

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040219\
 Data File : BF113506.D
 Acq On : 2 Apr 2019 15:28
 Operator : JU/SJ
 Sample : K2208-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFL-2

Quant Time: Apr 02 17:19:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	129557	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	483708	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	239170	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	481054	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	352888	20.00	ng	-0.02
87) Perylene-d12	15.23	264	326090	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	219930	27.76	ng	-0.01
7) Phenol-d6	6.34	99	176179	17.58	ng	-0.02
23) Nitrobenzene-d5	7.26	82	704526	86.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	186215	63.03	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1296826	84.98	ng	-0.02
79) Terphenyl-d14	12.78	244	1372869	85.75	ng	-0.02

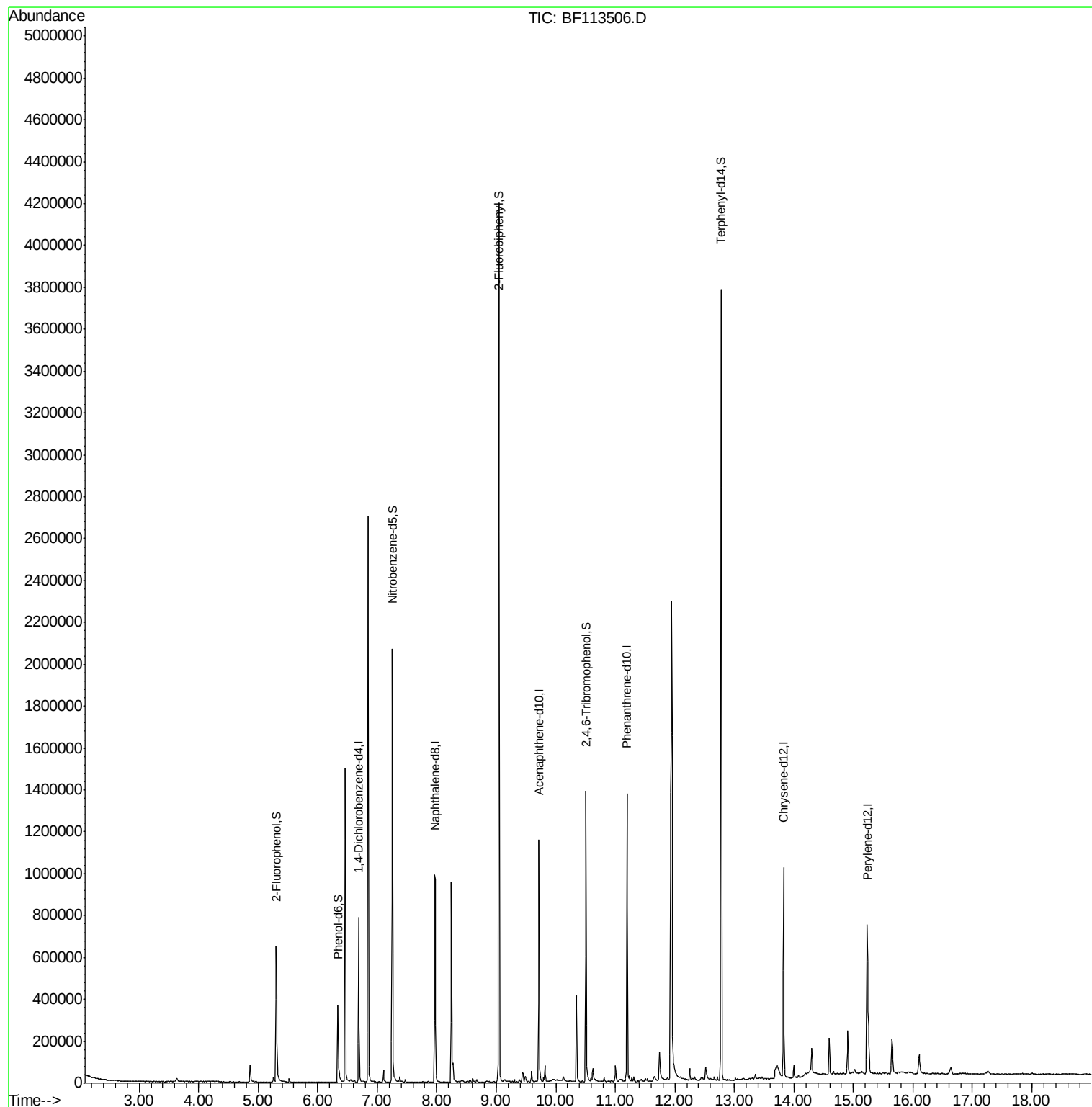
Target Compounds Qvalue

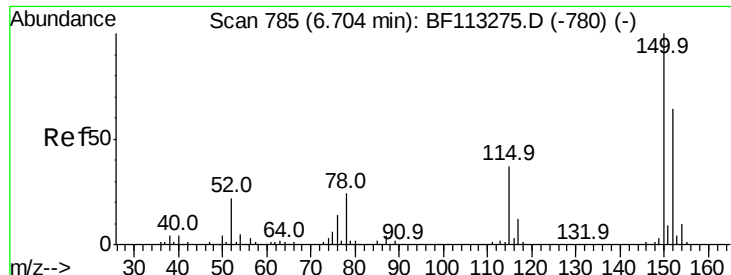
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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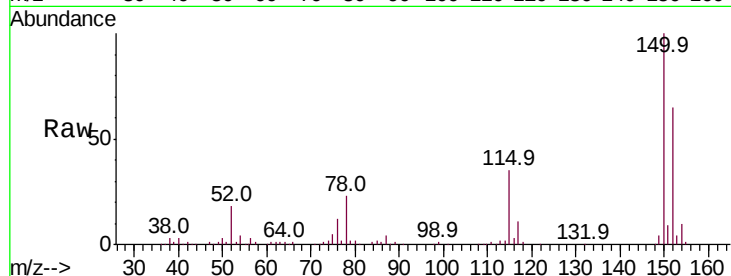


#1

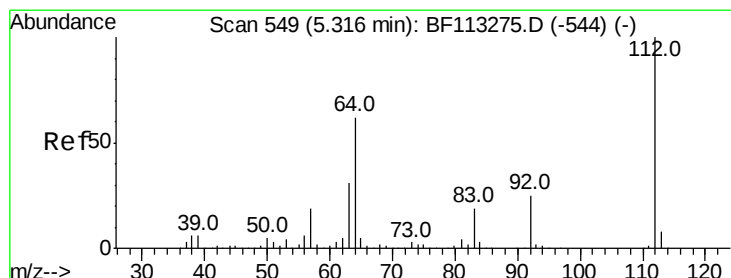
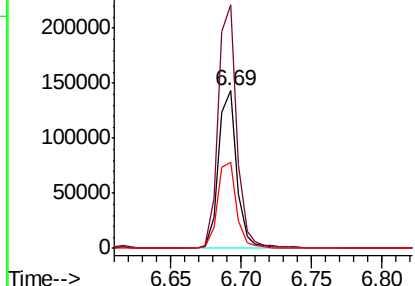
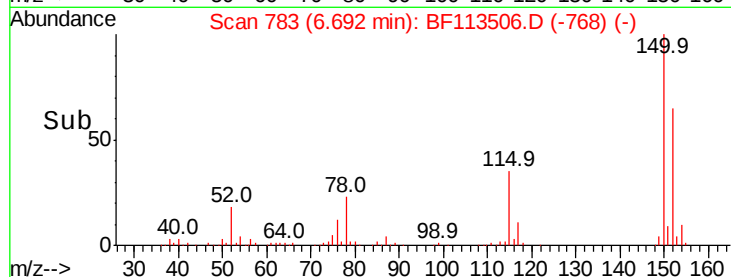
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113506.D
 Acq: 2 Apr 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 EFFL-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.7	187.1
115	54.5	46.0	69.0



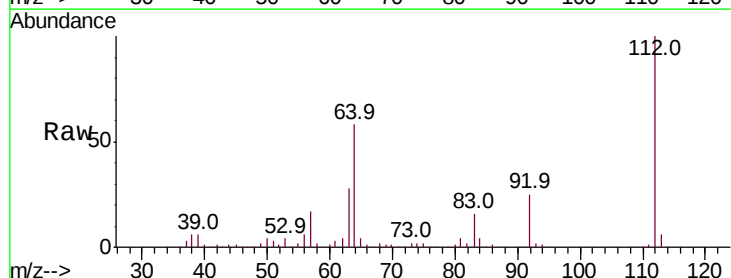
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



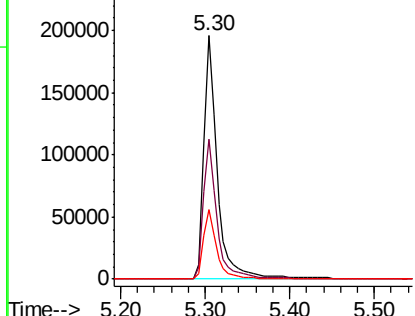
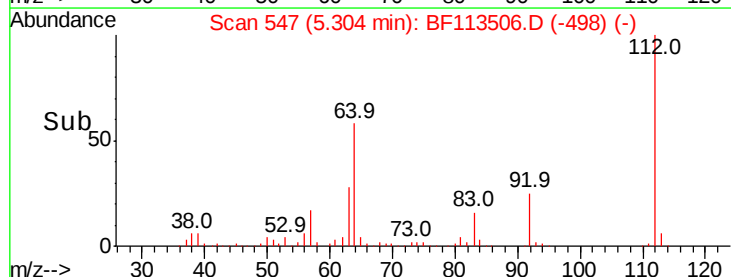
#5

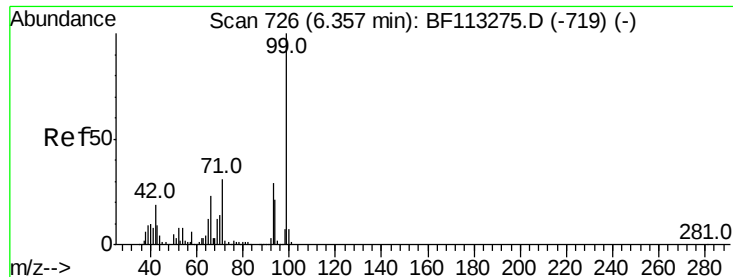
2-Fluorophenol
 Concen: 27.757 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF113506.D
 Acq: 2 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	49.2	73.8
63	28.4	24.9	37.3



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: 17.577 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF113506.D

Acq: 2 Apr 2019 15:28

Instrument :

BNA_F

ClientSampleId :

EFFL-2

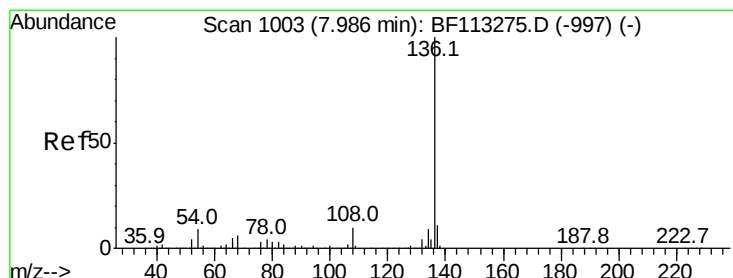
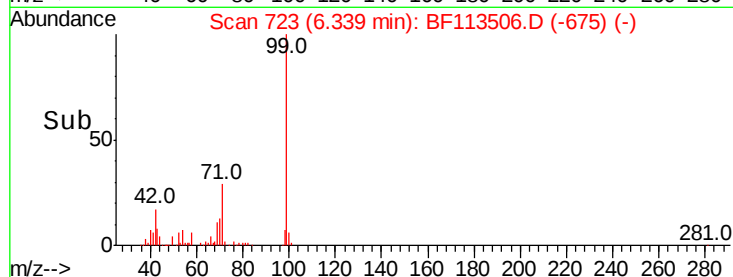
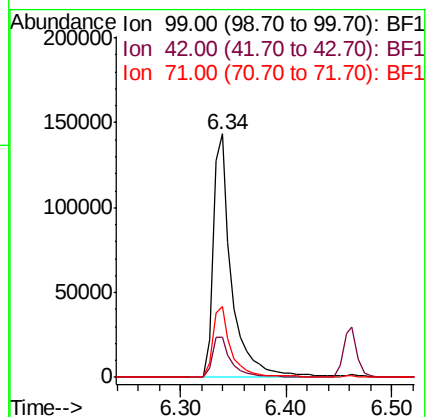
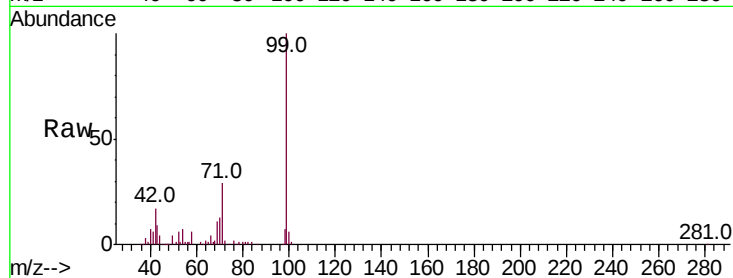
Tot Ion: 99 Resp: 176179

Ion Ratio Lower Upper

99 100

42 16.6 14.8 22.2

71 29.1 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113506.D

Acq: 2 Apr 2019 15:28

Tgt Ion: 136 Resp: 483708

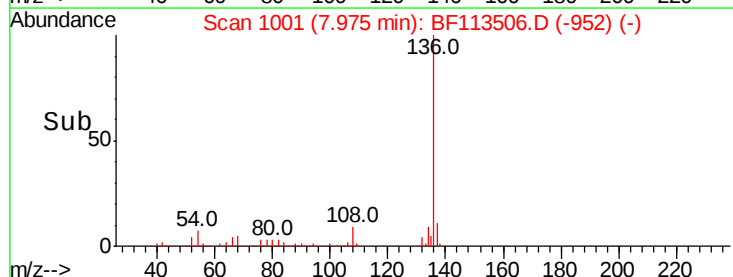
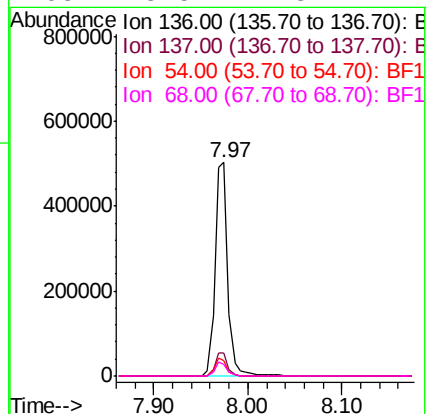
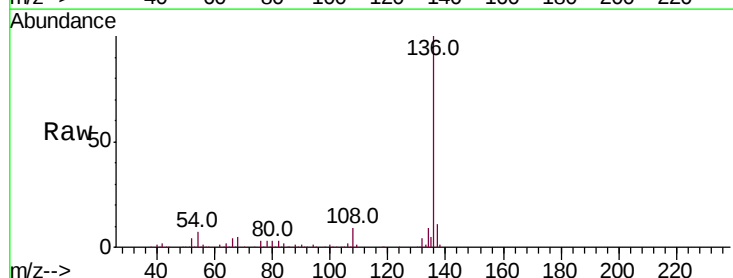
Ion Ratio Lower Upper

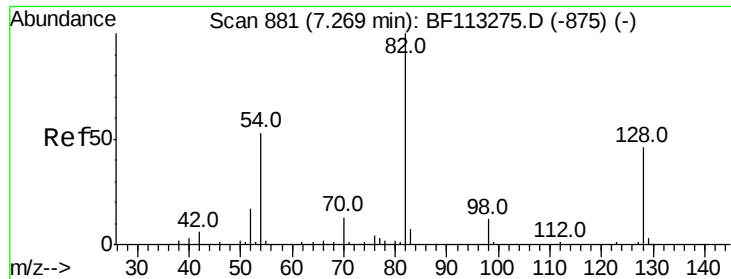
136 100

137 10.6 8.9 13.3

54 7.3 7.0 10.6

68 5.5 4.8 7.2

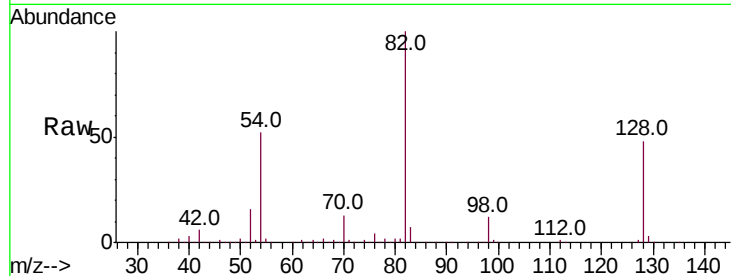




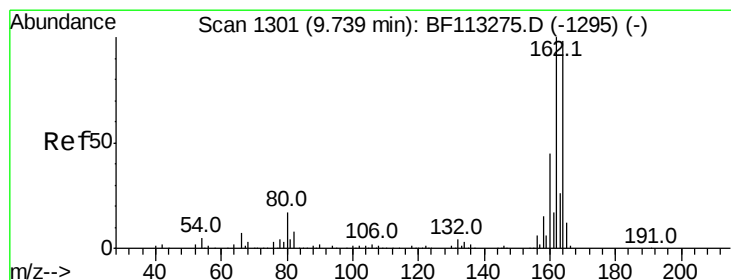
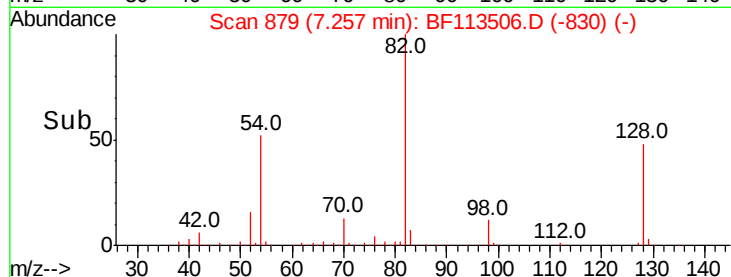
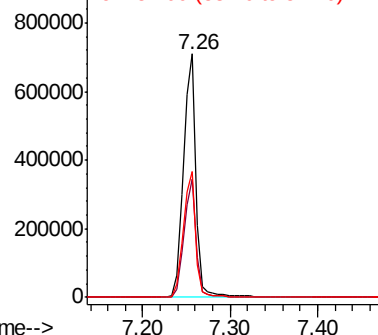
#23
 Nitrobenzene-d5
 Concen: 86.450 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF113506.D
 Acq: 2 Apr 2019 15:28

Instrument :
 BNA_F
 ClientSampled :
 EFFL-2

Tot Ion: 82 Resp: 704526
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.5 54.7
 54 51.5 42.2 63.2

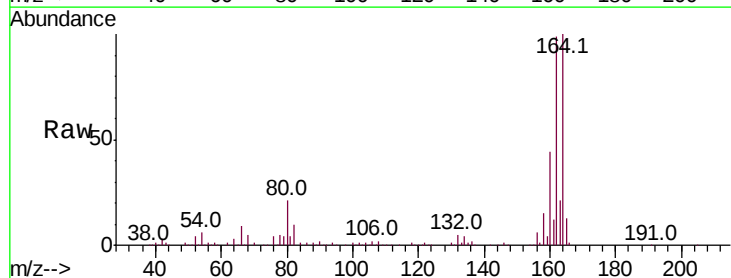


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

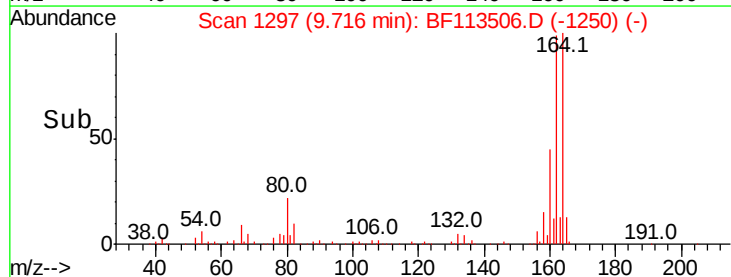
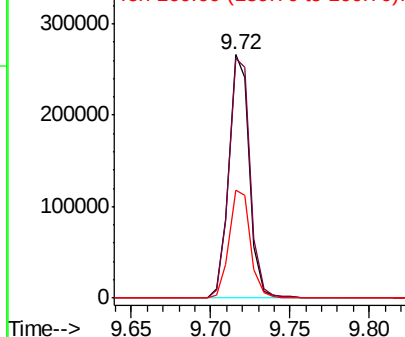


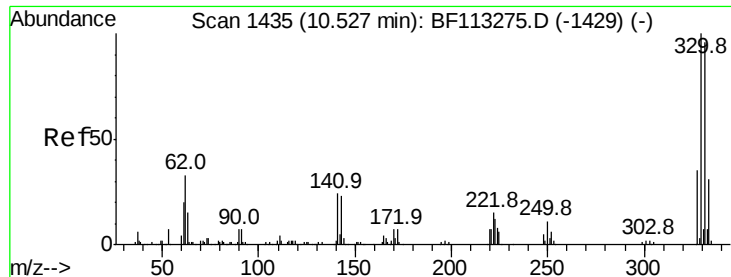
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF113506.D
 Acq: 2 Apr 2019 15:28

Tgt Ion:164 Resp: 239170
 Ion Ratio Lower Upper
 164 100
 162 98.5 81.8 122.6
 160 44.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

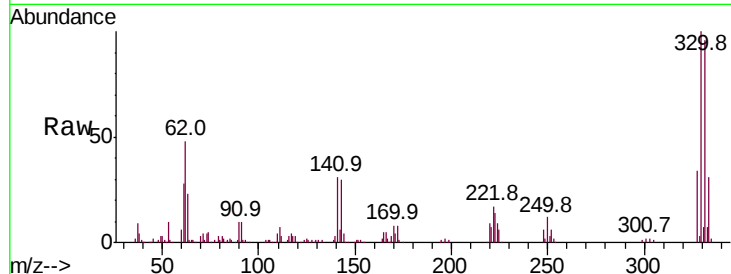




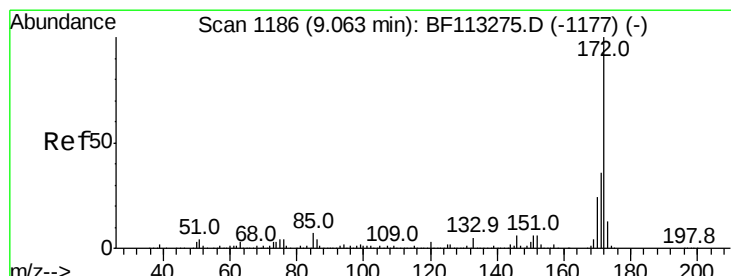
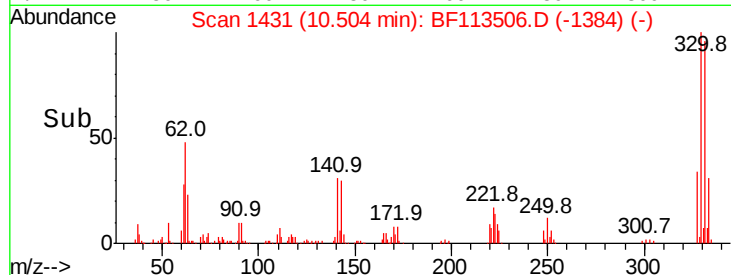
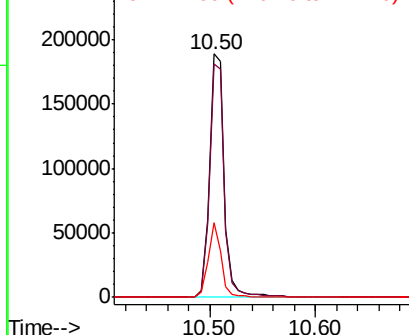
#42
 2,4,6-Tribromophenol
 Concen: 63.032 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF113506.D
 Acq: 2 Apr 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 EFFL-2

Tot Ion:330 Resp: 186215
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.8 116.6
 141 27.3 22.7 34.1

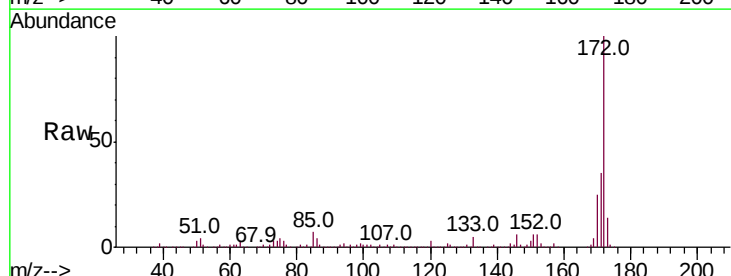


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

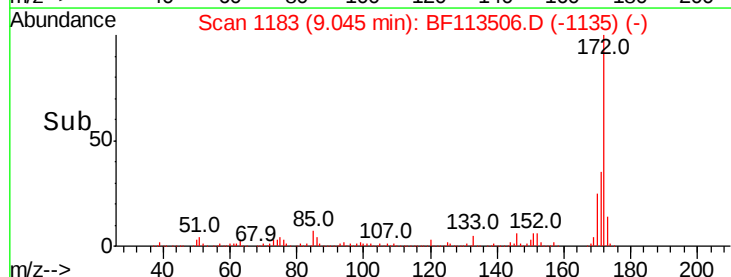
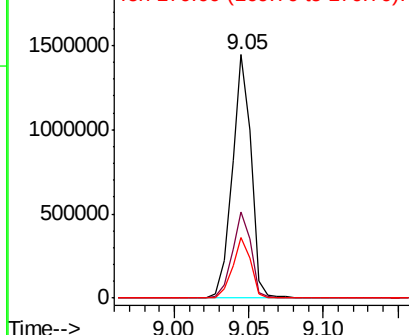


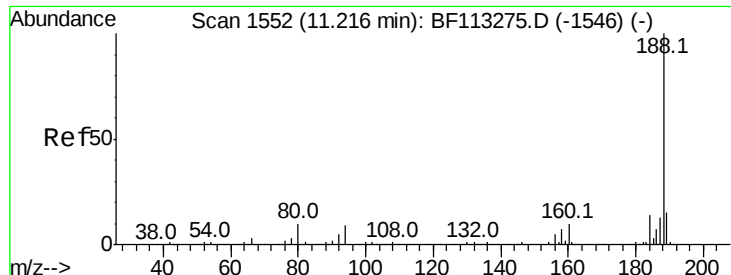
#45
 2-Fluorobiphenyl
 Concen: 84.981 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113506.D
 Acq: 2 Apr 2019 15:28

Tgt Ion:172 Resp: 1296826
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 24.8 19.5 29.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF113506.D

Acq: 2 Apr 2019 15:28

Instrument :

BNA_F

ClientSampleId :

EFFL-2

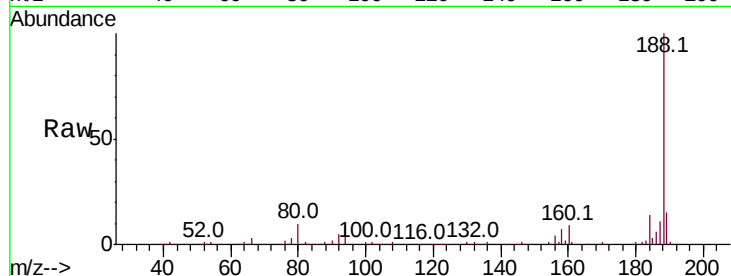
Tot Ion:188 Resp: 481054

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

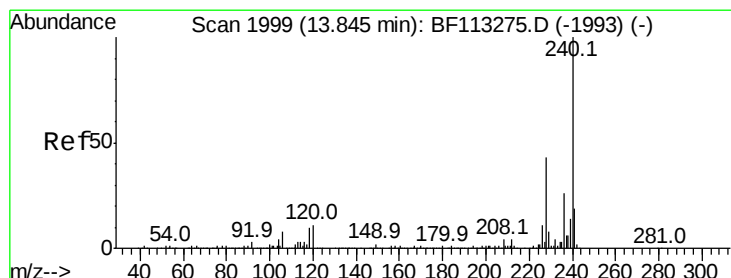
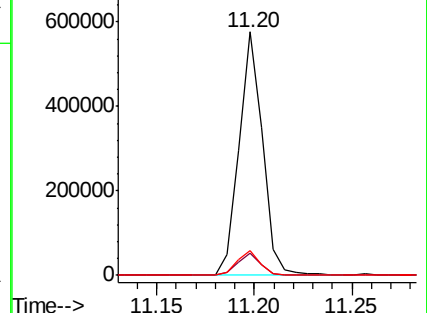
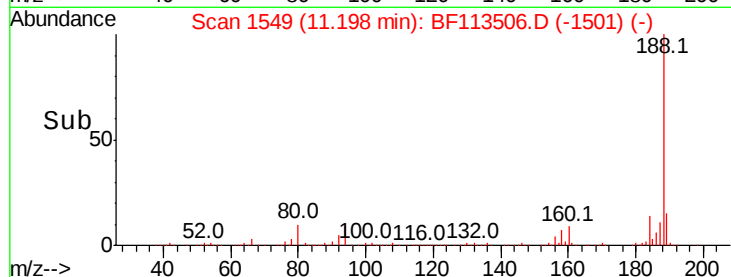
80 10.1 7.7 11.5



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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113506.D

Acq: 2 Apr 2019 15:28

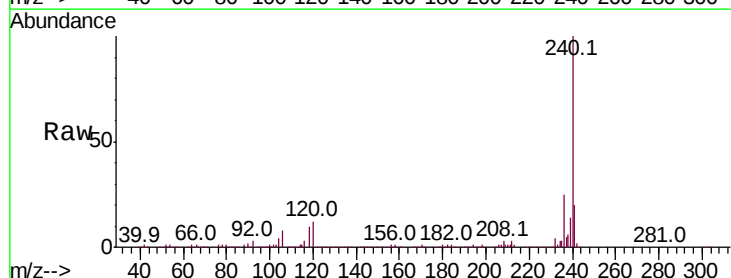
Tgt Ion:240 Resp: 352888

Ion Ratio Lower Upper

240 100

120 11.7 8.8 13.2

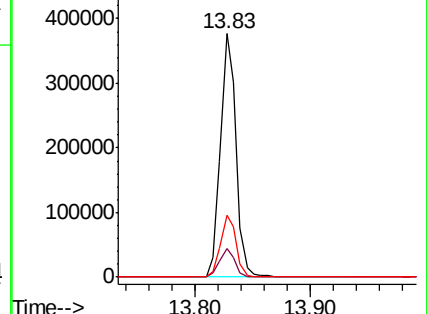
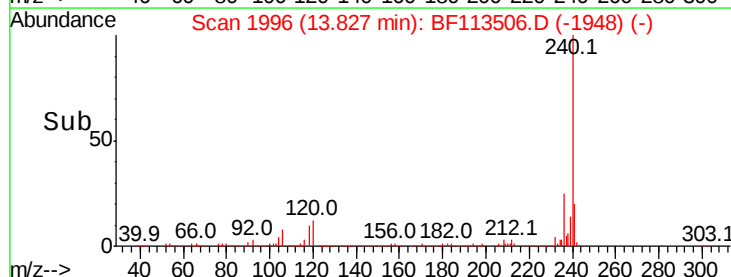
236 25.2 20.9 31.3

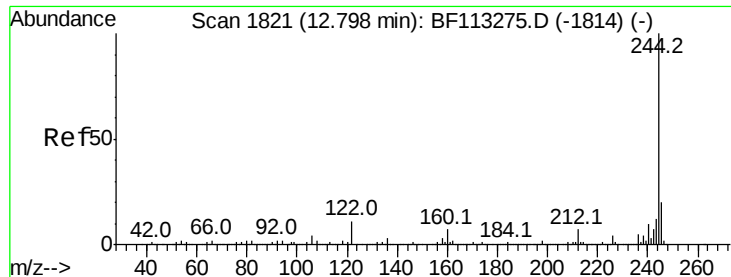


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.751 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF113506.D

Acq: 2 Apr 2019 15:28

Instrument :

BNA_F

ClientSampleId :

EFFL-2

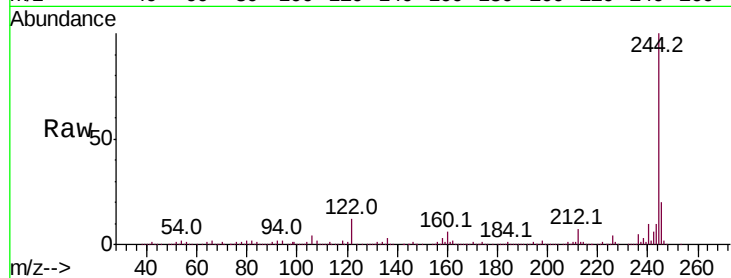
Tot Ion:244 Resp: 1372869

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

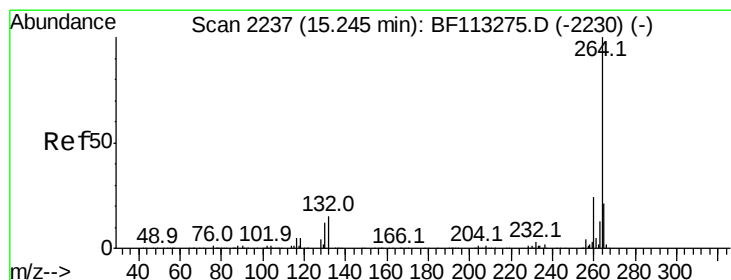
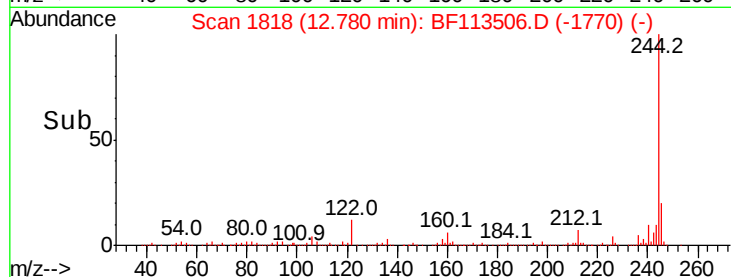
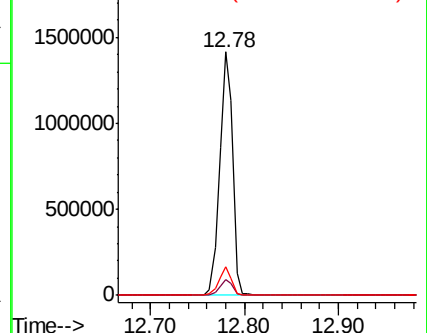
122 11.7 8.6 13.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113506.D

Acq: 2 Apr 2019 15:28

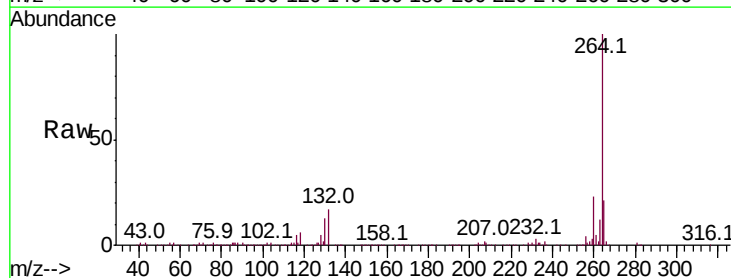
Tgt Ion:264 Resp: 326090

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.3 17.1 25.7



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

