

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111529.D
 Acq On : 17 Dec 2018 10:29
 Operator : JU/SJ
 Sample : J6386-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-02

Quant Time: Dec 18 04:21:04 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

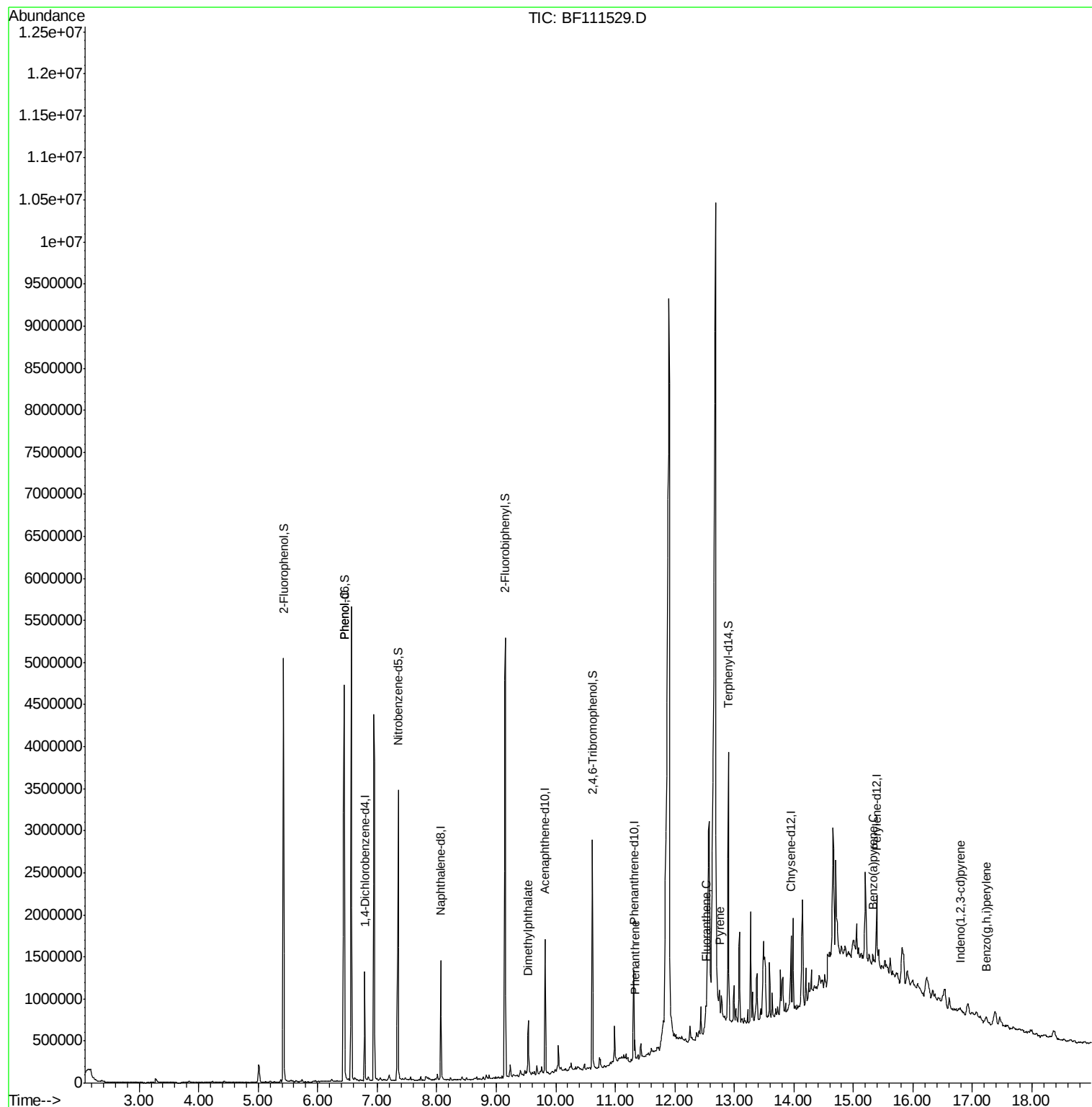
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	183292	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	598023	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	320221	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	411098	20.00	ng	0.00
76) Chrysene-d12	13.95	240	294130	20.00	ng	0.00
87) Perylene-d12	15.39	264	406718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1435523	130.33	ng	0.01
7) Phenol-d6	6.45	99	1879030	128.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	1164750	115.98	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	280934	97.94	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1798309	86.74	ng	0.00
79) Terphenyl-d14	12.90	244	1120491	89.46	ng	0.00
Target Compounds						
10) Phenol	6.45	94	139512	8.548	ng	98
50) Dimethylphthalate	9.54	163	223281	9.682	ng	98
71) Phenanthrene	11.33	178	88054	4.157	ng	94
75) Fluoranthene	12.52	202	50304	2.427	ng	98
78) Pyrene	12.75	202	87517	4.220	ng	95
86) Indeno(1,2,3-cd)pyrene	16.80	276	26299	2.163	ng	97
90) Benzo(a)pyrene	15.33	252	46015	2.152	ng	# 64
92) Benzo(g,h,i)perylene	17.23	276	35815	2.163	ng	# 93

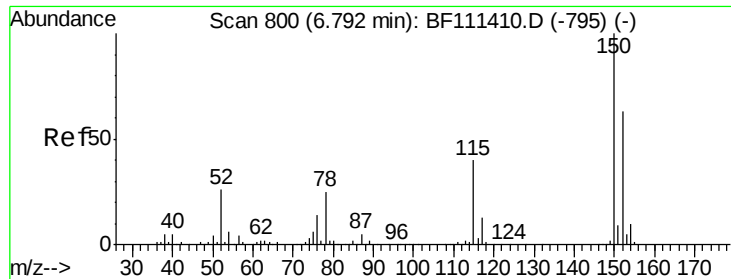
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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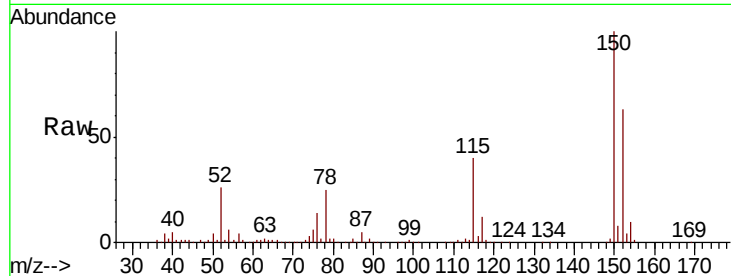


#1

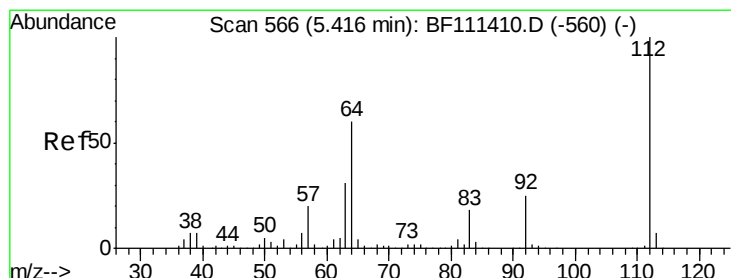
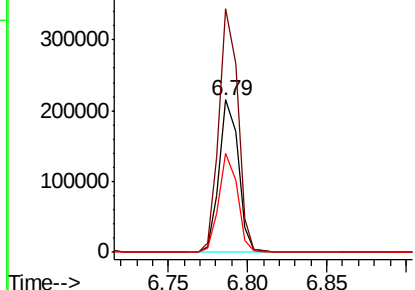
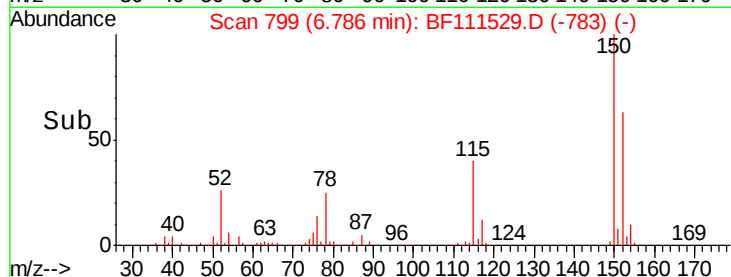
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111529.D
Acq: 17 Dec 2018 10:29

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tot Ion:152 Resp: 183292
Ion Ratio Lower Upper
152 100
150 159.5 126.6 189.8
115 64.4 50.7 76.1



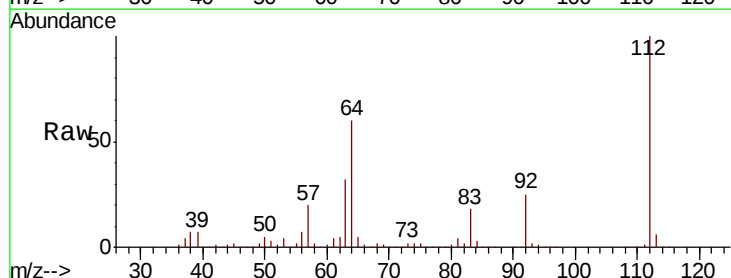
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



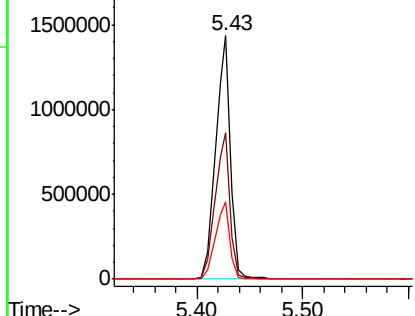
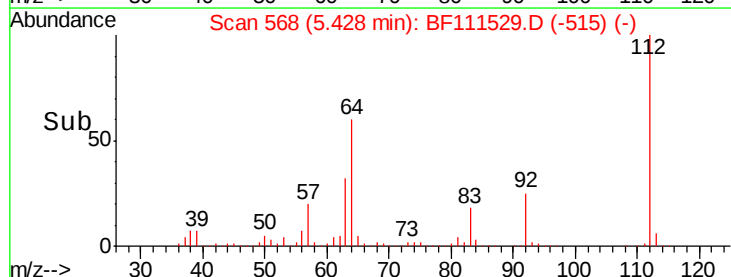
#5

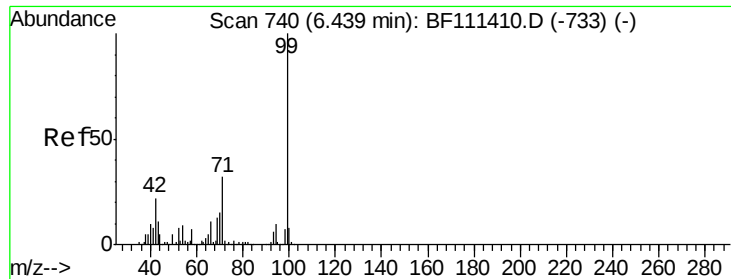
2-Fluorophenol
Concen: 130.327 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111529.D
Acq: 17 Dec 2018 10:29

Tgt Ion:112 Resp: 1435523
Ion Ratio Lower Upper
112 100
64 60.0 51.8 77.6
63 31.8 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: 128.248 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-02

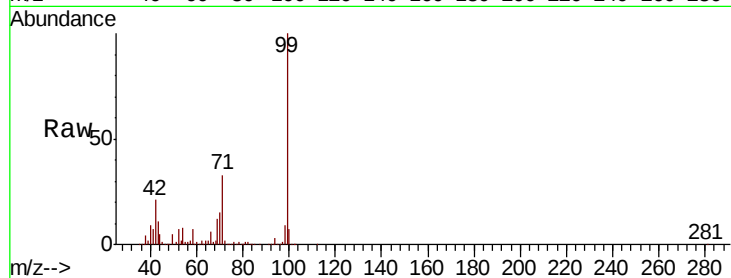
Tot Ion: 99 Resp: 1879030

Ion Ratio Lower Upper

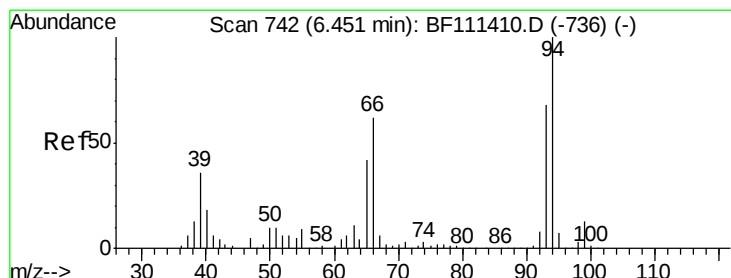
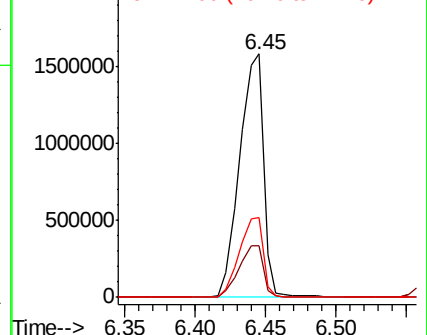
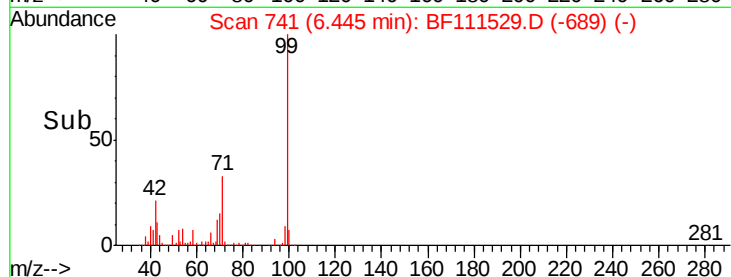
99 100

42 21.0 17.4 26.0

71 32.6 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: 8.548 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

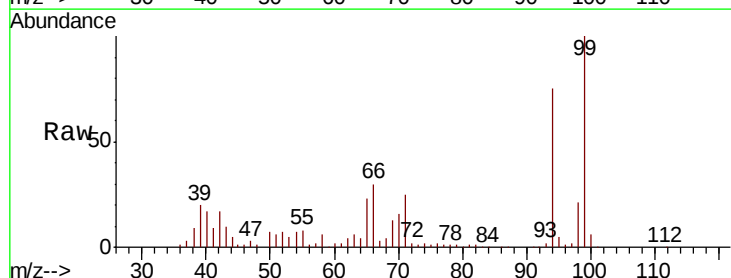
Tgt Ion: 94 Resp: 139512

Ion Ratio Lower Upper

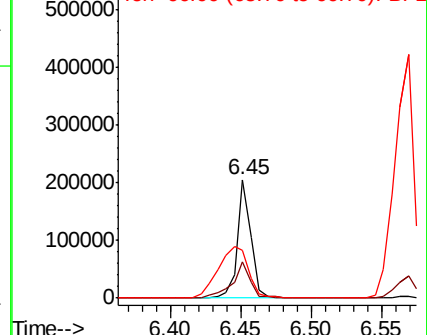
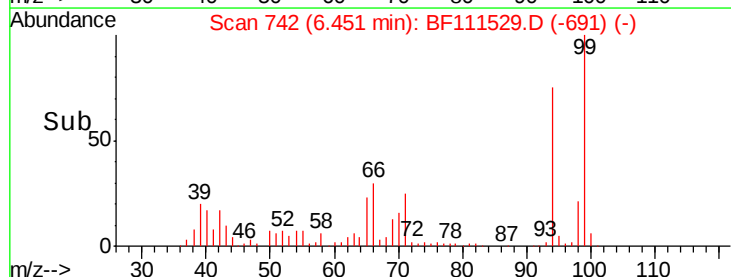
94 100

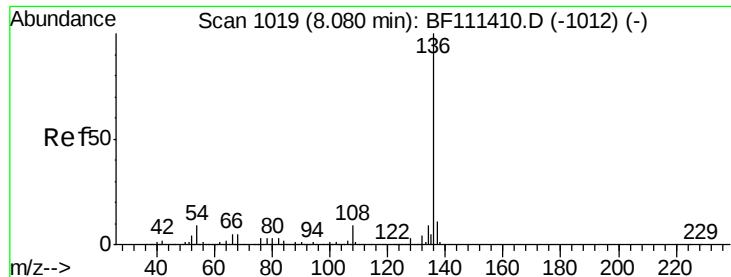
65 30.6 11.7 51.7

66 40.1 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-02

Tot Ion:136 Resp: 598023

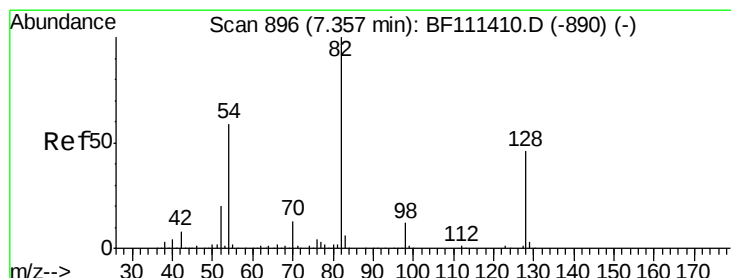
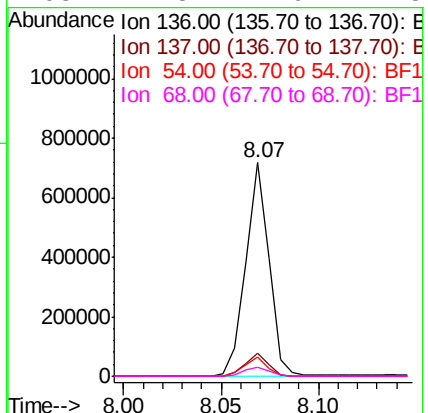
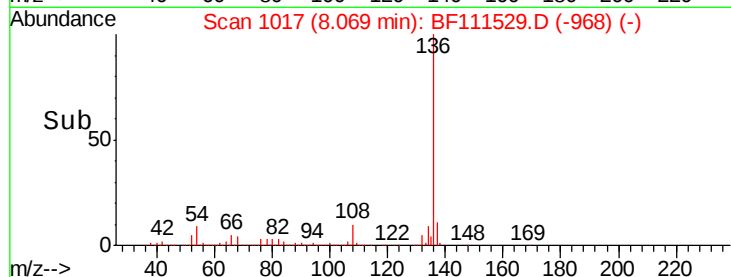
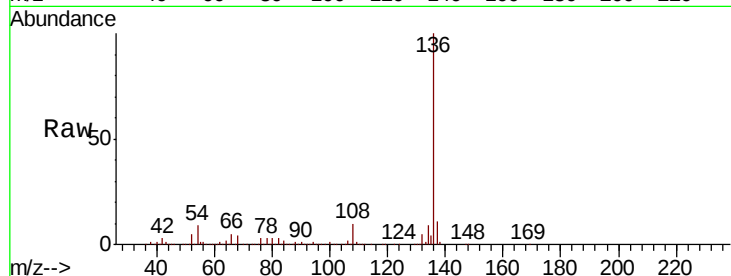
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.2 7.7 11.5

68 4.3 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 115.981 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

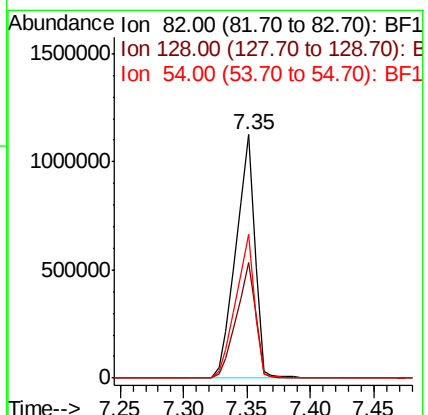
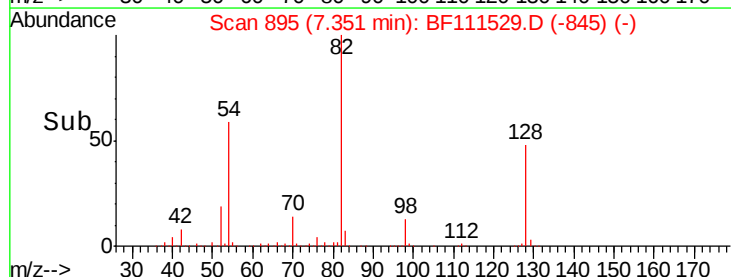
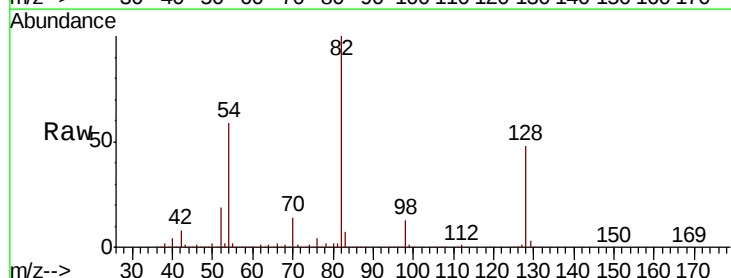
Tgt Ion: 82 Resp: 1164750

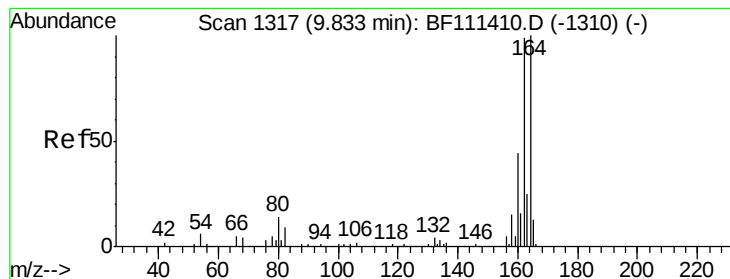
Ion Ratio Lower Upper

82 100

128 47.7 37.4 56.2

54 59.0 47.6 71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-02

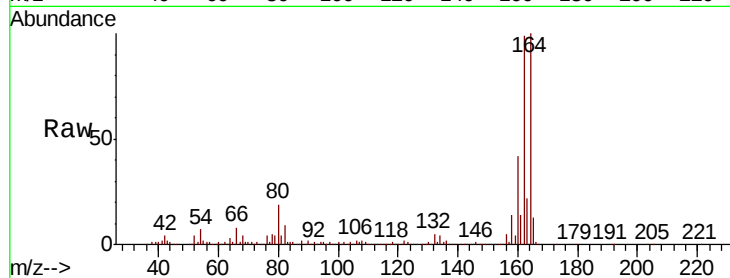
Tot Ion:164 Resp: 320221

Ion Ratio Lower Upper

164 100

162 99.5 81.4 122.0

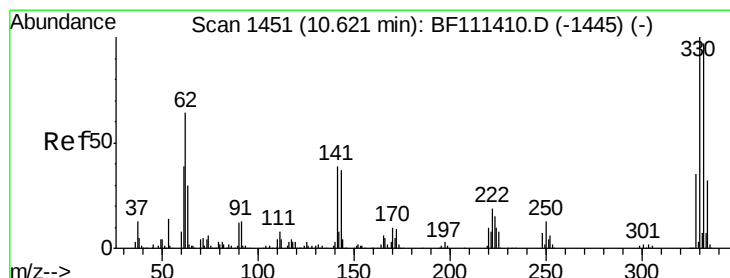
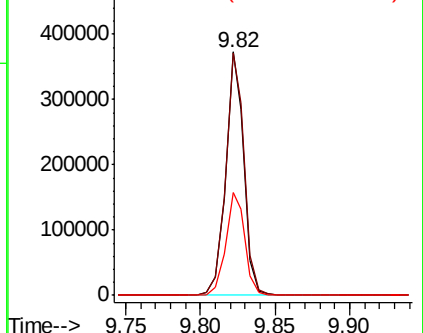
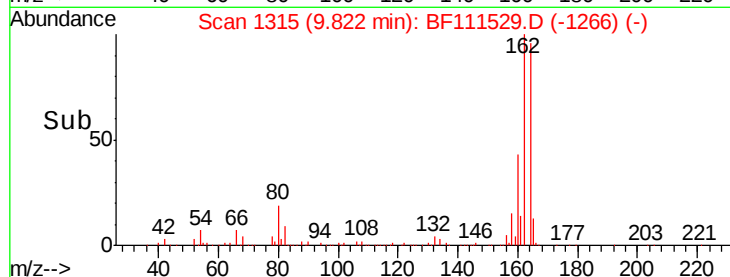
160 42.2 35.7 53.5



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: 97.938 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

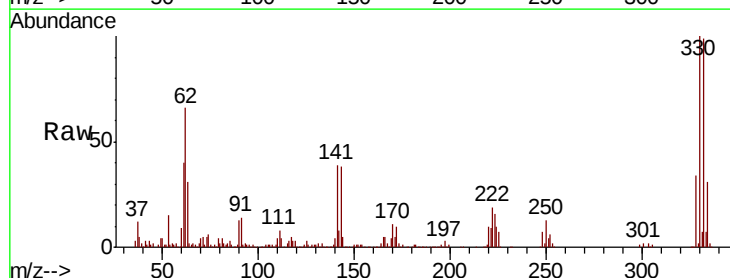
Tgt Ion:330 Resp: 280934

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

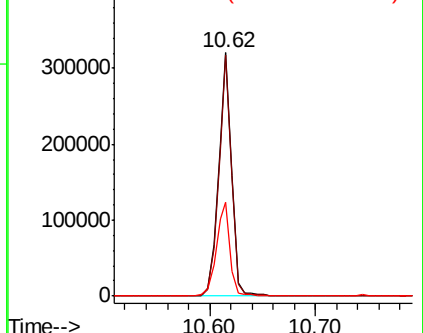
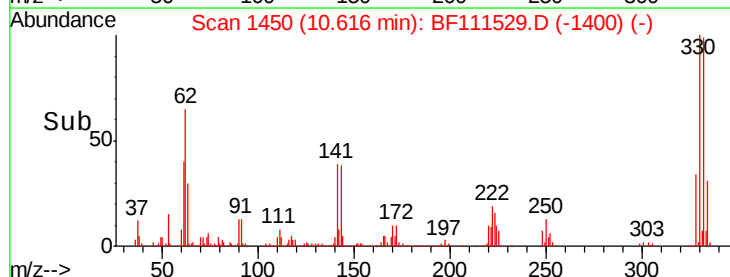
141 39.9 31.0 46.6

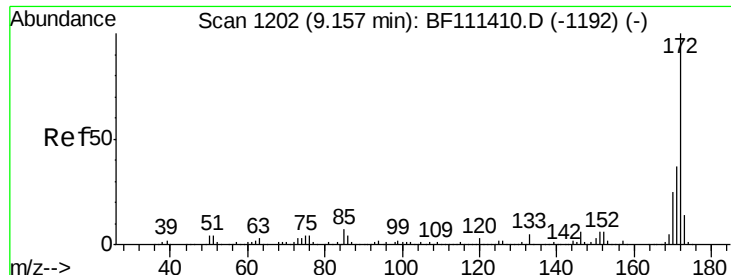


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

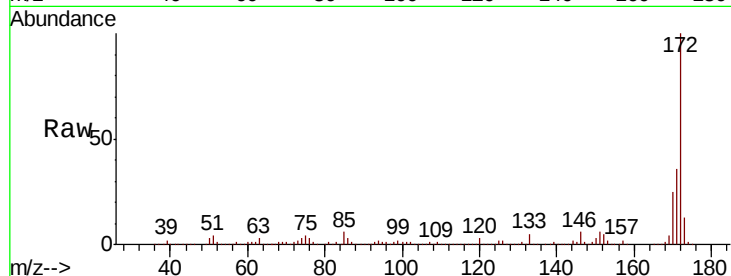




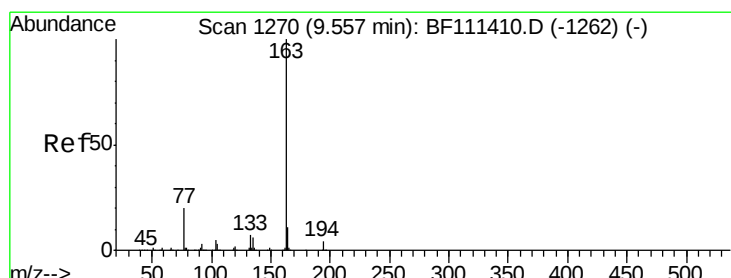
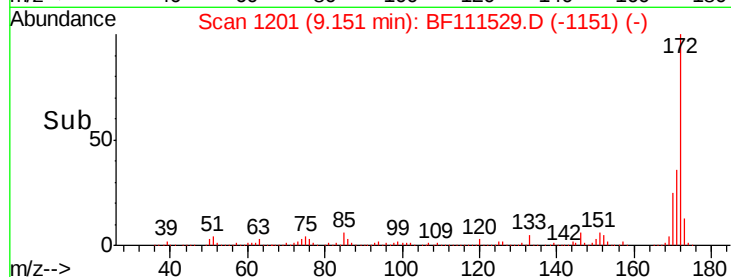
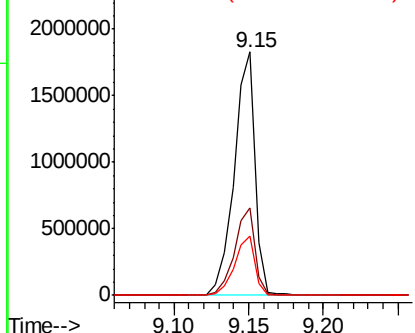
#45
2-Fluorobiphenyl
Concen: 86.744 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111529.D
Acq: 17 Dec 2018 10:29

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tot Ion:172 Resp: 1798309
Ion Ratio Lower Upper
172 100
171 36.0 33.0 49.4
170 24.5 22.3 33.5

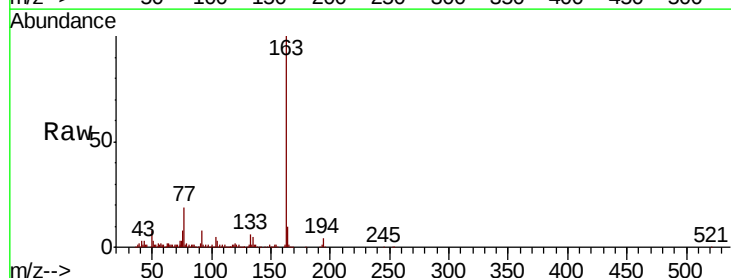


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

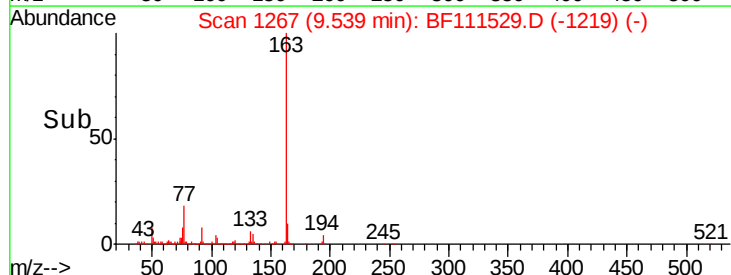
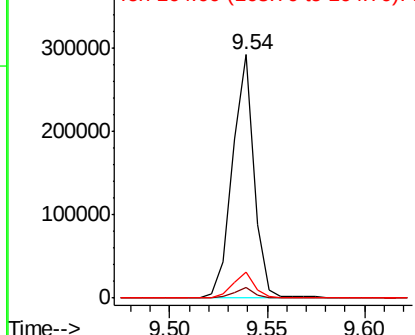


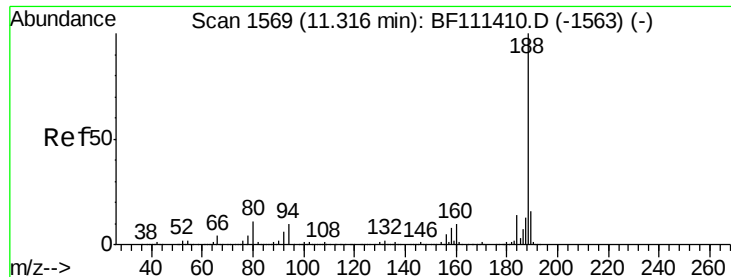
#50
Dimethylphthalate
Concen: 9.682 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111529.D
Acq: 17 Dec 2018 10:29

Tgt Ion:163 Resp: 223281
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
400000 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: BF111529.D

Acq: 17 Dec 2018 10:29

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-02

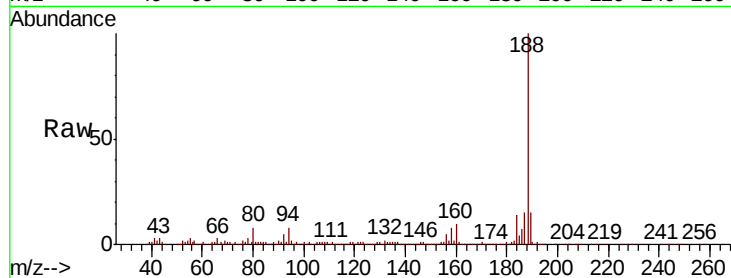
Tot Ion:188 Resp: 411098

Ion Ratio Lower Upper

188 100

94 8.4 9.6 14.4#

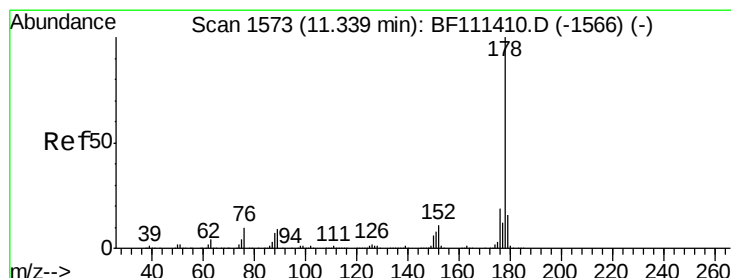
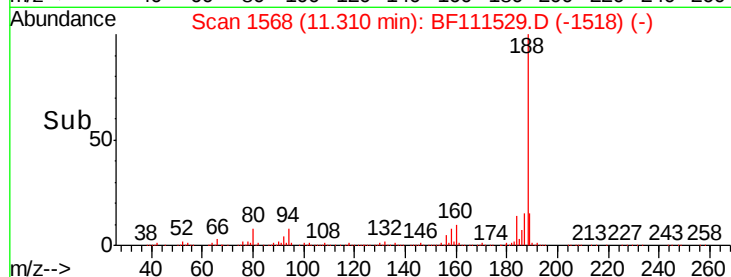
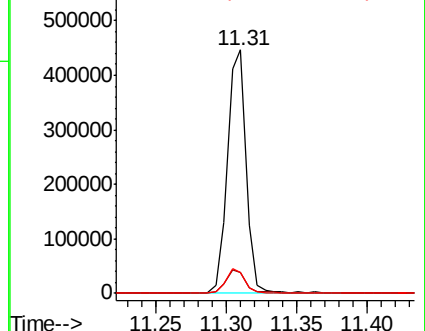
80 8.4 9.8 14.6#



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



#71

Phenanthrene

Concen: 4.157 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

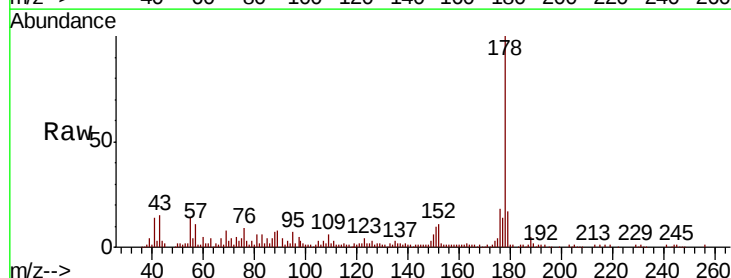
Tgt Ion:178 Resp: 88054

Ion Ratio Lower Upper

178 100

176 18.4 18.1 27.1

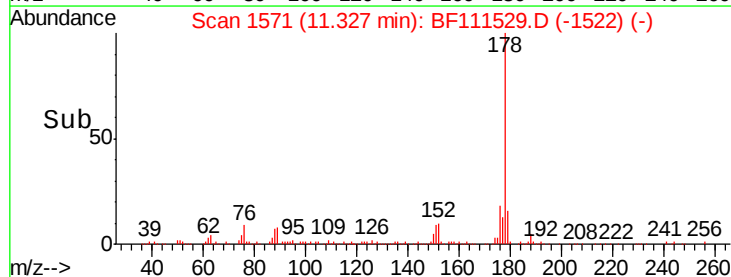
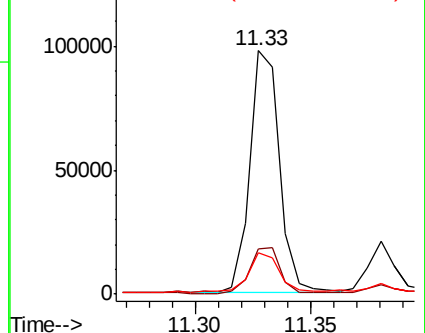
179 16.8 14.0 21.0

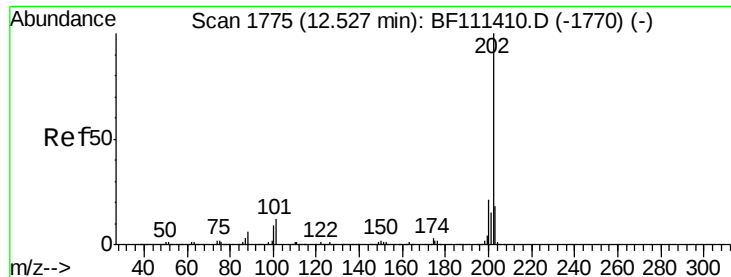


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.427 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-02

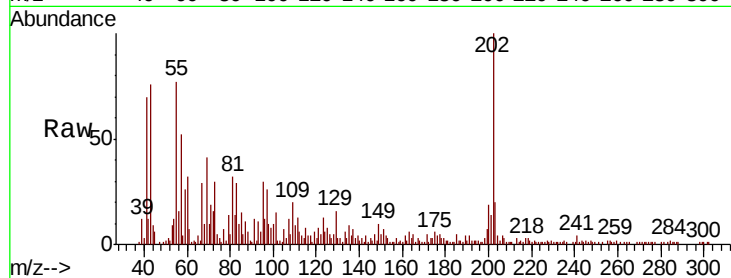
Tot Ion:202 Resp: 50304

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.8

203 19.7 0.0 38.6

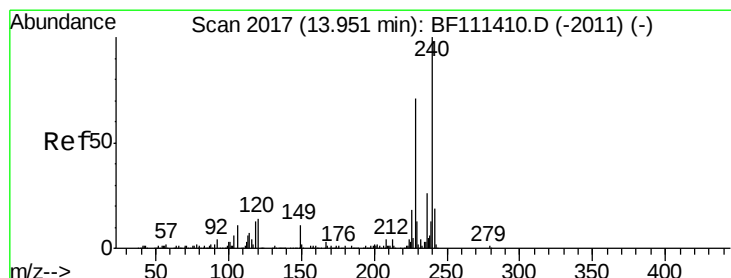
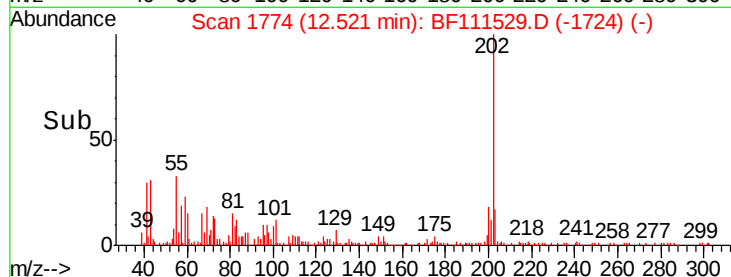
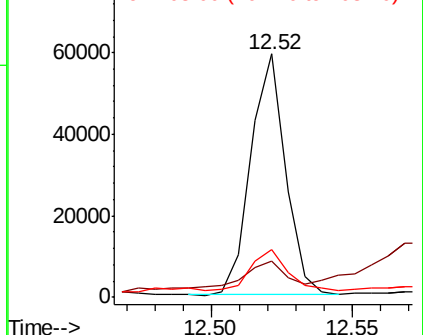


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

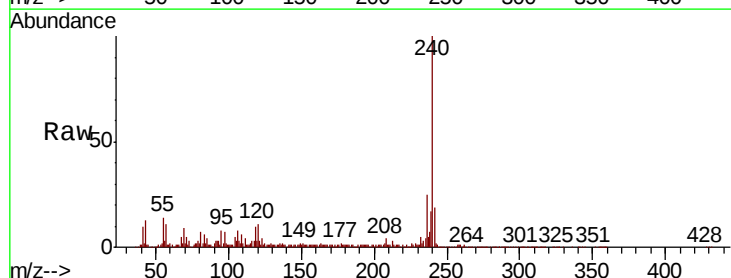
Tgt Ion:240 Resp: 294130

Ion Ratio Lower Upper

240 100

120 11.4 12.2 18.2#

236 25.4 20.2 30.2

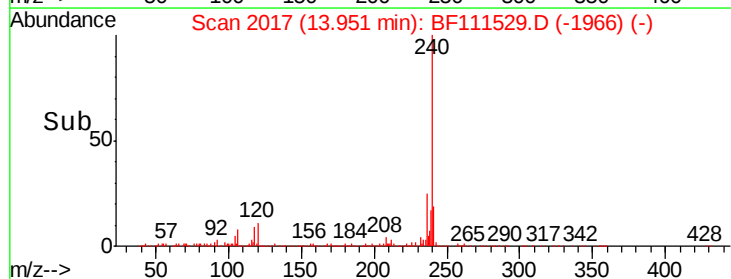
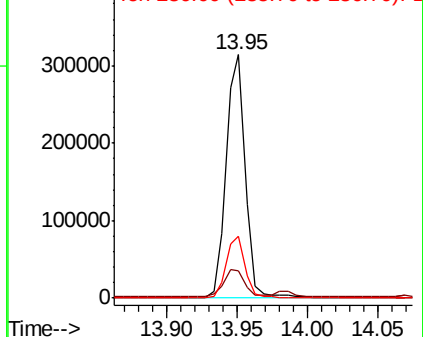


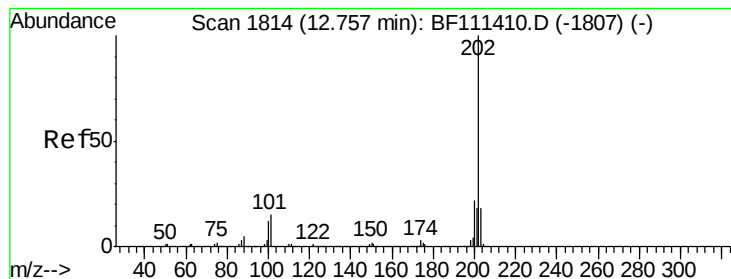
Abundance

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





#78

Pvrene

Concen: 4.220 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

Instrument :

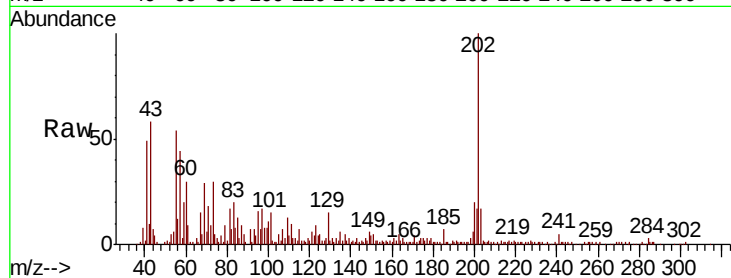
BNA_F

ClientSampleId :

P001-SS006-1824-02

Tot Ion:202 Resp: 87517

Ion	Ratio	Lower	Upper
202	100		
200	20.4	19.0	28.4
203	17.4	15.2	22.8

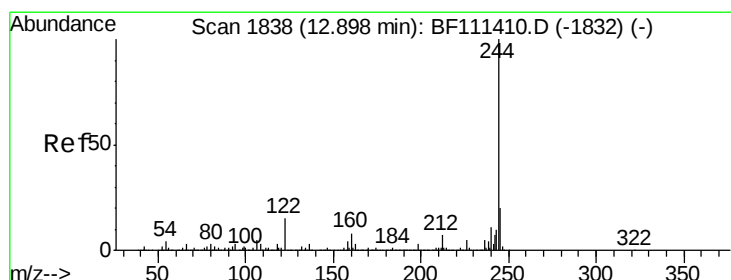
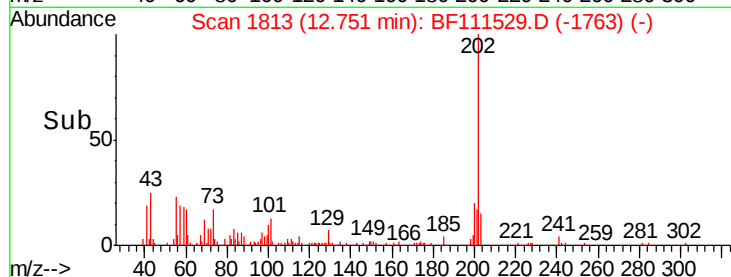
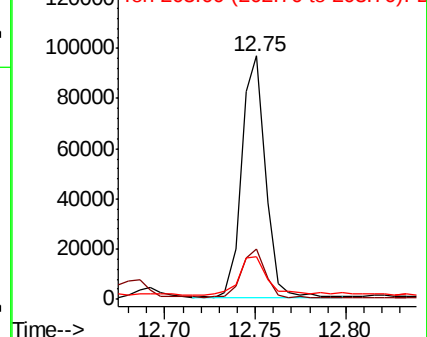


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 89.456 ng

RT: 12.90 min Scan# 1838

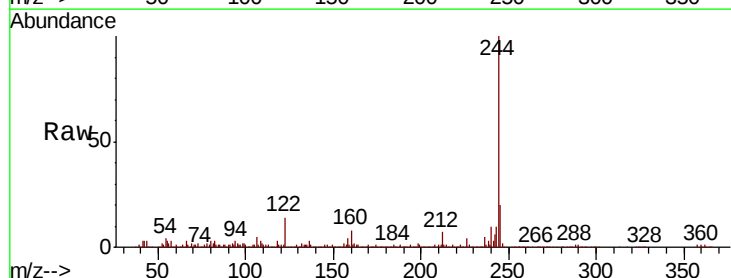
Delta R.T. 0.00 min

Lab File: BF111529.D

Acq: 17 Dec 2018 10:29

Tgt Ion:244 Resp: 1120491

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	13.6	13.1	19.7

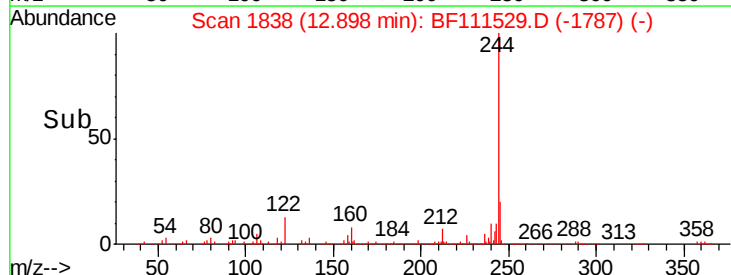
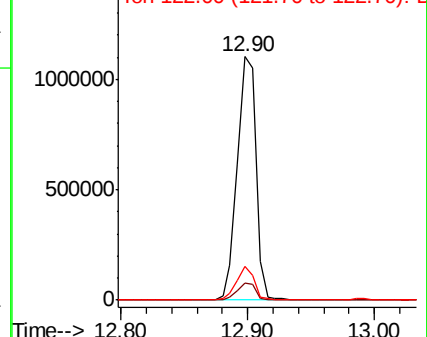


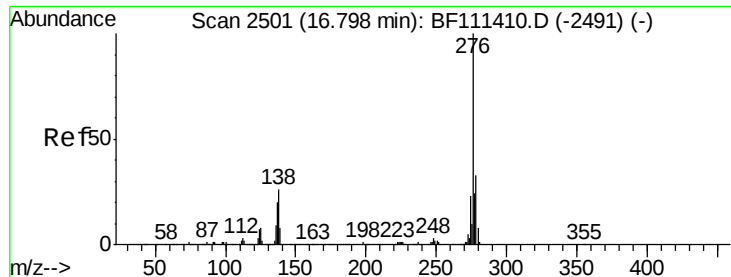
Abundance

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

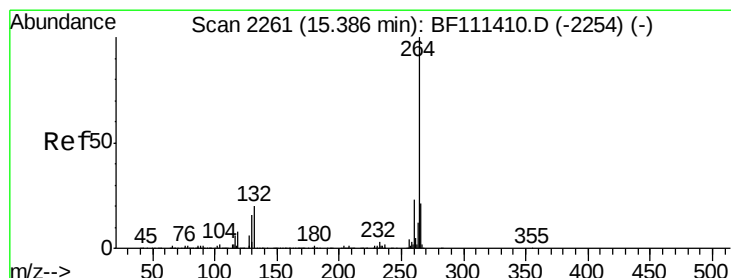
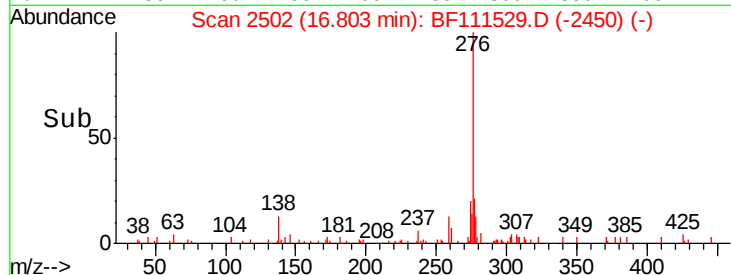
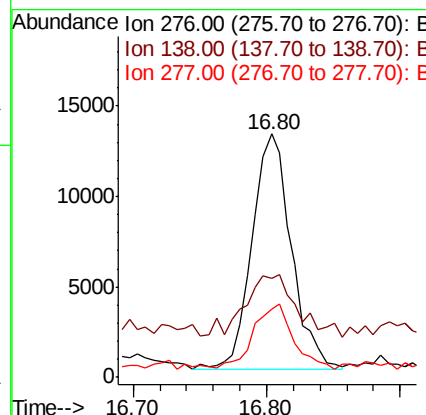
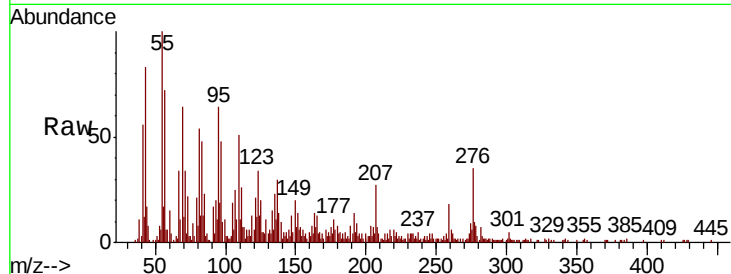




#86
Indeno(1,2,3-cd)pyrene
Concen: 2.163 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF111529.D
Acq: 17 Dec 2018 10:29

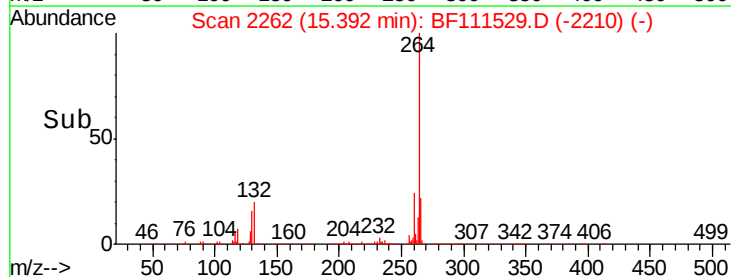
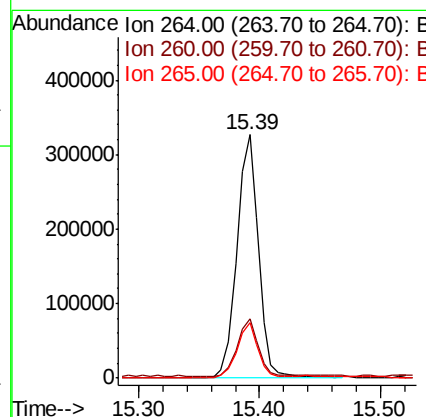
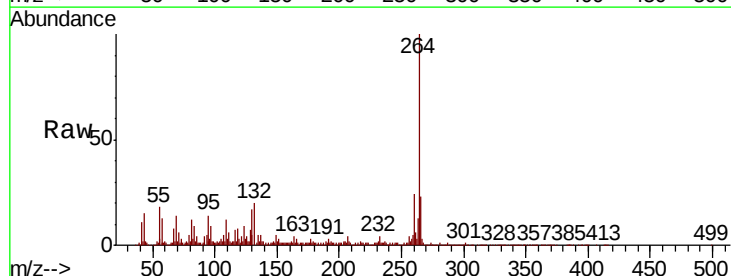
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

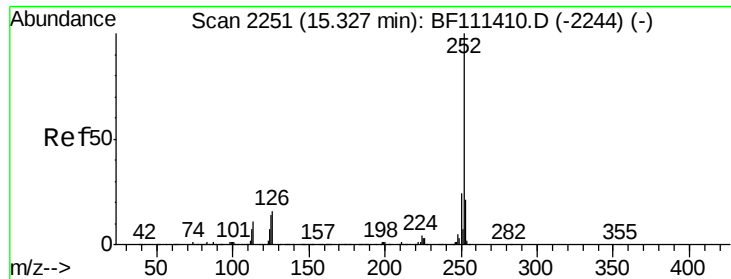
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
277	28.0	20.1	30.1



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111529.D
Acq: 17 Dec 2018 10:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	22.6	17.7	26.5

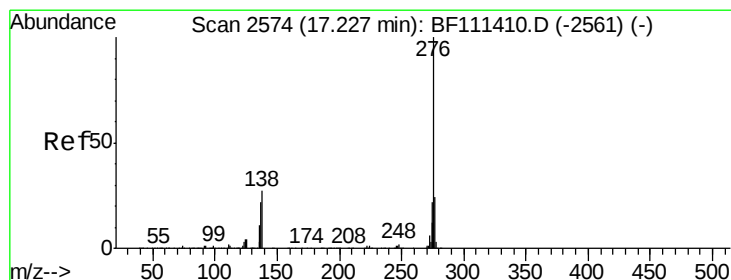
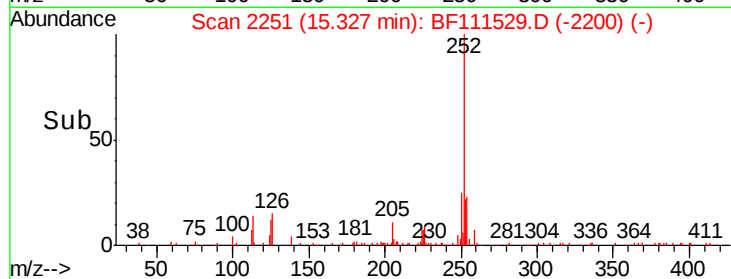
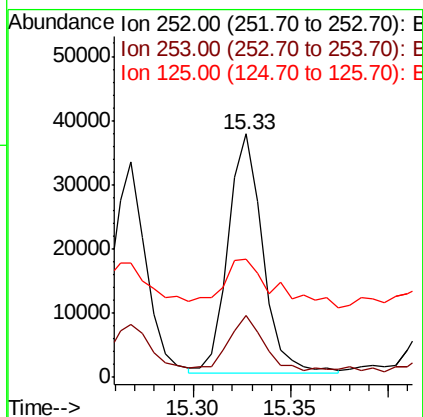
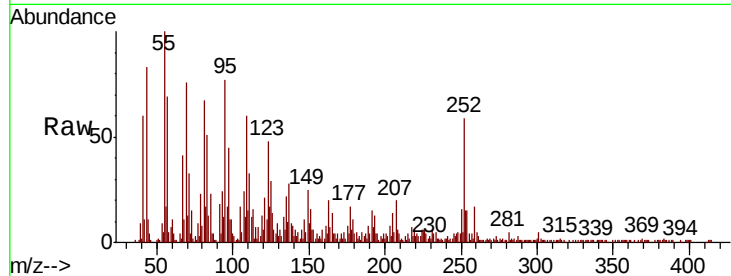




#90
Benzo(a)pyrene
Concen: 2.152 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111529.D
Acq: 17 Dec 2018 10:29

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.8
125	48.4	12.3	18.5



#92
Benzo(g,h,i)perylene
Concen: 2.163 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111529.D
Acq: 17 Dec 2018 10:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	37.6	24.9	37.3

