

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085752.D
 Acq On : 25 Mar 2016 9:54
 Operator : UM/SJ
 Sample : H1739-06DL 5X
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Mar 25 14:31:02 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

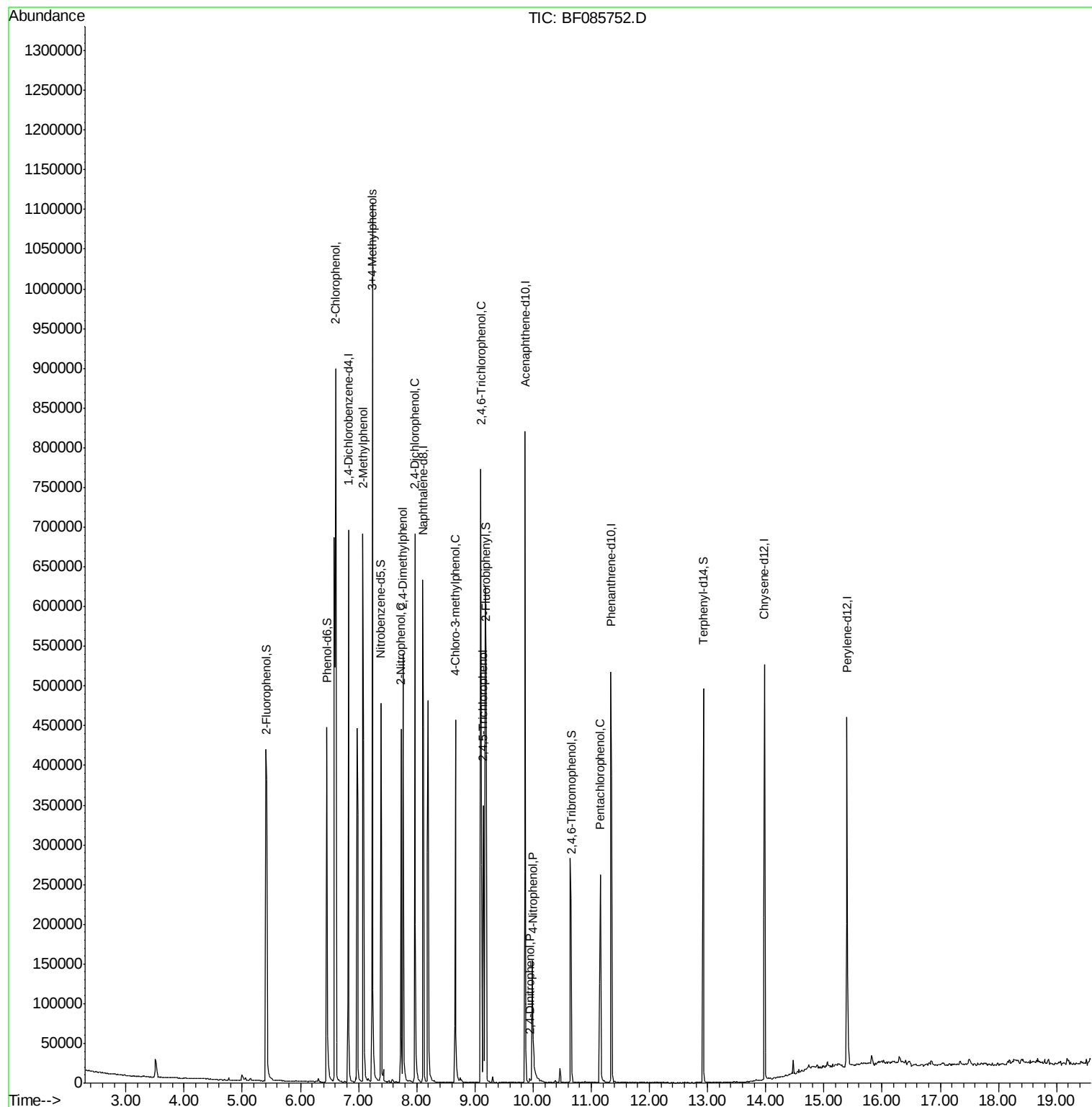
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	100867	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	380956	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	166707	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	253430	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	195149	20.00	ng	0.00
86) Perylene-d12	15.40	264	191466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	196877	32.51	ng	0.01
7) Phenol-d6	6.46	99	247278	32.11	ng	0.00
23) Nitrobenzene-d5	7.38	82	152347	22.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	41271	26.06	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	273276	27.39	ng	0.00
78) Terphenyl-d14	12.93	244	177667	18.72	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.61	128	239464	34.03	ng	98
17) 2-Methylphenol	7.08	107	160854	28.55	ng	97
20) 3+4-Methylphenols	7.24	107	281322	41.53	ng	# 53
26) 2-Nitrophenol	7.73	139	79714	22.85	ng	95
27) 2,4-Dimethylphenol	7.76	122	137181	22.50	ng	97
29) 2,4-Dichlorophenol	7.97	162	141913	27.68	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	99926	16.69	ng	93
42) 2,4,6-Trichlorophenol	9.10	196	101871	30.51	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	66676	19.04	ng	# 94
53) 2,4-Dinitrophenol	9.94	184	1958	7.35	ng	83
55) 4-Nitrophenol	9.99	139	51406	25.32	ng	97
69) Pentachlorophenol	11.16	266	35444	26.63	ng	98

(#) = 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: BF085752.D

Acq: 25 Mar 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

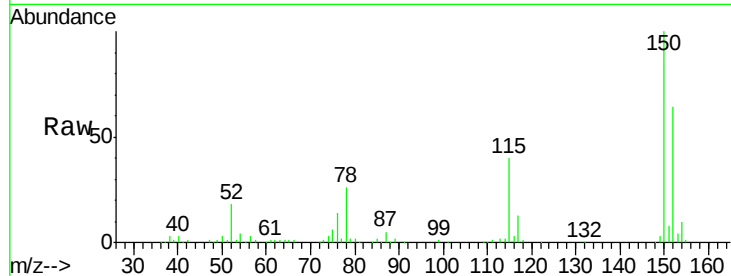
Tgt Ion:152 Resp: 100867

Ion Ratio Lower Upper

152 100

150 156.7 124.2 186.2

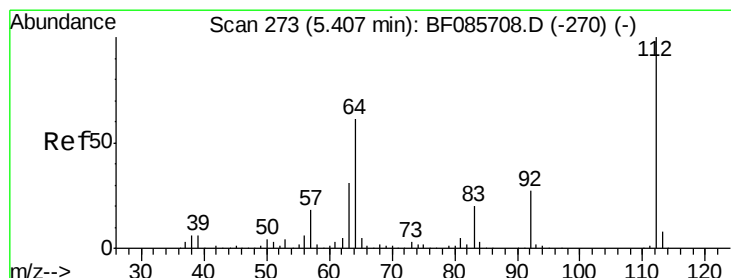
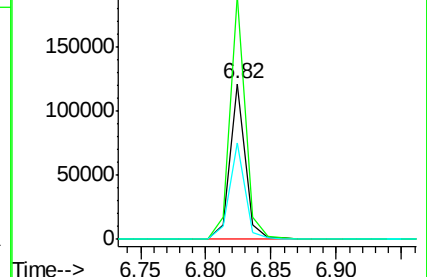
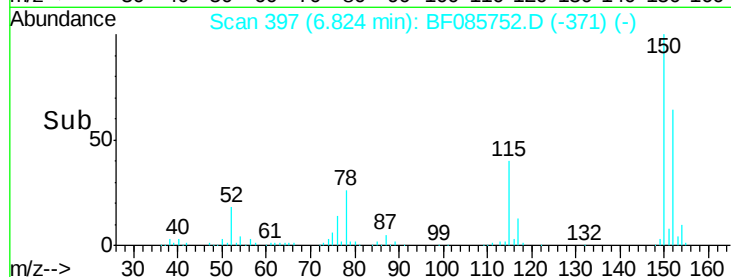
115 62.3 47.0 70.6



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



#5

2-Fluorophenol

Concen: 32.51 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085752.D

Acq: 25 Mar 2016 9:54

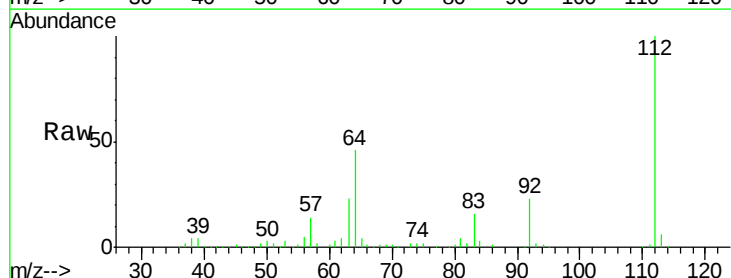
Tgt Ion:112 Resp: 196877

Ion Ratio Lower Upper

112 100

64 45.9 39.9 59.9

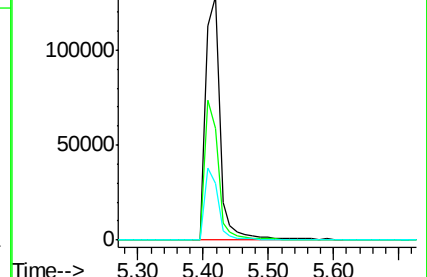
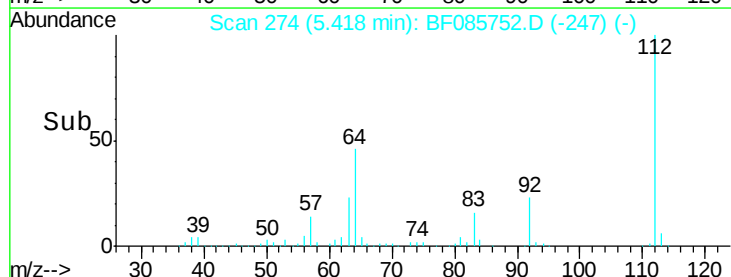
63 23.3 20.2 30.2

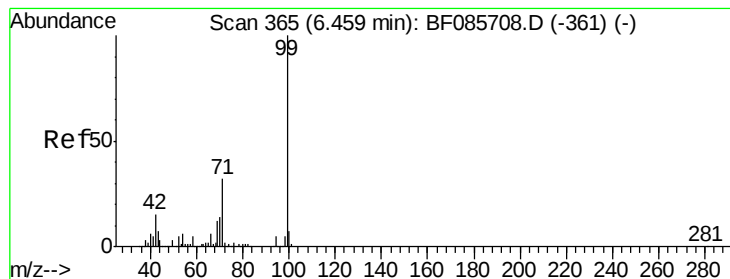


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.11 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085752.D

Acq: 25 Mar 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

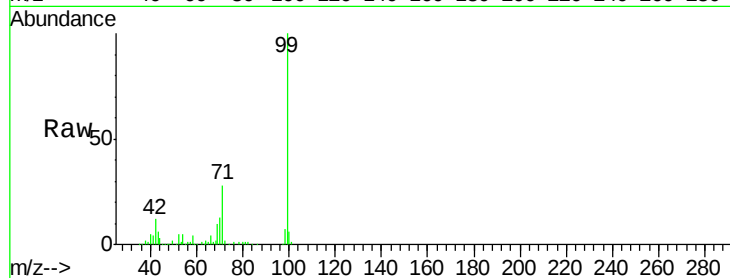
Tgt Ion: 99 Resp: 247278

Ion Ratio Lower Upper

99 100

42 12.4 11.1 16.7

71 27.6 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

250000

200000

150000

100000

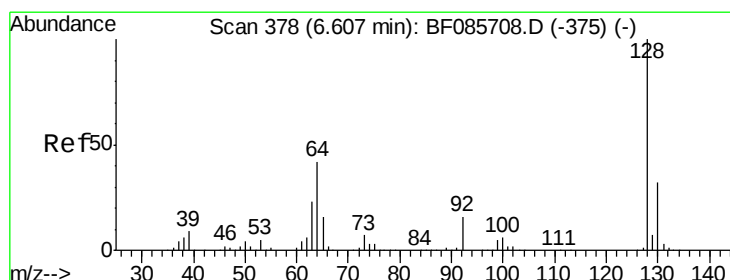
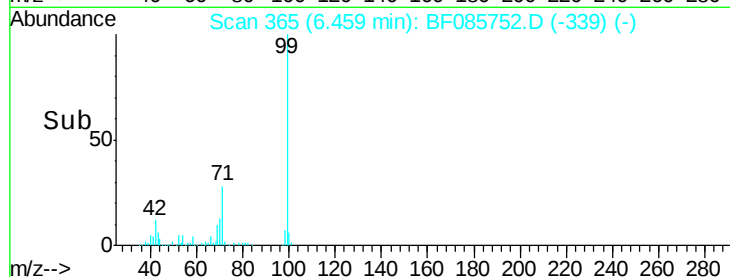
50000

0

6.40 6.50 6.60

6.46

Time-->



#8

2-Chlorophenol

Concen: 34.03 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085752.D

Acq: 25 Mar 2016 9:54

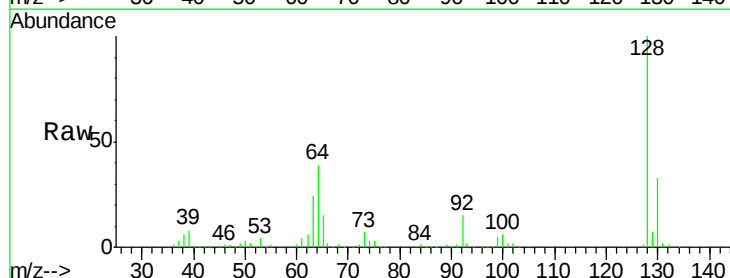
Tgt Ion: 128 Resp: 239464

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

64 38.6 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

300000

200000

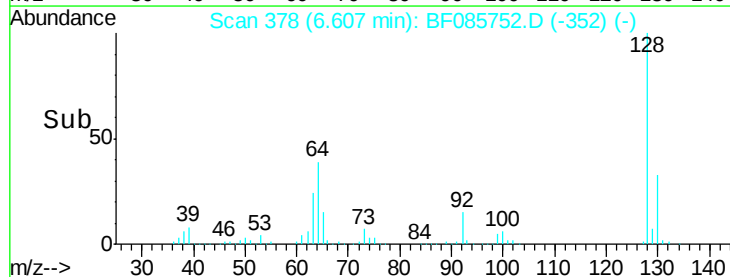
100000

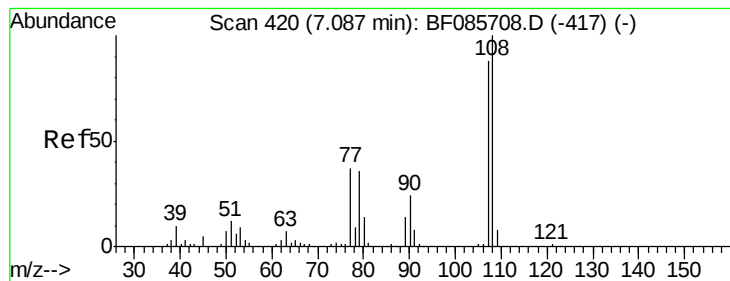
0

6.50 6.60 6.70

6.61

Time-->





#17

2-Methylphenol

Concen: 28.55 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF085752.D

Acq: 25 Mar 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion:107 Resp: 160854

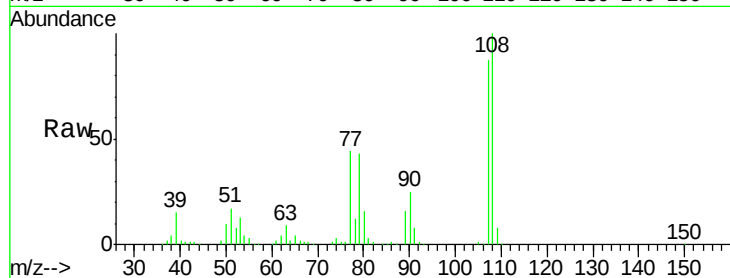
Ion Ratio Lower Upper

107 100

108 114.3 91.4 137.0

77 50.4 36.2 54.2

79 49.6 35.8 53.8

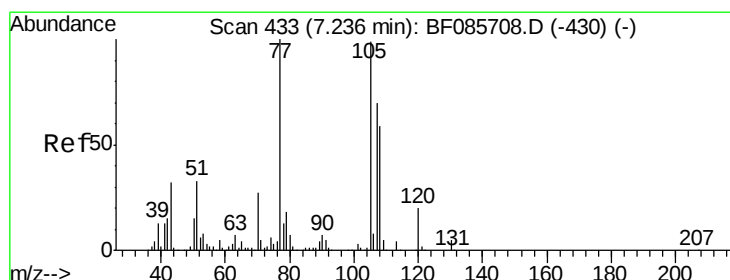
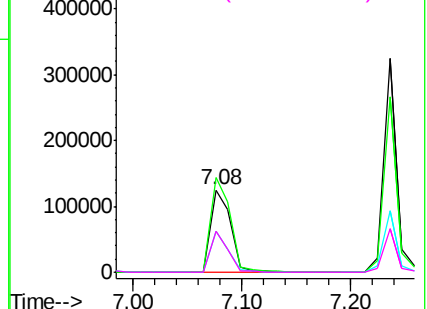
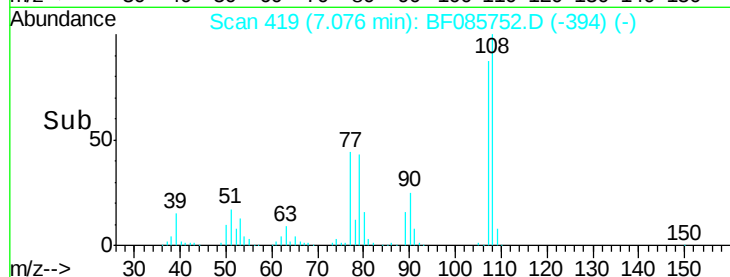


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#20

3+4-Methylphenols

Concen: 41.53 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085752.D

Acq: 25 Mar 2016 9:54

Tgt Ion:107 Resp: 281322

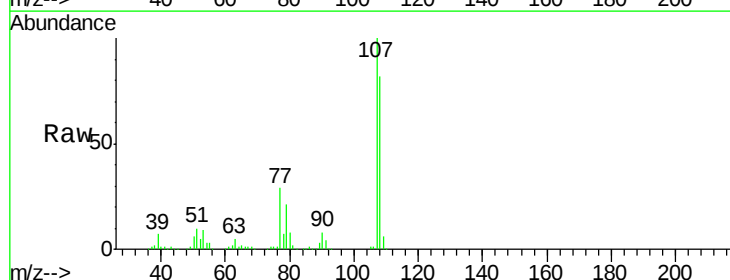
Ion Ratio Lower Upper

107 100

108 82.4 69.3 109.3

77 28.8 101.7 141.7#

79 20.6 8.3 48.3

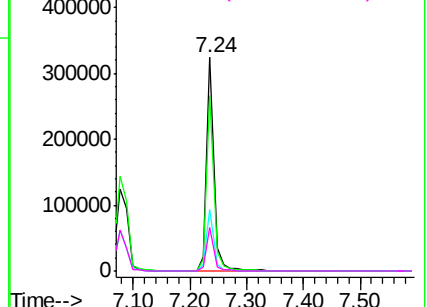
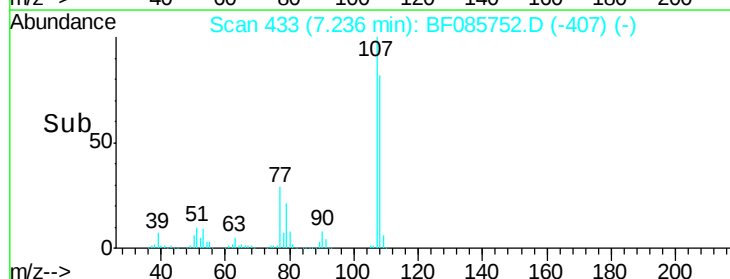


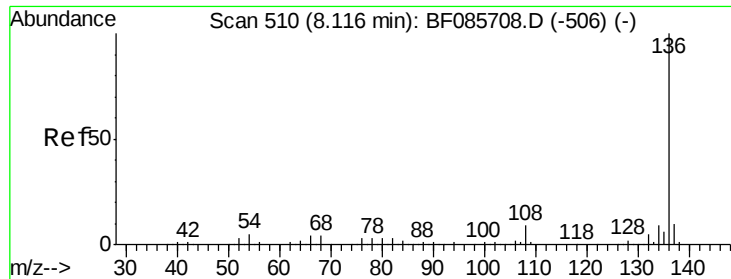
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

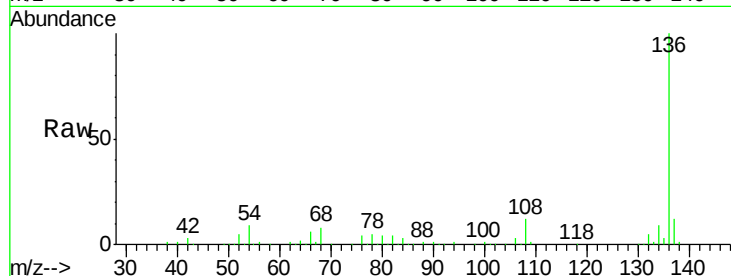




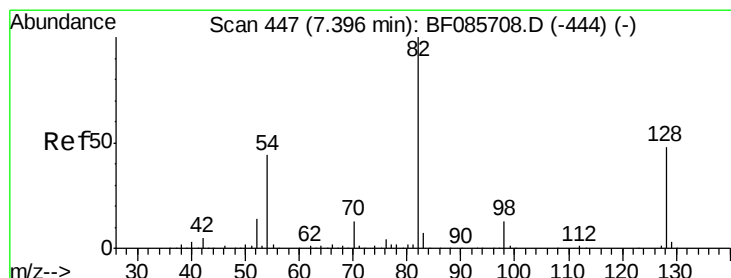
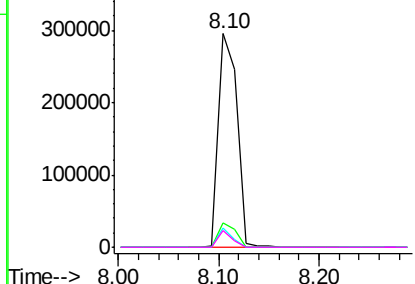
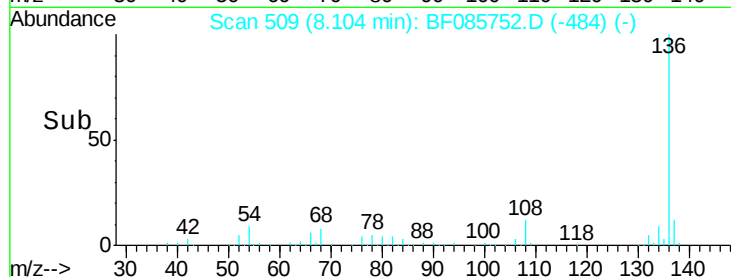
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085752.D
Acq: 25 Mar 2016 9:54

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:	136	Resp:	380956
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	9.3	7.4	11.0
68	7.6	5.8	8.8

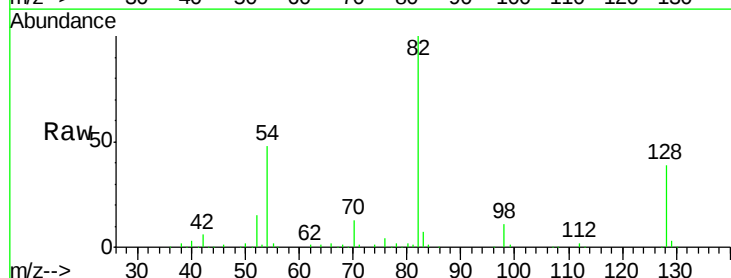


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

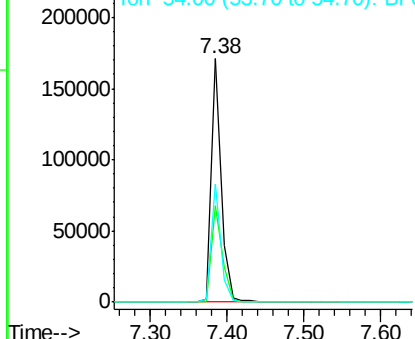
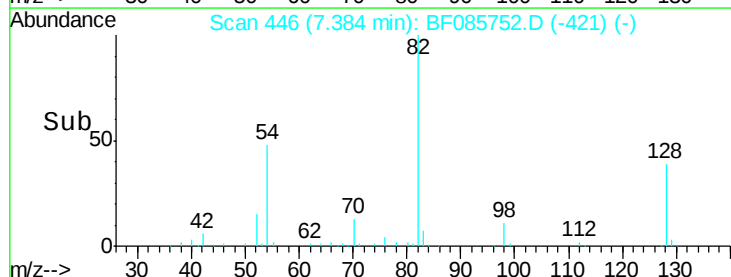


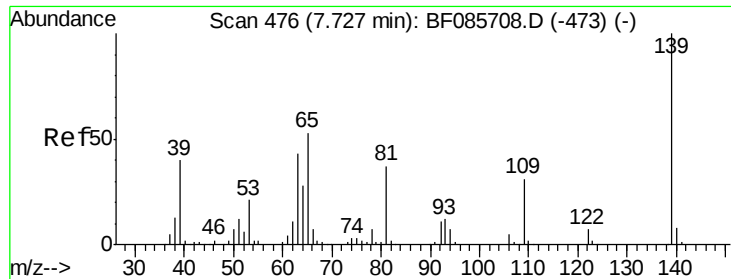
#23
Nitrobenzene-d5
Concen: 22.52 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085752.D
Acq: 25 Mar 2016 9:54

Tgt Ion:	82	Resp:	152347
Ion	Ratio	Lower	Upper
82	100		
128	39.4	41.8	62.8#
54	48.4	33.4	50.0



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





#26

2-Nitrophenol

Concen: 22.85 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085752.D

Acq: 25 Mar 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

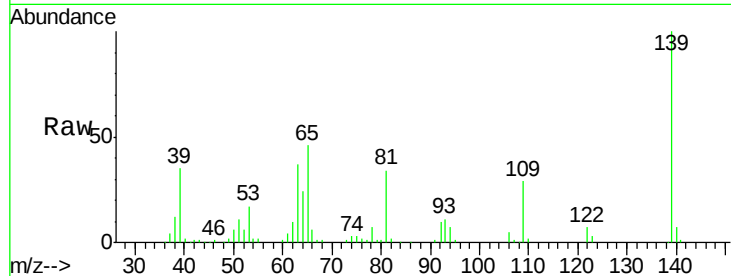
Tgt Ion:139 Resp: 79714

Ion Ratio Lower Upper

139 100

109 28.9 22.1 33.1

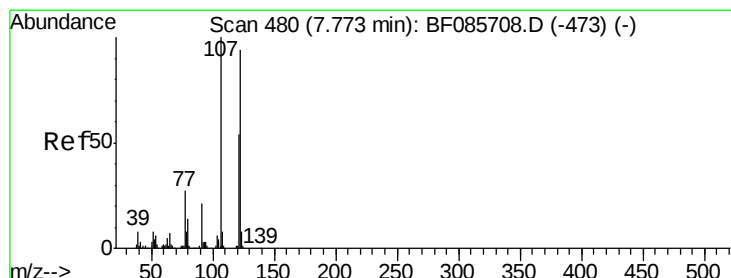
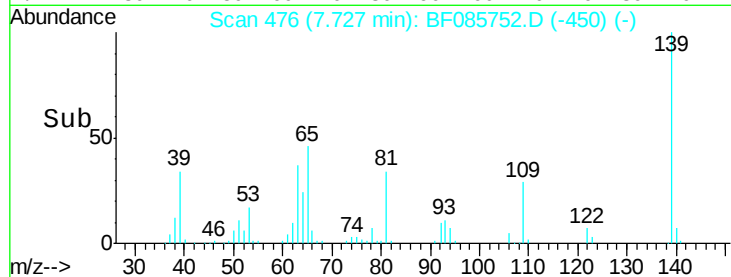
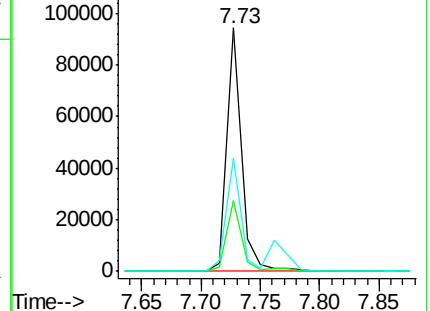
65 46.2 33.9 50.9



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



#27

2,4-Dimethylphenol

Concen: 22.50 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF085752.D

Acq: 25 Mar 2016 9:54

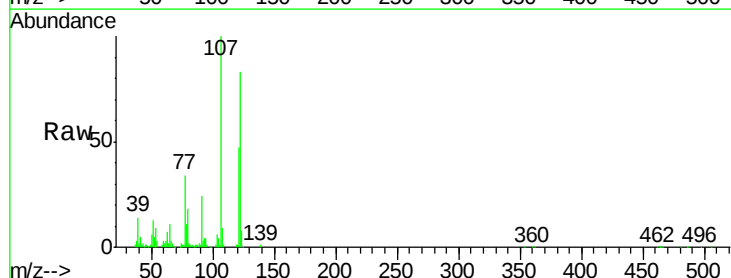
Tgt Ion:122 Resp: 137181

Ion Ratio Lower Upper

122 100

107 120.6 93.0 139.6

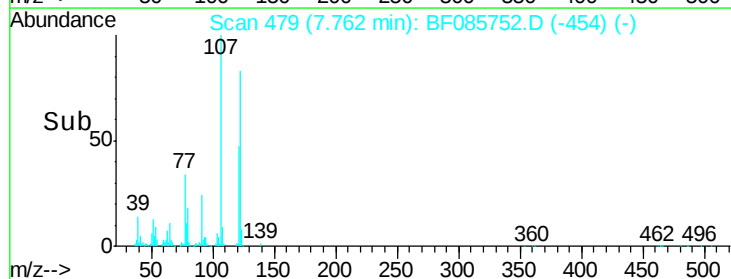
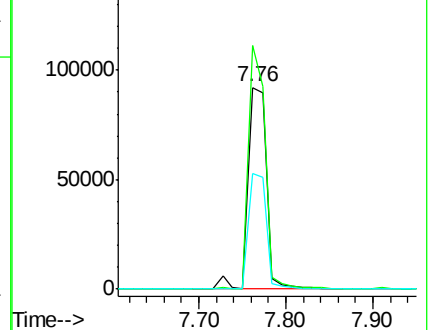
121 57.1 45.9 68.9

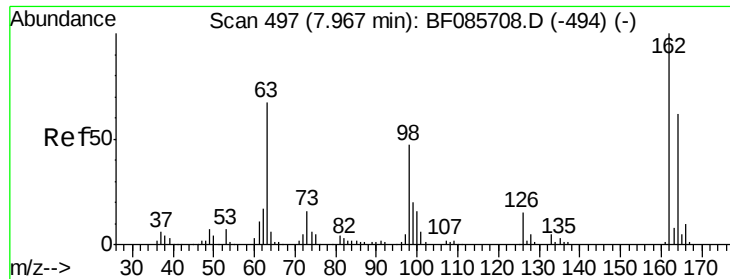


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

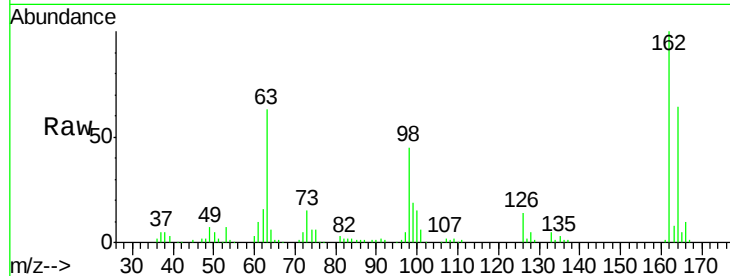




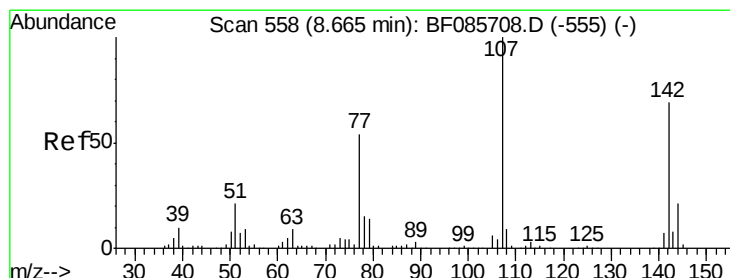
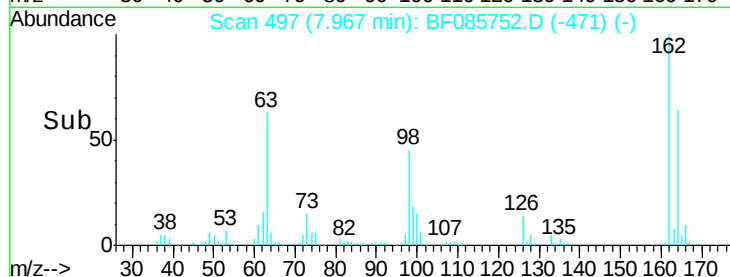
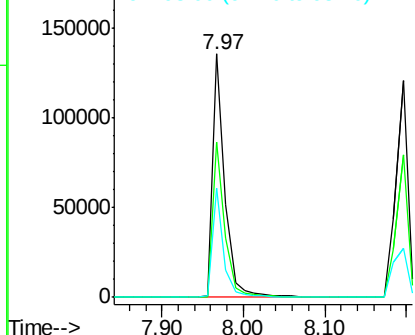
#29
 2,4-Dichlorophenol
 Concen: 27.68 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

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Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.7	83.7
98	45.0	20.4	60.4

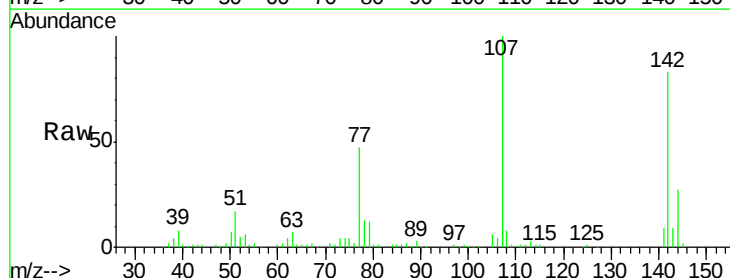


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

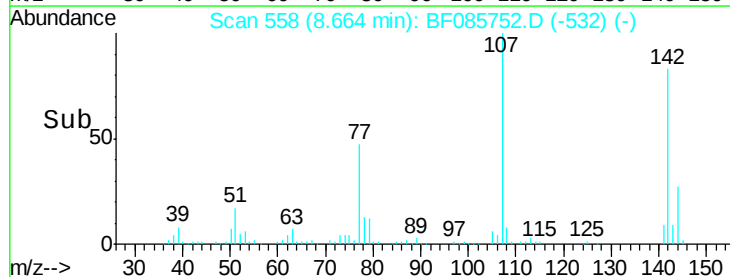
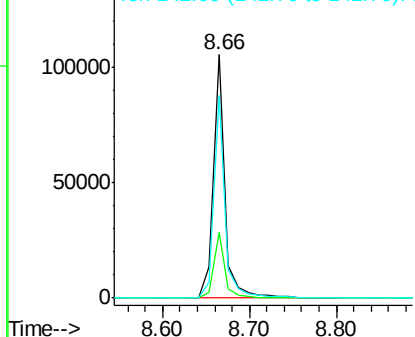


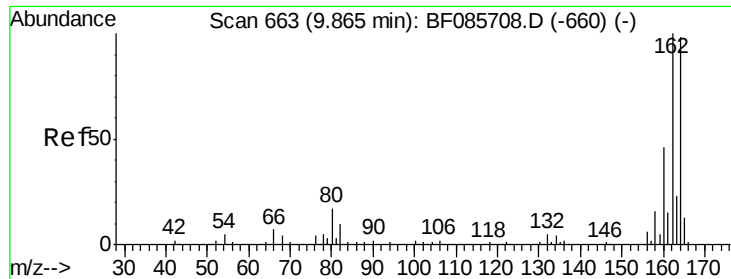
#36
 4-Chloro-3-methylphenol
 Concen: 16.69 ng
 RT: 8.66 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	19.3	28.9
142	83.5	61.4	92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

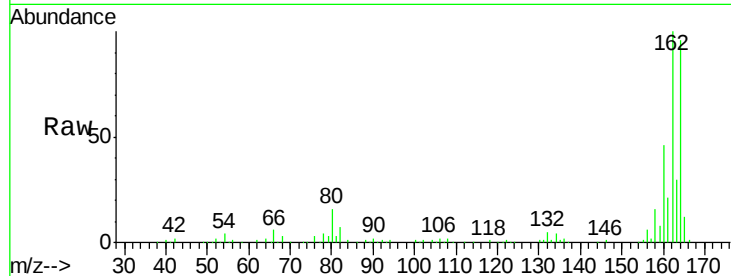




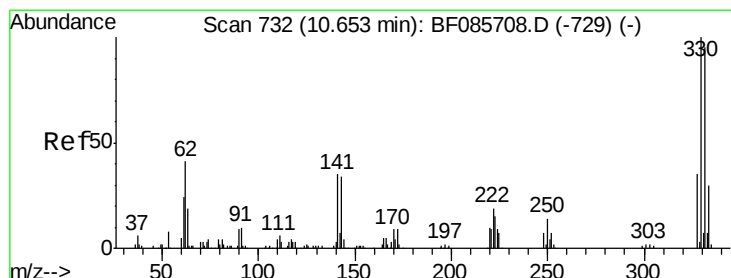
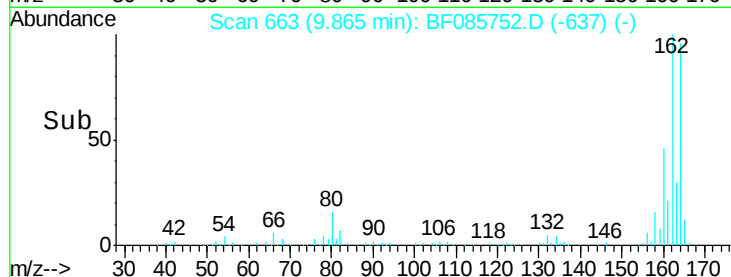
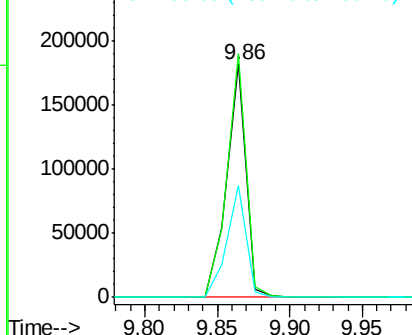
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:164 Resp: 166707
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.1 123.1
 160 47.9 37.4 56.2

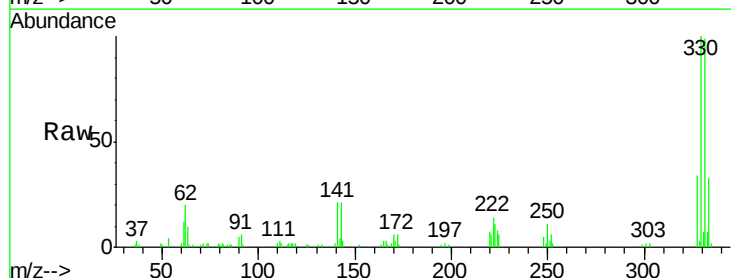


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

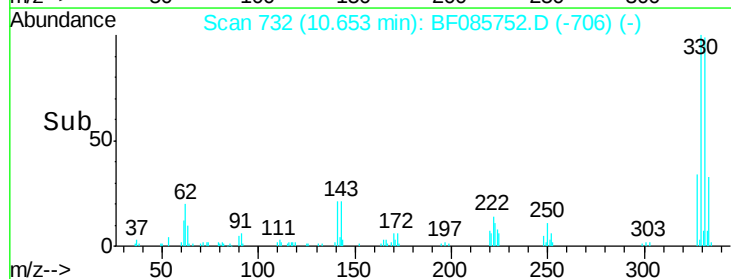
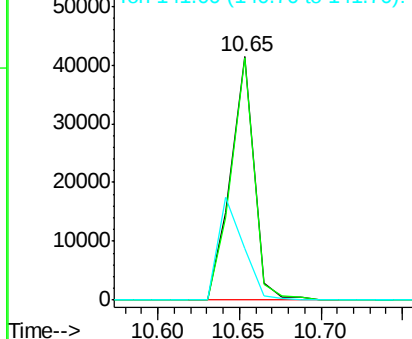


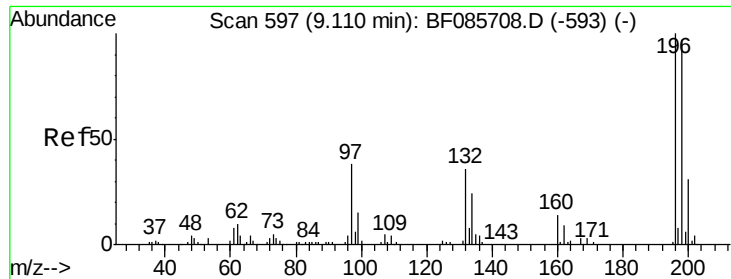
#41
 2,4,6-Tribromophenol
 Concen: 26.06 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

Tgt Ion:330 Resp: 41271
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.2 117.2
 141 45.3 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

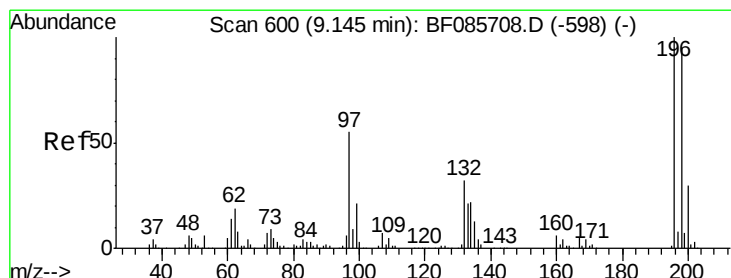
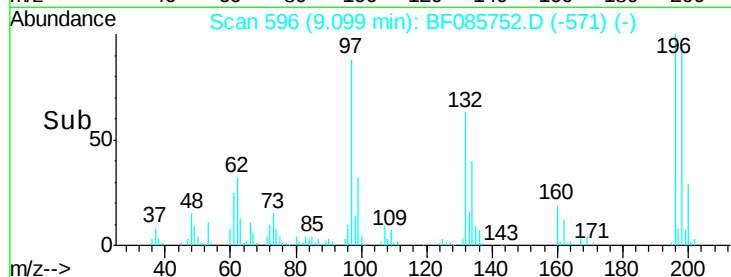
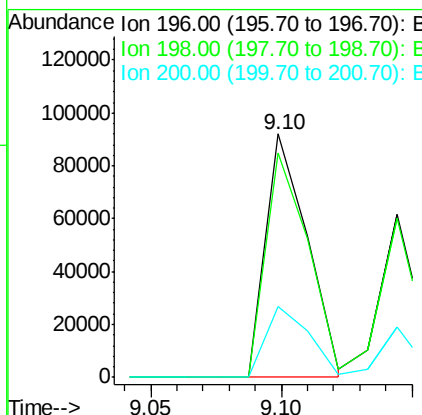
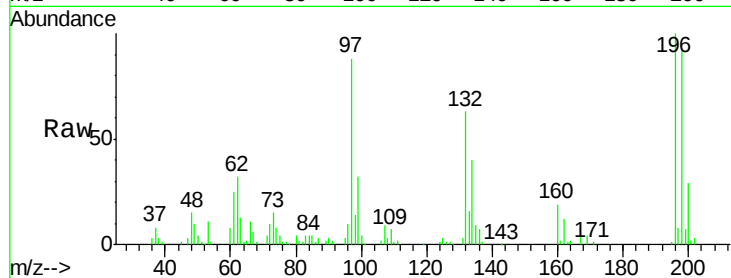




#42
 2,4,6-Trichlorophenol
 Concen: 30.51 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

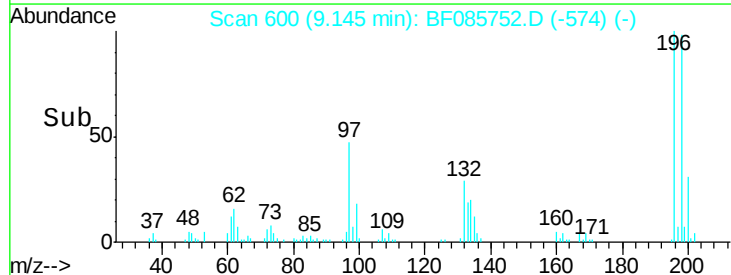
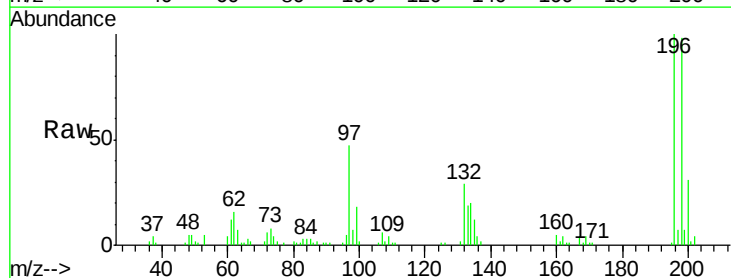
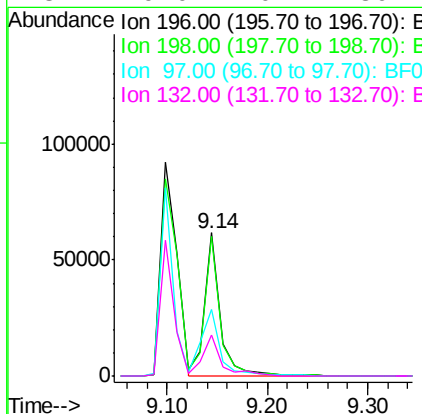
Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

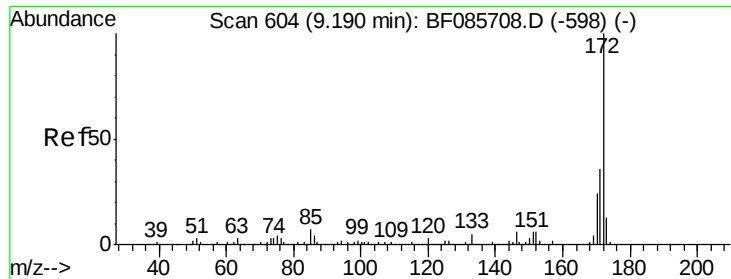
Tgt Ion:196 Resp: 101871
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.3 112.9
 200 28.9 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 19.04 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

Tgt Ion:196 Resp: 66676
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.6 114.8
 97 46.7 30.5 45.7#
 132 29.0 20.2 30.2

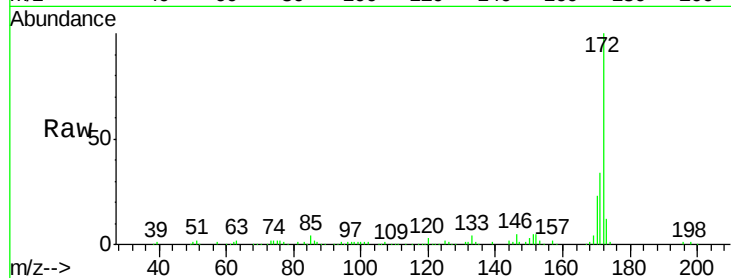




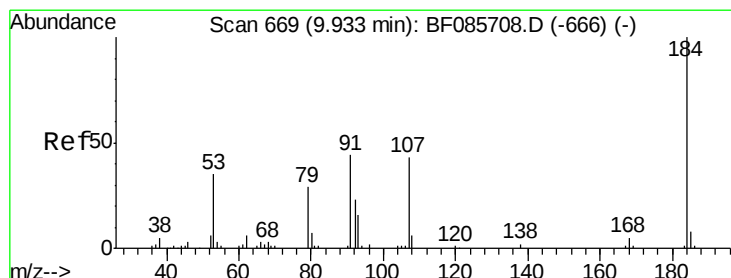
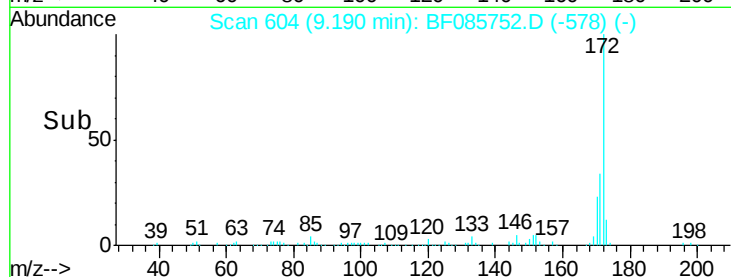
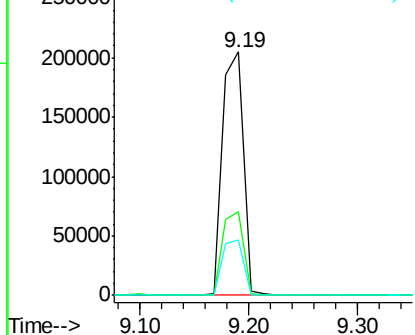
#44
 2-Fluorobiphenyl
 Concen: 27.39 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:172 Resp: 273276
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.4 44.2
 170 22.7 19.8 29.6

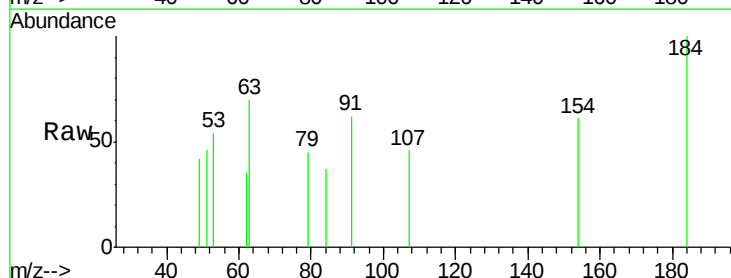


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

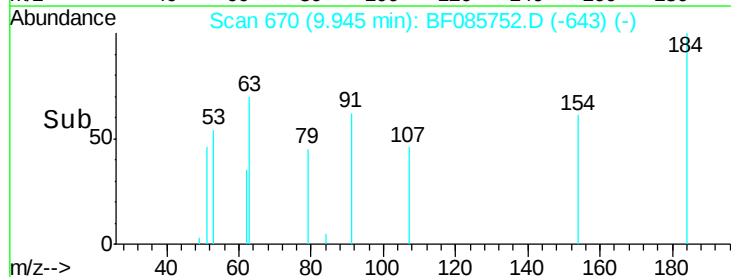
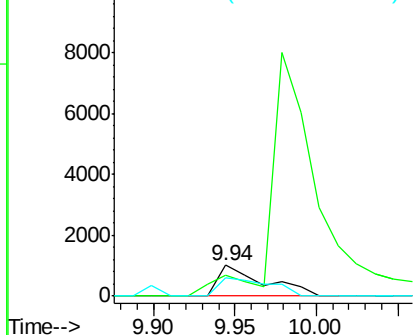


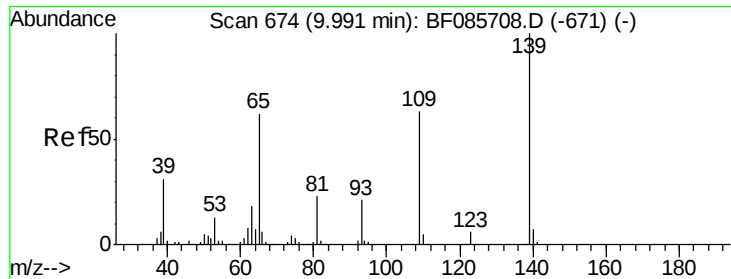
#53
 2,4-Dinitrophenol
 Concen: 7.35 ng
 RT: 9.94 min Scan# 670
 Delta R.T. 0.01 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

Tgt Ion:184 Resp: 1958
 Ion Ratio Lower Upper
 184 100
 63 69.9 69.5 104.3
 154 60.5 58.3 87.5



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

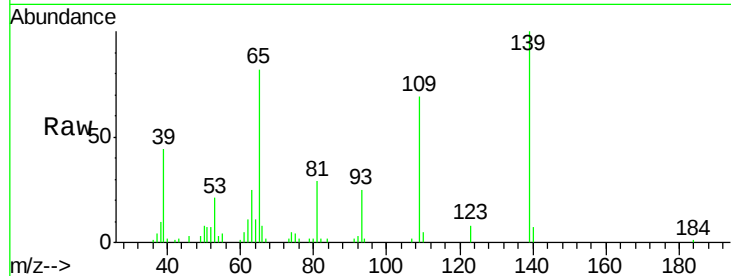




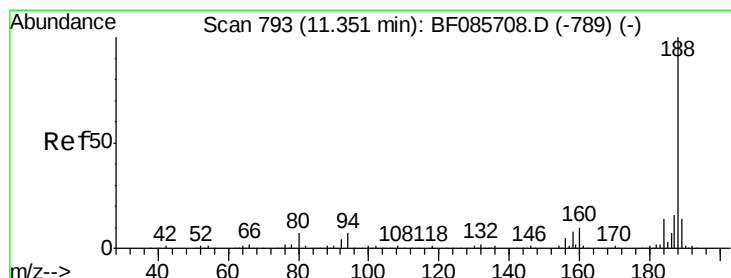
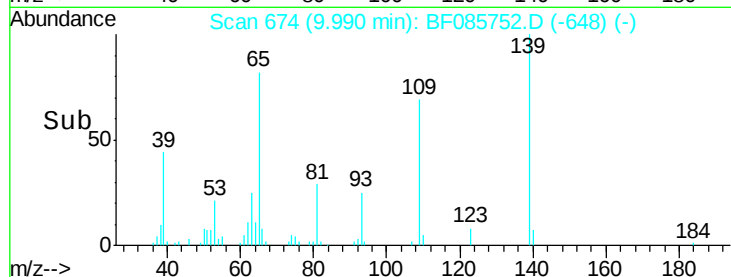
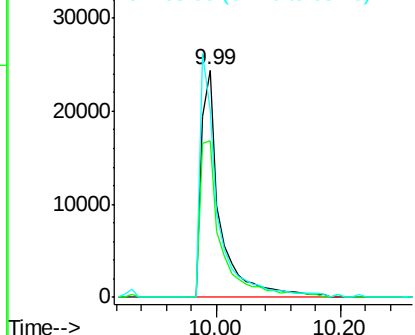
#55
4-Nitrophenol
Concen: 25.32 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085752.D
Acq: 25 Mar 2016 9:54

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:139 Resp: 51406
Ion Ratio Lower Upper
139 100
109 69.0 49.2 89.2
65 82.1 66.9 106.9

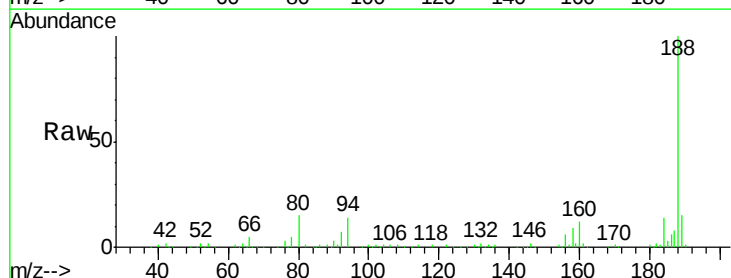


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

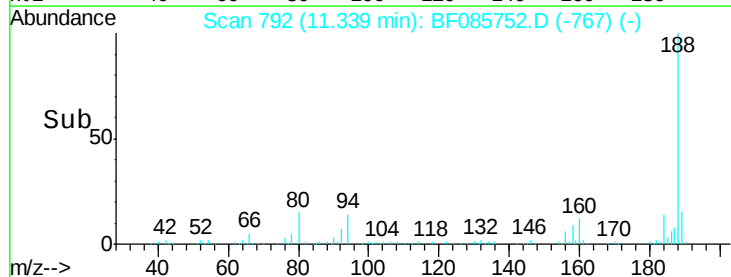
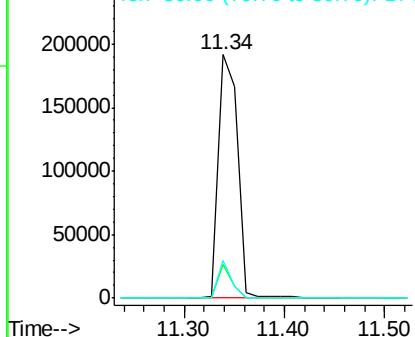


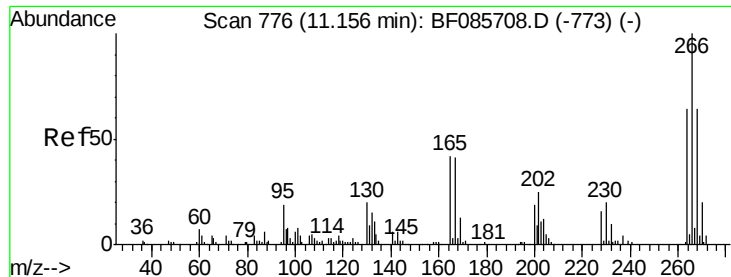
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085752.D
Acq: 25 Mar 2016 9:54

Tgt Ion:188 Resp: 253430
Ion Ratio Lower Upper
188 100
94 14.0 5.4 8.0#
80 15.2 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

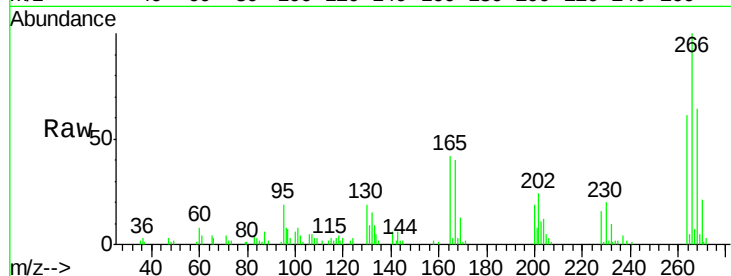




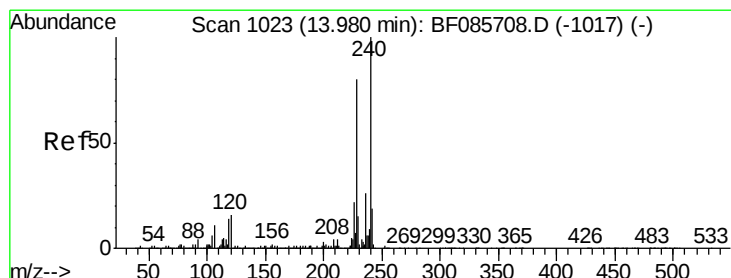
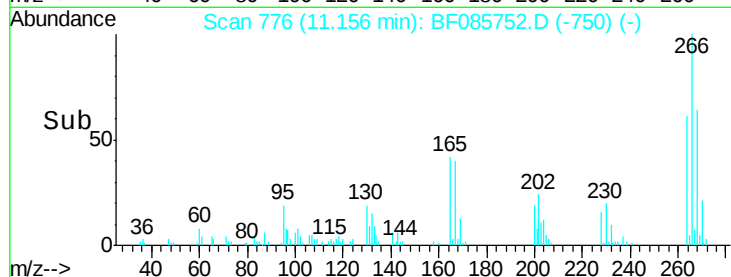
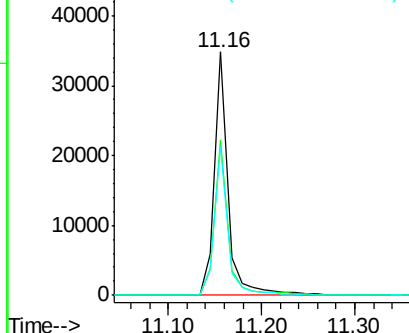
#69
 Pentachlorophenol
 Concen: 26.63 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion: 266 Resp: 35444
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.5 77.3
 264 61.2 50.6 76.0

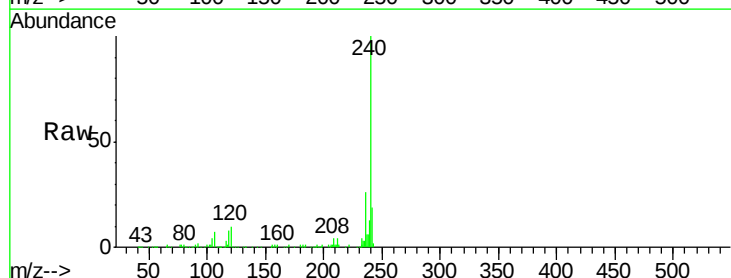


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

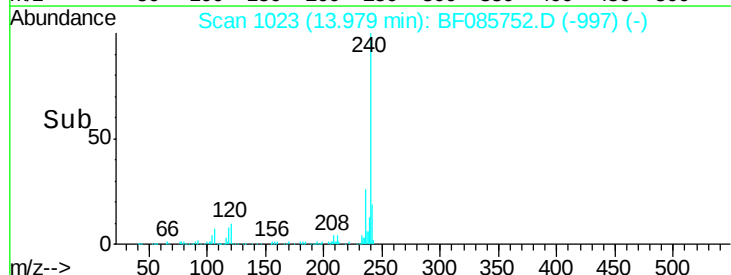
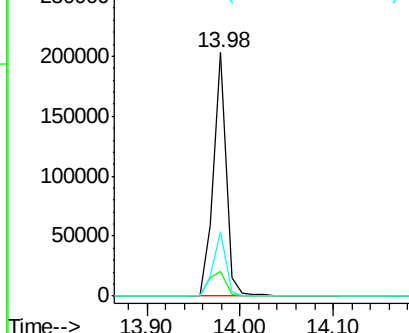


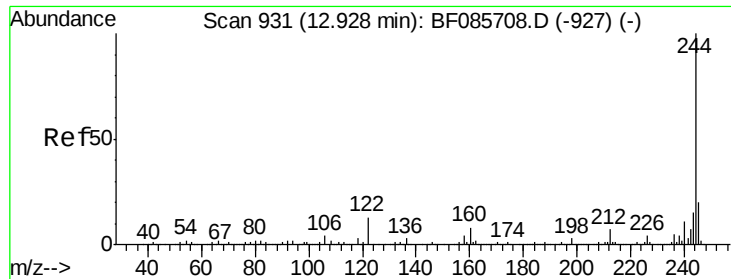
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

Tgt Ion: 240 Resp: 195149
 Ion Ratio Lower Upper
 240 100
 120 10.0 13.8 20.8#
 236 26.3 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

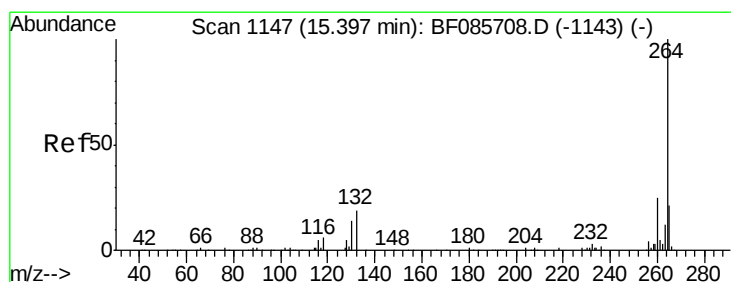
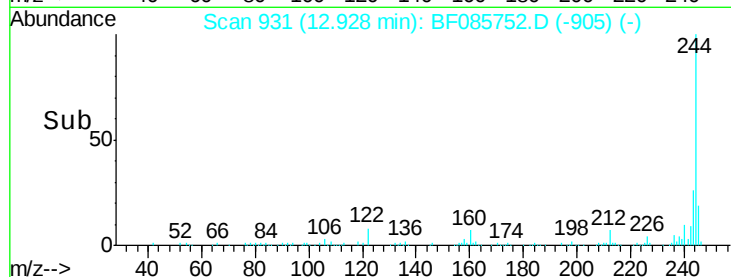
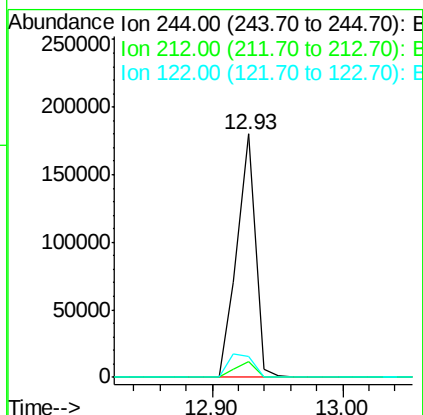
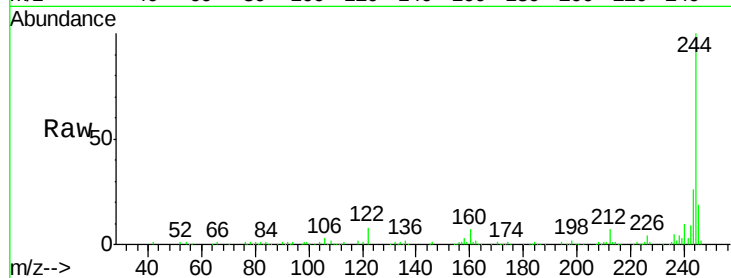




#78
 Terphenyl-d14
 Concen: 18.72 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion: 244 Resp: 177667
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 8.4 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085752.D
 Acq: 25 Mar 2016 9:54

Tgt Ion: 264 Resp: 191466
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 20.9 17.2 25.8

