

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113539.D
 Acq On : 3 Apr 2019 8:44
 Operator : JU/SJ
 Sample : K2056-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-10

Quant Time: Apr 03 09:08:52 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	135901	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	461353	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	190614	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	340432	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	366593	20.00	ng	-0.01
87) Perylene-d12	15.23	264	270767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	767123	92.30	ng	0.00
7) Phenol-d6	6.34	99	835692	79.48	ng	-0.02
23) Nitrobenzene-d5	7.26	82	672645	86.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	256018	108.73	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1163103	98.42	ng	-0.02
79) Terphenyl-d14	12.78	244	1251441	75.24	ng	-0.02

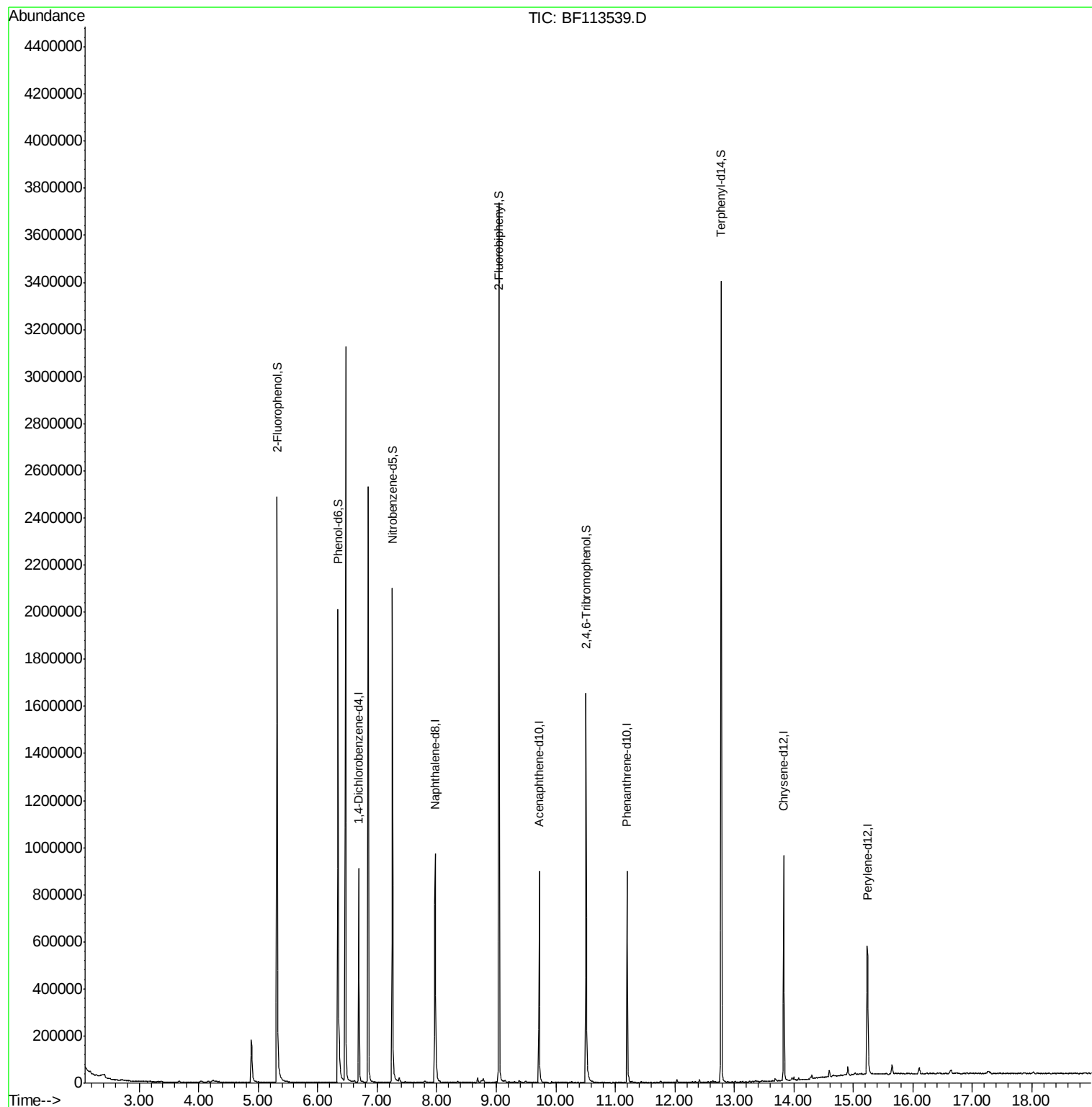
Target Compounds	Qvalue
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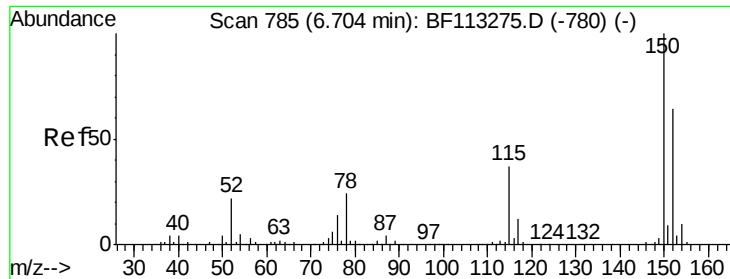
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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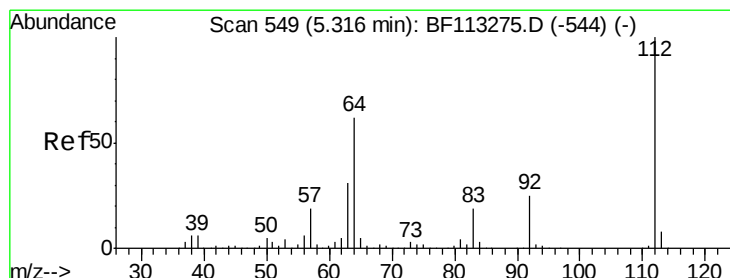
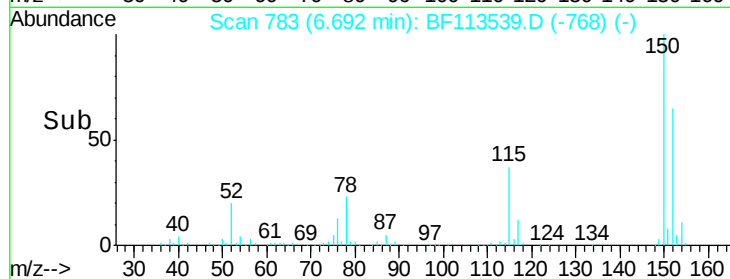
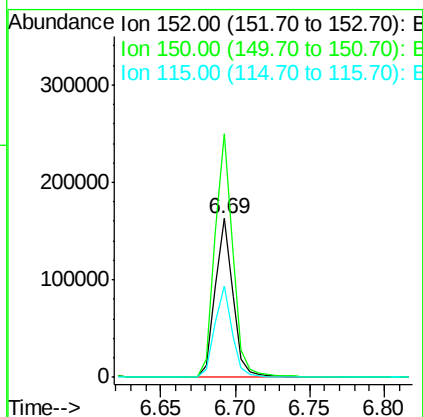
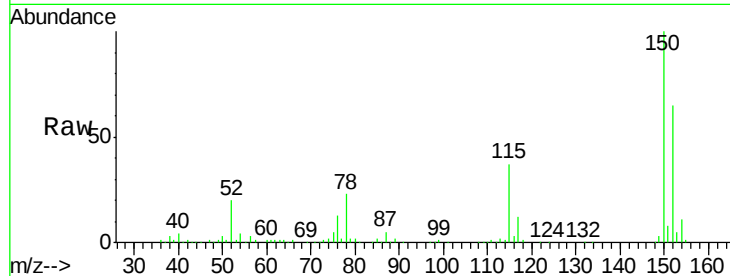


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113539.D
Acq: 3 Apr 2019 8:44

Instrument :
BNA_F
ClientSampleId :
CS-10

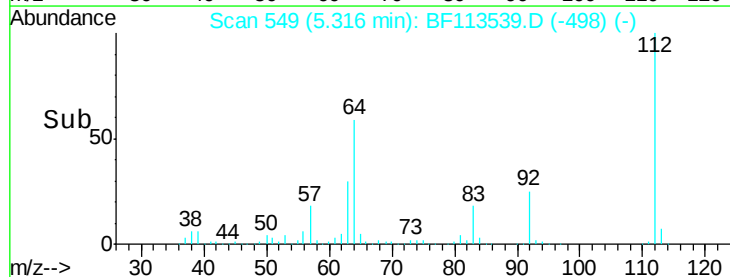
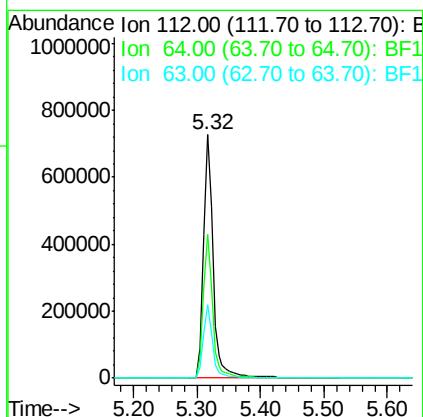
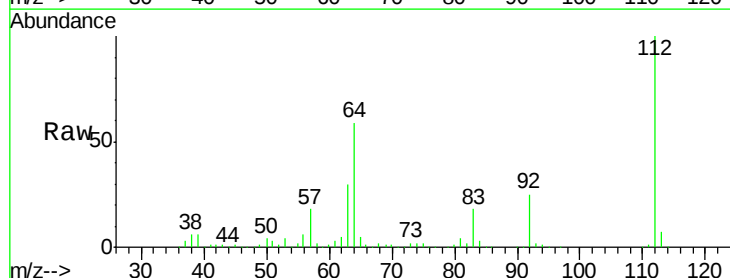
Tgt Ion:152 Resp: 135901
Ion Ratio Lower Upper
152 100
150 153.1 124.7 187.1
115 57.0 46.0 69.0



#5

2-Fluorophenol
Concen: 92.298 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113539.D
Acq: 3 Apr 2019 8:44

Tgt Ion:112 Resp: 767123
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 30.0 24.9 37.3





#7

Phenol-d6

Concen: 79.481 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF113539.D

Acq: 3 Apr 2019 8:44

Instrument :

BNA_F

ClientSampled :

CS-10

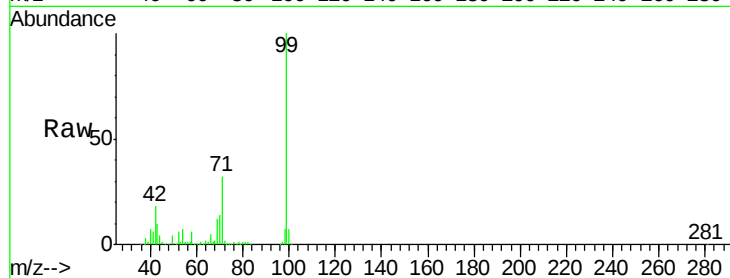
Tgt Ion: 99 Resp: 835692

Ion Ratio Lower Upper

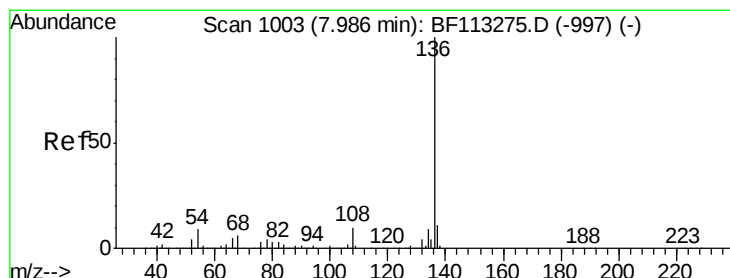
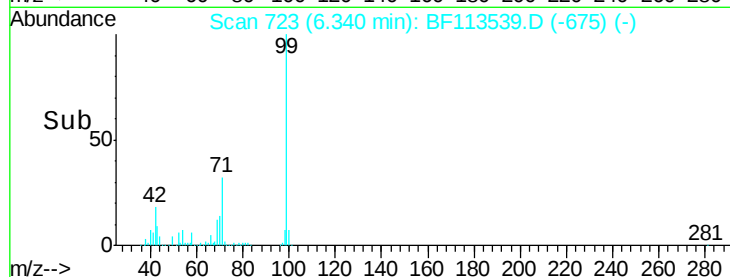
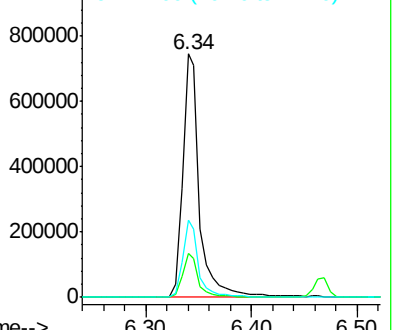
99 100

42 18.2 14.8 22.2

71 31.5 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113539.D

Acq: 3 Apr 2019 8:44

Tgt Ion: 136 Resp: 461353

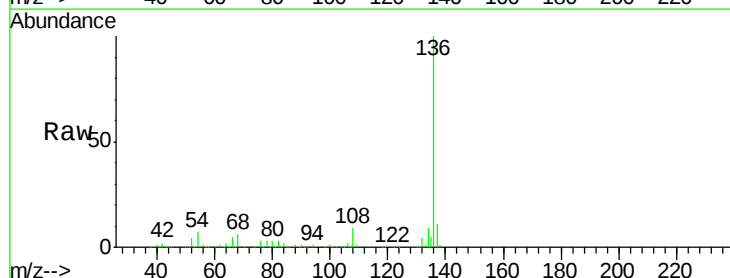
Ion Ratio Lower Upper

136 100

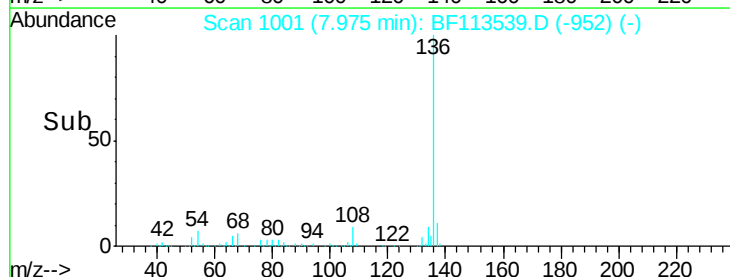
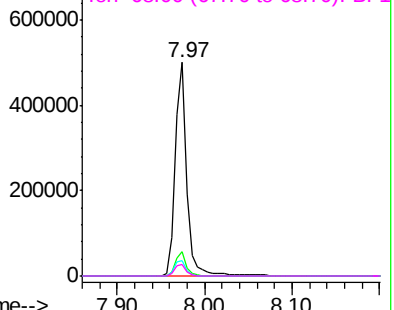
137 11.2 8.9 13.3

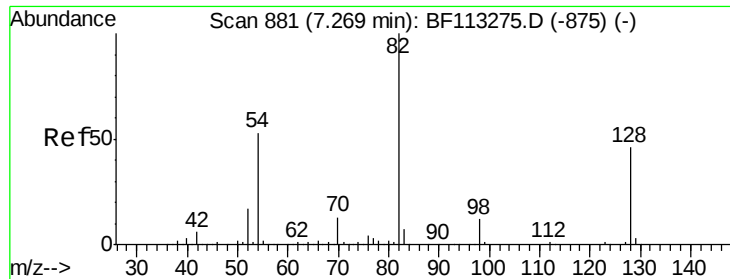
54 7.4 7.0 10.6

68 5.6 4.8 7.2



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

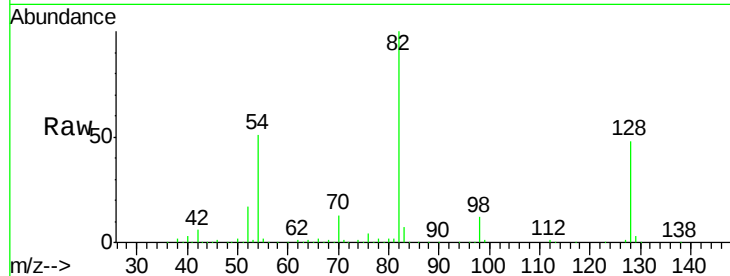




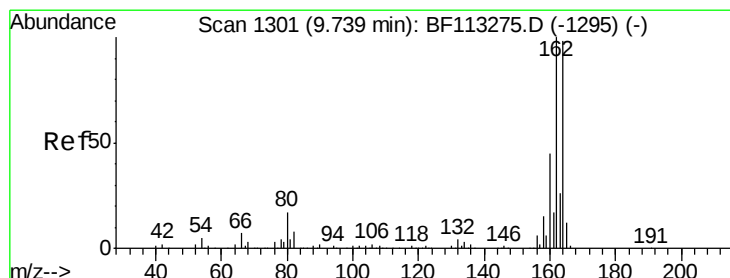
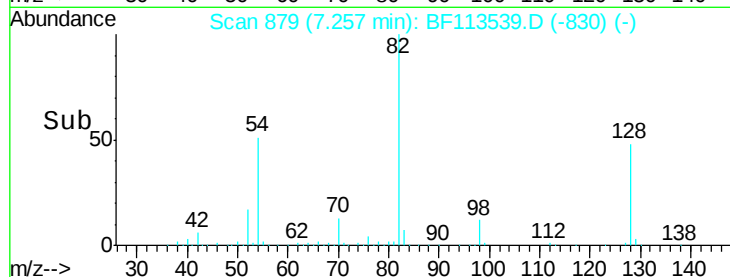
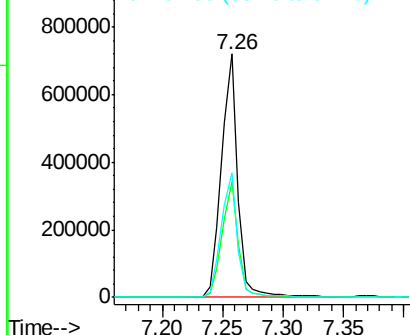
#23
Nitrobenzene-d5
Concen: 86.537 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113539.D
Acq: 3 Apr 2019 8:44

Instrument :
BNA_F
ClientSampled :
CS-10

Tgt Ion: 82 Resp: 672645
Ion Ratio Lower Upper
82 100
128 47.7 36.5 54.7
54 51.1 42.2 63.2

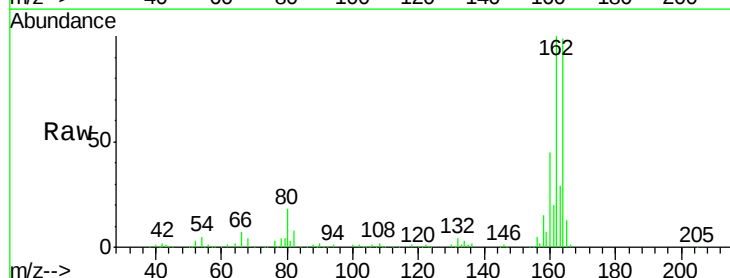


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

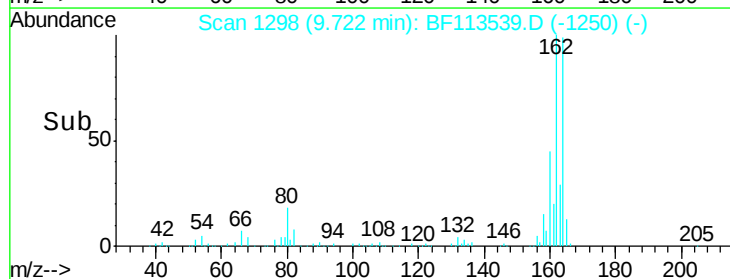
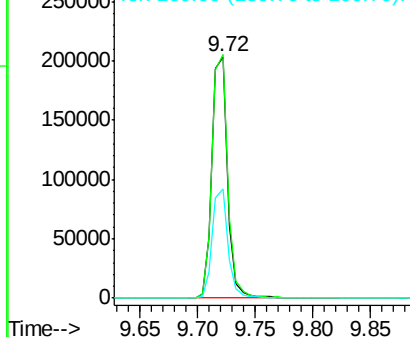


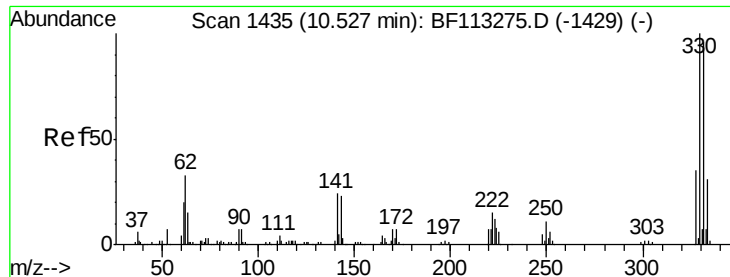
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF113539.D
Acq: 3 Apr 2019 8:44

Tgt Ion: 164 Resp: 190614
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 45.4 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

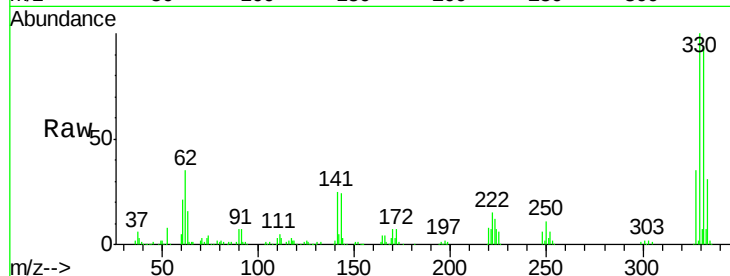




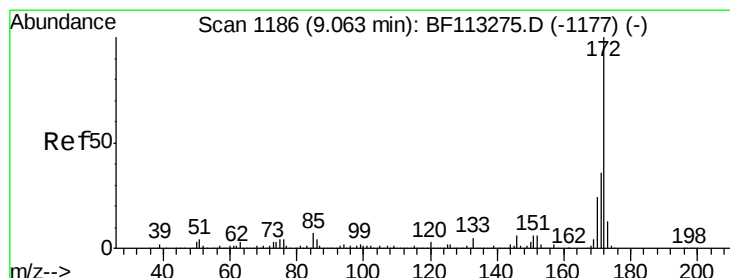
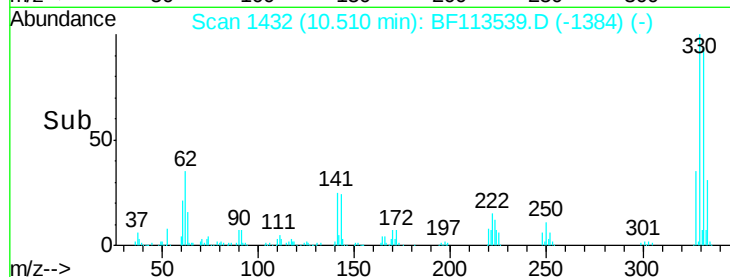
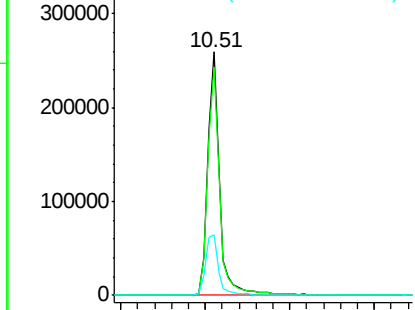
#42
 2,4,6-Tribromophenol
 Concen: 108.735 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113539.D
 Acq: 3 Apr 2019 8:44

Instrument :
 BNA_F
 ClientSampleId :
 CS-10

Tgt Ion:330 Resp: 256018
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.6
 141 27.5 22.7 34.1

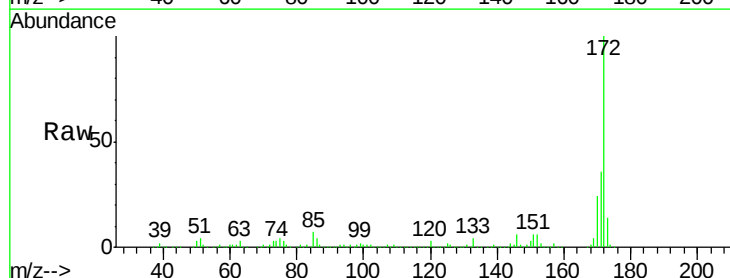


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

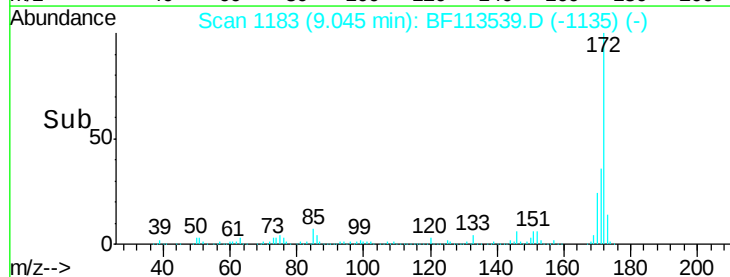
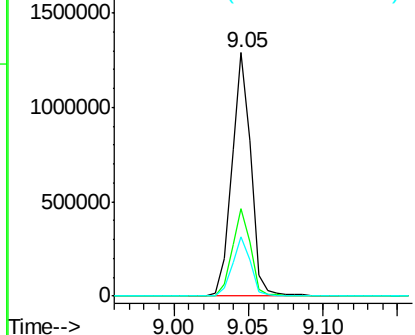


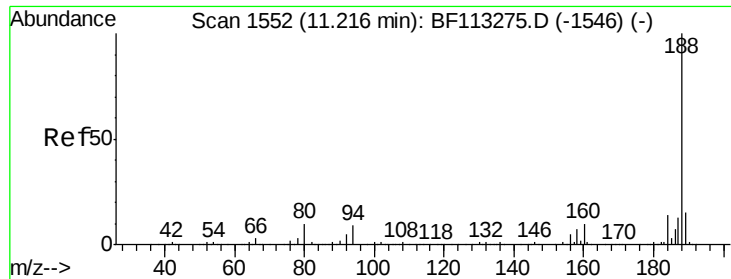
#45
 2-Fluorobiphenyl
 Concen: 98.424 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113539.D
 Acq: 3 Apr 2019 8:44

Tgt Ion:172 Resp: 1163103
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.5 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

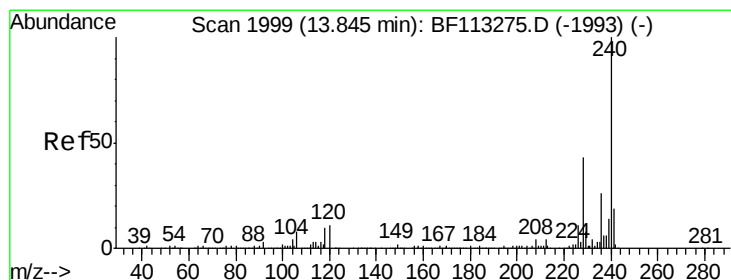
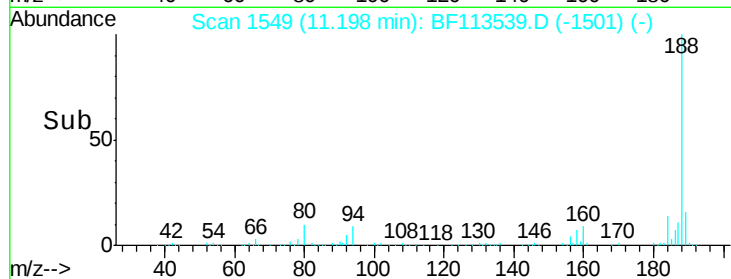
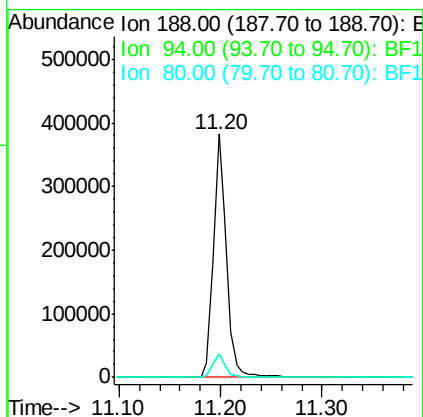
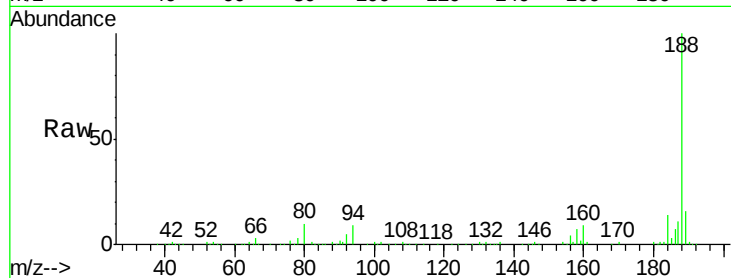




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113539.D
Acq: 3 Apr 2019 8:44

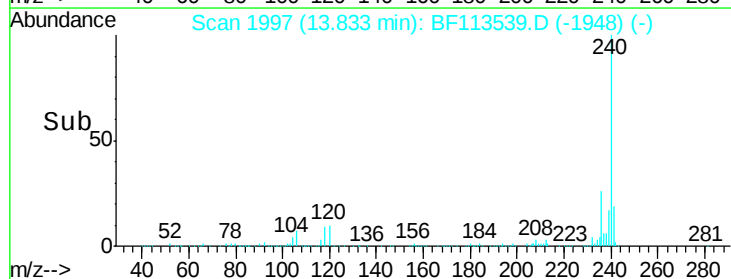
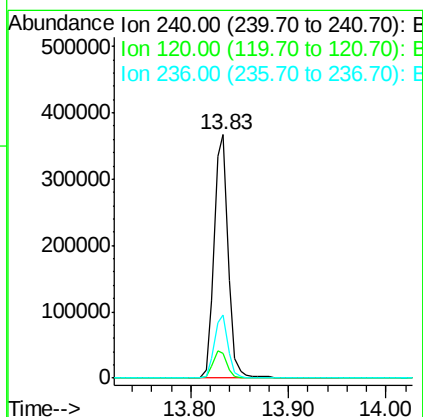
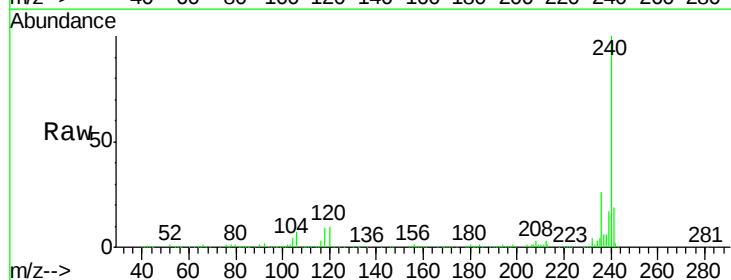
Instrument :
BNA_F
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CS-10

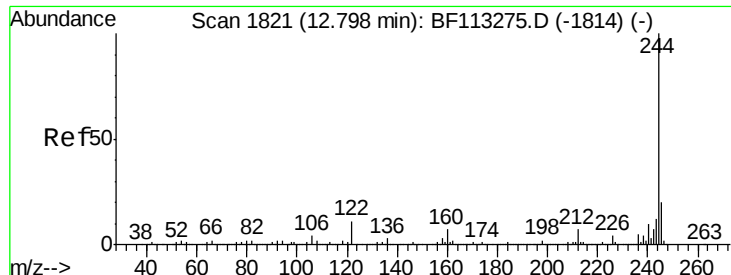
Tgt Ion:188 Resp: 340432
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113539.D
Acq: 3 Apr 2019 8:44

Tgt Ion:240 Resp: 366593
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.9 20.9 31.3

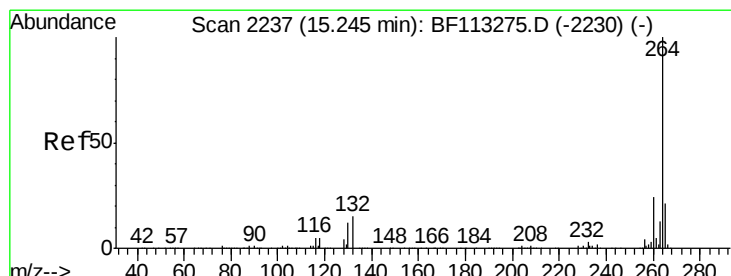
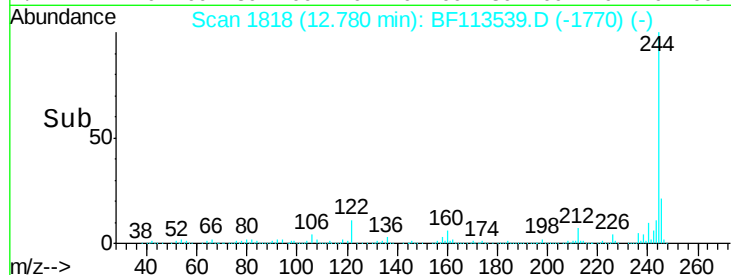
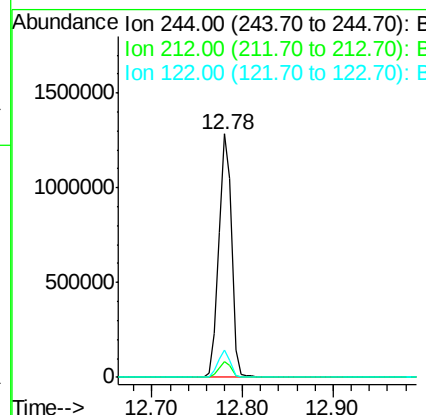
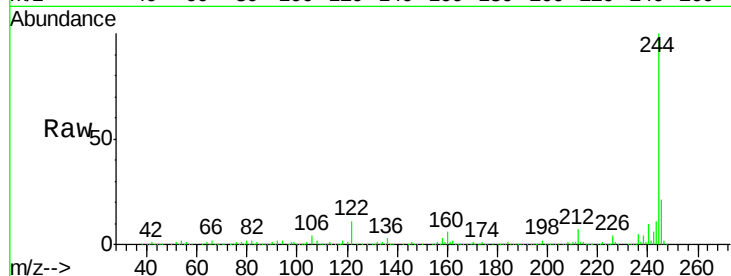




#79
 Terphenyl-d14
 Concen: 75.244 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF113539.D
 Acq: 3 Apr 2019 8:44

Instrument :
 BNA_F
 ClientSampleId :
 CS-10

Tgt Ion:244 Resp: 1251441
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.4 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF113539.D
 Acq: 3 Apr 2019 8:44

Tgt Ion:264 Resp: 270767
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.4 17.1 25.7

