

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113983.D
 Acq On : 25 Apr 2019 17:50
 Operator : JU/SJ
 Sample : K2555-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-7

Quant Time: Apr 26 05:23:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	100661	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	379081	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	203628	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	426794	20.00	ng	0.00
76) Chrysene-d12	14.05	240	410540	20.00	ng	-0.02
87) Perylene-d12	15.54	264	430370	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	324462	55.13	ng	0.00
7) Phenol-d6	6.52	99	260676	35.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	598376	97.46	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	342855	138.21	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1222429	93.89	ng	0.00
79) Terphenyl-d14	13.00	244	1706475	85.22	ng	0.00

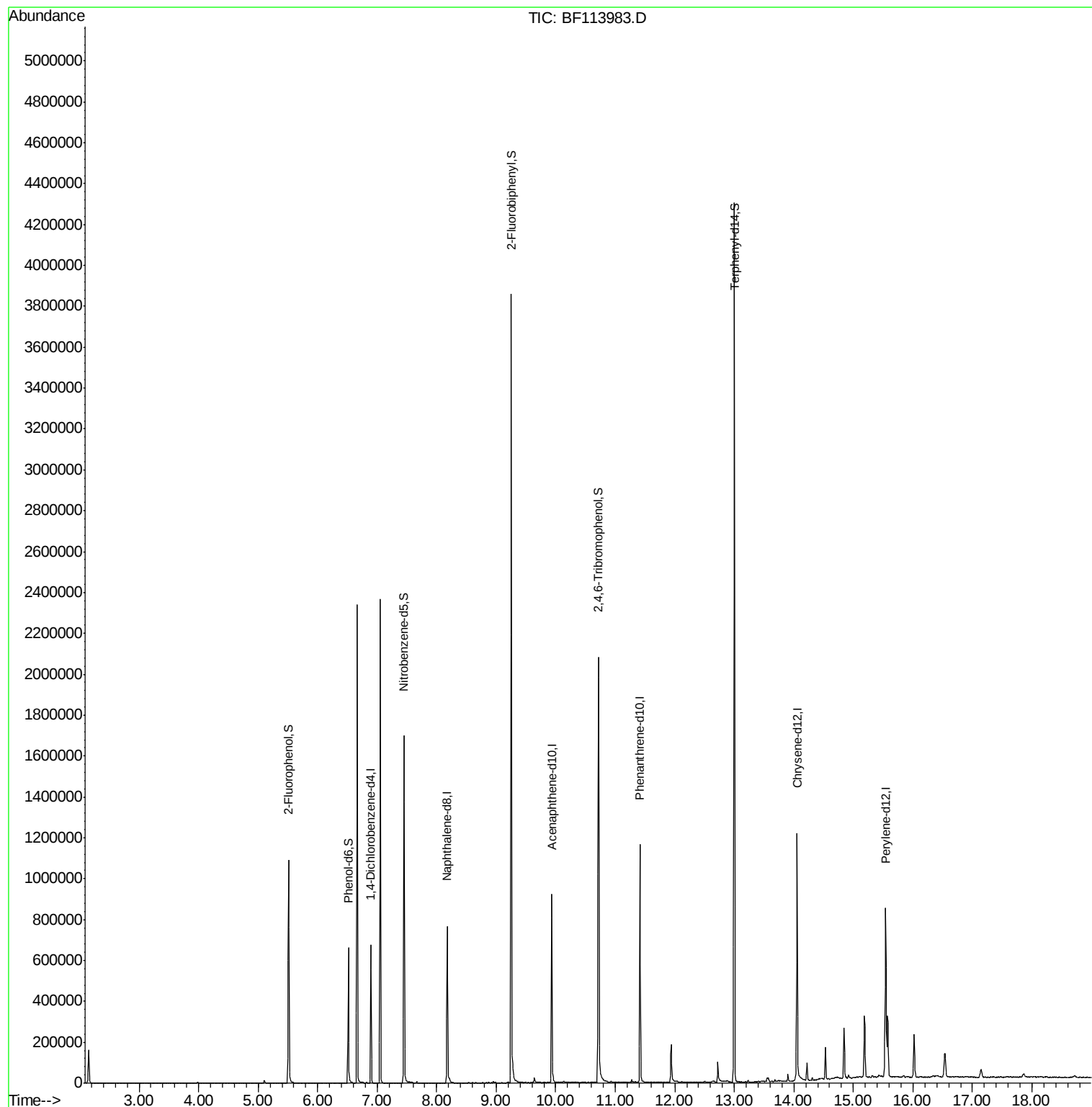
Target Compounds Qvalue

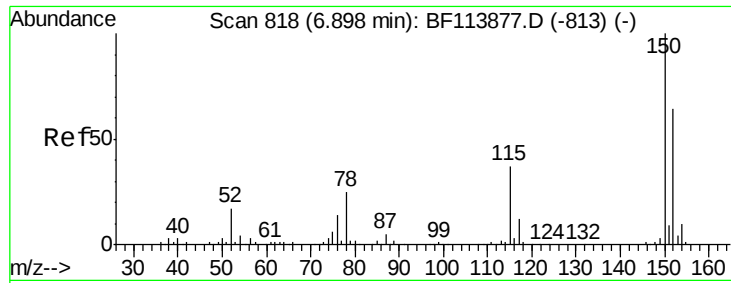
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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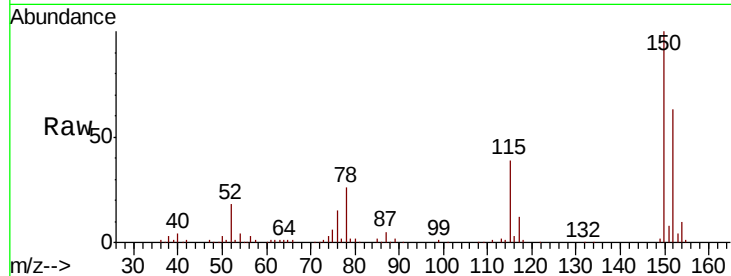


#1

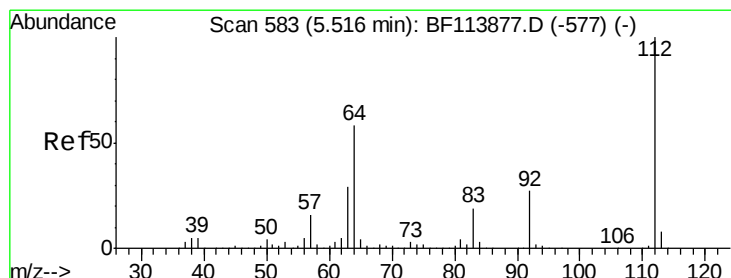
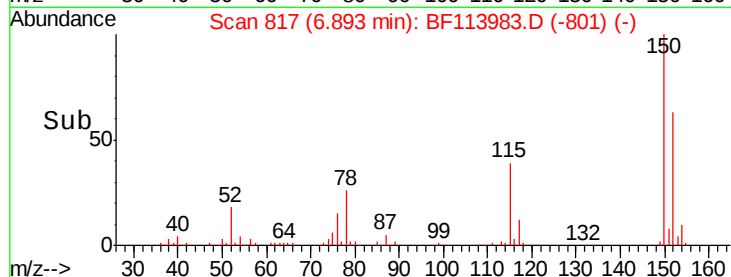
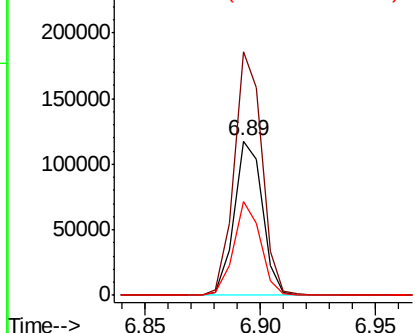
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113983.D
 Acq: 25 Apr 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :
 HW-7

Tot Ion:152 Resp: 100661
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.9 188.9
 115 60.7 45.9 68.9



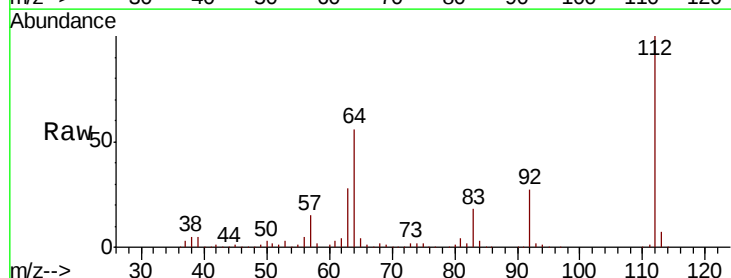
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



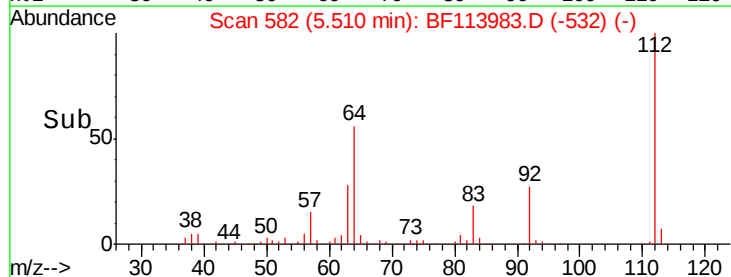
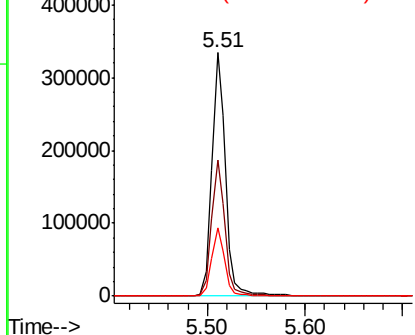
#5

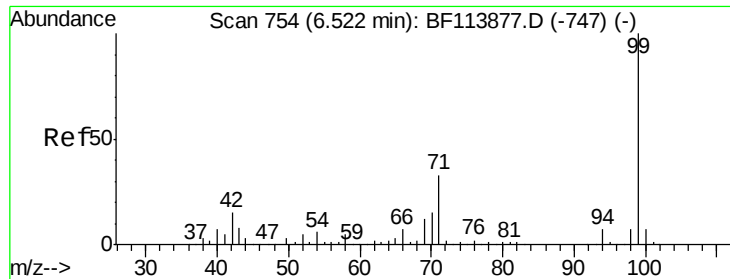
2-Fluorophenol
 Concen: 55.130 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF113983.D
 Acq: 25 Apr 2019 17:50

Tgt Ion:112 Resp: 324462
 Ion Ratio Lower Upper
 112 100
 64 56.1 46.6 69.8
 63 27.8 23.1 34.7



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: 35.303 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113983.D

Acq: 25 Apr 2019 17:50

Instrument :

BNA_F

ClientSampleId :

HW-7

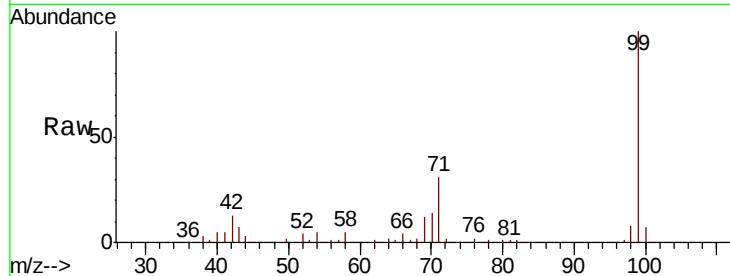
Tot Ion: 99 Resp: 260676

Ion Ratio Lower Upper

99 100

42 13.1 12.5 18.7

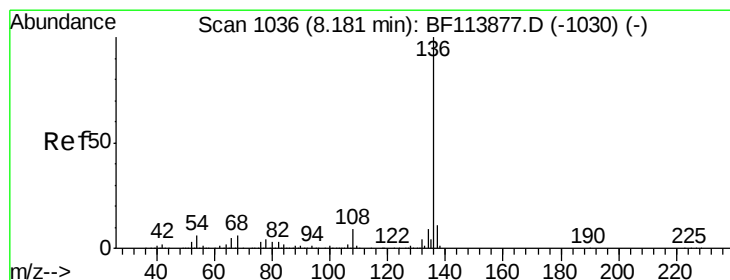
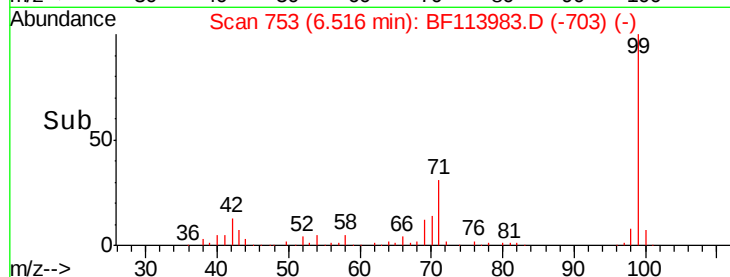
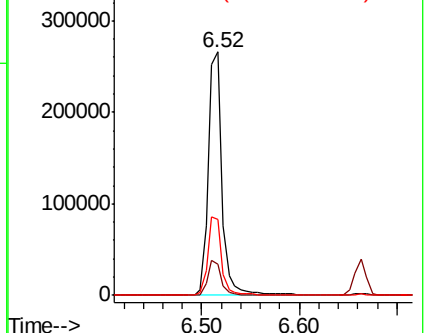
71 31.0 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113983.D

Acq: 25 Apr 2019 17:50

Tgt Ion: 136 Resp: 379081

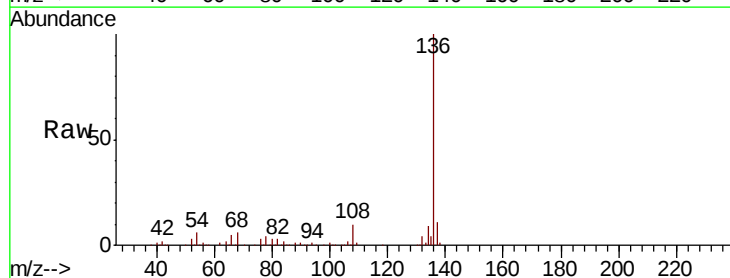
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.1 5.0 7.6

68 6.2 4.9 7.3

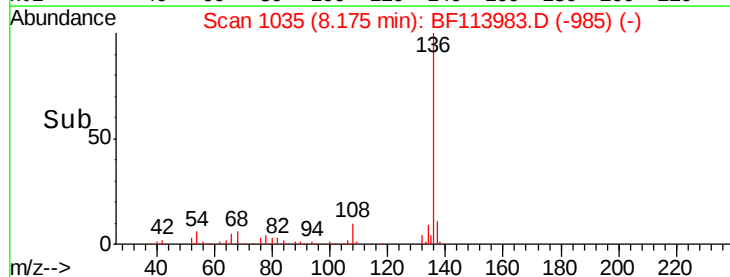
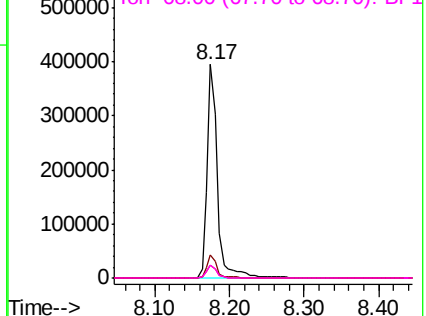


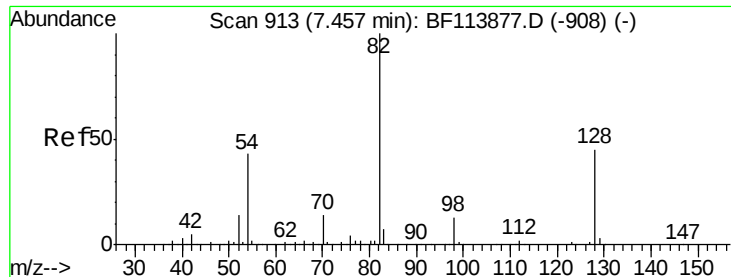
Abundance Ion 136.00 (135.70 to 136.70): E

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

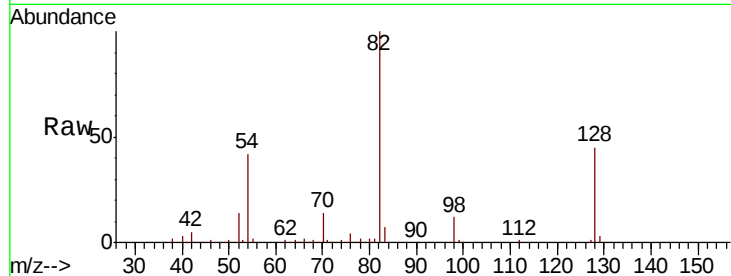




#23
 Nitrobenzene-d5
 Concen: 97.462 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113983.D
 Acq: 25 Apr 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :
 HW-7

Tot Ion	82	Resp	598376
Ion Ratio	100	Lower	Upper
128	45.4	36.8	55.2
54	42.3	33.8	50.6

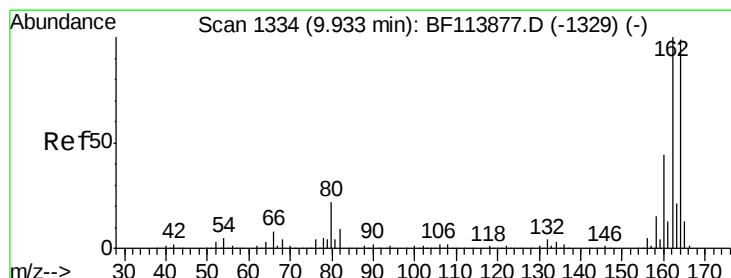
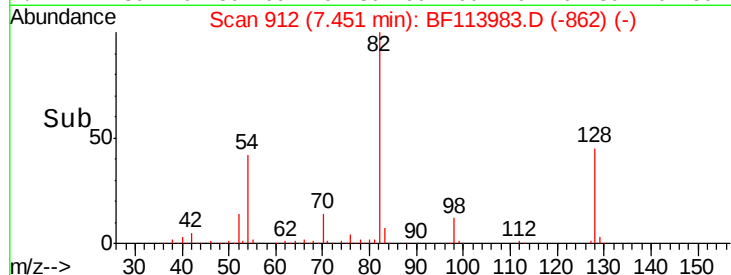
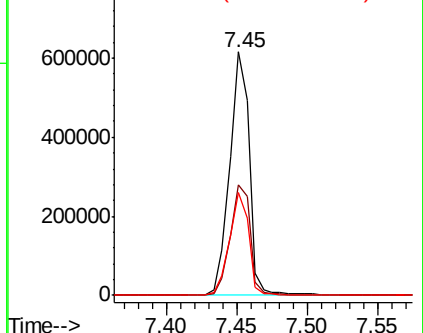


Abundance

Ion 82.00 (81.70 to 82.70): BF1

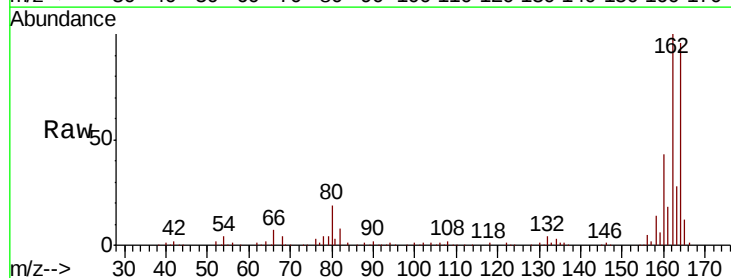
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113983.D
 Acq: 25 Apr 2019 17:50

Tgt Ion	164	Resp	203628
Ion Ratio	100	Lower	Upper
162	103.7	81.1	121.7
160	44.1	35.8	53.6

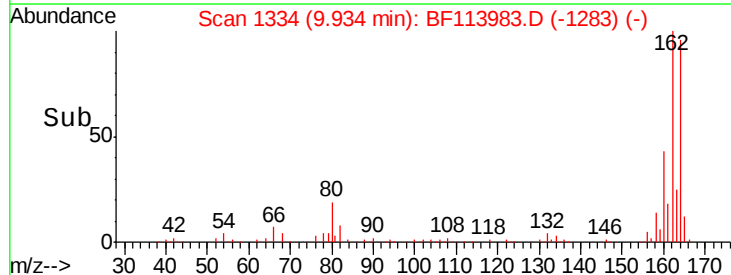
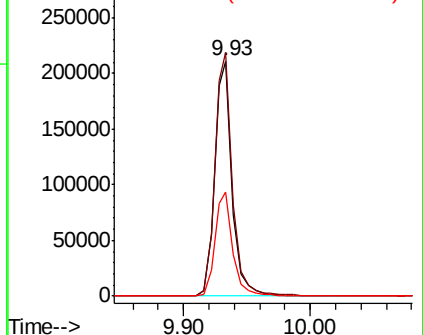


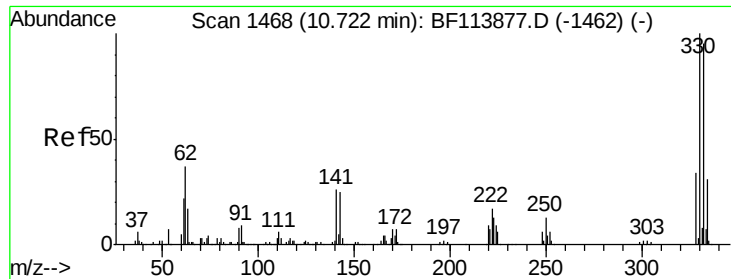
Abundance

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

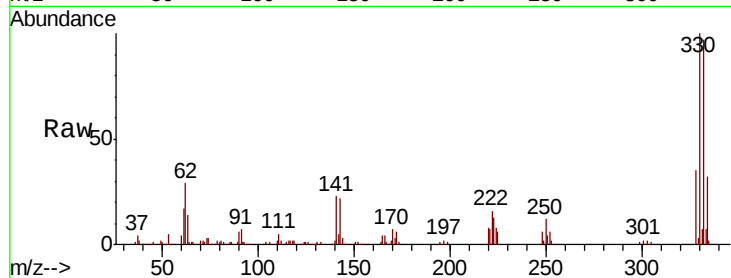




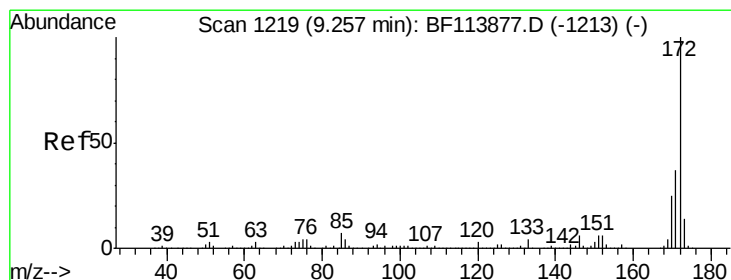
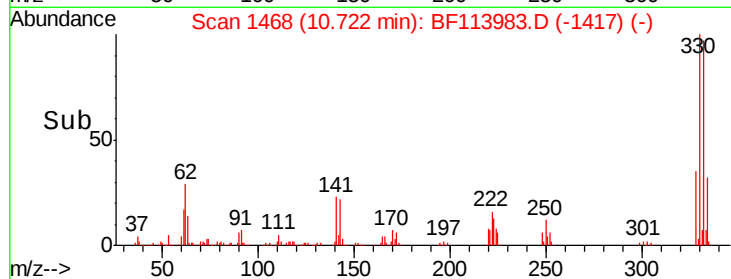
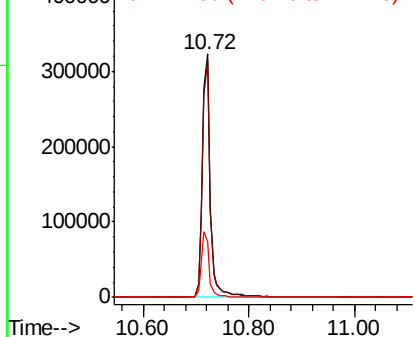
#42
 2,4,6-Tribromophenol
 Concen: 138.214 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113983.D
 Acq: 25 Apr 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :
 HW-7

Tot Ion:330 Resp: 342855
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.5 116.3
 141 27.2 22.2 33.2

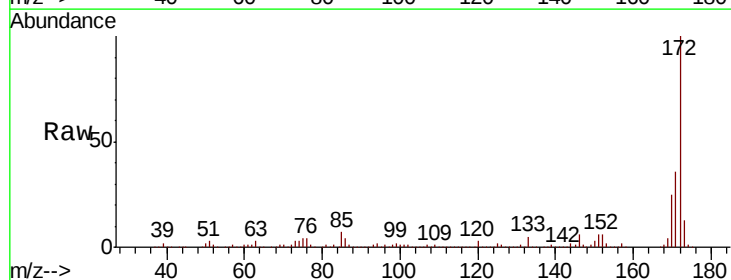


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

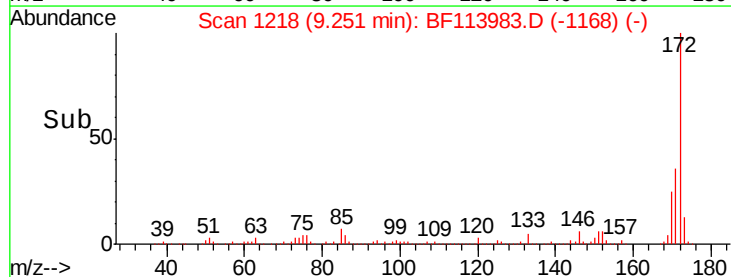
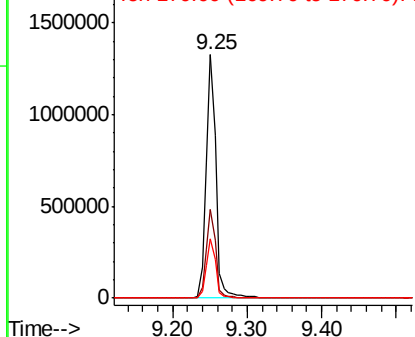


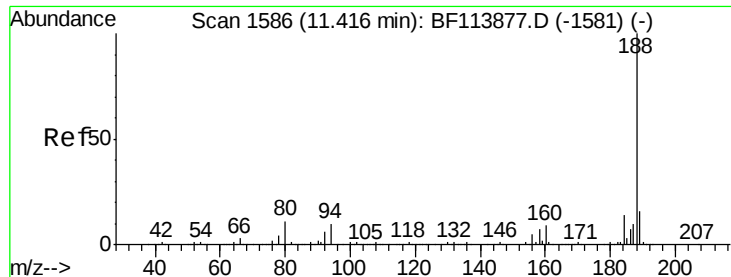
#45
 2-Fluorobiphenyl
 Concen: 93.892 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113983.D
 Acq: 25 Apr 2019 17:50

Tgt Ion:172 Resp: 1222429
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 19.9 29.9



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

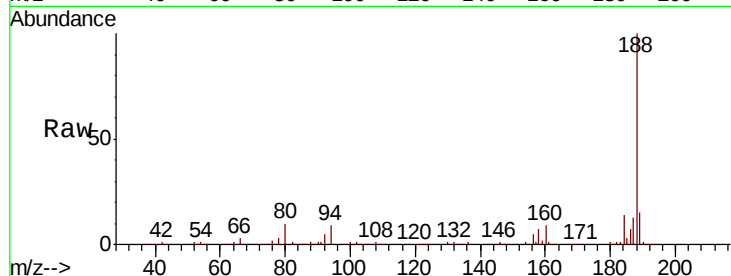




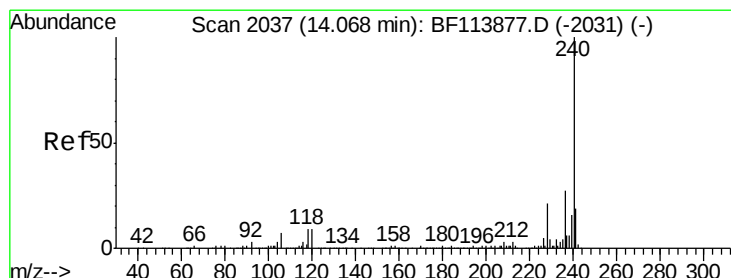
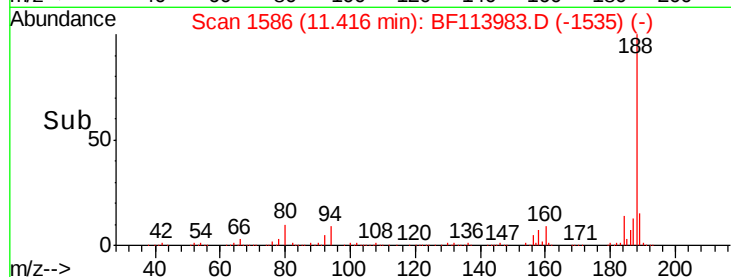
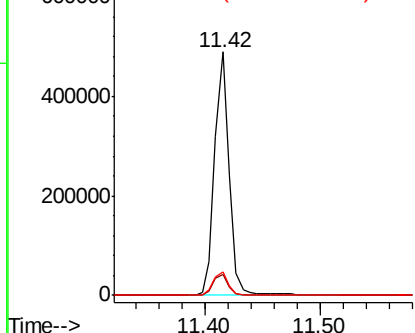
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113983.D
Acq: 25 Apr 2019 17:50

Instrument :
BNA_F
ClientSampleId :
HW-7

Tot Ion:188 Resp: 426794
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.4
80 9.7 9.0 13.6

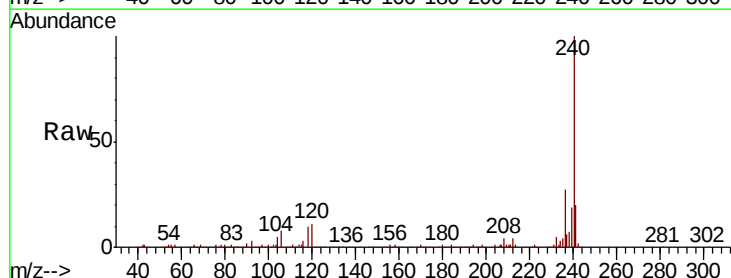


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

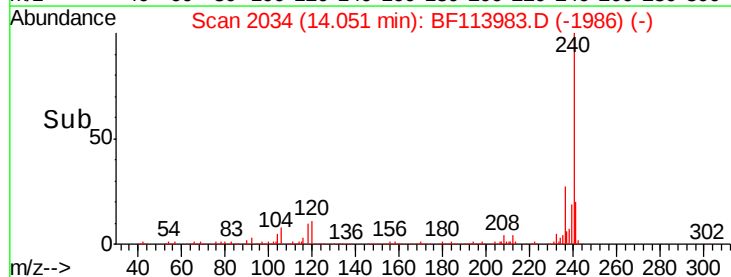
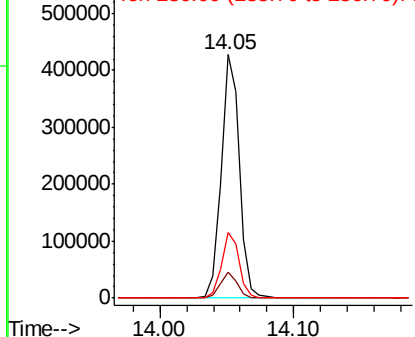


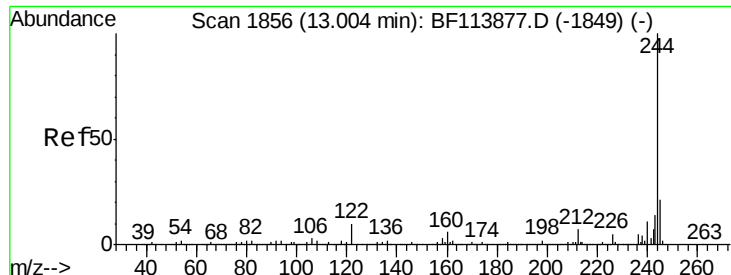
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF113983.D
Acq: 25 Apr 2019 17:50

Tgt Ion:240 Resp: 410540
Ion Ratio Lower Upper
240 100
120 10.7 9.3 13.9
236 27.0 21.2 31.8



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: 85.217 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113983.D

Acq: 25 Apr 2019 17:50

Instrument :

BNA_F

ClientSampleId :

HW-7

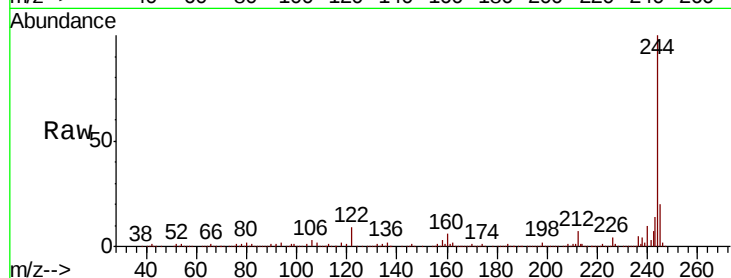
Tot Ion:244 Resp: 1706475

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

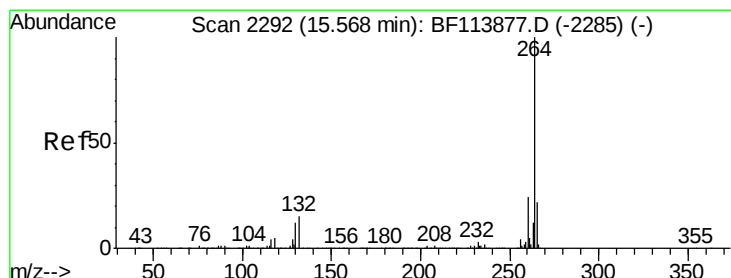
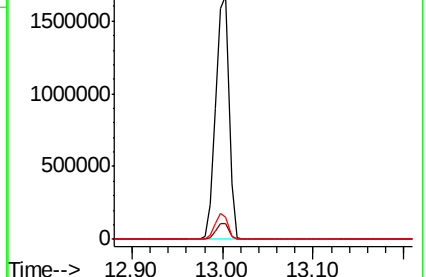
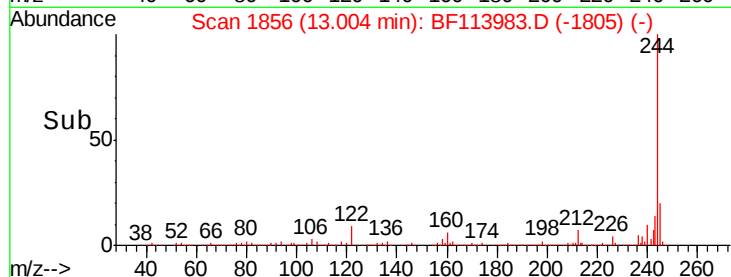
122 9.2 7.6 11.4



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: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF113983.D

Acq: 25 Apr 2019 17:50

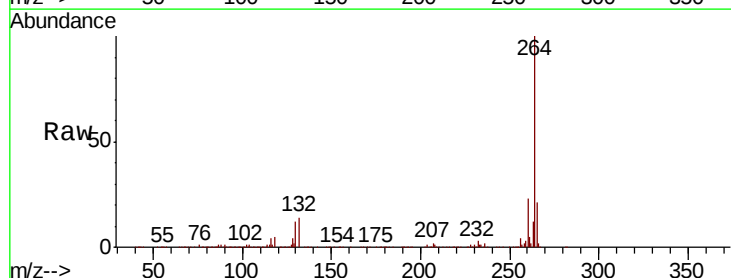
Tgt Ion:264 Resp: 430370

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 20.6 17.3 25.9



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

