

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111533.D
 Acq On : 17 Dec 2018 12:20
 Operator : JU/SJ
 Sample : J6377-02 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

Quant Time: Dec 18 04:31:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

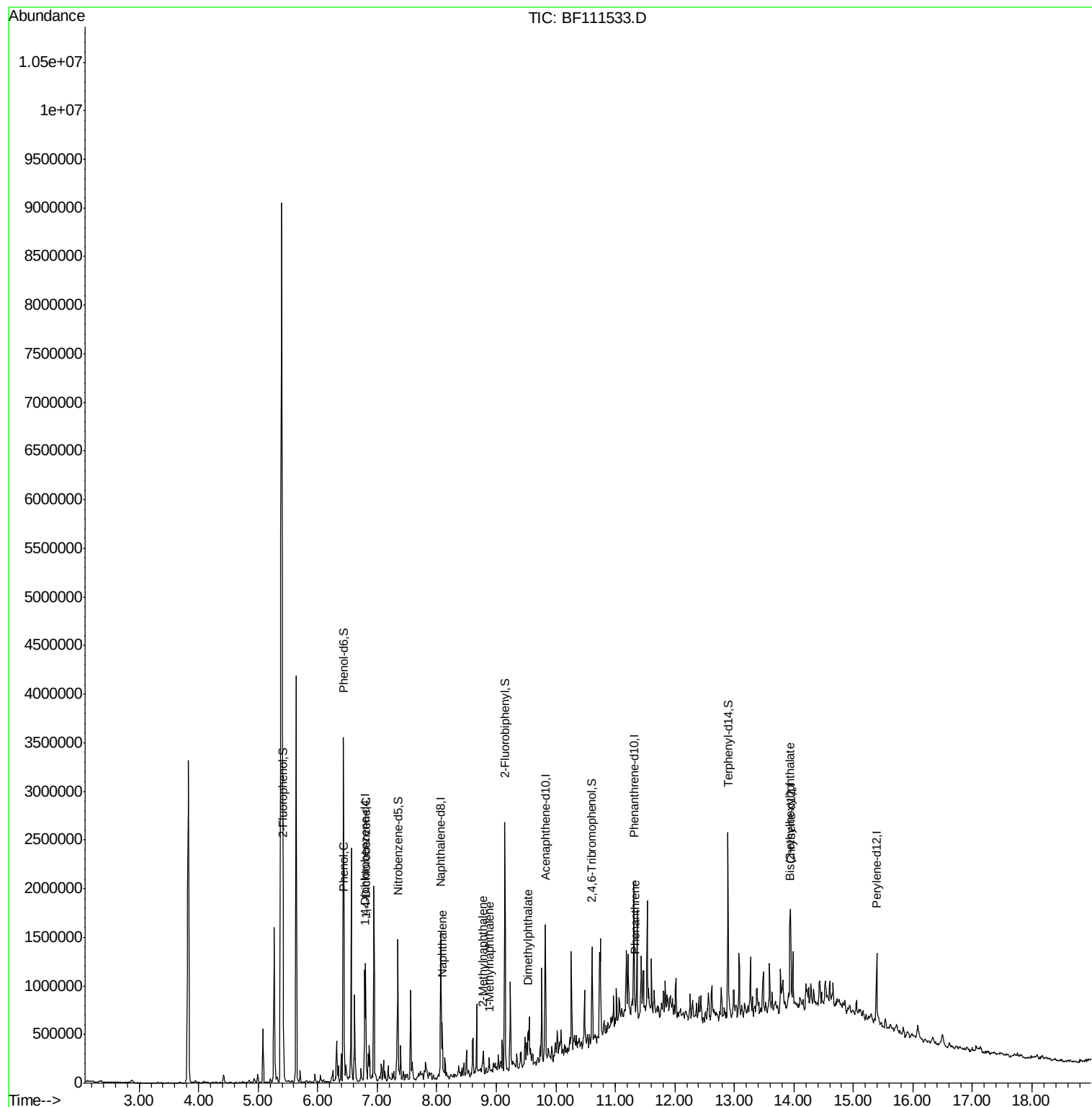
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	168980	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	647241	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	284482	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	413076	20.00	ng	0.00
76) Chrysene-d12	13.94	240	358471	20.00	ng	0.00
87) Perylene-d12	15.39	264	350337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	522867	51.49	ng	0.00
7) Phenol-d6	6.43	99	653551	48.38	ng	0.00
23) Nitrobenzene-d5	7.35	82	423035	38.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	98787	38.77	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	764532	41.51	ng	-0.01
79) Terphenyl-d14	12.89	244	552591	36.20	ng	0.00
Target Compounds						
10) Phenol	6.45	94	58540	3.890	ng	97
13) 1,4-Dichlorobenzene	6.80	146	252899	18.655	ng	100
31) Naphthalene	8.09	128	221187	7.306	ng	# 94
37) 2-Methylnaphthalene	8.78	142	73838	3.604	ng	98
38) 1-Methylnaphthalene	8.88	142	39804	2.011	ng	100
50) Dimethylphthalate	9.54	163	43877	2.142	ng	# 94
71) Phenanthrene	11.33	178	51627	2.426	ng	94
84) Bis(2-ethylhexyl)phthalate	13.93	149	175509	11.154	ng	100

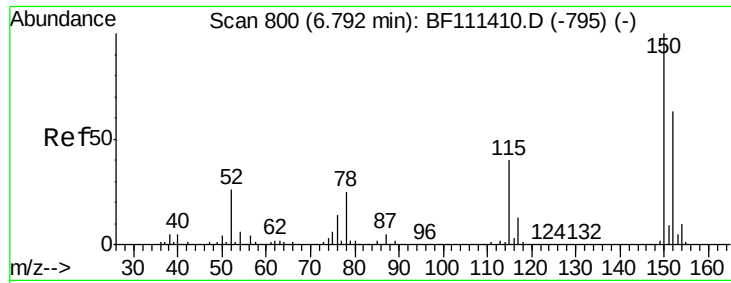
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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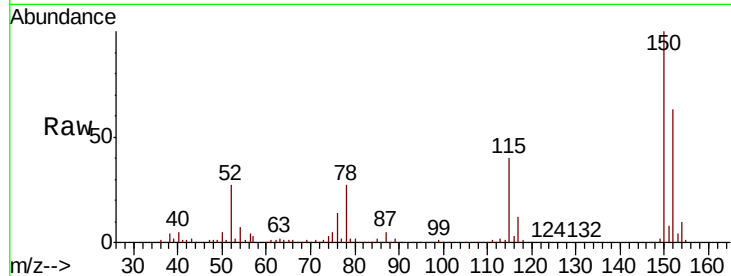




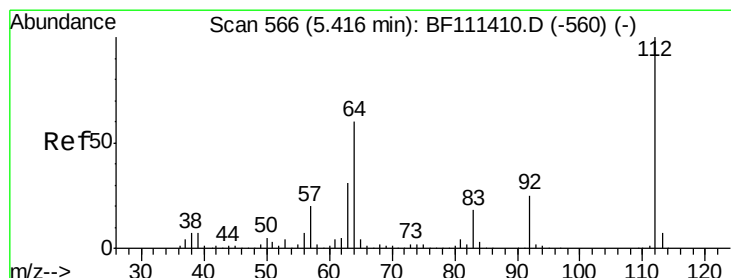
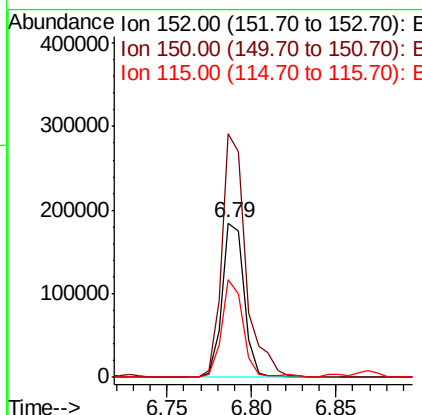
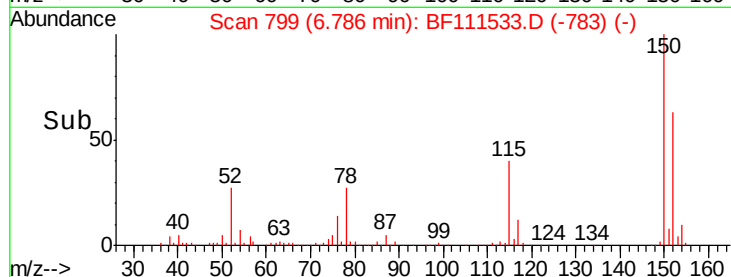
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111533.D
 Acq: 17 Dec 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

Tot Ion:152 Resp: 168980
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.6 189.8
 115 63.2 50.7 76.1

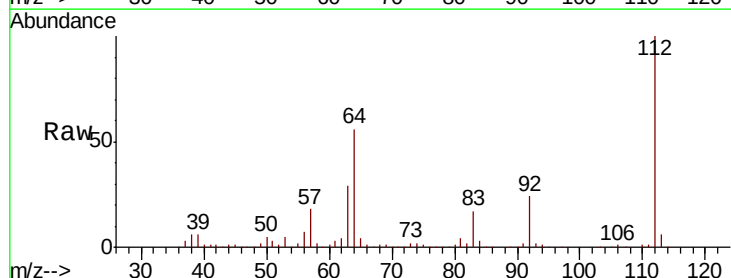


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

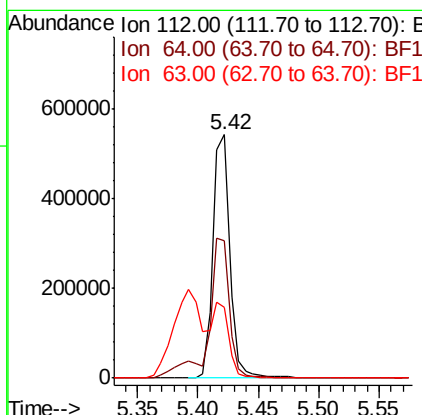
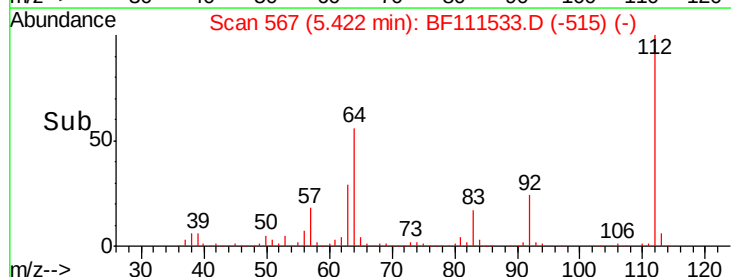


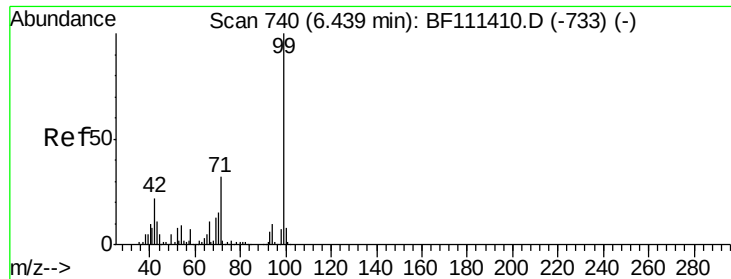
#5
 2-Fluorophenol
 Concen: 51.490 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF111533.D
 Acq: 17 Dec 2018 12:20

Tgt Ion:112 Resp: 522867
 Ion Ratio Lower Upper
 112 100
 64 56.3 51.8 77.6
 63 29.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 48.384 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

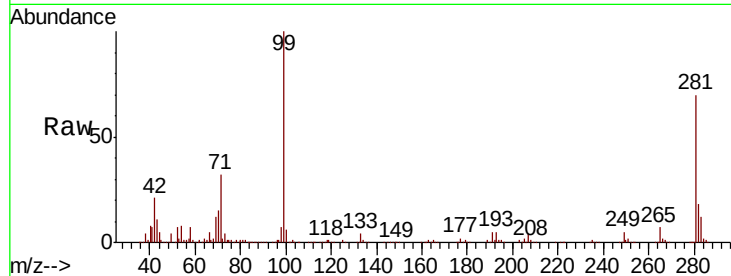
Tot Ion: 99 Resp: 653551

Ion Ratio Lower Upper

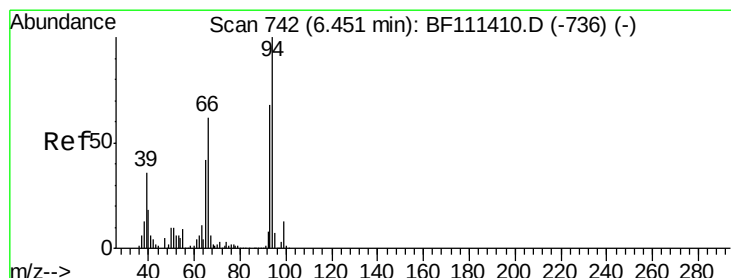
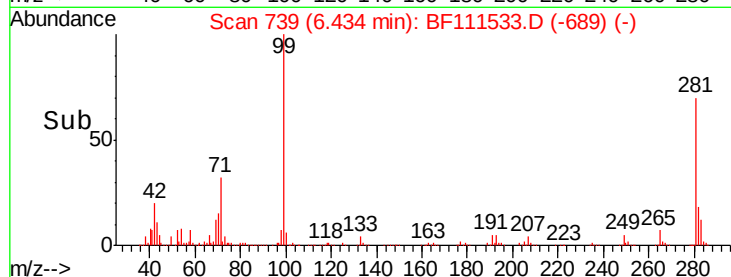
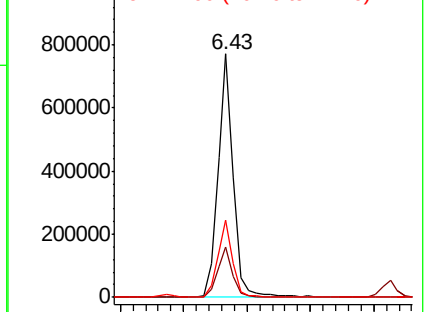
99 100

42 20.5 17.4 26.0

71 31.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.890 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

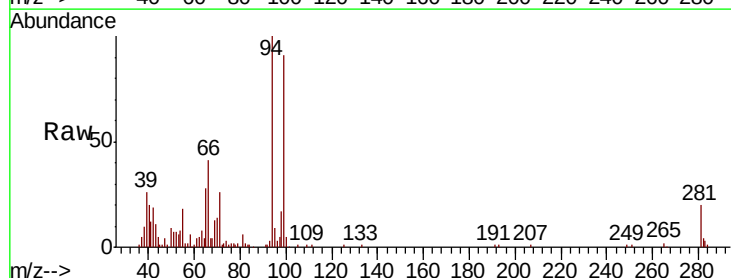
Tgt Ion: 94 Resp: 58540

Ion Ratio Lower Upper

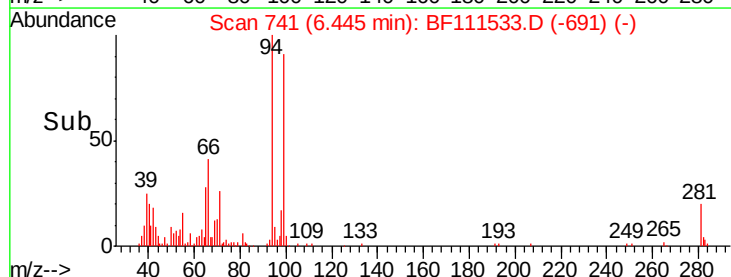
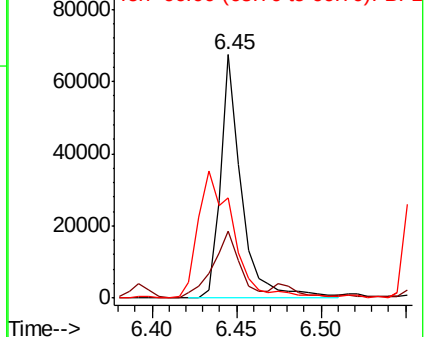
94 100

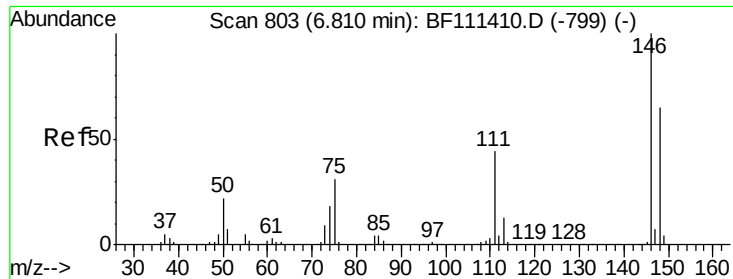
65 27.7 11.7 51.7

66 41.1 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

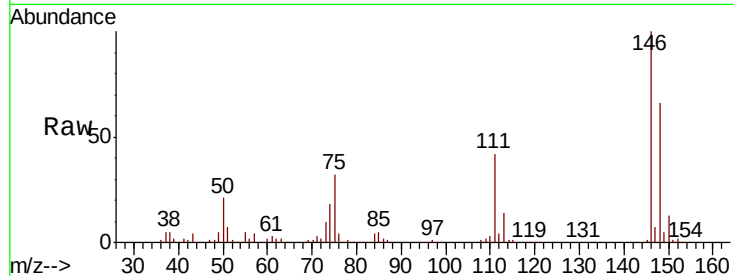




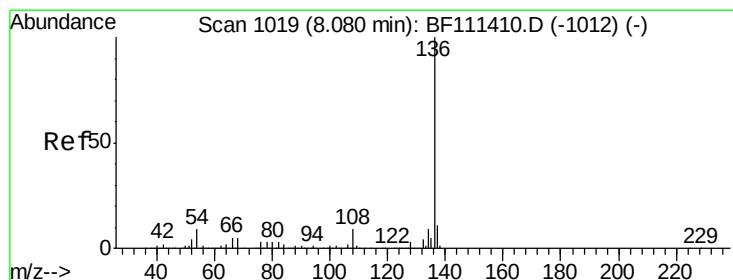
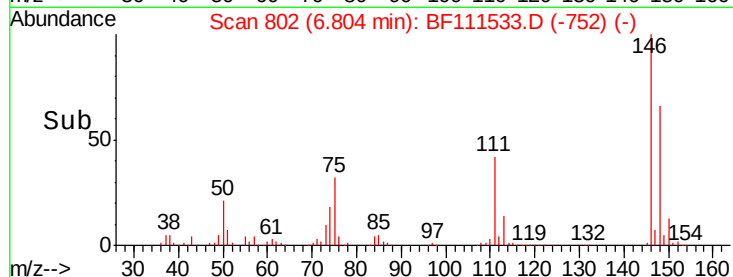
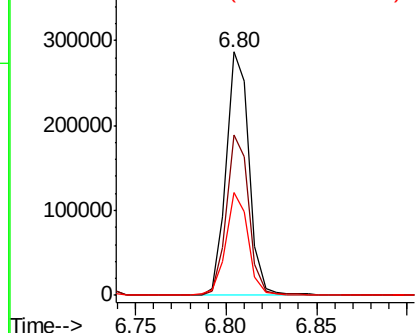
#13
 1,4-Dichlorobenzene
 Concen: 18.655 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF111533.D
 Acq: 17 Dec 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

Tot Ion:146 Resp: 252899
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.8 79.2
 111 42.2 33.4 50.0

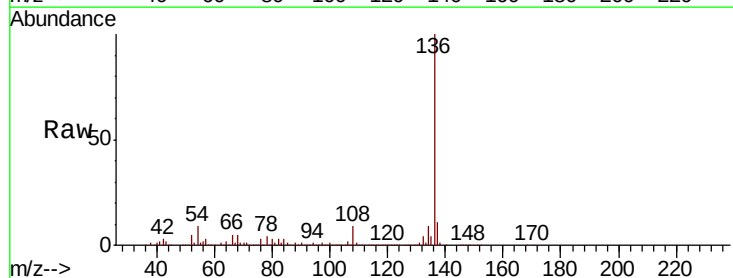


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

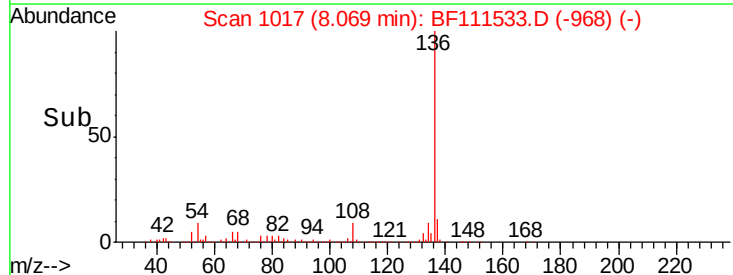
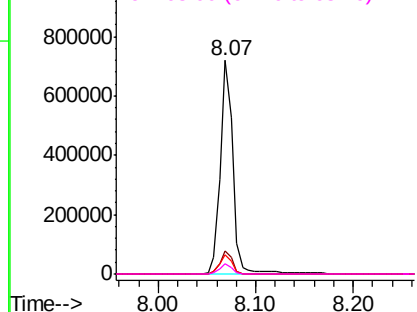


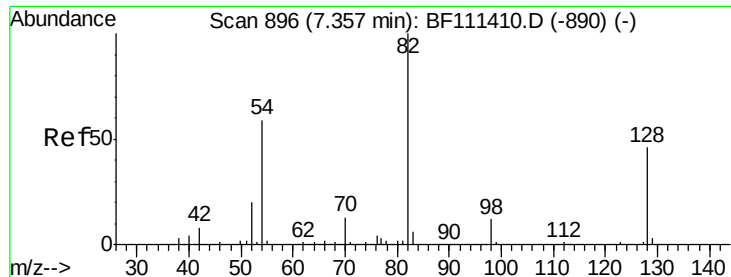
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF111533.D
 Acq: 17 Dec 2018 12:20

Tgt Ion:136 Resp: 647241
 Ion Ratio Lower Upper
 136 100
 137 10.9 9.1 13.7
 54 8.8 7.7 11.5
 68 5.0 4.9 7.3



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

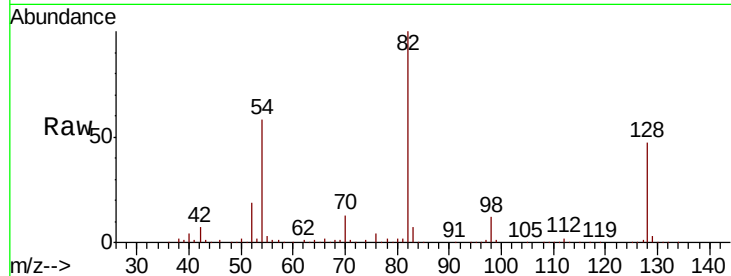




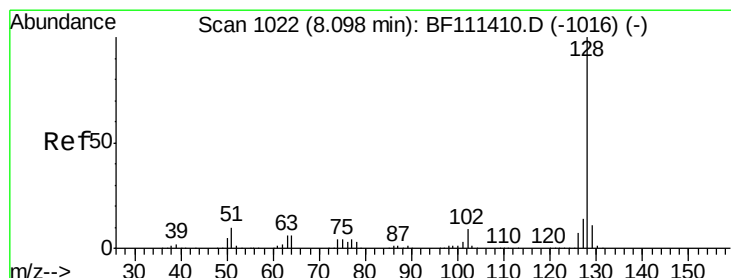
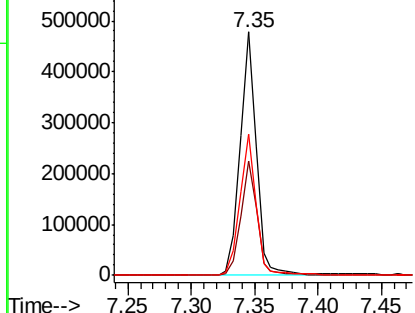
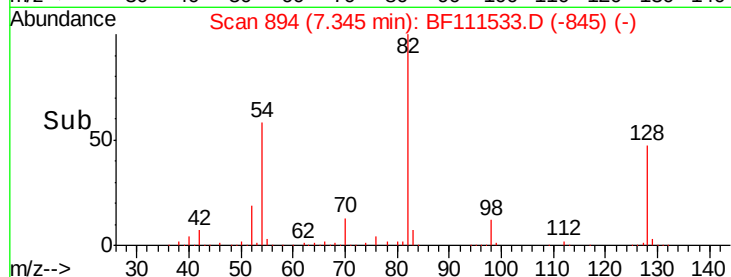
#23
Nitrobenzene-d5
Concen: 38.921 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tot Ion: 82 Resp: 423035
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.2
54 58.2 47.6 71.4

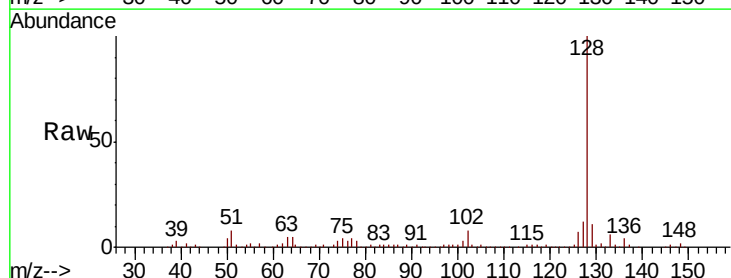


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

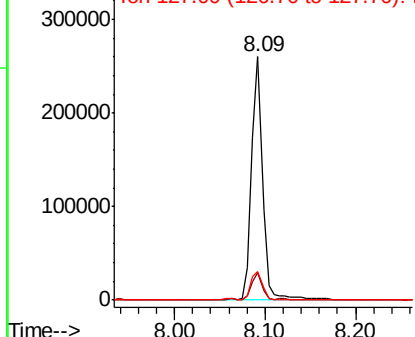
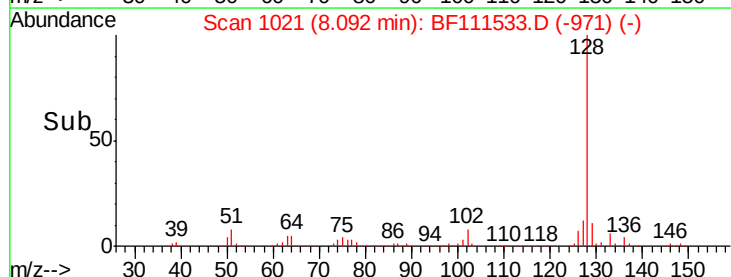


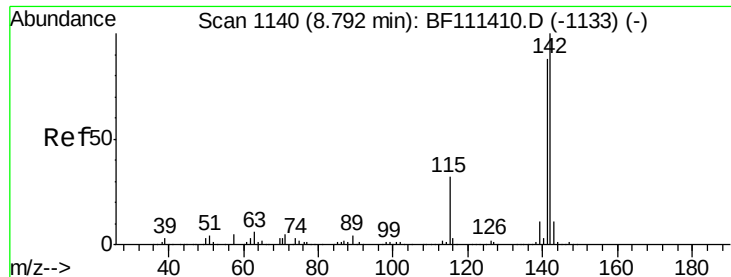
#31
Naphthalene
Concen: 7.306 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion: 128 Resp: 221187
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.8
127 11.9 12.0 18.0#



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

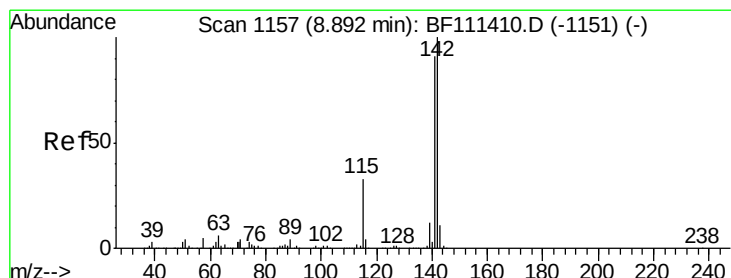
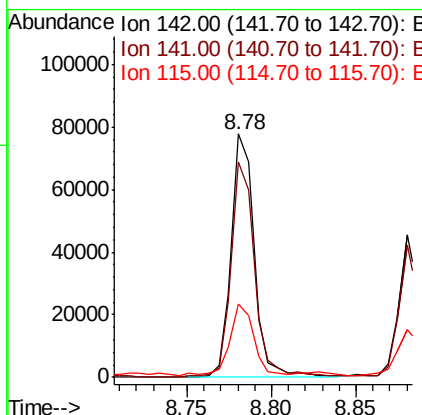
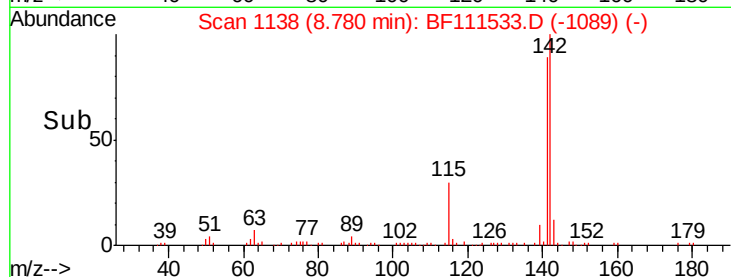
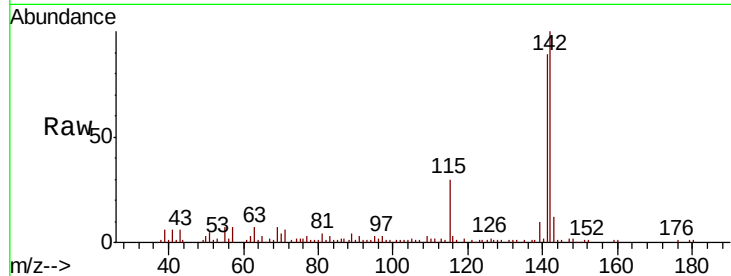




#37
2-Methylnaphthalene
Concen: 3.604 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

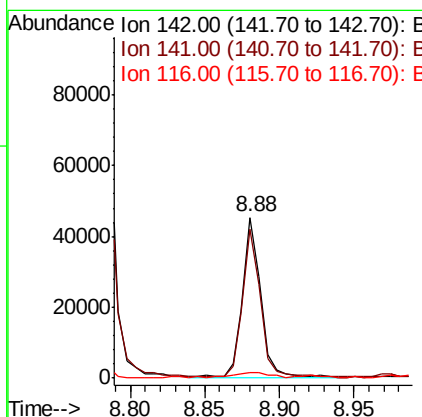
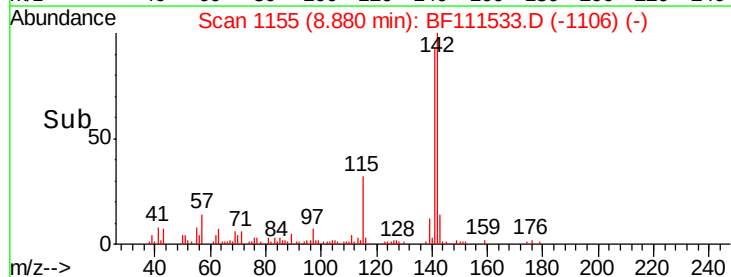
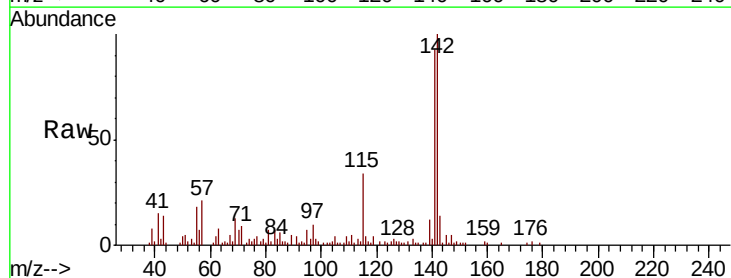
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BNA_F
ClientSampleId :
P001-SD012-0612-02

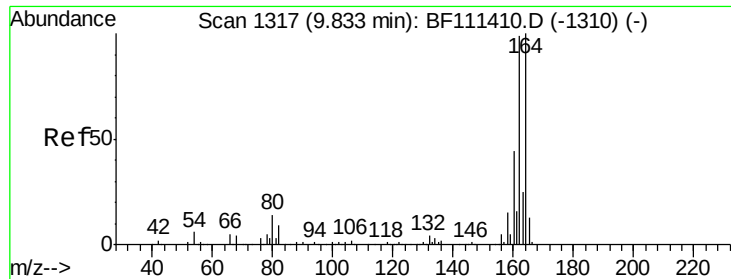
Tot Ion:142 Resp: 73838
Ion Ratio Lower Upper
142 100
141 88.7 70.6 105.8
115 30.1 27.0 40.6



#38
1-Methylnaphthalene
Concen: 2.011 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:142 Resp: 39804
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4
116 3.7 2.9 4.3

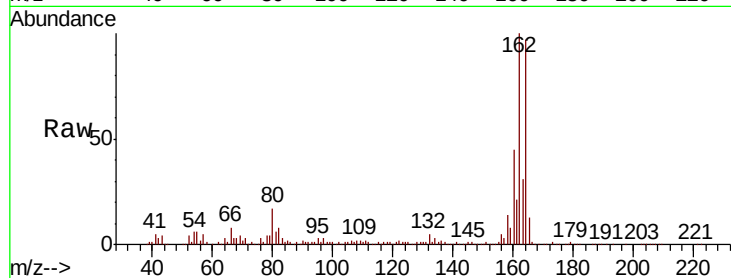




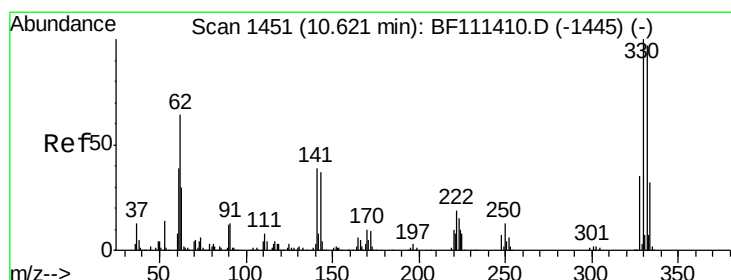
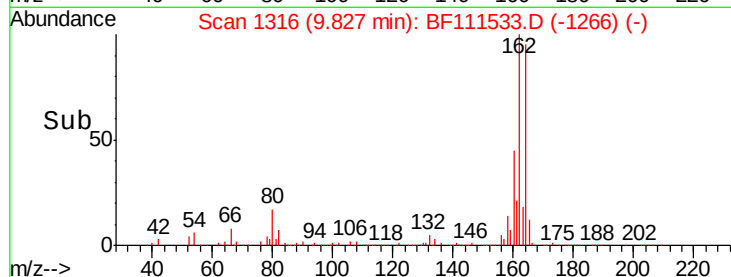
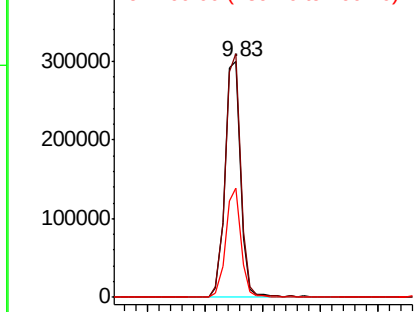
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tot Ion:164 Resp: 284482
Ion Ratio Lower Upper
164 100
162 103.5 81.4 122.0
160 46.3 35.7 53.5

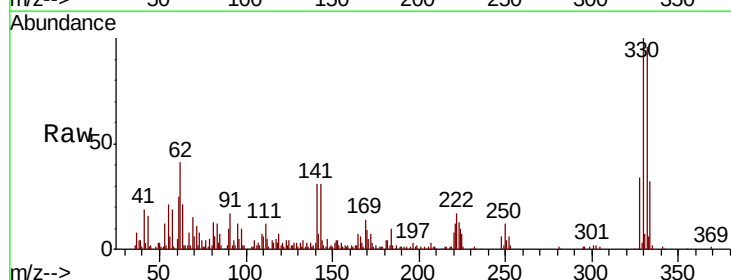


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

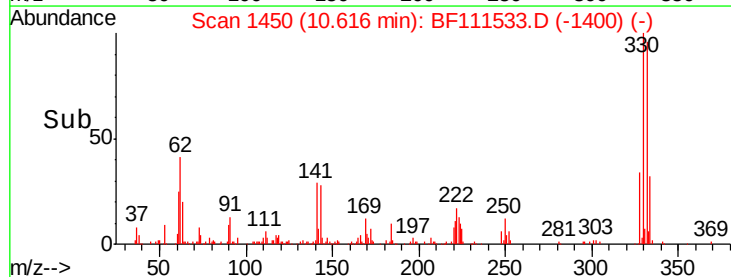
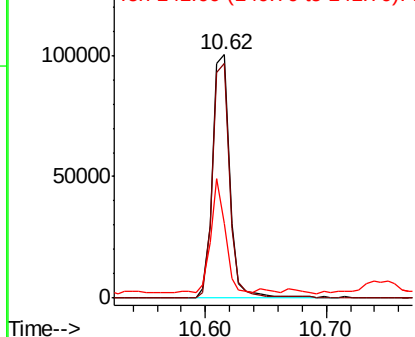


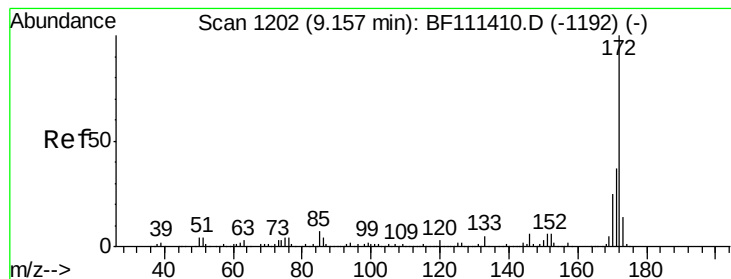
#42
2,4,6-Tribromophenol
Concen: 38.765 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:330 Resp: 98787
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 39.4 31.0 46.6



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





#45

2-Fluorobiphenyl

Concen: 41.511 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

Instrument :

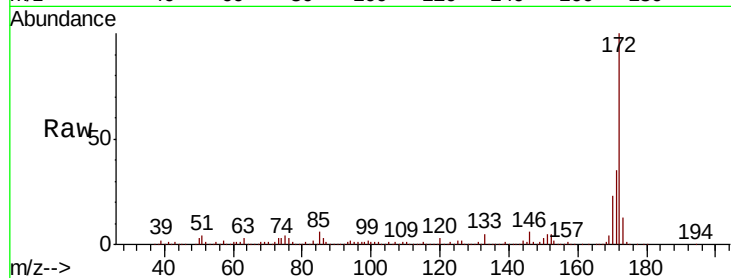
BNA_F

ClientSampleId :

P001-SD012-0612-02

Tot Ion:172 Resp: 764532

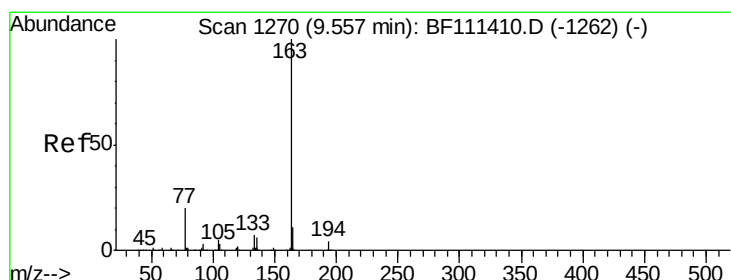
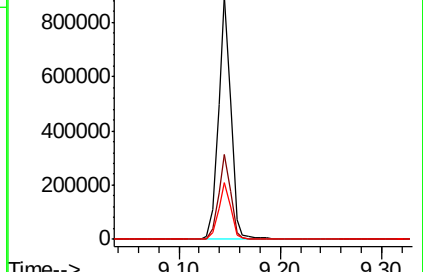
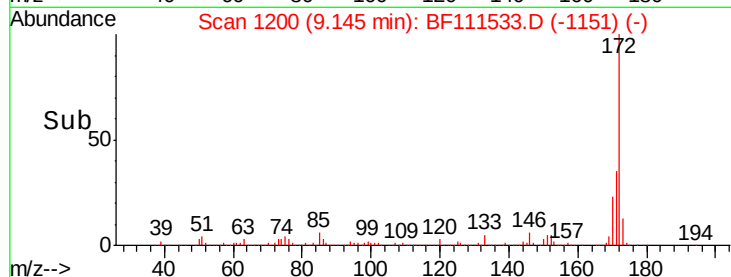
Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	23.3	22.3	33.5



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



#50

Dimethylphthalate

Concen: 2.142 ng

RT: 9.54 min Scan# 1267

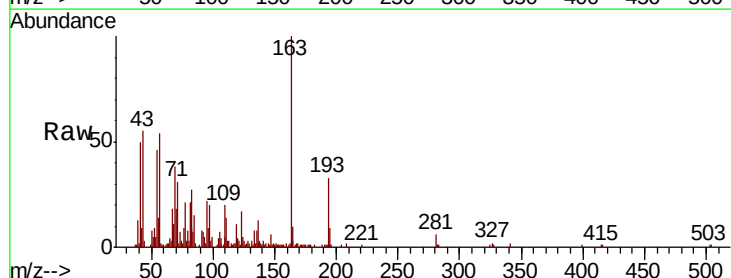
Delta R.T. -0.02 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

Tgt Ion:163 Resp: 43877

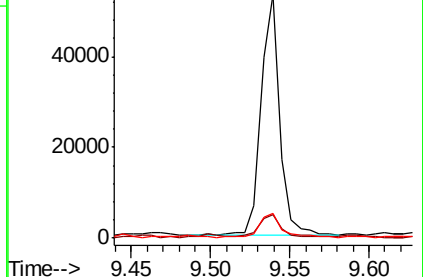
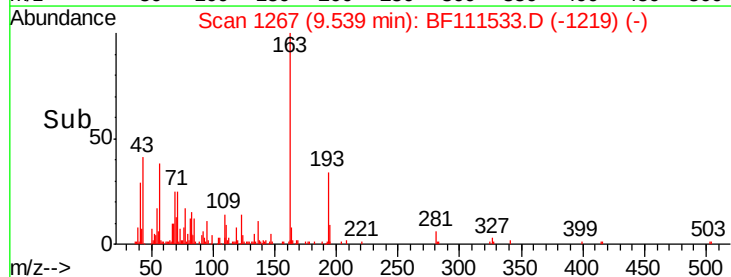
Ion	Ratio	Lower	Upper
163	100		
194	9.4	3.0	4.6#
164	10.1	8.9	13.3

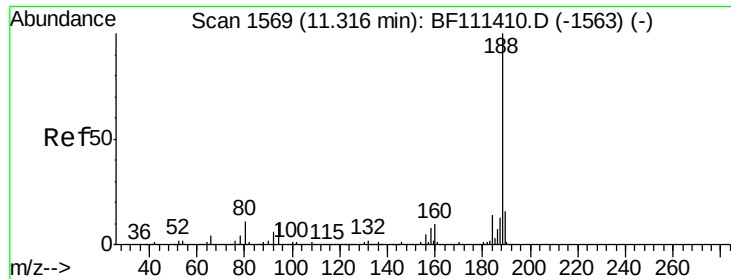


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

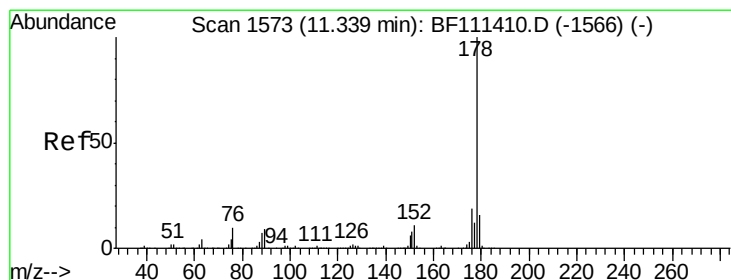
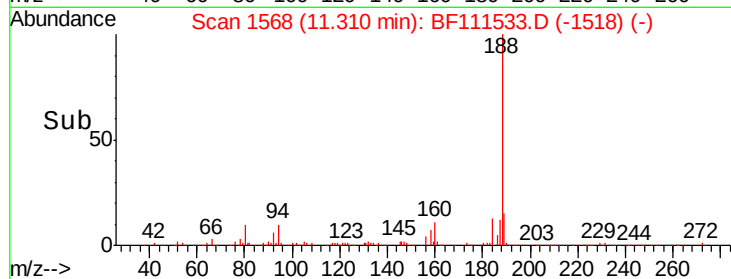
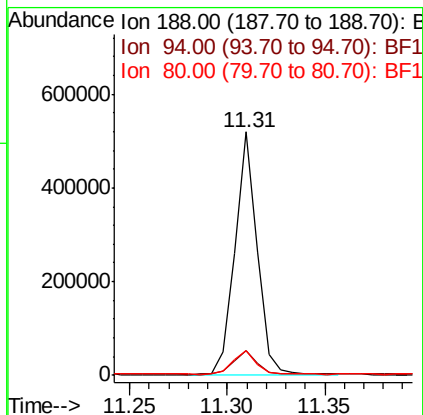
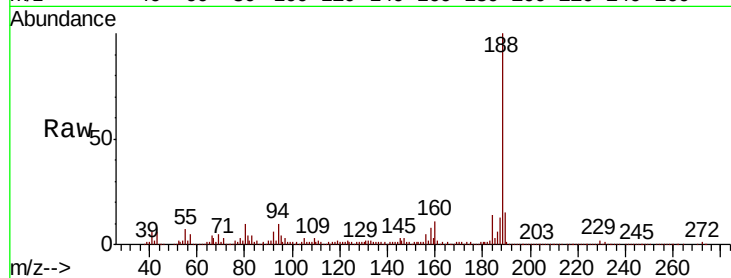




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

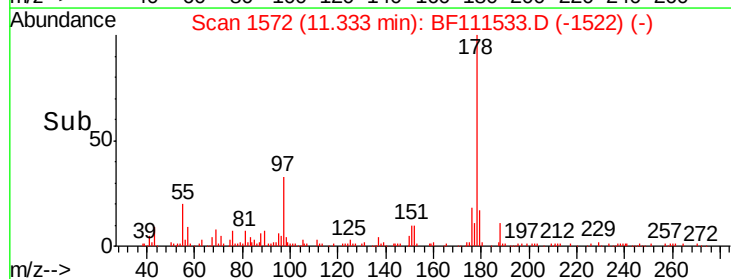
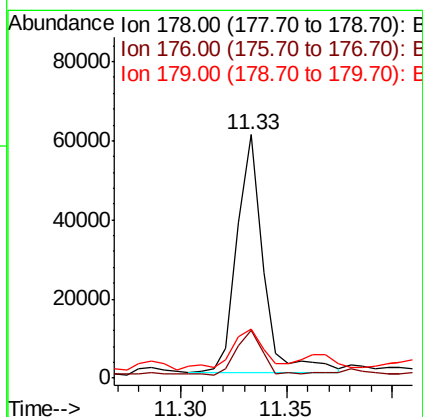
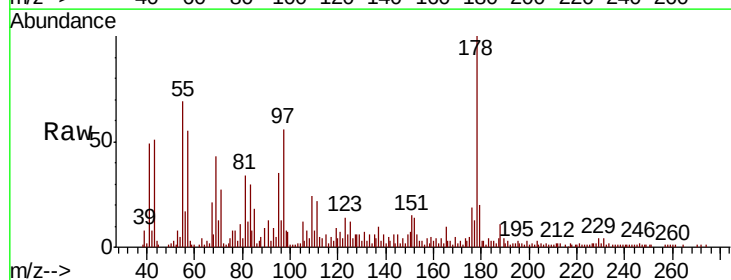
Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

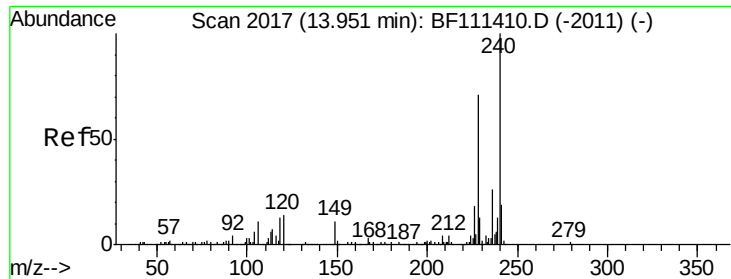
Tot Ion:188 Resp: 413076
Ion Ratio Lower Upper
188 100
94 10.0 9.6 14.4
80 10.0 9.8 14.6



#71
Phenanthrene
Concen: 2.426 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:178 Resp: 51627
Ion Ratio Lower Upper
178 100
176 19.4 18.1 27.1
179 20.0 14.0 21.0

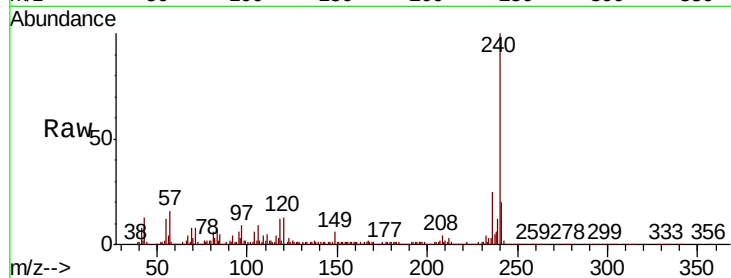




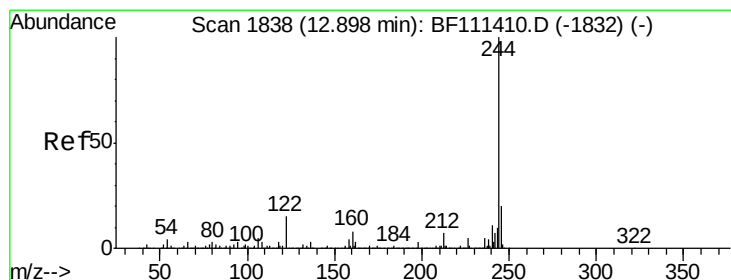
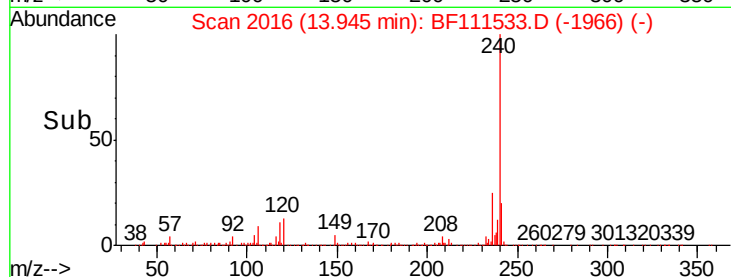
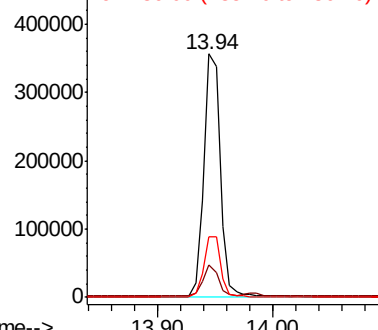
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tot Ion:240 Resp: 358471
Ion Ratio Lower Upper
240 100
120 13.4 12.2 18.2
236 24.7 20.2 30.2

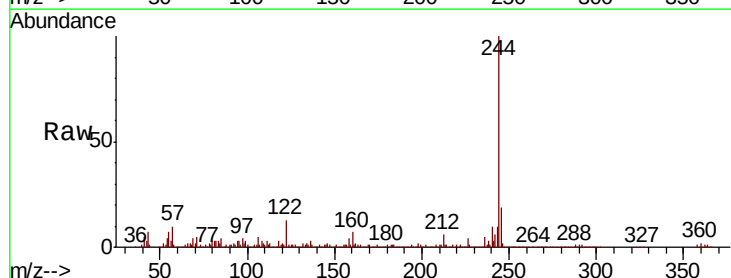


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

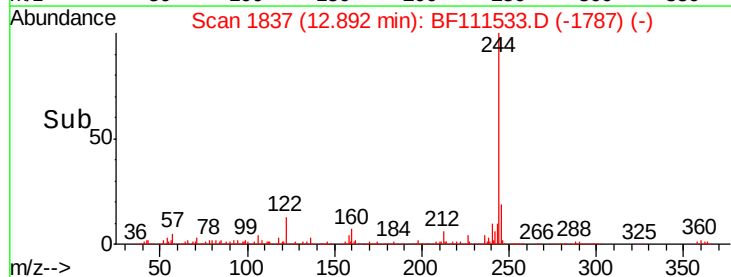
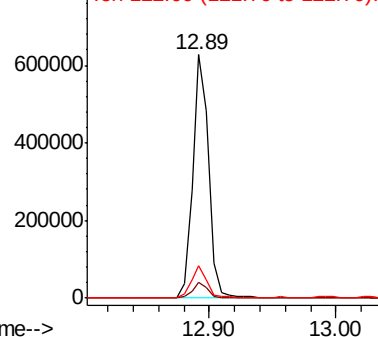


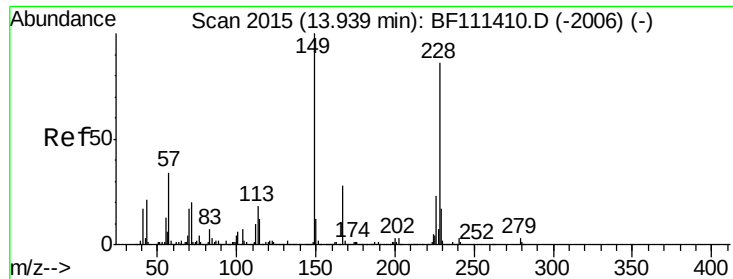
#79
Terphenyl-d14
Concen: 36.199 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:244 Resp: 552591
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 13.4 13.1 19.7



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 11.154 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

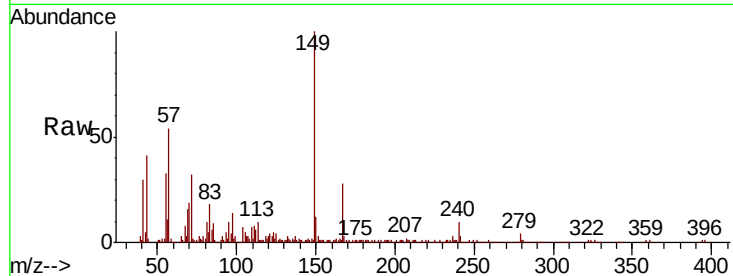
Tot Ion:149 Resp: 175509

Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 3.7 2.6 4.0

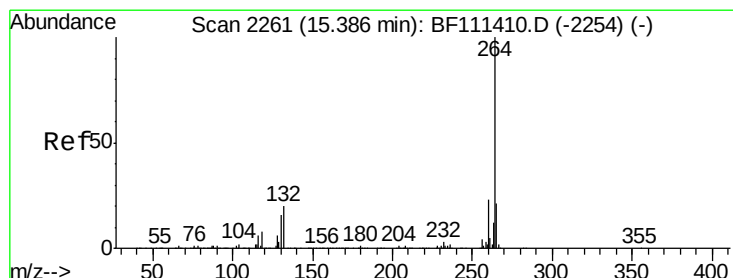
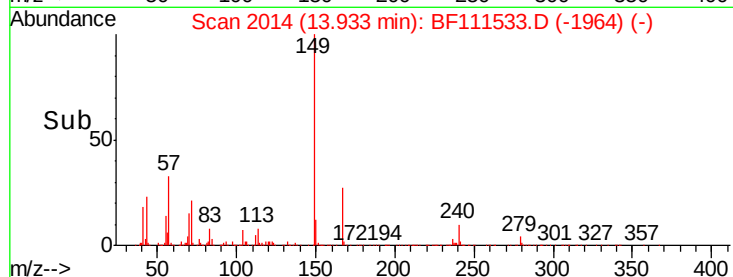
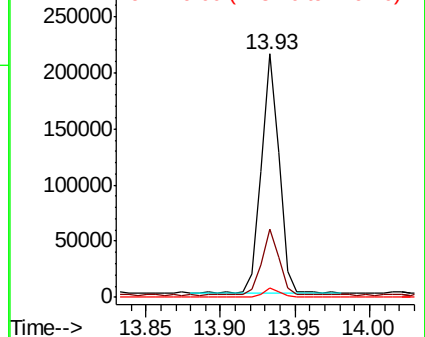


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

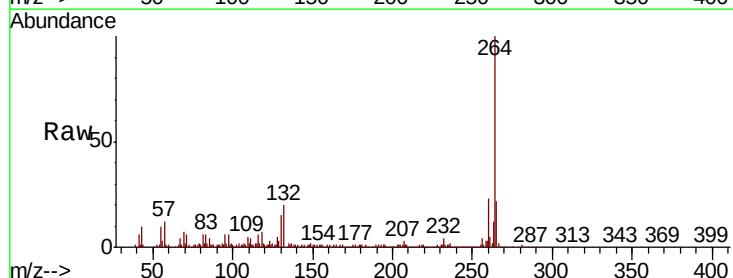
Tgt Ion:264 Resp: 350337

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.8 17.7 26.5



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

