

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 :
 WC-DRUMC-FP-68

Quant Time: Jan 16 11:32:20 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

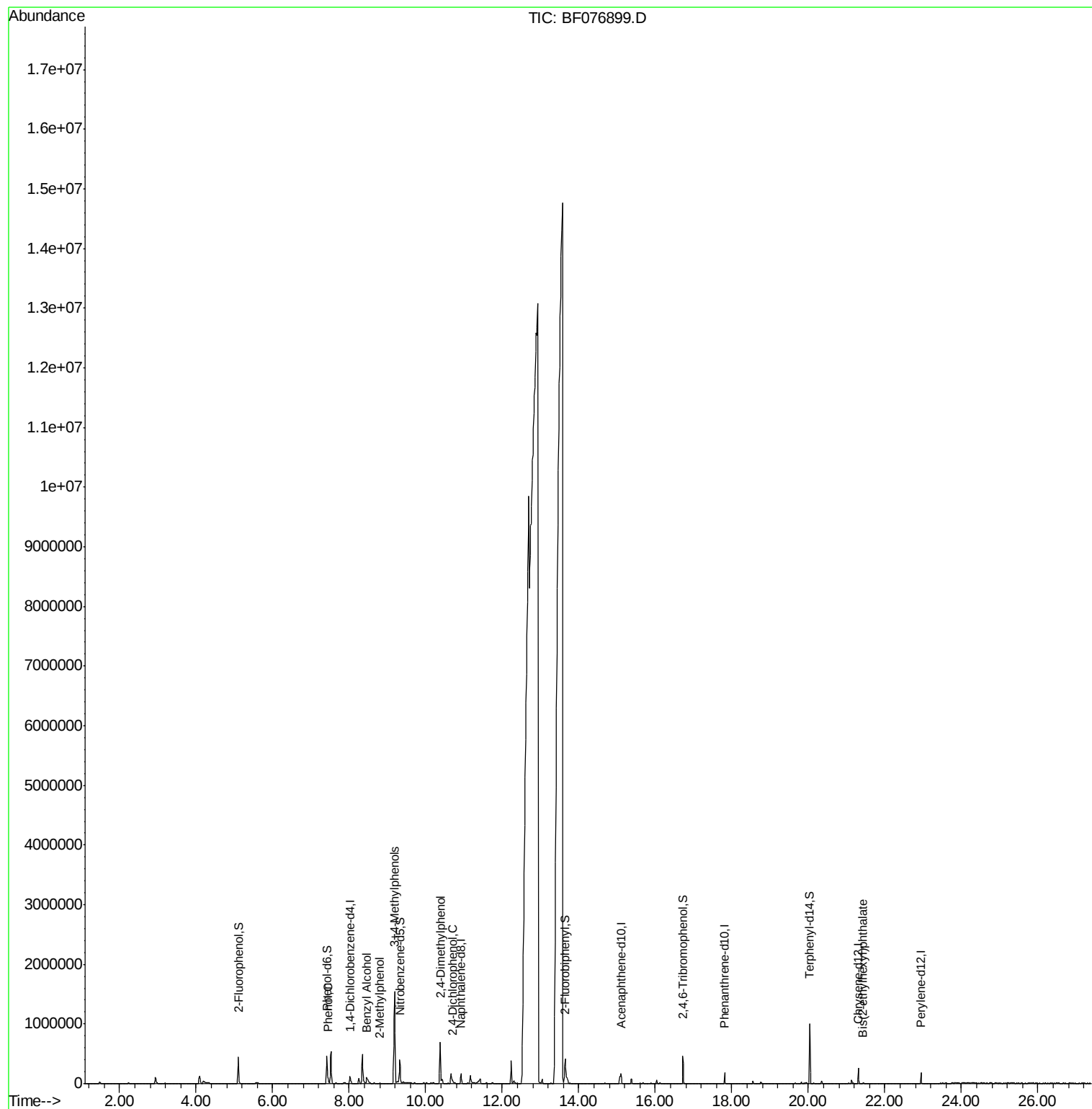
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30119	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	126781	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	63089	20.00	ng	0.02
63) Phenanthrene-d10	17.82	188	108603	20.00	ng	0.00
75) Chrysene-d12	21.31	240	103256	20.00	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	353615m	85.30	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

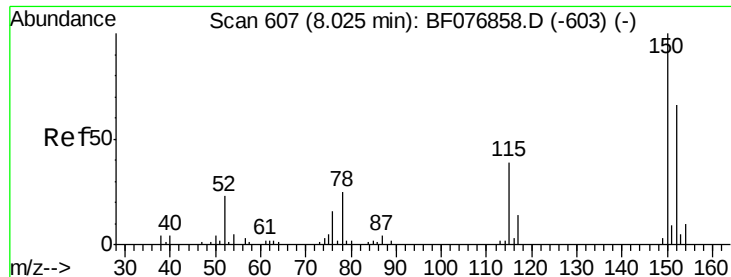
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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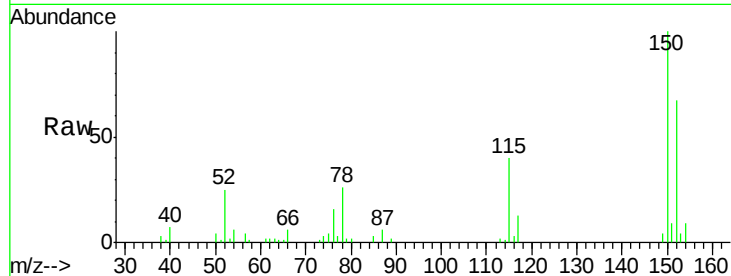


#1

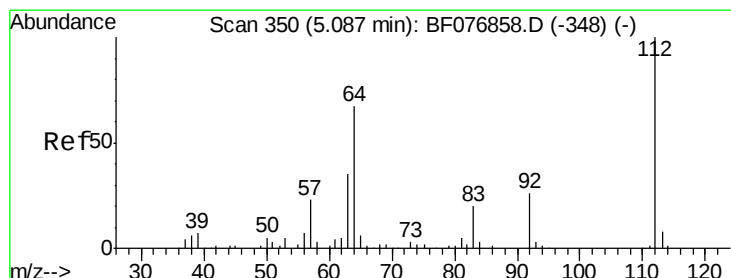
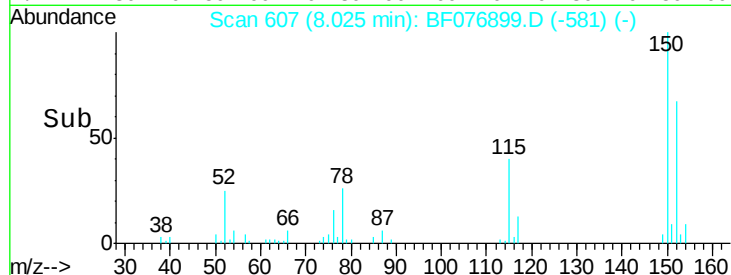
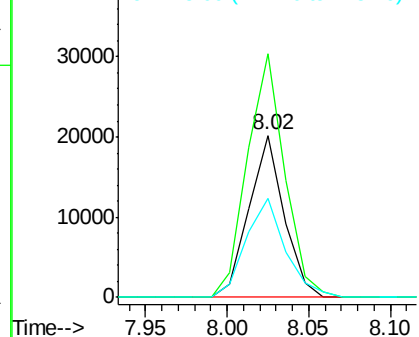
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

Instrument :
BNA_F
ClientSampleId :
WC-DRUMC-FP-68

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



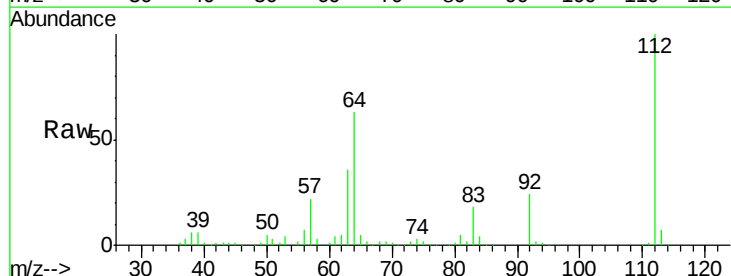
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



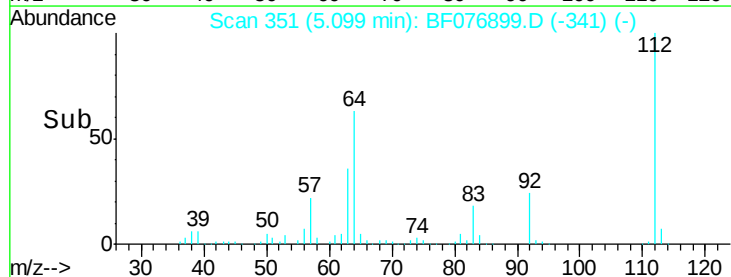
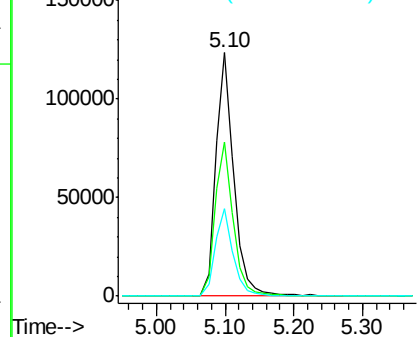
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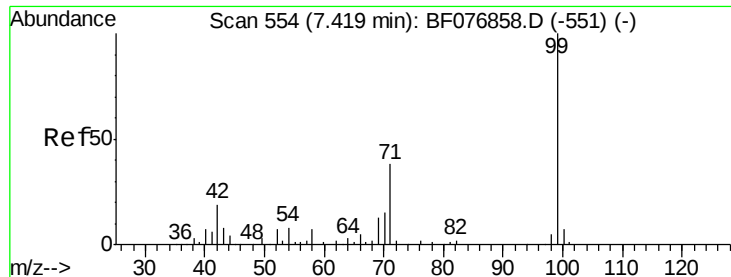
2-Fluorophenol
Concen: 123.89 ng
RT: 5.10 min Scan# 351
Delta R.T. 0.01 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

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

ClientSampleId :

WC-DRUMC-FP-68

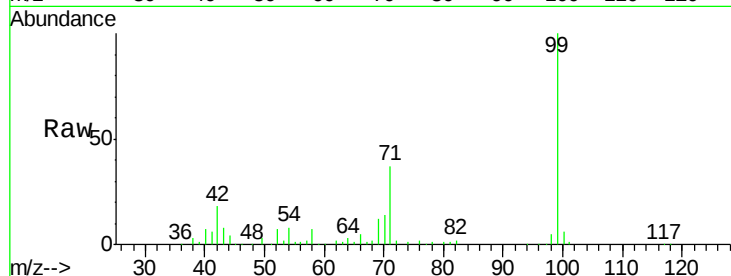
Tot Ion: 99 Resp: 254700

Ion Ratio Lower Upper

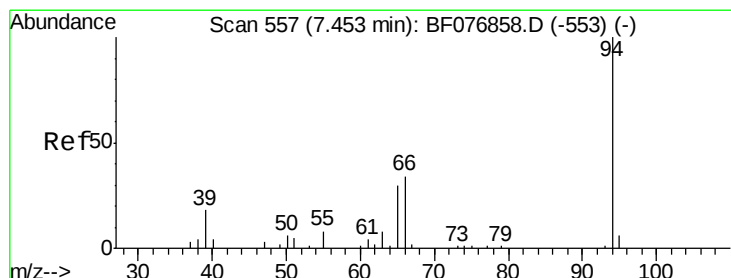
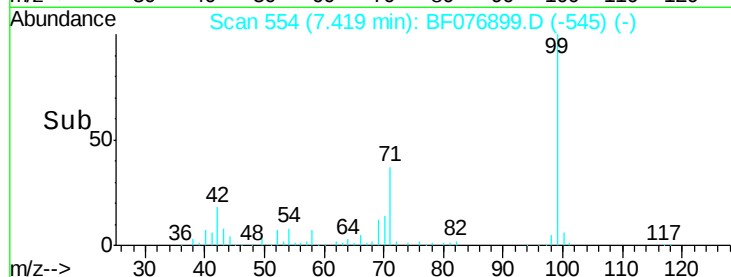
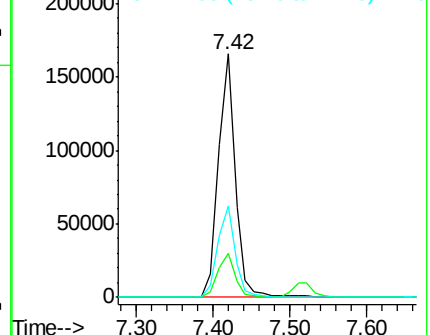
99 100

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

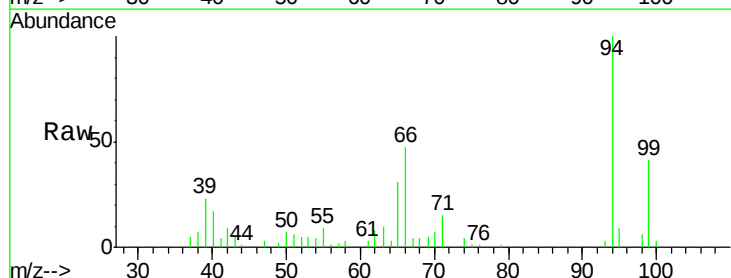
Tgt Ion: 94 Resp: 48650

Ion Ratio Lower Upper

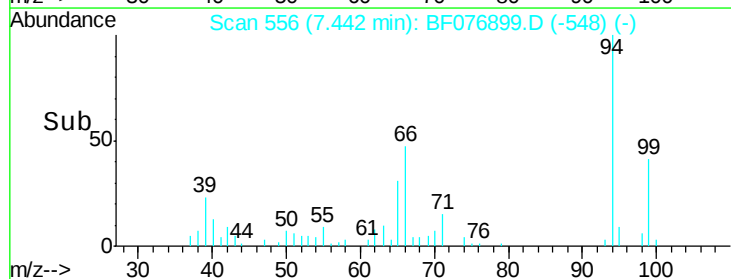
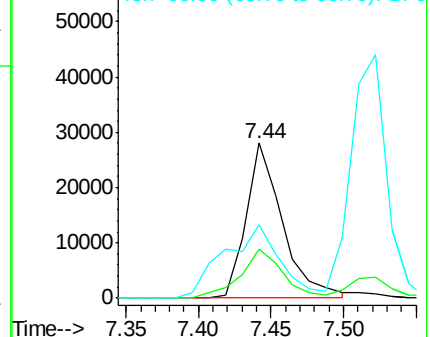
94 100

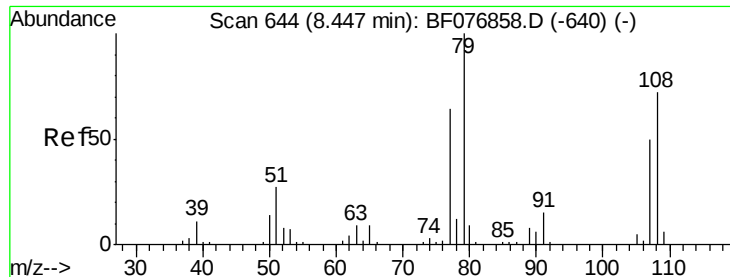
65 31.3 11.3 51.3

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 :

WC-DRUMC-FP-68

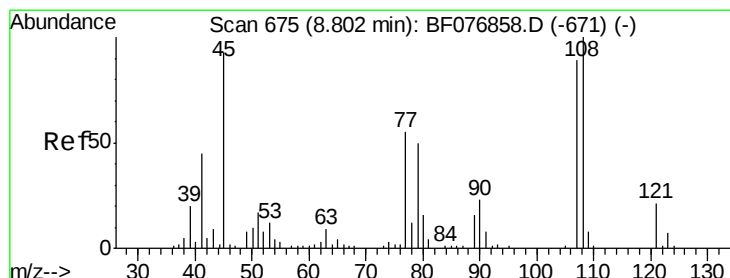
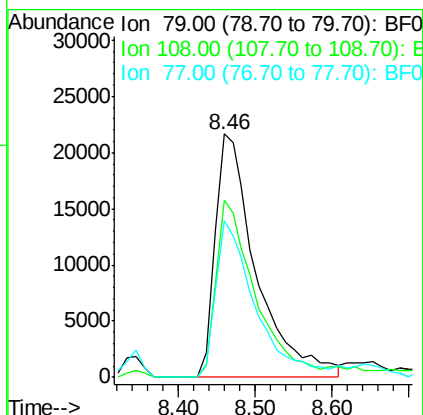
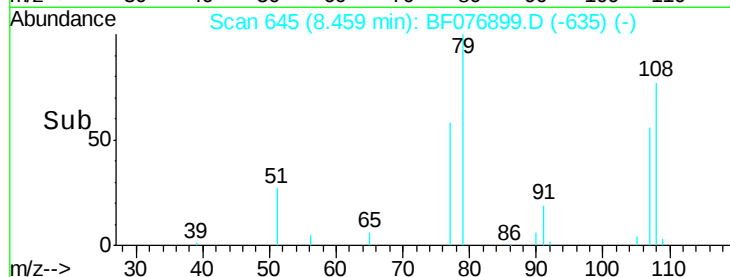
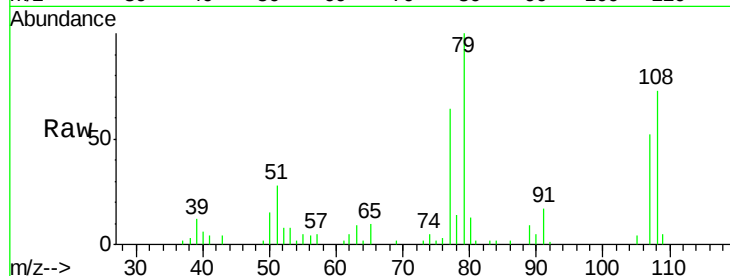
Tot Ion: 79 Resp: 80699

Ion Ratio Lower Upper

79 100

108 72.8 57.2 85.8

77 64.2 51.2 76.8



#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

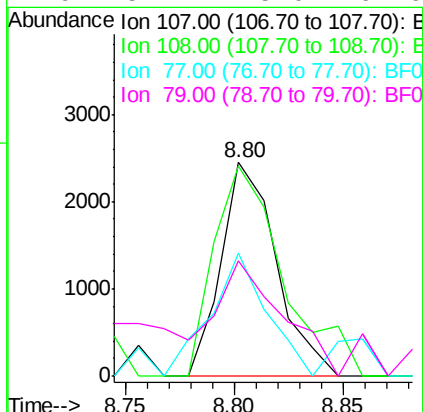
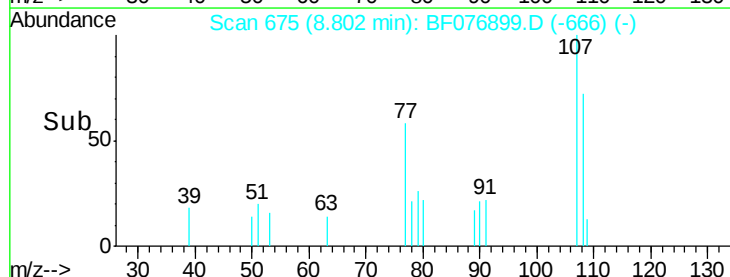
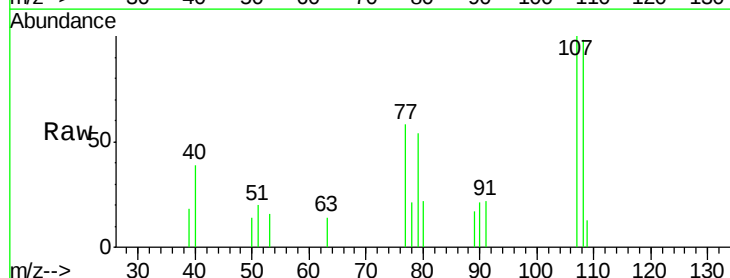
Ion Ratio Lower Upper

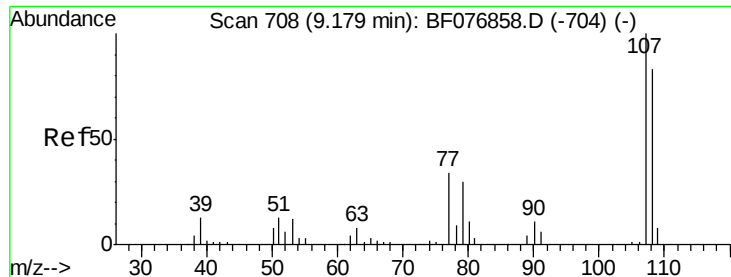
107 100

108 98.4 89.7 134.5

77 57.7 50.1 75.1

79 54.2 45.0 67.6

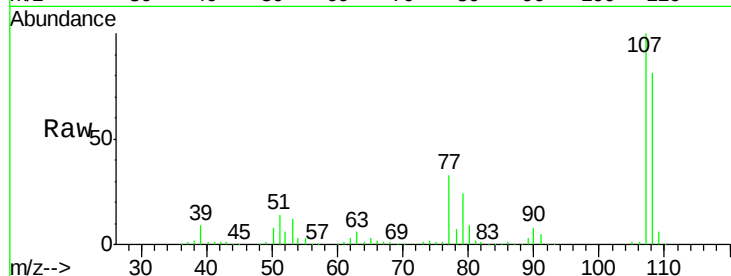




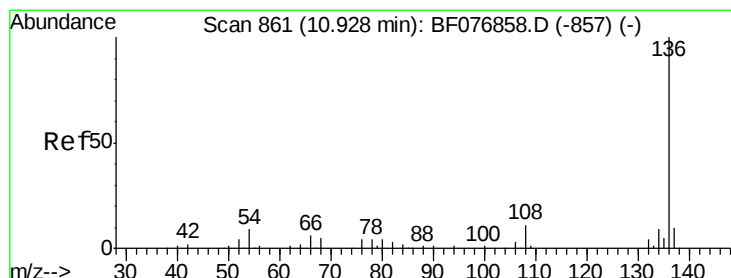
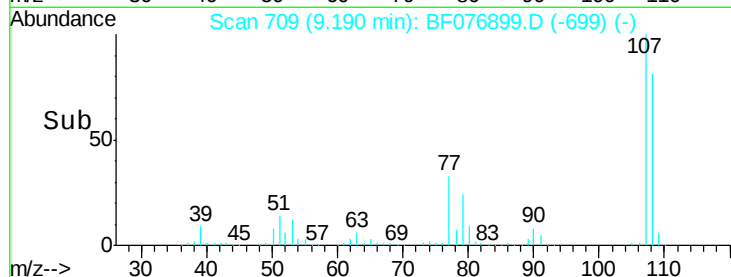
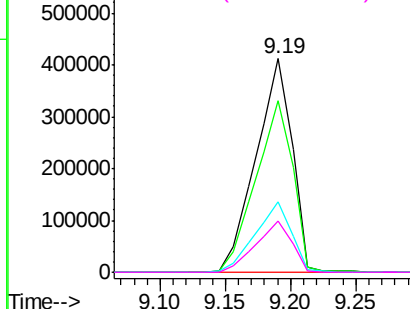
#20
3+4-Methylphenols
Concen: 351.16 ng
RT: 9.19 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

Instrument :
BNA_F
ClientSampleId :
WC-DRUMC-FP-68

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

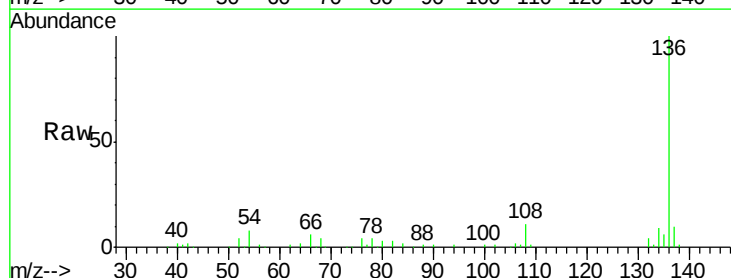


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

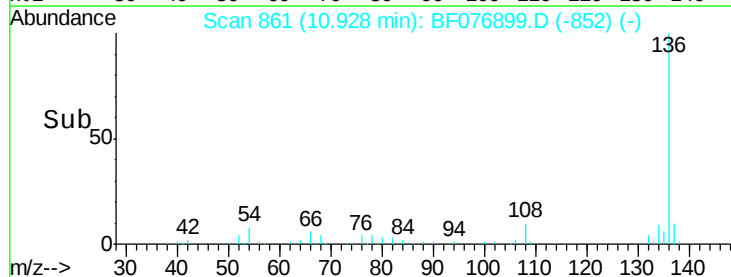
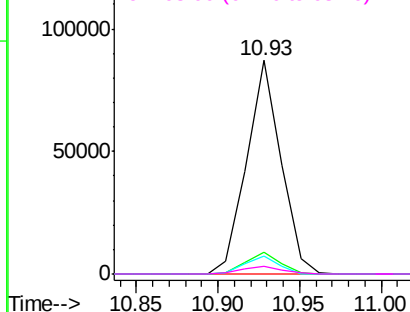


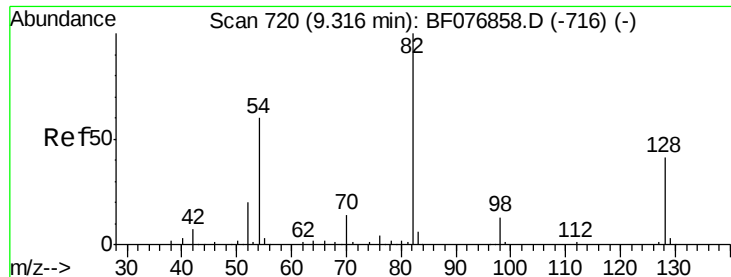
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

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

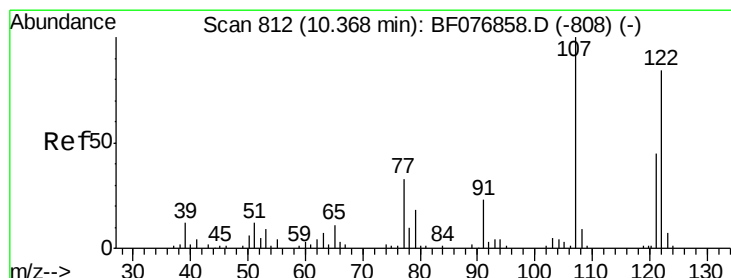
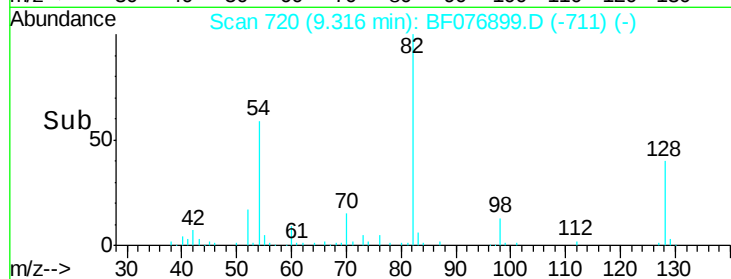
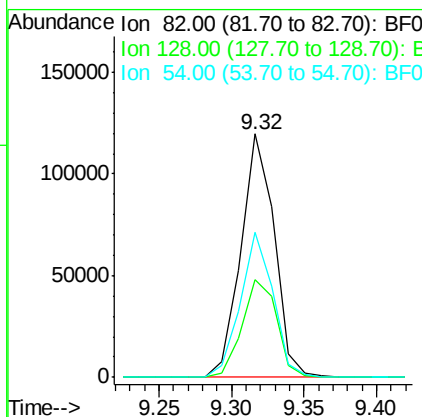
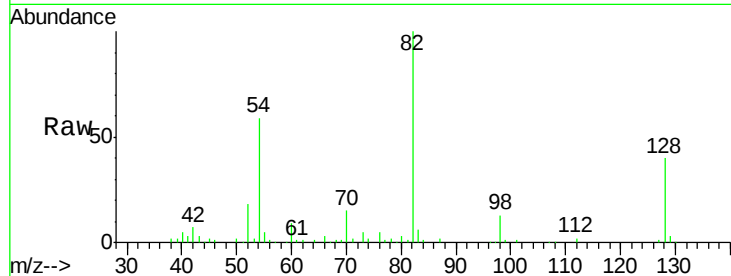




#23
Nitrobenzene-d5
Concen: 83.52 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

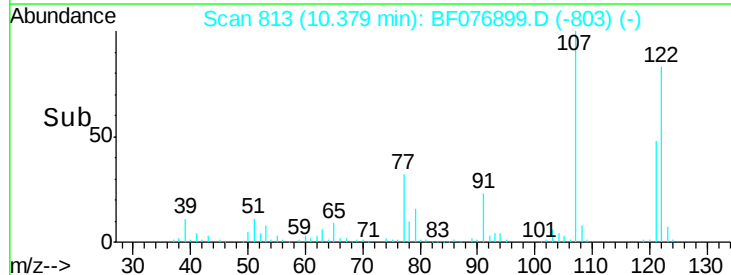
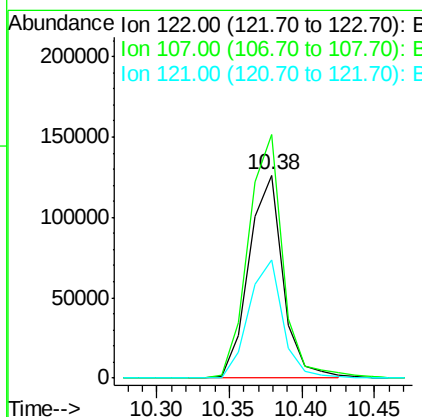
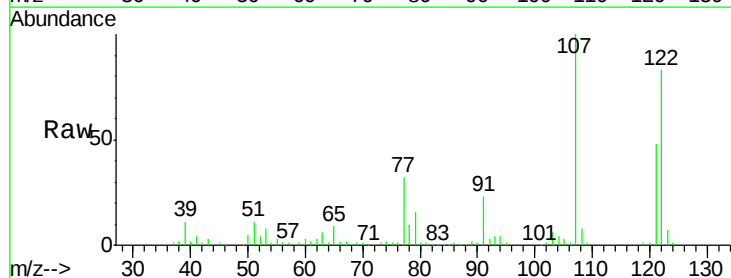
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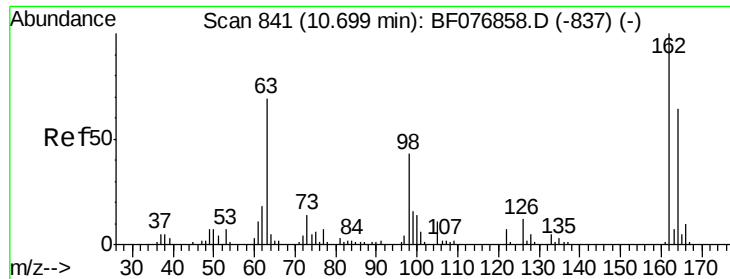
Tot Ion	82.00	Resp	191134
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.1	49.7
54	59.3	48.3	72.5



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

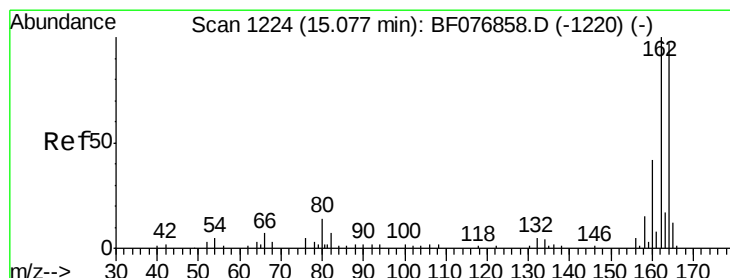
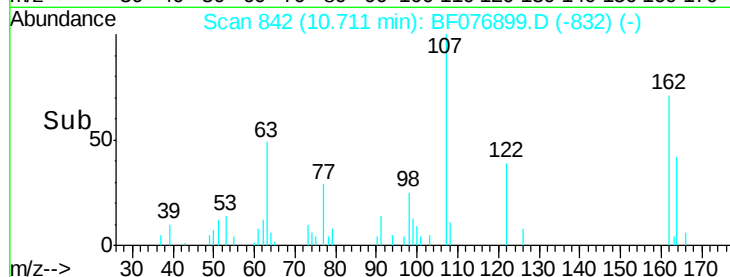
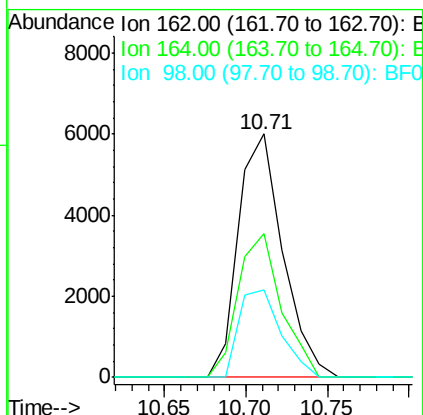
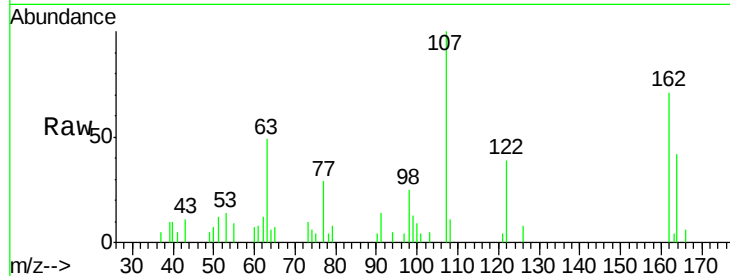




#29
 2,4-Dichlorophenol
 Concen: 6.77 ng
 RT: 10.71 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

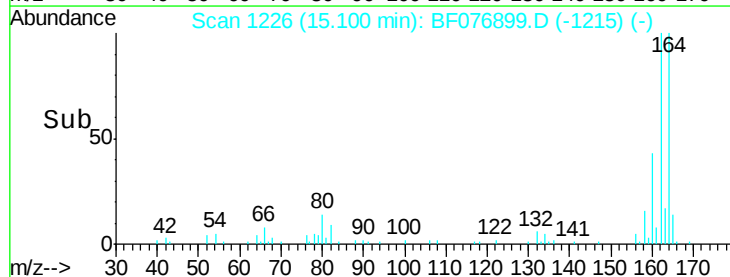
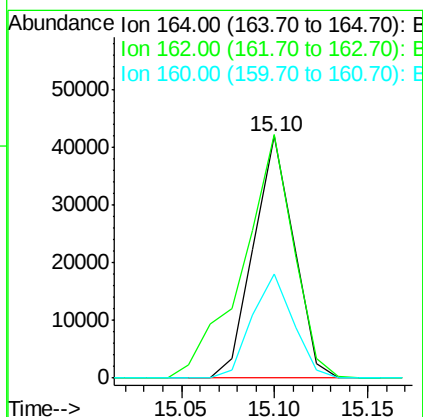
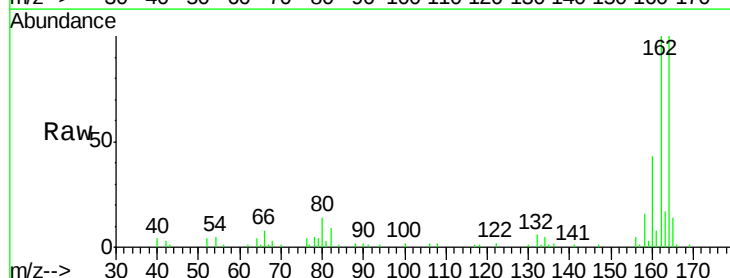
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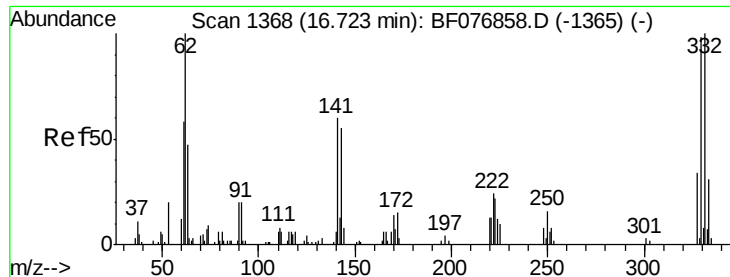
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.0	43.8	83.8
98	35.8	22.5	62.5



#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

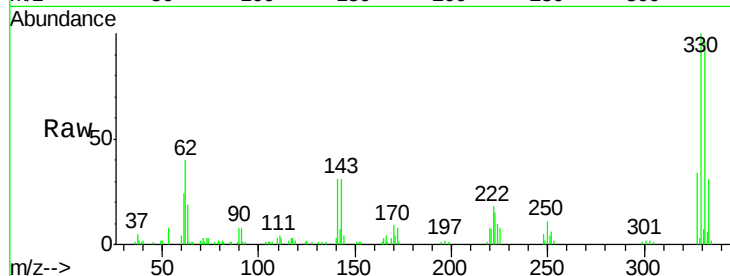




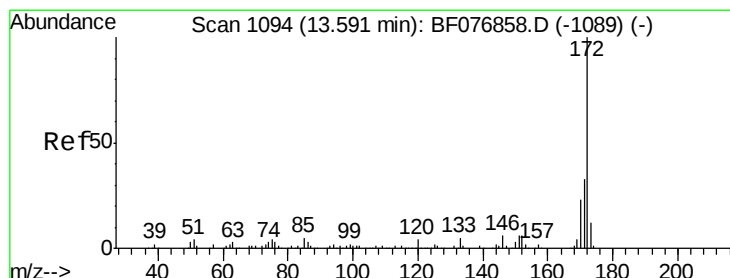
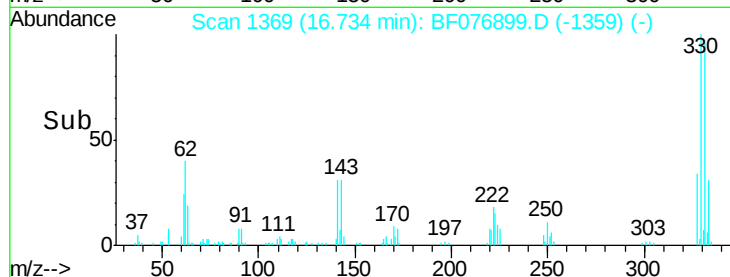
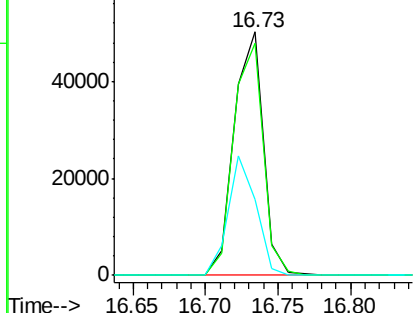
#41
 2,4,6-Tribromophenol
 Concen: 136.66 ng
 RT: 16.73 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUMC-FP-68

Tot Ion:330 Resp: 69986
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.8 116.6
 141 46.7 38.5 57.7

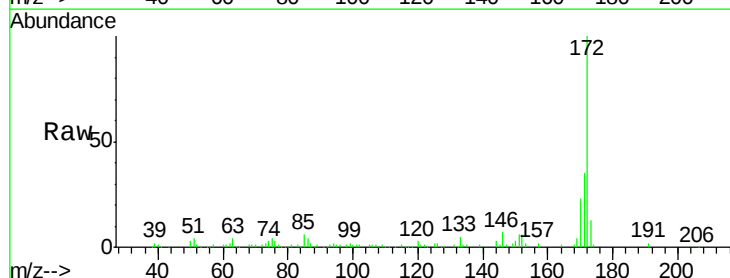


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

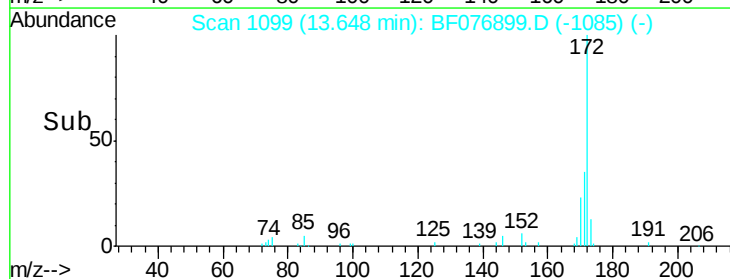
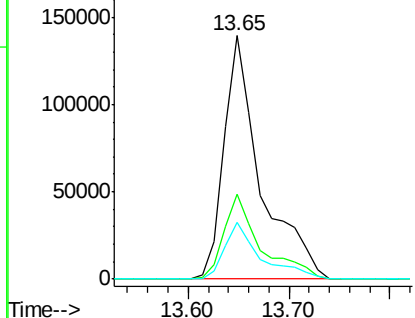


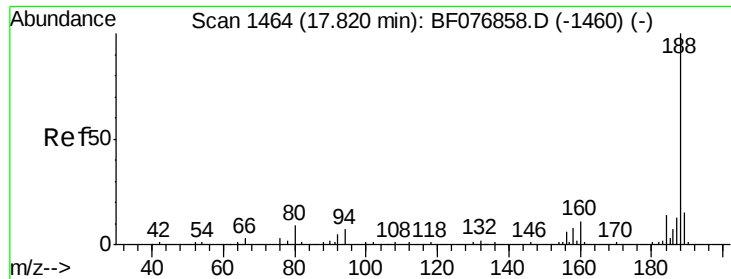
#44
 2-Fluorobiphenyl
 Concen: 85.30 ng m
 RT: 13.65 min Scan# 1099
 Delta R.T. 0.06 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

Tgt Ion:172 Resp: 353615
 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

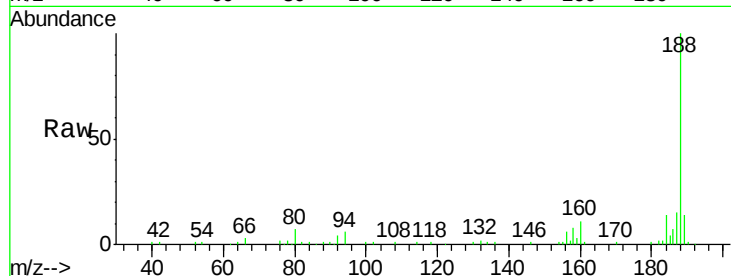




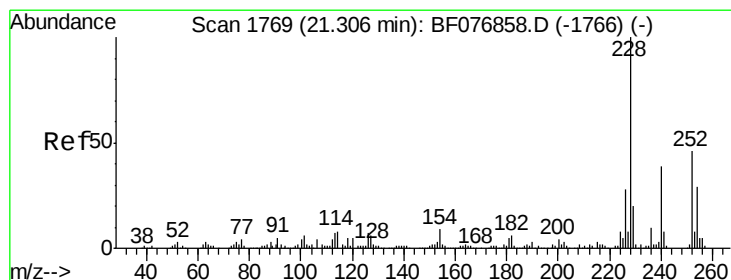
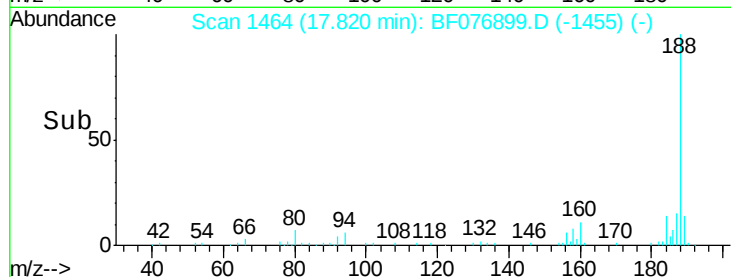
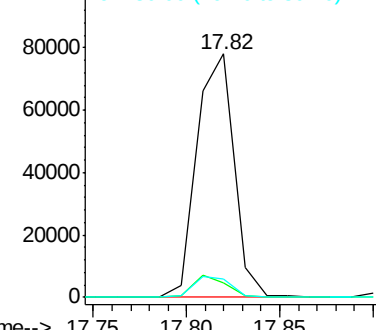
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

Instrument :
BNA_F
ClientSampleId :
WC-DRUMC-FP-68

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

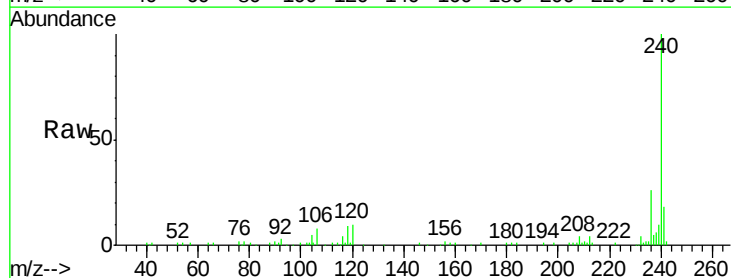


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

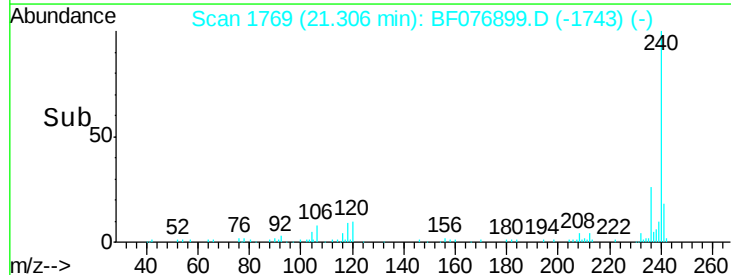
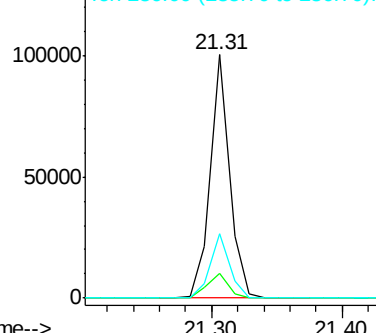


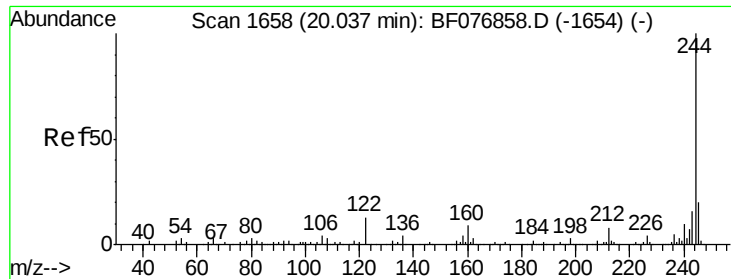
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076899.D
Acq: 16 Jan 2015 1:50

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 :

WC-DRUMC-FP-68

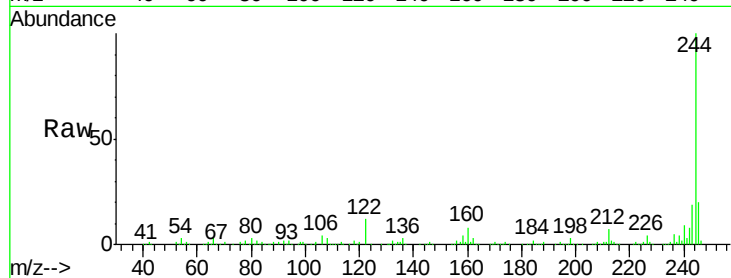
Tot Ion:244 Resp: 358770

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

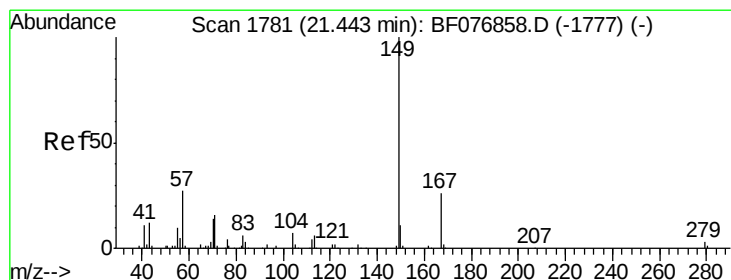
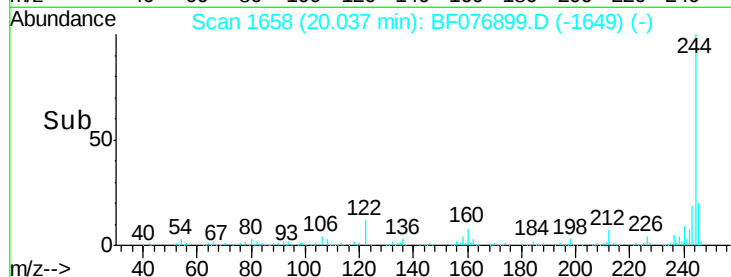
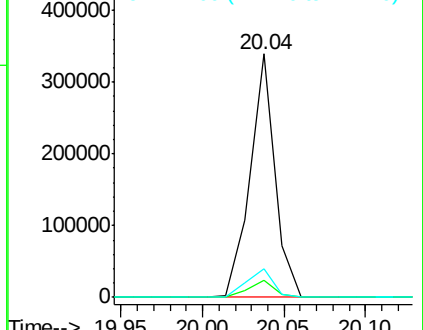
122 11.6 10.1 15.1



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



#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

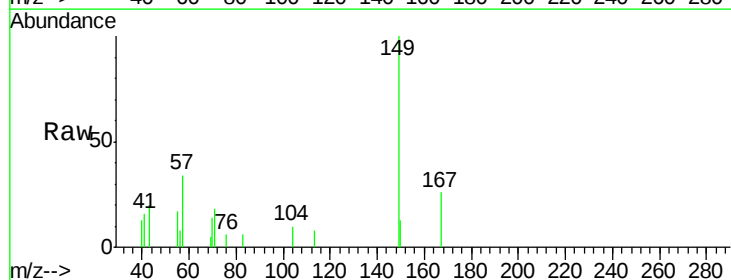
Tgt Ion:149 Resp: 11002

Ion Ratio Lower Upper

149 100

167 25.9 20.6 30.8

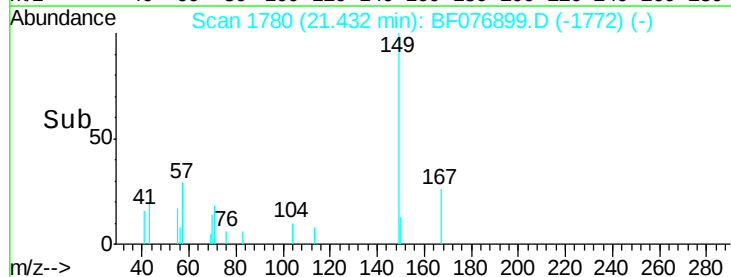
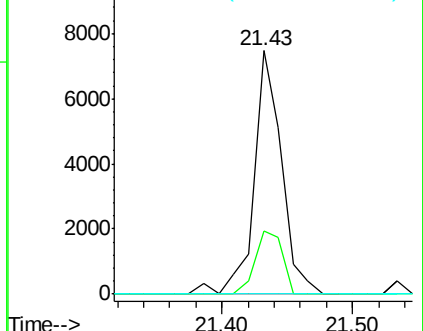
279 0.0 2.2 3.2#

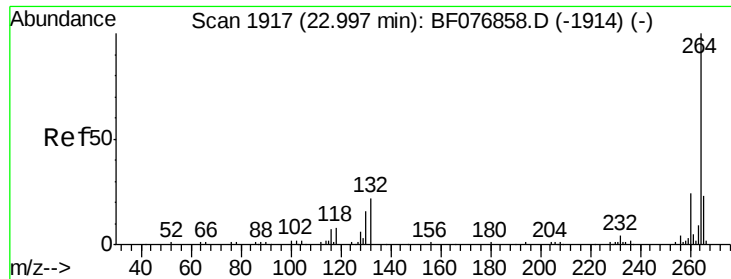


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

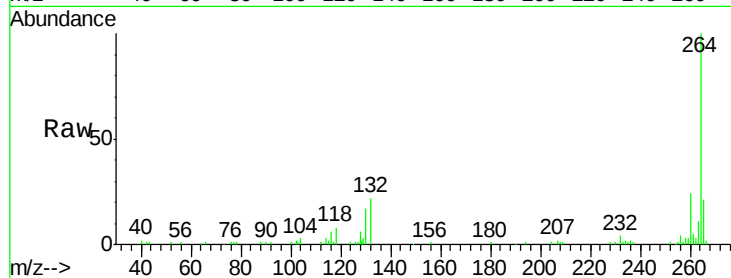




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.94 min Scan# 1912
 Delta R.T. -0.06 min
 Lab File: BF076899.D
 Acq: 16 Jan 2015 1:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-DRUMC-FP-68

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



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

