

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111655.D
 Acq On : 20 Dec 2018 22:50
 Operator : JU/SJ
 Sample : J6362-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-2

Quant Time: Dec 21 07:17:00 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

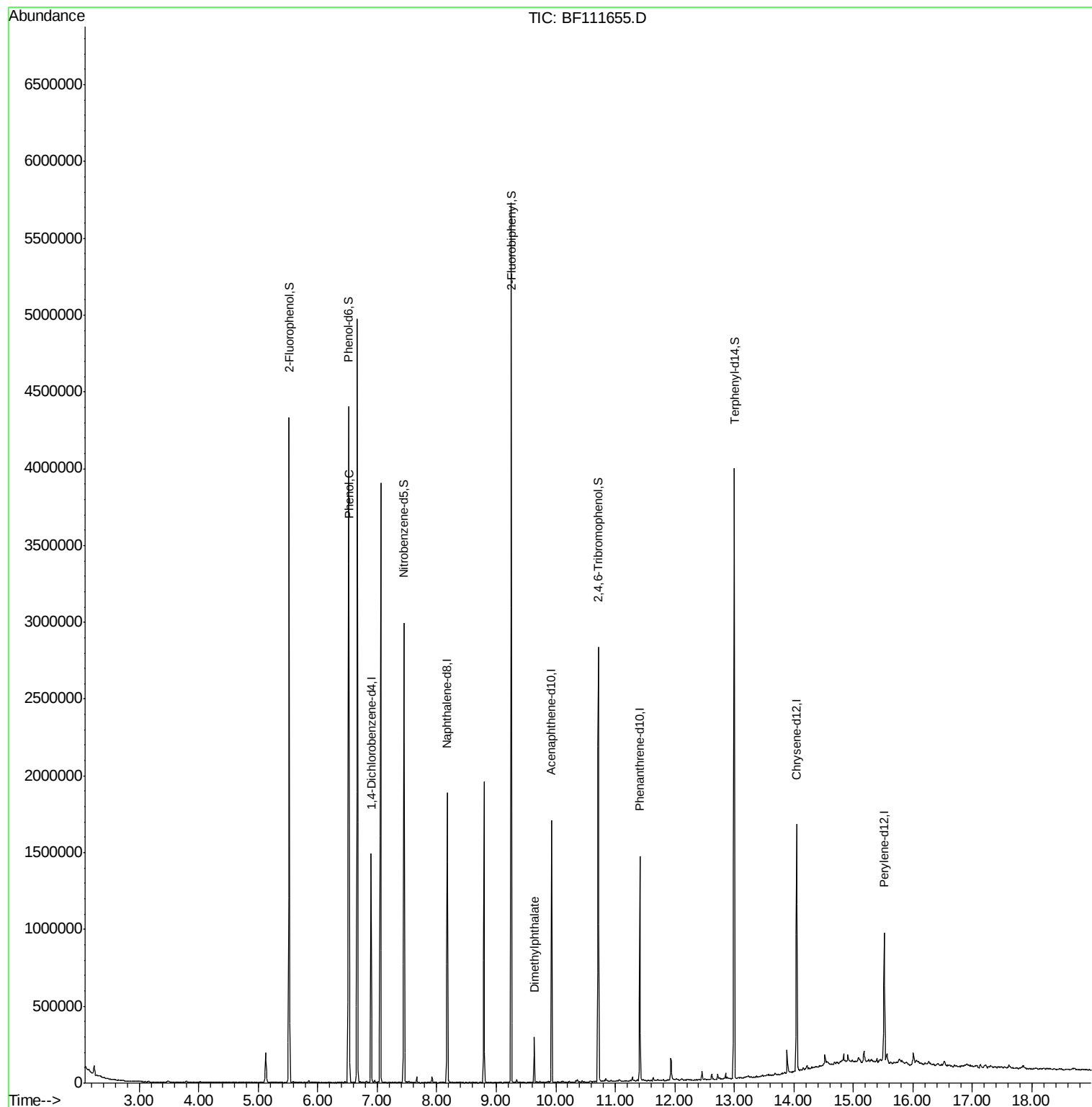
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	213855	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	777965	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	352180	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	537353	20.00	ng	0.00
76) Chrysene-d12	14.04	240	523448	20.00	ng	0.00
87) Perylene-d12	15.52	264	403890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1216280	96.94	ng	0.00
7) Phenol-d6	6.52	99	1551760	97.19	ng	0.00
23) Nitrobenzene-d5	7.45	82	958351	71.70	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	331415	79.64	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1722618	71.29	ng	0.00
79) Terphenyl-d14	13.00	244	1354153	49.06	ng	0.00
Target Compounds						
10) Phenol	6.53	94	96947	5.381	ng	99
50) Dimethylphthalate	9.64	163	100815	3.915	ng	98

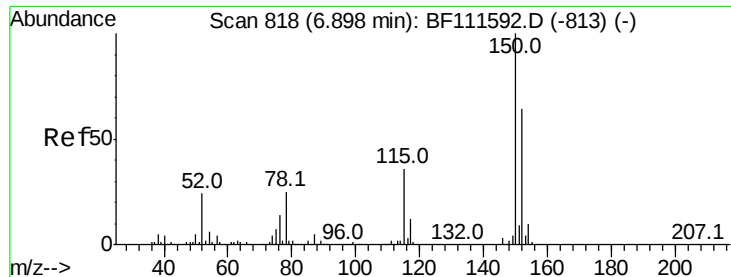
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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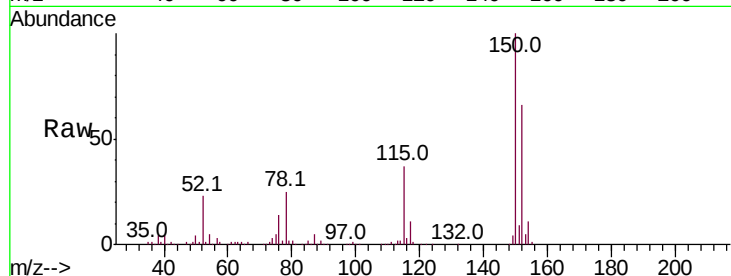


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

Instrument :
BNA_F
ClientSampled :
P-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.6	189.8
115	55.7	50.7	76.1

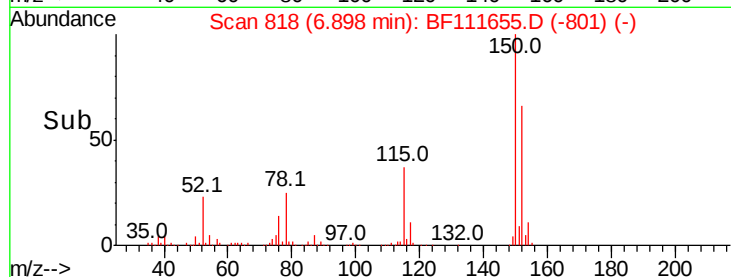
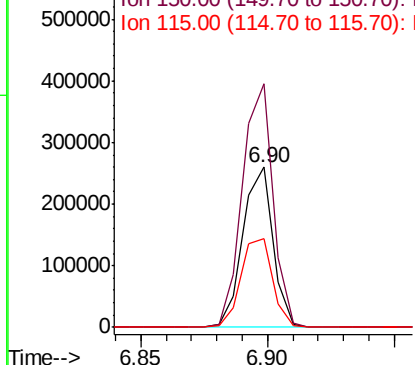


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

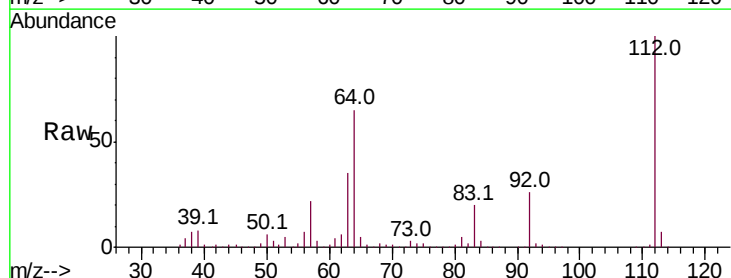
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.944 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	51.8	77.6
63	34.8	26.8	40.2

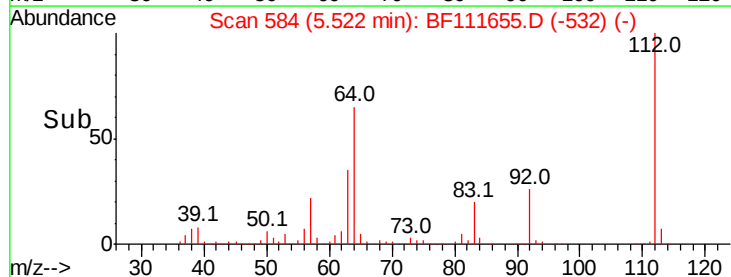
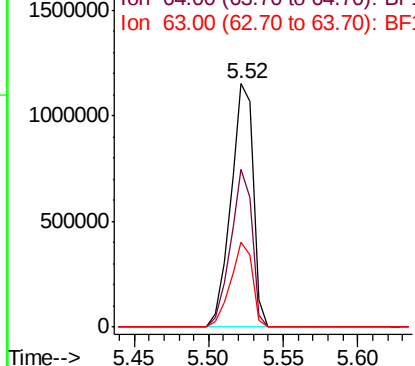


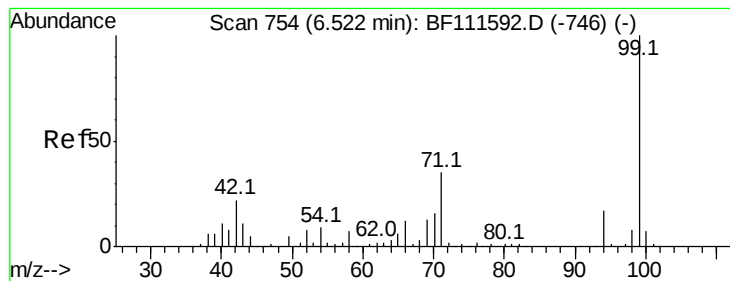
Abundance

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: 97.186 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111655.D

Acq: 20 Dec 2018 22:50

Instrument :

BNA_F

ClientSampleId :

P-2

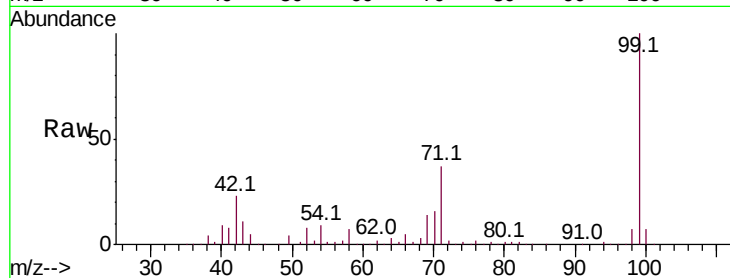
Tot Ion: 99 Resp: 1551760

Ion Ratio Lower Upper

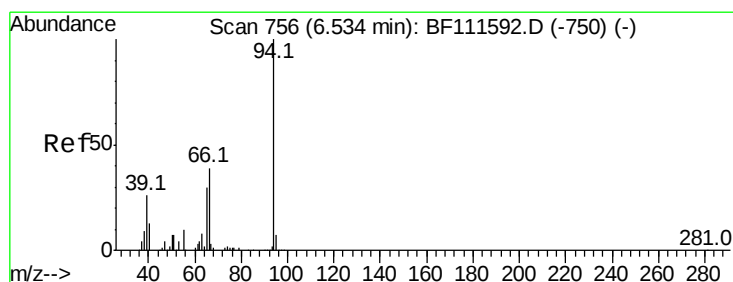
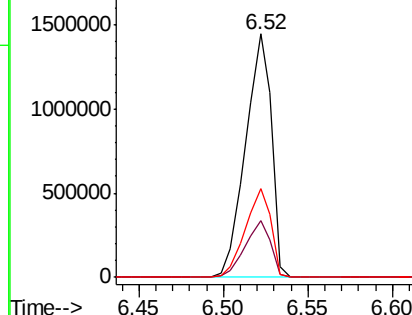
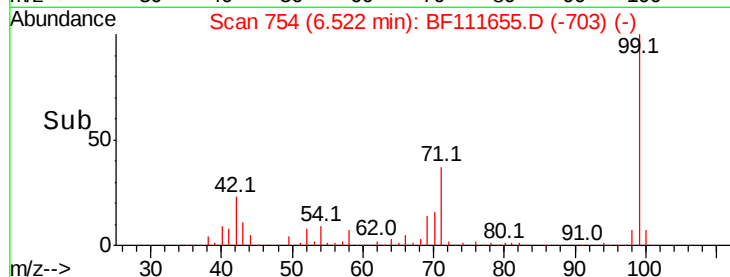
99 100

42 23.1 17.4 26.0

71 36.5 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: 5.381 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111655.D

Acq: 20 Dec 2018 22:50

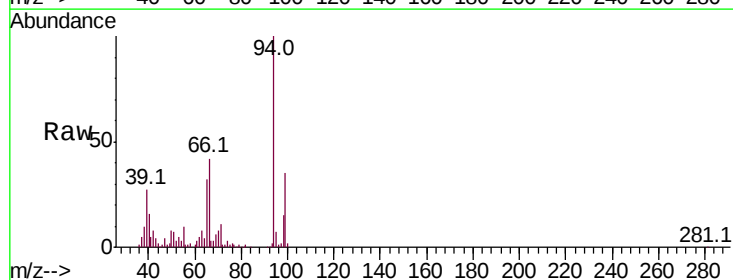
Tgt Ion: 94 Resp: 96947

Ion Ratio Lower Upper

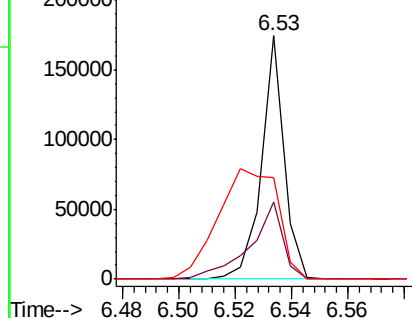
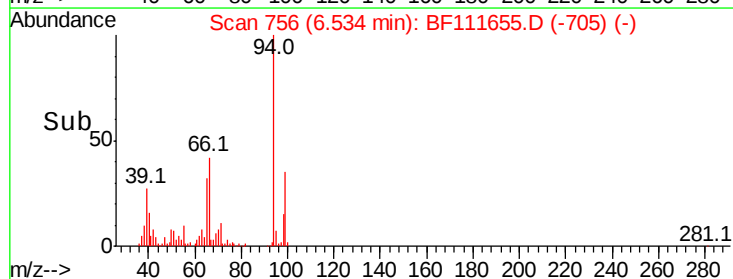
94 100

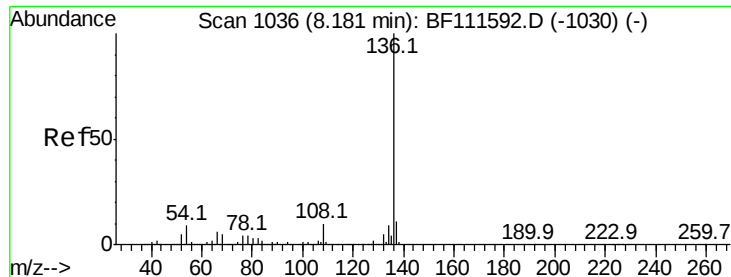
65 31.6 11.7 51.7

66 41.6 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

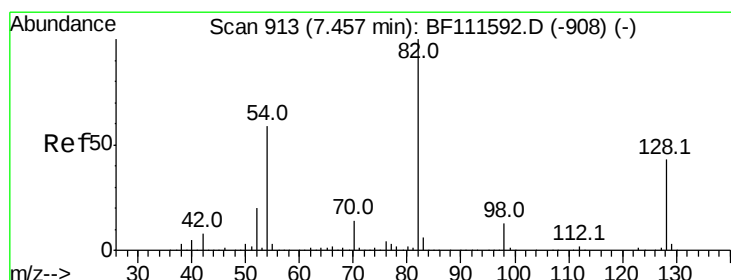
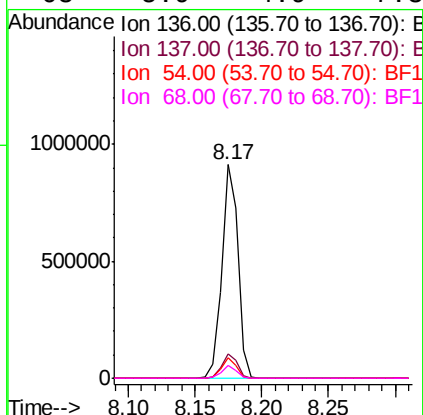
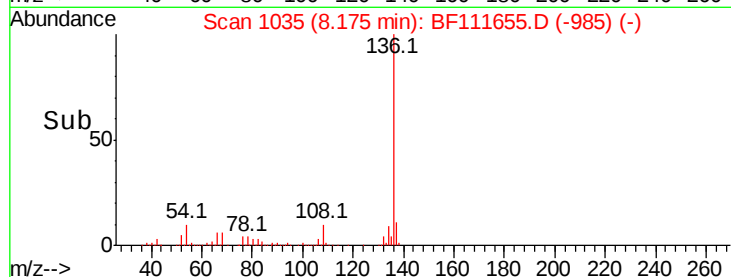
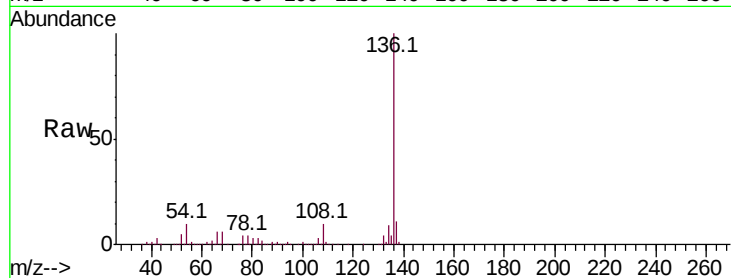




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

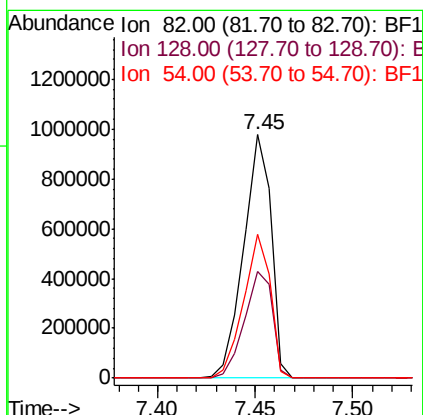
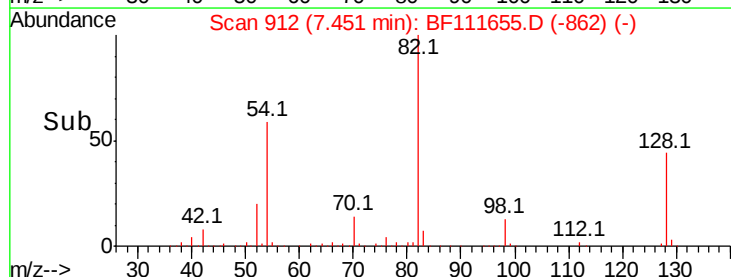
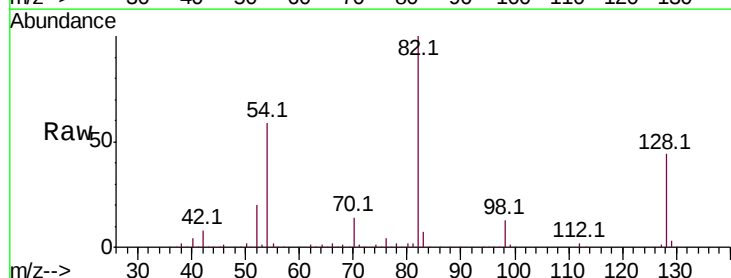
Instrument :
BNA_F
ClientSampleId :
P-2

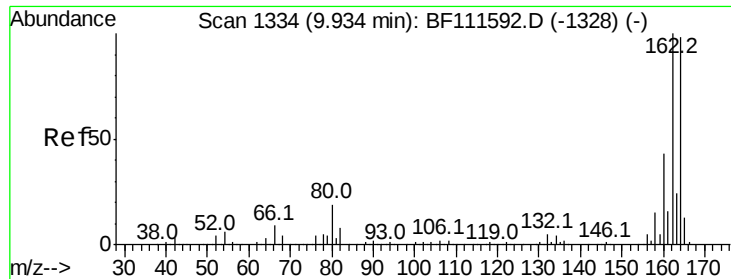
Tot Ion:136	Resp:	777965
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.1	13.7
54 9.5	7.7	11.5
68 5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 71.704 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

Tgt Ion: 82	Resp: 958351
Ion Ratio	Lower Upper
82 100	
128 44.0	37.4 56.2
54 59.2	47.6 71.4

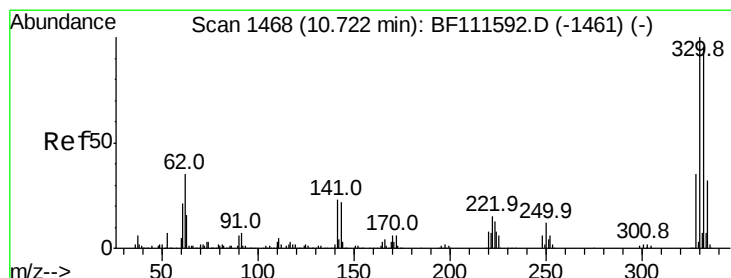
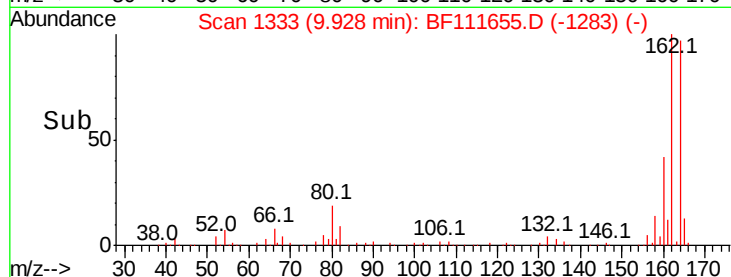
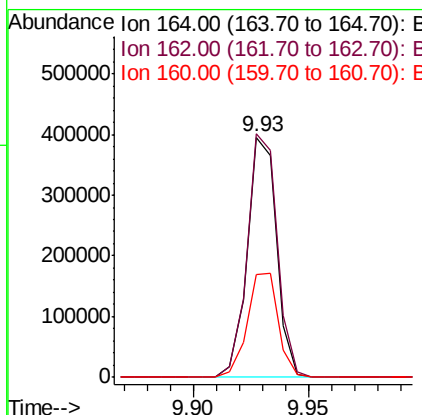
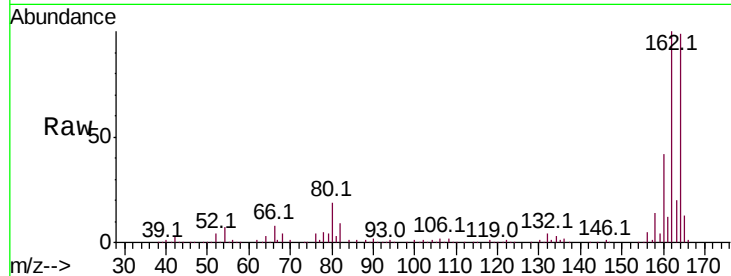




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

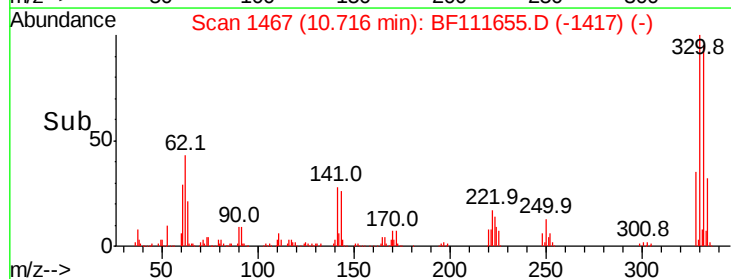
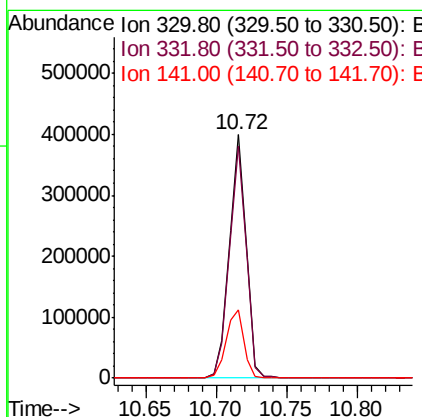
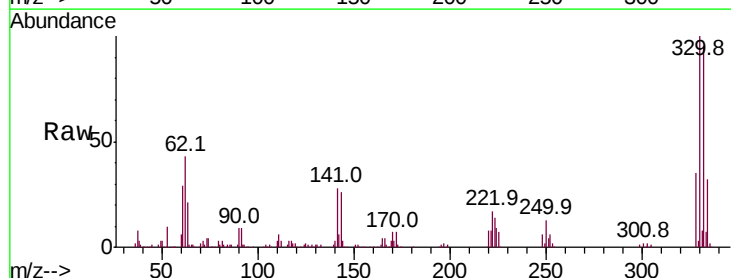
Instrument :
BNA_F
ClientSampled :
P-2

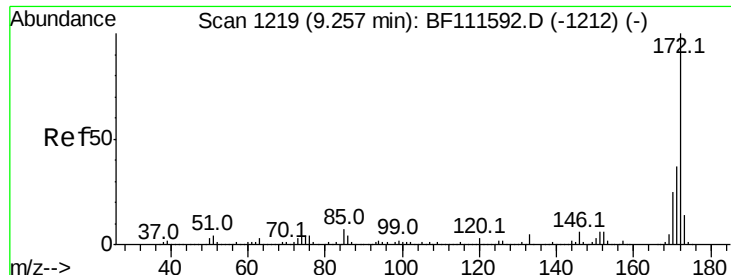
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	43.0	35.7	53.5



#42
2,4,6-Tribromophenol
Concen: 79.643 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	29.7	31.0	46.6

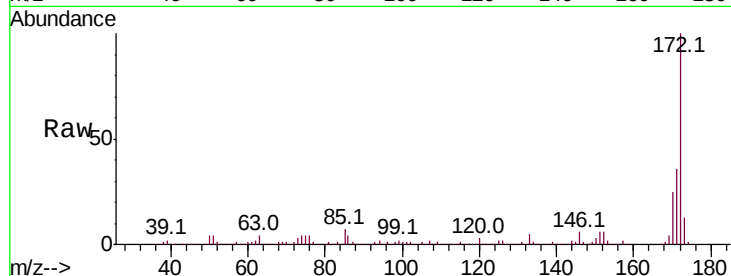




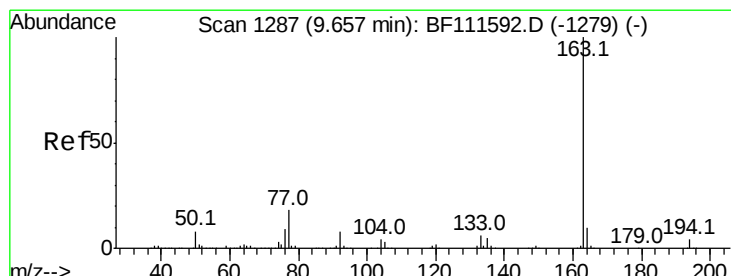
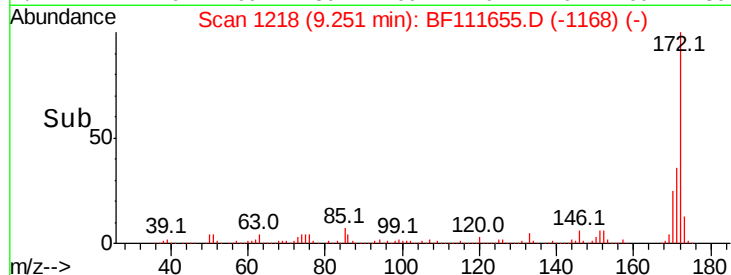
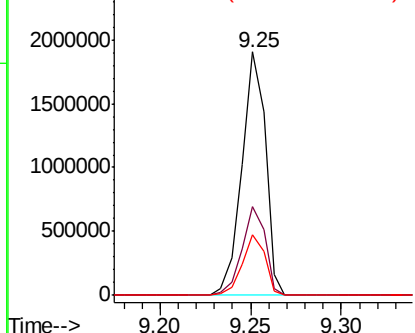
#45
2-Fluorobiphenyl
Concen: 71.294 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

Instrument :
BNA_F
ClientSampleId :
P-2

Tot Ion:172 Resp: 1722618
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 24.8 22.3 33.5

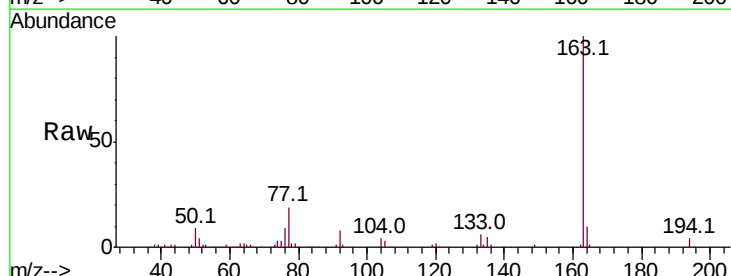


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

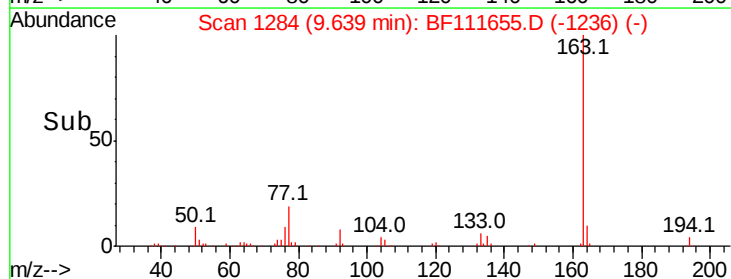
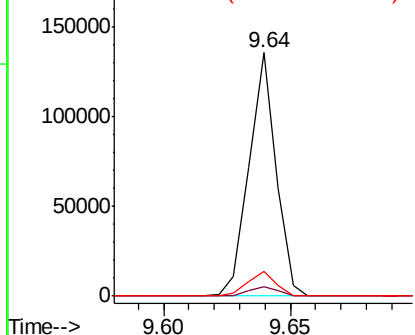


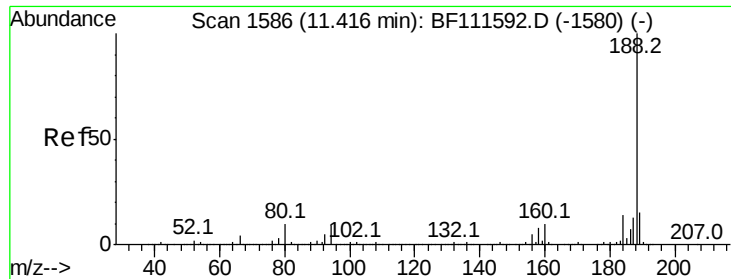
#50
Dimethylphthalate
Concen: 3.915 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

Tgt Ion:163 Resp: 100815
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111655.D

Acq: 20 Dec 2018 22:50

Instrument :

BNA_F

ClientSampleId :

P-2

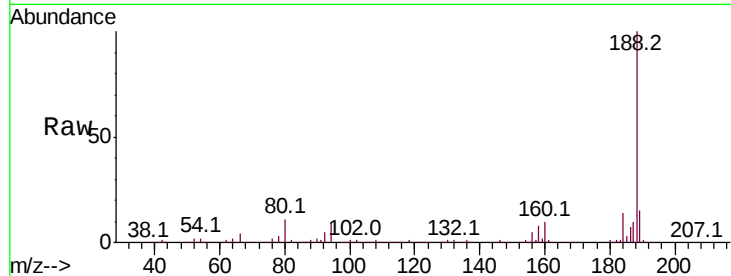
Tot Ion:188 Resp: 537353

Ion Ratio Lower Upper

188 100

94 10.0 9.6 14.4

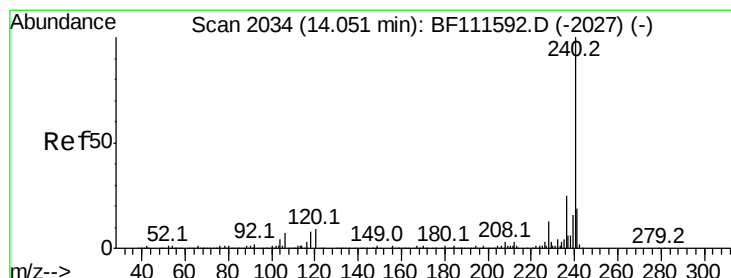
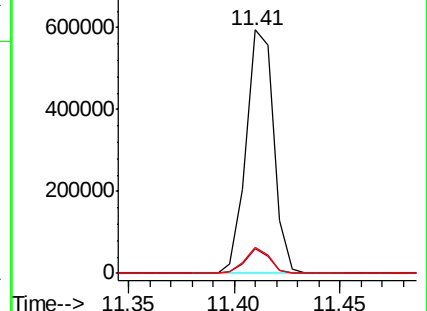
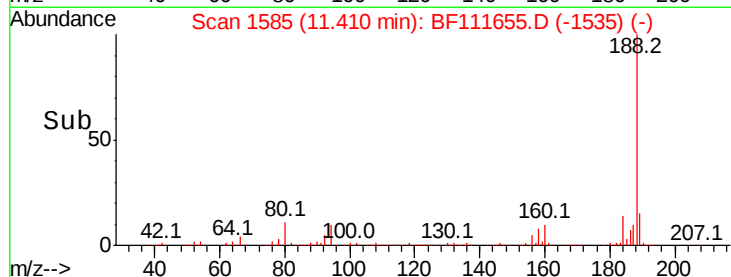
80 10.8 9.8 14.6



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: BF111655.D

Acq: 20 Dec 2018 22:50

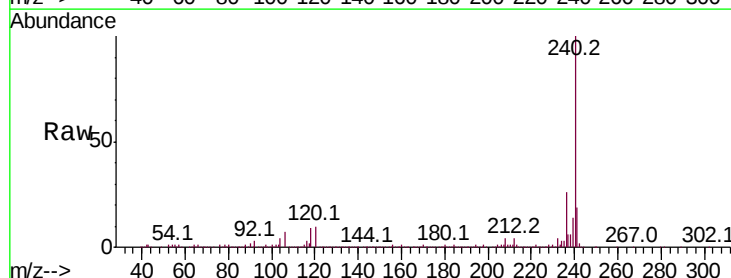
Tgt Ion:240 Resp: 523448

Ion Ratio Lower Upper

240 100

120 10.2 12.2 18.2#

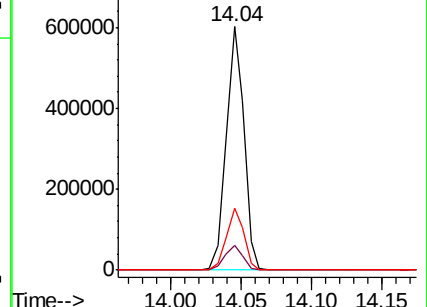
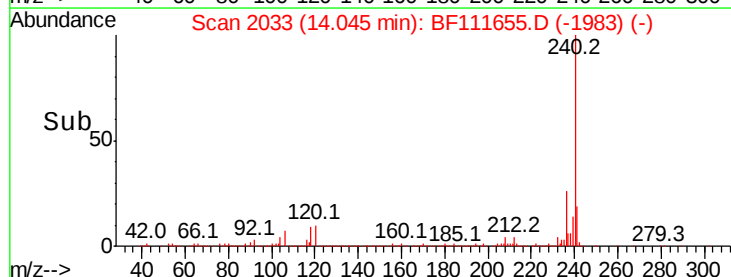
236 25.6 20.2 30.2

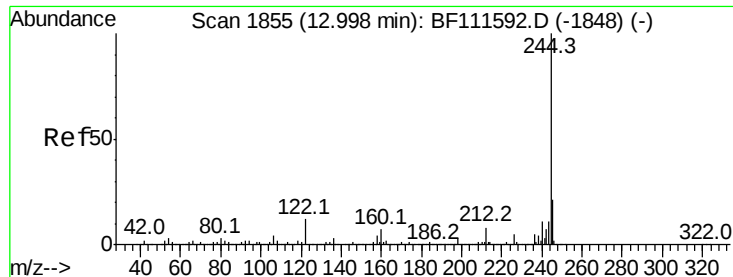


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 49.060 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111655.D

Acq: 20 Dec 2018 22:50

Instrument :

BNA_F

ClientSampleId :

P-2

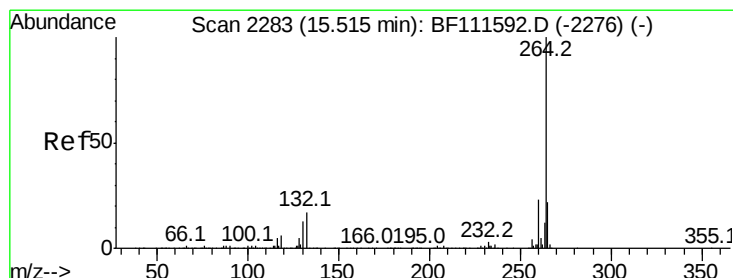
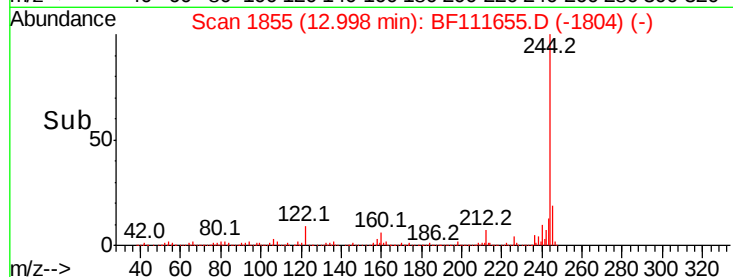
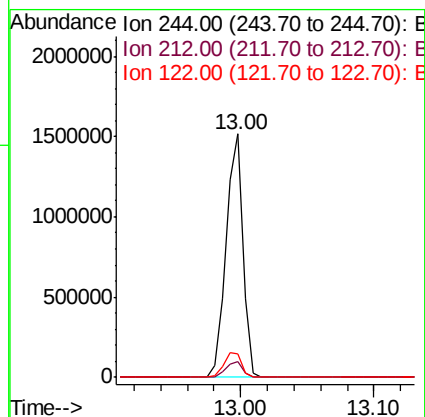
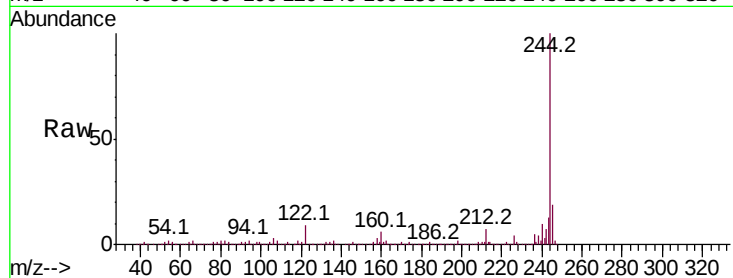
Tot Ion:244 Resp: 1354153

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 9.4 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: BF111655.D

Acq: 20 Dec 2018 22:50

Tgt Ion:264 Resp: 403890

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.3 17.7 26.5

