

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
 Data File : BF076899.D
 Acq On : 16 Jan 2015 1:50
 Operator : IZ / TP
 Sample : G1079-03
 Misc : W
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 03:06:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

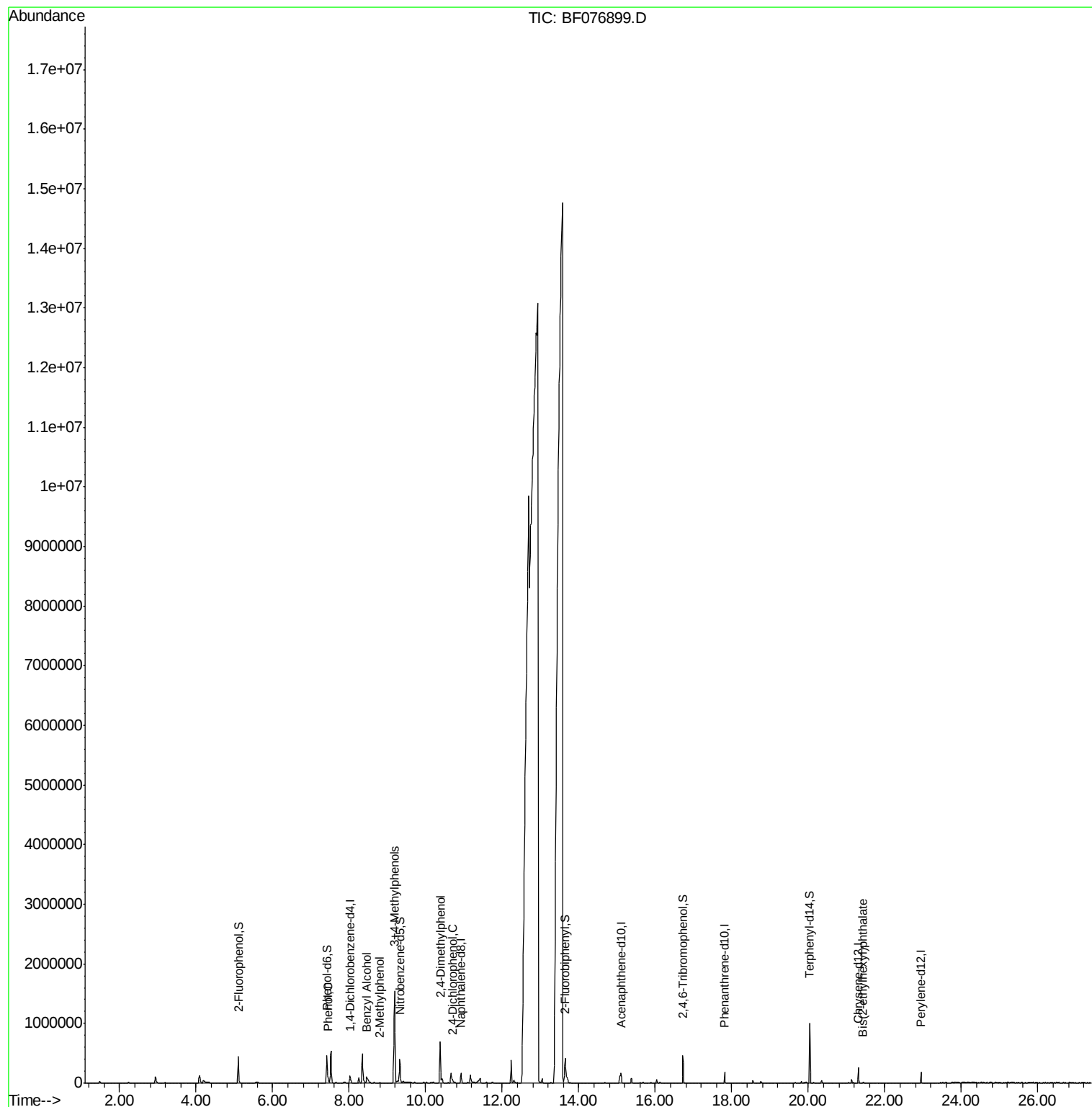
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30119	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	126781	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	63089	20.00	ng	0.02
63) Phenanthrene-d10	17.82	188	108603	20.00	ng	0.00
75) Chrysene-d12	21.31	240	103256	20.00	ng	0.00
86) Perylene-d12	22.94	264	97570	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	226951	123.89	ng	0.01
7) Phenol-d6	7.42	99	254700	110.22	ng	0.00
23) Nitrobenzene-d5	9.32	82	191134	83.52	ng	0.00
41) 2,4,6-Tribromophenol	16.73	330	69986	136.66	ng	0.01
44) 2-Fluorobiphenyl	13.65	172	270474	65.24	ng	0.06
78) Terphenyl-d14	20.04	244	358770	79.99	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.44	94	48650	19.83	ng	93
15) Benzyl Alcohol	8.46	79	80699	43.16	ng	99
17) 2-Methylphenol	8.80	107	4331	2.51	ng	91
20) 3+4-Methylphenols	9.19	107	802467	351.16	ng	95
27) 2,4-Dimethylphenol	10.38	122	206949	114.80	ng	97
29) 2,4-Dichlorophenol	10.71	162	11375	6.77	ng	92
83) Bis(2-ethylhexyl)phthalate	21.43	149	11002	2.48	ng	# 99

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

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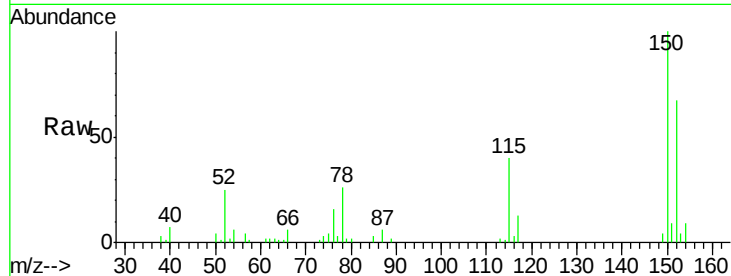


#1

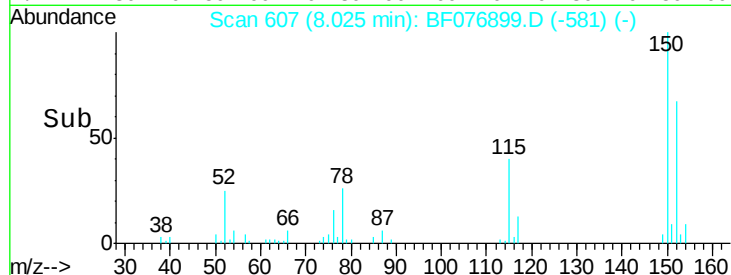
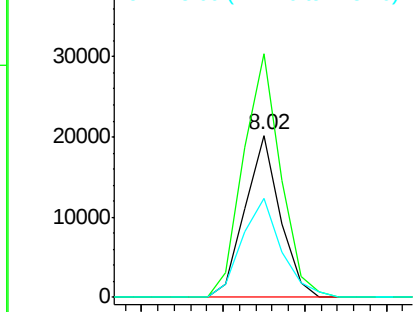
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30119
Ion Ratio Lower Upper
152 100
150 150.2 121.7 182.5
115 60.7 47.0 70.6



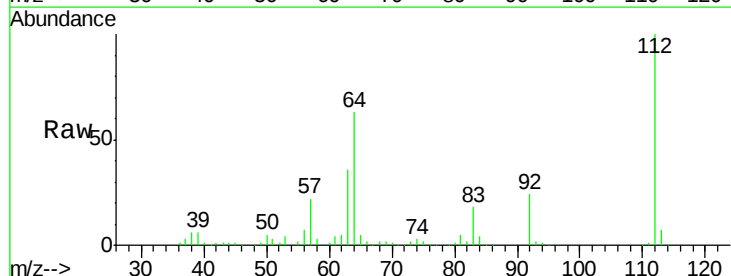
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



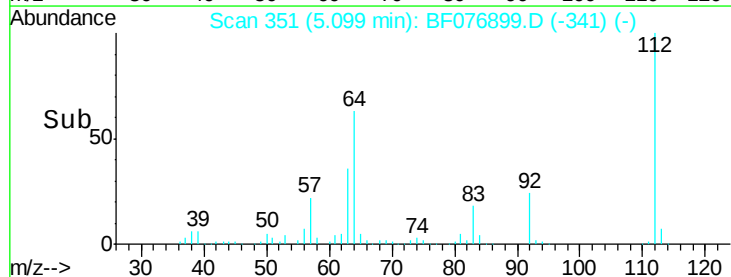
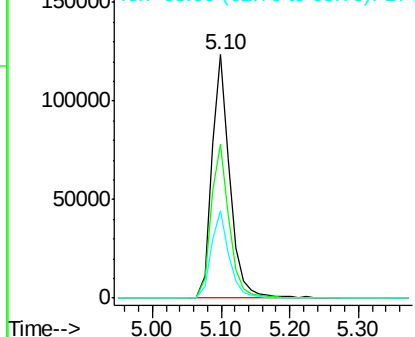
#5

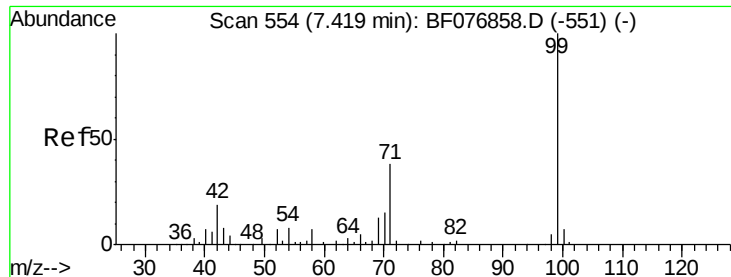
2-Fluorophenol
Concen: 123.89 ng
RT: 5.10 min Scan# 351
Delta R.T. 0.01 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

Tgt Ion:112 Resp: 226951
Ion Ratio Lower Upper
112 100
64 63.5 54.2 81.4
63 36.2 28.4 42.6



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: 110.22 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076899.D

Acq: 16 Jan 2015 1:50

Instrument :

BNA_F

ClientSampled :

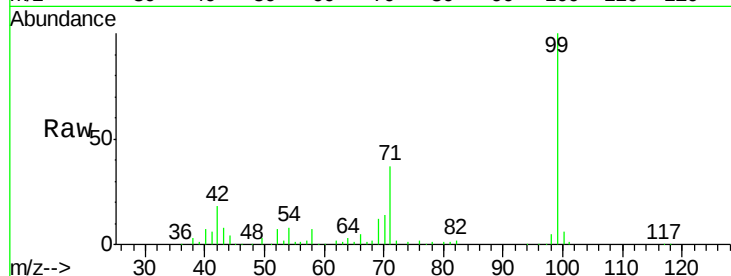
Tot Ion: 99 Resp: 254700

Ion Ratio Lower Upper

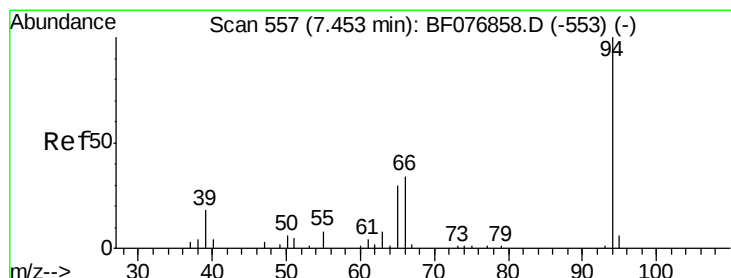
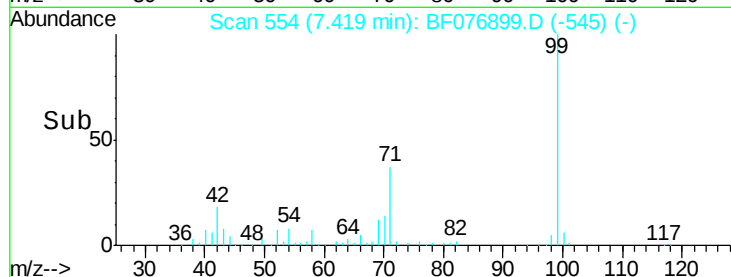
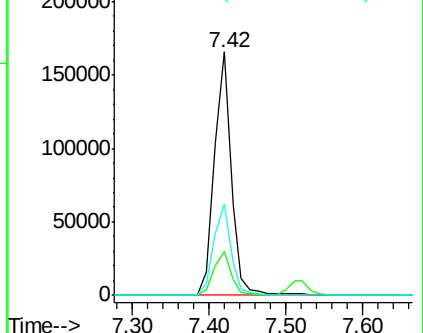
99 100

42 18.1 15.0 22.4

71 37.5 30.5 45.7



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: 19.83 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076899.D

Acq: 16 Jan 2015 1:50

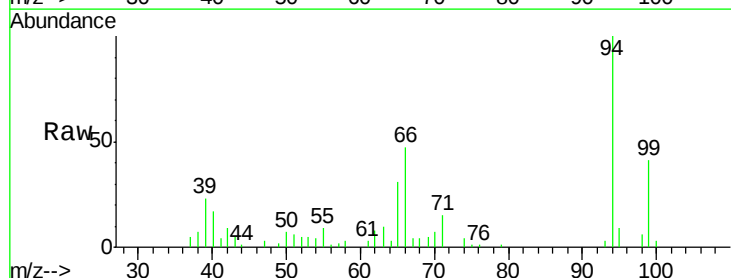
Tgt Ion: 94 Resp: 48650

Ion Ratio Lower Upper

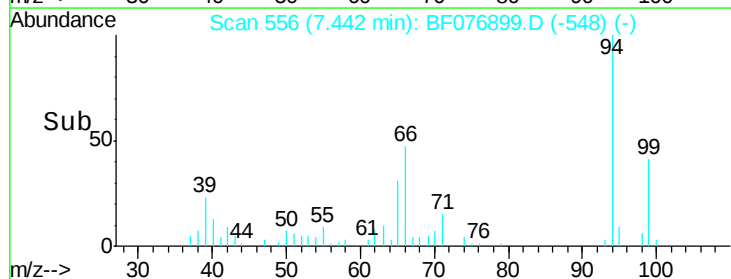
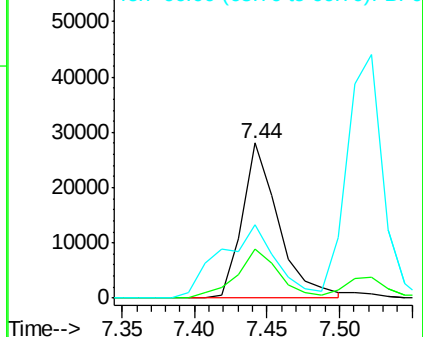
94 100

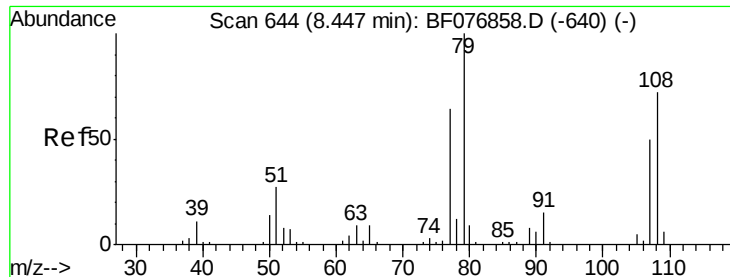
65 31.3 11.3 51.3

66 47.2 19.5 59.5



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





#15

Benzyl Alcohol

Concen: 43.16 ng

RT: 8.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF076899.D

Acq: 16 Jan 2015 1:50

Instrument :

BNA_F

ClientSampleId :

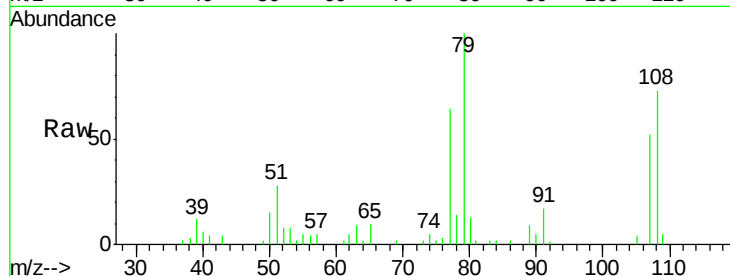
Tot Ion: 79 Resp: 80699

Ion Ratio Lower Upper

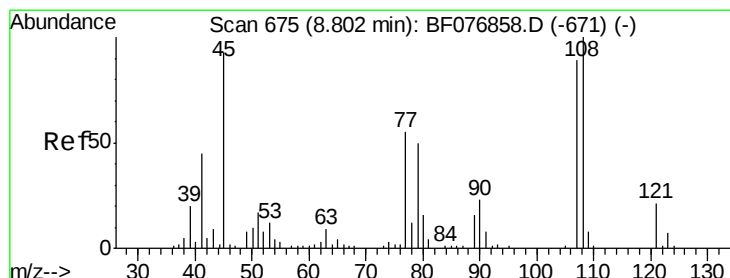
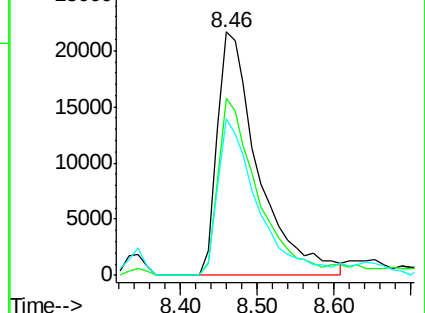
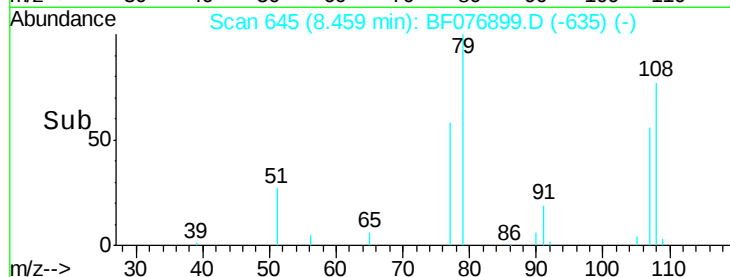
79 100

108 72.8 57.2 85.8

77 64.2 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF076899.D (-635) (-)



#17

2-Methylphenol

Concen: 2.51 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076899.D

Acq: 16 Jan 2015 1:50

Tgt Ion: 107 Resp: 4331

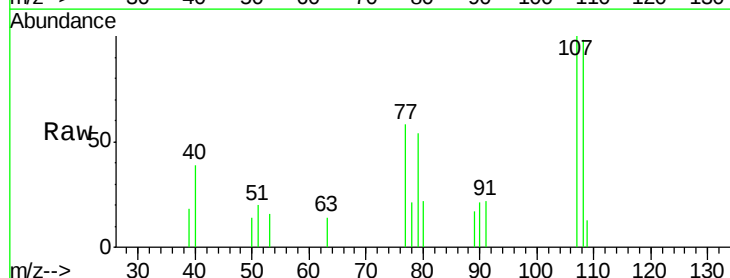
Ion Ratio Lower Upper

107 100

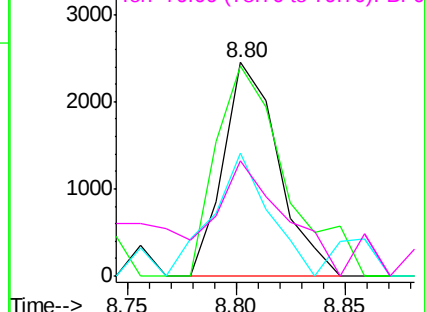
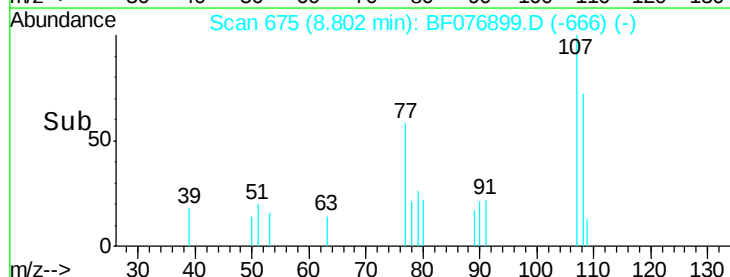
108 98.4 89.7 134.5

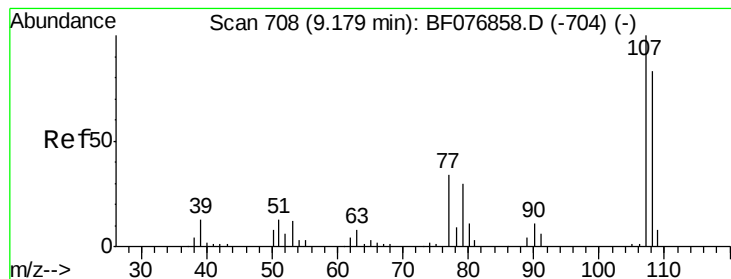
77 57.7 50.1 75.1

79 54.2 45.0 67.6



Abundance Ion 107.00 (106.70 to 107.70): BF076899.D (-666) (-)





#20

3+4-Methylphenols

Concen: 351.16 ng

RT: 9.19 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF076899.D

Acq: 16 Jan 2015 1:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 802467

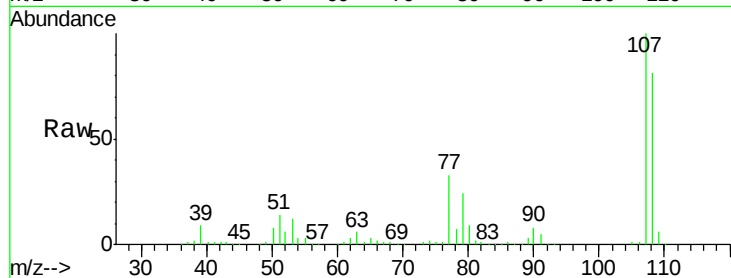
Ion Ratio Lower Upper

107 100

108 80.5 63.5 103.5

77 32.8 14.0 54.0

79 24.1 9.9 49.9

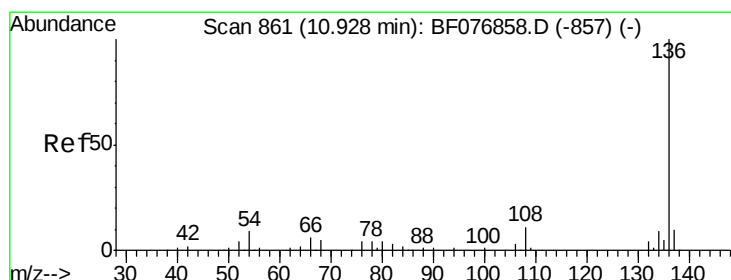
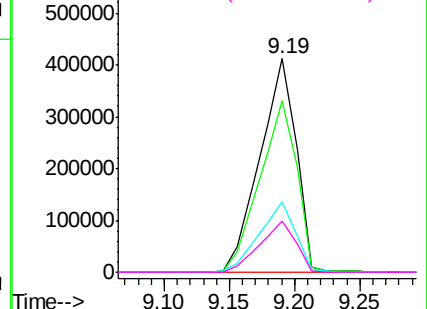
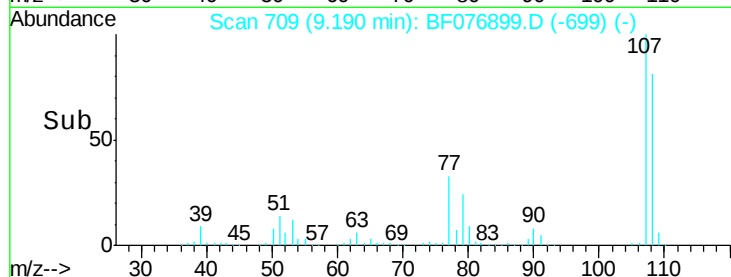


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076899.D

Acq: 16 Jan 2015 1:50

Tgt Ion:136 Resp: 126781

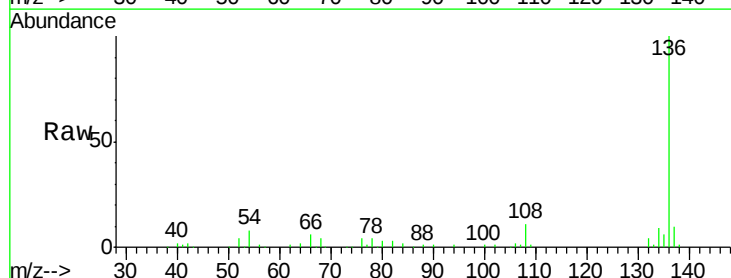
Ion Ratio Lower Upper

136 100

137 10.1 8.1 12.1

54 8.3 7.0 10.4

68 3.8 3.7 5.5

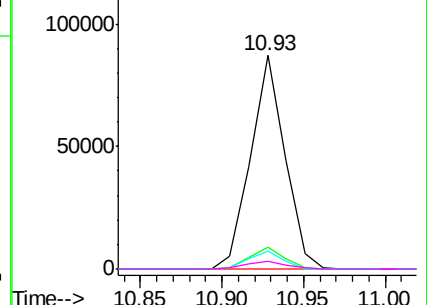
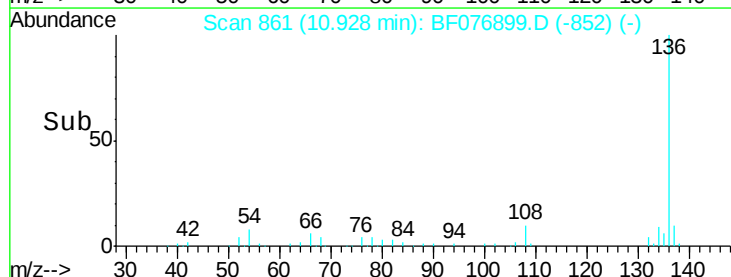


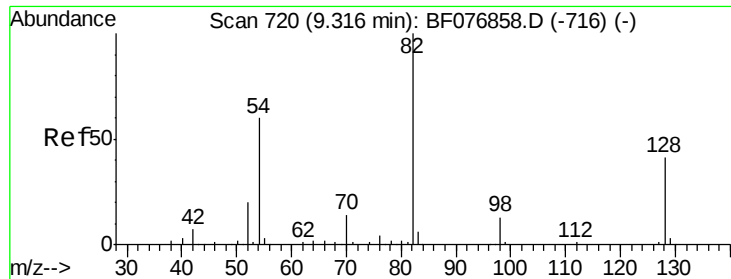
Abundance Ion 136.00 (135.70 to 136.70): E

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

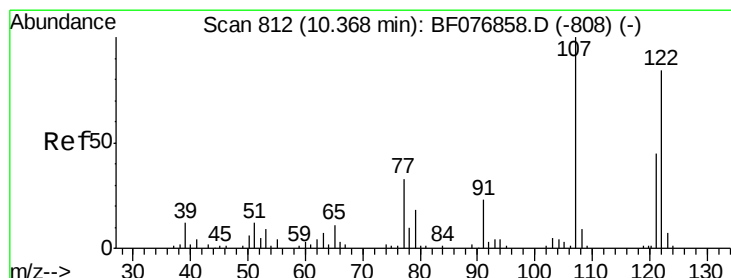
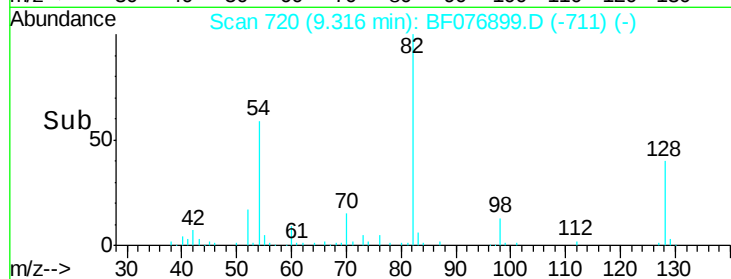
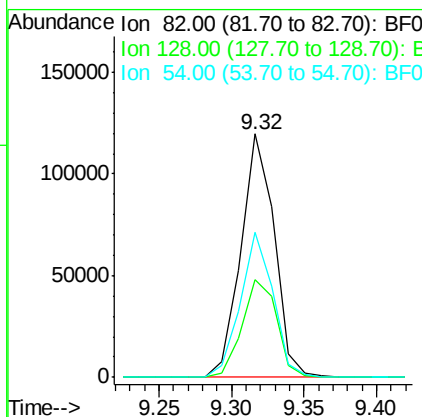
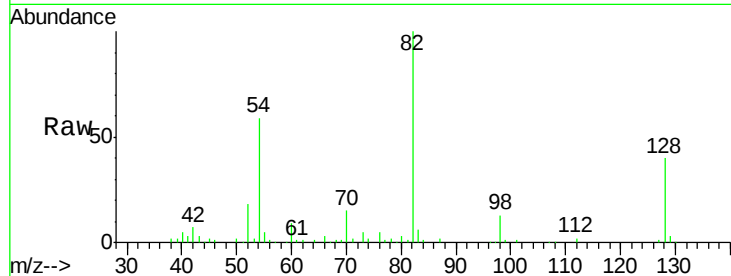




#23
Nitrobenzene-d5
Concen: 83.52 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

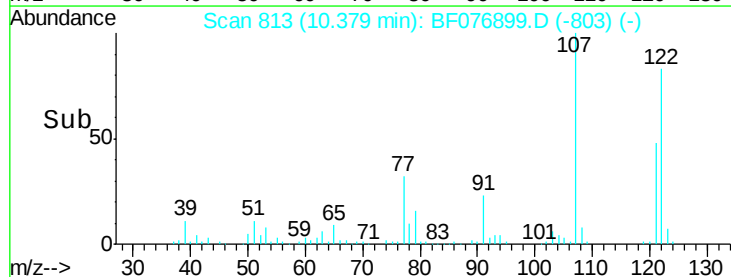
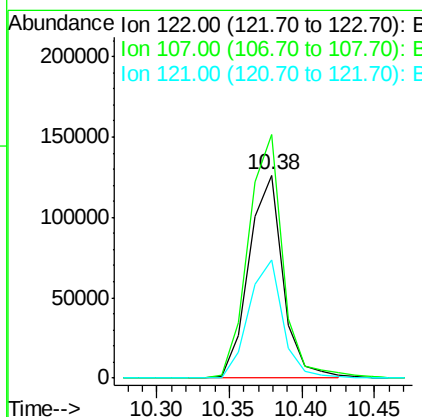
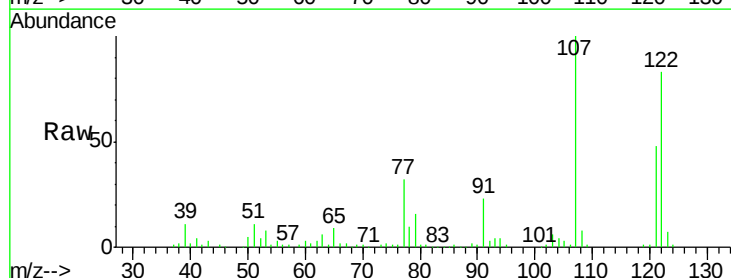
Instrument :
BNA_F
ClientSampleId :

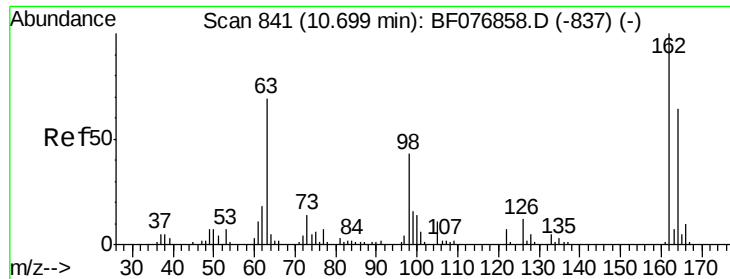
Tot Ion	82	Resp	191134
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.1	49.7
54	59.3	48.3	72.5



#27
2,4-Dimethylphenol
Concen: 114.80 ng
RT: 10.38 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

Tgt Ion	122	Resp	206949
Ion Ratio	Lower	Upper	
122	100		
107	120.0	95.2	142.8
121	58.1	42.9	64.3

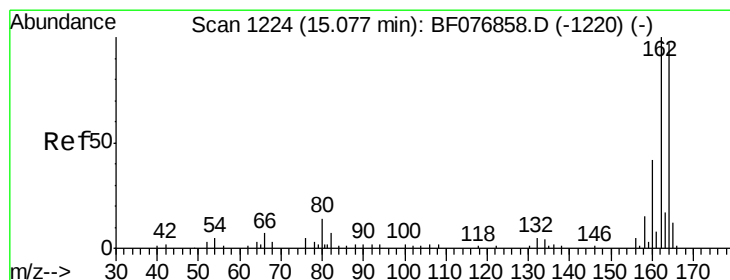
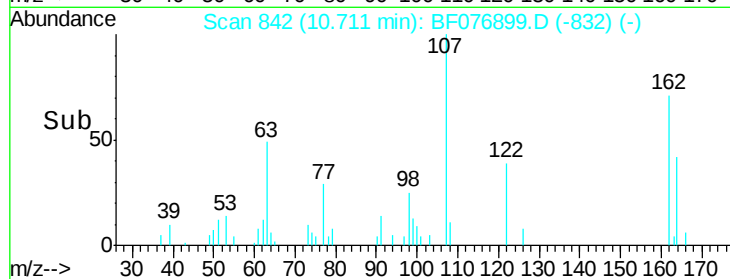
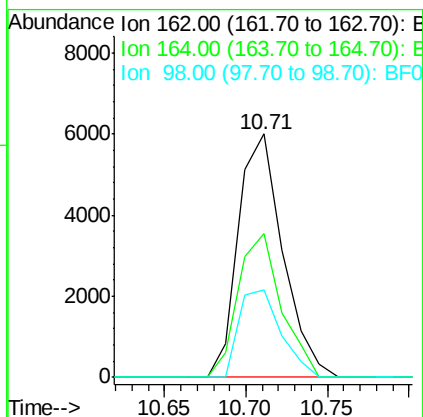
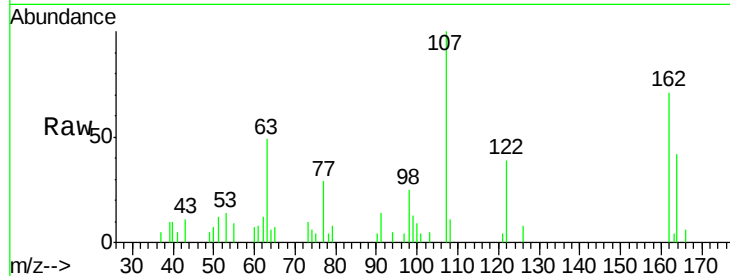




#29
 2,4-Dichlorophenol
 Concen: 6.77 ng
 RT: 10.71 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

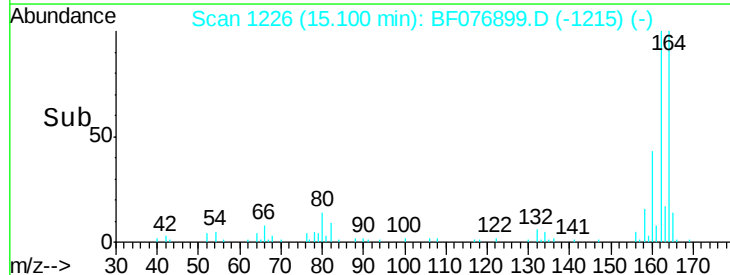
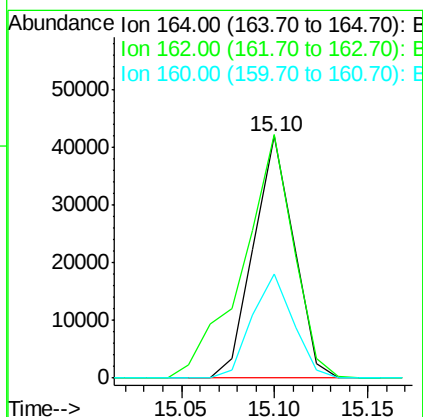
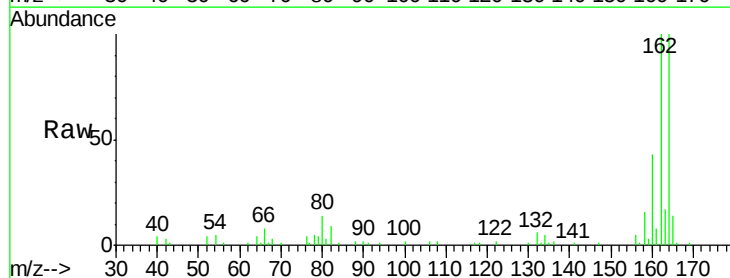
Instrument :
 BNA_F
 ClientSampleId :

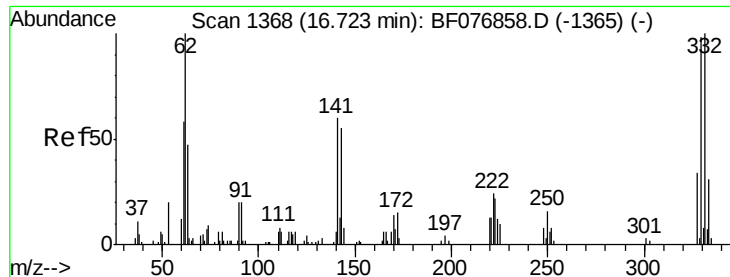
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.0	43.8	83.8
98	35.8	22.5	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1226
 Delta R.T. 0.02 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.4	123.6
160	42.7	34.8	52.2

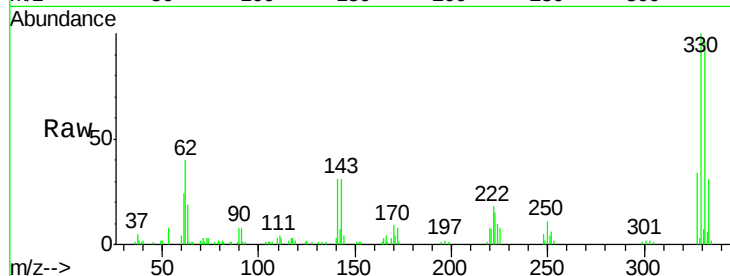




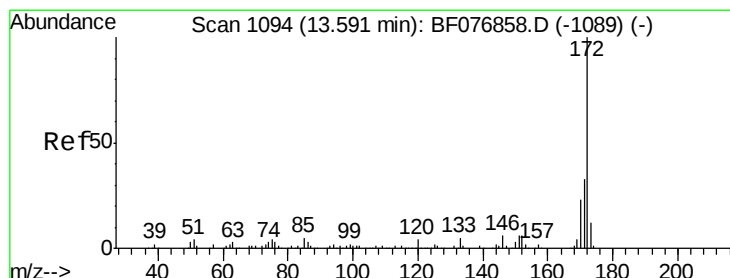
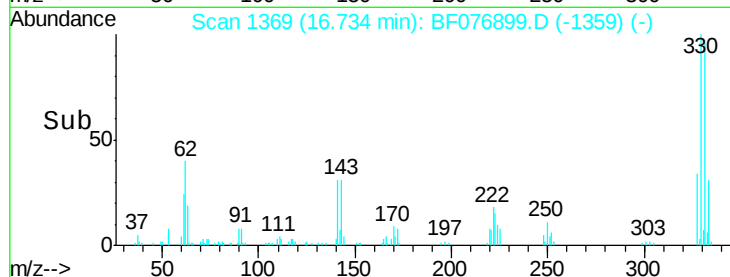
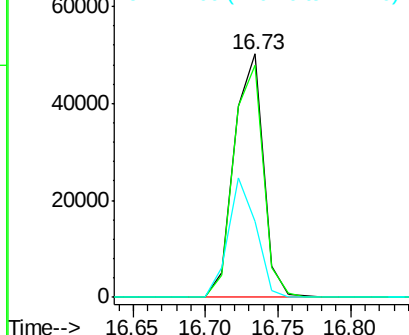
#41
 2,4,6-Tribromophenol
 Concen: 136.66 ng
 RT: 16.73 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.6
141	46.7	38.5	57.7

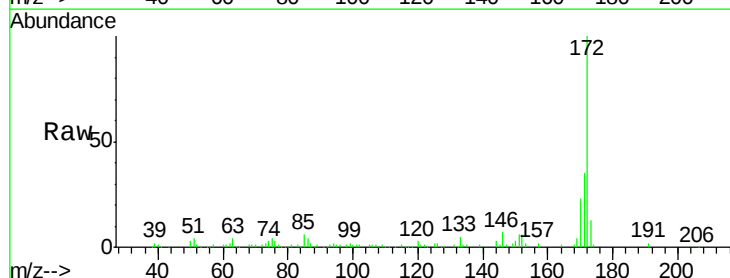


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

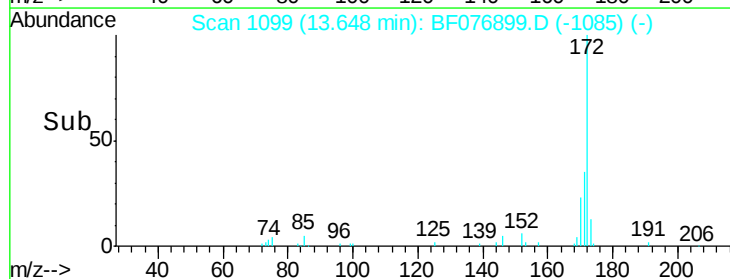
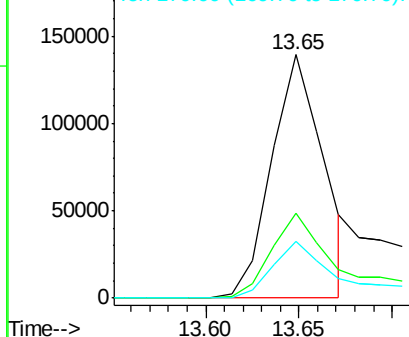


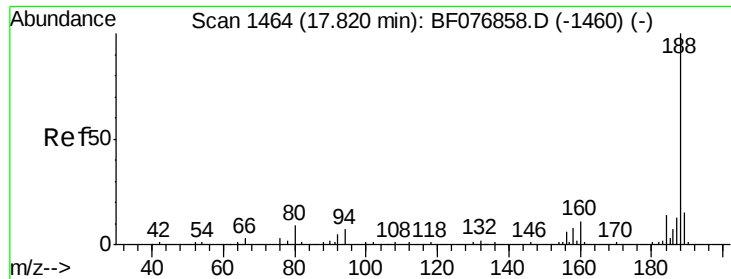
#44
 2-Fluorobiphenyl
 Concen: 65.24 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. 0.06 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.6	40.0
170	23.3	18.0	27.0



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

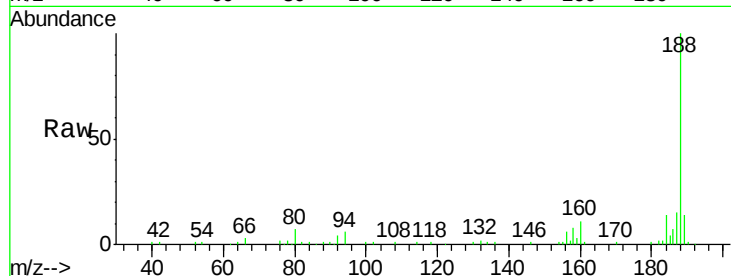




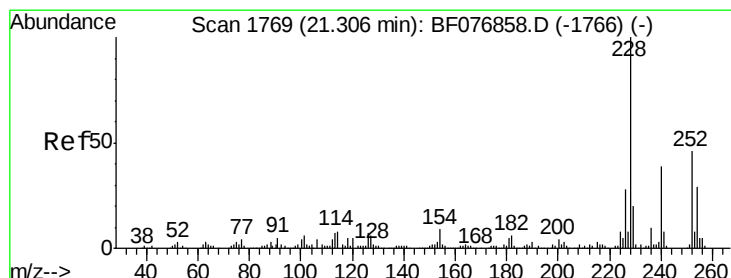
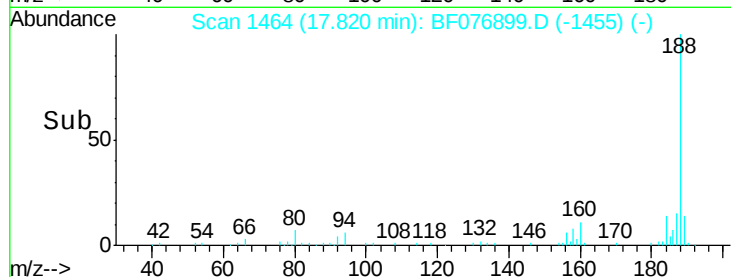
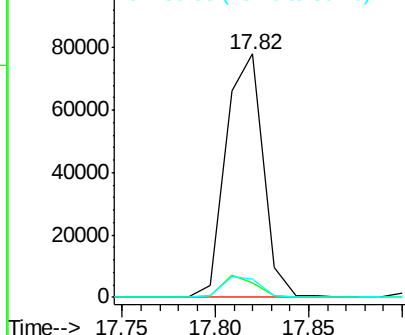
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 108603
Ion Ratio Lower Upper
188 100
94 6.2 6.0 9.0
80 7.3 6.9 10.3

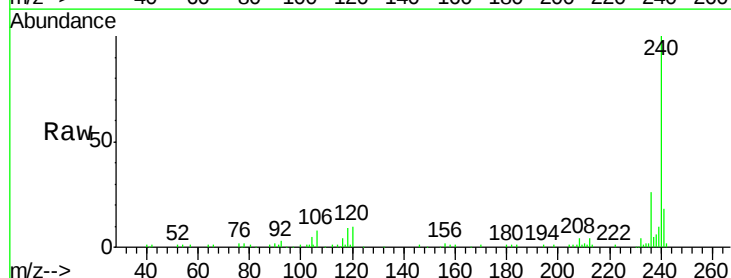


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

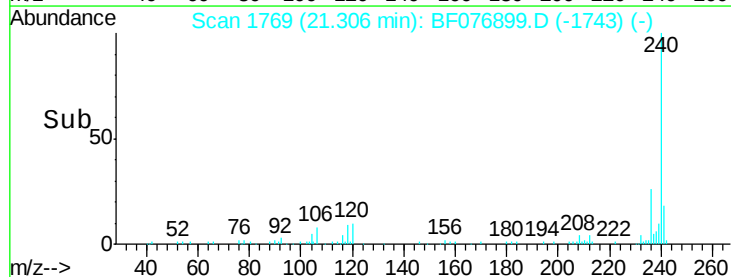
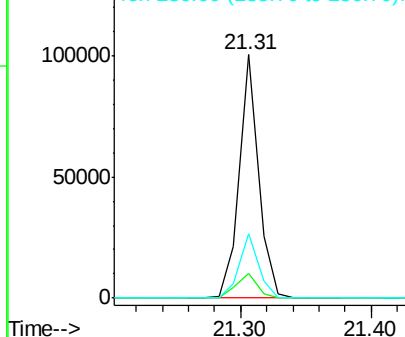


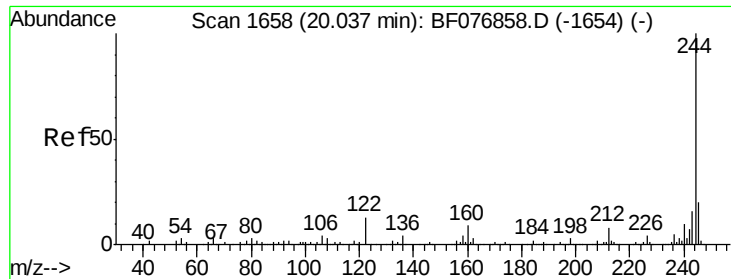
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

Tgt Ion:240 Resp: 103256
Ion Ratio Lower Upper
240 100
120 10.4 10.4 15.6
236 26.4 20.2 30.2



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

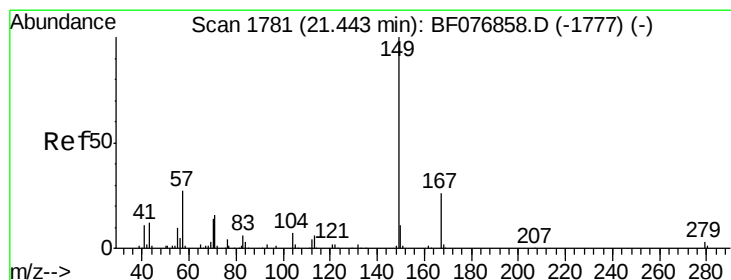
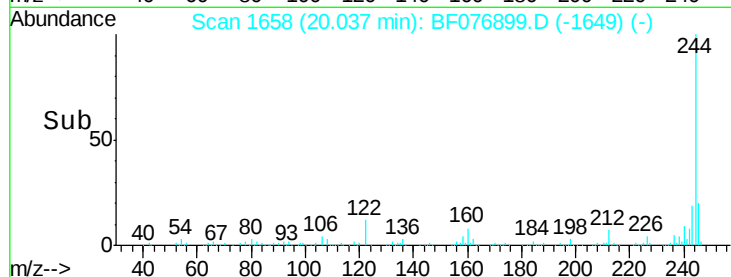
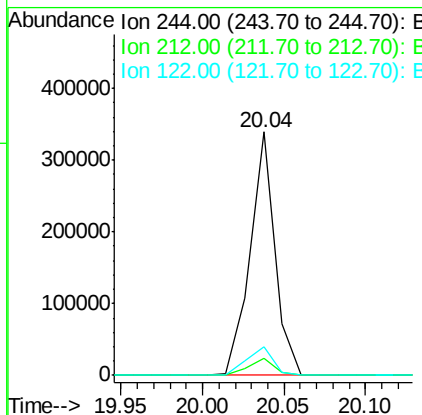
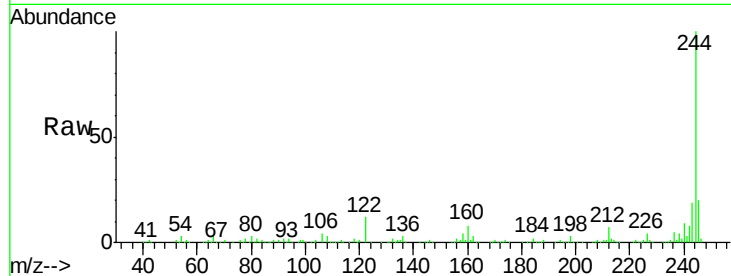




#78
 Terphenyl-d14
 Concen: 79.99 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

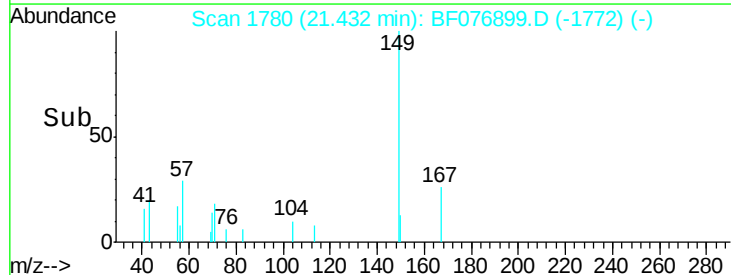
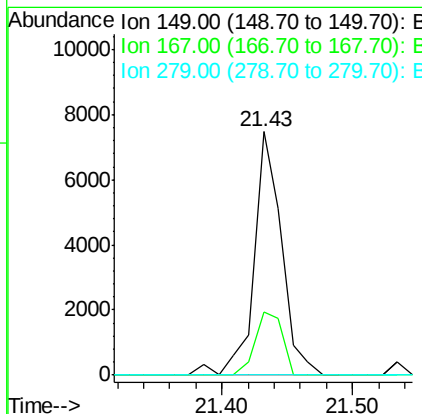
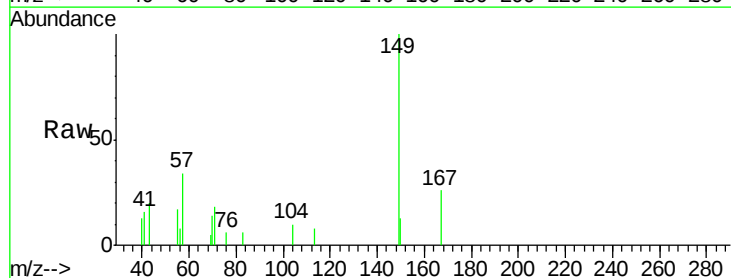
Instrument :
 BNA_F
 ClientSampleId :

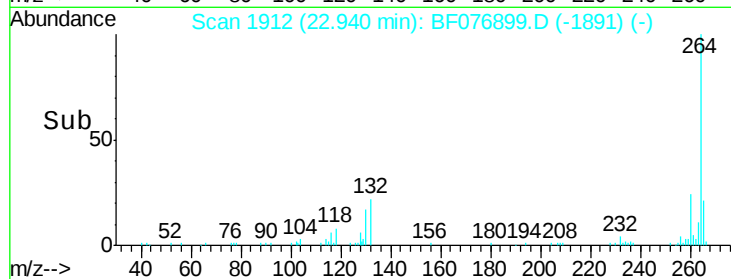
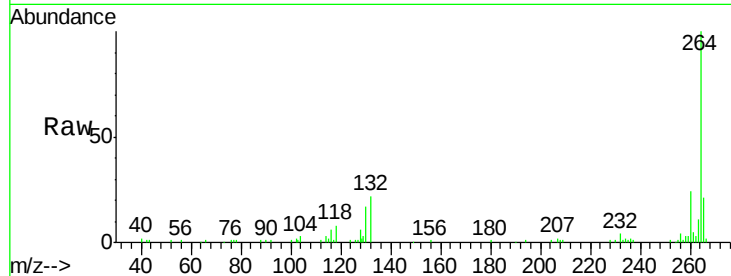
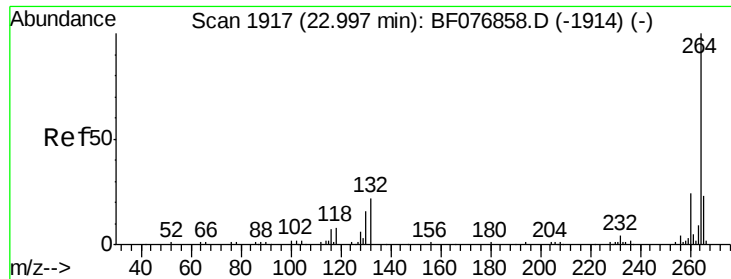
Tot Ion:244 Resp: 358770
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 11.6 10.1 15.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.48 ng
 RT: 21.43 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

Tgt Ion:149 Resp: 11002
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.6 30.8
 279 0.0 2.2 3.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.94 min Scan# 1912
 Delta R.T. -0.06 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 97570
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 20.9 18.1 27.1

