

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085719.D
 Acq On : 24 Mar 2016 17:48
 Operator : UM/SJ
 Sample : H1739-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Mar 24 23:51:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	99449	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	399341	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	195522	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	382466	20.00	ng	0.00
75) Chrysene-d12	13.98	240	296755	20.00	ng	0.00
86) Perylene-d12	15.40	264	194414	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	184598	30.91	ng	0.00
7) Phenol-d6	6.45	99	239016	31.48	ng	-0.01
23) Nitrobenzene-d5	7.38	82	145448	20.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	52055	28.02	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	271899	23.23	ng	0.00
78) Terphenyl-d14	12.93	244	291180	20.18	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.04	42	82284	30.07	ng	93
6) Aniline	6.55	93	150914	14.77	ng	# 54
11) bis(2-Chloroethyl)ether	6.55	93	150914	22.80	ng	92
12) 1,3-Dichlorobenzene	6.77	146	249313	33.37	ng	99
13) 1,4-Dichlorobenzene	6.77	146	249313	32.90	ng	# 92
14) 1,2-Dichlorobenzene	6.77	146	249305	35.31	ng	95
18) Hexachloroethane	7.34	117	69755	25.14	ng	99
24) Nitrobenzene	7.41	77	123333	16.87	ng	90
25) Isophorone	7.65	82	459029	33.60	ng	95
26) 2-Nitrophenol	7.65	139	8091	2.21	ng	# 57
30) 1,2,4-Trichlorobenzene	8.05	180	55100	9.24	ng	99
31) Naphthalene	8.13	128	109430	5.44	ng	98
37) 2-Methylnaphthalene	8.82	142	195533	13.70	ng	99
46) 2-Chloronaphthalene	9.32	162	417193	34.39	ng	98
48) Acenaphthylene	9.90	152	165737	8.38	ng	# 1
49) Dimethylphthalate	9.59	163	521858	35.18	ng	98
50) 2,6-Dinitrotoluene	9.65	165	80076	25.08	ng	90
51) Acenaphthene	9.90	154	302615	25.06	ng	100
56) 2,4-Dinitrotoluene	10.05	165	42588	10.49	ng	# 16
57) Fluorene	10.41	166	361358	27.82	ng	99
59) Diethylphthalate	10.28	149	296480	20.23	ng	95
60) 4-Chlorophenyl-phenylether	10.40	204	164840	25.95	ng	98
62) Azobenzene	10.40	77	83063	5.90	ng	# 47
66) 4-Bromophenyl-phenylether	10.89	248	17996	4.60	ng	96
67) Hexachlorobenzene	10.96	284	45135	11.03	ng	96
70) Phenanthrene	11.37	178	804215	40.95	ng	99
71) Anthracene	11.42	178	181689	8.81	ng	97
73) Di-n-butylphthalate	11.91	149	515075	21.69	ng	99
74) Fluoranthene	12.55	202	377898	18.10	ng	98
77) Pyrene	12.55	202	377898	15.49	ng	99
79) Butylbenzylphthalate	13.40	149	129533	12.68	ng	# 65
83) Bis(2-ethylhexyl)phthalate	13.96	149	446692	36.52	ng	99
84) Di-n-octyl phthalate	14.57	149	623153	34.26	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	84525	6.42	ng	# 90

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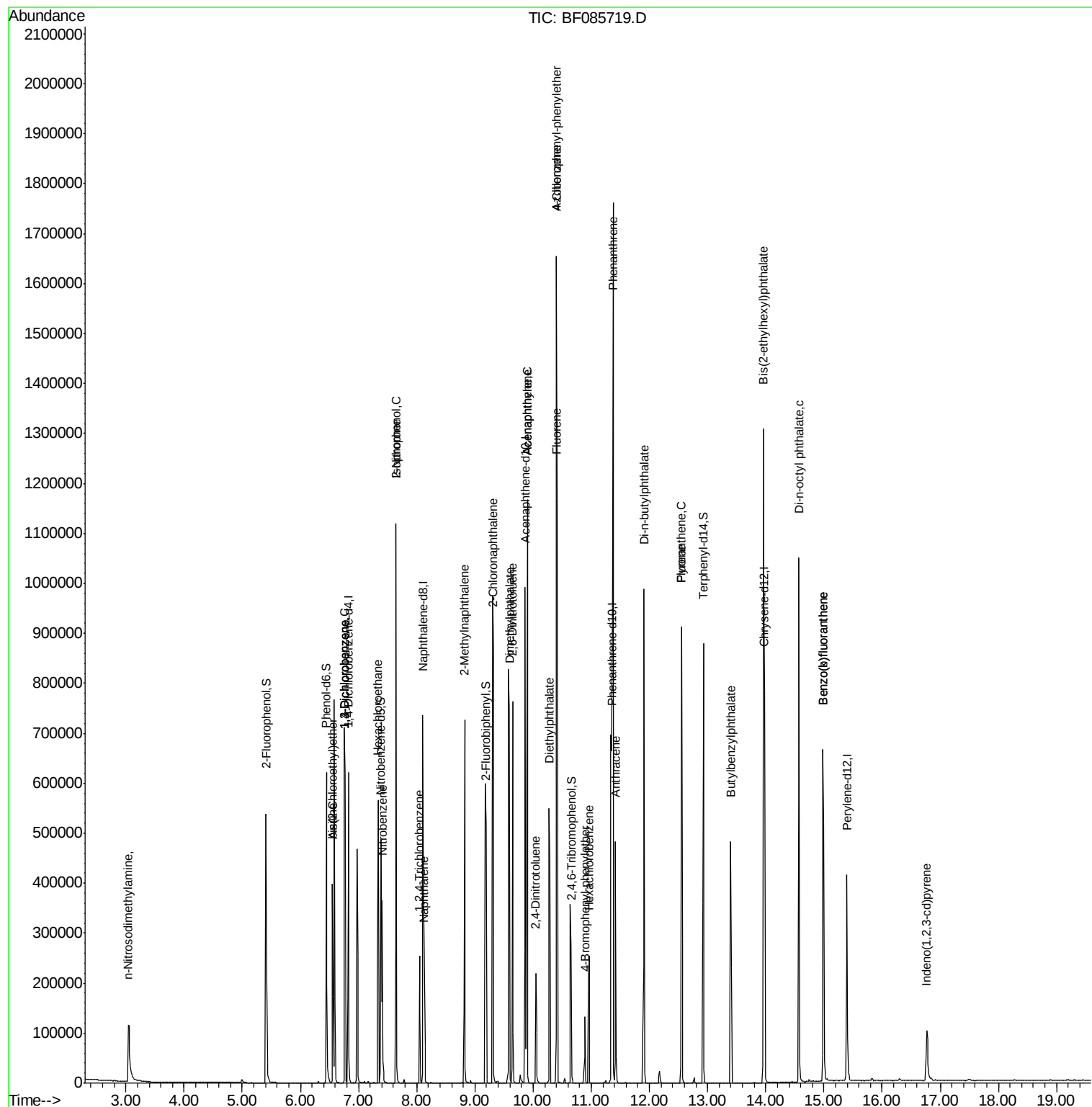
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	14.99	252	361710	29.53	ng	98
88) Benzo(k)fluoranthene	14.99	252	361710	32.76	ng #	96

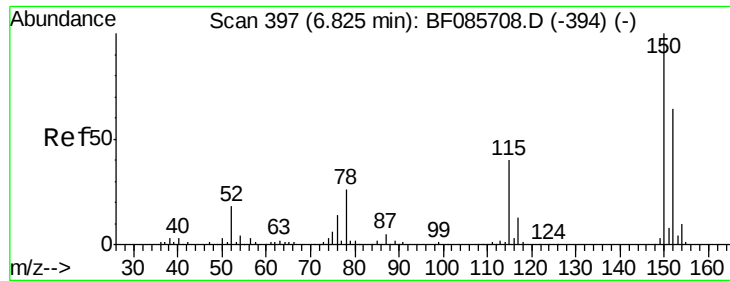
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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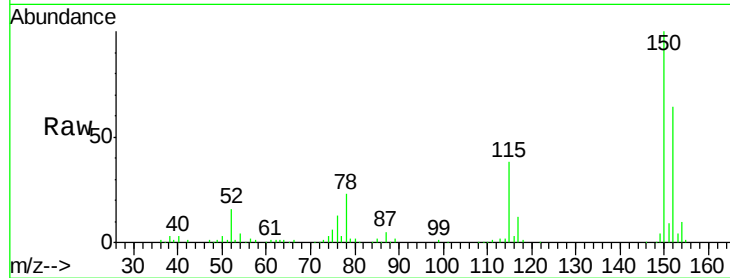


#1

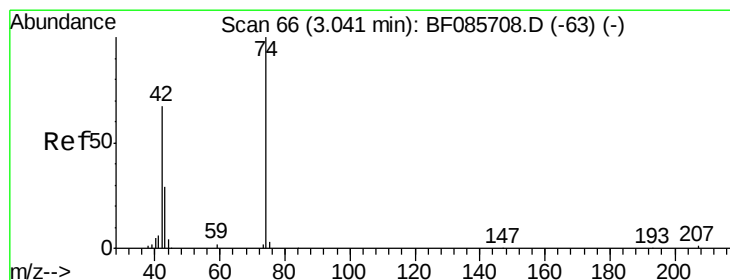
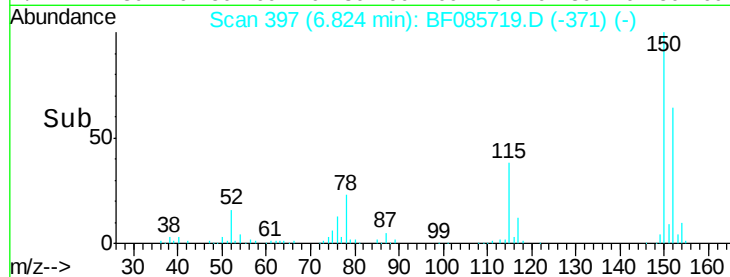
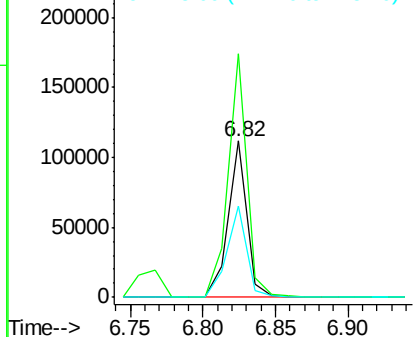
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion:152 Resp: 99449
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.2 186.2
 115 58.4 47.0 70.6



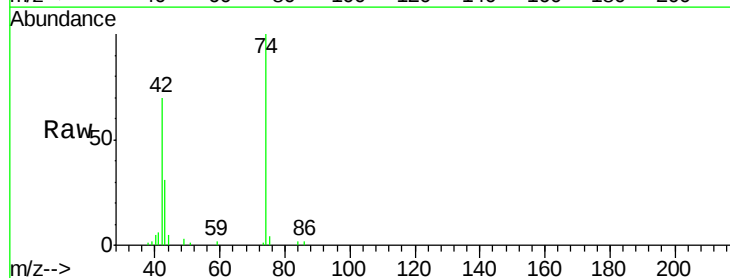
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



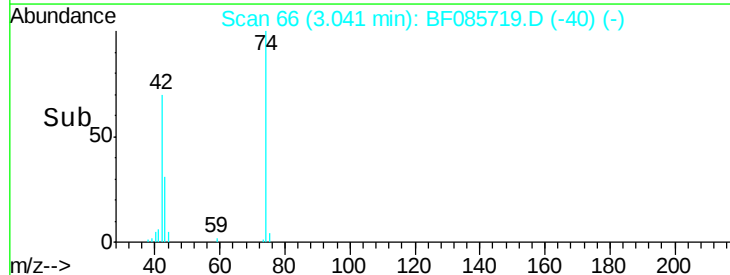
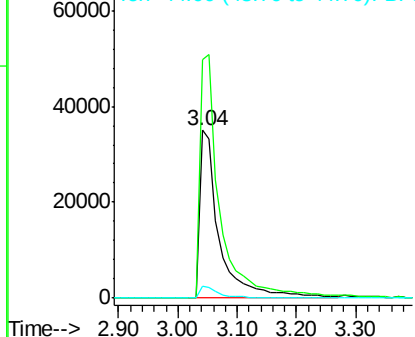
#4

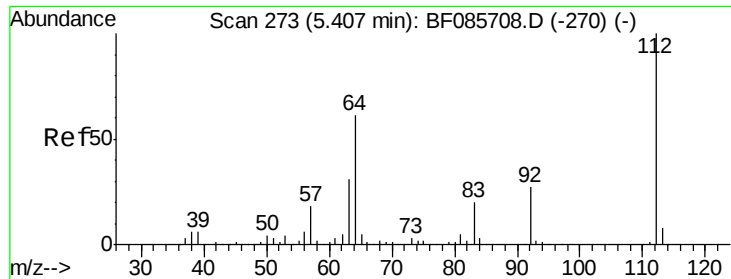
n-Nitrosodimethylamine
 Concen: 30.07 ng
 RT: 3.04 min Scan# 66
 Delta R.T. -0.00 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Tgt Ion: 42 Resp: 82284
 Ion Ratio Lower Upper
 42 100
 74 141.9 121.4 182.2
 44 7.0 5.6 8.4



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: 30.91 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

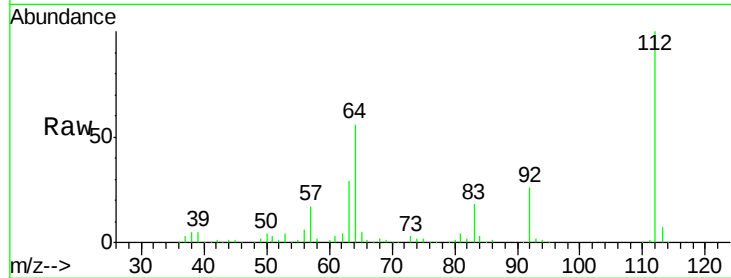
Tgt Ion: 112 Resp: 184598

Ion Ratio Lower Upper

112 100

64 56.2 39.9 59.9

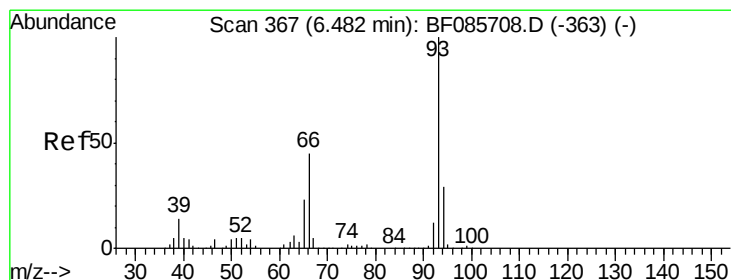
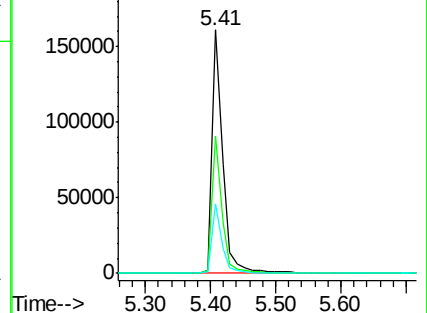
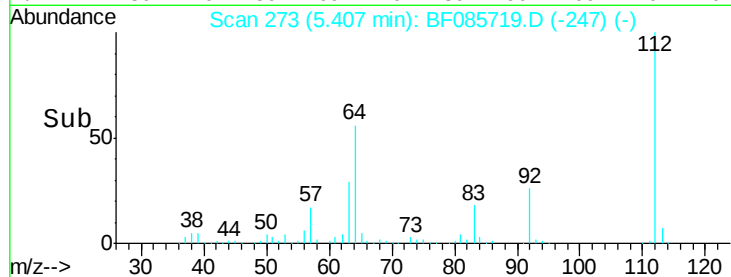
63 28.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.77 ng

RT: 6.55 min Scan# 373

Delta R.T. 0.07 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

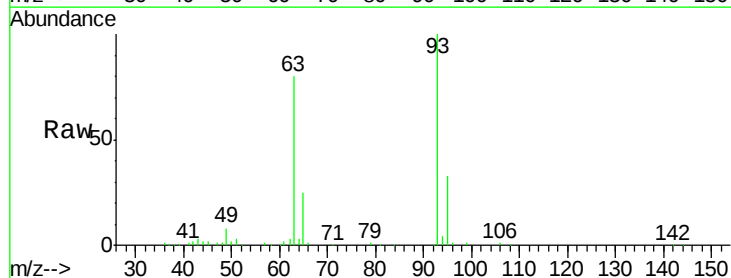
Tgt Ion: 93 Resp: 150914

Ion Ratio Lower Upper

93 100

66 0.7 31.4 47.2#

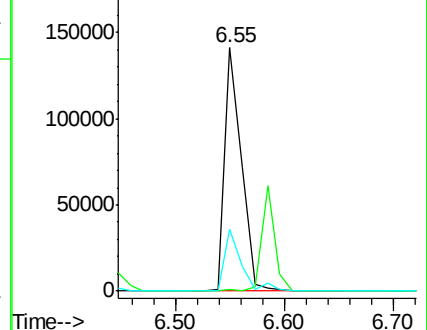
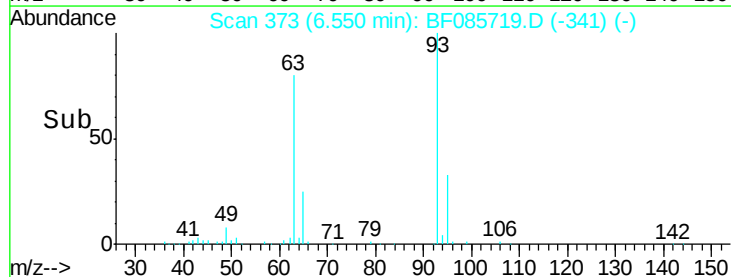
65 25.3 15.7 23.5#

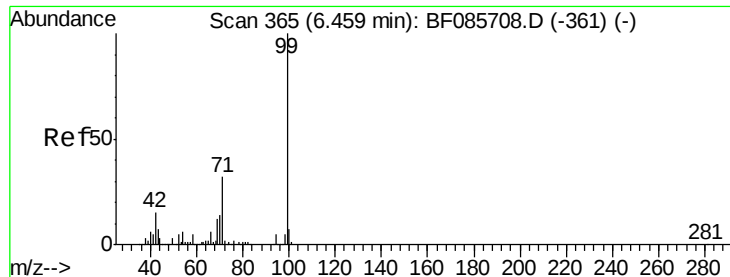


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 31.48 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

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ClientSampleId :

PT-BN-WPDL

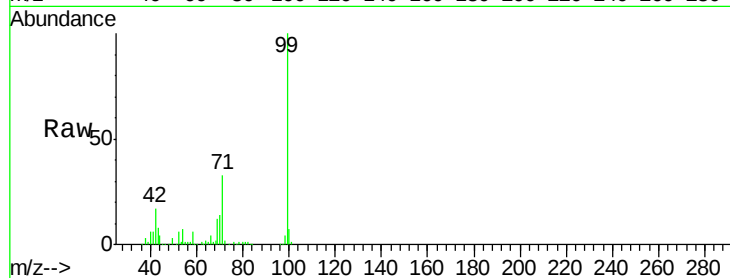
Tgt Ion: 99 Resp: 239016

Ion Ratio Lower Upper

99 100

42 16.8 11.1 16.7#

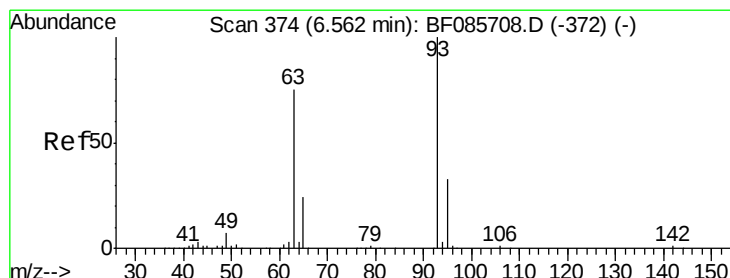
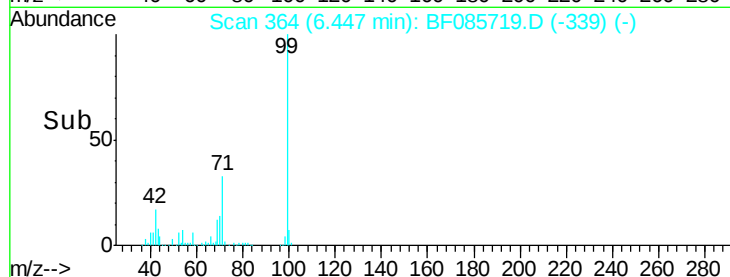
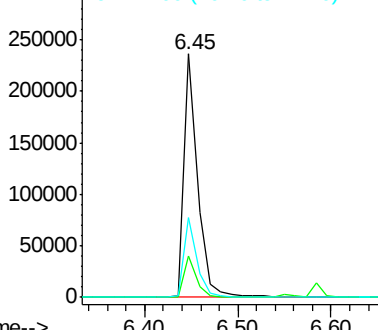
71 32.9 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 22.80 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

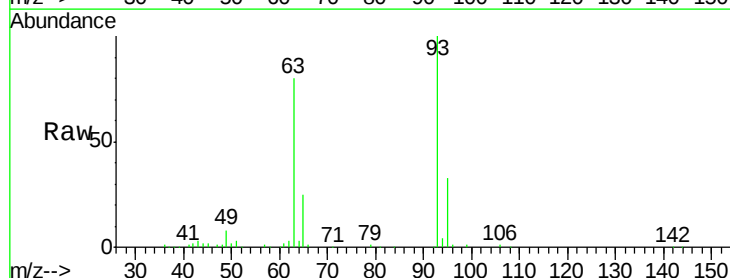
Tgt Ion: 93 Resp: 150914

Ion Ratio Lower Upper

93 100

63 80.4 50.9 90.9

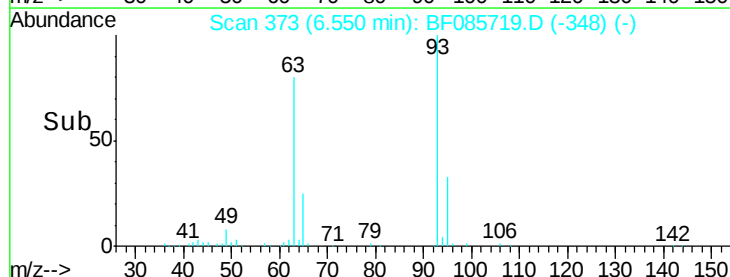
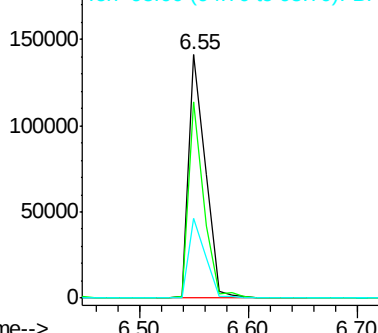
95 32.6 13.3 53.3

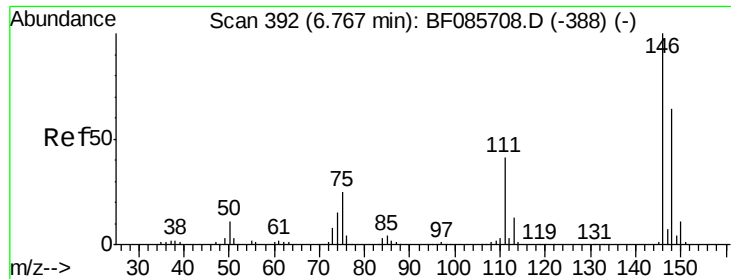


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

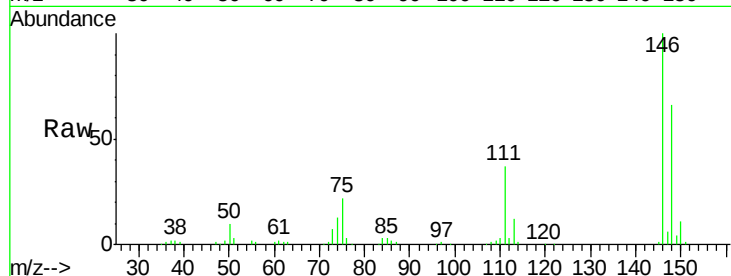




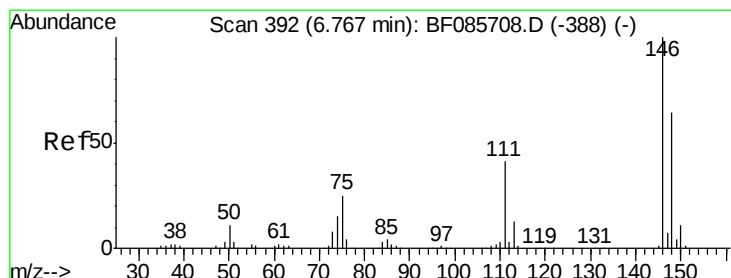
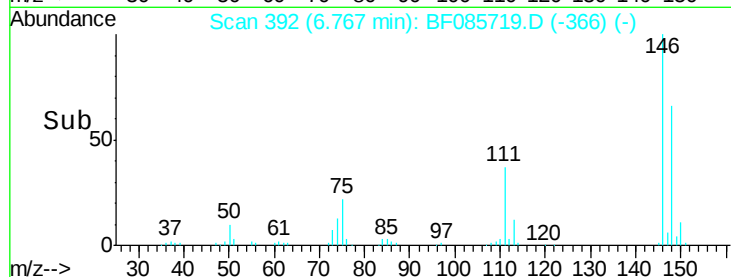
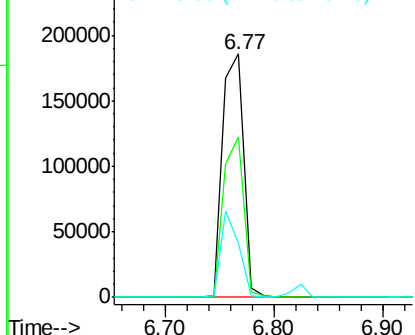
#12
 1,3-Dichlorobenzene
 Concen: 33.37 ng
 RT: 6.77 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Instrument :
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 PT-BN-WPDL

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.3	78.5
75	22.3	17.4	26.2

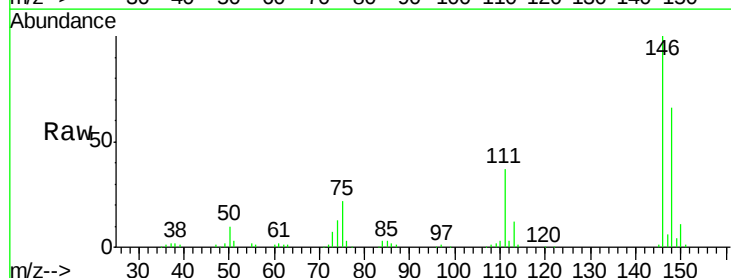


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

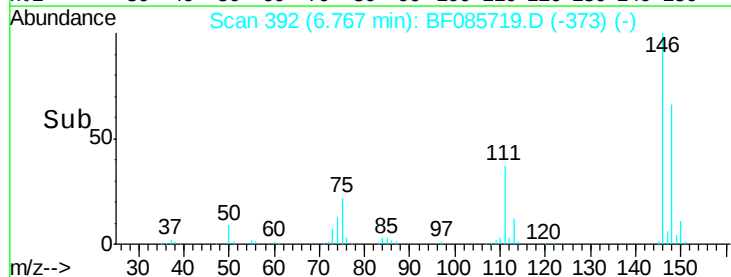
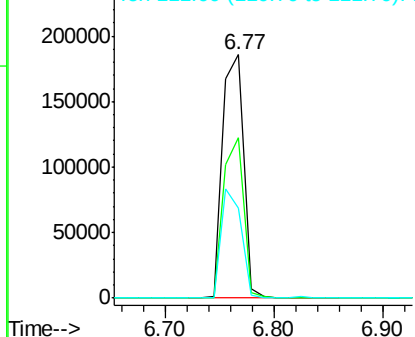


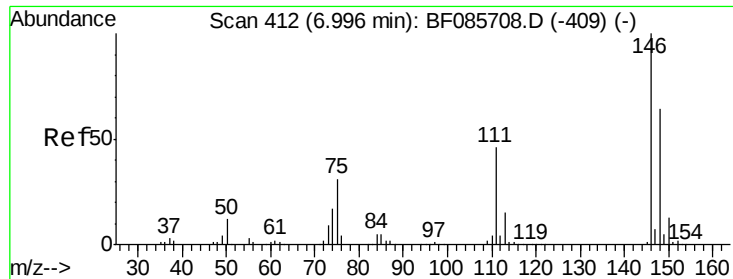
#13
 1,4-Dichlorobenzene
 Concen: 32.90 ng
 RT: 6.77 min Scan# 392
 Delta R.T. -0.08 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.6	76.0
111	37.2	37.8	56.6#



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: 35.31 ng

RT: 6.77 min Scan# 392

Delta R.T. -0.23 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

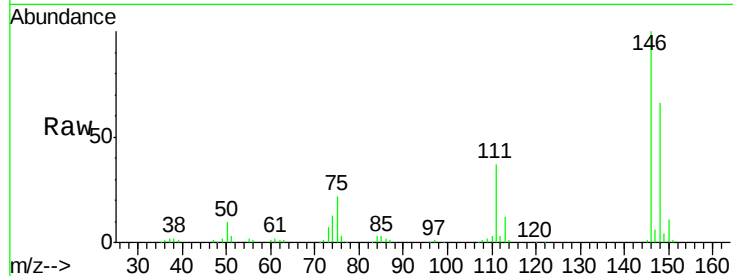
Tgt Ion:146 Resp: 249305

Ion Ratio Lower Upper

146 100

148 65.7 51.4 77.2

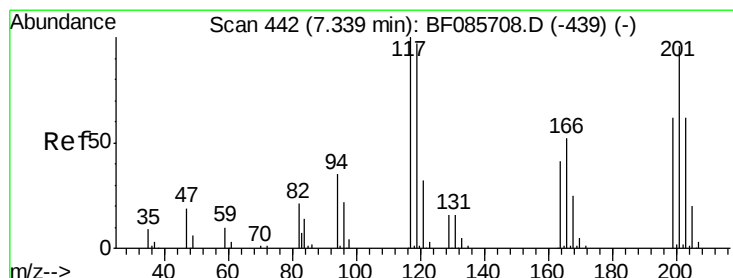
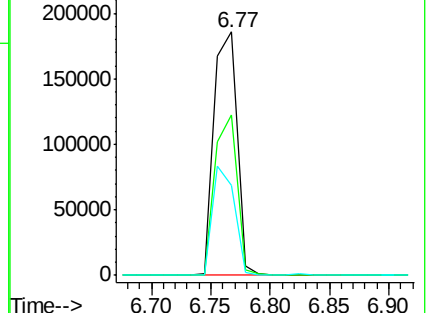
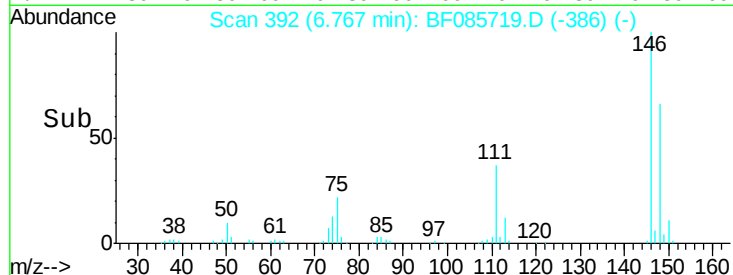
111 37.2 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#18

Hexachloroethane

Concen: 25.14 ng

RT: 7.34 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

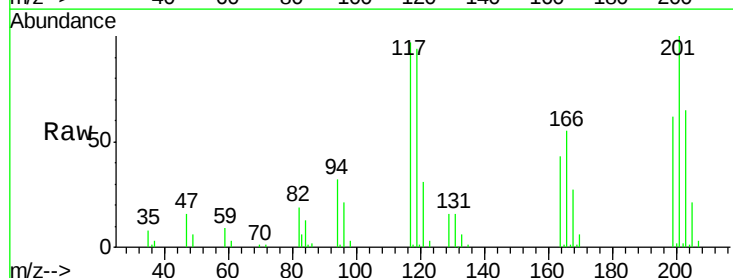
Tgt Ion:117 Resp: 69755

Ion Ratio Lower Upper

117 100

119 96.6 76.7 115.1

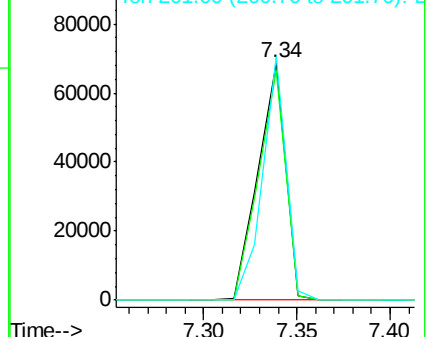
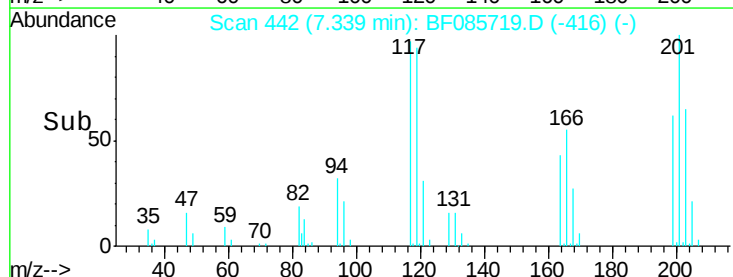
201 102.6 83.3 124.9

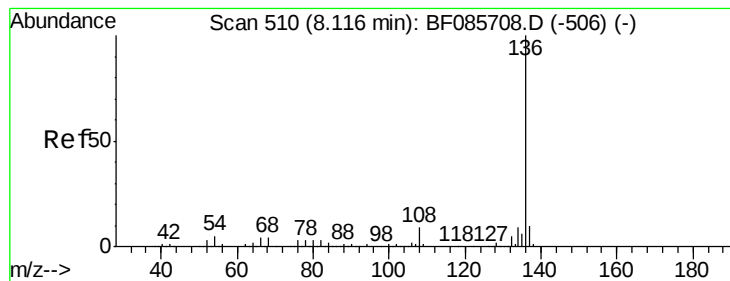


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

Tgt Ion:136 Resp: 399341

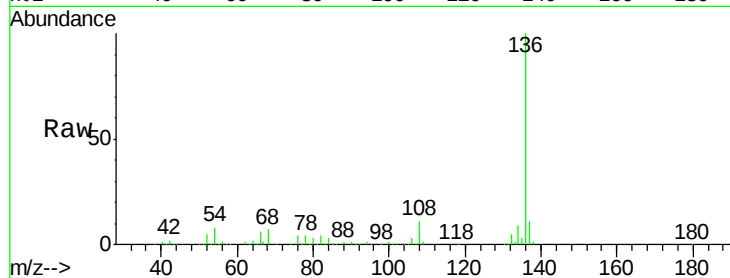
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.4 7.4 11.0

68 6.8 5.8 8.8

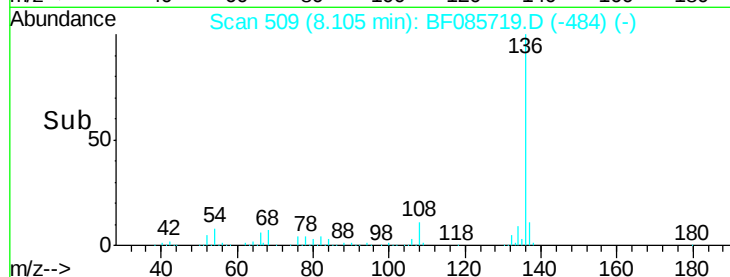


Abundance Ion 136.00 (135.70 to 136.70): E

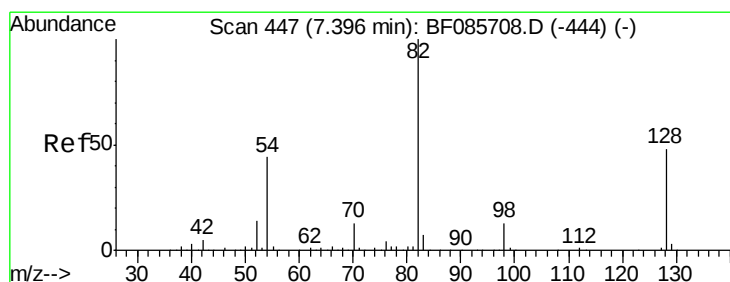
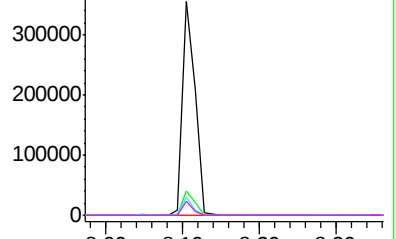
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Abundance



#23

Nitrobenzene-d5

Concen: 20.51 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

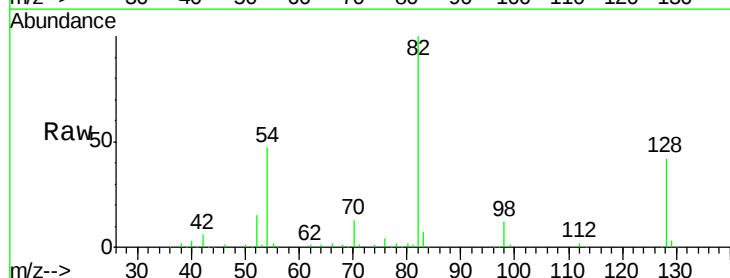
Tgt Ion: 82 Resp: 145448

Ion Ratio Lower Upper

82 100

128 42.4 41.8 62.8

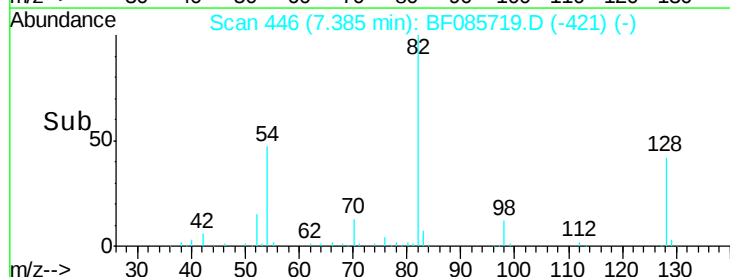
54 47.1 33.4 50.0



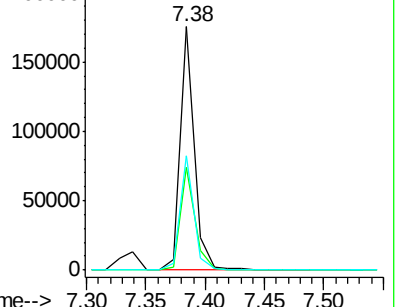
Abundance Ion 82.00 (81.70 to 82.70): BF0

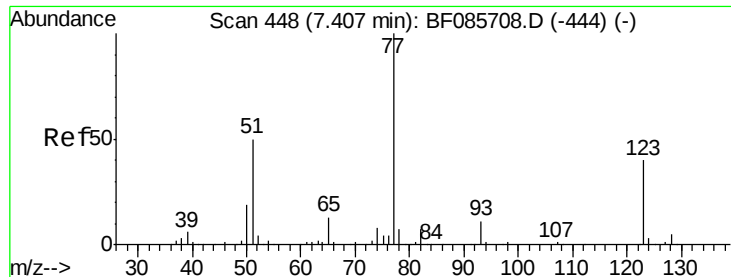
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Abundance





#24

Nitrobenzene

Concen: 16.87 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

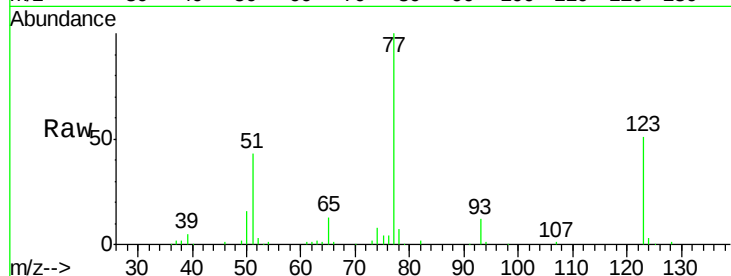
Tgt Ion: 77 Resp: 123333

Ion Ratio Lower Upper

77 100

123 51.4 35.0 52.4

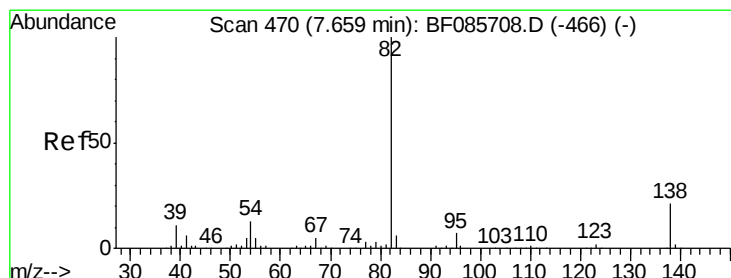
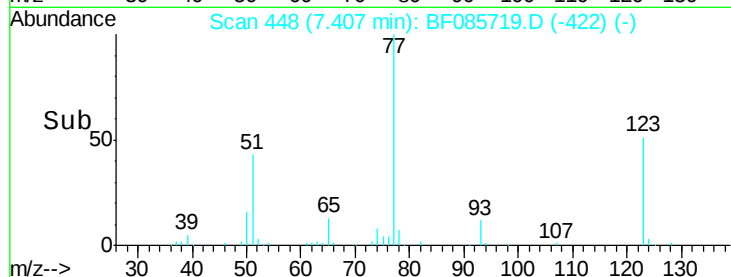
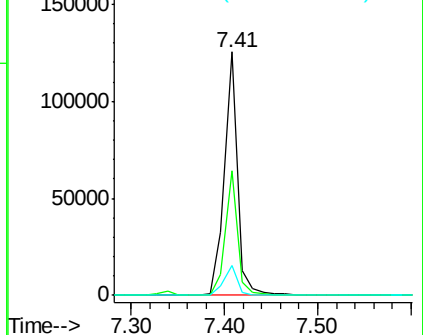
65 12.5 10.6 16.0



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: 33.60 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

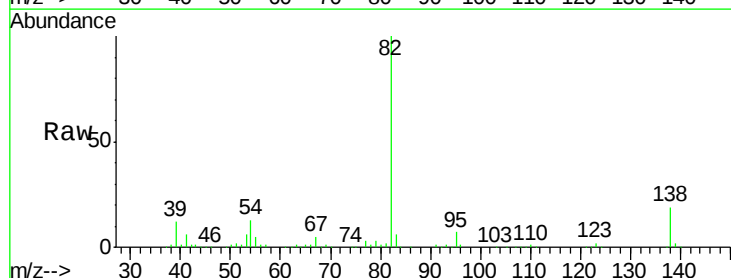
Tgt Ion: 82 Resp: 459029

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

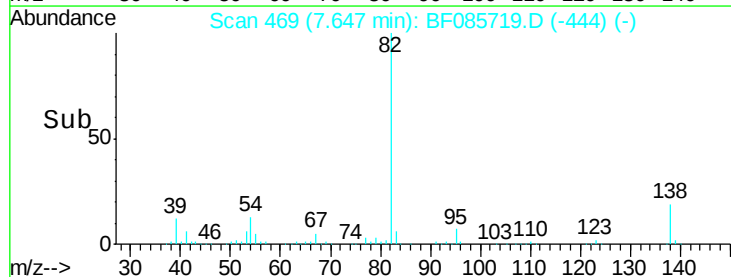
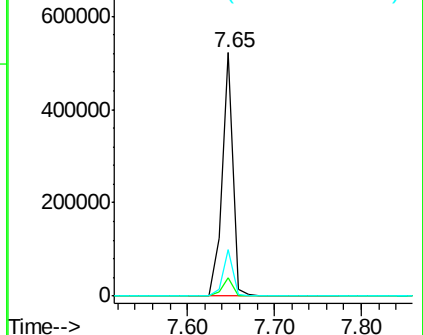
138 19.0 12.9 19.3

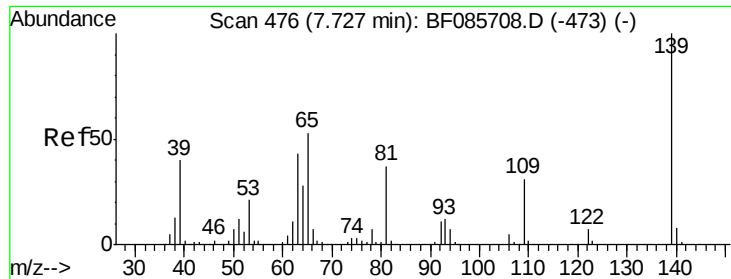


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

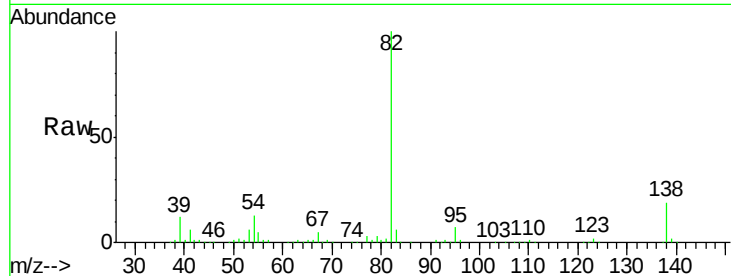




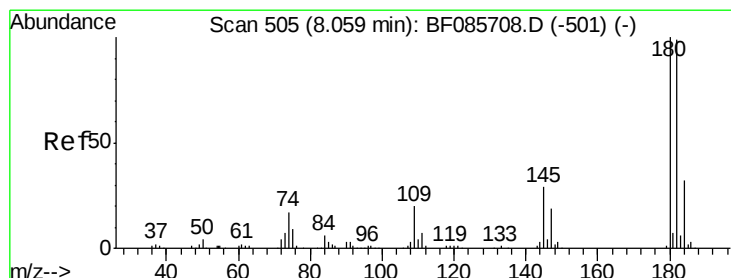
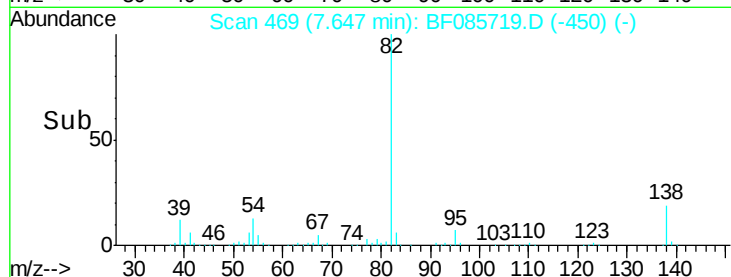
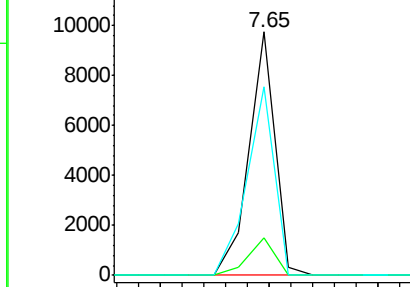
#26
 2-Nitrophenol
 Concen: 2.21 ng
 RT: 7.65 min Scan# 469
 Delta R.T. -0.08 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion:139 Resp: 8091
 Ion Ratio Lower Upper
 139 100
 109 15.6 22.1 33.1#
 65 77.5 33.9 50.9#

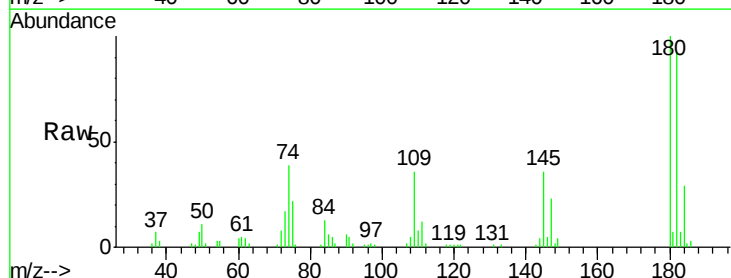


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

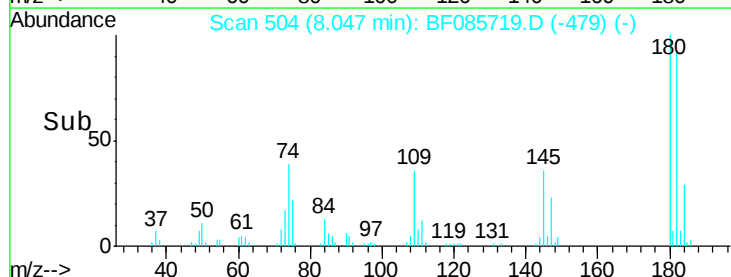
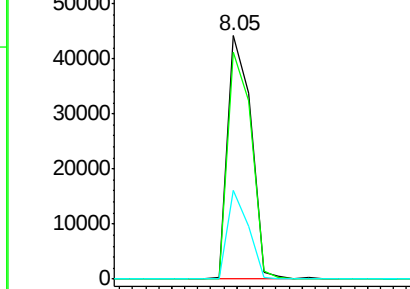


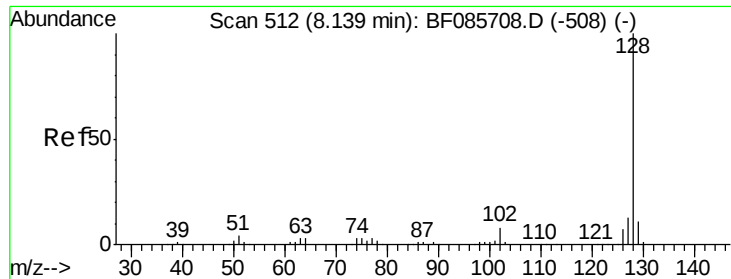
#30
 1,2,4-Trichlorobenzene
 Concen: 9.24 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Tgt Ion:180 Resp: 55100
 Ion Ratio Lower Upper
 180 100
 182 93.3 73.8 110.8
 145 36.4 28.4 42.6



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

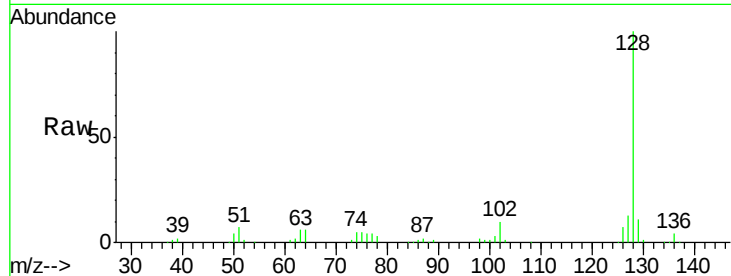




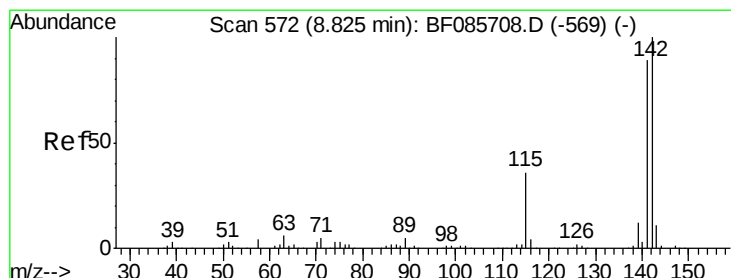
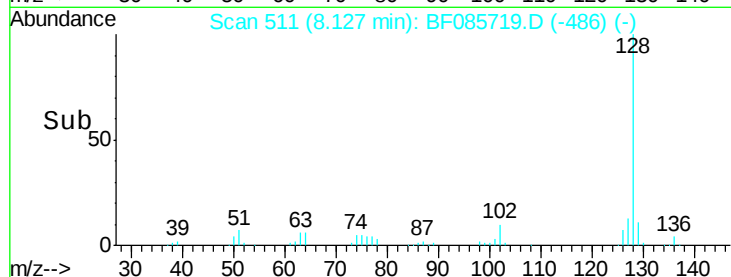
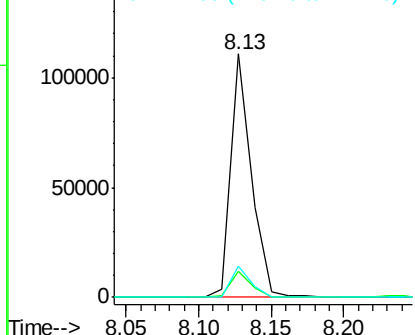
#31
Naphthalene
Concen: 5.44 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085719.D
Acq: 24 Mar 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 109430
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 12.9 11.0 16.6

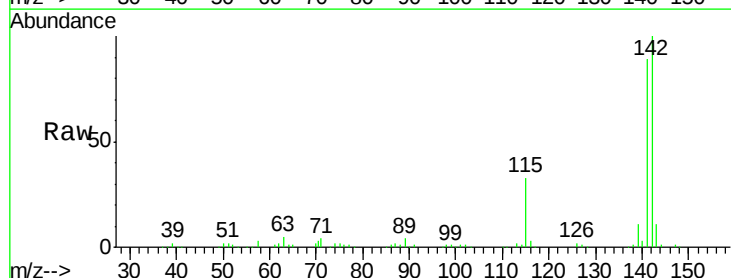


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

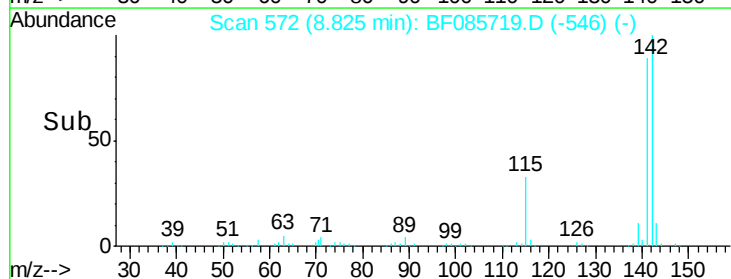
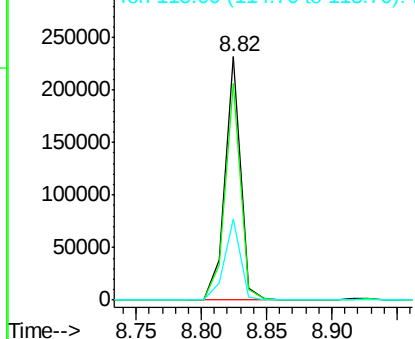


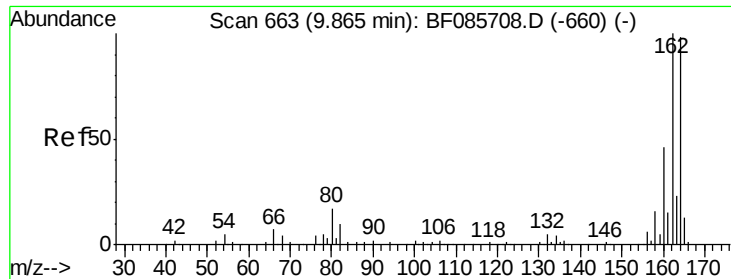
#37
2-Methylnaphthalene
Concen: 13.70 ng
RT: 8.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF085719.D
Acq: 24 Mar 2016 17:48

Tgt Ion:142 Resp: 195533
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4
115 33.2 26.8 40.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

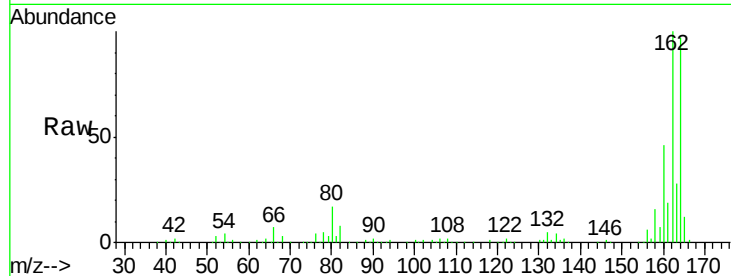
Tgt Ion:164 Resp: 195522

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

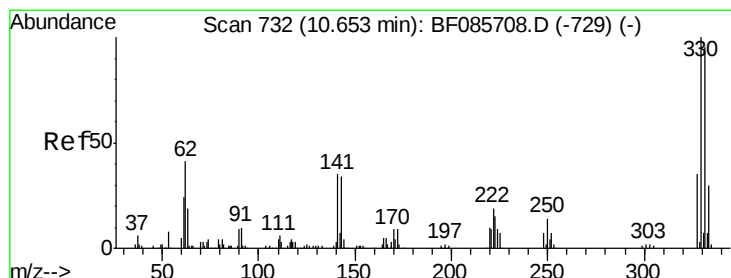
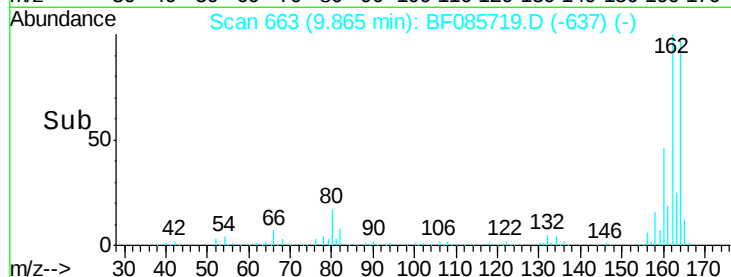
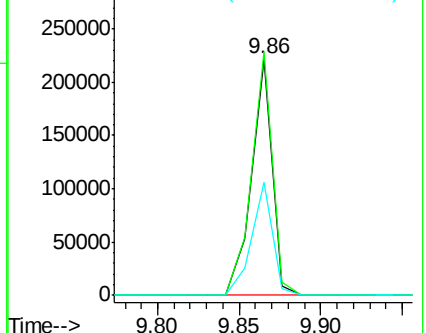
160 47.8 37.4 56.2



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: 28.02 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

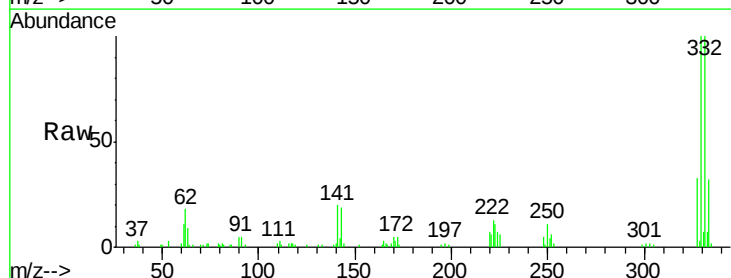
Tgt Ion:330 Resp: 52055

Ion Ratio Lower Upper

330 100

332 99.1 78.2 117.2

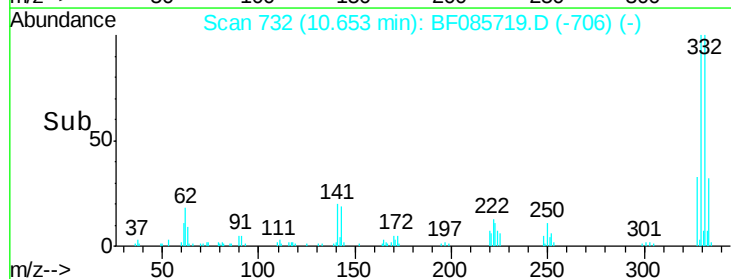
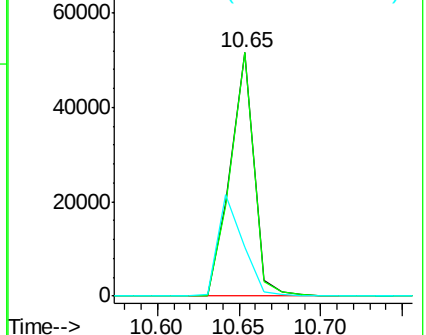
141 44.4 31.5 47.3

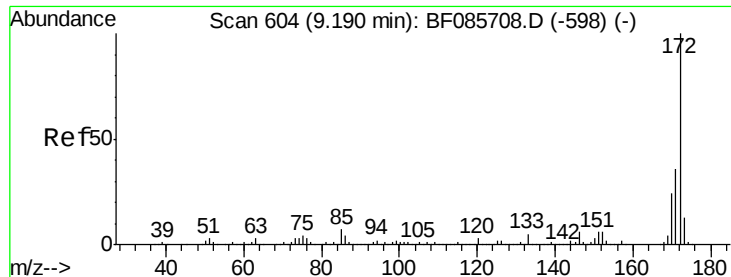


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

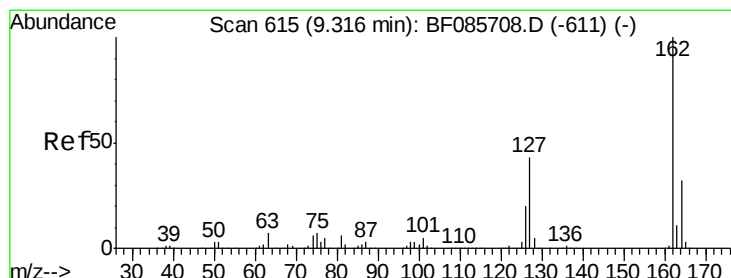
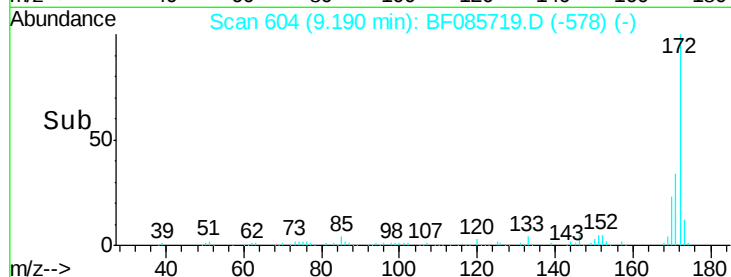
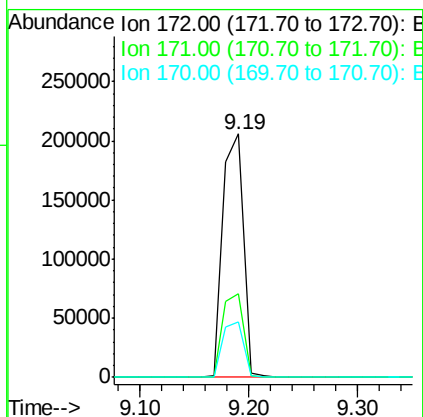
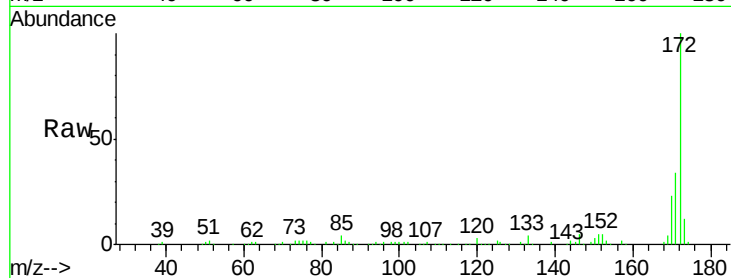




#44
 2-Fluorobiphenyl
 Concen: 23.23 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

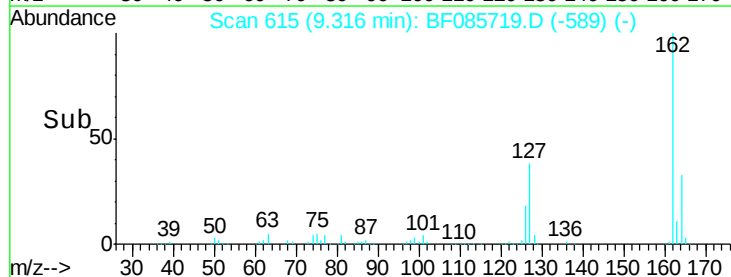
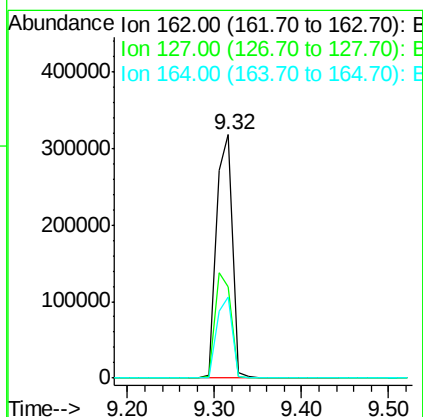
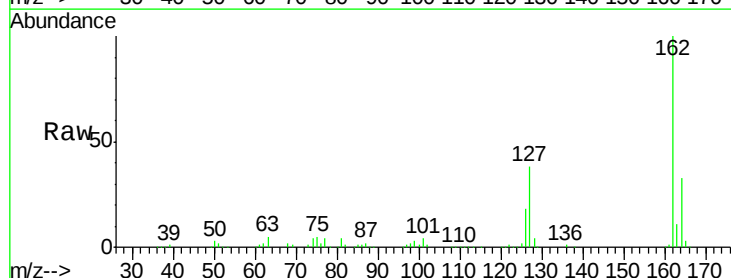
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

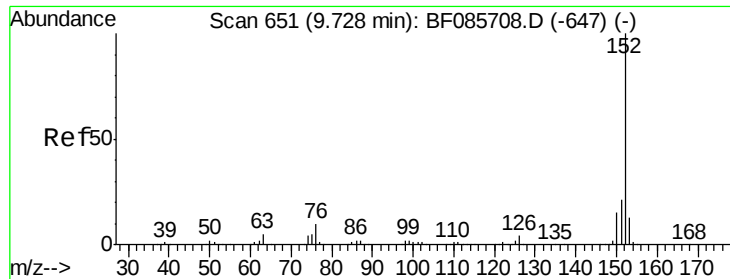
Tgt Ion:172 Resp: 271899
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.4 44.2
 170 22.7 19.8 29.6



#46
 2-Chloronaphthalene
 Concen: 34.39 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Tgt Ion:162 Resp: 417193
 Ion Ratio Lower Upper
 162 100
 127 37.7 31.7 47.5
 164 33.3 27.3 40.9

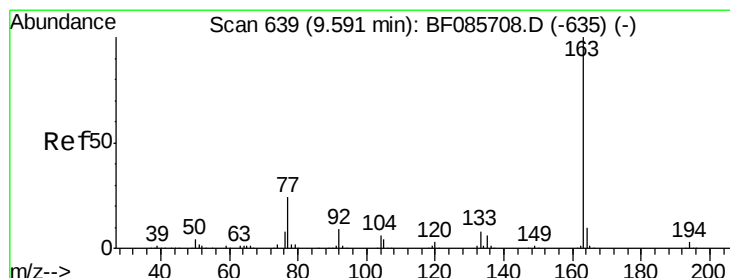
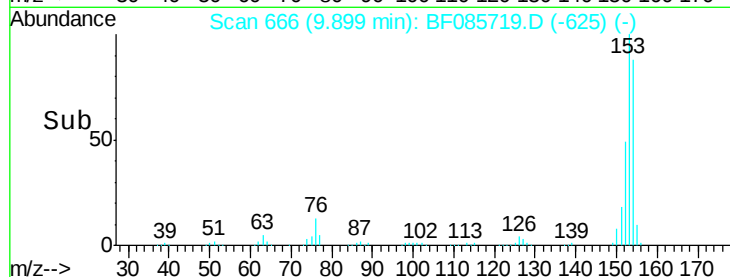
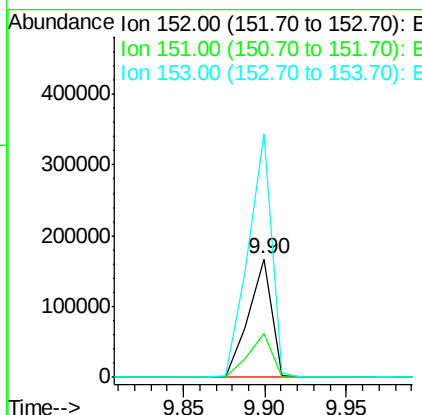
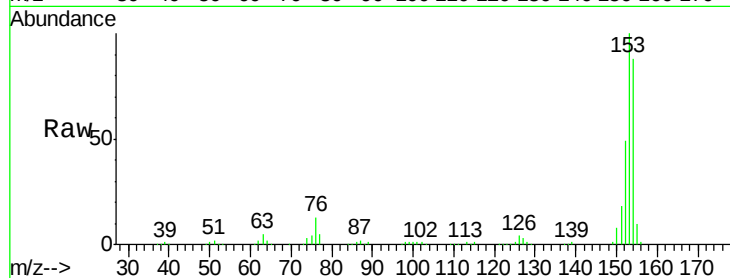




#48
Acenaphthylene
Concen: 8.38 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF085719.D
Acq: 24 Mar 2016 17:48

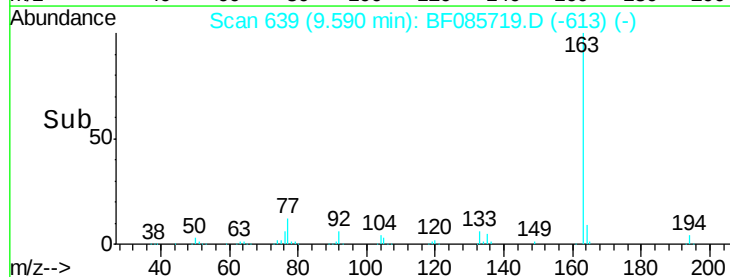
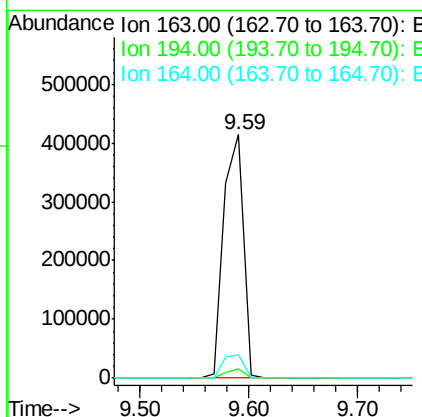
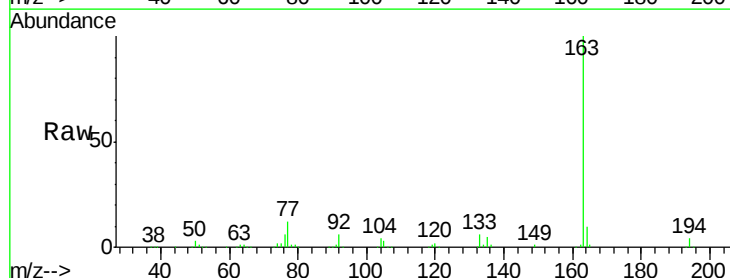
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

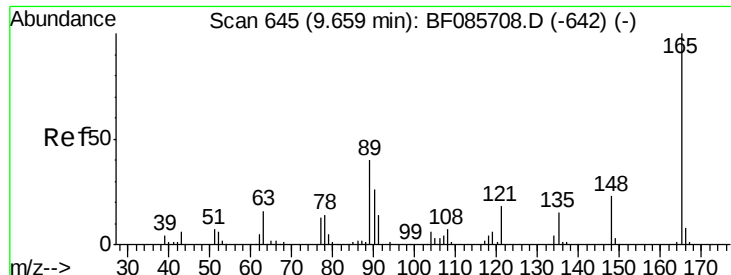
Tgt Ion:152 Resp: 165737
Ion Ratio Lower Upper
152 100
151 36.9 16.8 25.2#
153 205.4 10.9 16.3#



#49
Dimethylphthalate
Concen: 35.18 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085719.D
Acq: 24 Mar 2016 17:48

Tgt Ion:163 Resp: 521858
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 9.5 8.3 12.5

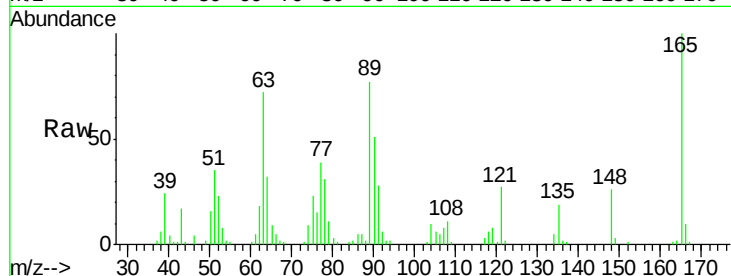




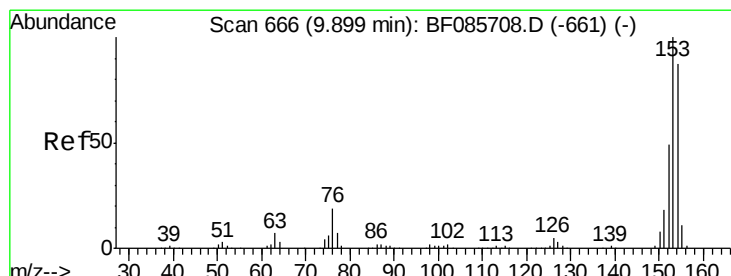
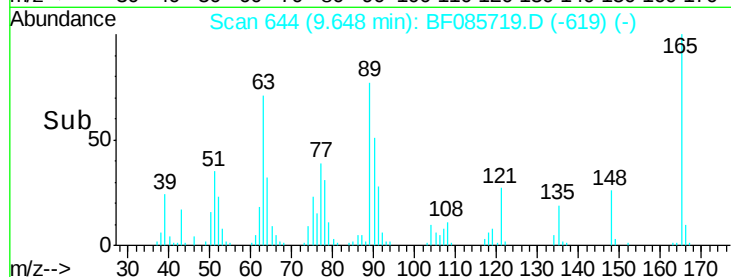
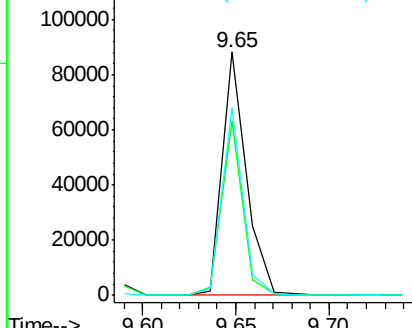
#50
2,6-Dinitrotoluene
Concen: 25.08 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085719.D
Acq: 24 Mar 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:165 Resp: 80076
Ion Ratio Lower Upper
165 100
63 71.8 51.8 77.8
89 76.7 53.7 80.5

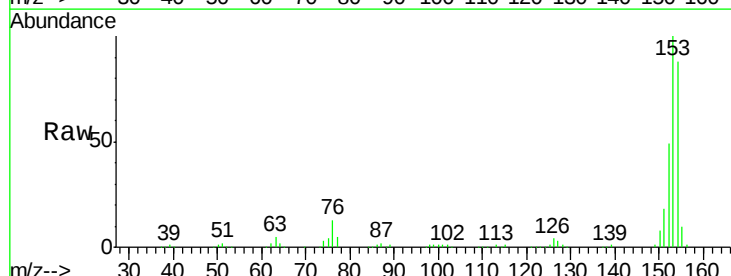


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

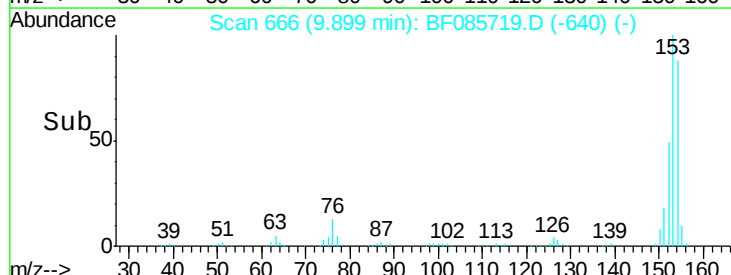
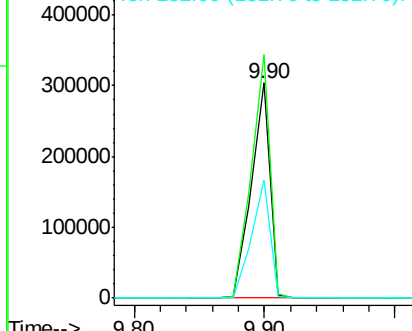


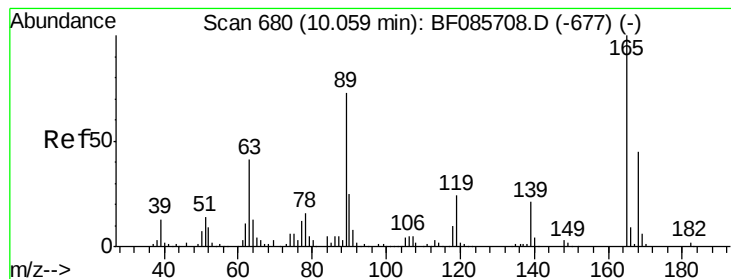
#51
Acenaphthene
Concen: 25.06 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF085719.D
Acq: 24 Mar 2016 17:48

Tgt Ion:154 Resp: 302615
Ion Ratio Lower Upper
154 100
153 113.1 90.1 135.1
152 55.0 44.2 66.2



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: 10.49 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

Tgt Ion:165 Resp: 42588

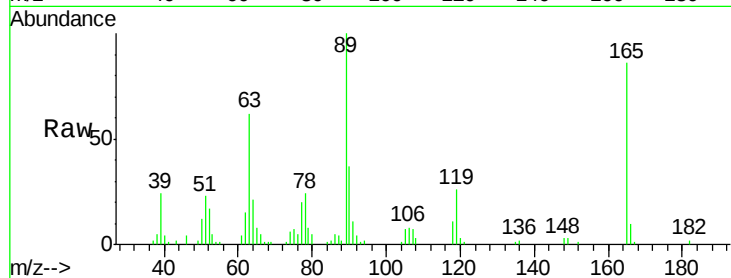
Ion Ratio Lower Upper

165 100

63 72.2 24.9 37.3#

89 116.8 41.0 61.6#

182 2.0 2.1 3.1#

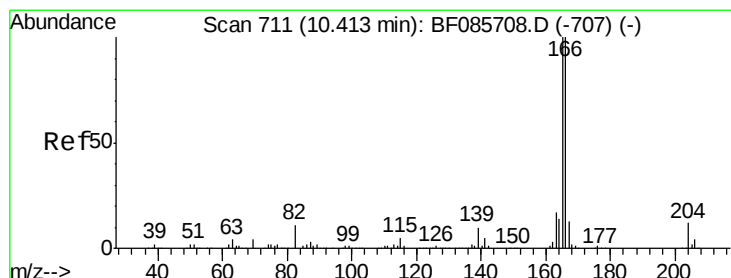
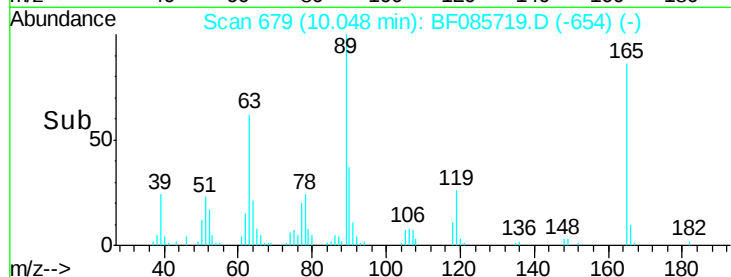
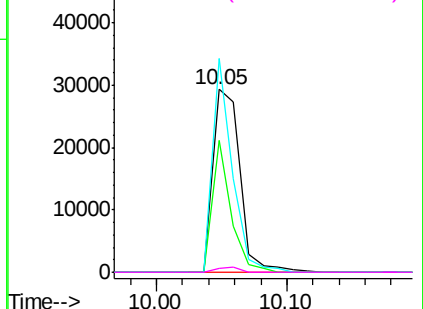


Abundance Ion 165.00 (164.70 to 165.70): E

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: 27.82 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

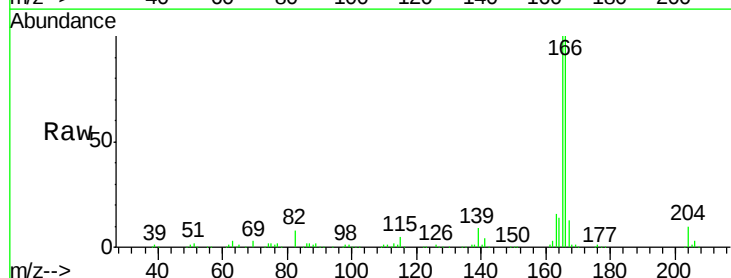
Tgt Ion:166 Resp: 361358

Ion Ratio Lower Upper

166 100

165 99.8 79.4 119.0

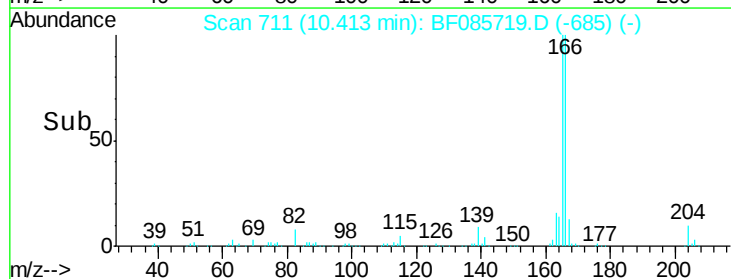
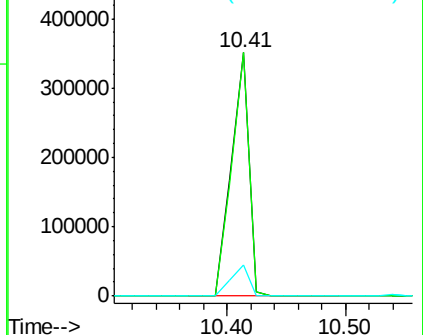
167 12.8 11.0 16.4

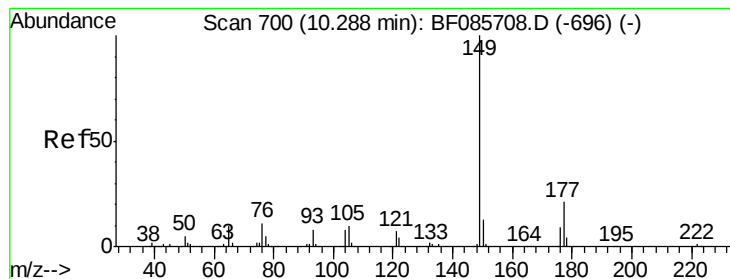


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 20.23 ng

RT: 10.28 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

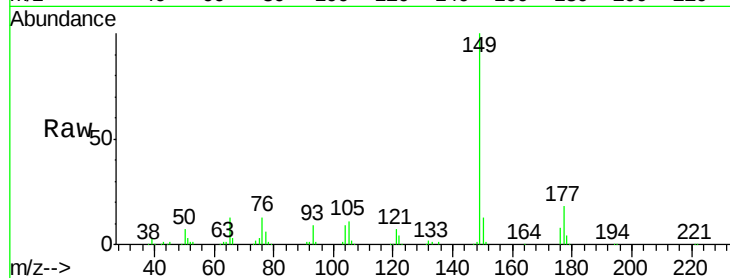
Tgt Ion:149 Resp: 296480

Ion Ratio Lower Upper

149 100

177 18.3 17.9 26.9

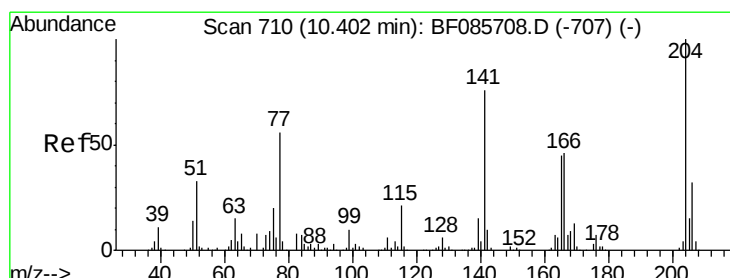
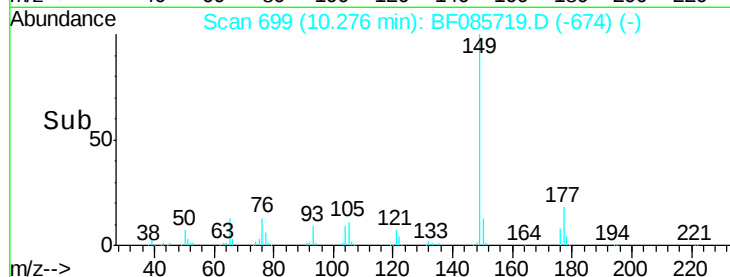
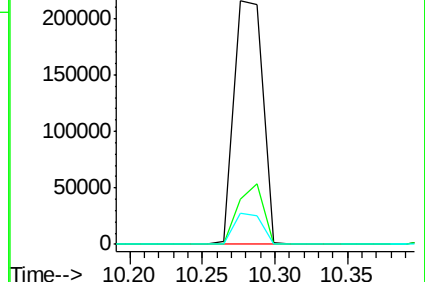
150 12.7 10.2 15.2



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: 25.95 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

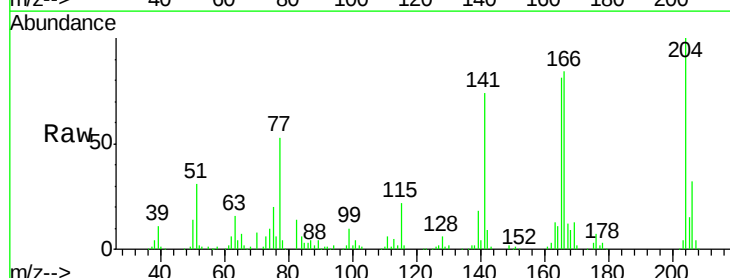
Tgt Ion:204 Resp: 164840

Ion Ratio Lower Upper

204 100

206 32.5 26.6 39.8

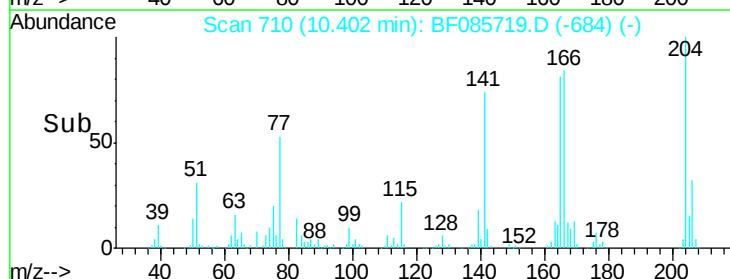
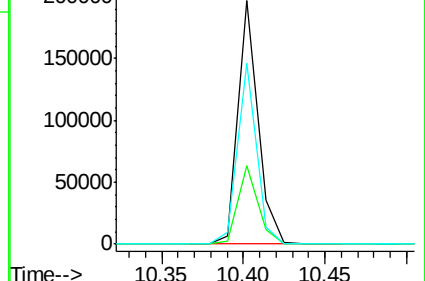
141 74.2 57.4 86.0

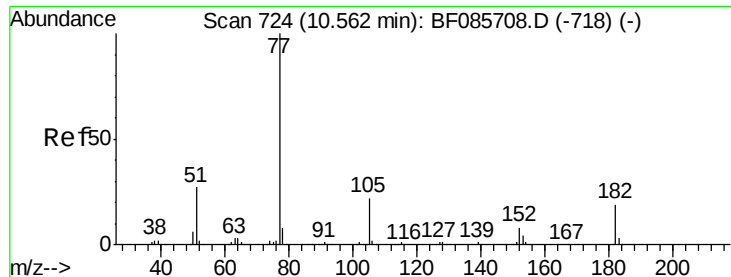


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

Azobenzene

Concen: 5.90 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.16 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

Tgt Ion: 77 Resp: 83063

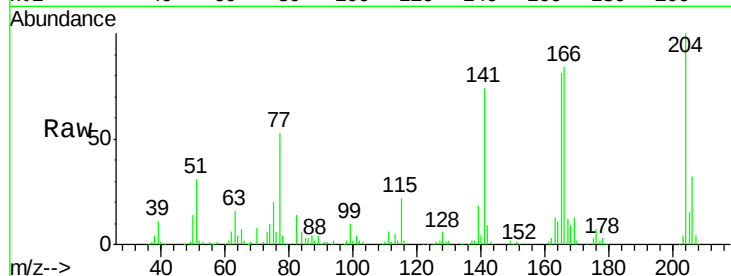
Ion Ratio Lower Upper

77 100

182 0.0 1.9 41.9#

105 0.0 3.5 43.5#

51 58.6 6.3 46.3#

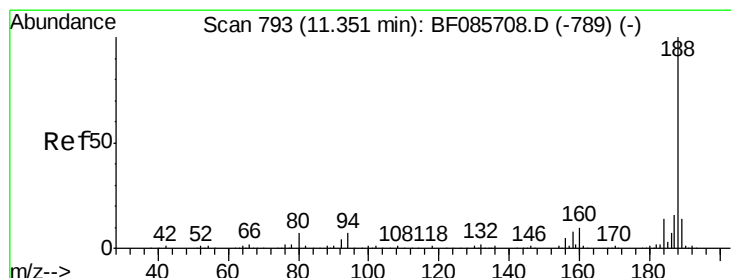
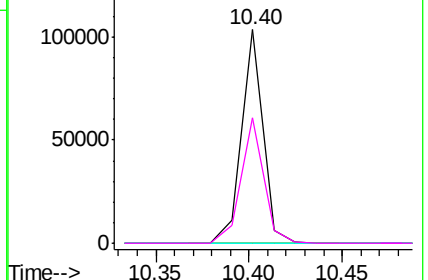
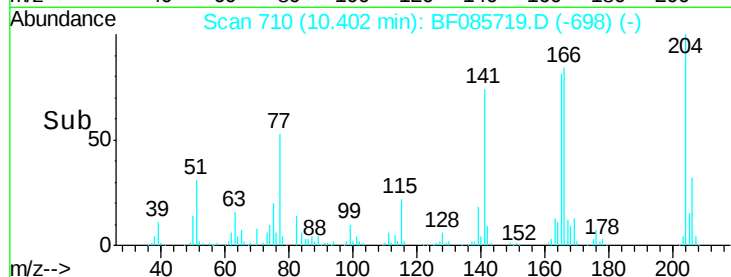


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

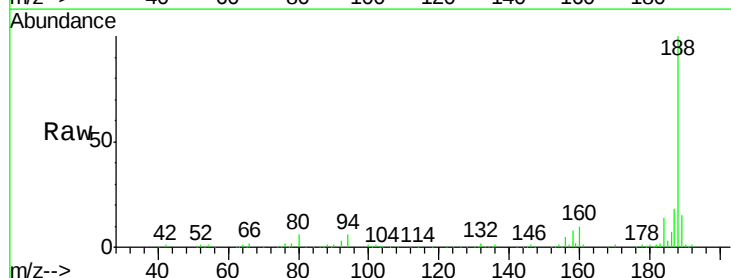
Tgt Ion: 188 Resp: 382466

Ion Ratio Lower Upper

188 100

94 6.0 5.4 8.0

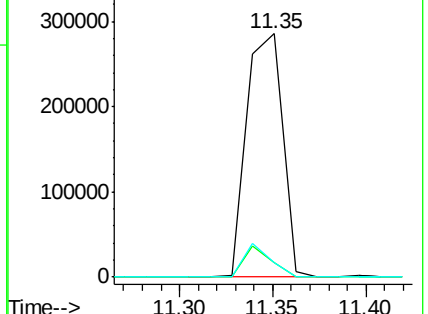
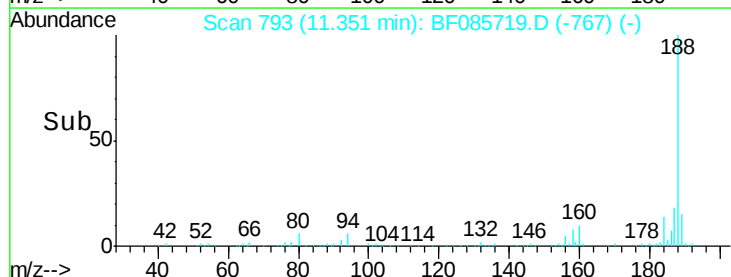
80 6.0 5.5 8.3

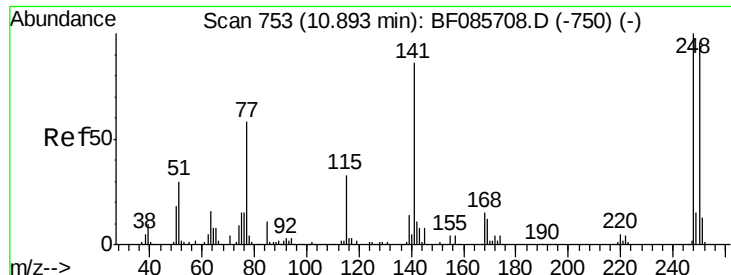


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

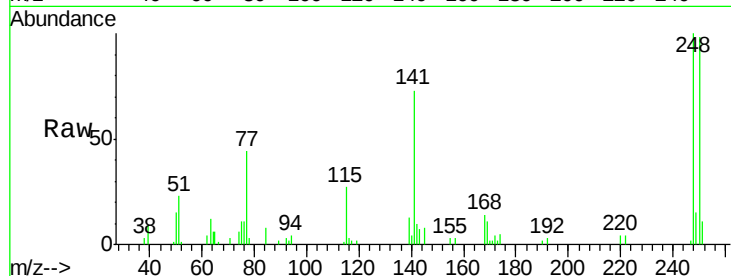




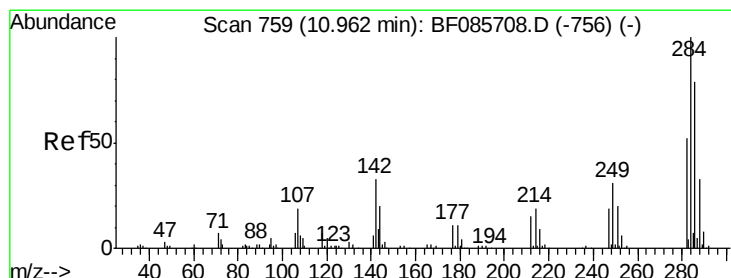
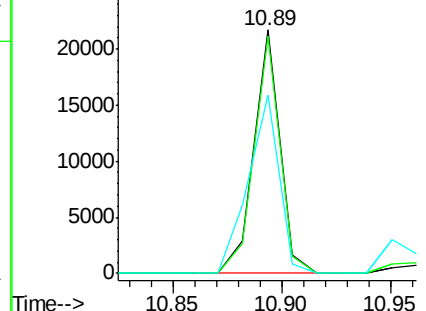
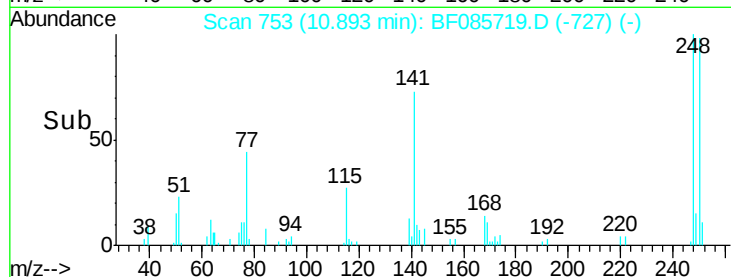
#66
 4-Bromophenyl-phenylether
 Concen: 4.60 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion:248 Resp: 17996
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.4 116.0
 141 73.1 63.6 95.4

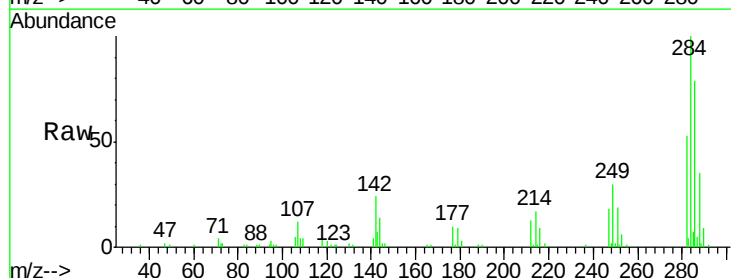


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

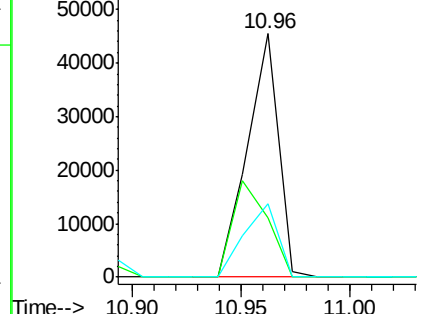
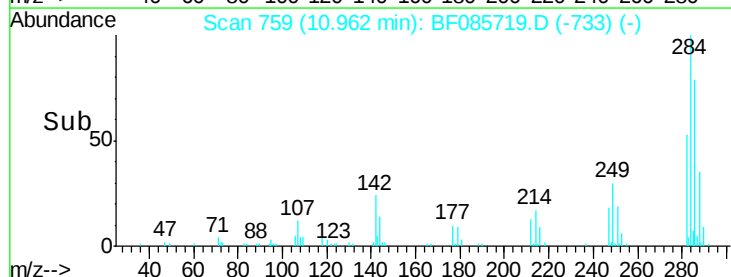


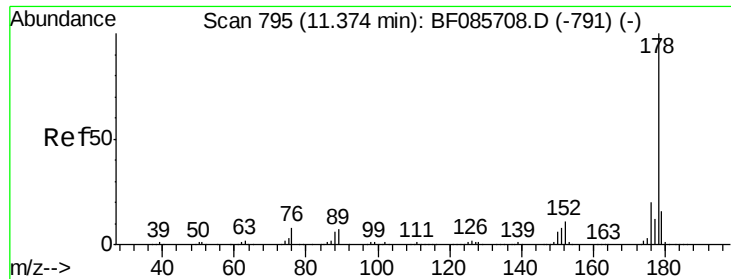
#67
 Hexachlorobenzene
 Concen: 11.03 ng
 RT: 10.96 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Tgt Ion:284 Resp: 45135
 Ion Ratio Lower Upper
 284 100
 142 24.3 23.1 34.7
 249 29.9 24.2 36.2



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

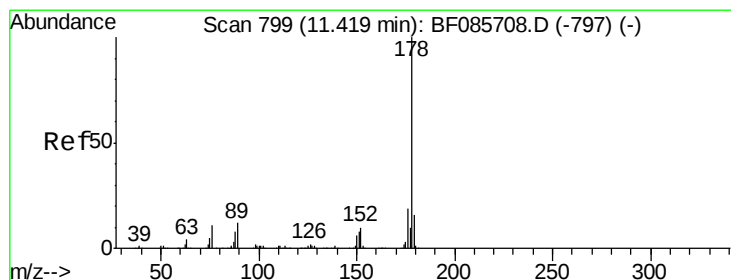
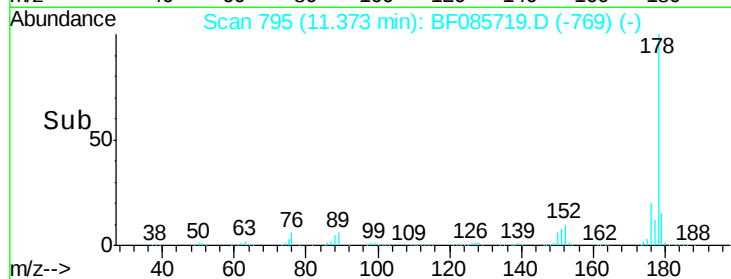
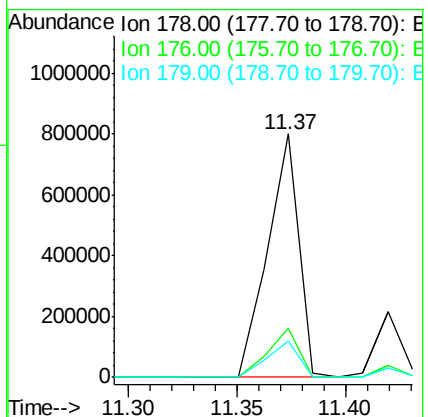
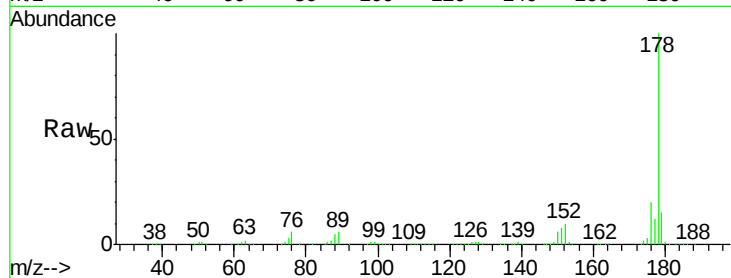




#70
Phenanthrene
Concen: 40.95 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF085719.D
Acq: 24 Mar 2016 17:48

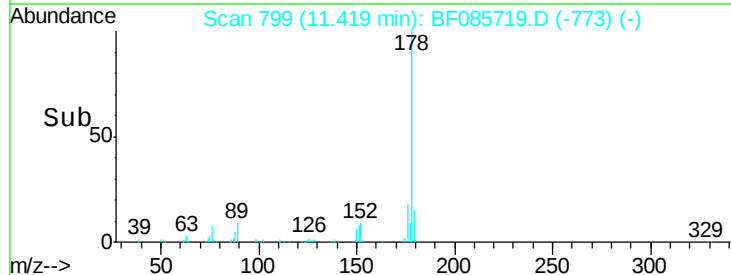
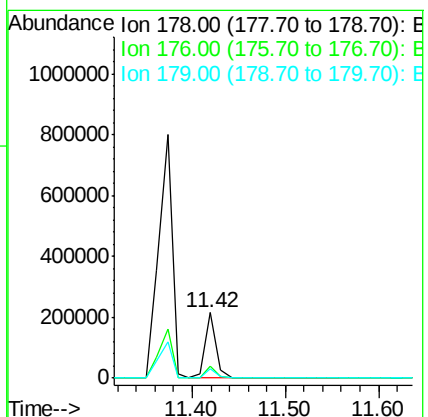
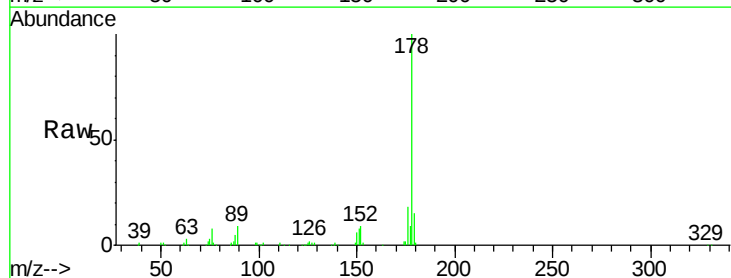
Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

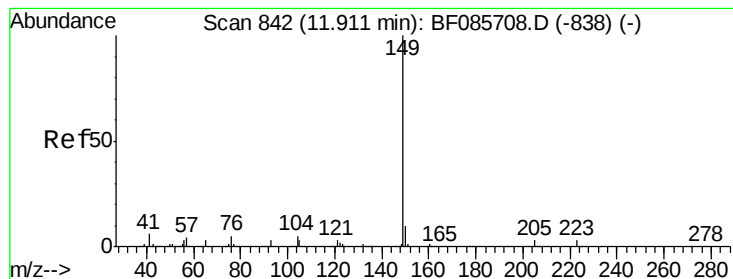
Tgt Ion:178 Resp: 804215
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 15.1 12.6 18.8



#71
Anthracene
Concen: 8.81 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF085719.D
Acq: 24 Mar 2016 17:48

Tgt Ion:178 Resp: 181689
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 15.1 13.0 19.4





#73

Di-n-butylphthalate

Concen: 21.69 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

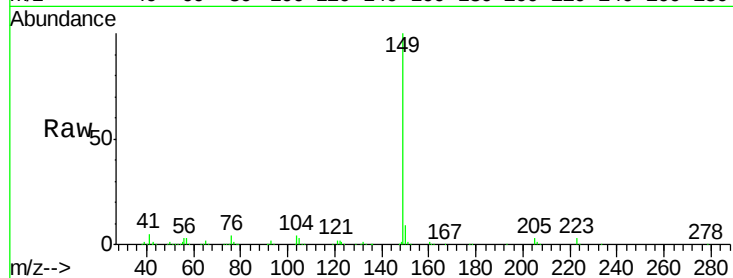
Tgt Ion:149 Resp: 515075

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

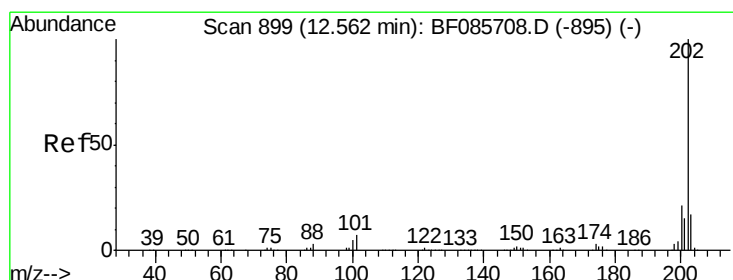
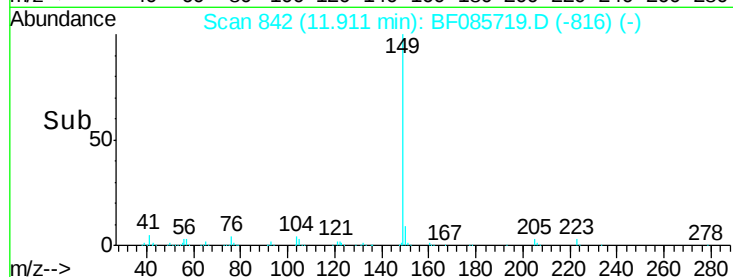
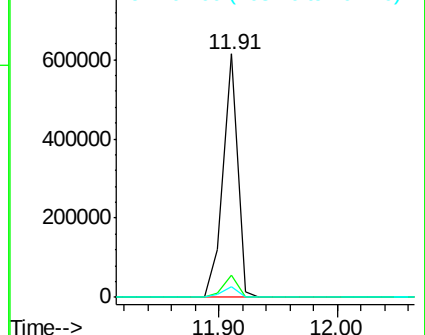
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 18.10 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

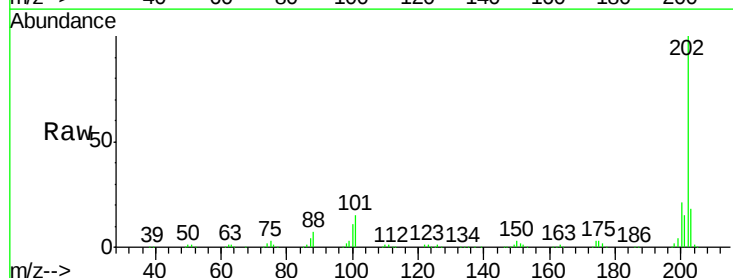
Tgt Ion:202 Resp: 377898

Ion Ratio Lower Upper

202 100

101 14.9 0.0 36.6

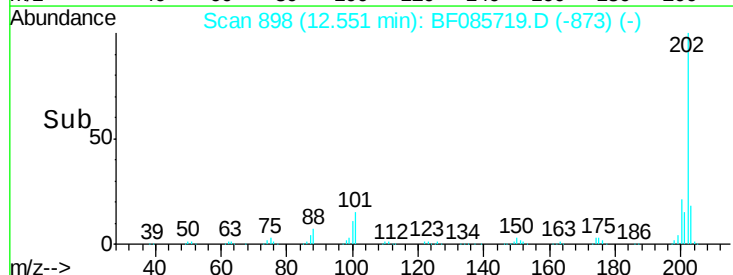
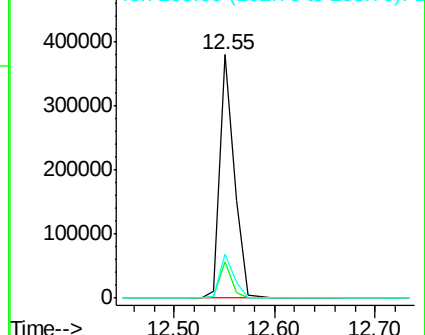
203 17.9 0.0 38.1

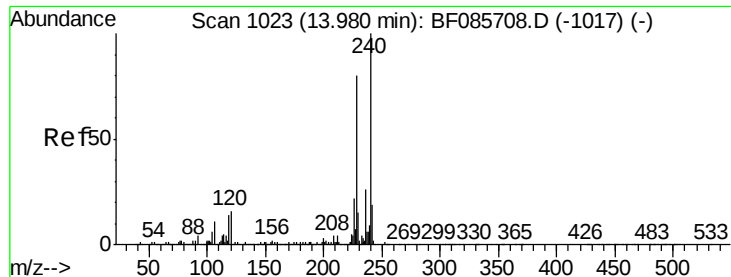


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

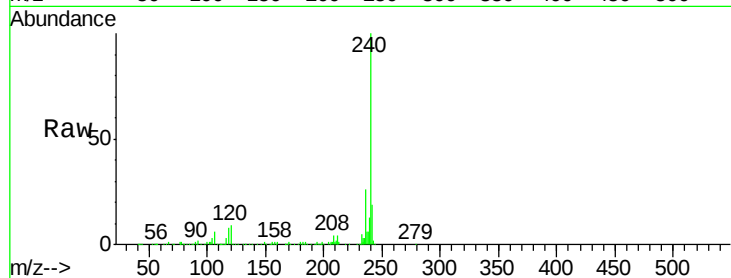
Tgt Ion:240 Resp: 296755

Ion Ratio Lower Upper

240 100

120 9.2 13.8 20.8#

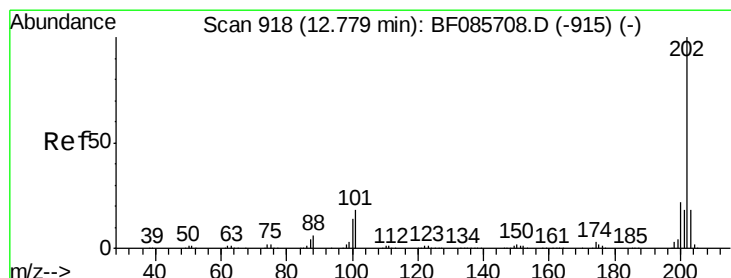
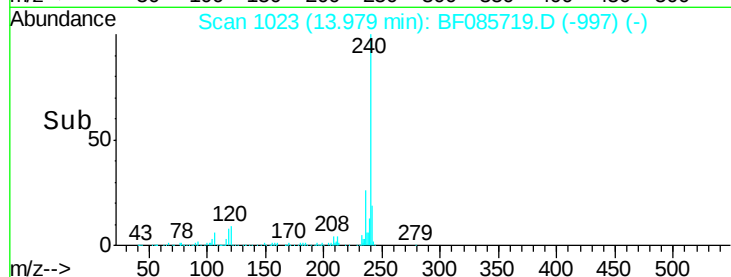
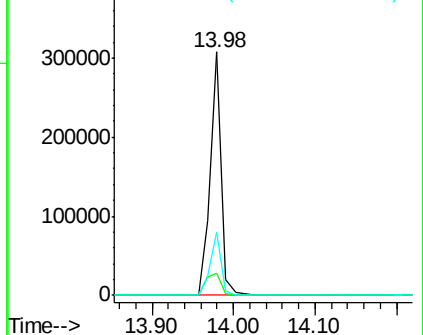
236 25.9 20.6 30.8



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: 15.49 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.23 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

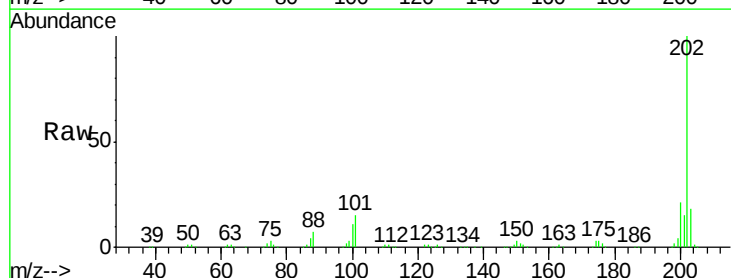
Tgt Ion:202 Resp: 377898

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

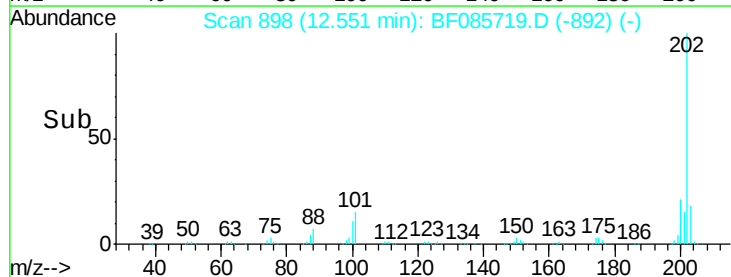
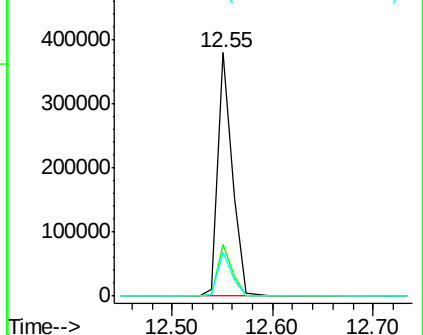
203 17.9 14.0 21.0

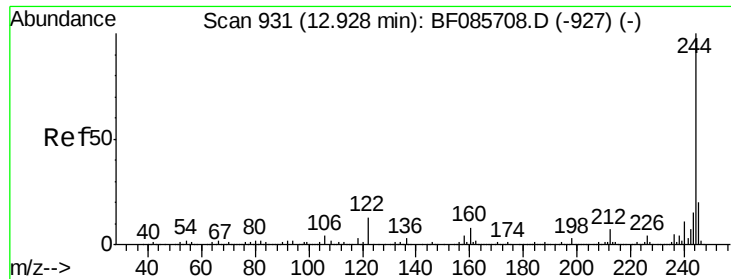


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 20.18 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PT-BN-WPDL

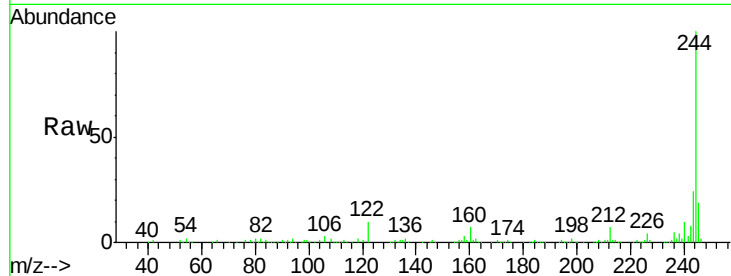
Tgt Ion:244 Resp: 291180

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

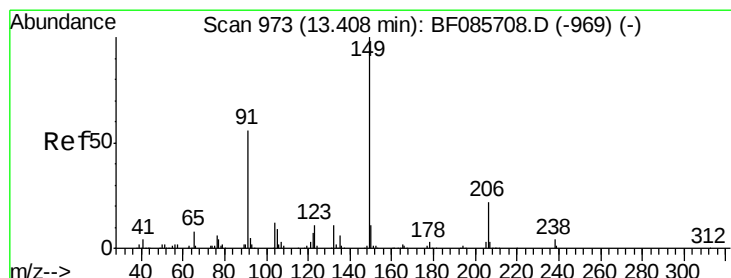
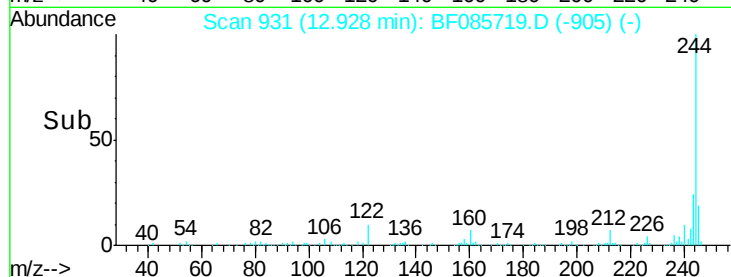
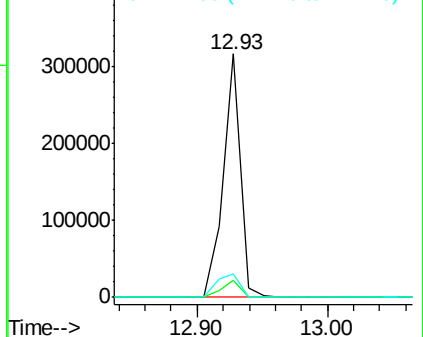
122 9.6 10.2 15.4#



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: 12.68 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF085719.D

Acq: 24 Mar 2016 17:48

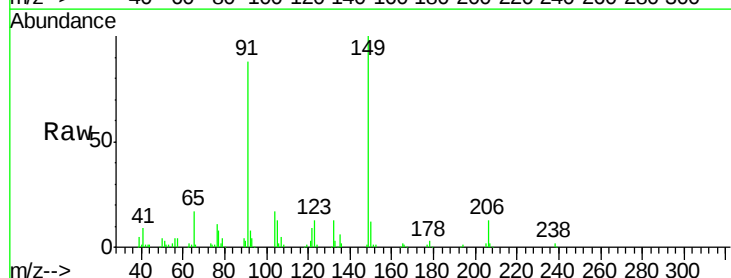
Tgt Ion:149 Resp: 129533

Ion Ratio Lower Upper

149 100

91 88.2 45.8 68.8#

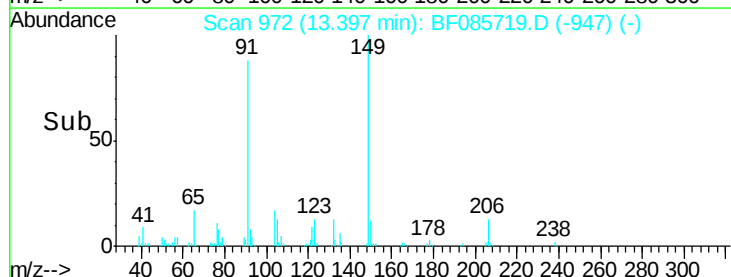
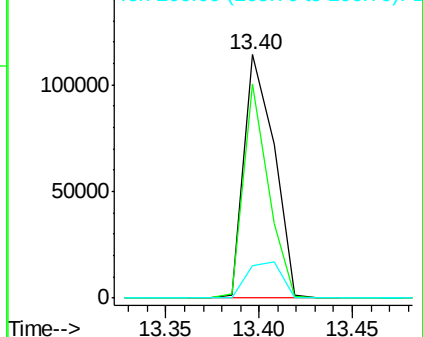
206 13.5 17.8 26.8#

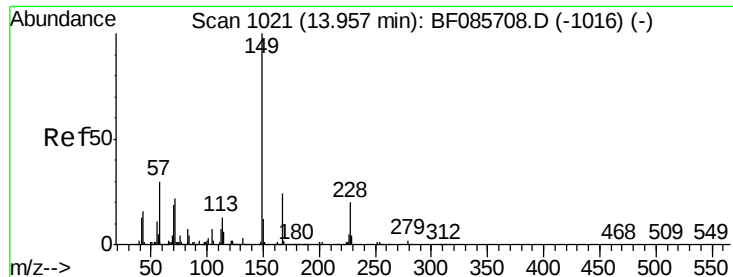


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

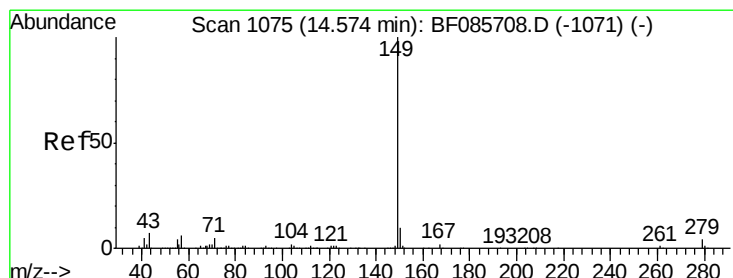
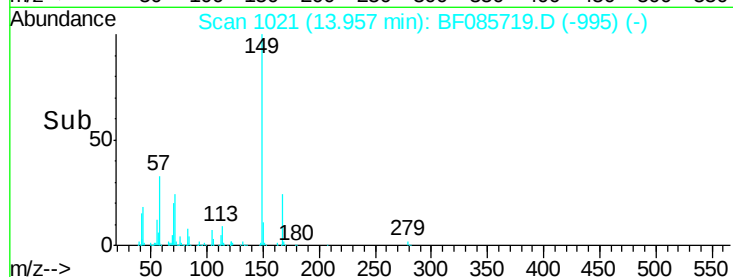
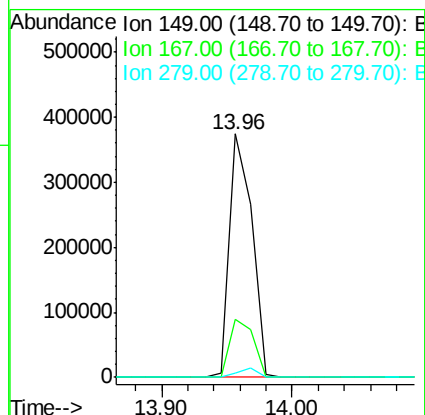
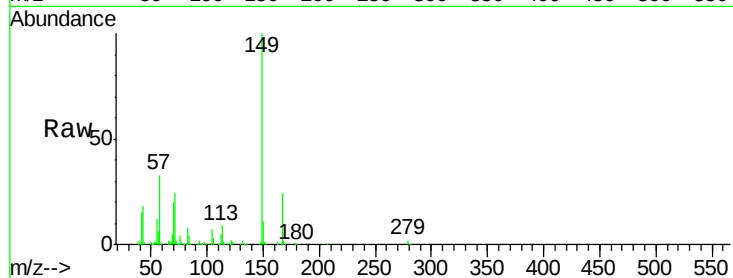




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.52 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

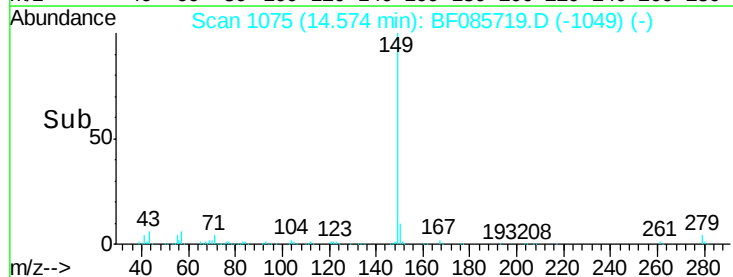
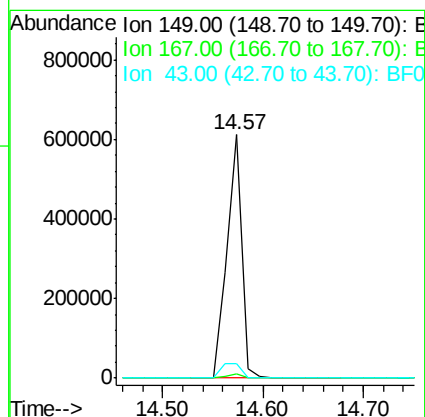
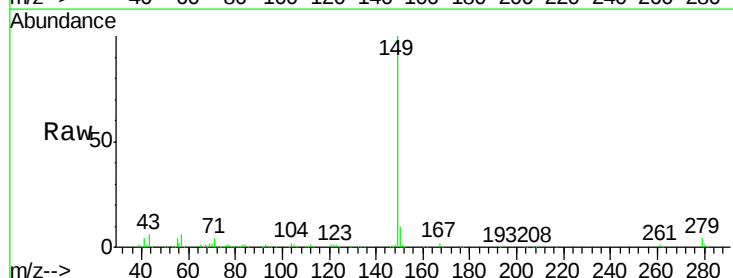
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

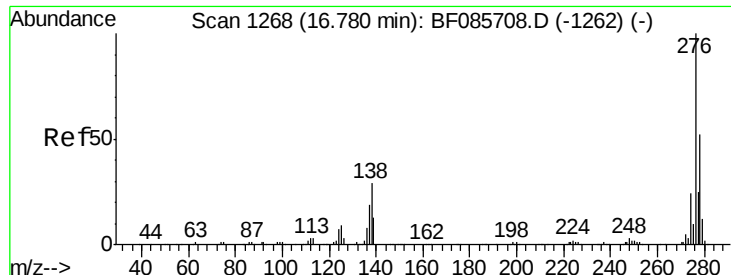
Tgt Ion:149 Resp: 446692
 Ion Ratio Lower Upper
 149 100
 167 23.9 19.4 29.2
 279 1.7 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 34.26 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Tgt Ion:149 Resp: 623153
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.4 7.1 10.7

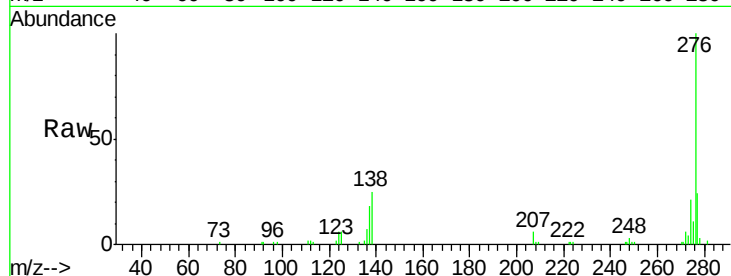




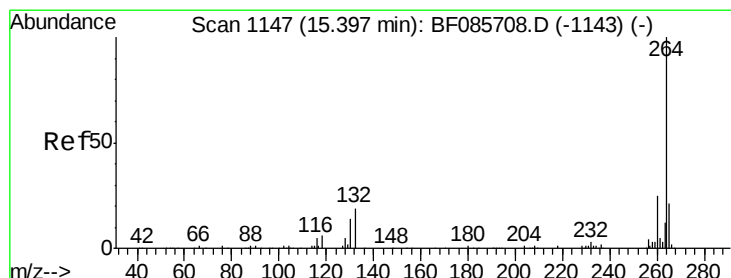
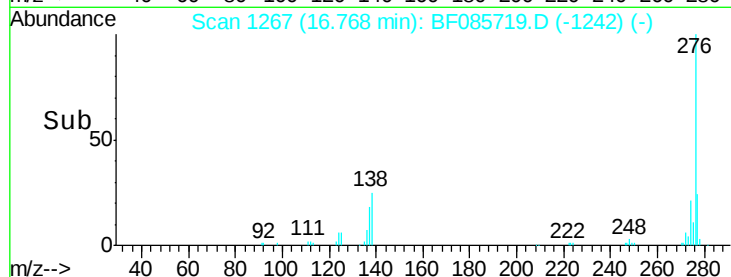
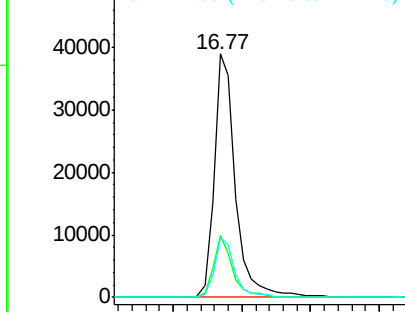
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.42 ng
 RT: 16.77 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WPDL

Tgt Ion:276 Resp: 84525
 Ion Ratio Lower Upper
 276 100
 138 22.4 24.2 36.4#
 277 23.2 20.0 30.0

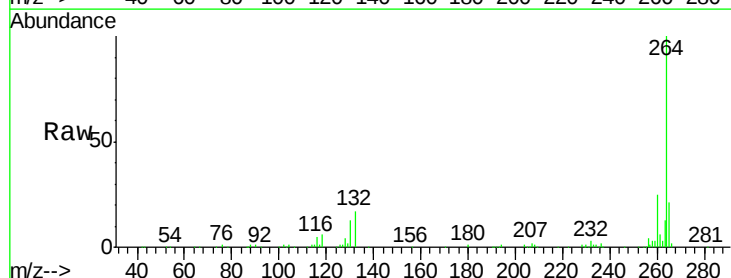


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

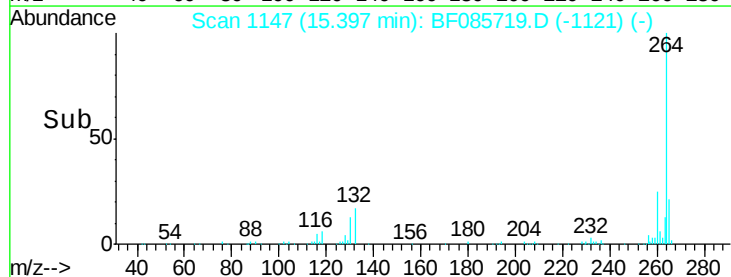
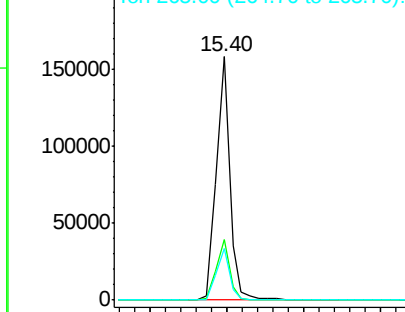


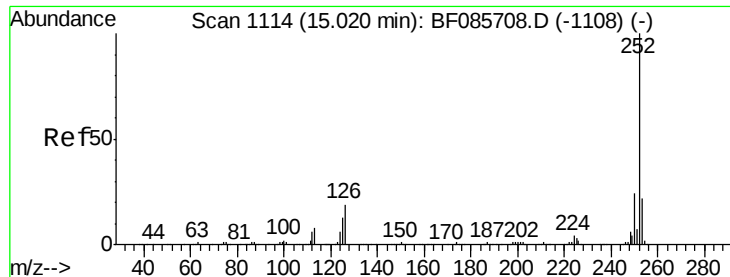
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085719.D
 Acq: 24 Mar 2016 17:48

Tgt Ion:264 Resp: 194414
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 21.1 17.2 25.8



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

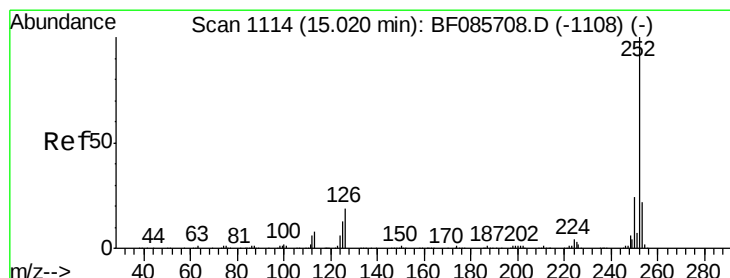
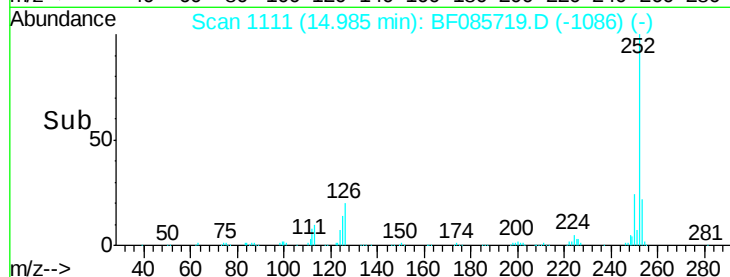
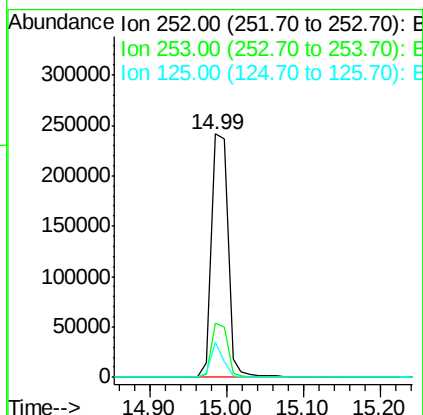
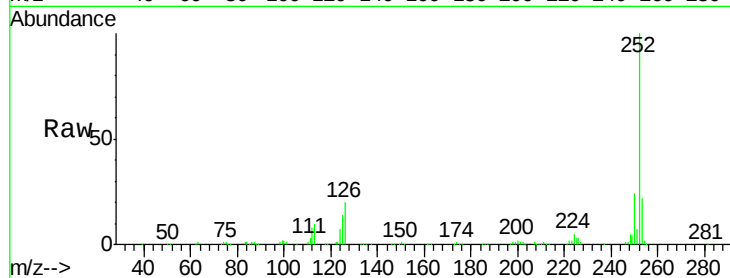




#87
Benzo(b)fluoranthene
Concen: 29.53 ng
RT: 14.99 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF085719.D
Acq: 24 Mar 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 361710
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 14.4 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 32.76 ng
RT: 14.99 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF085719.D
Acq: 24 Mar 2016 17:48

Tgt Ion:252 Resp: 361710
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 14.4 7.7 11.5#

