

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111634.D
 Acq On : 20 Dec 2018 12:49
 Operator : JU/SJ
 Sample : J6481-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB-1

Quant Time: Dec 21 06:26:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

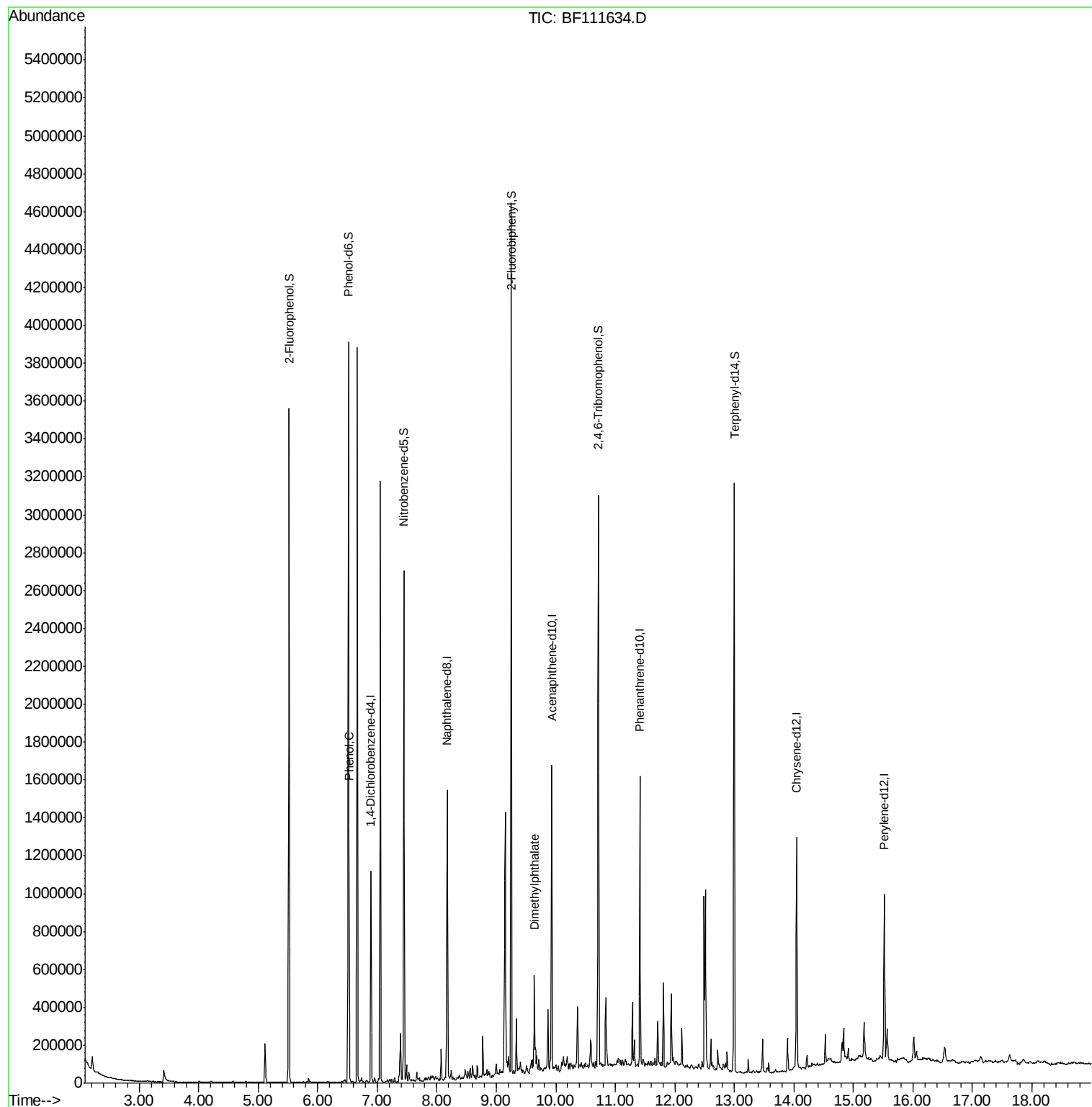
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	164307	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	616171	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	306835	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	541852	20.00	ng	0.00
76) Chrysene-d12	14.04	240	384222	20.00	ng	0.00
87) Perylene-d12	15.52	264	407064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	969215	100.55	ng	0.00
7) Phenol-d6	6.52	99	1250631	101.95	ng	0.00
23) Nitrobenzene-d5	7.45	82	773286	73.05	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	350467	96.67	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1280933	60.85	ng	0.00
79) Terphenyl-d14	13.00	244	1050892	51.87	ng	0.00
Target Compounds						
10) Phenol	6.53	94	74025	5.348	ng	91
50) Dimethylphthalate	9.64	163	166928	7.440	ng	98

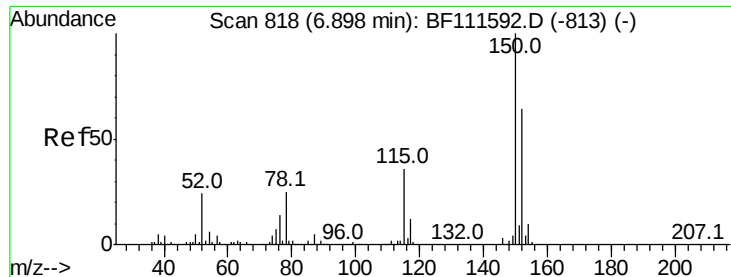
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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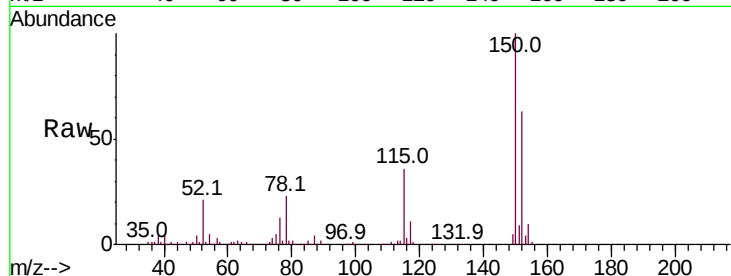


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111634.D
Acq: 20 Dec 2018 12:49

Instrument :
BNA_F
ClientSampleId :
VB-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	56.4	50.7	76.1

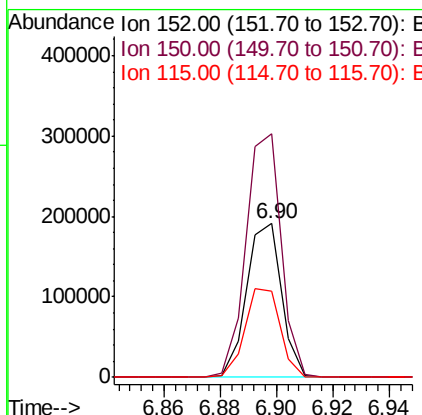
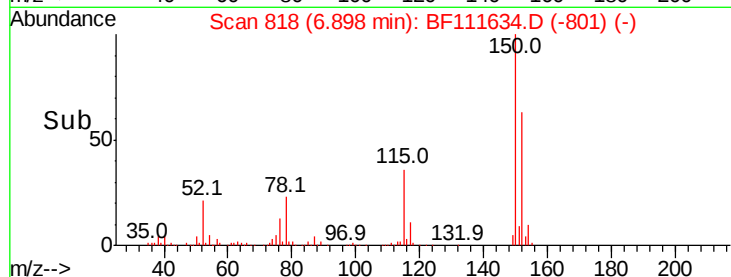


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

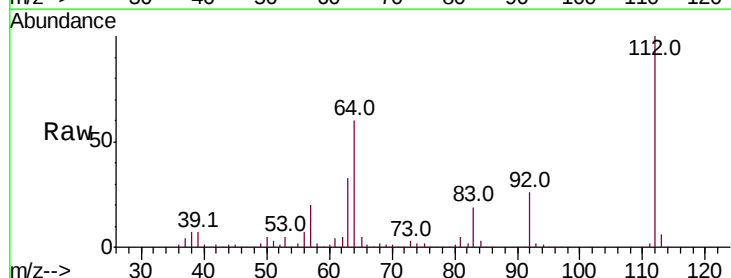
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.547 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111634.D
Acq: 20 Dec 2018 12:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	51.8	77.6
63	32.6	26.8	40.2

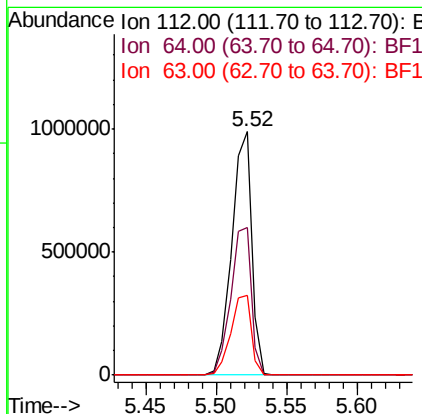
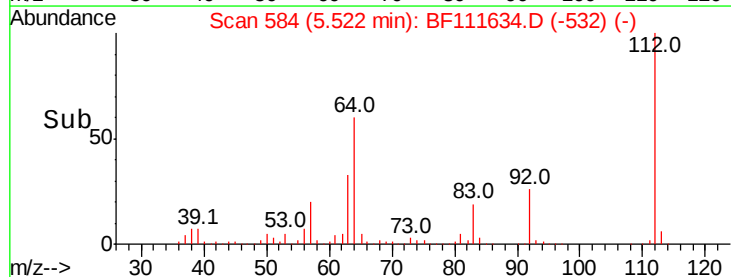


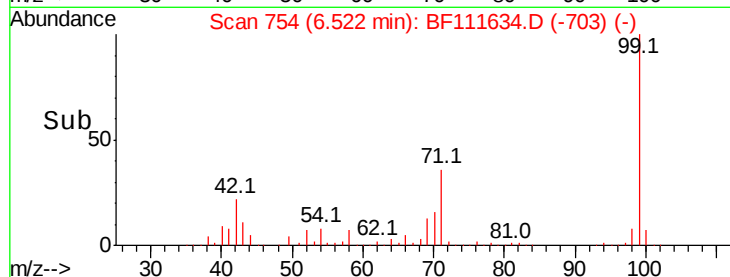
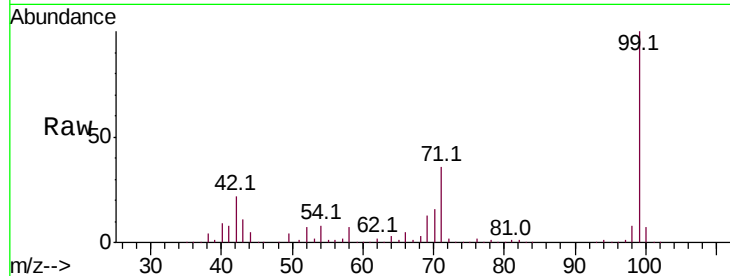
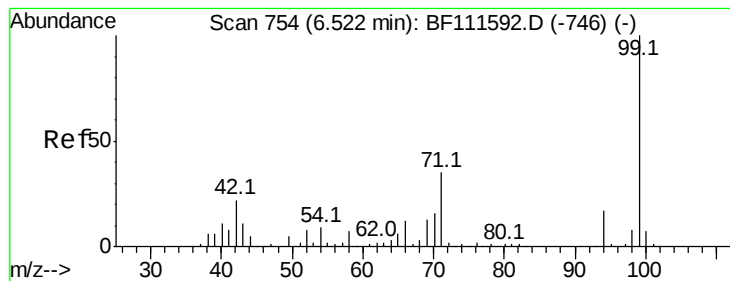
Abundance

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: 101.946 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111634.D

Acq: 20 Dec 2018 12:49

Instrument :

BNA_F

ClientSampleId :

VB-1

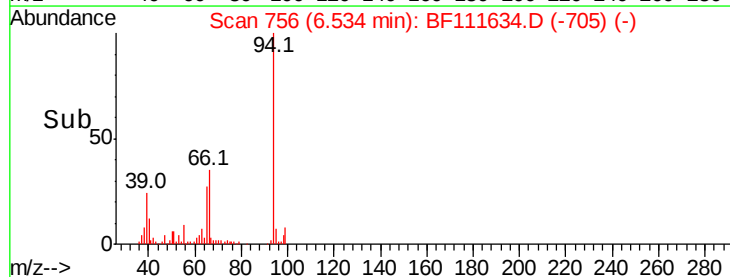
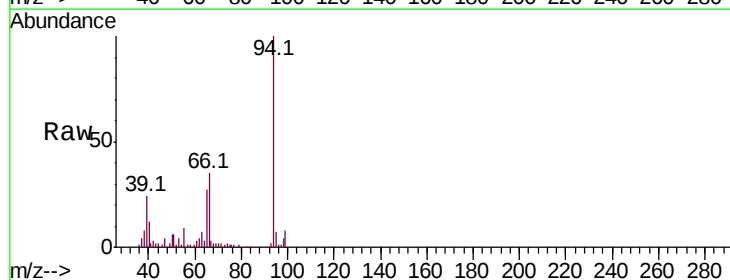
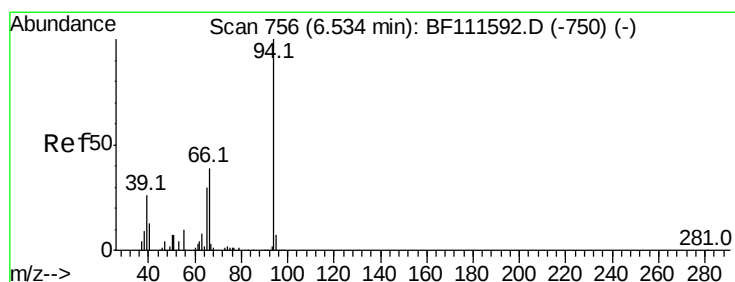
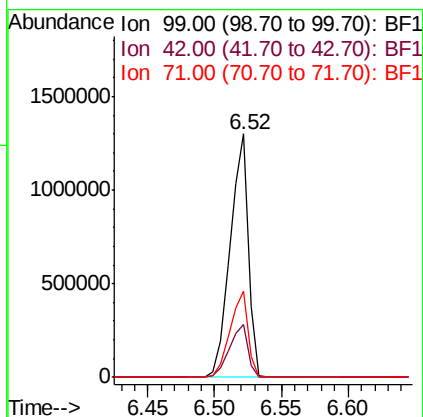
Tot Ion: 99 Resp: 1250631

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

71 35.6 26.1 39.1



#10

Phenol

Concen: 5.348 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111634.D

Acq: 20 Dec 2018 12:49

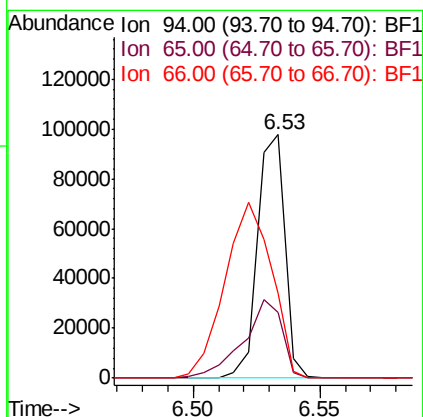
Tgt Ion: 94 Resp: 74025

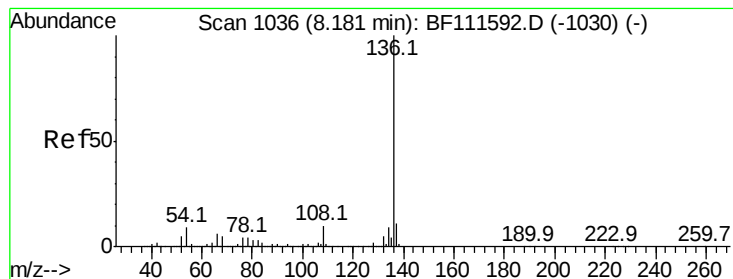
Ion Ratio Lower Upper

94 100

65 27.2 11.7 51.7

66 35.1 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111634.D

Acq: 20 Dec 2018 12:49

Instrument :

BNA_F

ClientSampled :

VB-1

Tot Ion:136 Resp: 616171

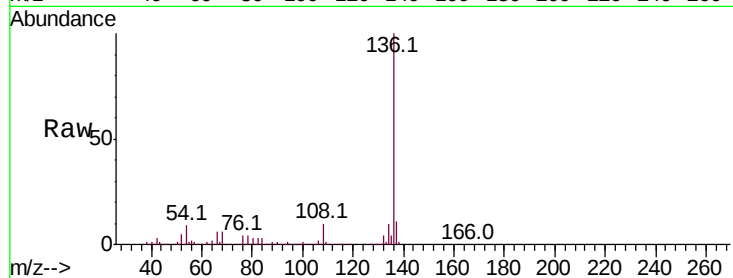
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.3 7.7 11.5

68 5.9 4.9 7.3

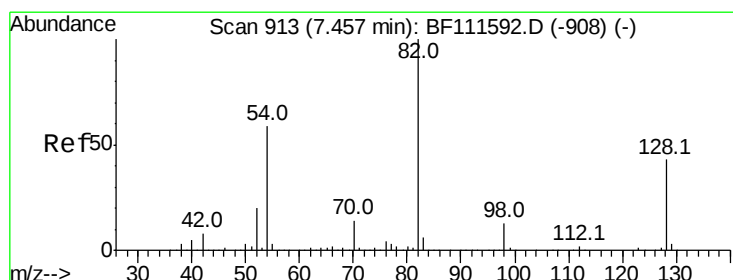
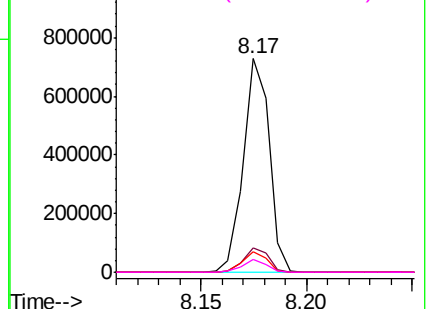
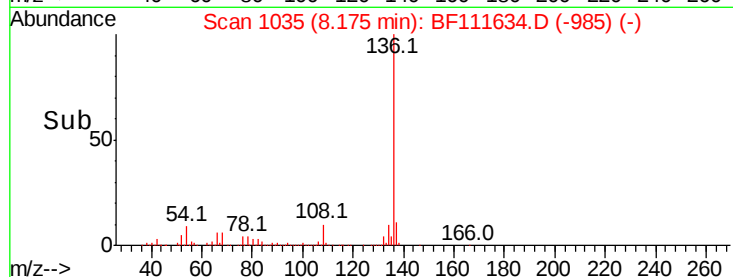


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.050 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111634.D

Acq: 20 Dec 2018 12:49

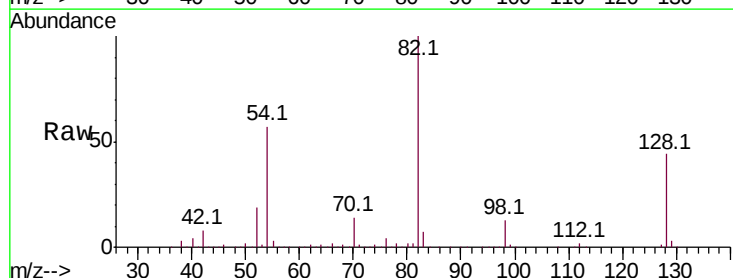
Tgt Ion: 82 Resp: 773286

Ion Ratio Lower Upper

82 100

128 44.3 37.4 56.2

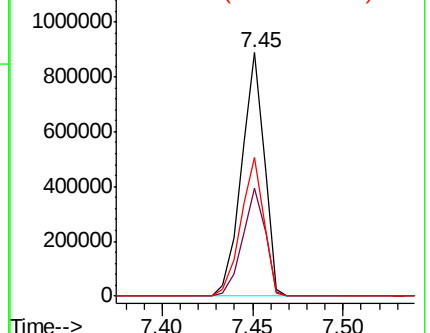
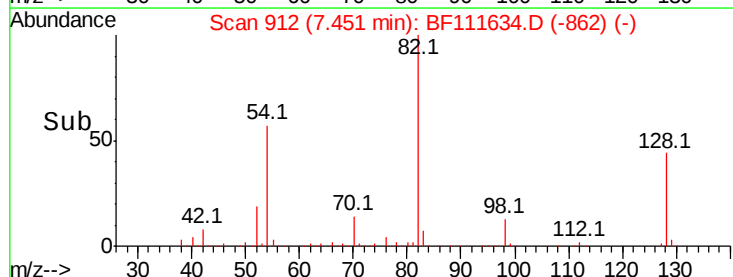
54 56.9 47.6 71.4

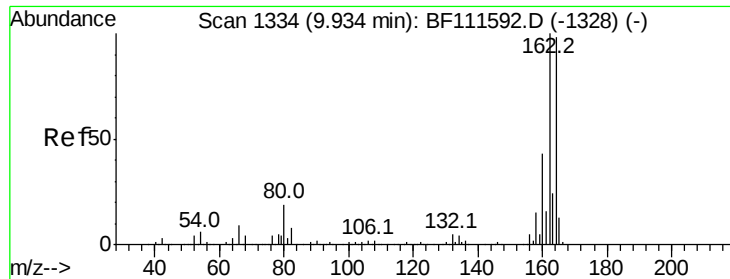


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

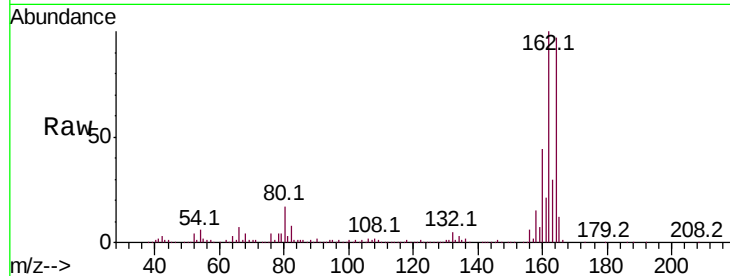




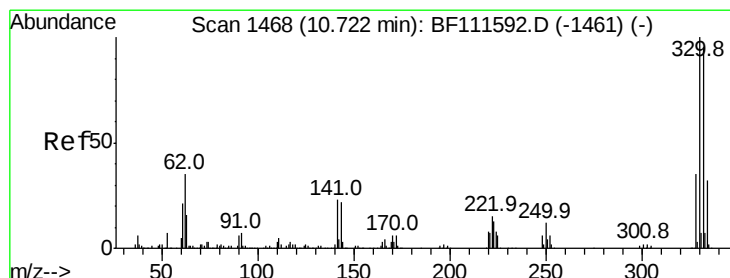
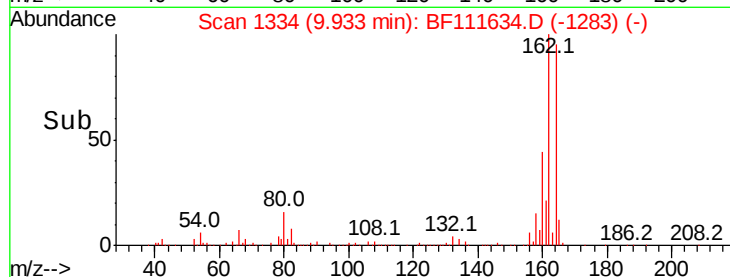
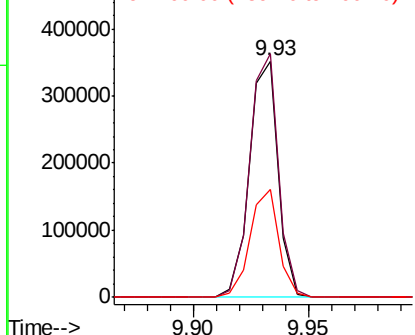
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111634.D
Acq: 20 Dec 2018 12:49

Instrument :
BNA_F
ClientSampleId :
VB-1

Tot Ion:164 Resp: 306835
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 45.6 35.7 53.5

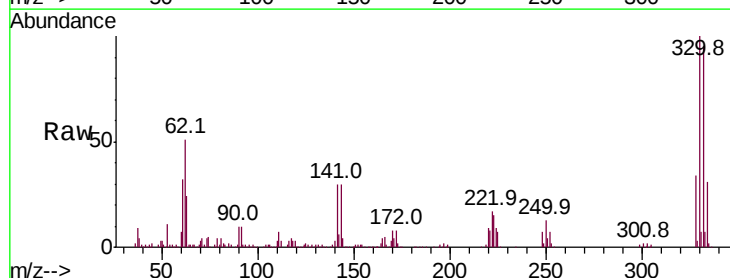


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

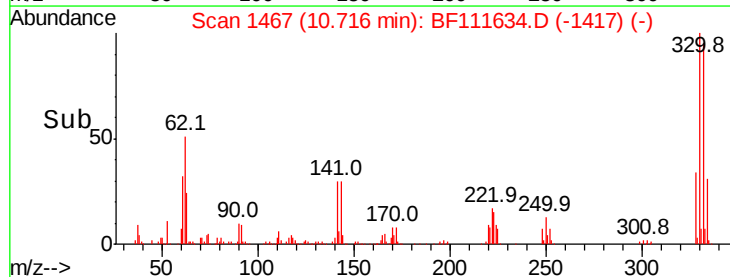
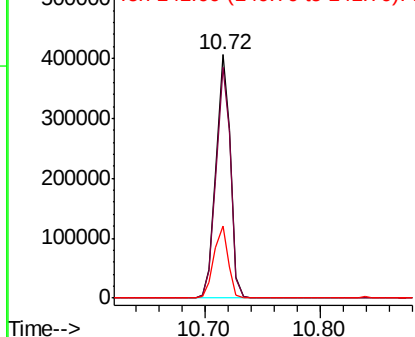


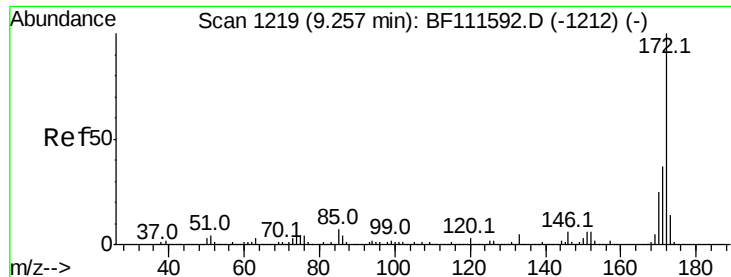
#42
2,4,6-Tribromophenol
Concen: 96.667 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111634.D
Acq: 20 Dec 2018 12:49

Tgt Ion:330 Resp: 350467
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 29.0 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

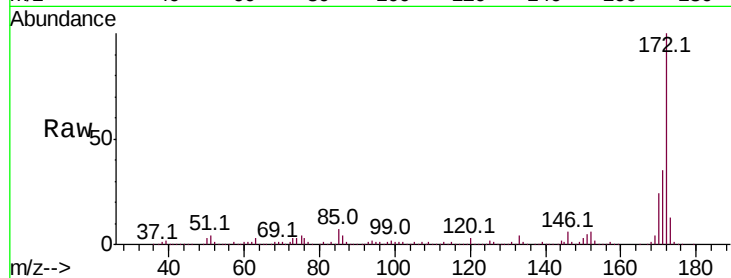




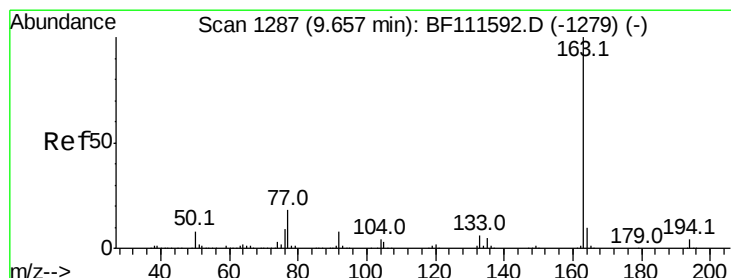
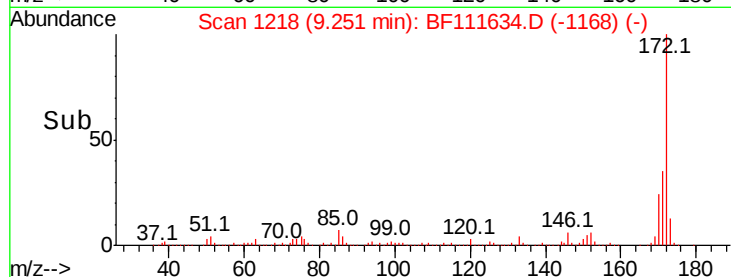
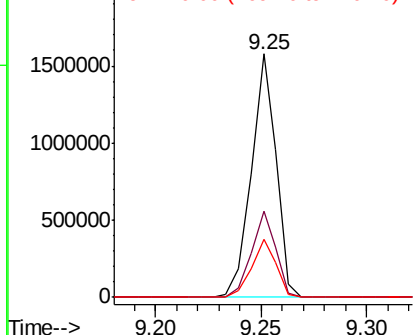
#45
2-Fluorobiphenyl
Concen: 60.849 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111634.D
Acq: 20 Dec 2018 12:49

Instrument :
BNA_F
ClientSampleId :
VB-1

Tot Ion:172 Resp: 1280933
Ion Ratio Lower Upper
172 100
171 35.5 33.0 49.4
170 23.6 22.3 33.5

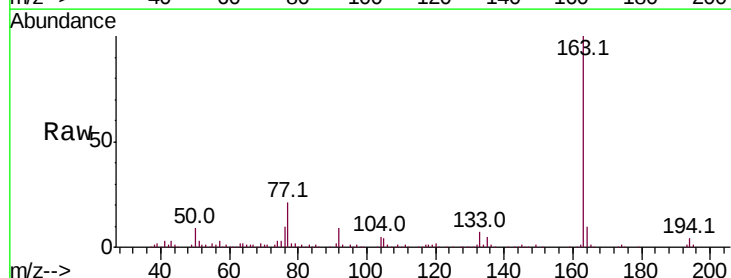


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

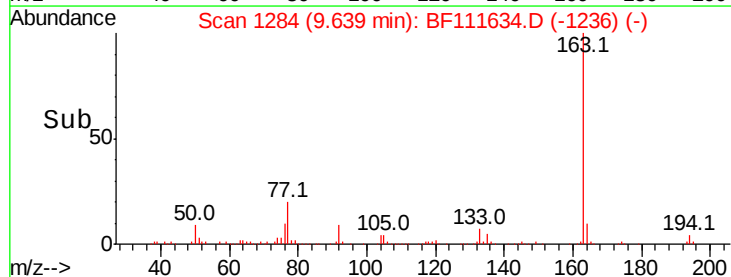
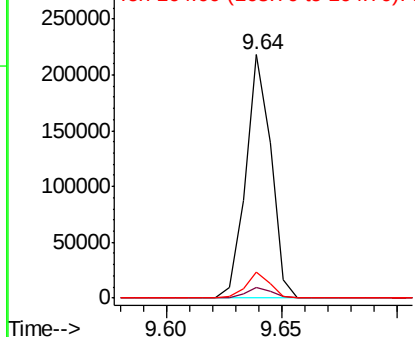


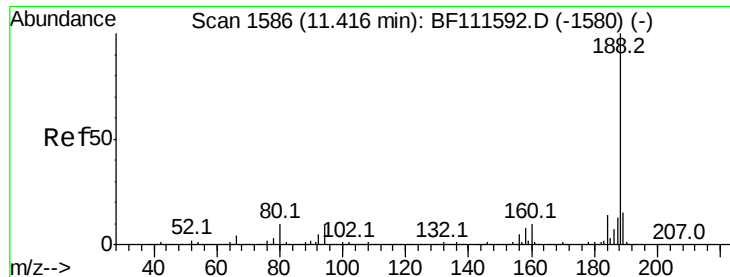
#50
Dimethylphthalate
Concen: 7.440 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111634.D
Acq: 20 Dec 2018 12:49

Tgt Ion:163 Resp: 166928
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.5 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

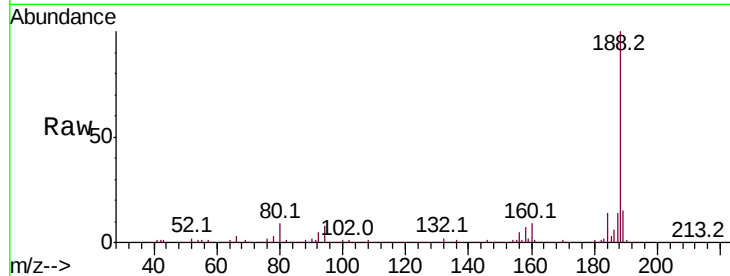




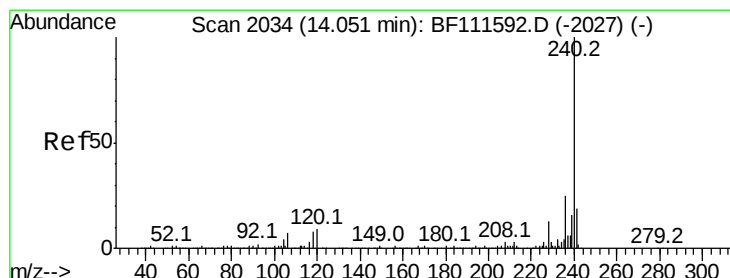
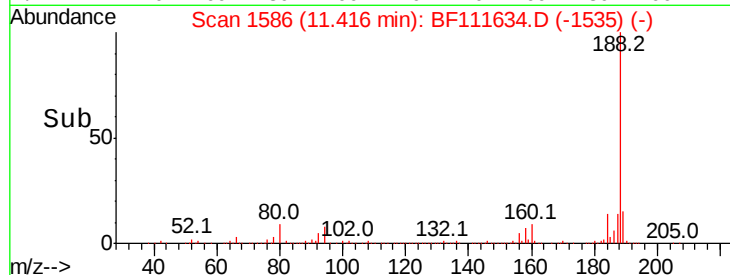
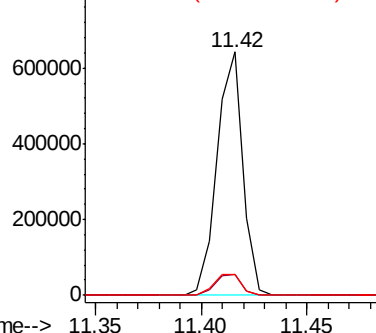
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111634.D
Acq: 20 Dec 2018 12:49

Instrument :
BNA_F
ClientSampleId :
VB-1

Tot Ion:188 Resp: 541852
Ion Ratio Lower Upper
188 100
94 8.4 9.6 14.4#
80 8.7 9.8 14.6#

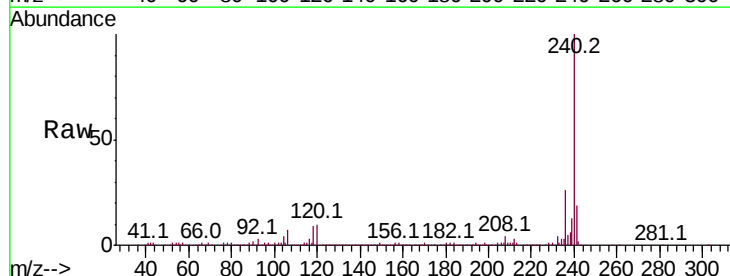


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

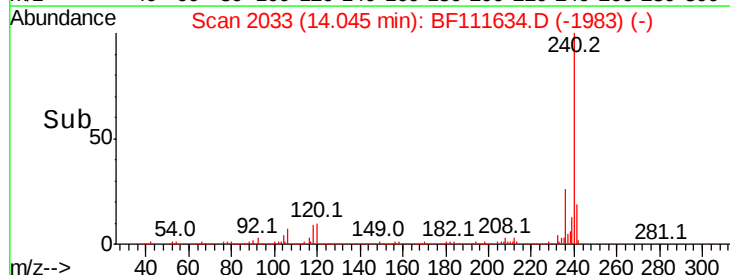
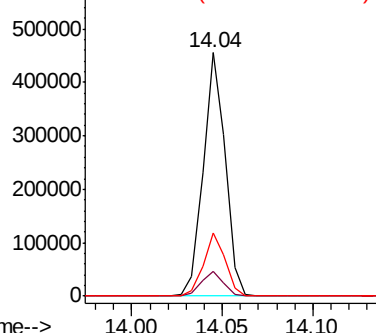


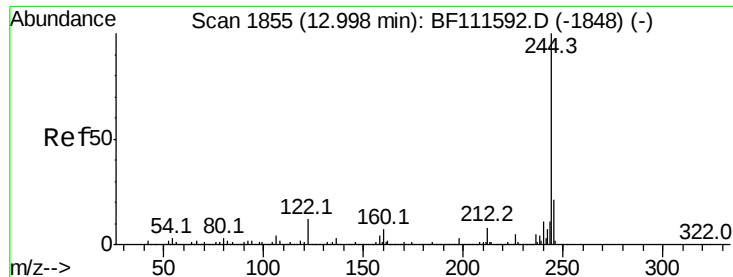
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111634.D
Acq: 20 Dec 2018 12:49

Tgt Ion:240 Resp: 384222
Ion Ratio Lower Upper
240 100
120 9.9 12.2 18.2#
236 26.2 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

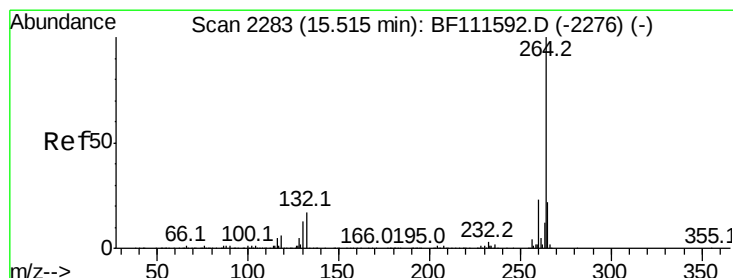
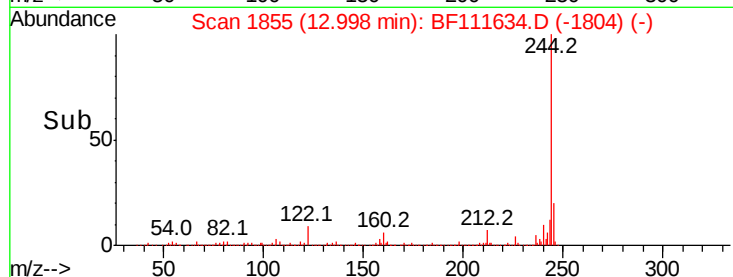
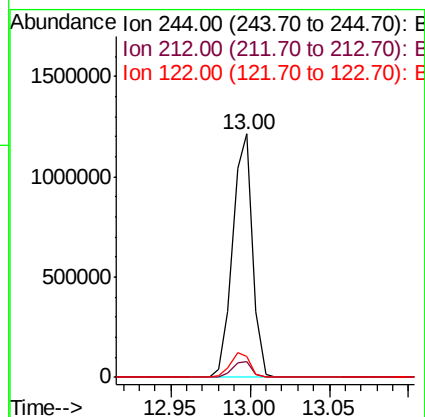
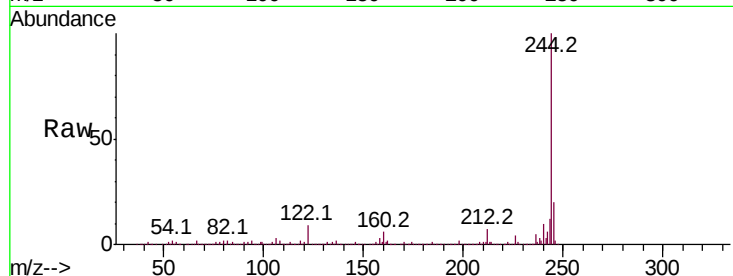




#79
 Terphenyl-d14
 Concen: 51.869 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111634.D
 Acq: 20 Dec 2018 12:49

Instrument :
 BNA_F
 ClientSampleId :
 VB-1

Tot Ion:244 Resp: 1050892
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 8.7 13.1 19.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.01 min
 Lab File: BF111634.D
 Acq: 20 Dec 2018 12:49

Tgt Ion:264 Resp: 407064
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.2 17.7 26.5

