

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113357.D
 Acq On : 28 Mar 2019 5:01
 Operator : JU/SJ
 Sample : K2086-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-18

Quant Time: Mar 28 08:53:45 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	6.70	152	175772	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	643198	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	294837	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	510086	20.00	ng	0.00
76) Chrysene-d12	13.83	240	425757	20.00	ng	-0.01
87) Perylene-d12	15.24	264	330212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1204993	112.09	ng	0.02
7) Phenol-d6	6.36	99	1387396	102.02	ng	0.00
23) Nitrobenzene-d5	7.27	82	1037847	95.77	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	406861	111.72	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1779237	97.09	ng	0.00
79) Terphenyl-d14	12.79	244	1674335	86.68	ng	0.00

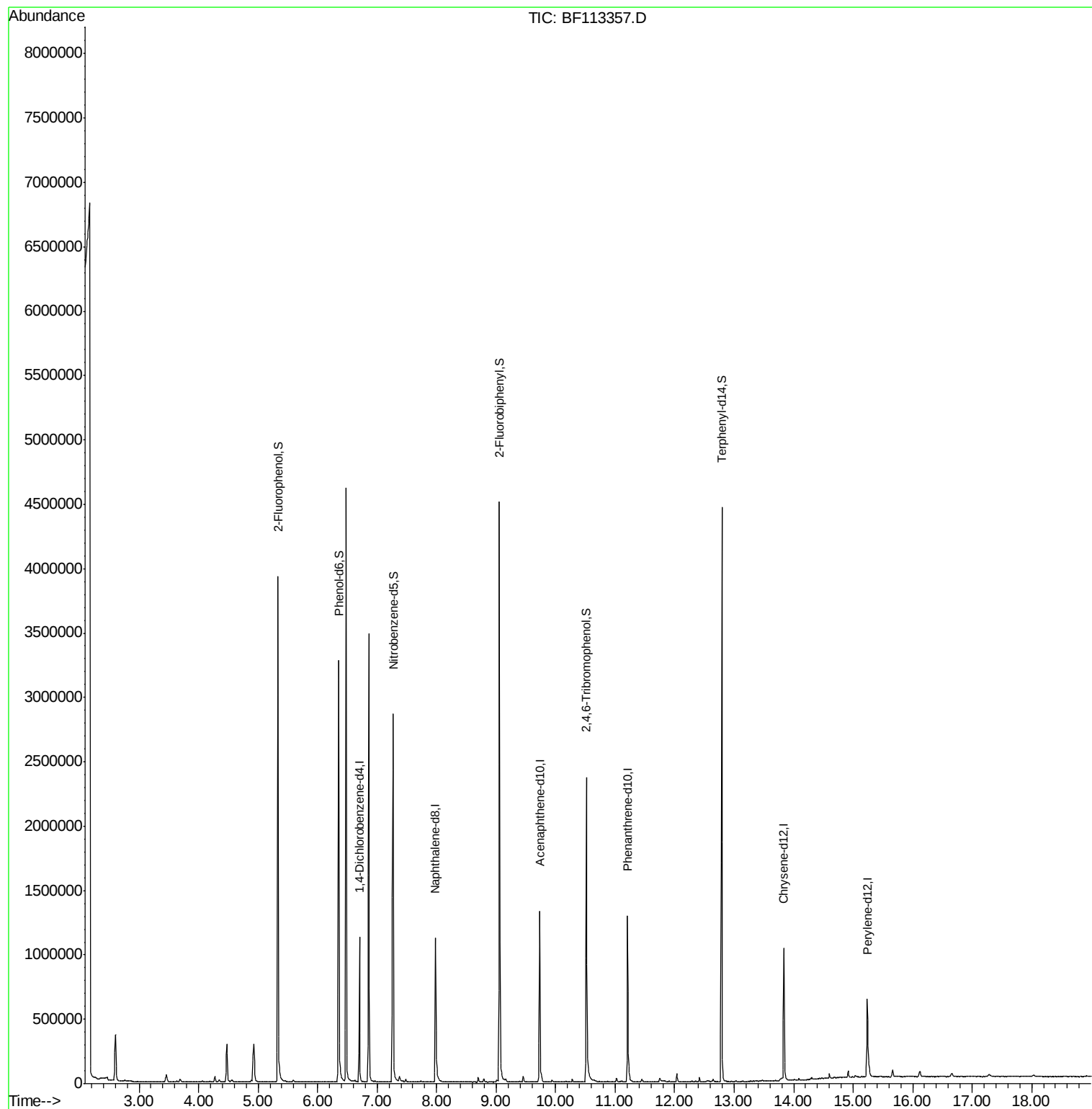
Target Compounds Qvalue

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

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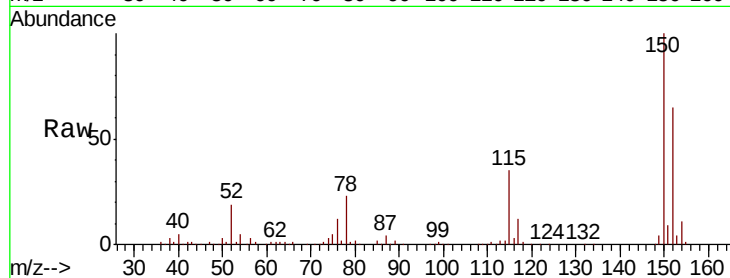


#1

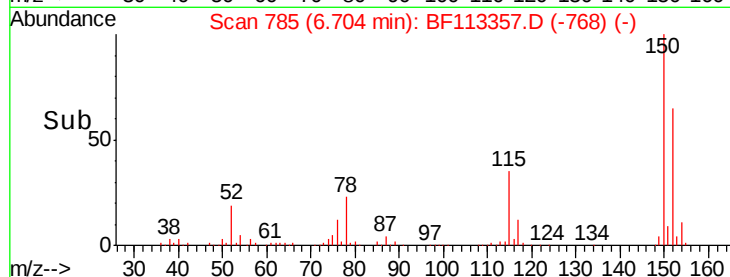
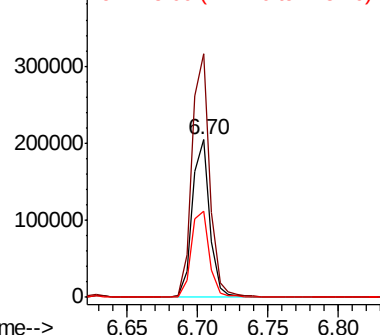
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113357.D
Acq: 28 Mar 2019 5:01

Instrument :
BNA_F
ClientSampleId :
CS-18

Tot Ion:152 Resp: 175772
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 54.5 46.0 69.0



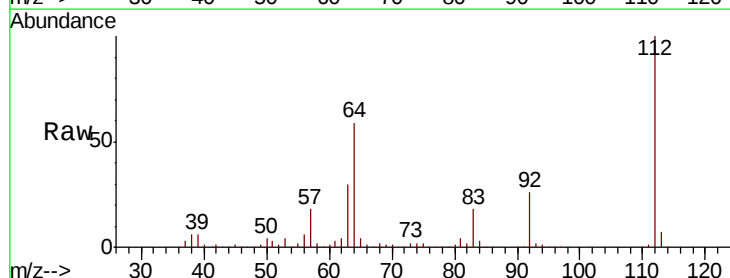
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



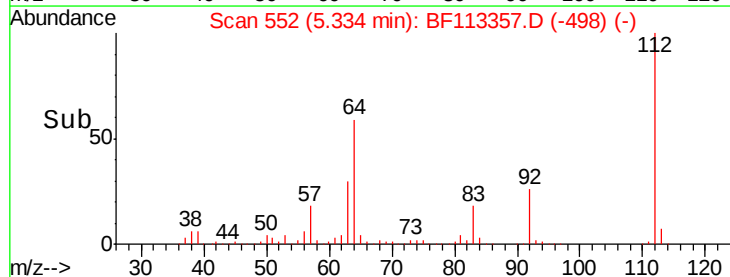
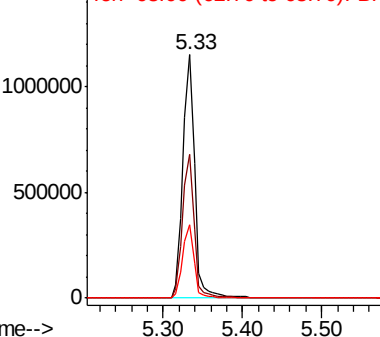
#5

2-Fluorophenol
Concen: 112.095 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113357.D
Acq: 28 Mar 2019 5:01

Tgt Ion:112 Resp: 1204993
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 30.2 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: 102.021 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113357.D

Acq: 28 Mar 2019 5:01

Instrument :

BNA_F

ClientSampleId :

CS-18

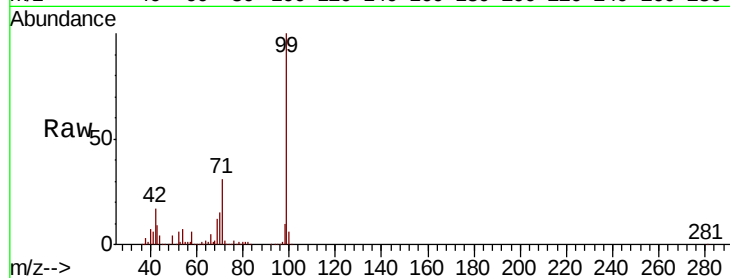
Tot Ion: 99 Resp: 1387396

Ion Ratio Lower Upper

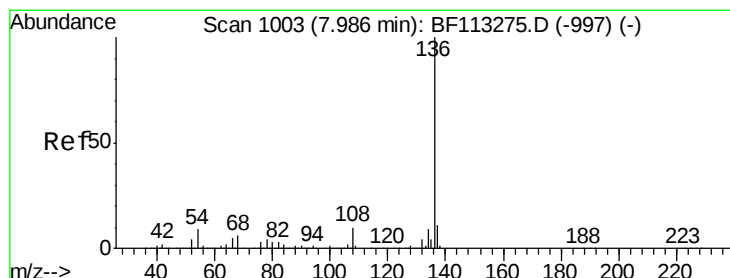
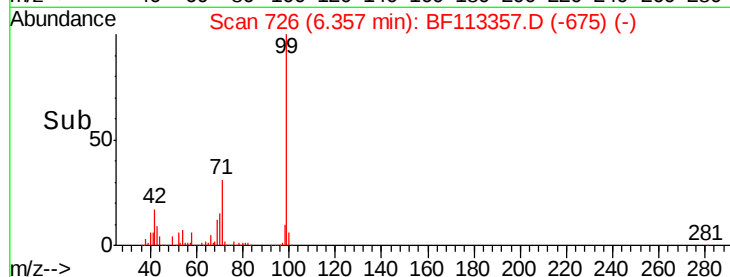
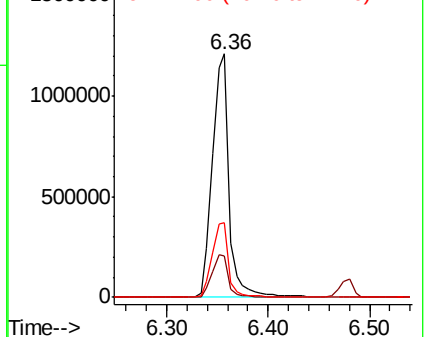
99 100

42 16.9 14.8 22.2

71 30.7 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113357.D

Acq: 28 Mar 2019 5:01

Tgt Ion: 136 Resp: 643198

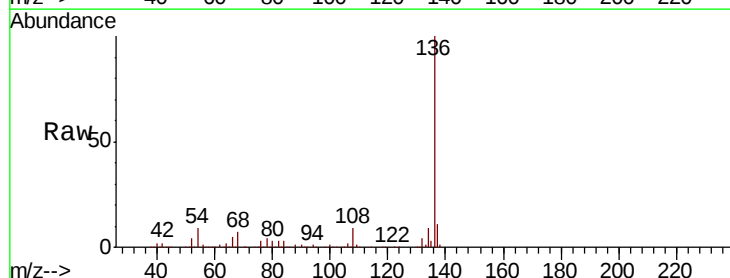
Ion Ratio Lower Upper

136 100

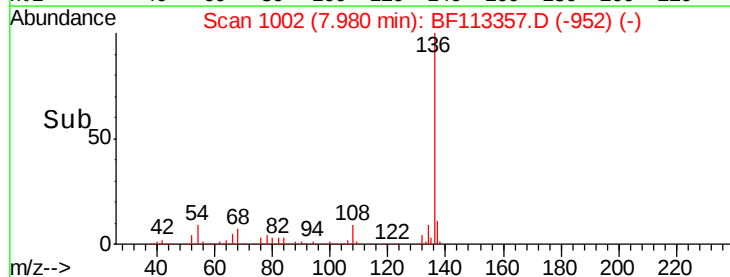
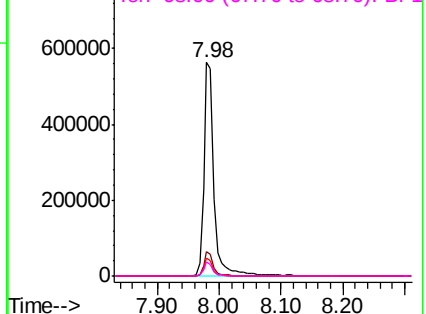
137 11.2 8.9 13.3

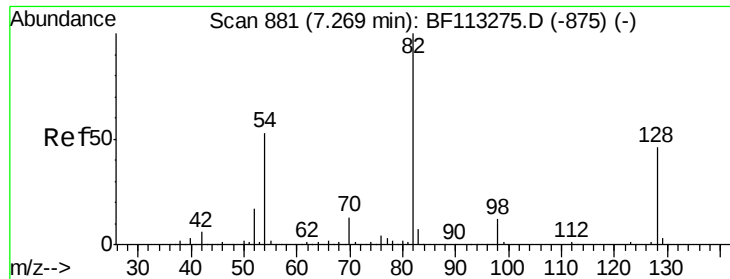
54 8.6 7.0 10.6

68 6.7 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



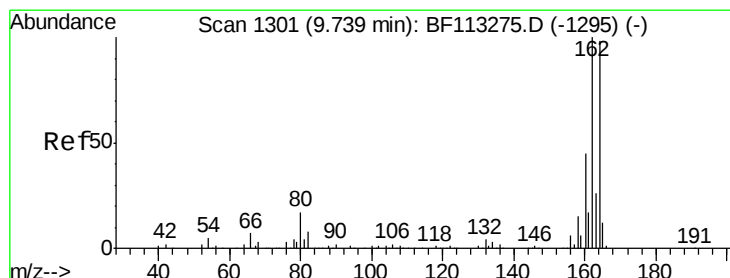
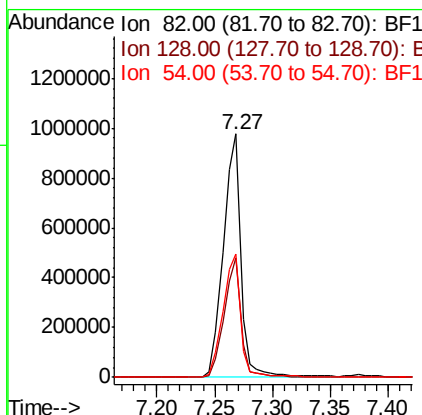
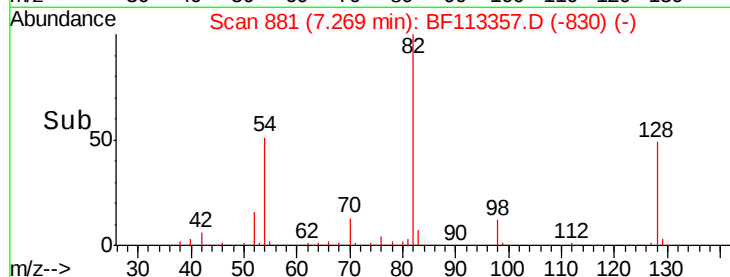
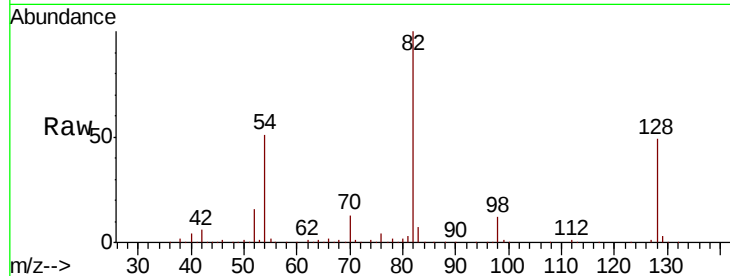


#23
 Nitrobenzene-d5
 Concen: 95.772 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113357.D
 Acq: 28 Mar 2019 5:01

Instrument :
 BNA_F
 ClientSampleId :
 CS-18

Tot Ion: 82 Resp: 1037847

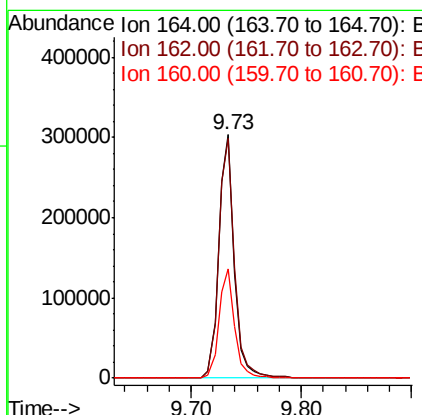
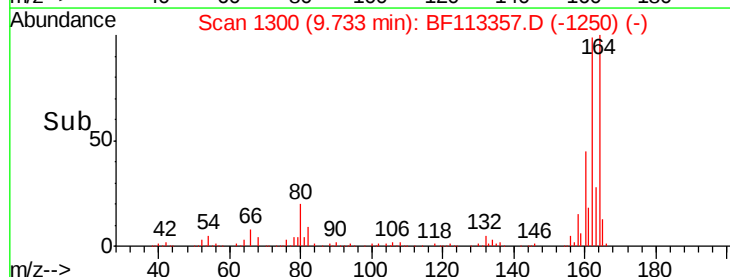
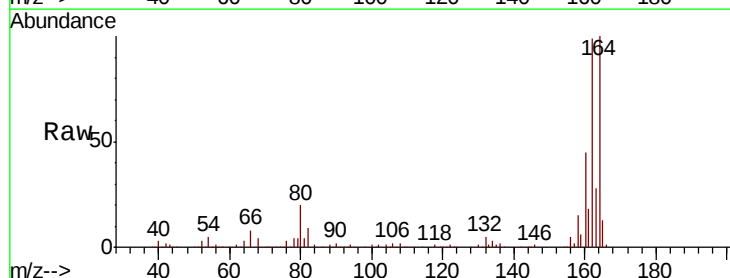
Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.5	54.7
54	50.6	42.2	63.2

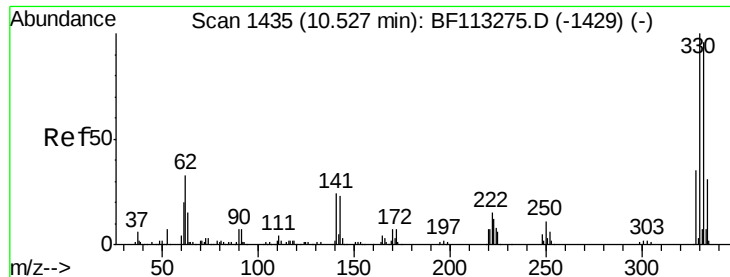


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113357.D
 Acq: 28 Mar 2019 5:01

Tgt Ion: 164 Resp: 294837

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.8	122.6
160	45.0	36.4	54.6

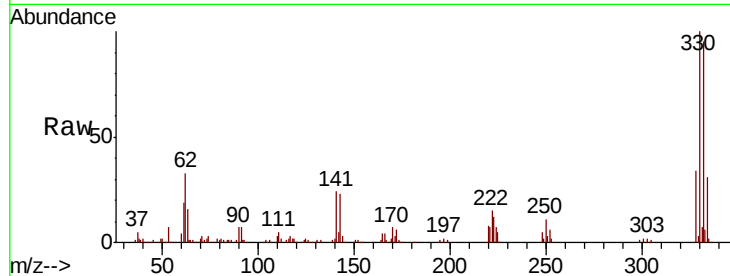




#42
 2,4,6-Tribromophenol
 Concen: 111.716 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113357.D
 Acq: 28 Mar 2019 5:01

Instrument :
 BNA_F
 ClientSampled :
 CS-18

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.6
141	27.2	22.7	34.1

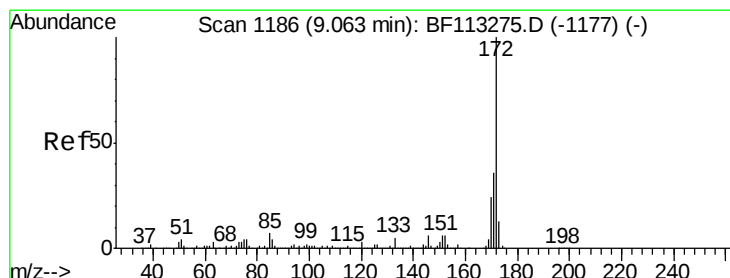
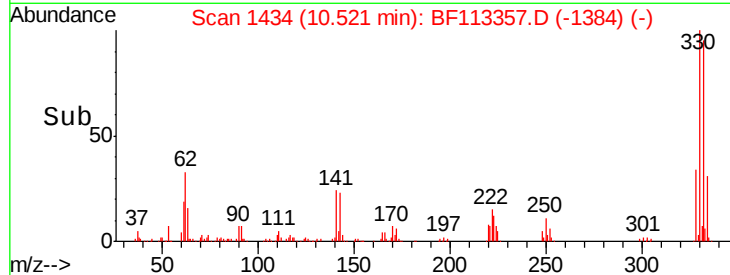
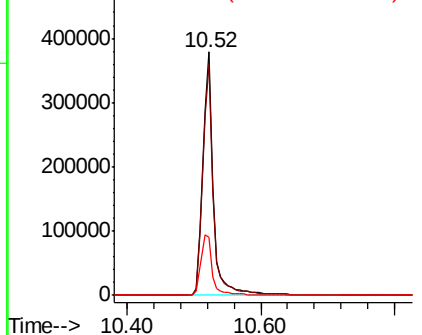


Abundance

Ion 329.80 (329.50 to 330.50): E

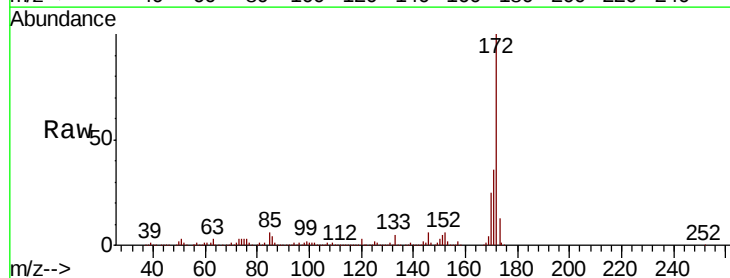
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.094 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113357.D
 Acq: 28 Mar 2019 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.9	19.5	29.3

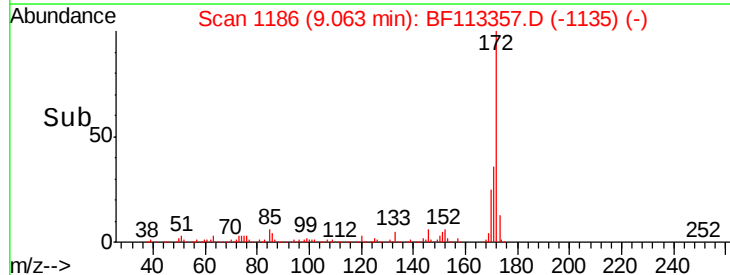
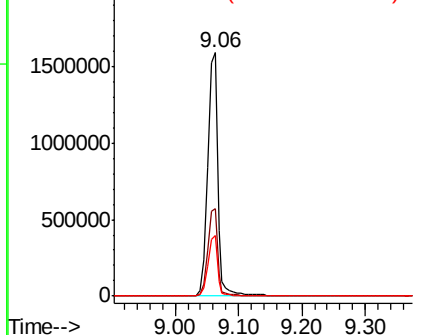


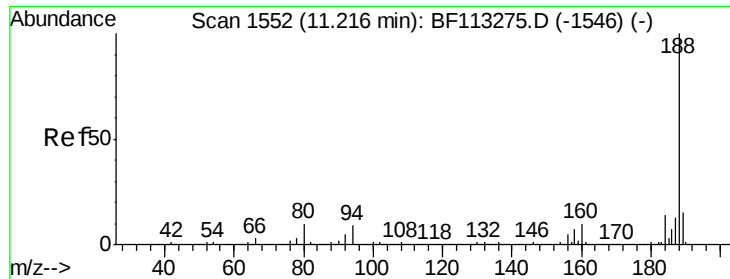
Abundance

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

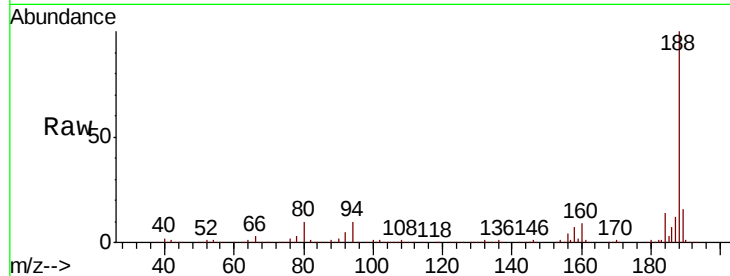




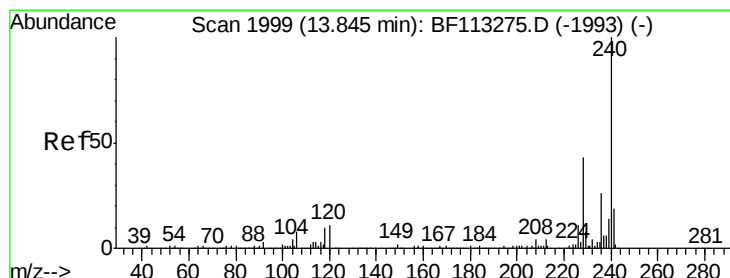
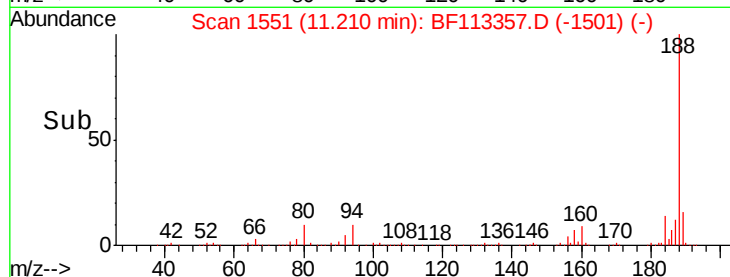
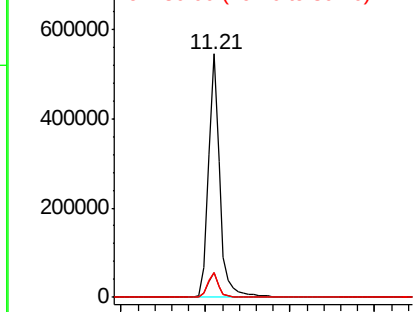
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113357.D
Acq: 28 Mar 2019 5:01

Instrument :
BNA_F
ClientSampleId :
CS-18

Tot Ion:188 Resp: 510086
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.1 7.7 11.5

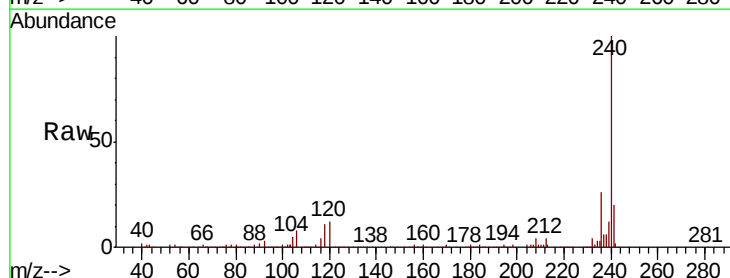


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

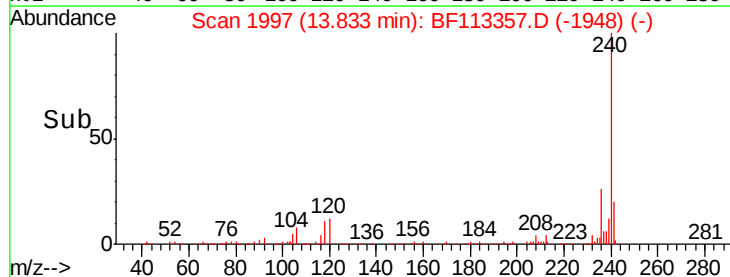
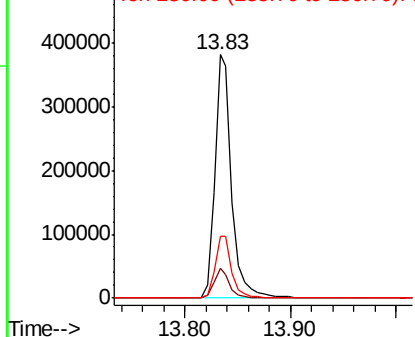


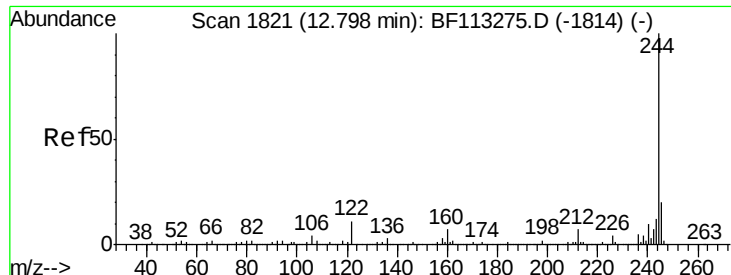
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113357.D
Acq: 28 Mar 2019 5:01

Tgt Ion:240 Resp: 425757
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 25.6 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: 86.681 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113357.D

Acq: 28 Mar 2019 5:01

Instrument :

BNA_F

ClientSampleId :

CS-18

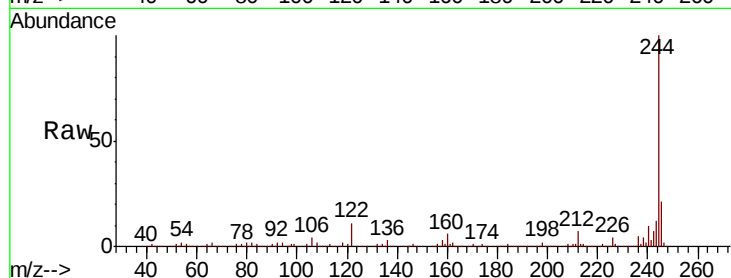
Tot Ion:244 Resp: 1674335

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

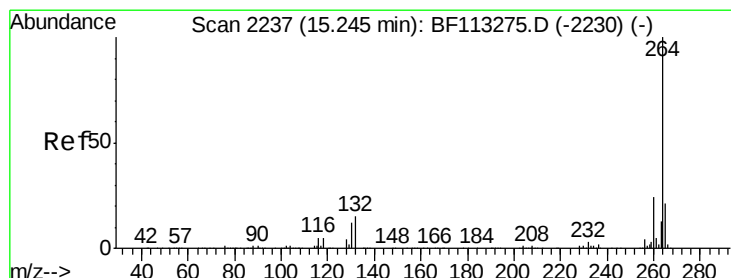
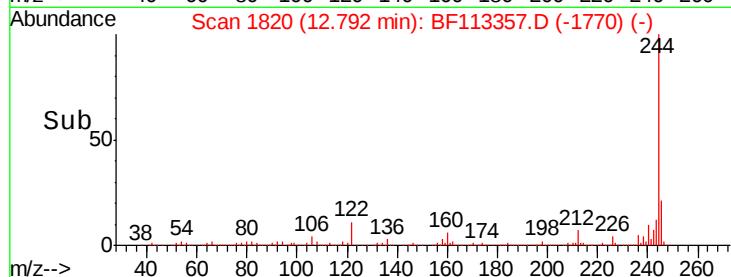
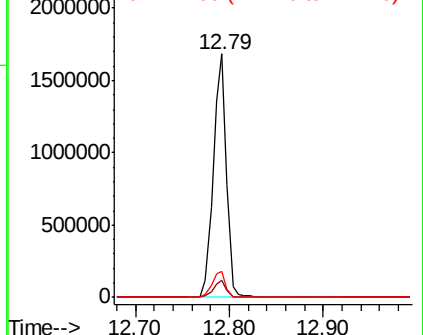
122 10.7 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113357.D

Acq: 28 Mar 2019 5:01

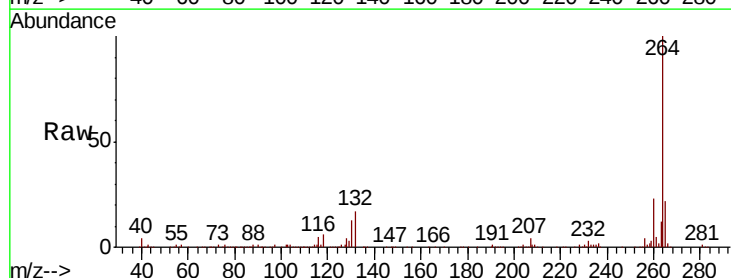
Tgt Ion:264 Resp: 330212

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.7 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

