

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118563.D
 Acq On : 17 Jan 2020 17:39
 Operator : JU
 Sample : L1006-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-011520

Quant Time: Jan 18 01:23:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	314643	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1158332	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	651265	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	1239057	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1101350	20.00	ng	0.00
87) Perylene-d12	15.52	264	1190768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2389747	140.34	ng	0.01
7) Phenol-d6	6.52	99	2940450	131.78	ng	0.00
23) Nitrobenzene-d5	7.45	82	1963330	104.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1124967	156.25	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3583505	99.33	ng	0.00
79) Terphenyl-d14	13.00	244	4725865	84.74	ng	0.00

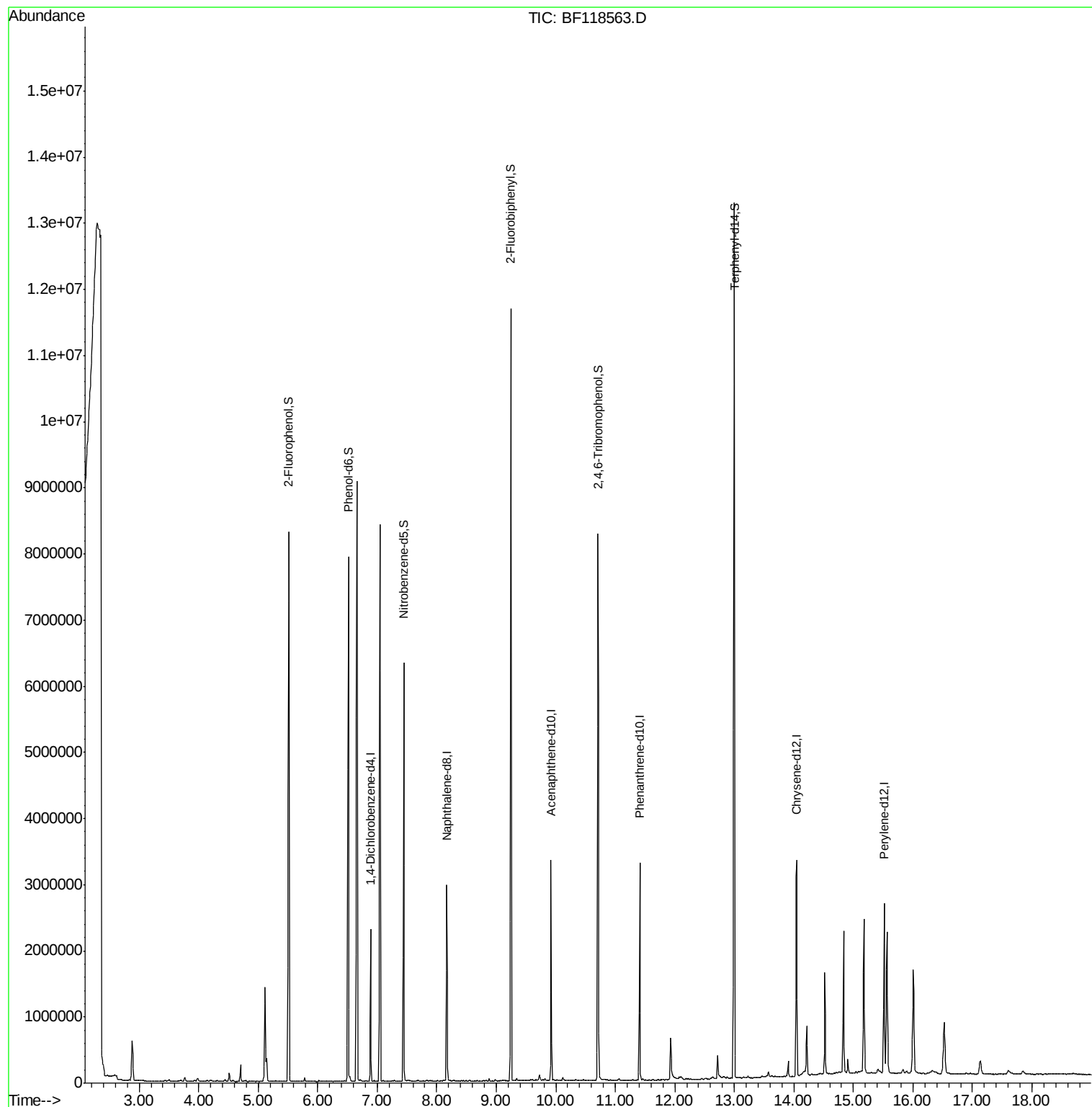
Target Compounds Qvalue

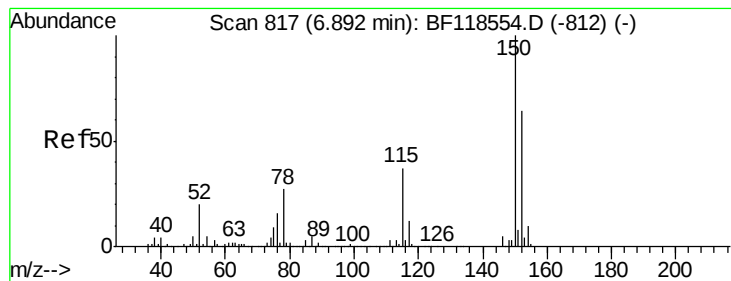
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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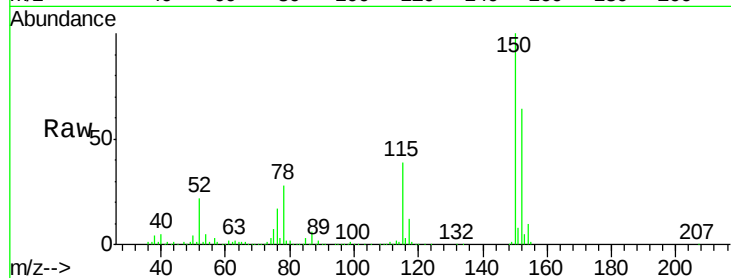


#1

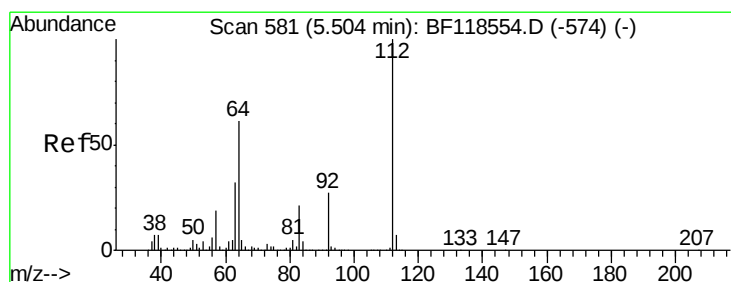
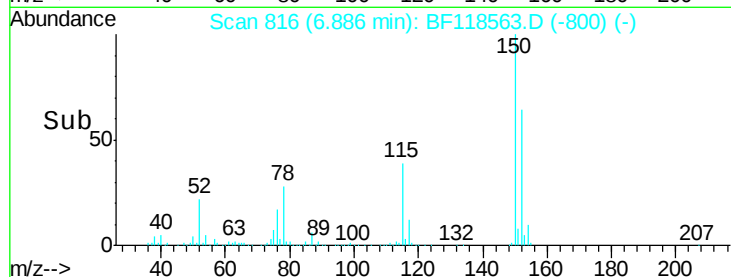
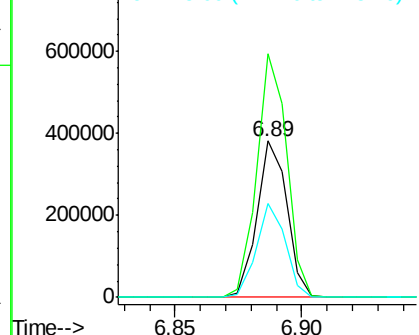
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tot Ion:152 Resp: 314643
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 60.0 45.8 68.6



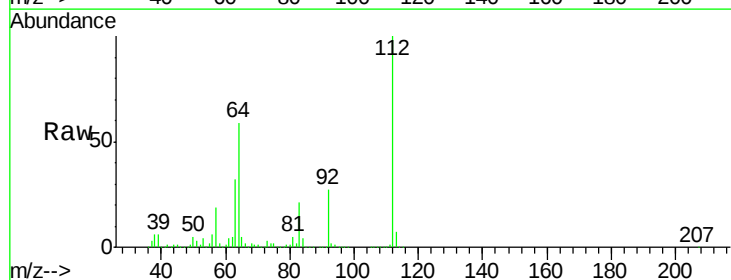
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



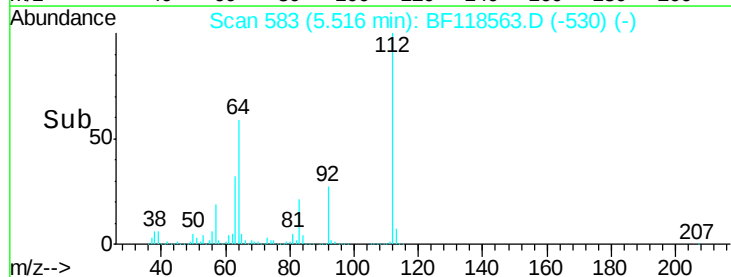
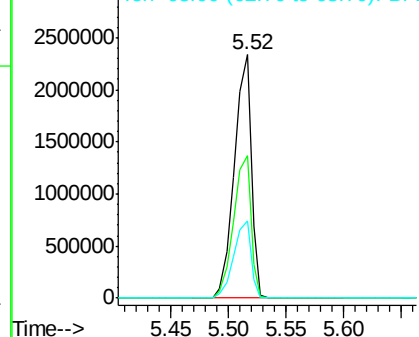
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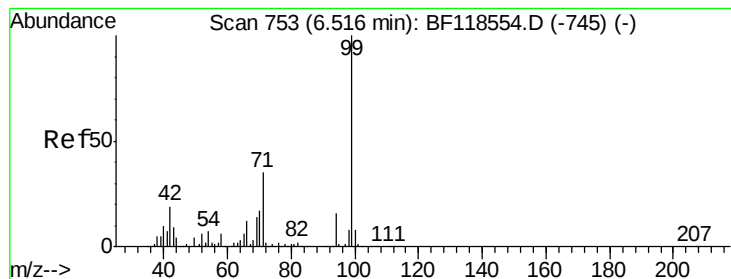
2-Fluorophenol
Concen: 140.336 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:112 Resp: 2389747
Ion Ratio Lower Upper
112 100
64 58.6 49.1 73.7
63 31.6 25.8 38.8



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: 131.783 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118563.D

Acq: 17 Jan 2020 17:39

Instrument :

BNA_F

ClientSampleId :

HD-01-011520

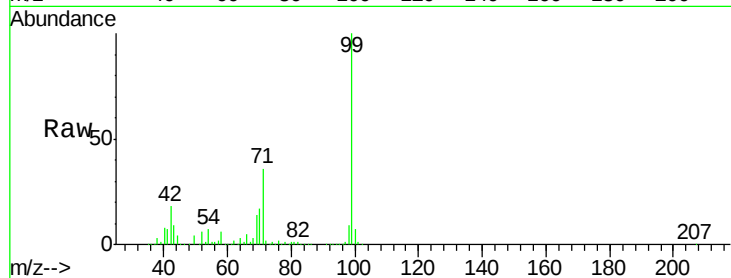
Tot Ion: 99 Resp: 2940450

Ion Ratio Lower Upper

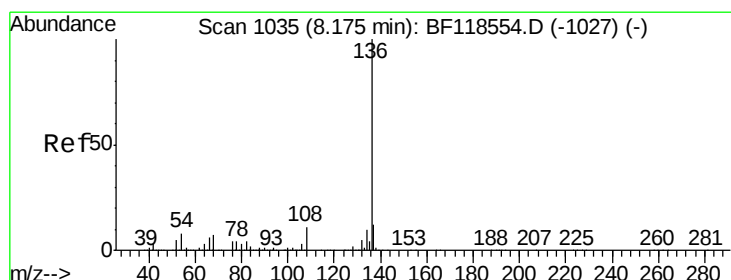
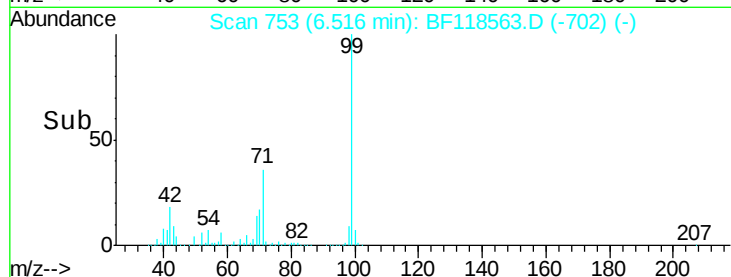
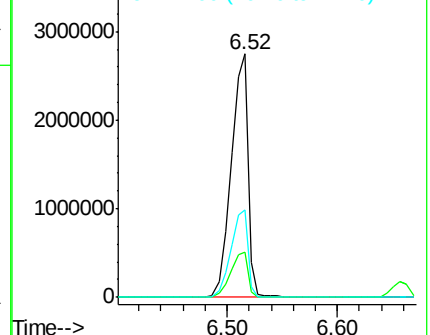
99 100

42 18.4 14.9 22.3

71 36.2 28.3 42.5



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118563.D

Acq: 17 Jan 2020 17:39

Tgt Ion:136 Resp: 1158332

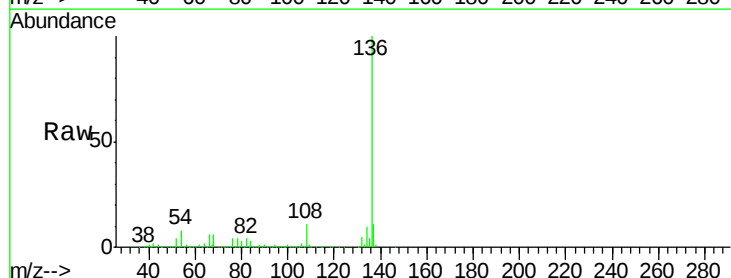
Ion Ratio Lower Upper

136 100

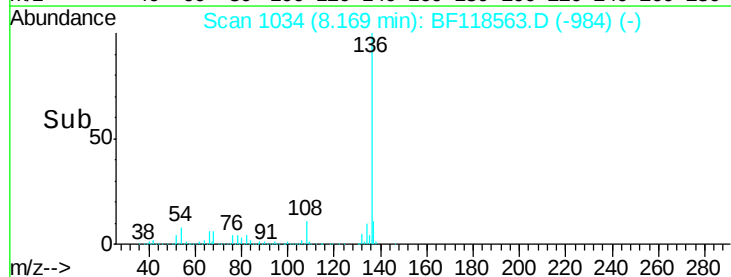
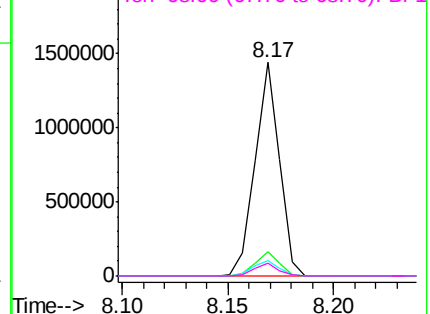
137 11.3 9.4 14.0

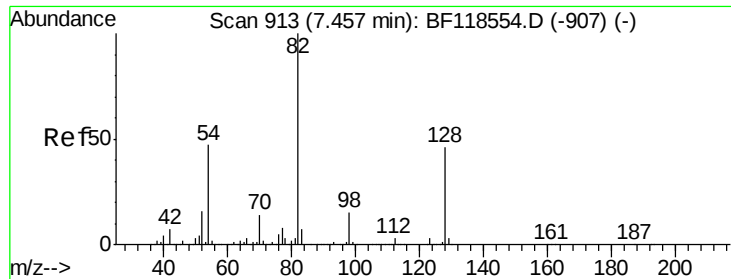
54 7.5 6.2 9.2

68 6.1 5.4 8.0



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

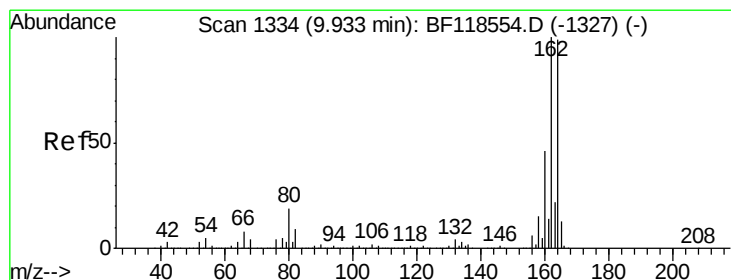
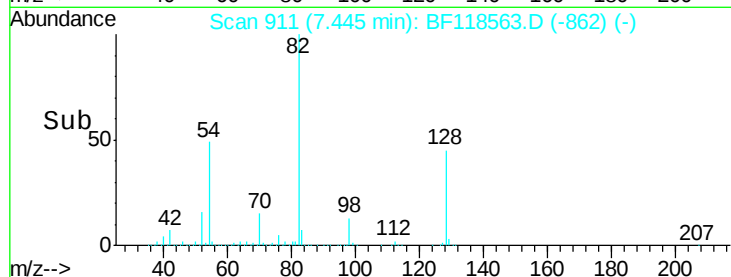
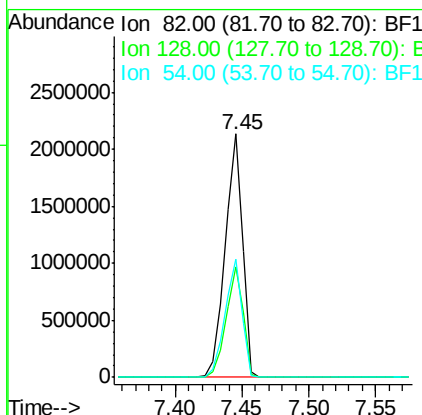
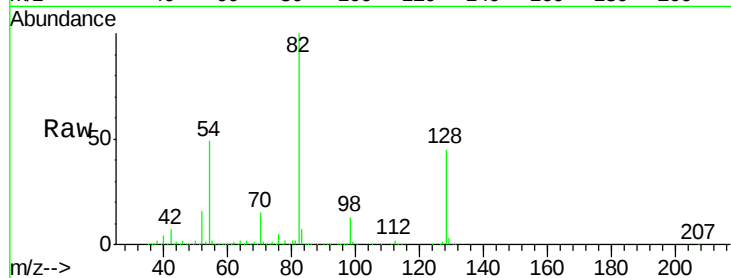




#23
Nitrobenzene-d5
Concen: 104.684 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

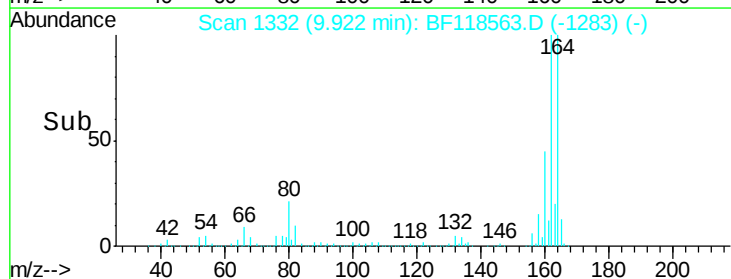
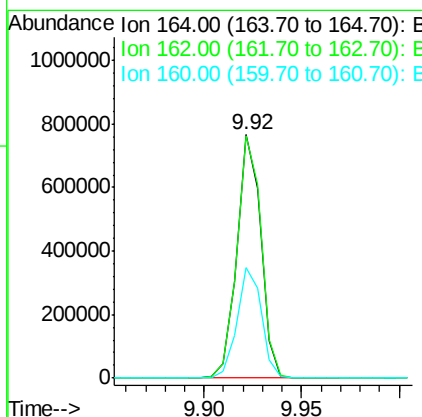
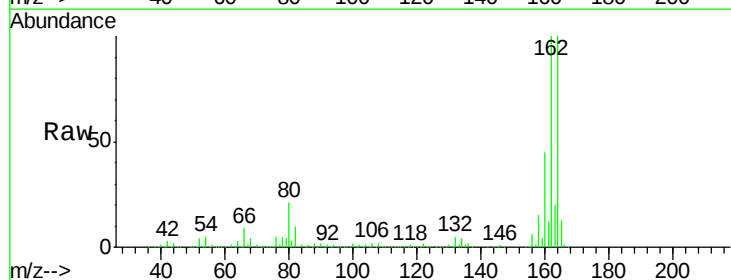
Instrument :
BNA_F
ClientSampleId :
HD-01-011520

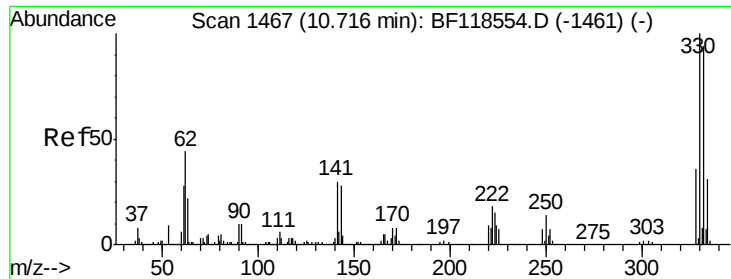
Tot Ion: 82 Resp: 1963330
Ion Ratio Lower Upper
82 100
128 45.4 37.0 55.4
54 48.6 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:164 Resp: 651265
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 45.4 36.7 55.1



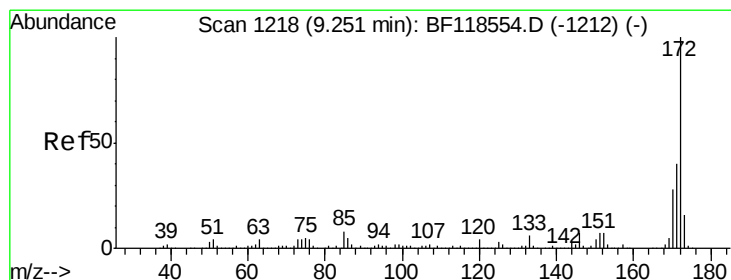
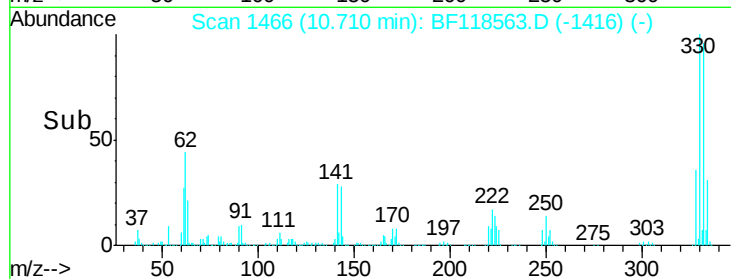
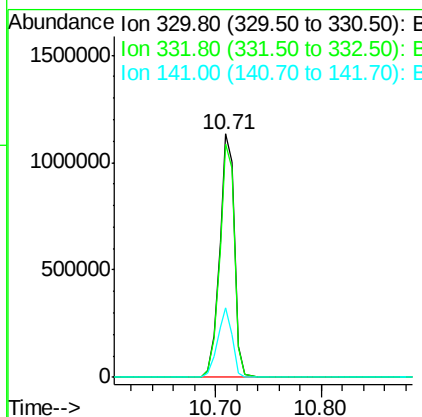
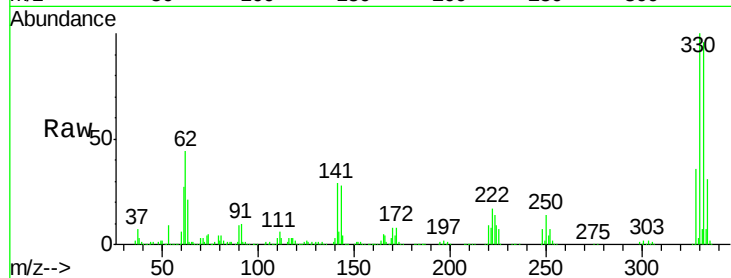


#42
 2,4,6-Tribromophenol
 Concen: 156.254 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118563.D
 Acq: 17 Jan 2020 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-011520

Tot Ion:330 Resp: 1124967

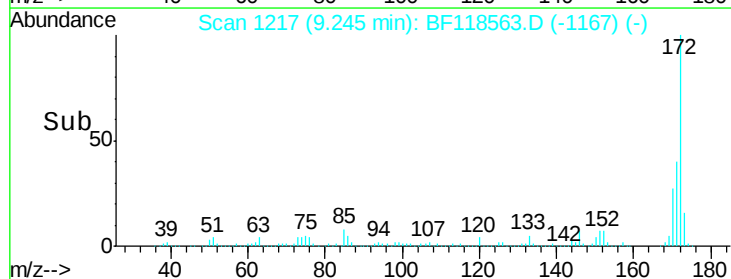
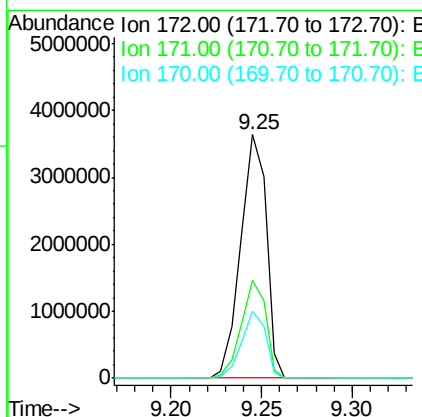
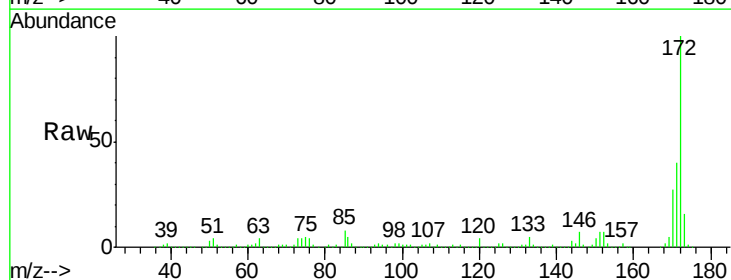
Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.4	114.6
141	28.7	23.4	35.2

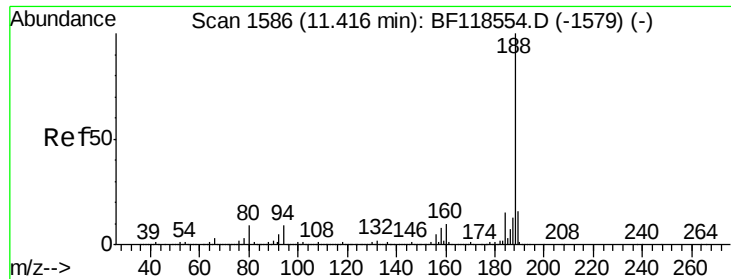


#45
 2-Fluorobiphenyl
 Concen: 99.334 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF118563.D
 Acq: 17 Jan 2020 17:39

Tgt Ion:172 Resp: 3583505

Ion	Ratio	Lower	Upper
172	100		
171	40.1	32.4	48.6
170	27.3	22.5	33.7

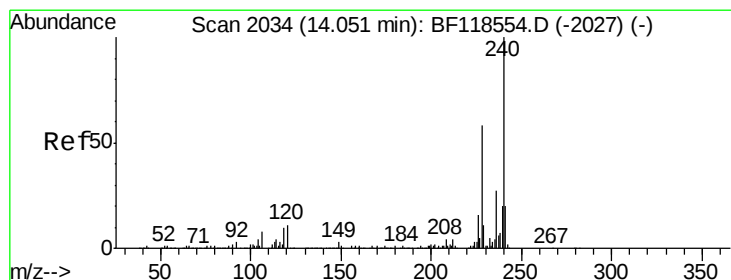
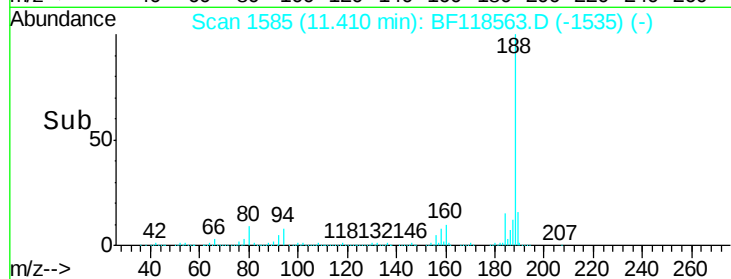
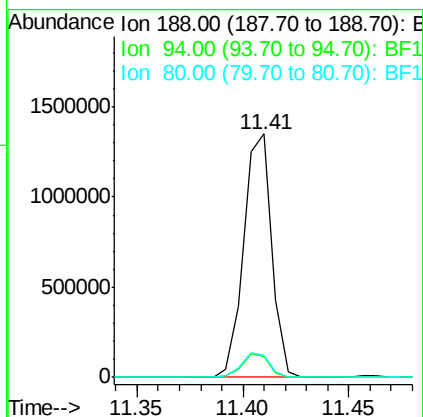
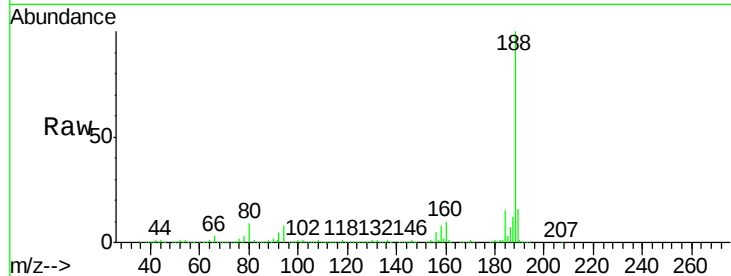




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

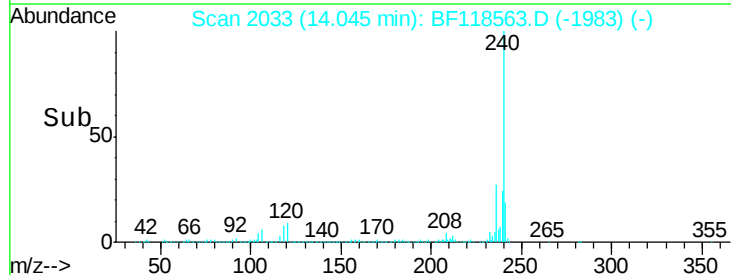
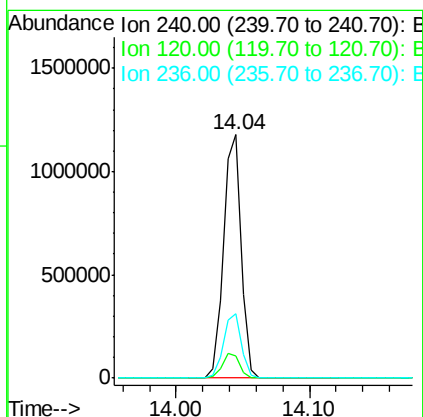
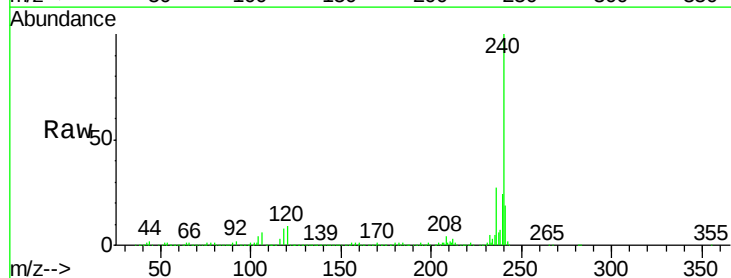
Instrument :
BNA_F
ClientSampleId :
HD-01-011520

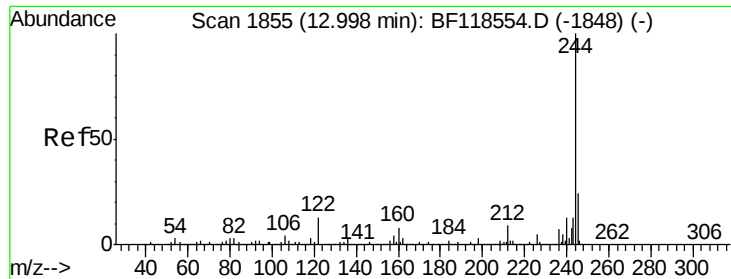
Tot Ion:188 Resp: 1239057
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.1 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:240 Resp: 1101350
Ion Ratio Lower Upper
240 100
120 9.0 8.7 13.1
236 26.6 21.8 32.8





#79

Terphenyl-d14

Concen: 84.744 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118563.D

Acq: 17 Jan 2020 17:39

Instrument :

BNA_F

ClientSampleId :

HD-01-011520

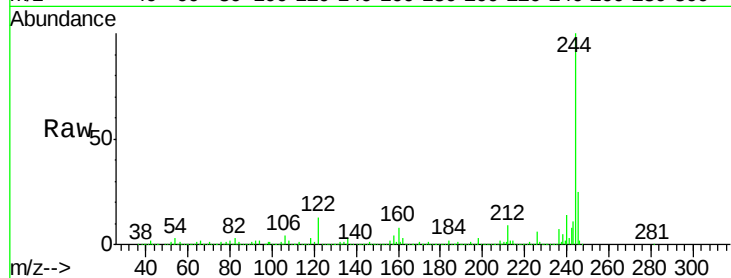
Tot Ion:244 Resp: 4725865

Ion Ratio Lower Upper

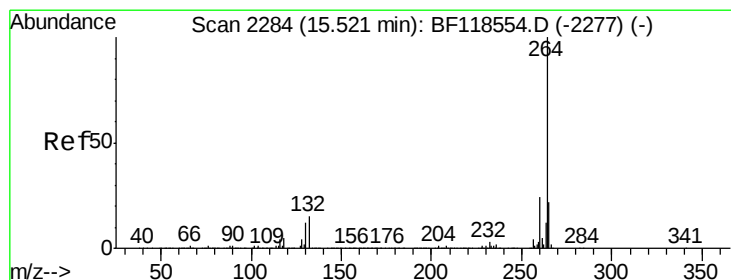
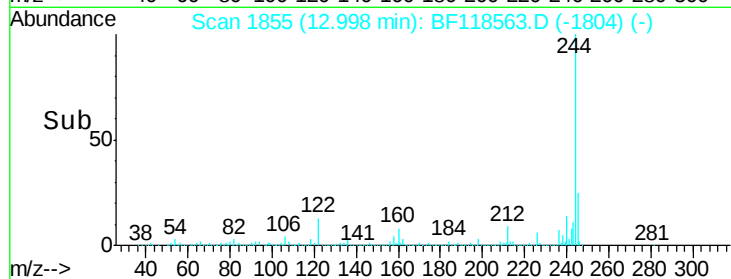
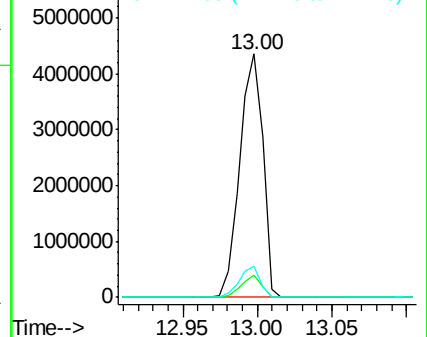
244 100

212 8.9 7.0 10.4

122 13.0 10.4 15.6



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF118563.D

Acq: 17 Jan 2020 17:39

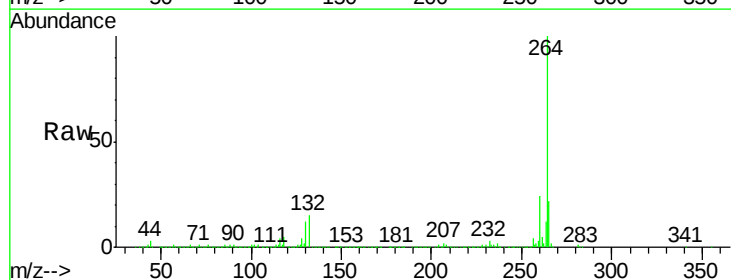
Tgt Ion:264 Resp: 1190768

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.2 17.6 26.4



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

