

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113990.D
 Acq On : 25 Apr 2019 20:54
 Operator : JU/SJ
 Sample : K2555-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-10

Quant Time: Apr 26 05:50:52 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	99383	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	381687	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	201272	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	437075	20.00	ng	0.00
76) Chrysene-d12	14.05	240	419099	20.00	ng	-0.02
87) Perylene-d12	15.54	264	426464	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	329197	56.65	ng	0.00
7) Phenol-d6	6.52	99	268488	36.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	561459	90.82	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	358730	146.31	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1184334	92.03	ng	0.00
79) Terphenyl-d14	13.00	244	1681572	82.26	ng	0.00

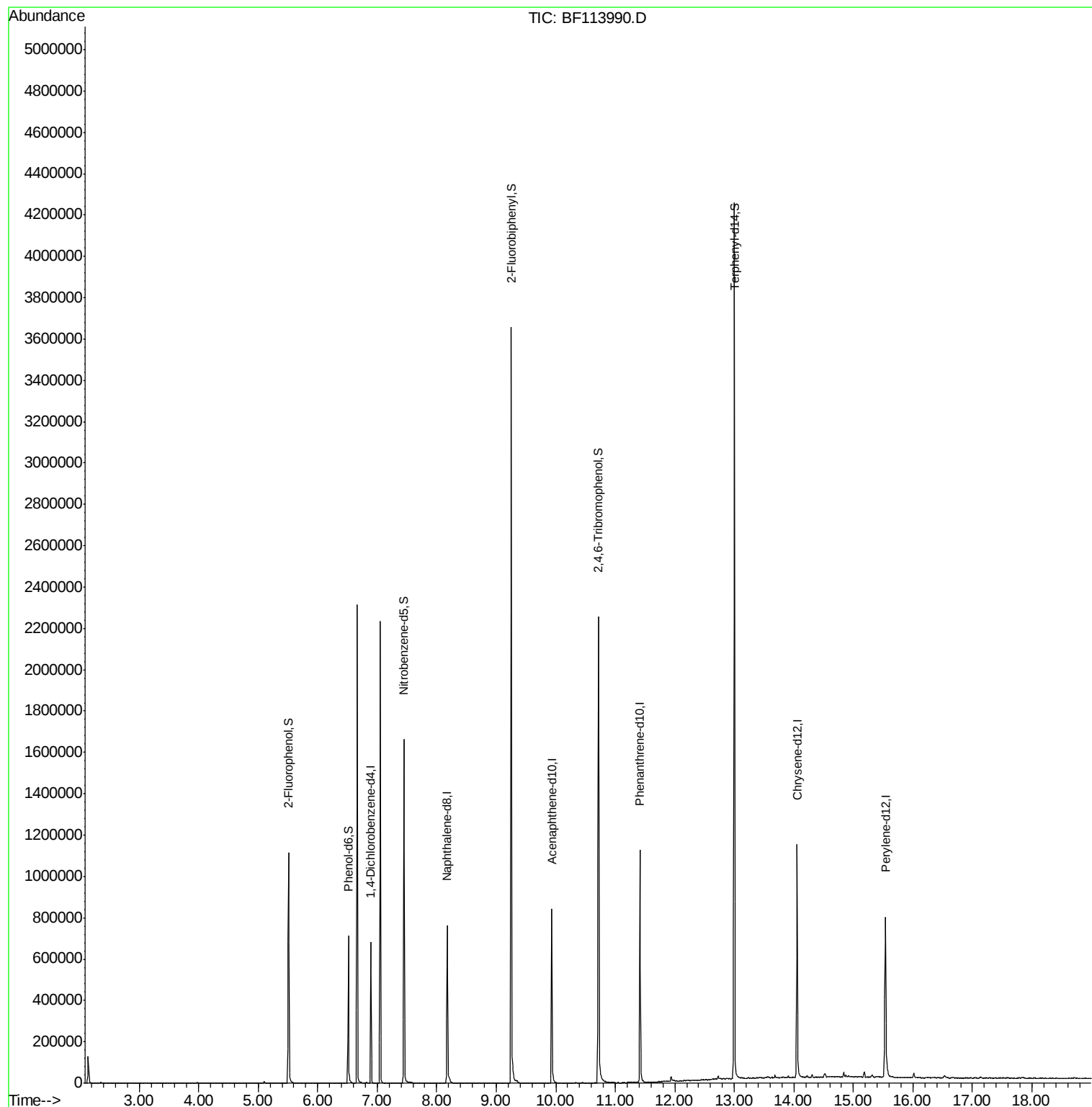
Target Compounds Qvalue

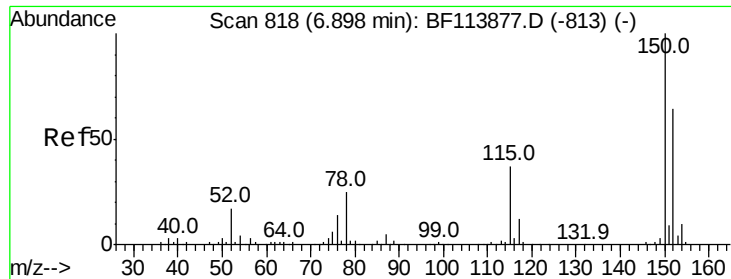
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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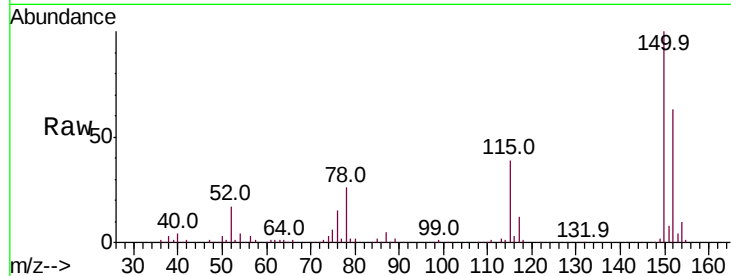


#1

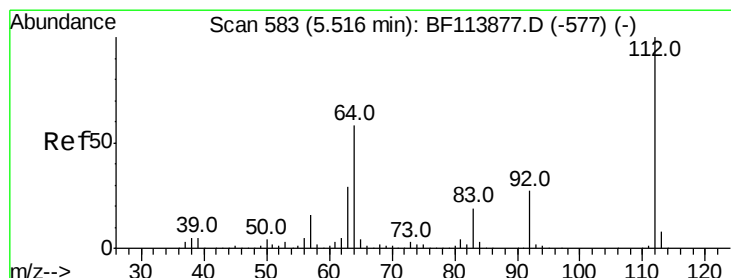
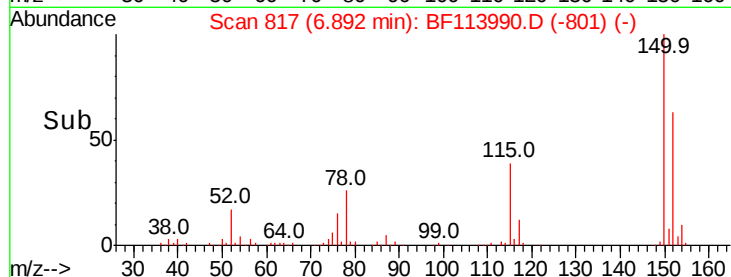
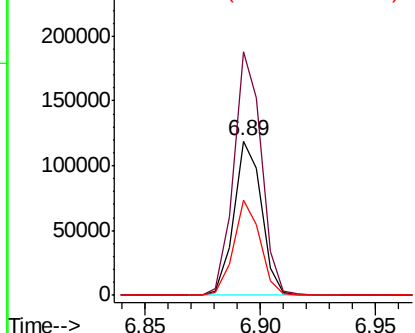
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113990.D
 Acq: 25 Apr 2019 20:54

Instrument :
 BNA_F
 ClientSampled :
 HW-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.9	188.9
115	62.0	45.9	68.9



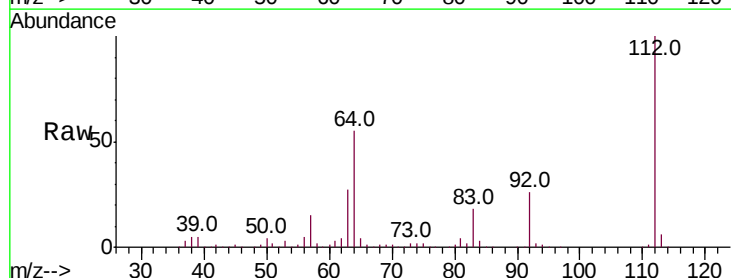
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



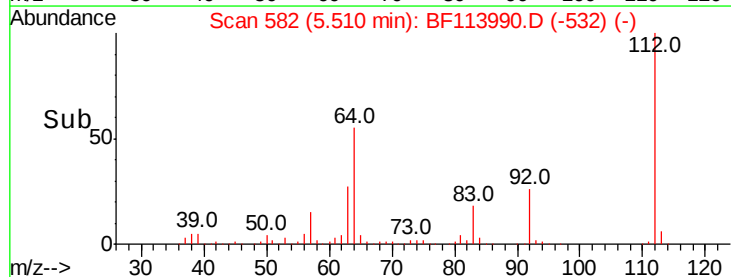
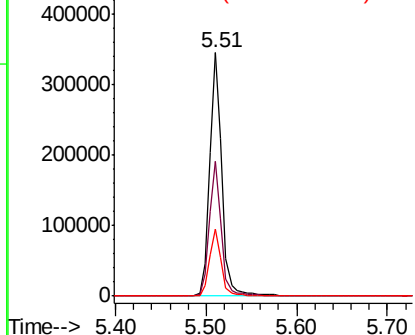
#5

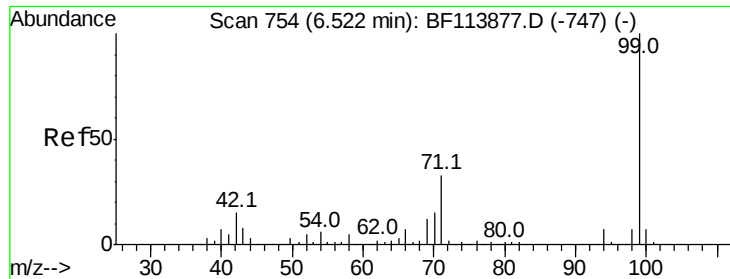
2-Fluorophenol
 Concen: 56.654 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF113990.D
 Acq: 25 Apr 2019 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.6	69.8
63	27.3	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: 36.829 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113990.D

Acq: 25 Apr 2019 20:54

Instrument :

BNA_F

ClientSampleId :

HW-10

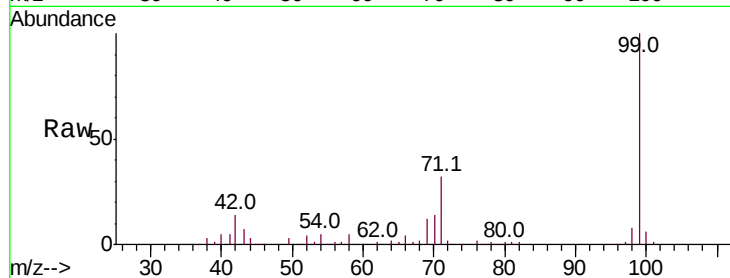
Tot Ion: 99 Resp: 268488

Ion Ratio Lower Upper

99 100

42 13.6 12.5 18.7

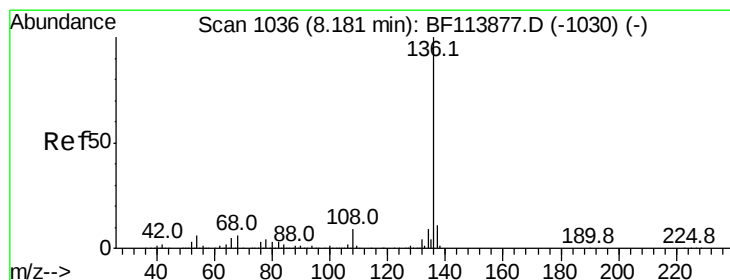
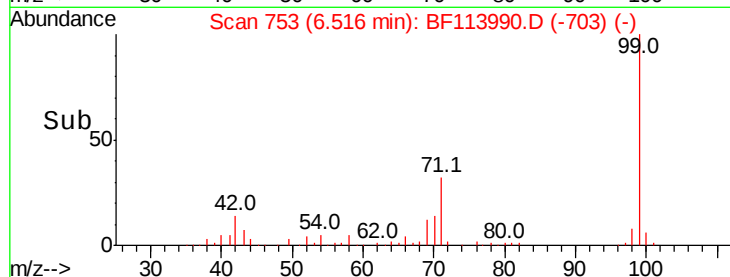
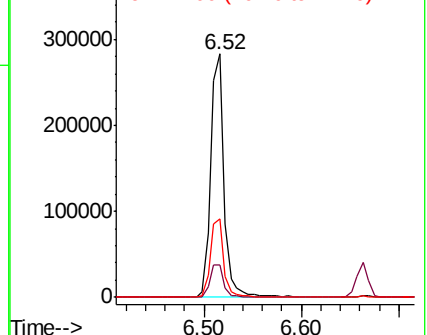
71 32.0 26.9 40.3



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: BF113990.D

Acq: 25 Apr 2019 20:54

Tgt Ion: 136 Resp: 381687

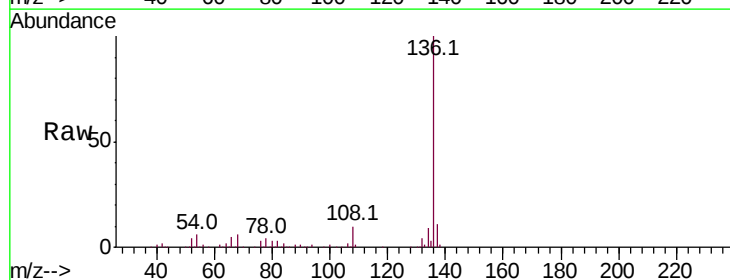
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.5 5.0 7.6

68 6.2 4.9 7.3

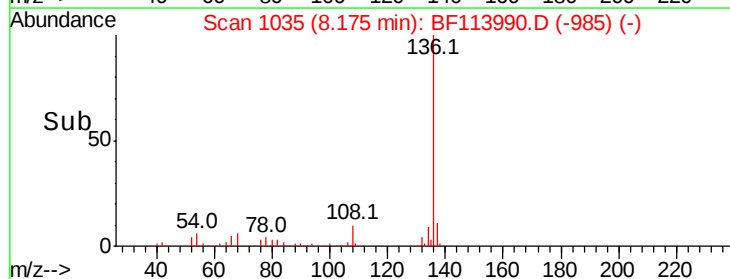
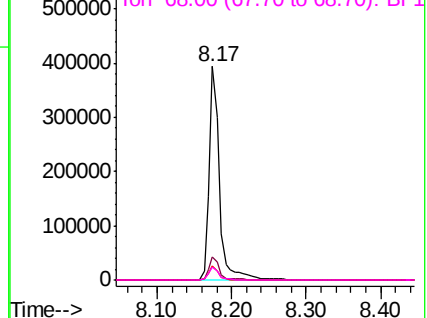


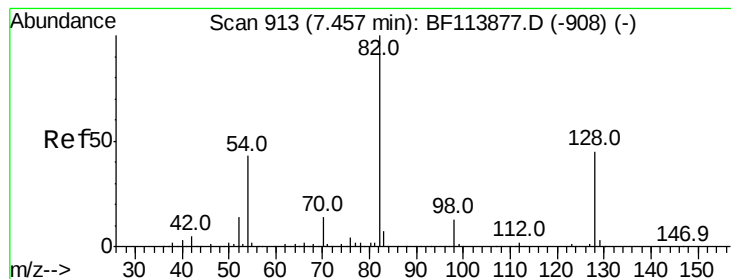
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.825 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113990.D

Acq: 25 Apr 2019 20:54

Instrument :

BNA_F

ClientSampleId :

HW-10

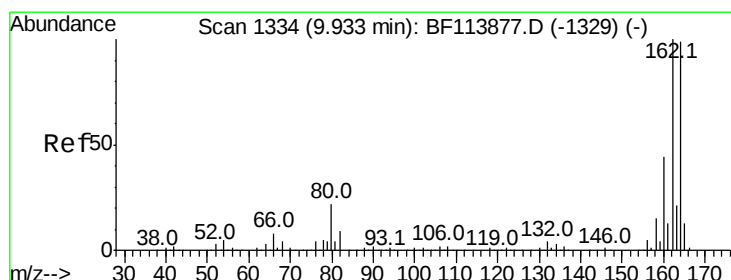
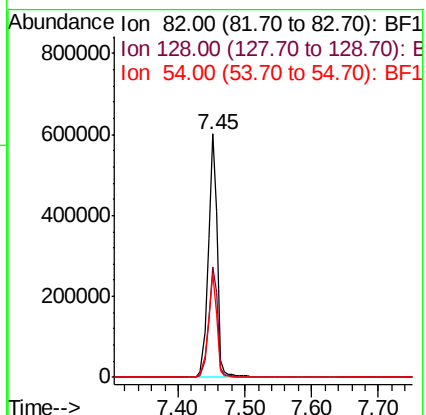
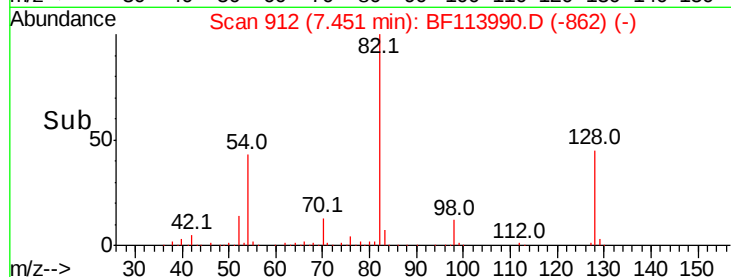
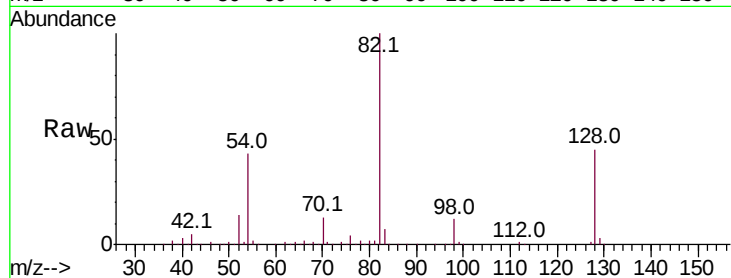
Tot Ion: 82 Resp: 561459

Ion Ratio Lower Upper

82 100

128 45.3 36.8 55.2

54 42.6 33.8 50.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113990.D

Acq: 25 Apr 2019 20:54

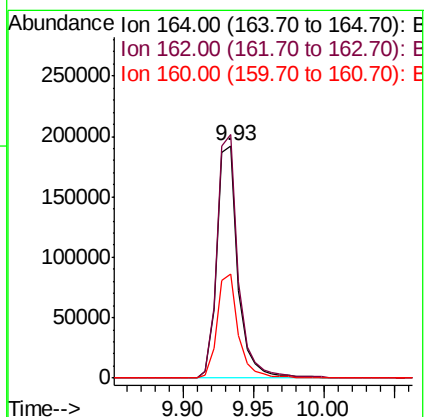
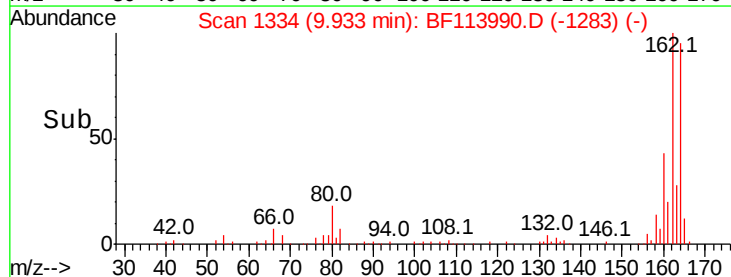
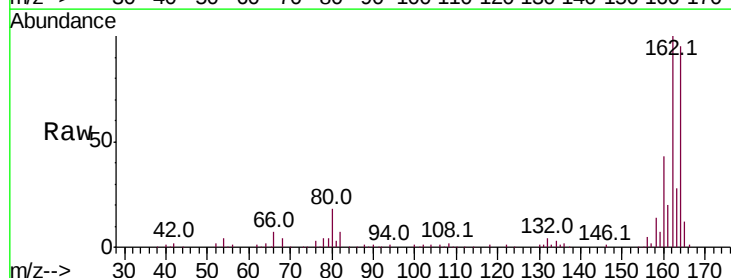
Tgt Ion: 164 Resp: 201272

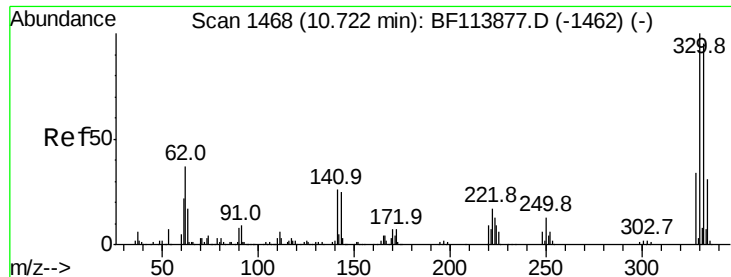
Ion Ratio Lower Upper

164 100

162 104.8 81.1 121.7

160 44.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 146.307 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113990.D

Acq: 25 Apr 2019 20:54

Instrument :

BNA_F

ClientSampleId :

HW-10

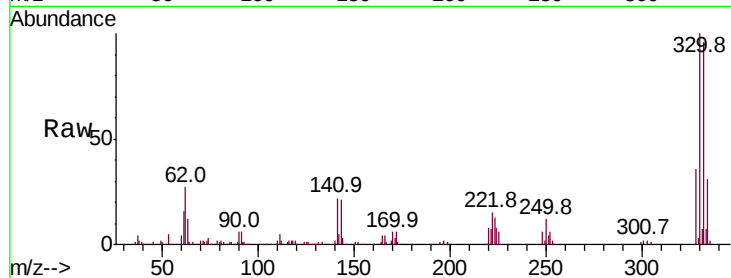
Tot Ion:330 Resp: 358730

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

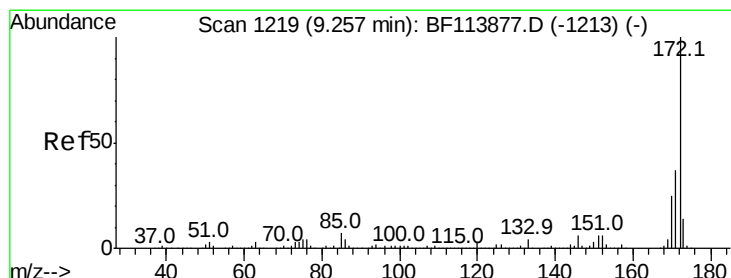
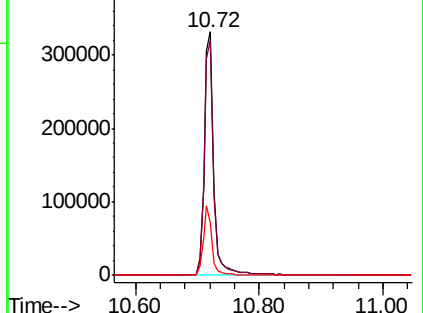
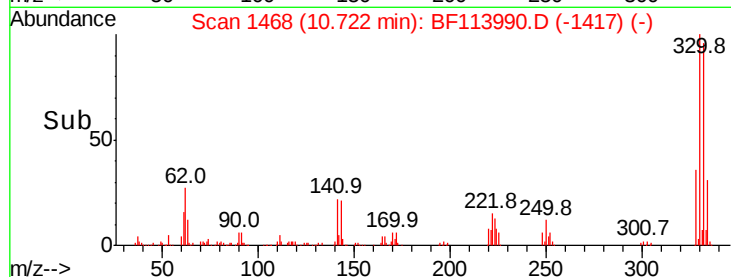
141 26.9 22.2 33.2



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: 92.031 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113990.D

Acq: 25 Apr 2019 20:54

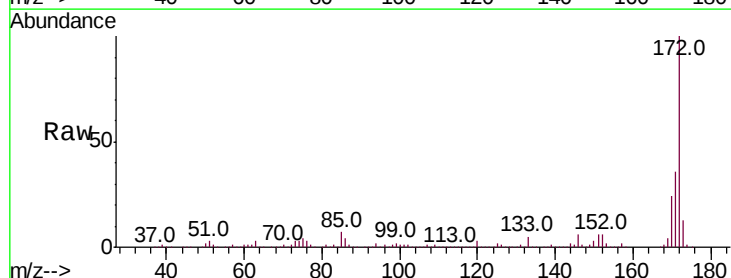
Tgt Ion:172 Resp: 1184334

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

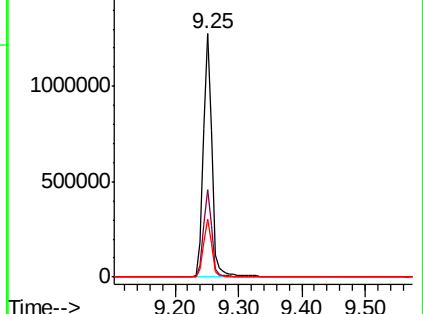
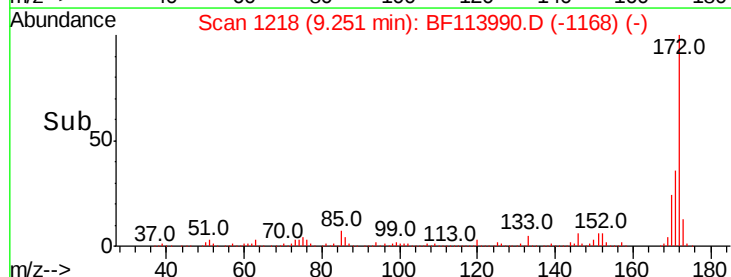
170 24.0 19.9 29.9

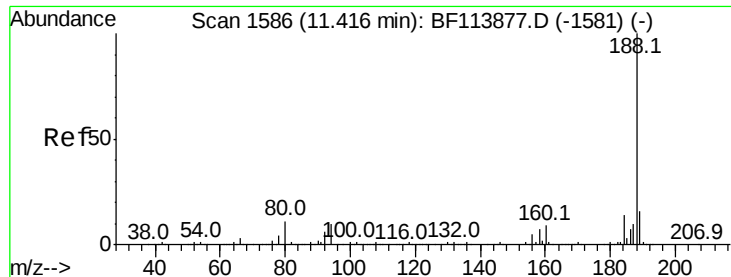


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

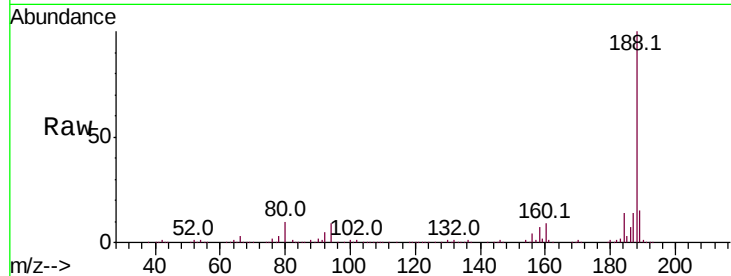




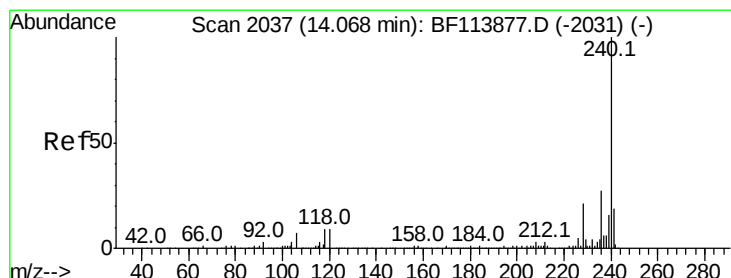
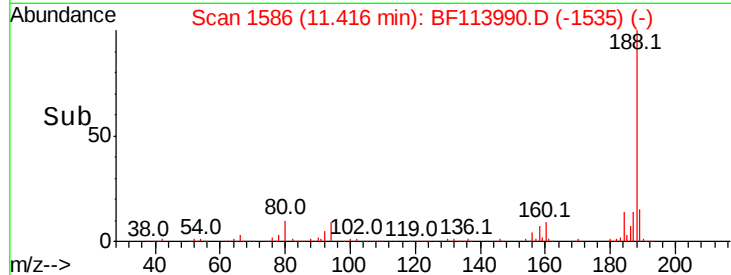
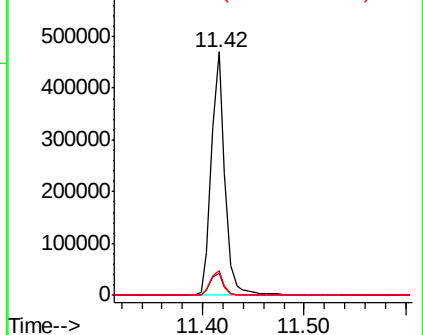
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113990.D
Acq: 25 Apr 2019 20:54

Instrument :
BNA_F
ClientSampleId :
HW-10

Tot Ion:188 Resp: 437075
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 10.2 9.0 13.6

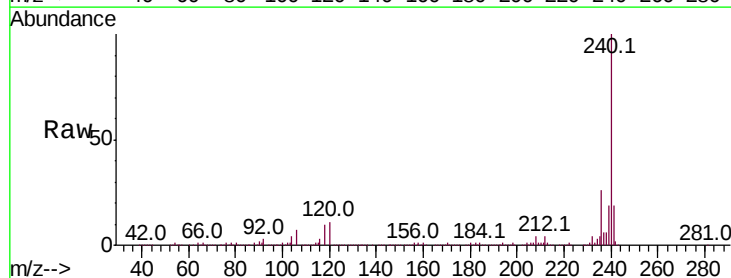


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

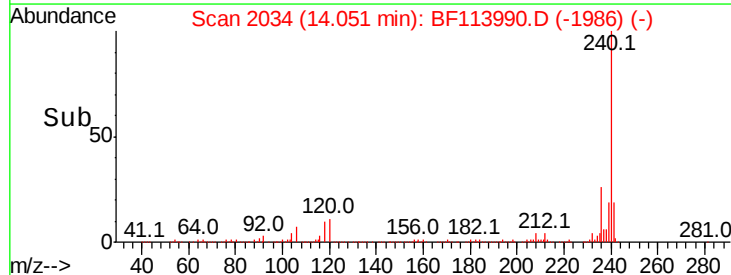
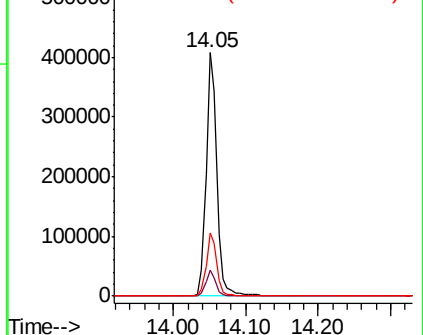


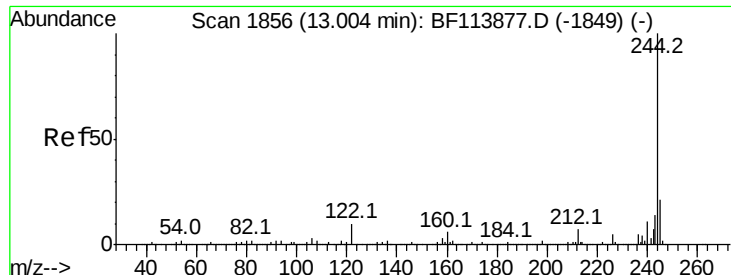
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF113990.D
Acq: 25 Apr 2019 20:54

Tgt Ion:240 Resp: 419099
Ion Ratio Lower Upper
240 100
120 10.7 9.3 13.9
236 26.0 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: 82.259 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113990.D

Acq: 25 Apr 2019 20:54

Instrument :

BNA_F

ClientSampleId :

HW-10

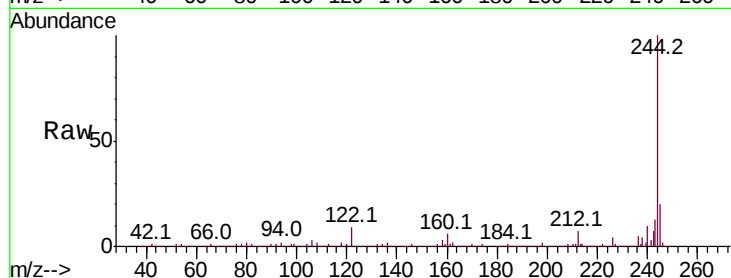
Tot Ion:244 Resp: 1681572

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

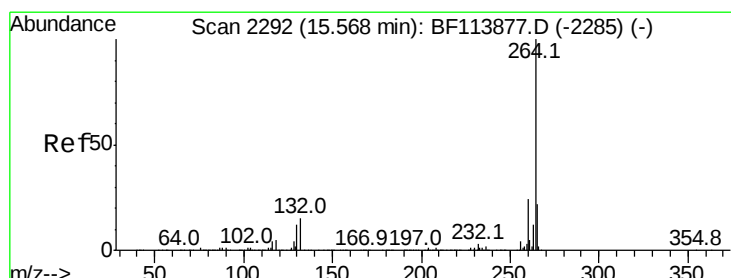
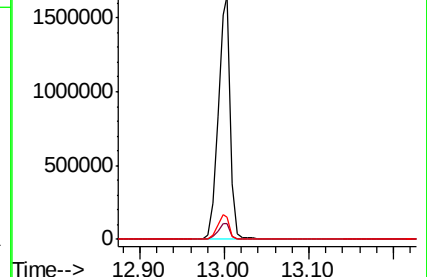
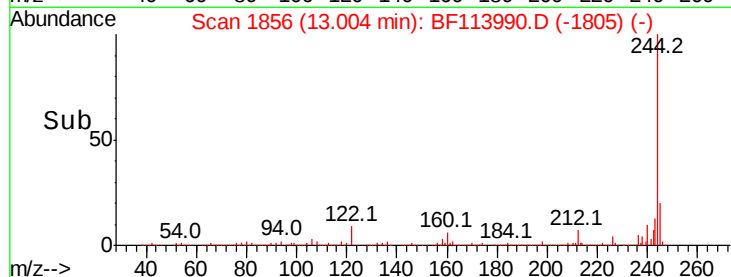
122 8.9 7.6 11.4



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# 2287

Delta R.T. -0.03 min

Lab File: BF113990.D

Acq: 25 Apr 2019 20:54

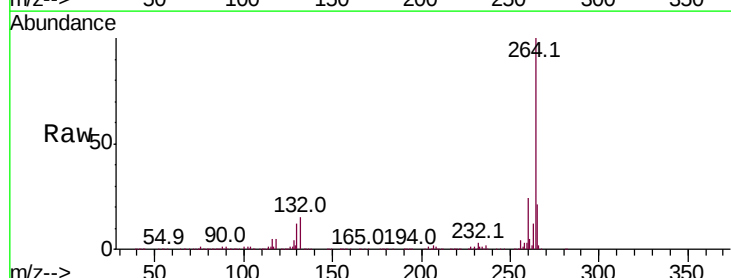
Tgt Ion:264 Resp: 426464

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 20.9 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

