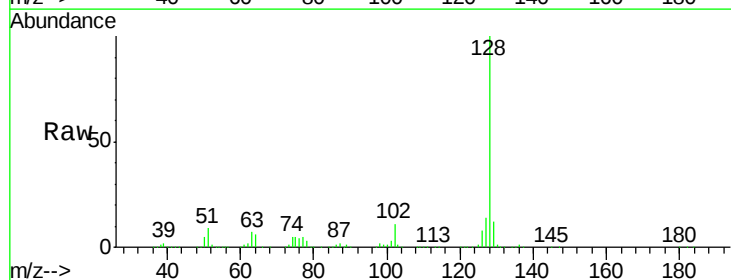


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

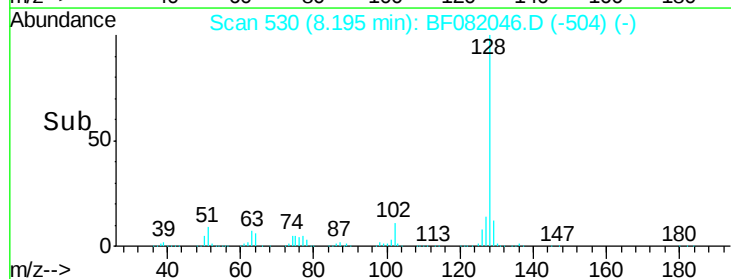
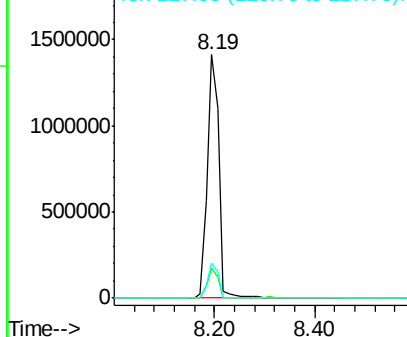


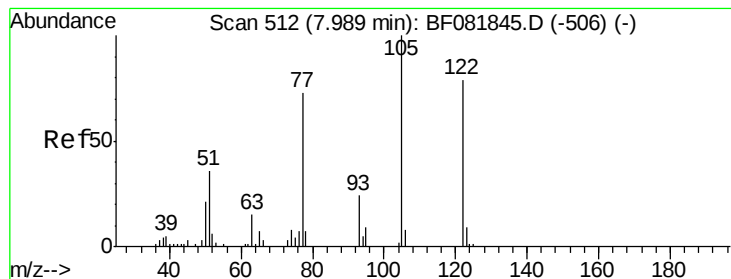
#31
 Naphthalene
 Concen: 126.03 ng
 RT: 8.19 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Tgt Ion:128 Resp: 2238745
 Ion Ratio Lower Upper
 128 100
 129 12.2 8.4 12.6
 127 14.2 9.9 14.9



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: 7.92 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.16 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

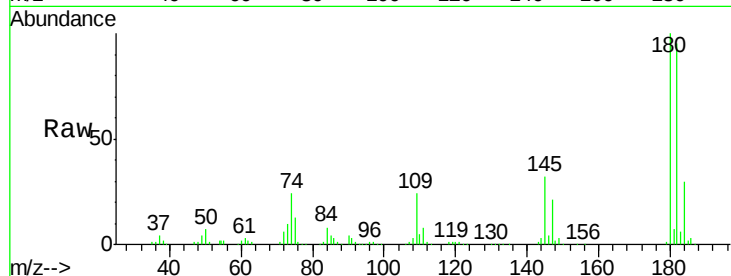
Tgt Ion:122 Resp: 2234

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

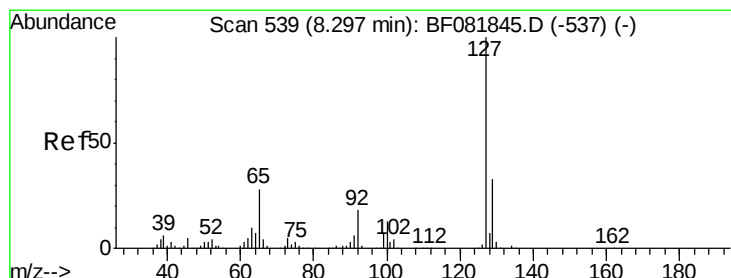
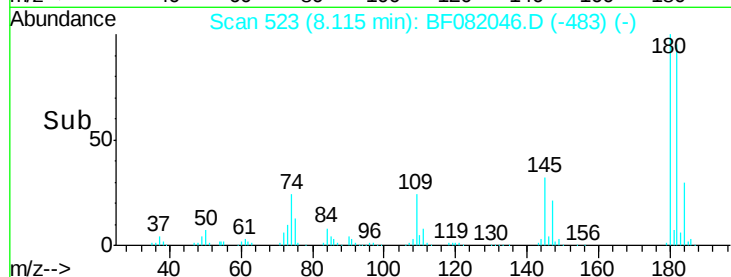
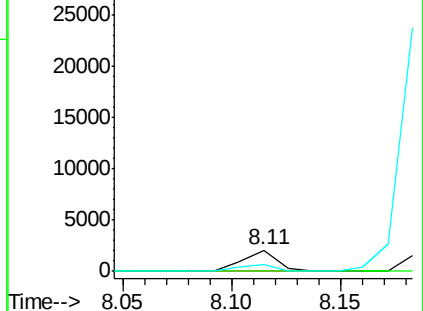
77 32.5 40.5 80.5#



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: 40.13 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Tgt Ion:127 Resp: 308209

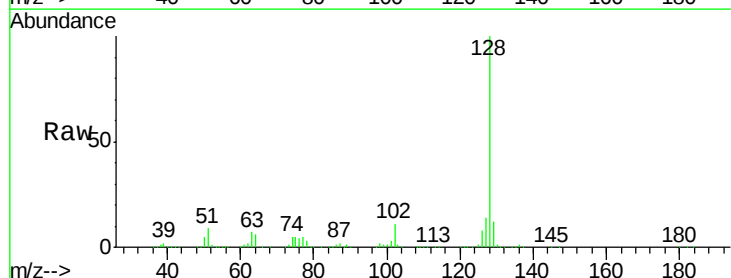
Ion Ratio Lower Upper

127 100

129 85.5 25.8 38.6#

65 0.0 17.9 26.9#

92 0.0 10.5 15.7#

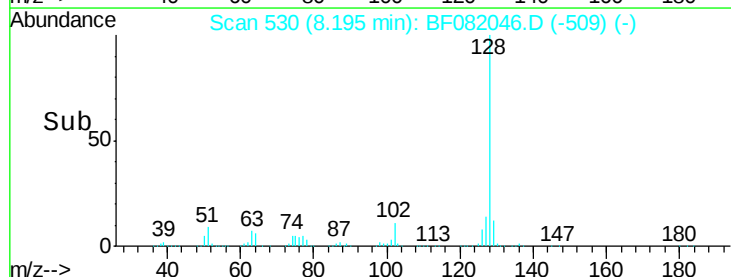
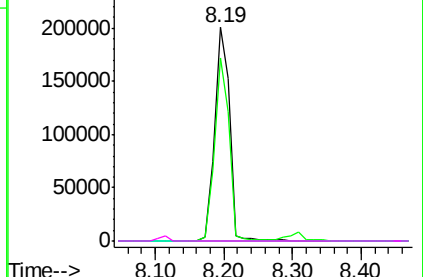


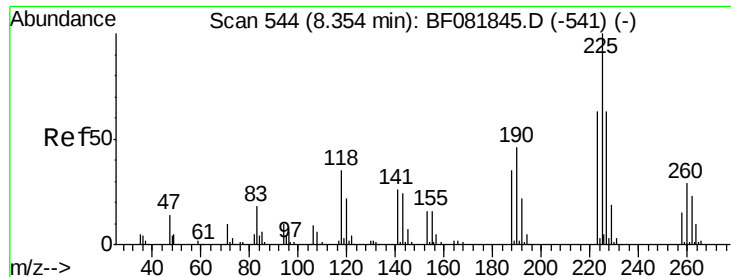
Abundance Ion 127.00 (126.70 to 127.70): E

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: 128.35 ng

RT: 8.31 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

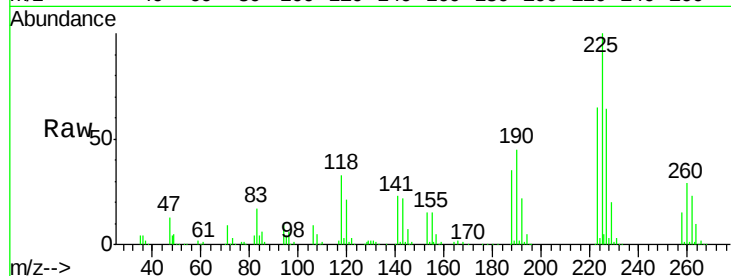
Tgt Ion:225 Resp: 453129

Ion Ratio Lower Upper

225 100

223 65.3 50.2 75.2

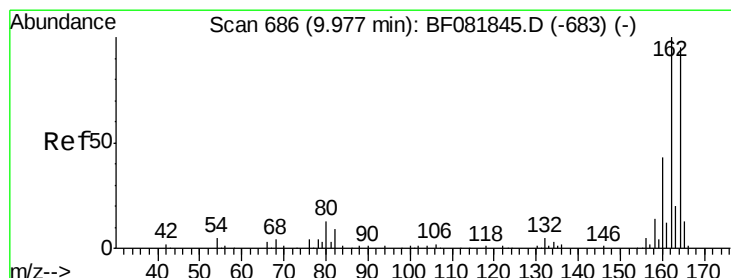
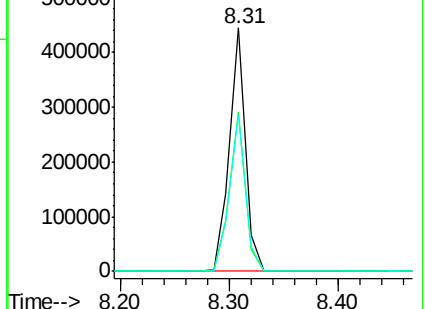
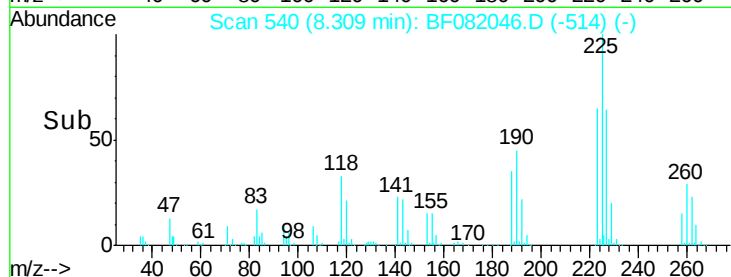
227 64.1 52.2 78.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

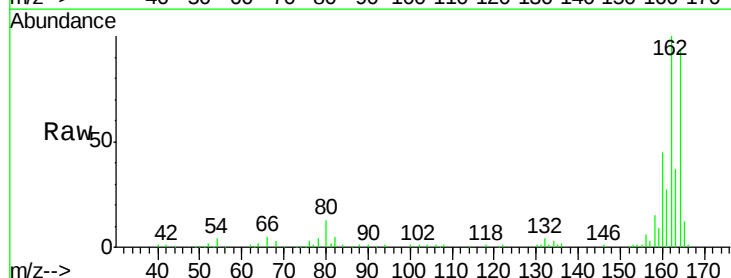
Tgt Ion:164 Resp: 189620

Ion Ratio Lower Upper

164 100

162 106.2 75.2 112.8

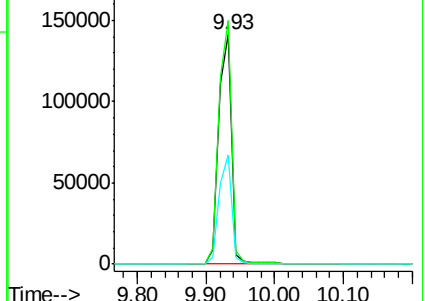
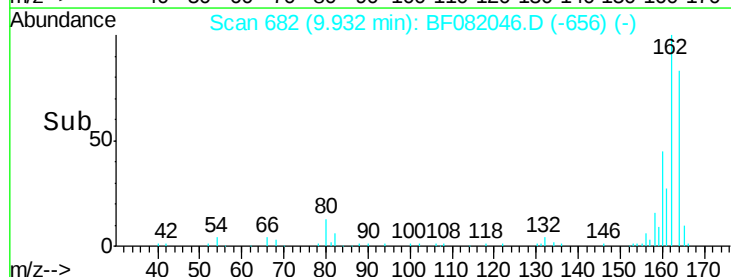
160 47.4 31.5 47.3#

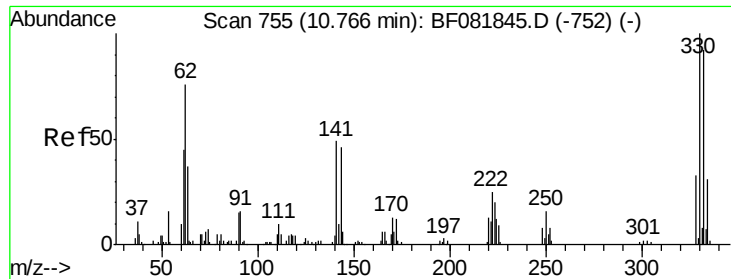


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

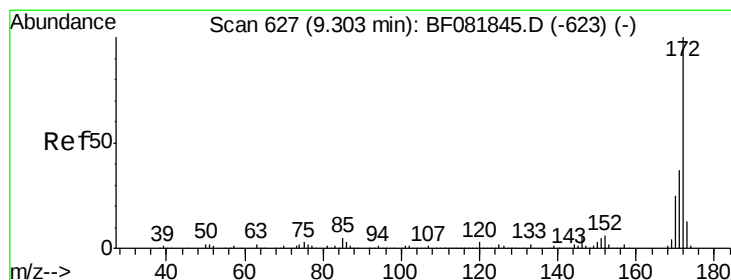
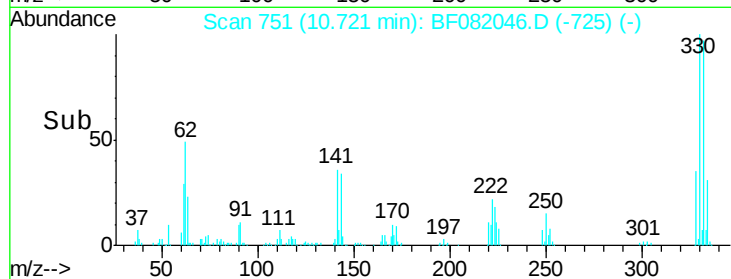
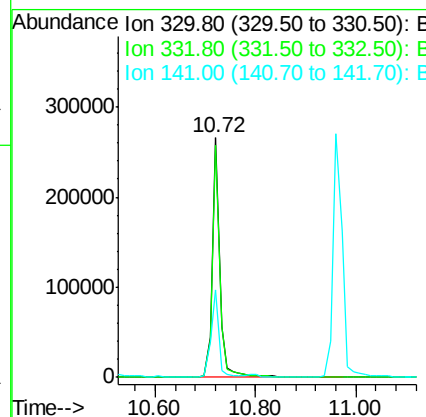
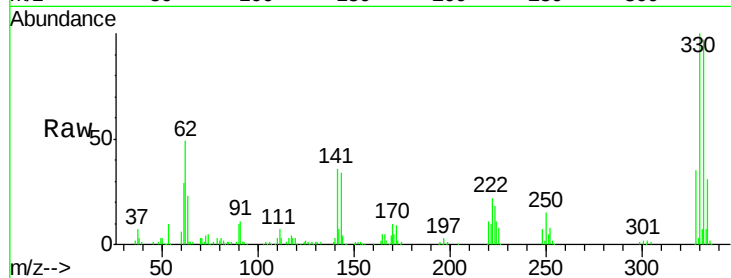




#41
 2,4,6-Tribromophenol
 Concen: 144.80 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

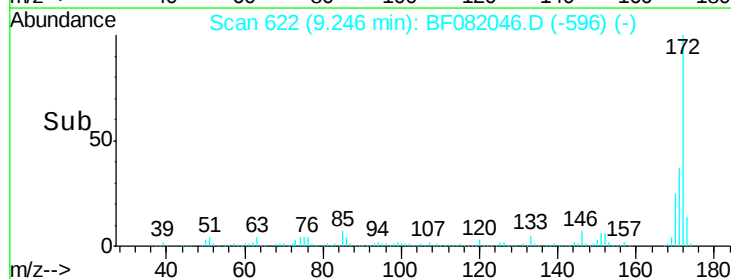
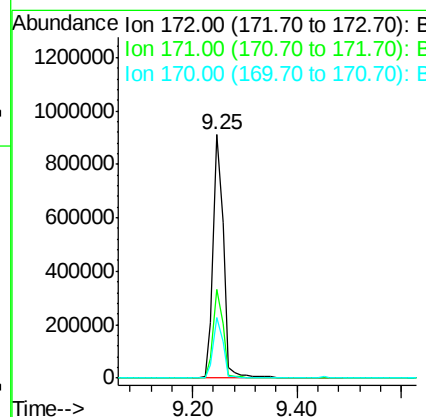
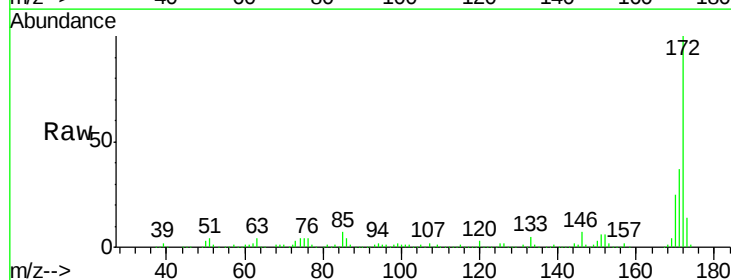
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

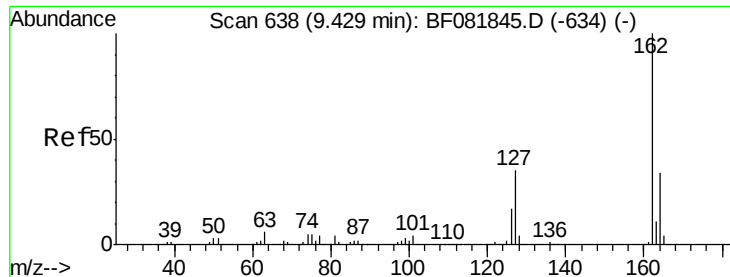
Tgt Ion:330 Resp: 278071
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 37.0 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 120.91 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Tgt Ion:172 Resp: 1259837
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.7 17.4 26.2

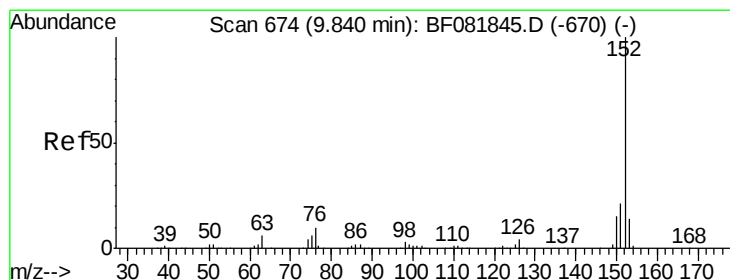
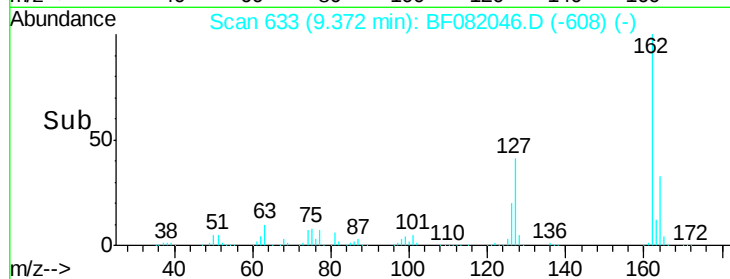
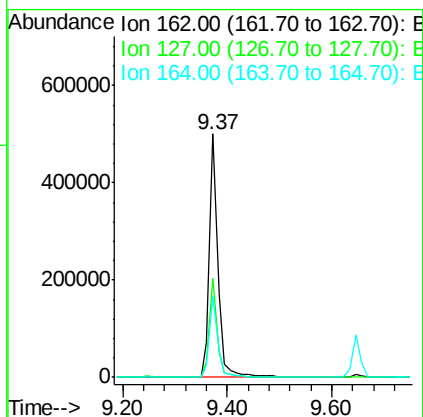
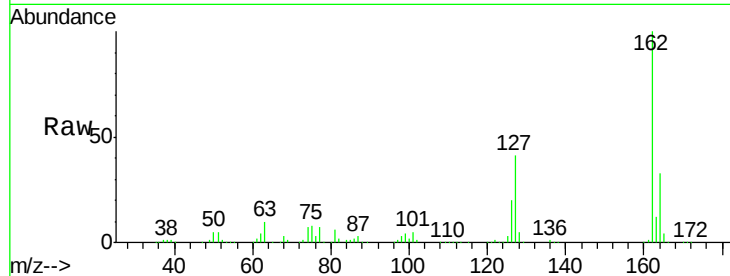




#46
2-Chloronaphthalene
Concen: 50.09 ng
RT: 9.37 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF082046.D
Acq: 5 Oct 2015 15:23

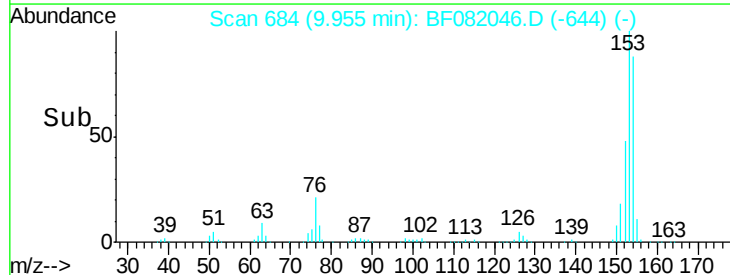
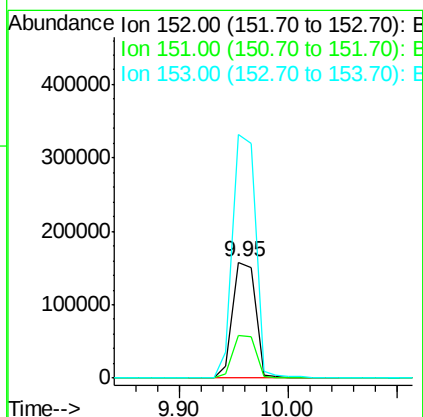
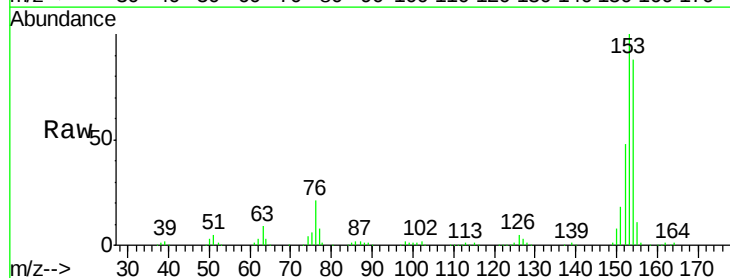
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

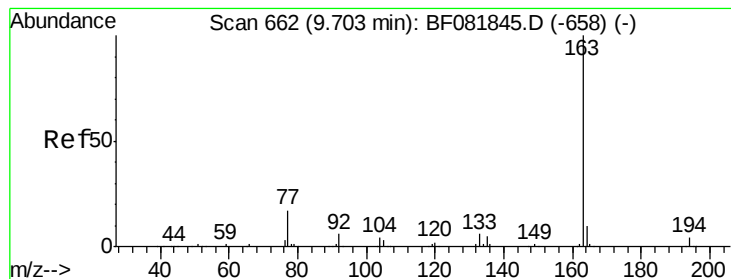
Tgt Ion:162 Resp: 575297
Ion Ratio Lower Upper
162 100
127 40.8 27.6 41.4
164 33.3 25.4 38.2



#48
Acenaphthylene
Concen: 12.54 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.16 min
Lab File: BF082046.D
Acq: 5 Oct 2015 15:23

Tgt Ion:152 Resp: 230524
Ion Ratio Lower Upper
152 100
151 36.8 14.6 22.0#
153 209.6 10.3 15.5#





#49

Dimethylphthalate

Concen: 72.59 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

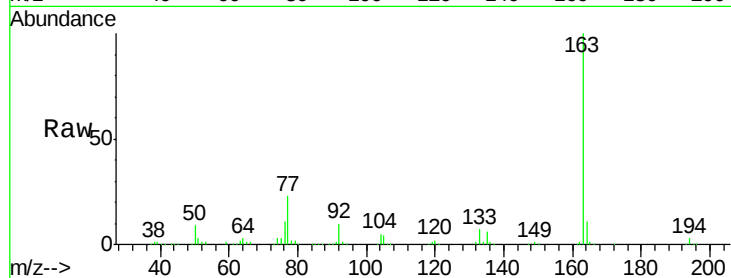
Tgt Ion:163 Resp: 950084

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

164 11.0 8.3 12.5

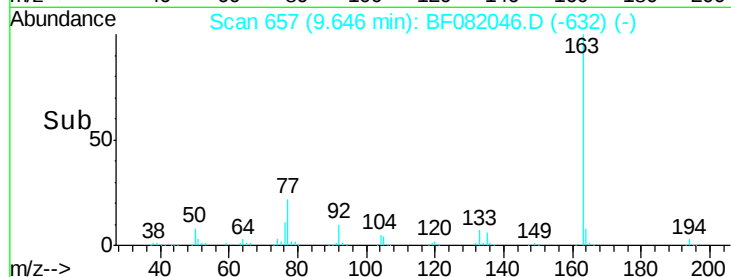


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

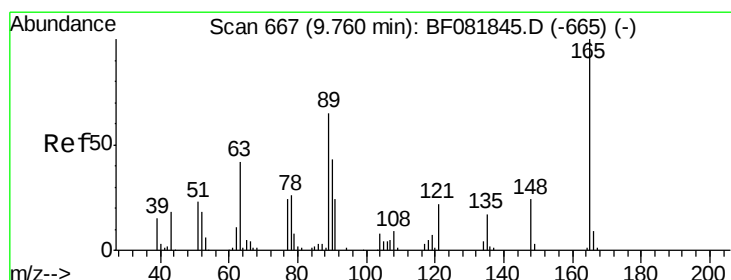
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#50

2,6-Dinitrotoluene

Concen: 3.47 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.08 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

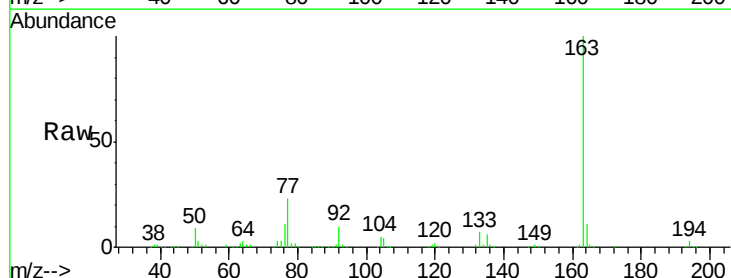
Tgt Ion:165 Resp: 9867

Ion Ratio Lower Upper

165 100

63 165.0 32.3 48.5#

89 14.2 28.6 43.0#

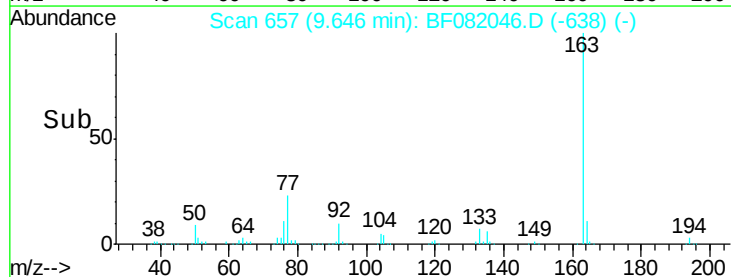


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

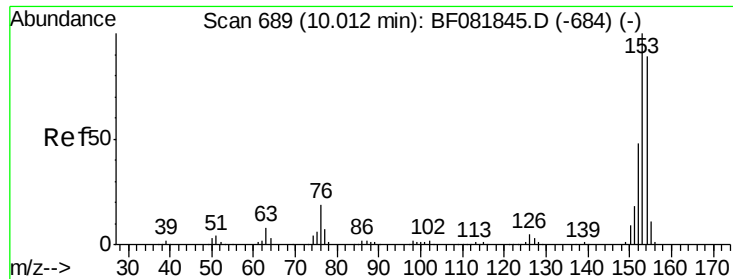
Ion 89.00 (88.70 to 89.70): BF0

Time-->



Abundance

Time-->



#51

Acenaphthene

Concen: 39.71 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

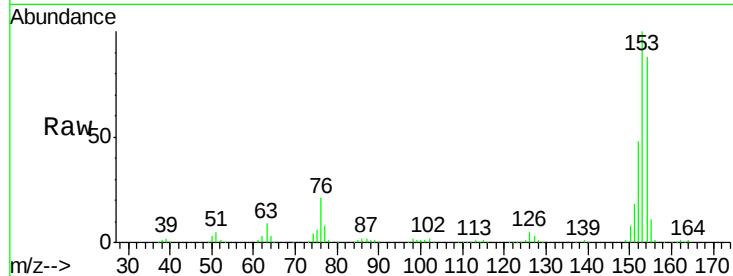
Tgt Ion:154 Resp: 433560

Ion Ratio Lower Upper

154 100

153 113.5 82.1 123.1

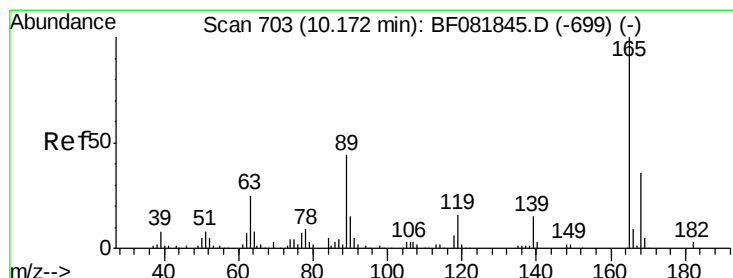
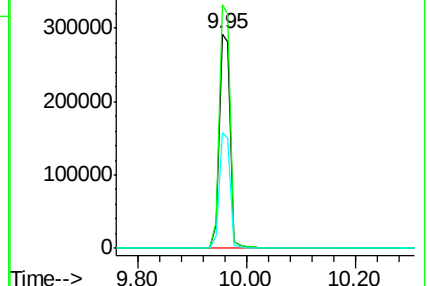
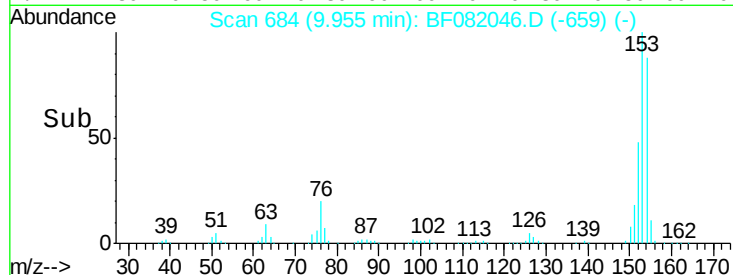
152 54.2 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.38 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Tgt Ion:165 Resp: 23097

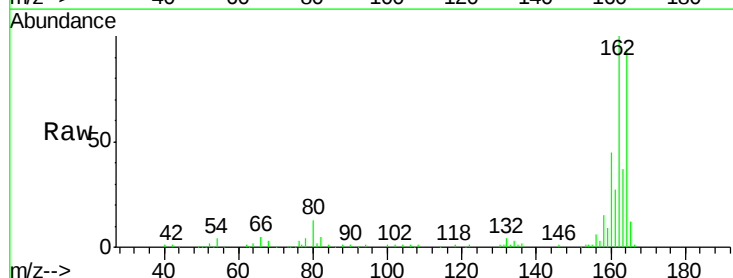
Ion Ratio Lower Upper

165 100

63 2.3 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

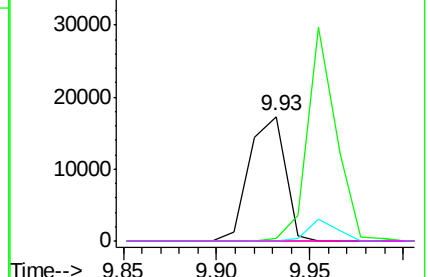
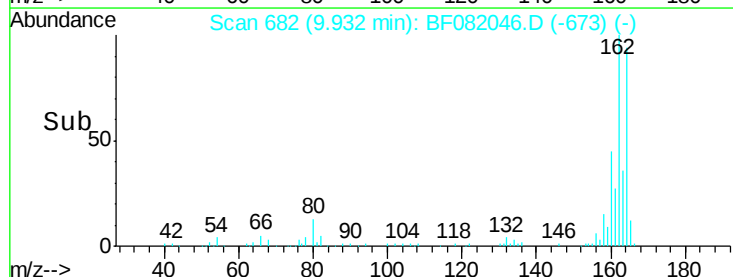


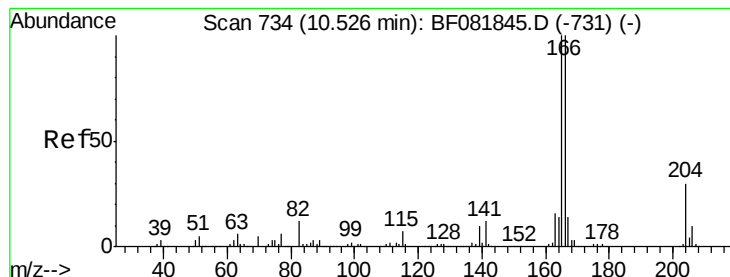
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 103.33 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

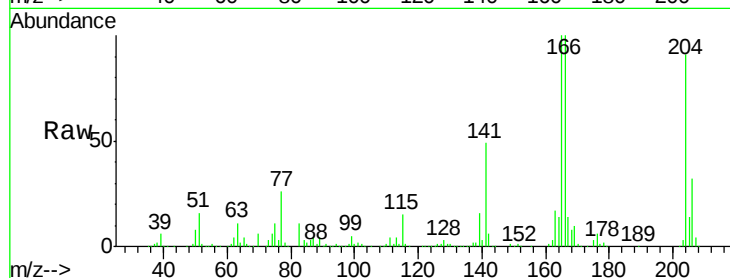
Tgt Ion:166 Resp: 1109661

Ion Ratio Lower Upper

166 100

165 99.9 72.6 109.0

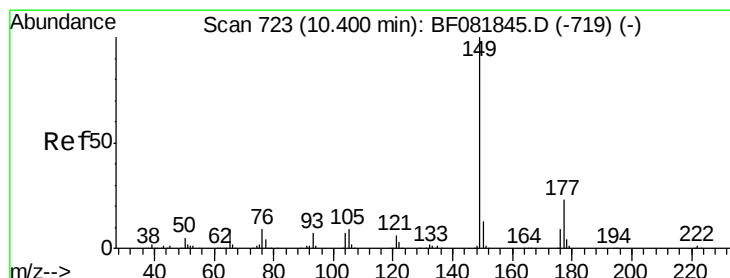
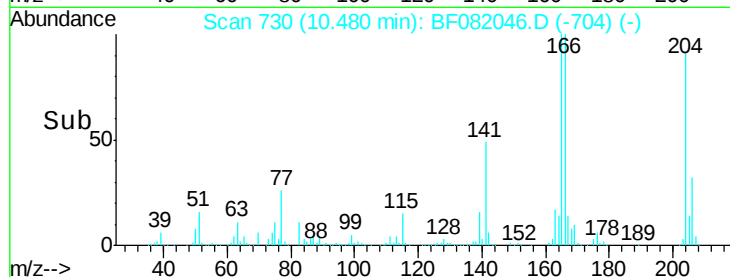
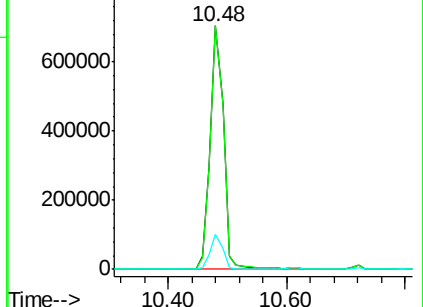
167 14.4 10.6 16.0



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: 91.03 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

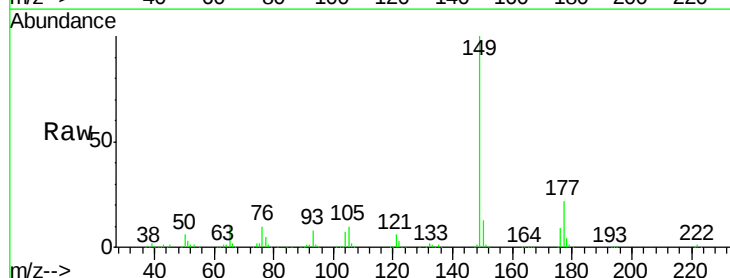
Tgt Ion:149 Resp: 1112878

Ion Ratio Lower Upper

149 100

177 22.4 17.5 26.3

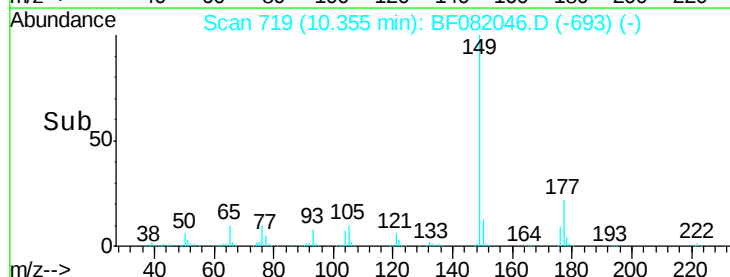
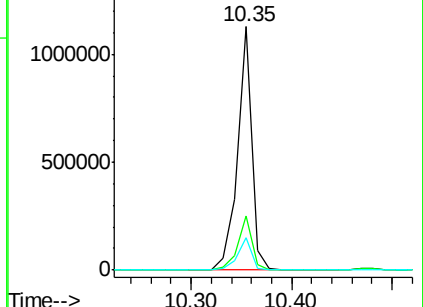
150 13.3 9.4 14.2

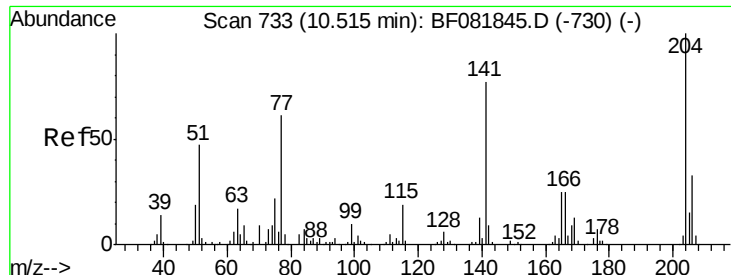


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

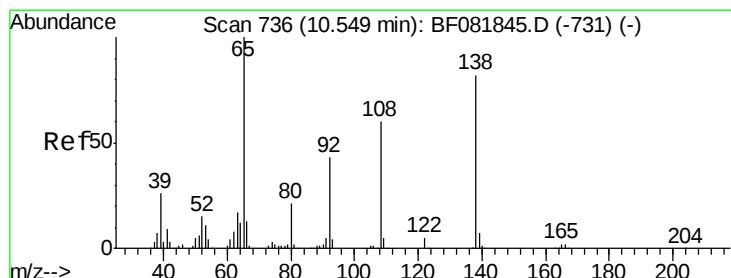
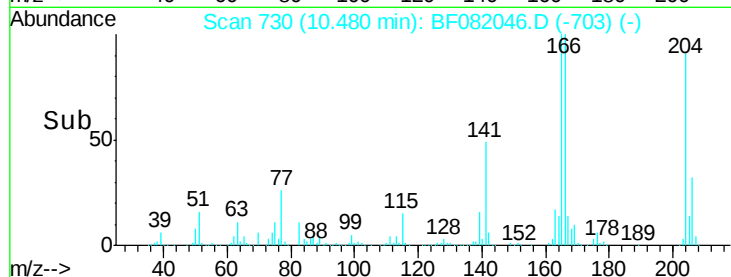
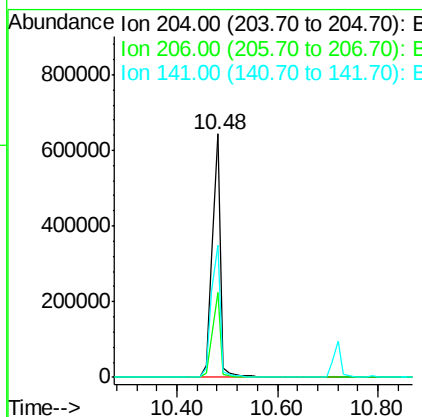
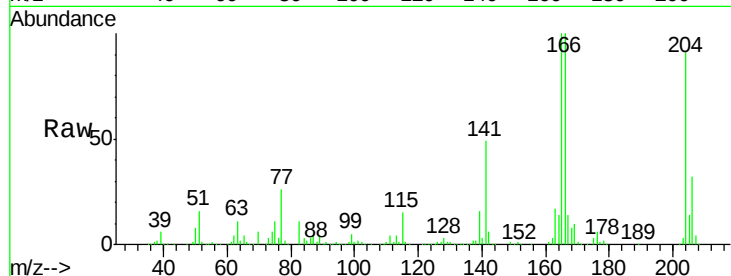




#60
 4-Chlorophenyl-phenylether
 Concen: 129.11 ng
 RT: 10.48 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

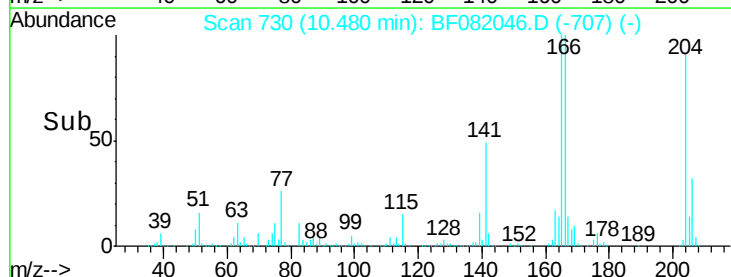
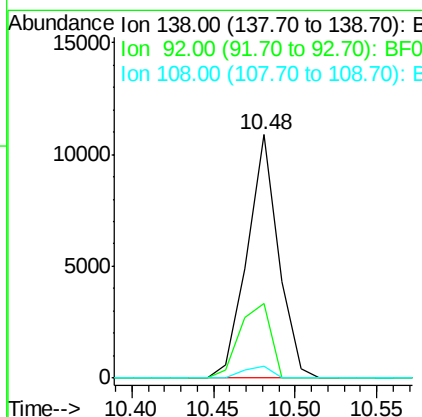
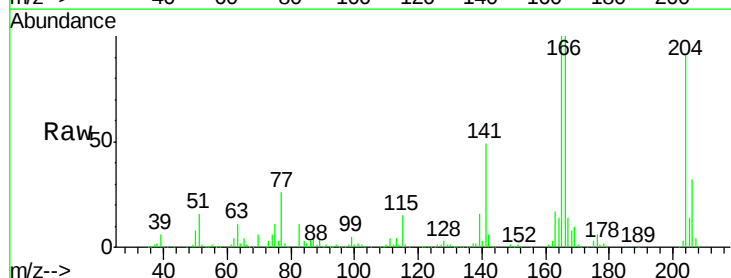
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

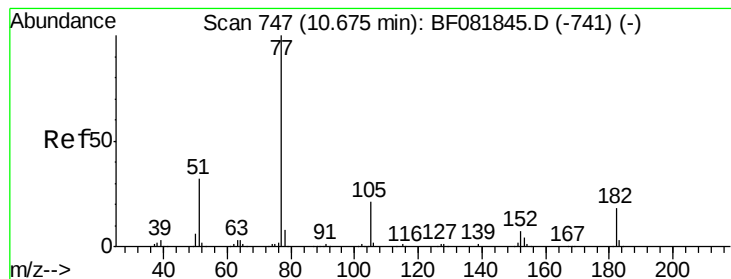
Tgt Ion: 204 Resp: 729314
 Ion Ratio Lower Upper
 204 100
 206 35.0 24.8 37.2
 141 54.1 42.2 63.4



#61
 4-Nitroaniline
 Concen: 4.37 ng
 RT: 10.48 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Tgt Ion: 138 Resp: 14420
 Ion Ratio Lower Upper
 138 100
 92 30.7 12.6 52.6
 108 4.6 12.4 52.4#





#62

Azobenzene

Concen: 23.39 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.15 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

Tgt Ion: 77 Resp: 279142

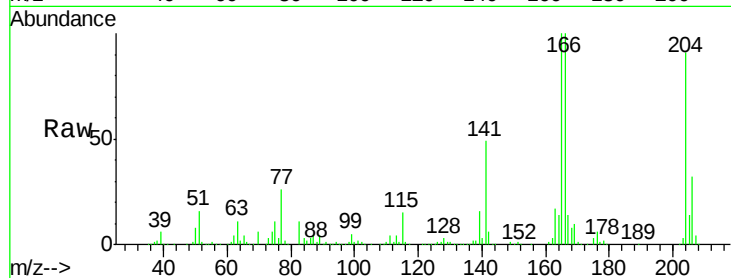
Ion Ratio Lower Upper

77 100

182 0.0 15.1 55.1#

105 0.2 3.4 43.4#

51 63.0 12.0 52.0#

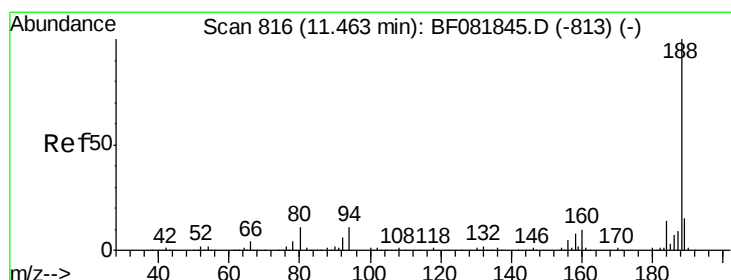
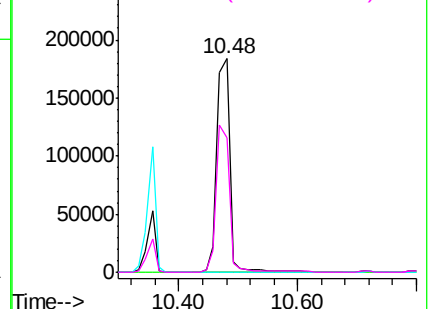
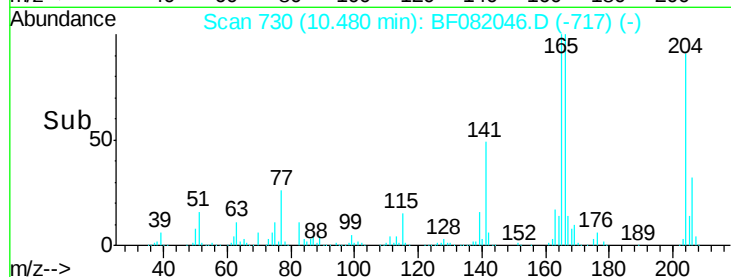


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

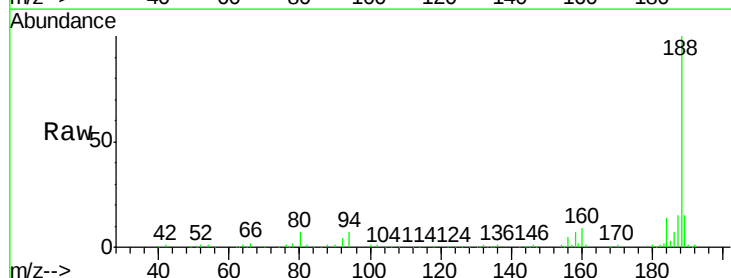
Tgt Ion: 188 Resp: 369389

Ion Ratio Lower Upper

188 100

94 6.5 11.1 16.7#

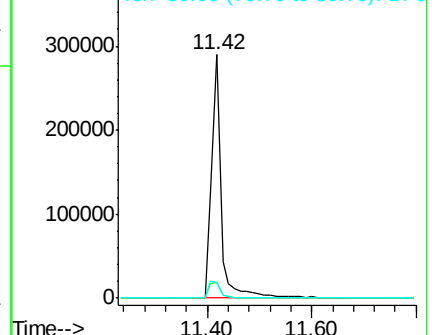
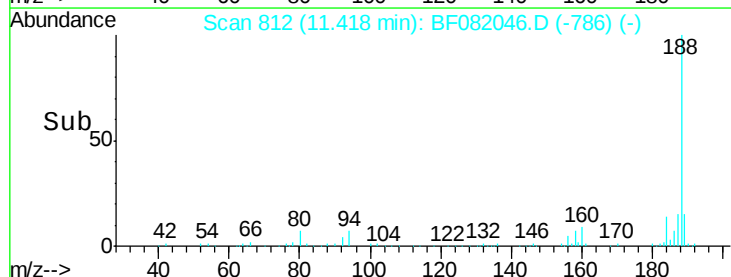
80 6.7 11.0 16.4#

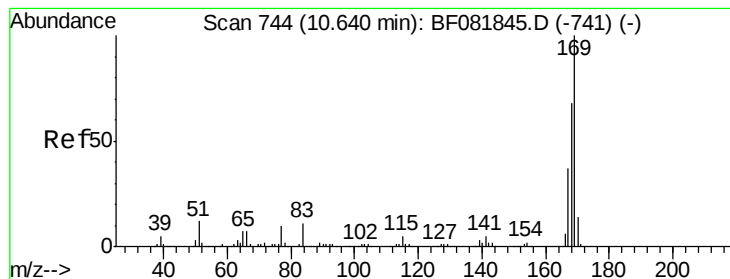


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 7.44 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.11 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

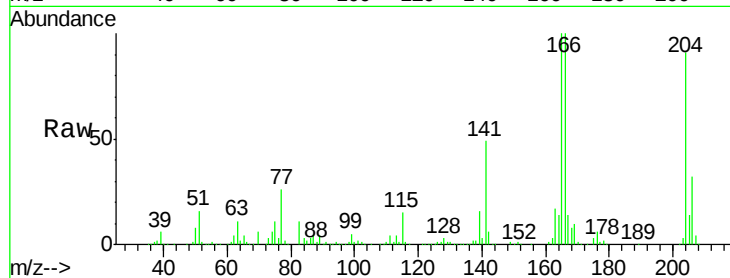
Tgt Ion:169 Resp: 83161

Ion Ratio Lower Upper

169 100

168 76.9 48.9 73.3#

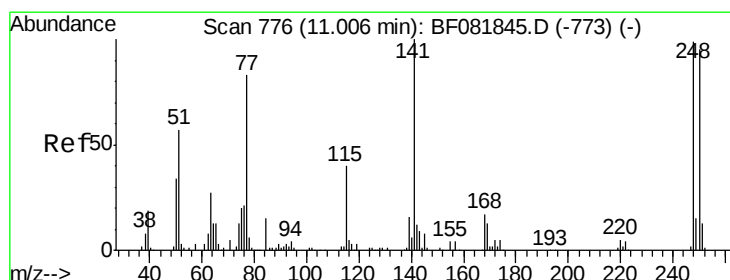
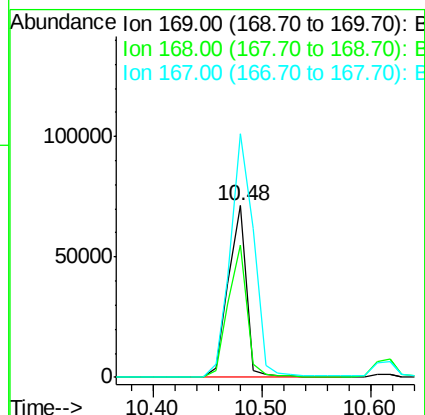
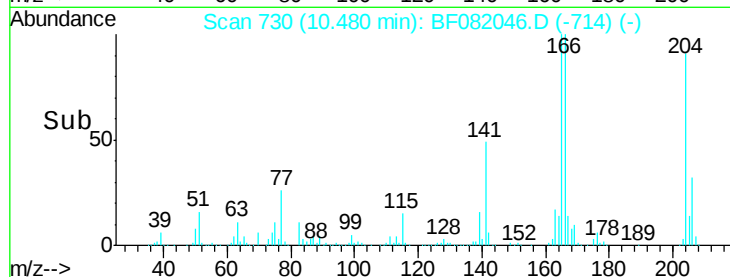
167 141.9 26.2 39.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 141.61 ng

RT: 10.97 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

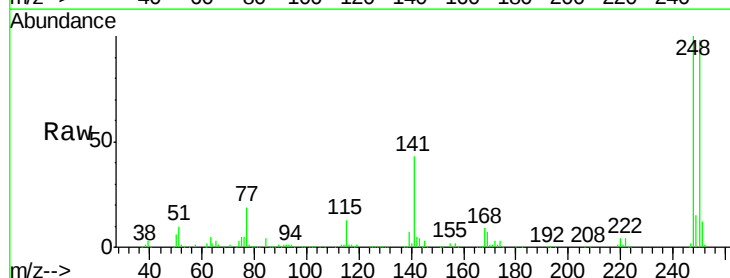
Tgt Ion:248 Resp: 527425

Ion Ratio Lower Upper

248 100

250 98.1 78.5 117.7

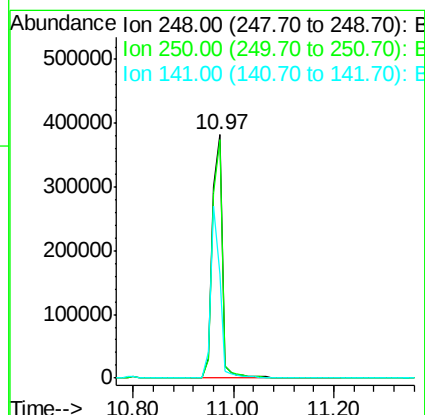
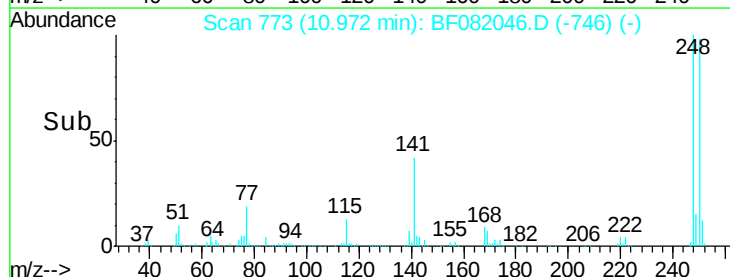
141 42.5 59.0 88.6#

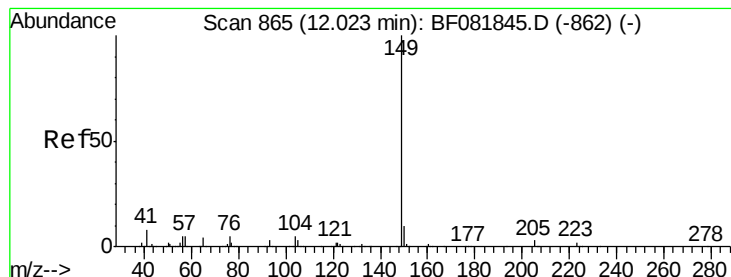


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 58.16 ng

RT: 11.98 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

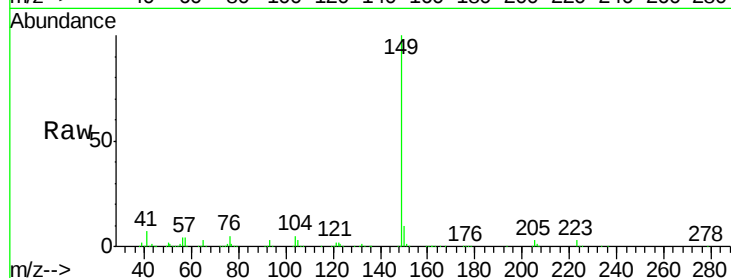
Tgt Ion:149 Resp: 999724

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

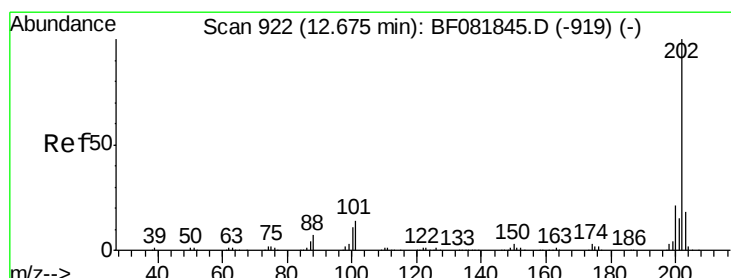
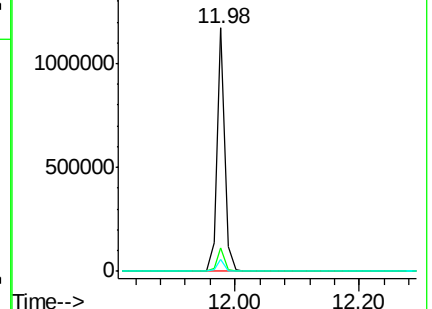
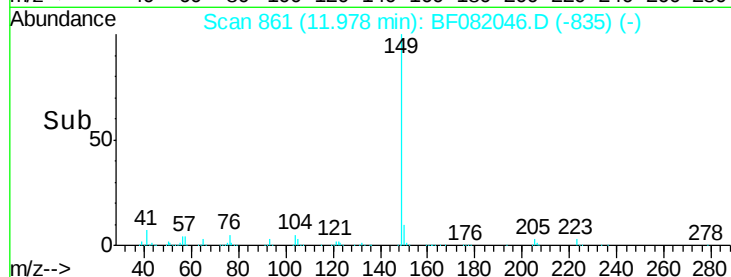
104 4.9 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 68.45 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

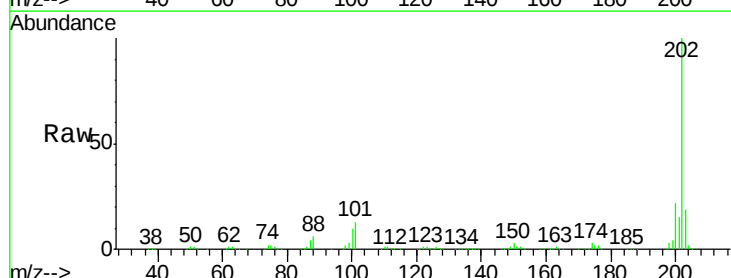
Tgt Ion:202 Resp: 1354522

Ion Ratio Lower Upper

202 100

101 12.6 0.0 38.3

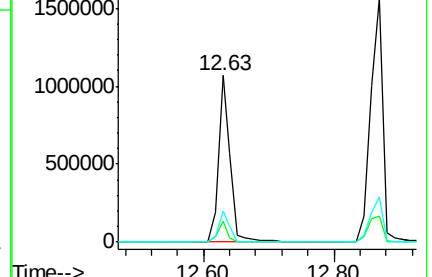
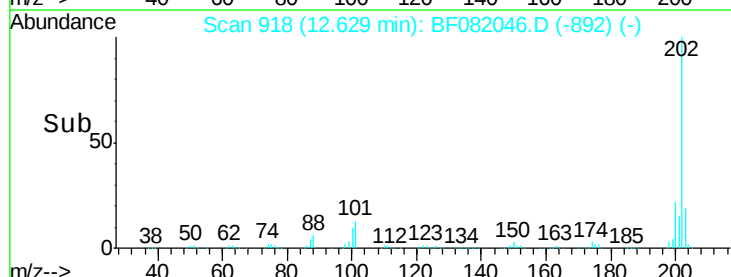
203 18.6 0.0 37.3

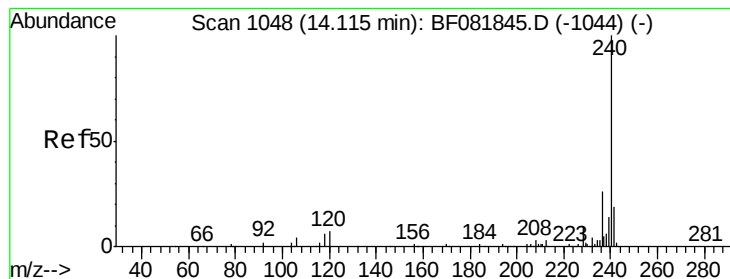


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

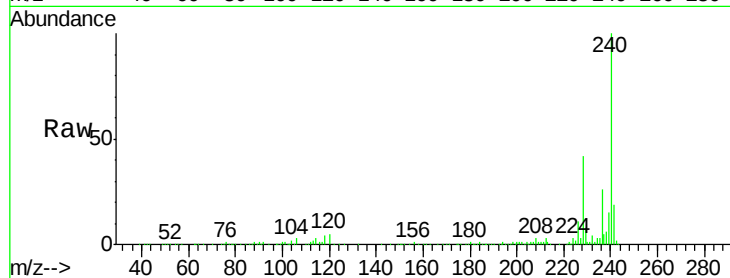
Tgt Ion:240 Resp: 307308

Ion Ratio Lower Upper

240 100

120 4.8 16.2 24.2#

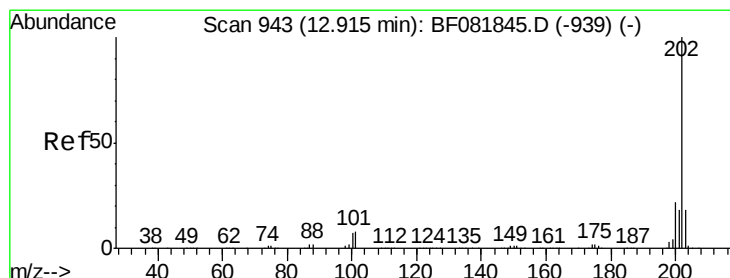
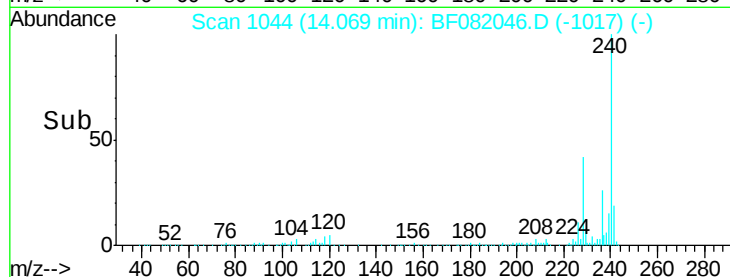
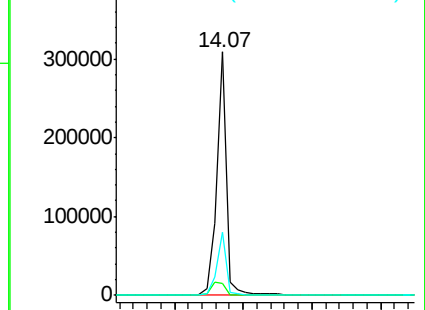
236 25.8 18.4 27.6



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: 73.79 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.23 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

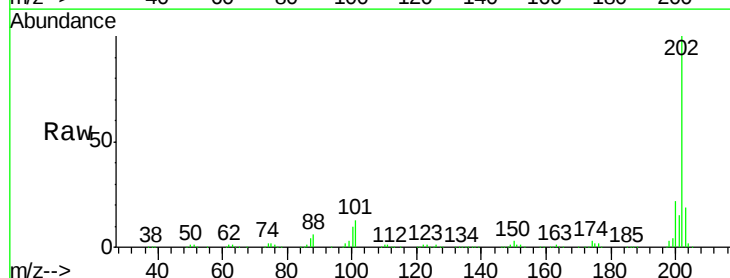
Tgt Ion:202 Resp: 1354599

Ion Ratio Lower Upper

202 100

200 21.9 15.0 22.4

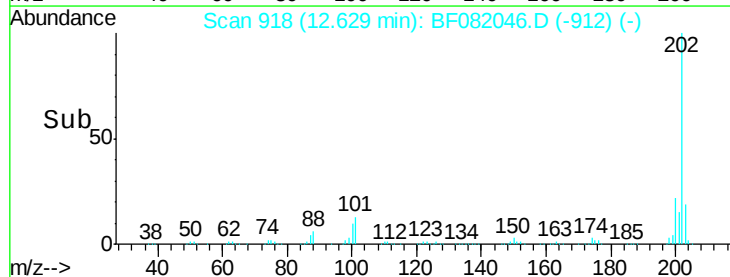
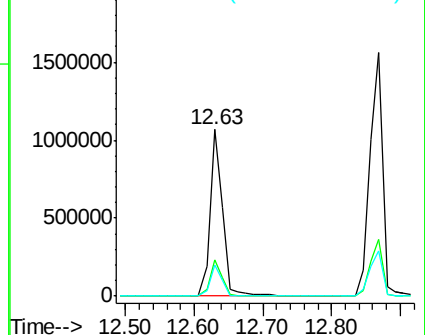
203 18.6 14.1 21.1

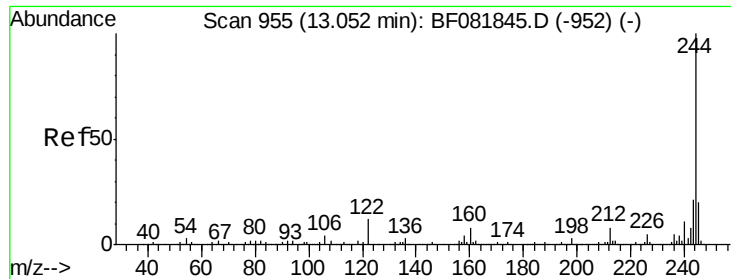


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

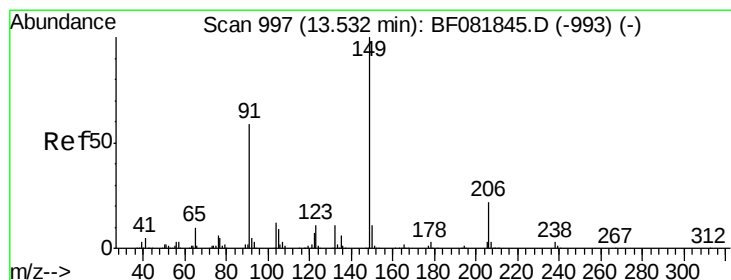
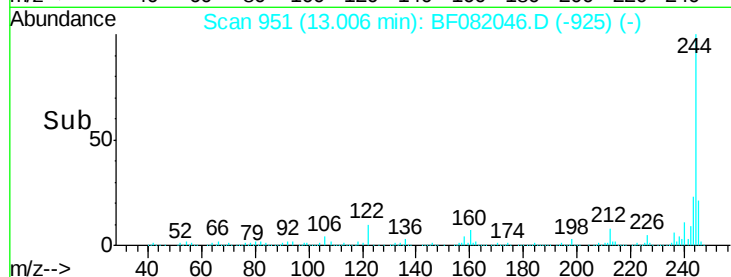
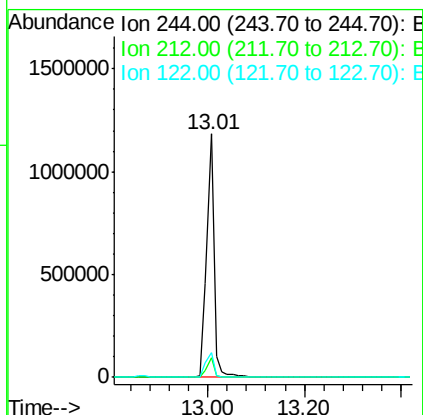
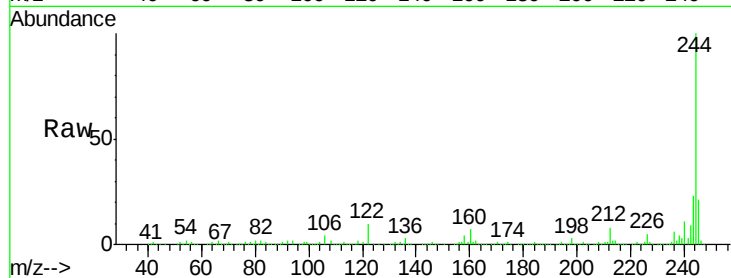




#78
 Terphenyl-d14
 Concen: -20.00 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

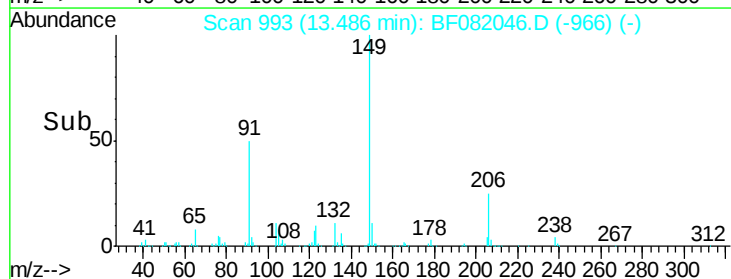
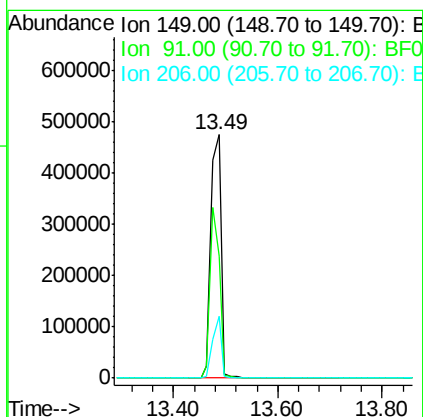
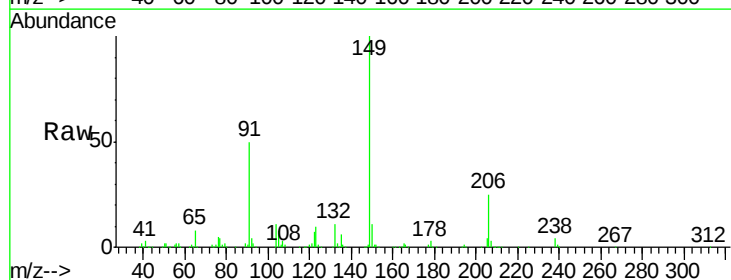
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

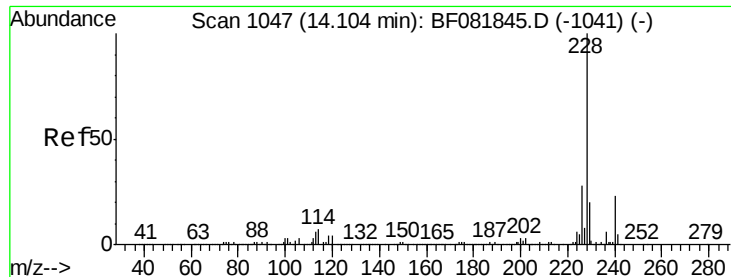
Tgt Ion:244 Resp: 1278709
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 10.3 17.4 26.2#



#79
 Butylbenzylphthalate
 Concen: 94.17 ng
 RT: 13.49 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Tgt Ion:149 Resp: 650559
 Ion Ratio Lower Upper
 149 100
 91 50.0 48.6 72.8
 206 25.2 14.9 22.3#





#80

Benzo(a)anthracene

Concen: 108.81 ng

RT: 14.06 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

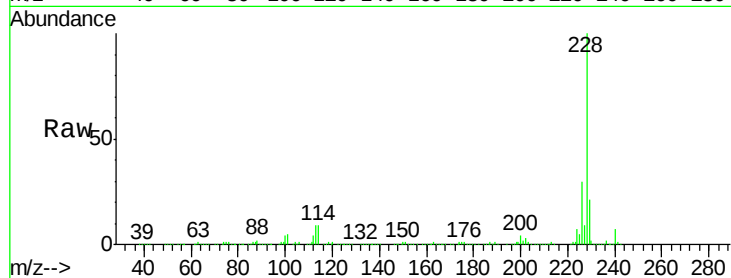
Tgt Ion:228 Resp: 1800630

Ion Ratio Lower Upper

228 100

226 29.9 20.0 30.0

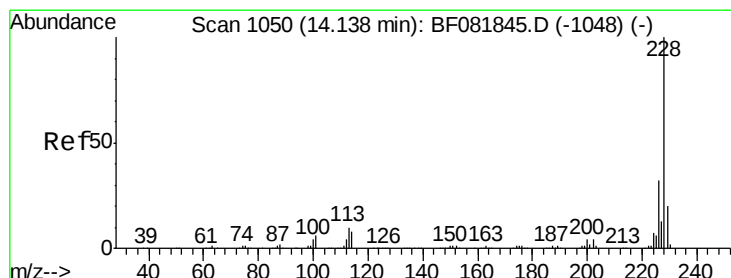
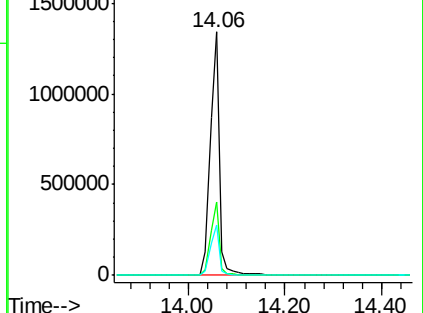
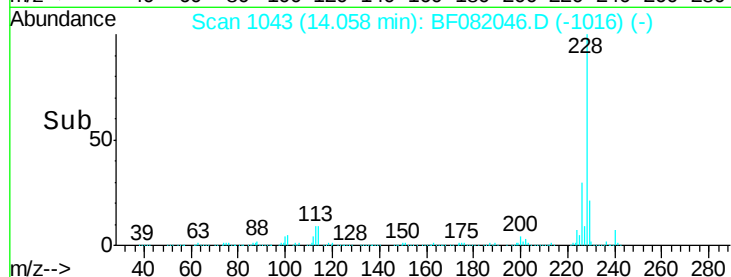
229 20.9 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: Below Cal

RT: 14.06 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

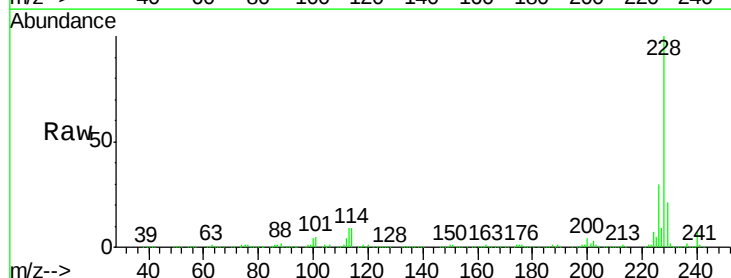
Tgt Ion:228 Resp: 1802957

Ion Ratio Lower Upper

228 100

226 29.9 21.0 31.4

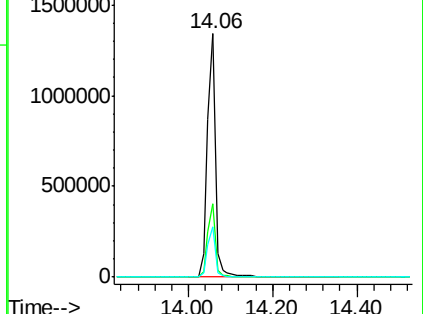
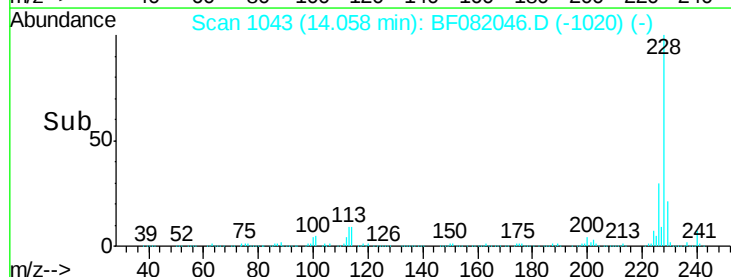
229 20.9 15.6 23.4

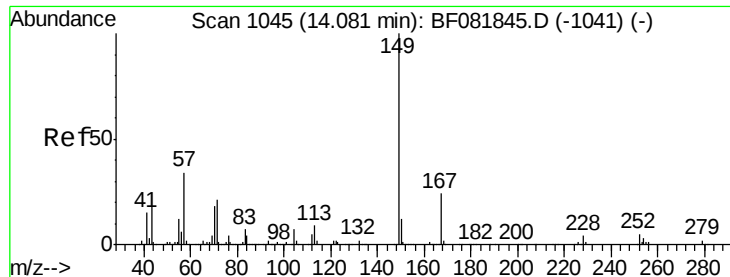


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 69.85 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

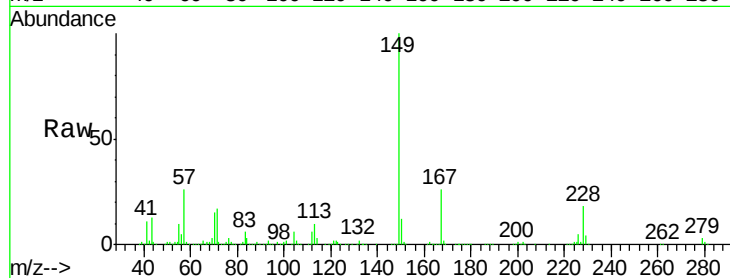
Tgt Ion:149 Resp: 605328

Ion Ratio Lower Upper

149 100

167 25.9 24.2 36.2

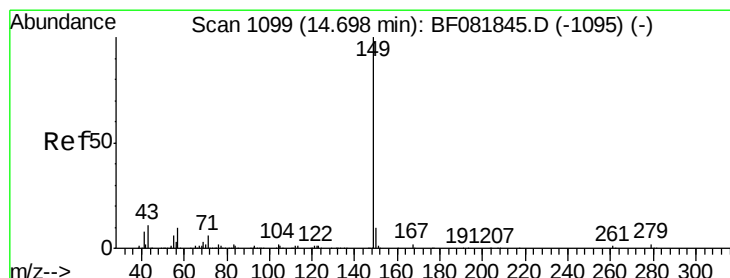
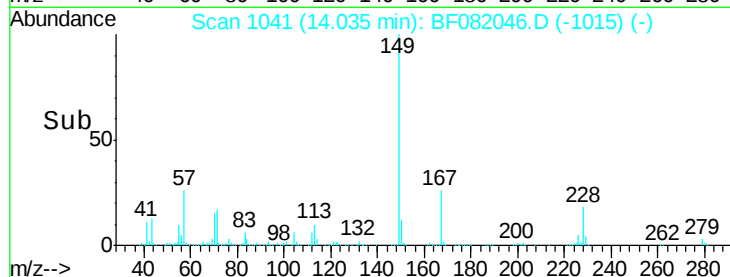
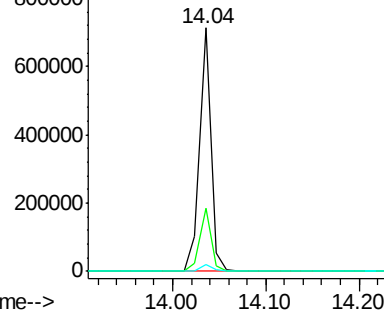
279 3.0 3.8 5.6#



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: 85.21 ng

RT: 14.65 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF082046.D

Acq: 5 Oct 2015 15:23

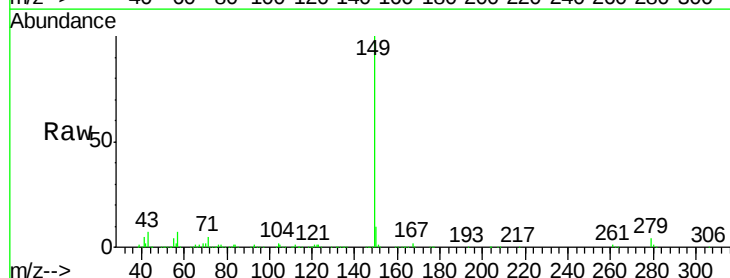
Tgt Ion:149 Resp: 1201642

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

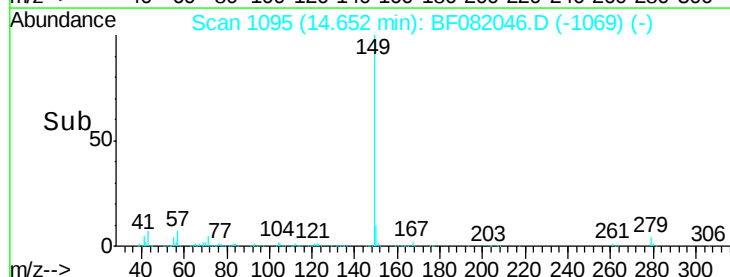
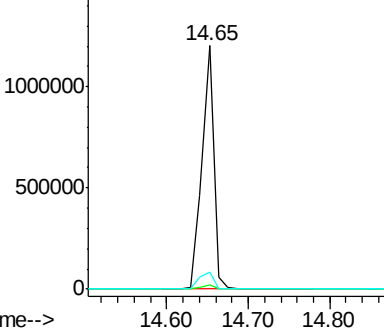
43 8.7 10.2 15.2#

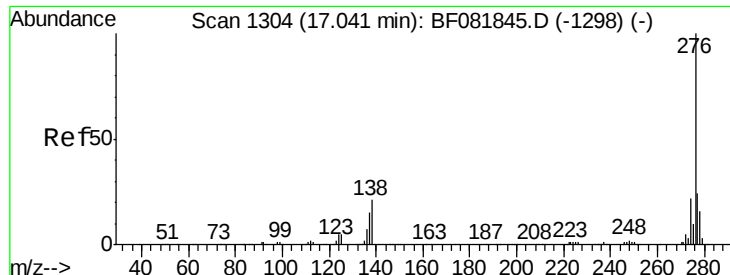


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

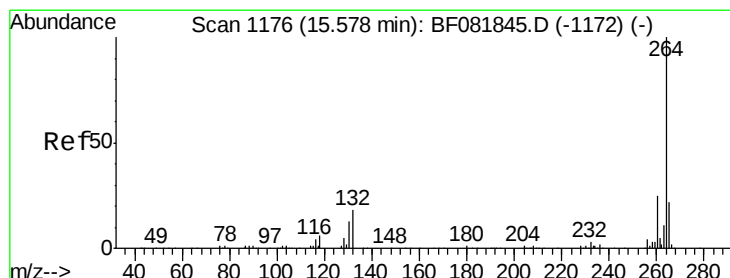
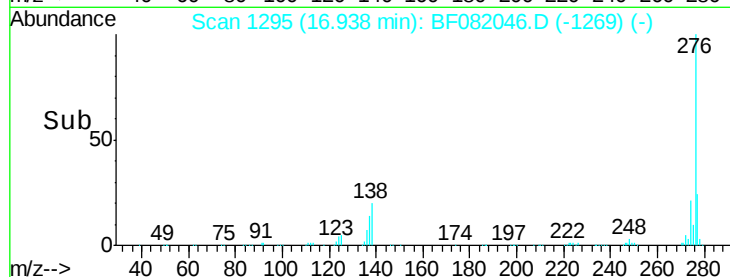
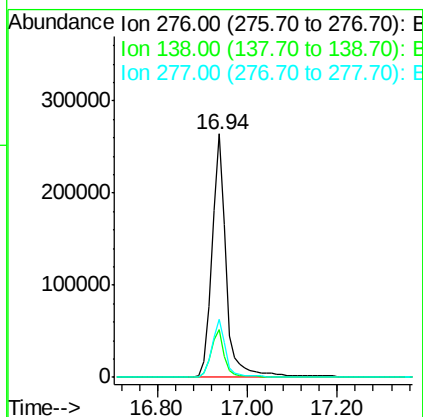
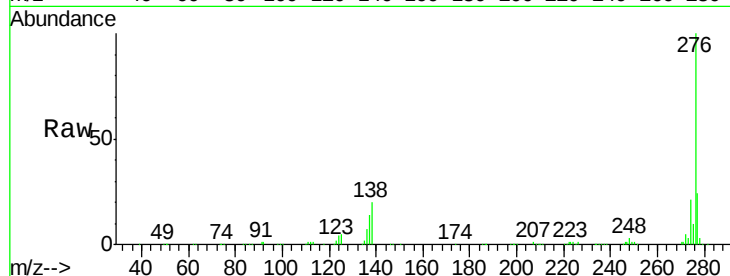




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.95 ng
 RT: 16.94 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

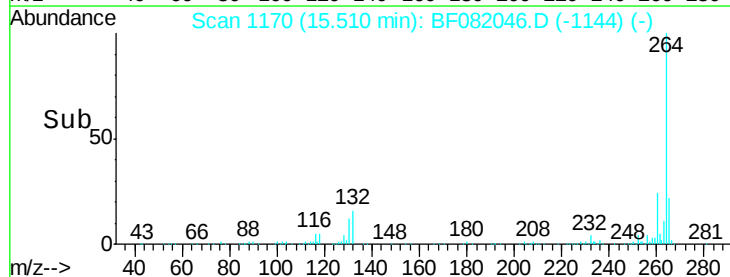
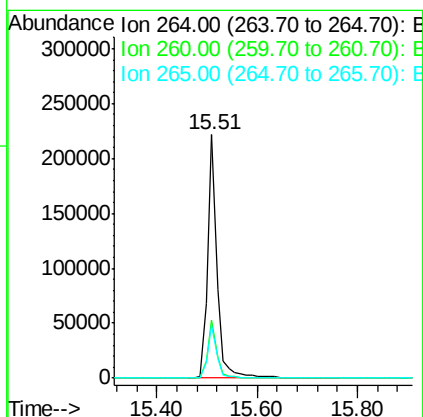
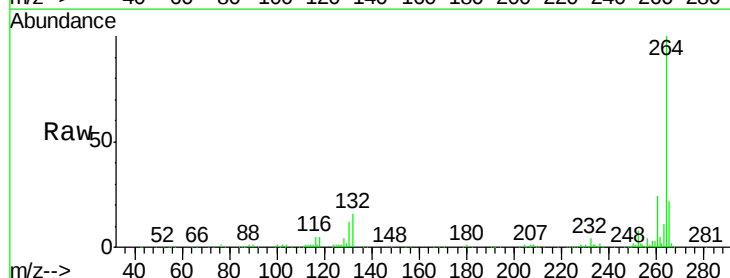
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

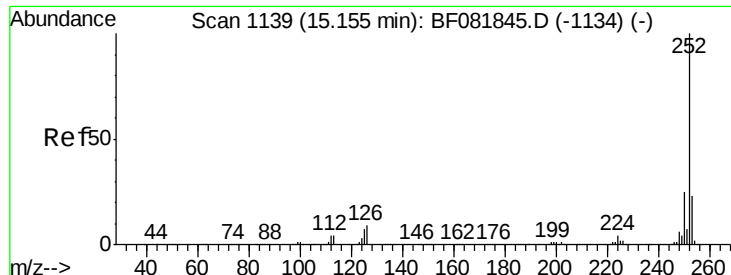
Tgt Ion: 276 Resp: 581897
 Ion Ratio Lower Upper
 276 100
 138 19.2 25.7 38.5#
 277 23.8 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Tgt Ion: 264 Resp: 287092
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.7 17.2 25.8

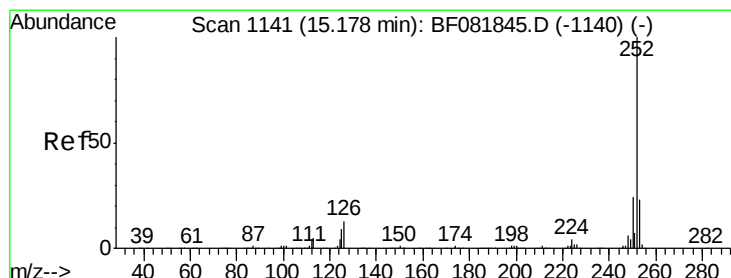
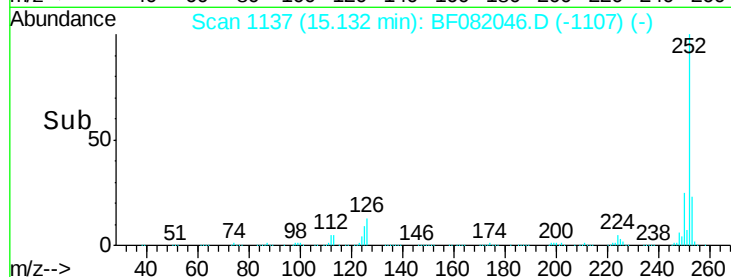
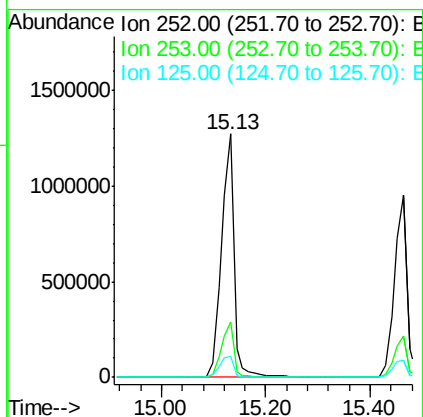
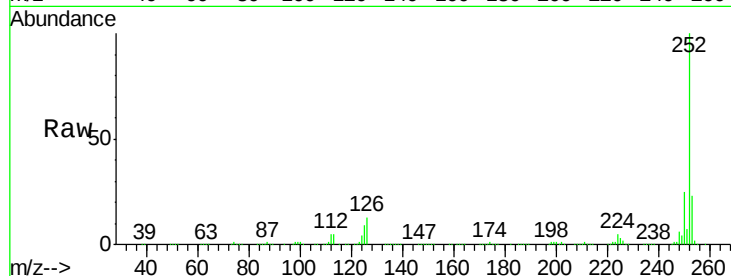




#87
Benzo(b)fluoranthene
Concen: 129.65 ng
RT: 15.13 min Scan# 1137
Delta R.T. 0.05 min
Lab File: BF082046.D
Acq: 5 Oct 2015 15:23

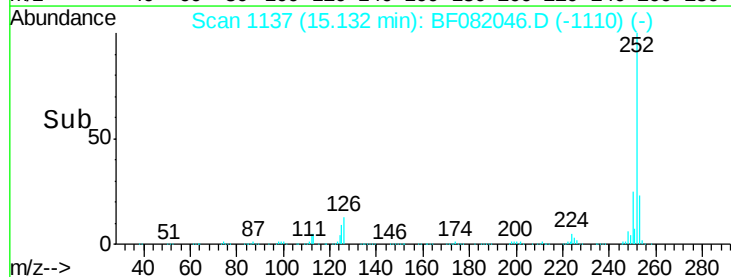
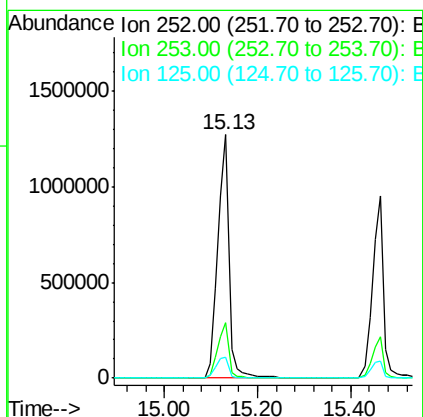
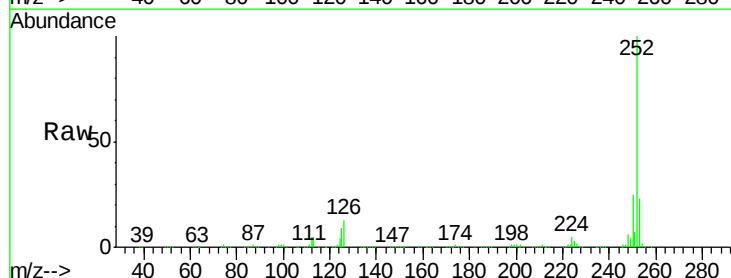
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

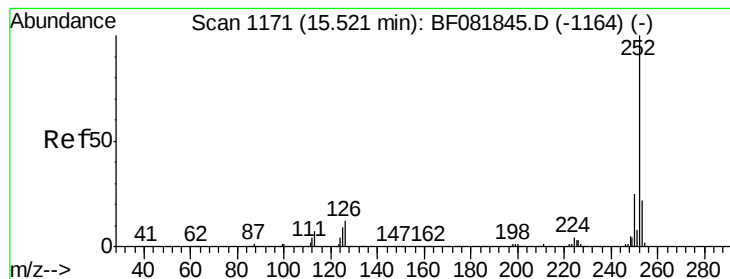
Tgt Ion:252 Resp: 2125175
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 8.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 141.68 ng
RT: 15.13 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF082046.D
Acq: 5 Oct 2015 15:23

Tgt Ion:252 Resp: 2128400
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.4
125 8.8 16.0 24.0#





#89
 Benzo(a)pyrene
 Concen: 112.85 ng
 RT: 15.46 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF082046.D
 Acq: 5 Oct 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Tgt Ion:252 Resp: 1604505
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.2 25.8
 125 9.4 18.0 27.0#

