

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102039.D
 Acq On : 12 Jan 2018 00:34
 Operator : SJ/JU
 Sample : J1082-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-07

Quant Time: Jan 12 02:49:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

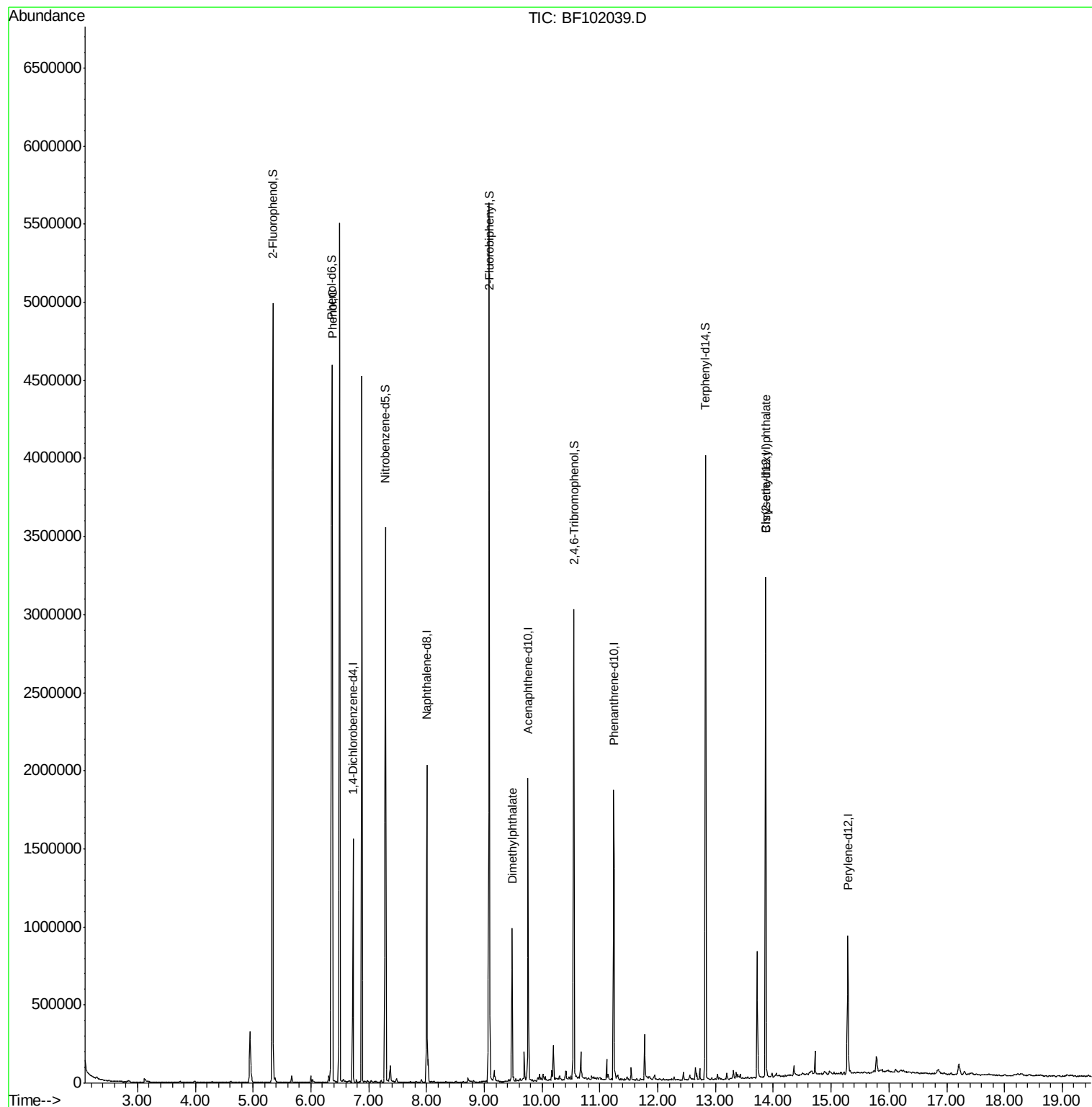
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	223033	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	893006	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	383419	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	606808	20.00	ng	0.00
75) Chrysene-d12	13.87	240	335937	20.00	ng	0.00
86) Perylene-d12	15.29	264	386942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1754797	111.10	ng	0.01
7) Phenol-d6	6.36	99	2089312	110.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	1348984	88.77	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	393380	117.57	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2095247	85.37	ng	0.00
78) Terphenyl-d14	12.83	244	1543419	95.39	ng	0.00
Target Compounds						
10) Phenol	6.37	94	97071	4.558	ng	100
49) Dimethylphthalate	9.48	163	346254	11.257	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	670661	42.900	ng	99

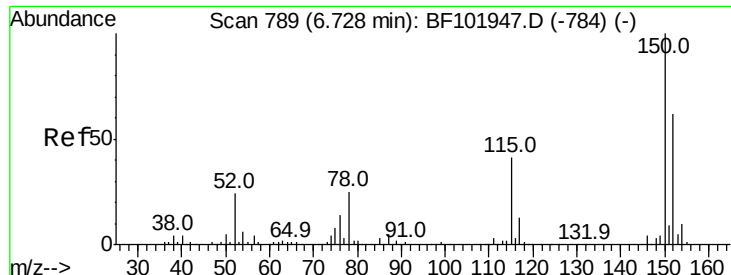
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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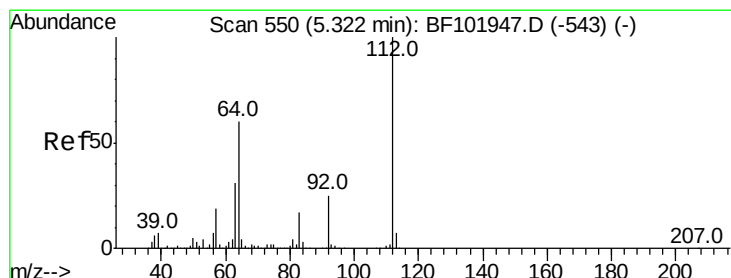
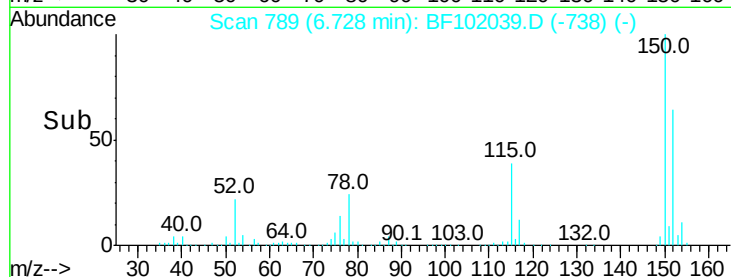
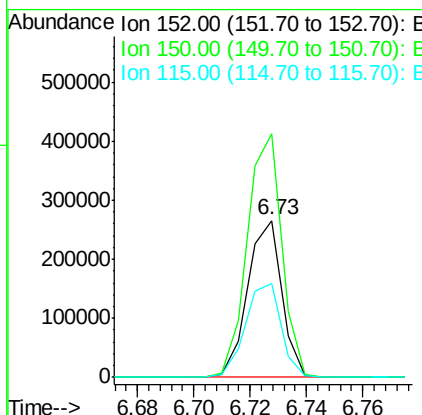
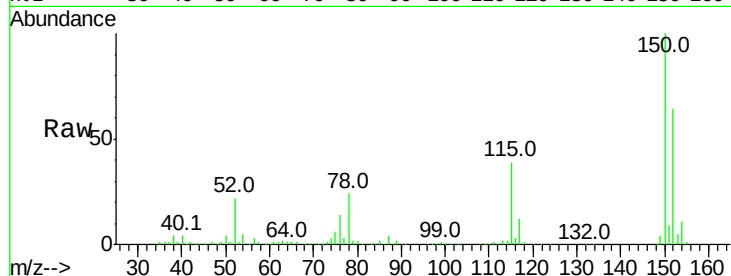


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

Instrument :
BNA_F
ClientSampled :
EP-07

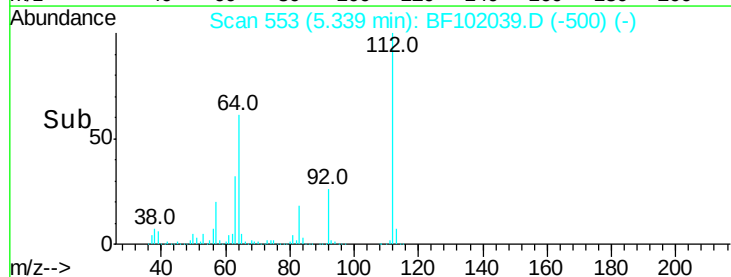
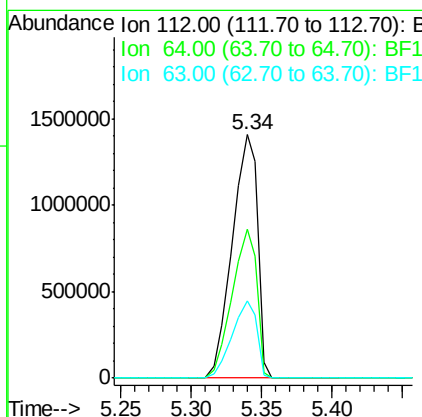
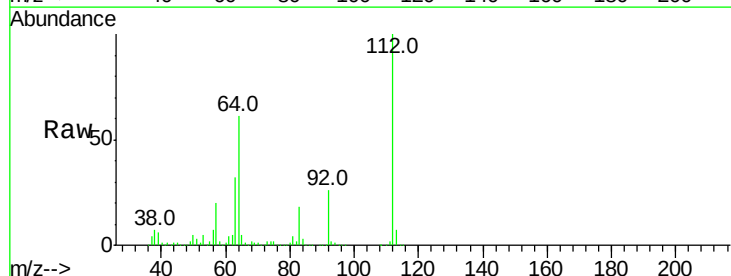
Tot Ion:152 Resp: 223033
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.2 50.1 75.1

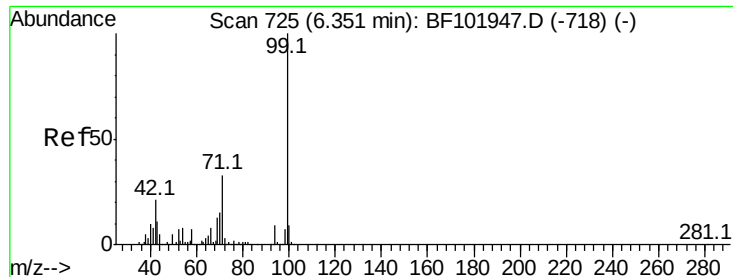


#5

2-Fluorophenol
Concen: 111.101 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

Tgt Ion:112 Resp: 1754797
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 110.871 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102039.D

Acq: 12 Jan 2018 00:34

Instrument :

BNA_F

ClientSampleId :

EP-07

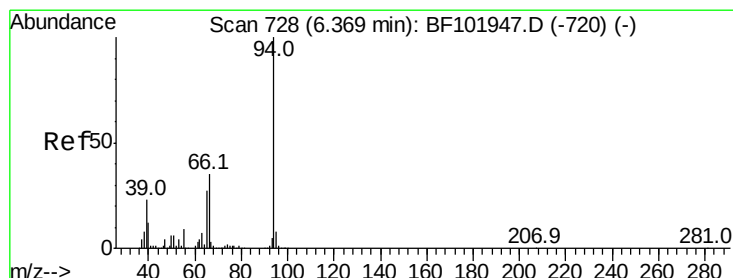
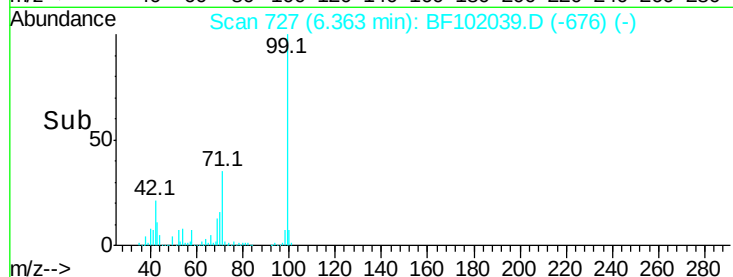
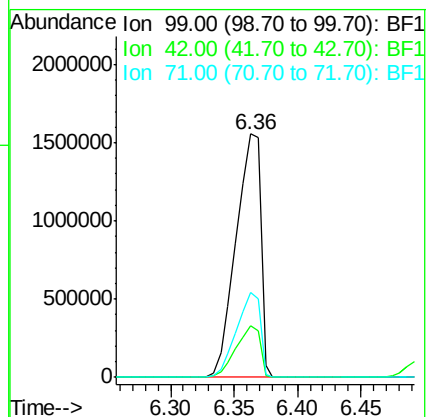
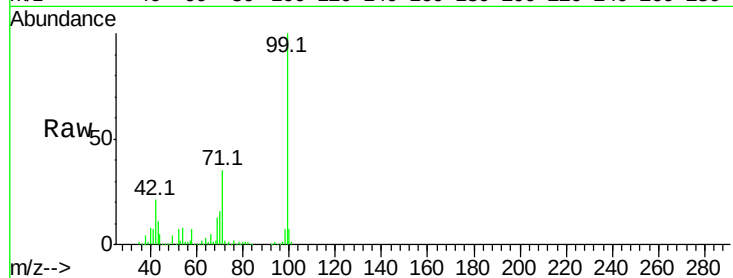
Tot Ion: 99 Resp: 2089312

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

71 35.0 25.4 38.0



#10

Phenol

Concen: 4.558 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102039.D

Acq: 12 Jan 2018 00:34

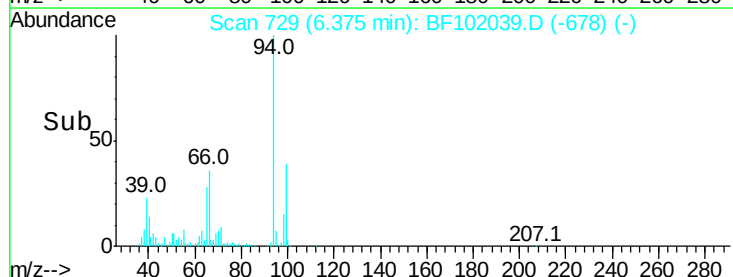
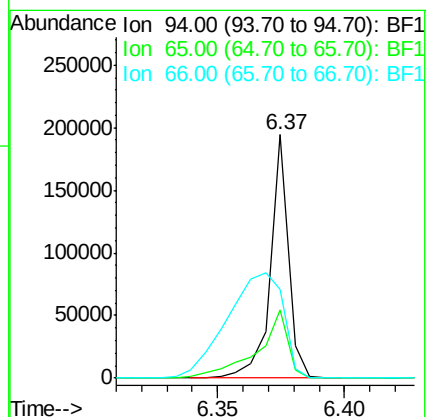
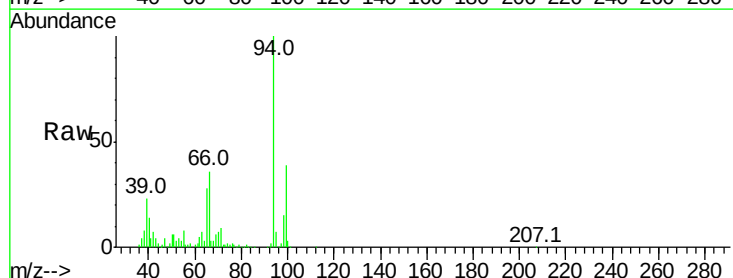
Tgt Ion: 94 Resp: 97071

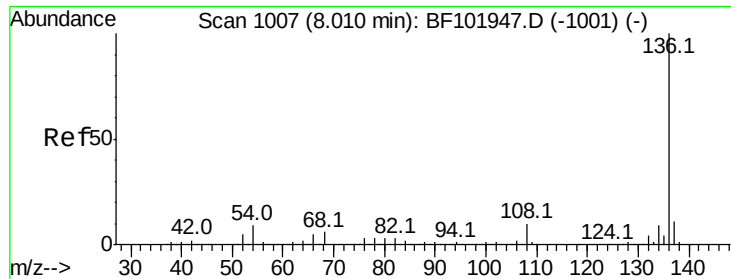
Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 36.4 16.2 56.2

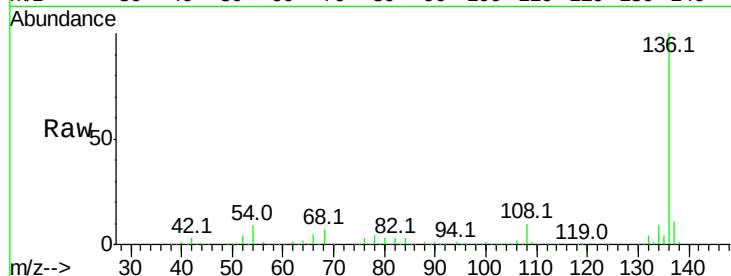




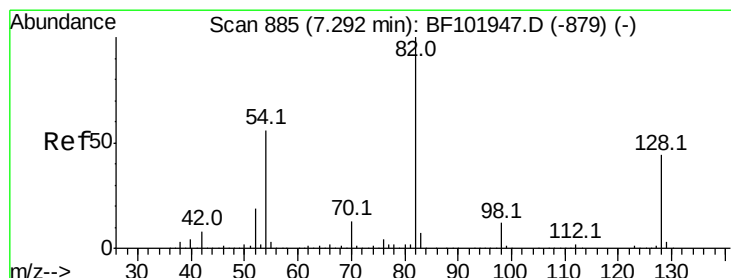
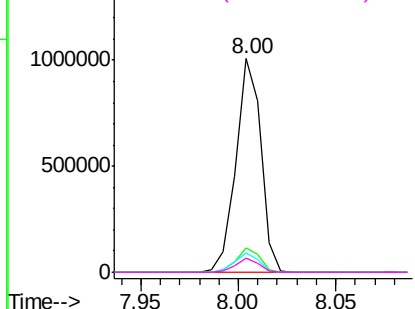
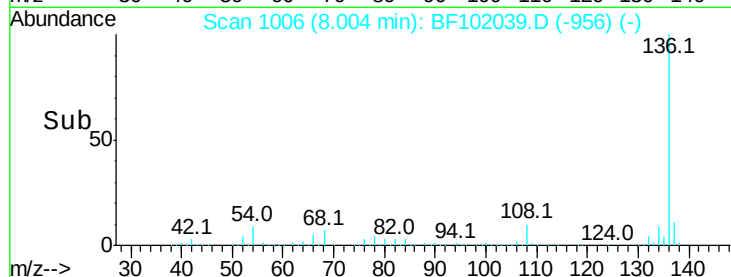
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

Instrument :
BNA_F
ClientSampleId :
EP-07

Tot Ion:	136	Resp:	893006
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.9	6.6	9.8
68	6.7	5.0	7.4

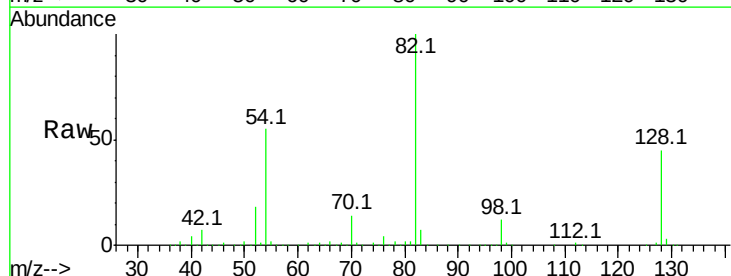


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

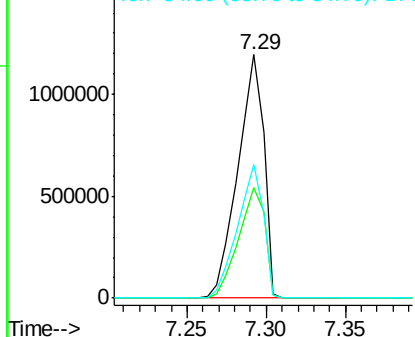
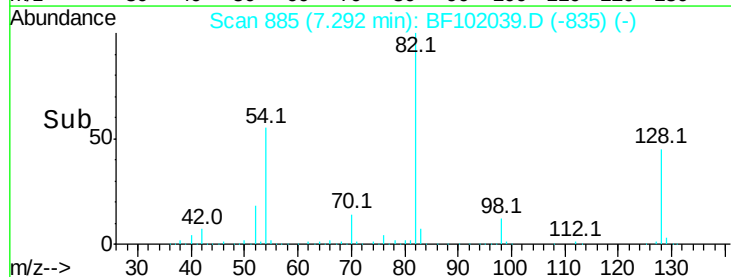


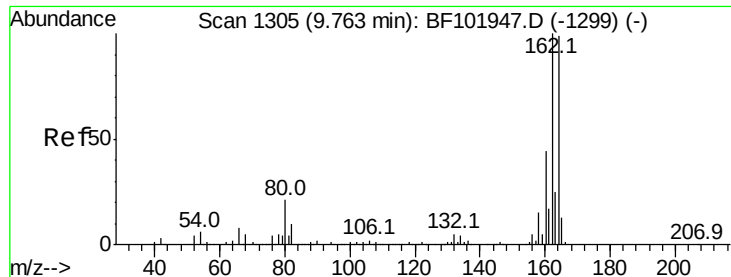
#23
Nitrobenzene-d5
Concen: 88.770 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

Tgt Ion:	82	Resp:	1348984
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	55.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

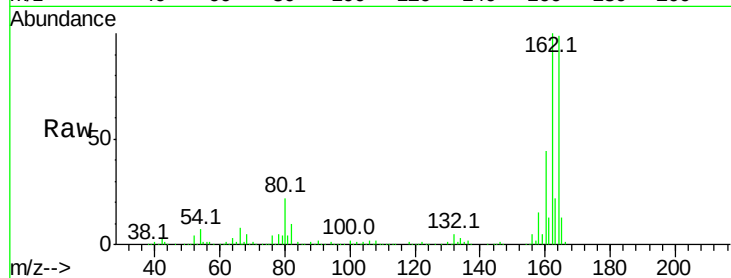




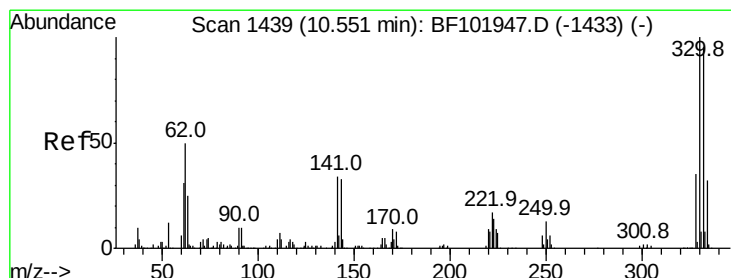
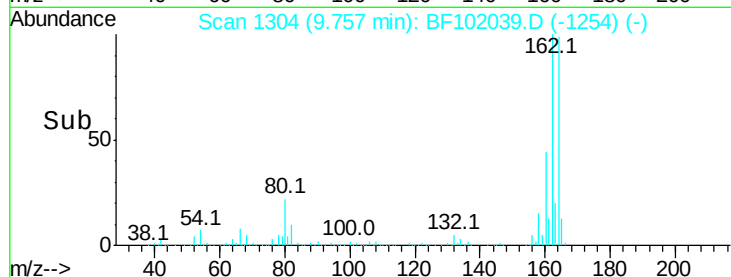
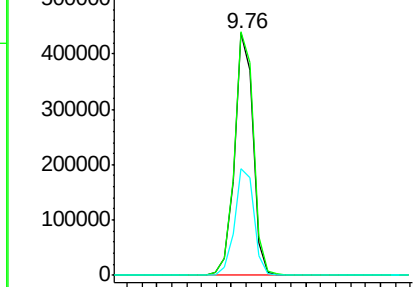
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :
 EP-07

Tot Ion:164 Resp: 383419
 Ion Ratio Lower Upper
 164 100
 162 100.6 86.1 129.1
 160 44.3 38.3 57.5

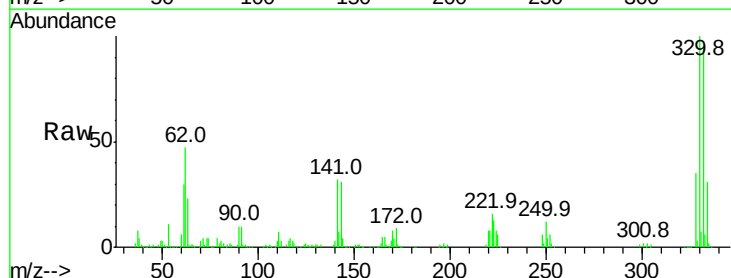


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

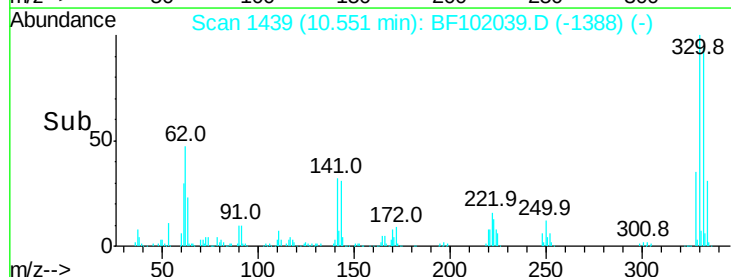
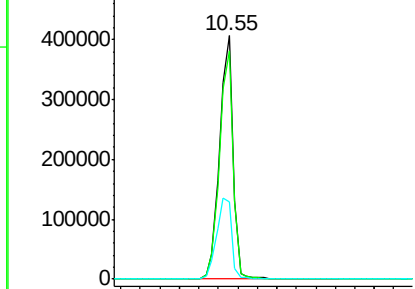


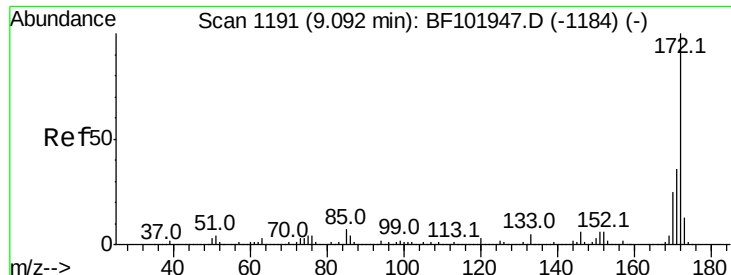
#41
 2,4,6-Tribromophenol
 Concen: 117.566 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

Tgt Ion:330 Resp: 393380
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 37.0 29.9 44.9



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



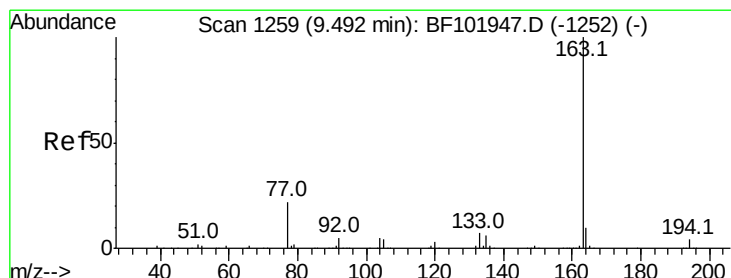
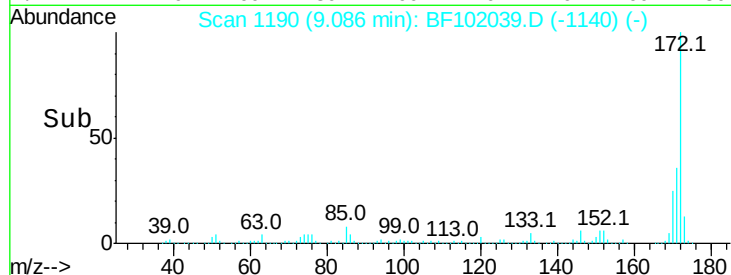
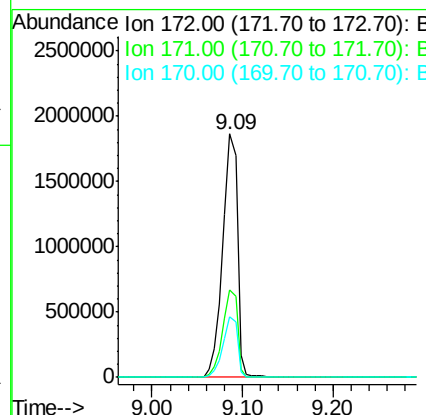
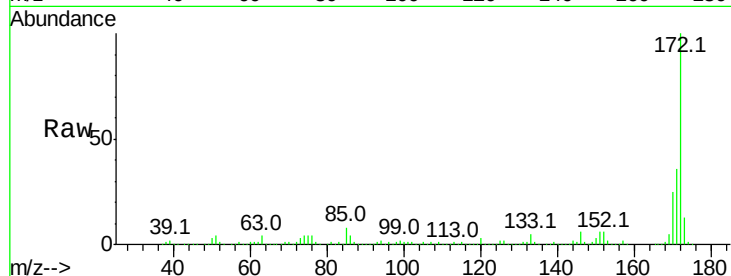


#44
 2-Fluorobiphenyl
 Concen: 85.373 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :
 EP-07

Tot Ion:172 Resp: 2095247

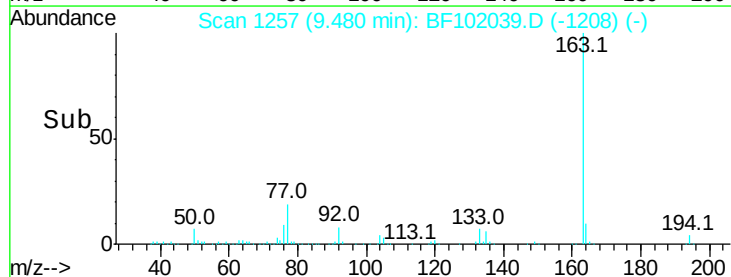
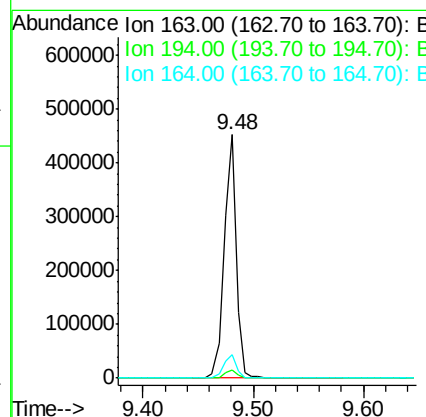
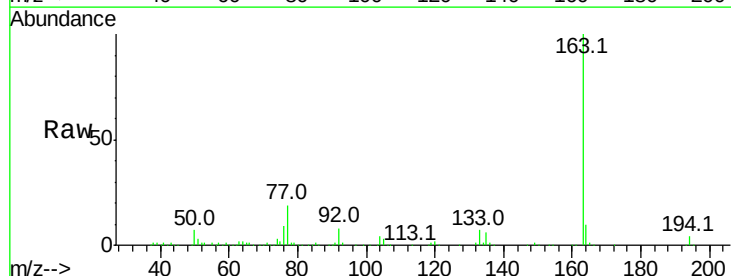
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	19.6	29.4

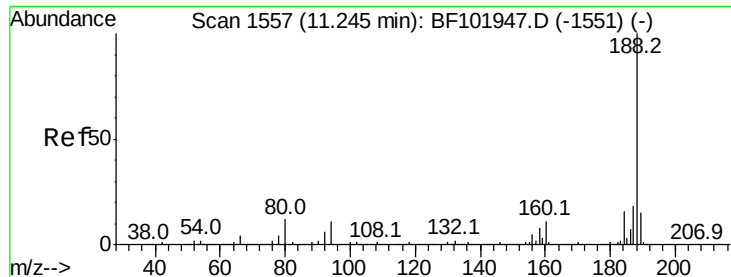


#49
 Dimethylphthalate
 Concen: 11.257 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

Tgt Ion:163 Resp: 346254

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2

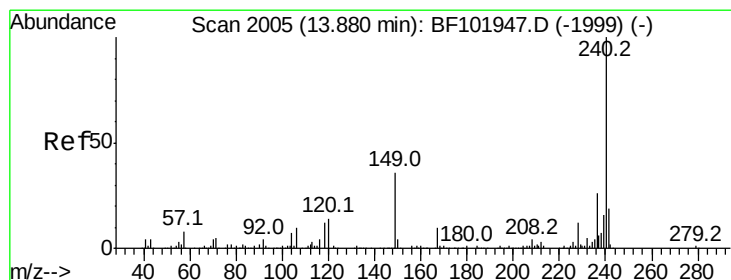
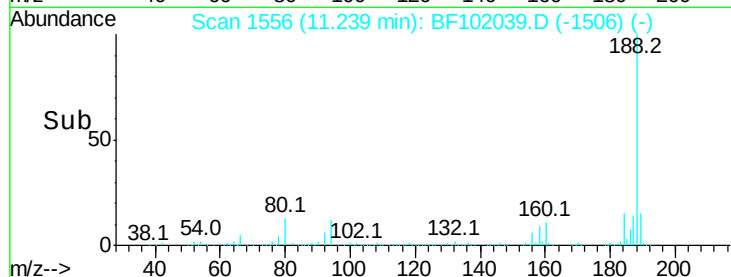
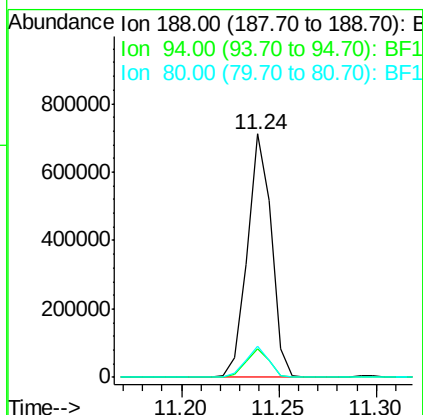
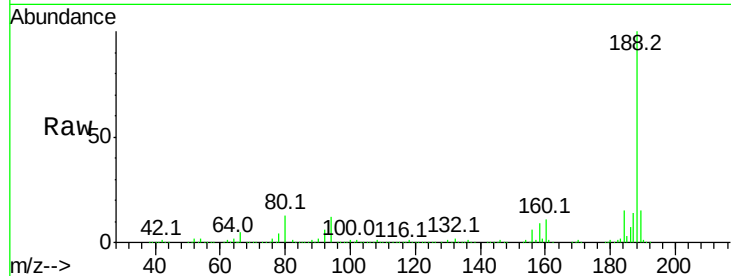




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

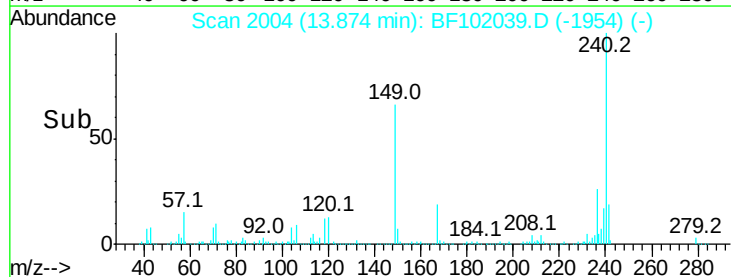
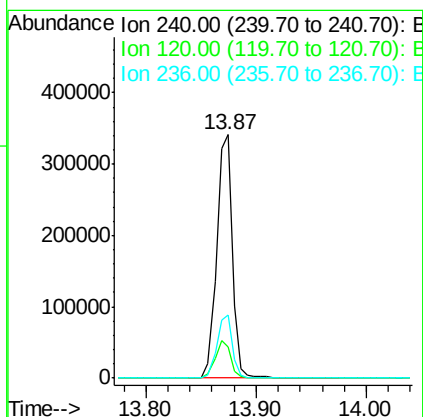
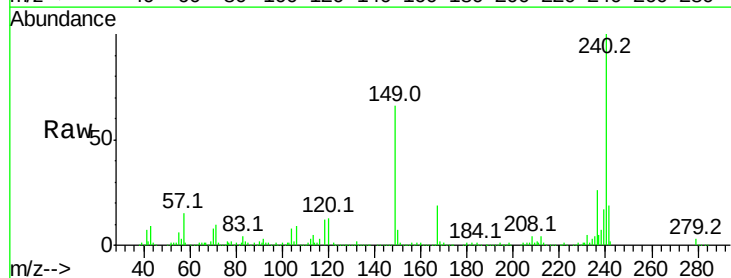
Instrument :
BNA_F
ClientSampleId :
EP-07

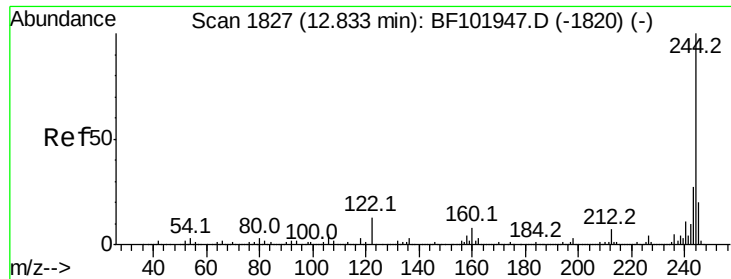
Tot Ion:188 Resp: 606808
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102039.D
Acq: 12 Jan 2018 00:34

Tgt Ion:240 Resp: 335937
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.1 20.7 31.1



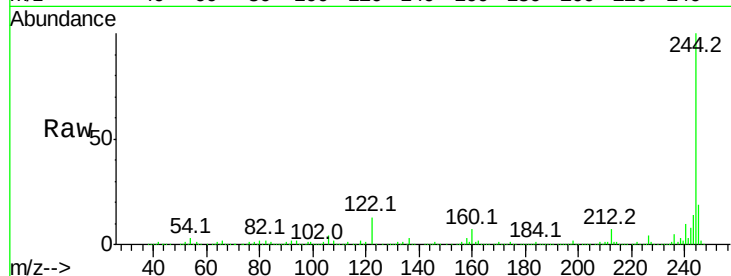


#78
 Terphenyl-d14
 Concen: 95.391 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

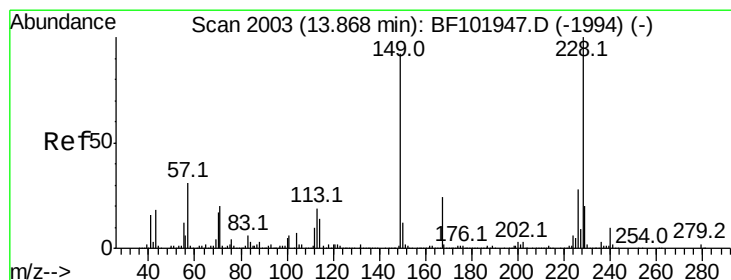
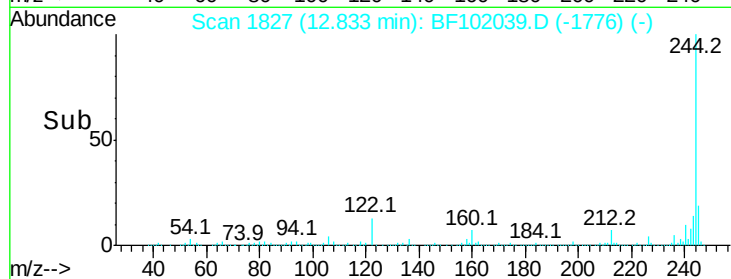
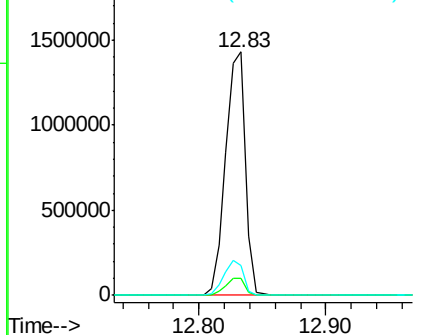
Instrument :
 BNA_F
 ClientSampleId :
 EP-07

Tot Ion:244 Resp: 1543419

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4



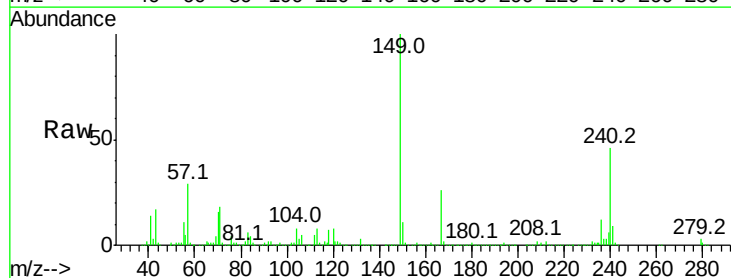
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



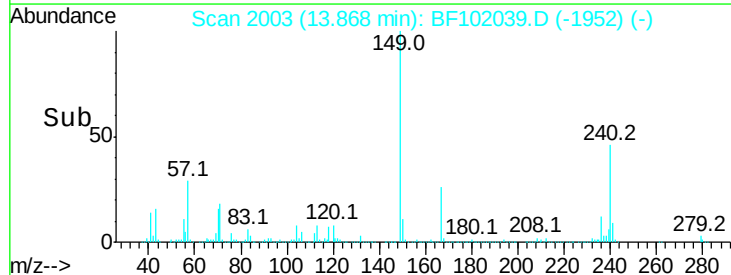
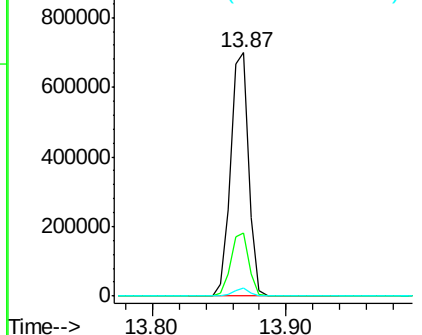
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.900 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

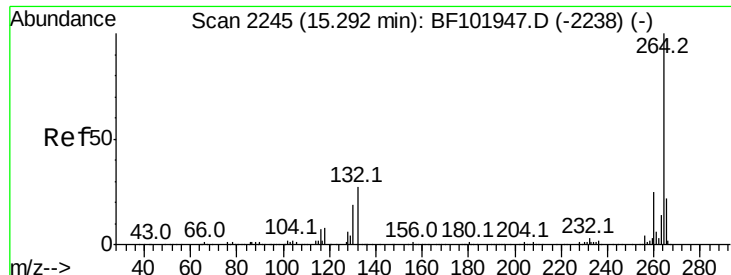
Tgt Ion:149 Resp: 670661

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.1	3.0	4.4



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

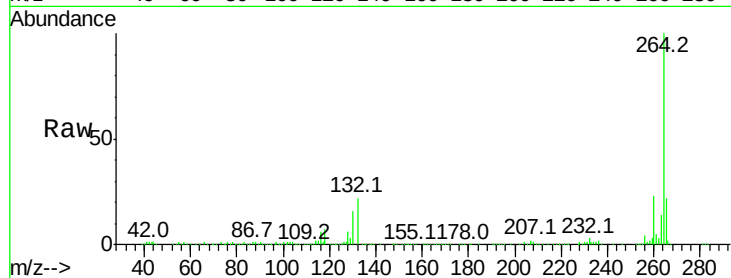




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102039.D
 Acq: 12 Jan 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :
 EP-07

Tot Ion:264 Resp: 386942
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 17.5 26.3



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

