

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111691.D
 Acq On : 21 Dec 2018 17:00
 Operator : JU/SJ
 Sample : J6447-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01

Quant Time: Dec 21 23:53:16 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

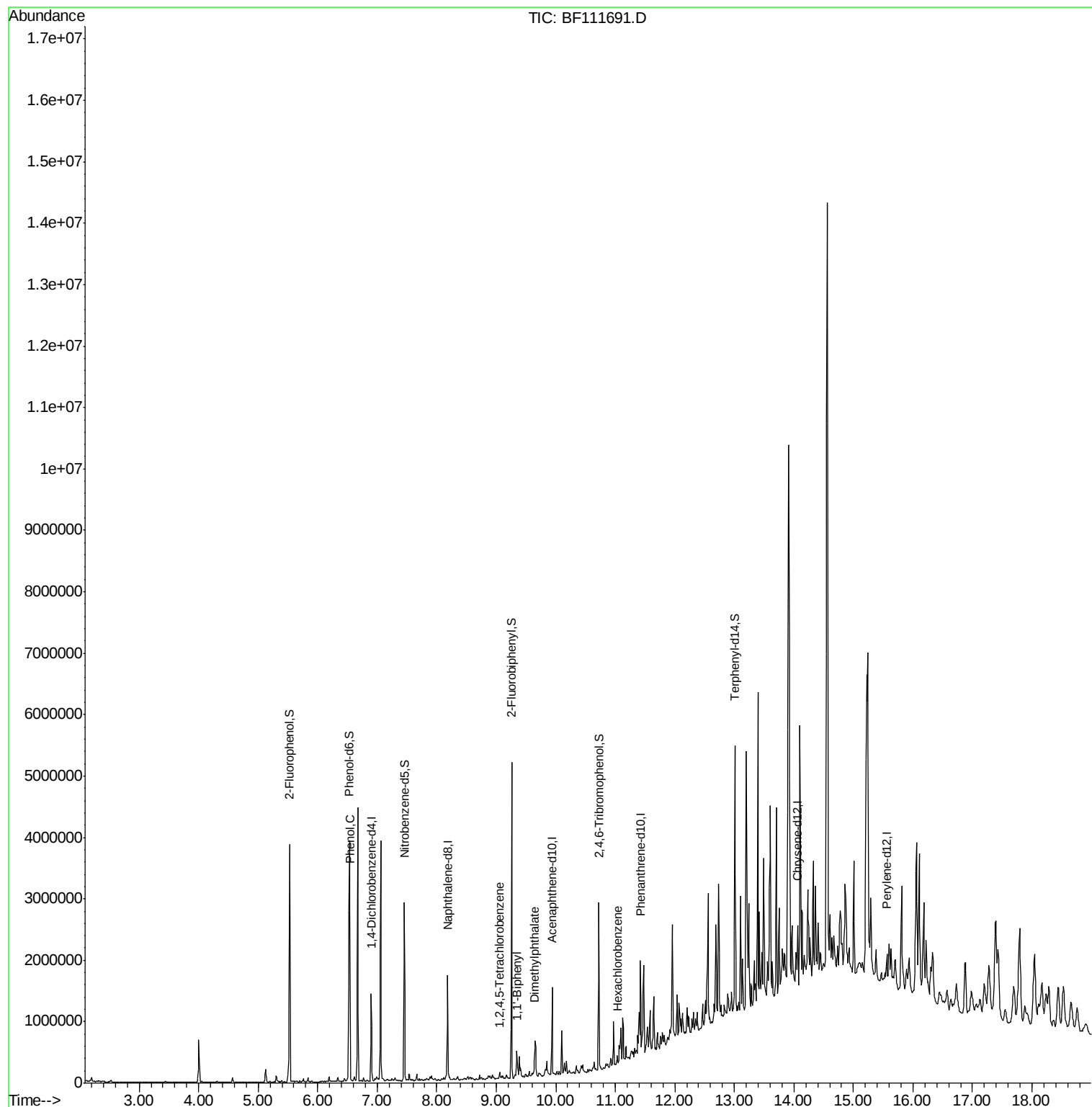
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183156	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	636422	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	271111	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	453580	20.00	ng	0.00
76) Chrysene-d12	14.06	240	342925	20.00	ng	0.01
87) Perylene-d12	15.56	264	255290	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1069280	99.51	ng	0.01
7) Phenol-d6	6.53	99	1328484	97.15	ng	0.01
23) Nitrobenzene-d5	7.46	82	833381	76.22	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	313879	97.98	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1434518	77.12	ng	0.00
79) Terphenyl-d14	13.01	244	1262351	69.81	ng	0.01
Target Compounds						
10) Phenol	6.55	94	90267	5.850	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	18790	2.109	ng	98
46) 1,1'-Biphenyl	9.36	154	54088	2.363	ng	91
50) Dimethylphthalate	9.65	163	144074	7.267	ng	100
68) Hexachlorobenzene	11.03	284	15656	2.496	ng	94

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

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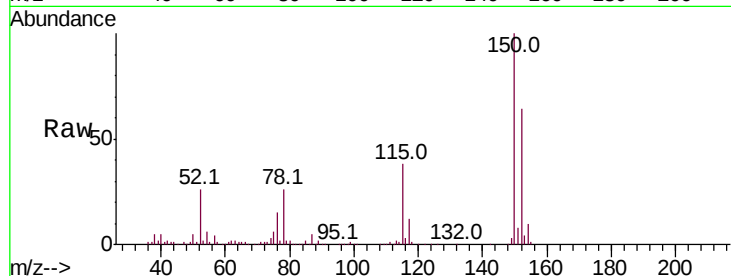


#1

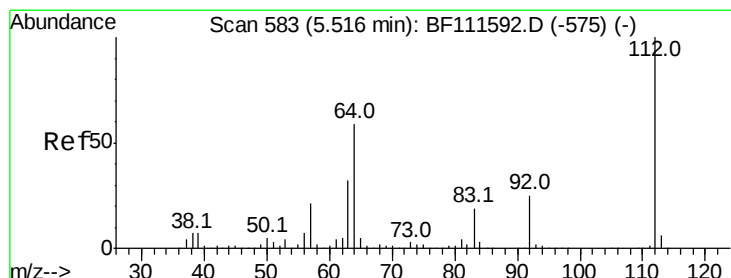
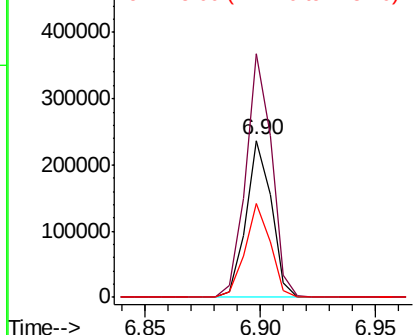
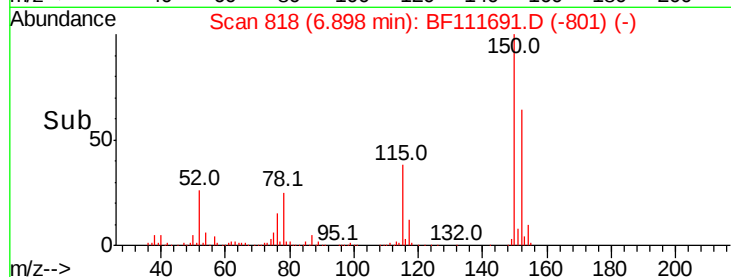
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111691.D
Acq: 21 Dec 2018 17:00

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01

Tot Ion:152 Resp: 183156
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 59.6 50.7 76.1



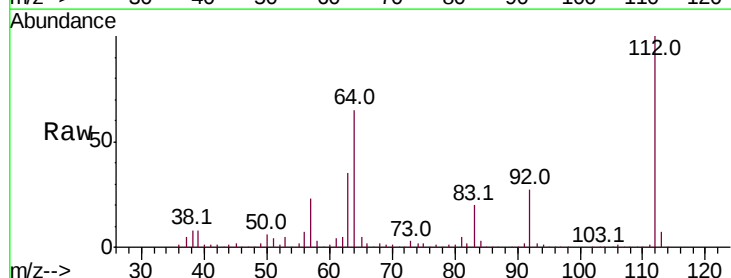
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



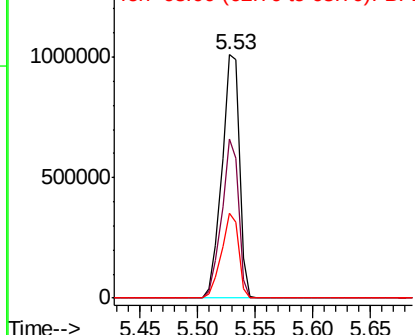
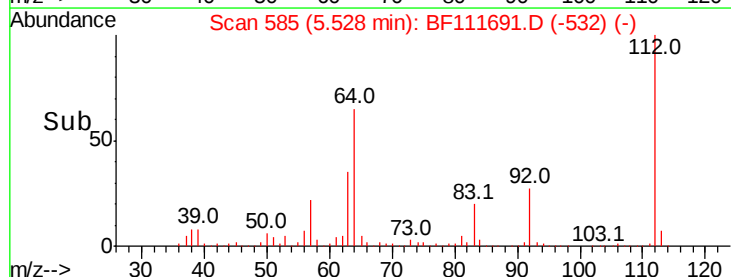
#5

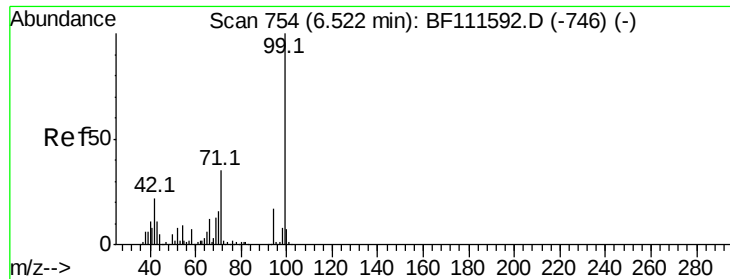
2-Fluorophenol
Concen: 99.512 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111691.D
Acq: 21 Dec 2018 17:00

Tgt Ion:112 Resp: 1069280
Ion Ratio Lower Upper
112 100
64 65.4 51.8 77.6
63 34.7 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: 97.148 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111691.D

Acq: 21 Dec 2018 17:00

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01

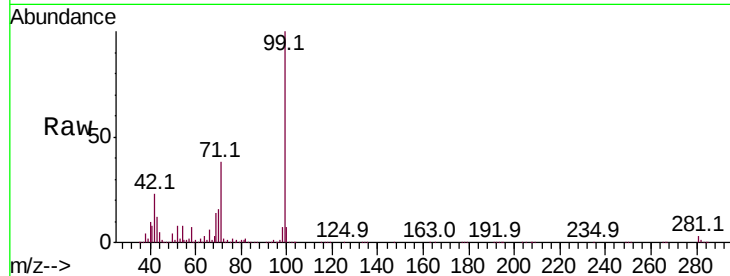
Tot Ion: 99 Resp: 1328484

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

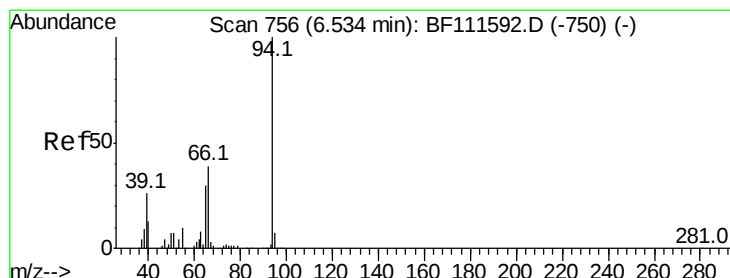
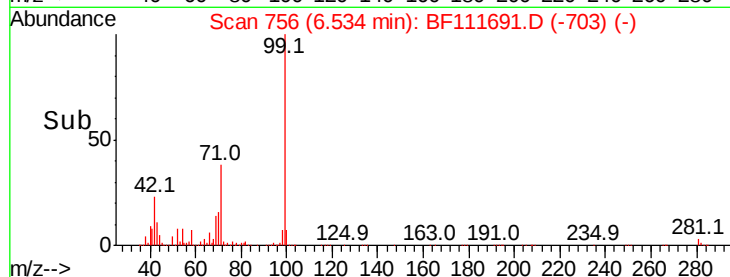
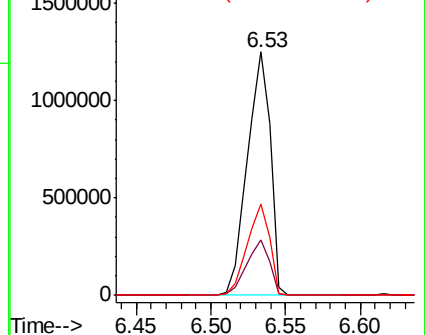
71 37.7 26.1 39.1



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: 5.850 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111691.D

Acq: 21 Dec 2018 17:00

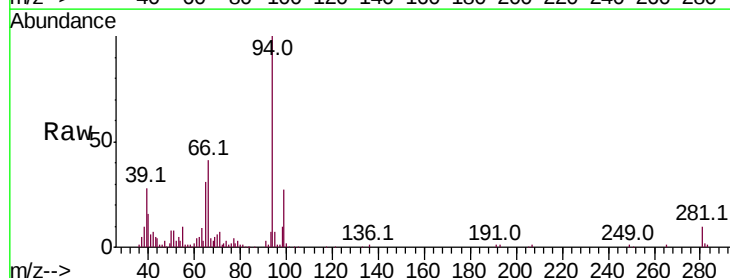
Tgt Ion: 94 Resp: 90267

Ion Ratio Lower Upper

94 100

65 31.1 11.7 51.7

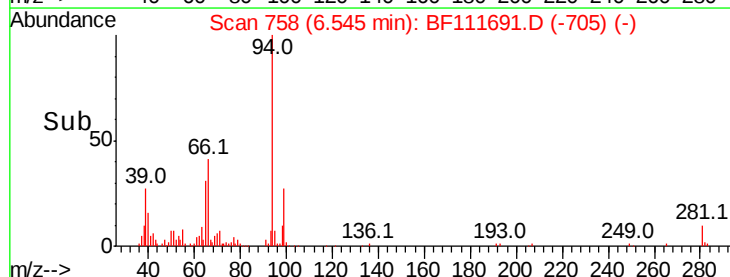
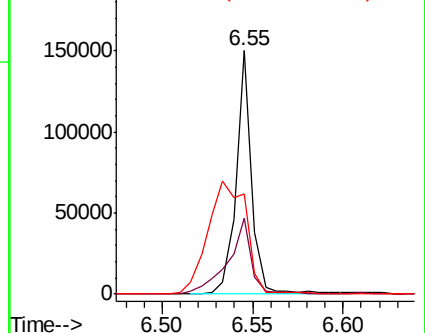
66 41.3 21.0 61.0

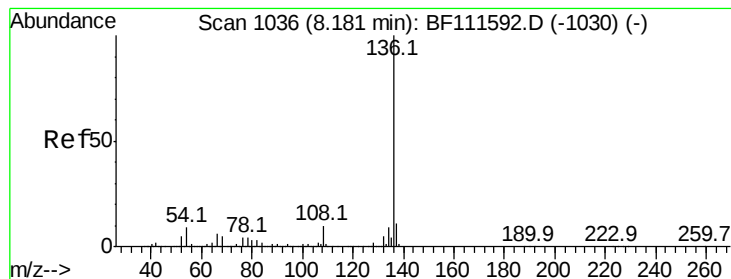


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111691.D

Acq: 21 Dec 2018 17:00

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01

Tot Ion:136 Resp: 636422

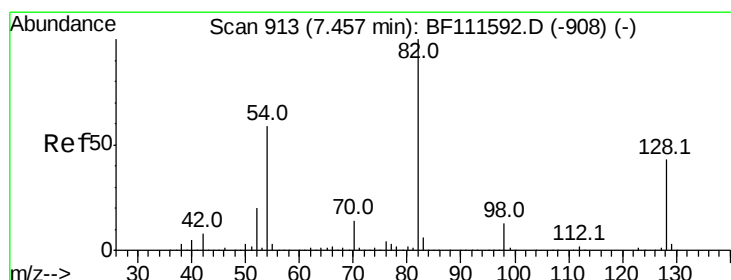
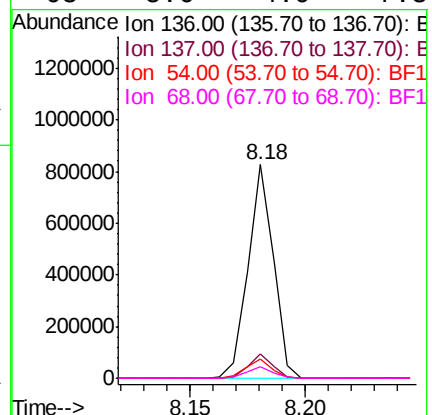
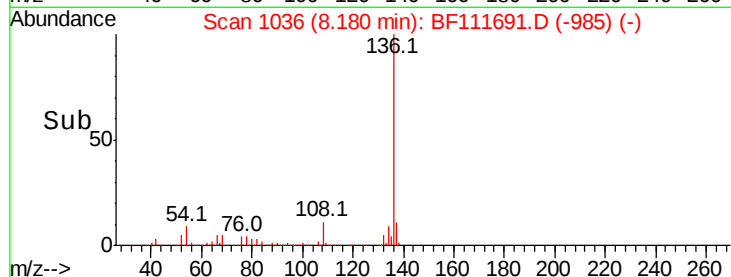
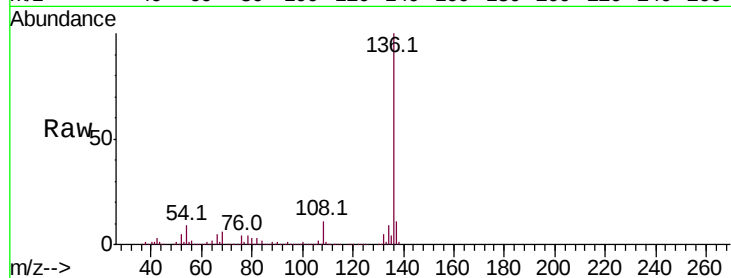
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.9 7.7 11.5

68 5.6 4.9 7.3



#23

Nitrobenzene-d5

Concen: 76.222 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111691.D

Acq: 21 Dec 2018 17:00

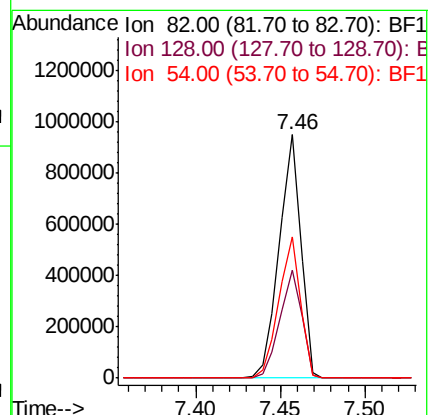
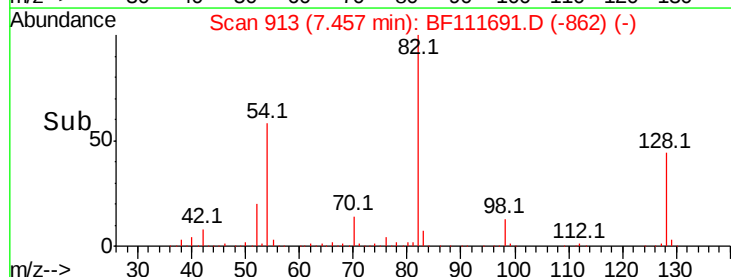
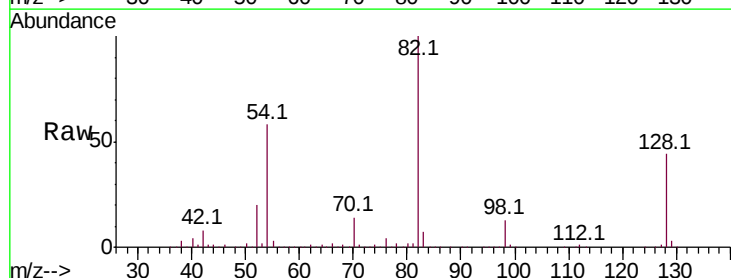
Tgt Ion: 82 Resp: 833381

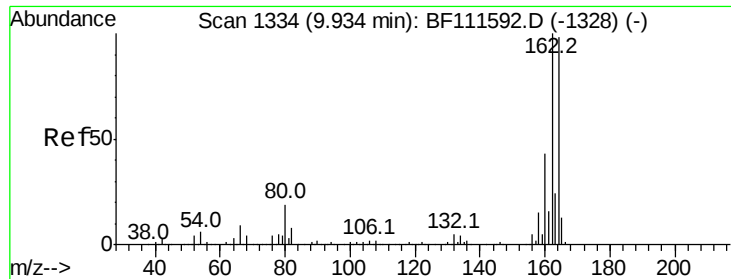
Ion Ratio Lower Upper

82 100

128 44.5 37.4 56.2

54 57.8 47.6 71.4

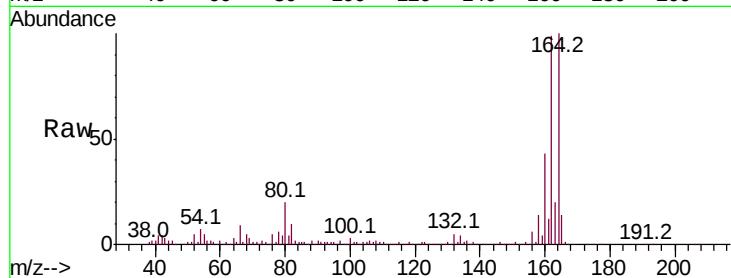




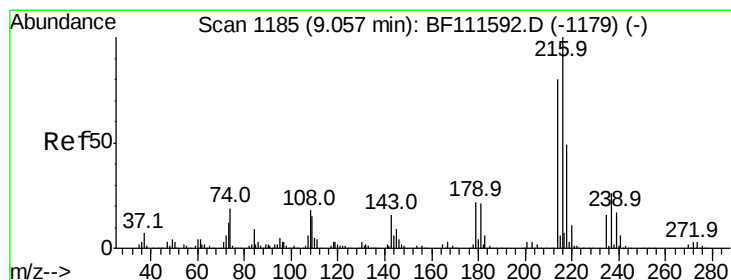
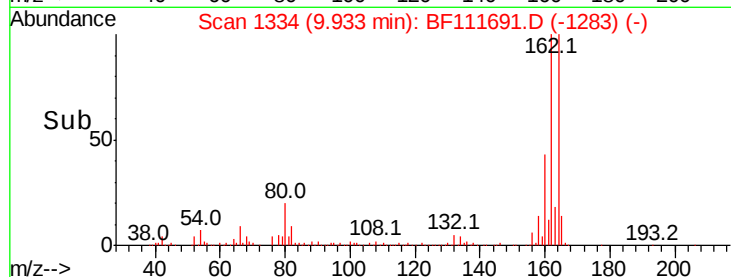
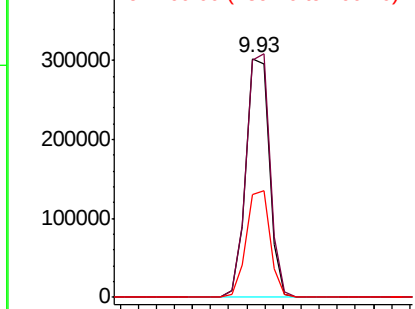
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111691.D
Acq: 21 Dec 2018 17:00

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01

Tot Ion:164 Resp: 271111
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 42.9 35.7 53.5

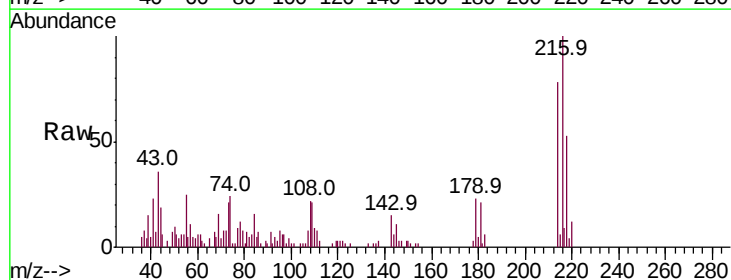


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

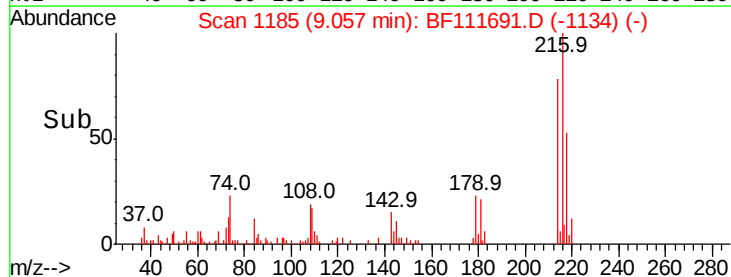
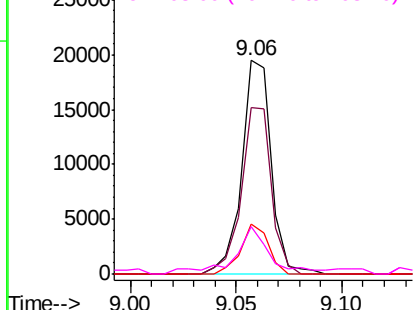


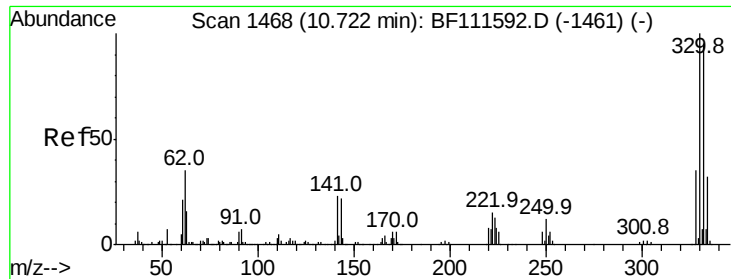
#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.109 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111691.D
Acq: 21 Dec 2018 17:00

Tgt Ion:216 Resp: 18790
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.8
179 21.5 17.9 26.9
108 27.0 18.4 27.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

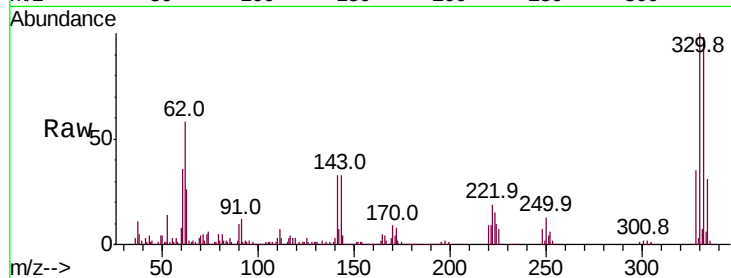




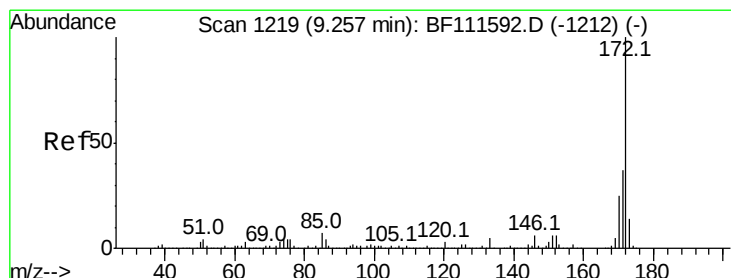
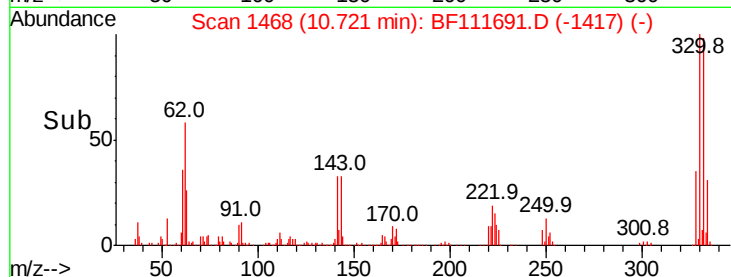
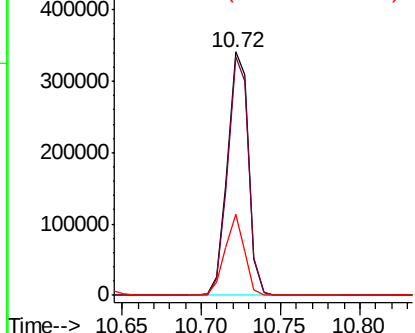
#42
 2,4,6-Tribromophenol
 Concen: 97.984 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111691.D
 Acq: 21 Dec 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	30.2	31.0	46.6#

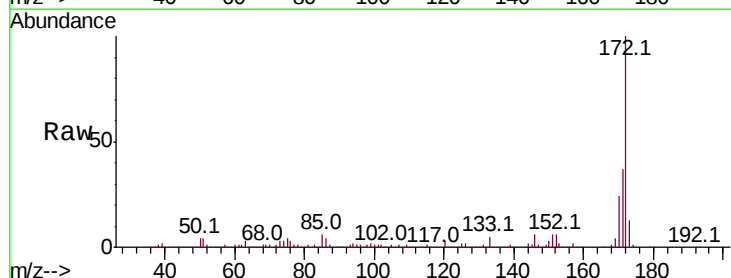


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

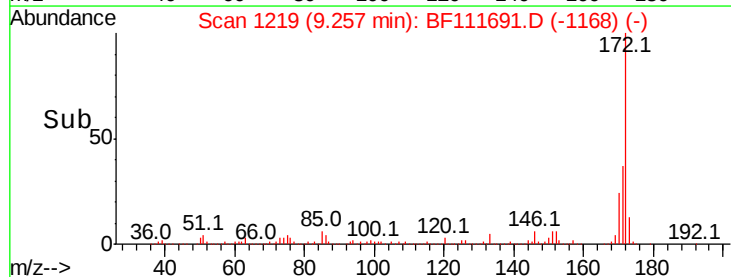
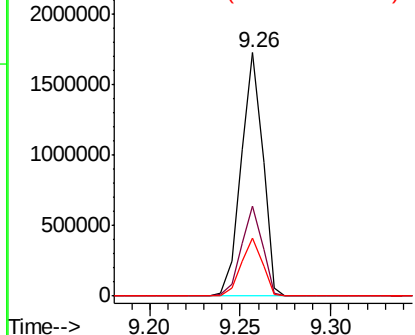


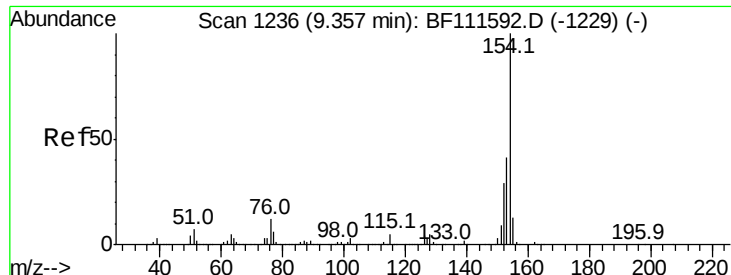
#45
 2-Fluorobiphenyl
 Concen: 77.124 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111691.D
 Acq: 21 Dec 2018 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	33.0	49.4
170	24.0	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

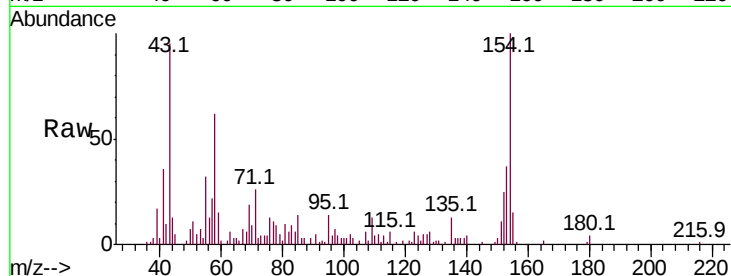




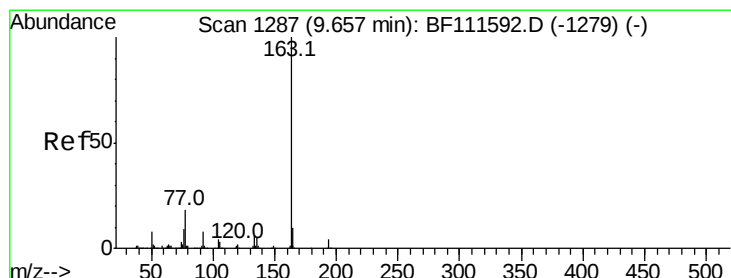
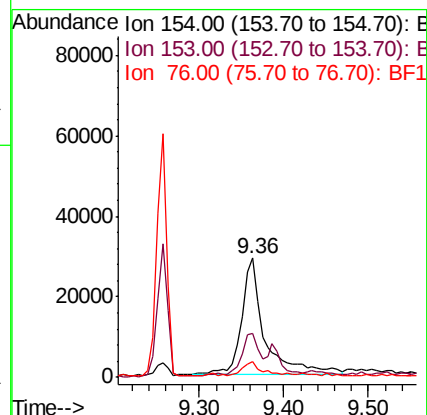
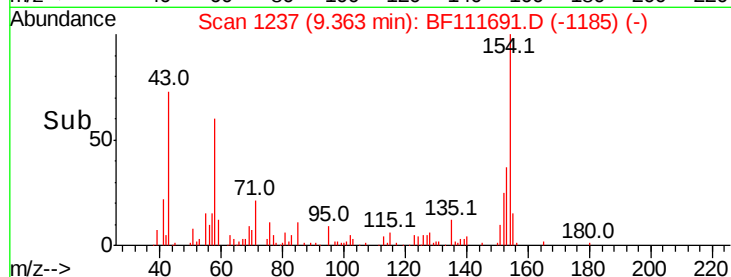
#46
1,1'-Biphenyl
Concen: 2.363 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111691.D
Acq: 21 Dec 2018 17:00

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01

Tot Ion:154 Resp: 54088
Ion Ratio Lower Upper
154 100
153 37.2 23.7 63.7
76 12.9 0.0 35.0

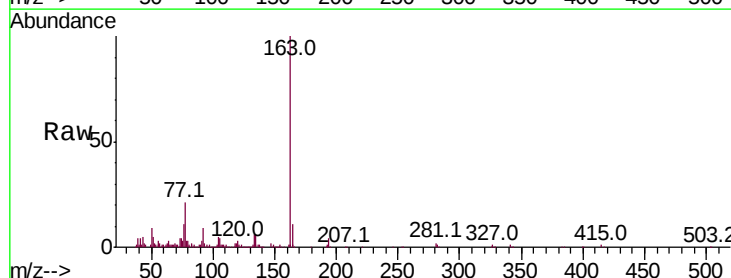


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

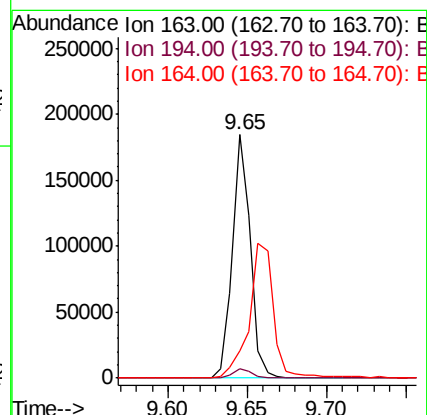
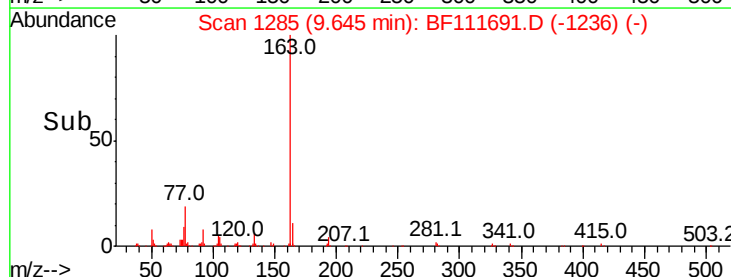


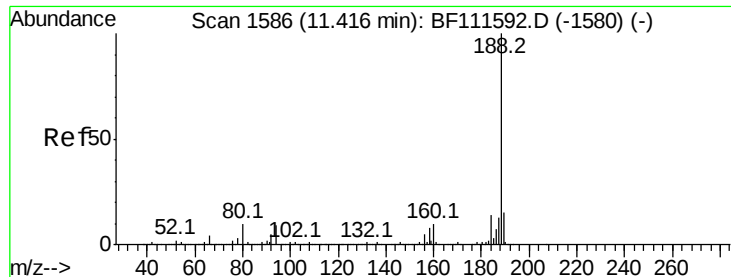
#50
Dimethylphthalate
Concen: 7.267 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111691.D
Acq: 21 Dec 2018 17:00

Tgt Ion:163 Resp: 144074
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 11.0 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# 1587

Delta R.T. 0.01 min

Lab File: BF111691.D

Acq: 21 Dec 2018 17:00

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01

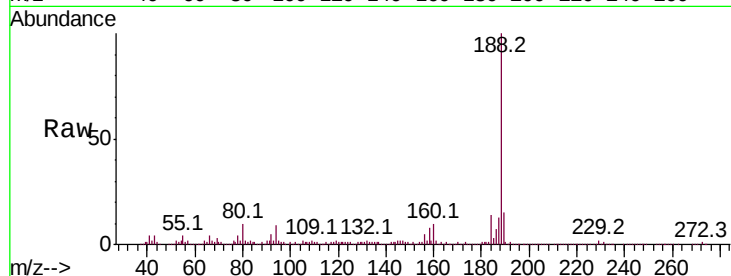
Tot Ion:188 Resp: 453580

Ion Ratio Lower Upper

188 100

94 8.8 9.6 14.4#

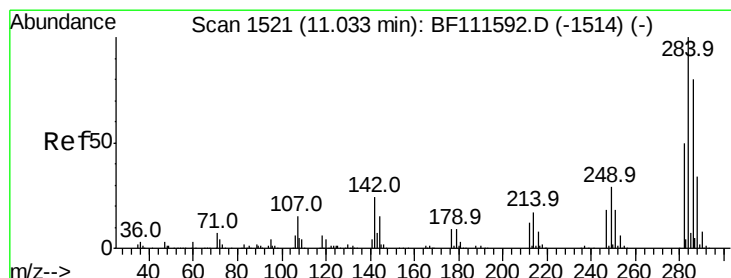
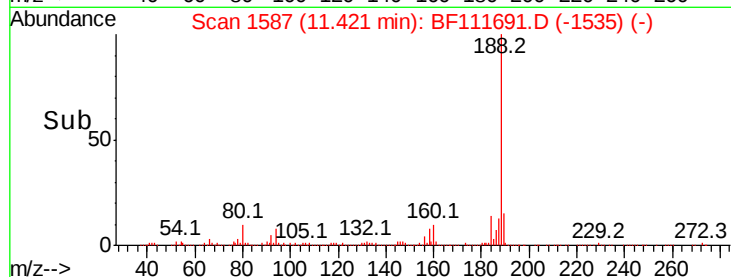
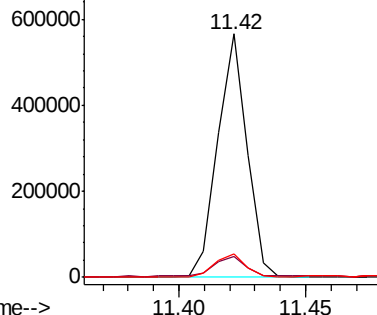
80 9.8 9.8 14.6



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



#68

Hexachlorobenzene

Concen: 2.496 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF111691.D

Acq: 21 Dec 2018 17:00

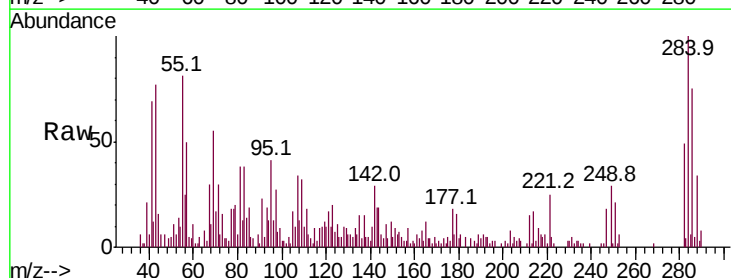
Tgt Ion:284 Resp: 15656

Ion Ratio Lower Upper

284 100

142 29.3 27.4 41.2

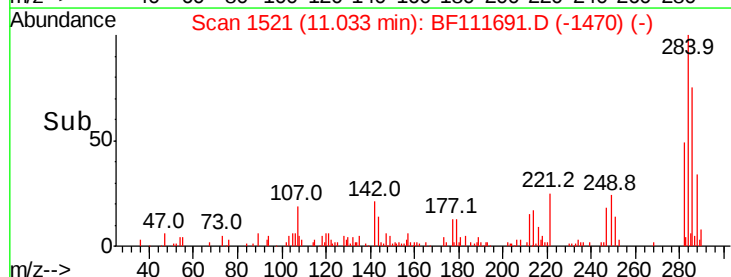
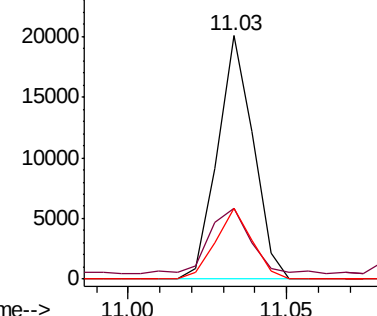
249 29.0 24.4 36.6

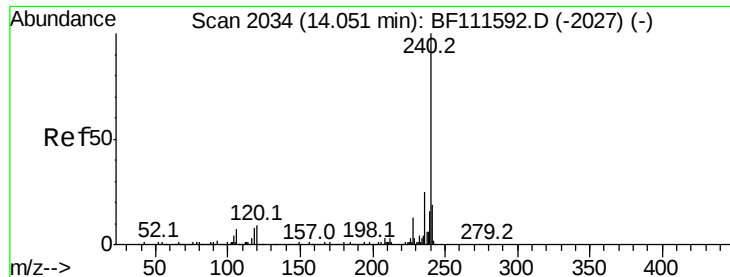


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

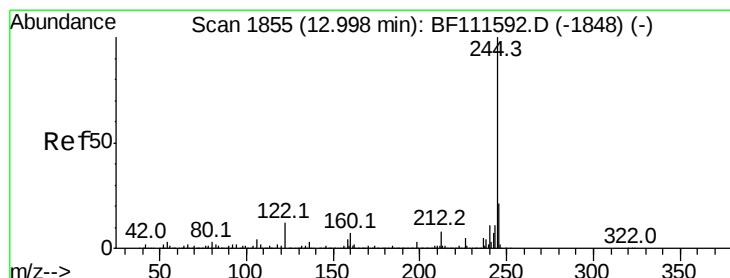
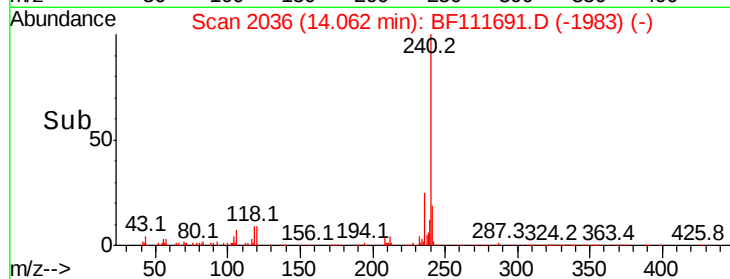
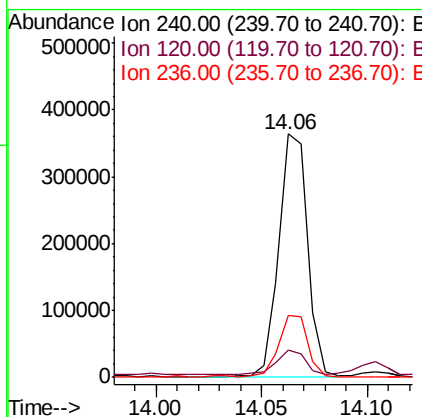
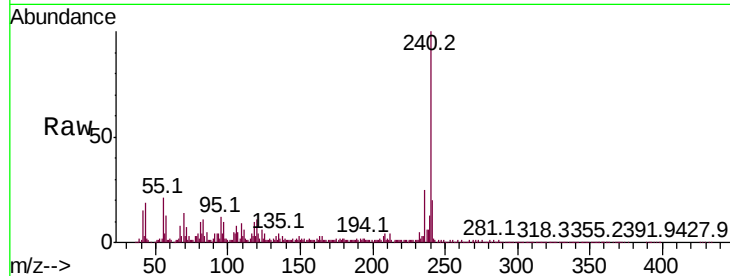




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF111691.D
 Acq: 21 Dec 2018 17:00

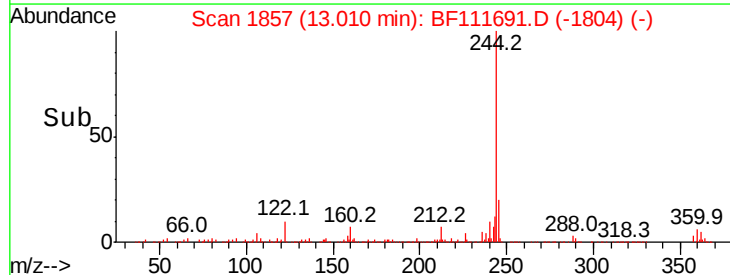
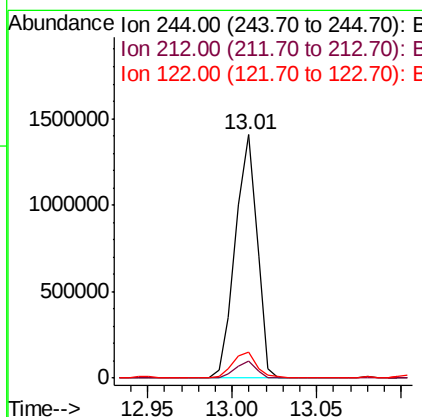
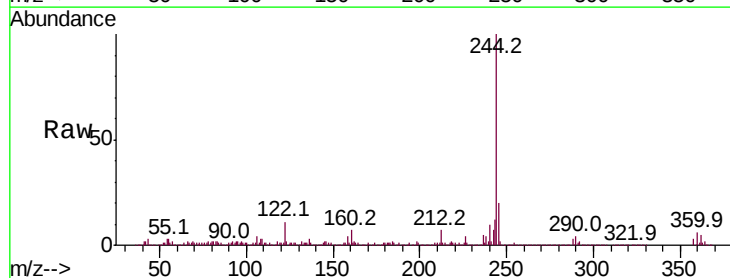
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01

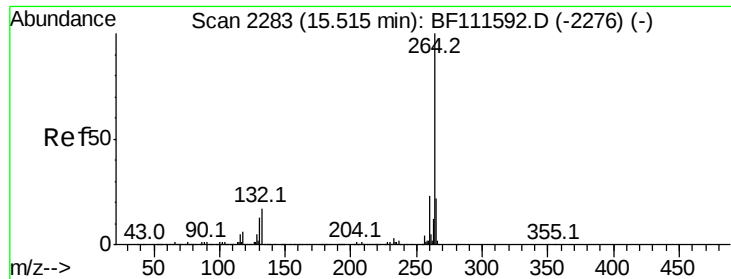
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	12.2	18.2#
236	25.2	20.2	30.2



#79
 Terphenyl-d14
 Concen: 69.810 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111691.D
 Acq: 21 Dec 2018 17:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.7	13.1	19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111691.D
Acq: 21 Dec 2018 17:00

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.4	17.7	26.5

