

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101576.D
 Acq On : 20 Dec 2017 19:06
 Operator : SJ/JU
 Sample : I6981-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCS

Quant Time: Dec 21 04:38:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147999	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	603934	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	260889	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	468288	20.00	ng	0.00
75) Chrysene-d12	13.97	240	282648	20.00	ng	0.00
86) Perylene-d12	15.43	264	282504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1058676	106.55	ng	0.02
7) Phenol-d6	6.44	99	1186251	95.93	ng	0.00
23) Nitrobenzene-d5	7.36	82	910141	83.89	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	308941	122.89	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1452322	86.35	ng	0.00
78) Terphenyl-d14	12.90	244	1270429	108.36	ng	0.00

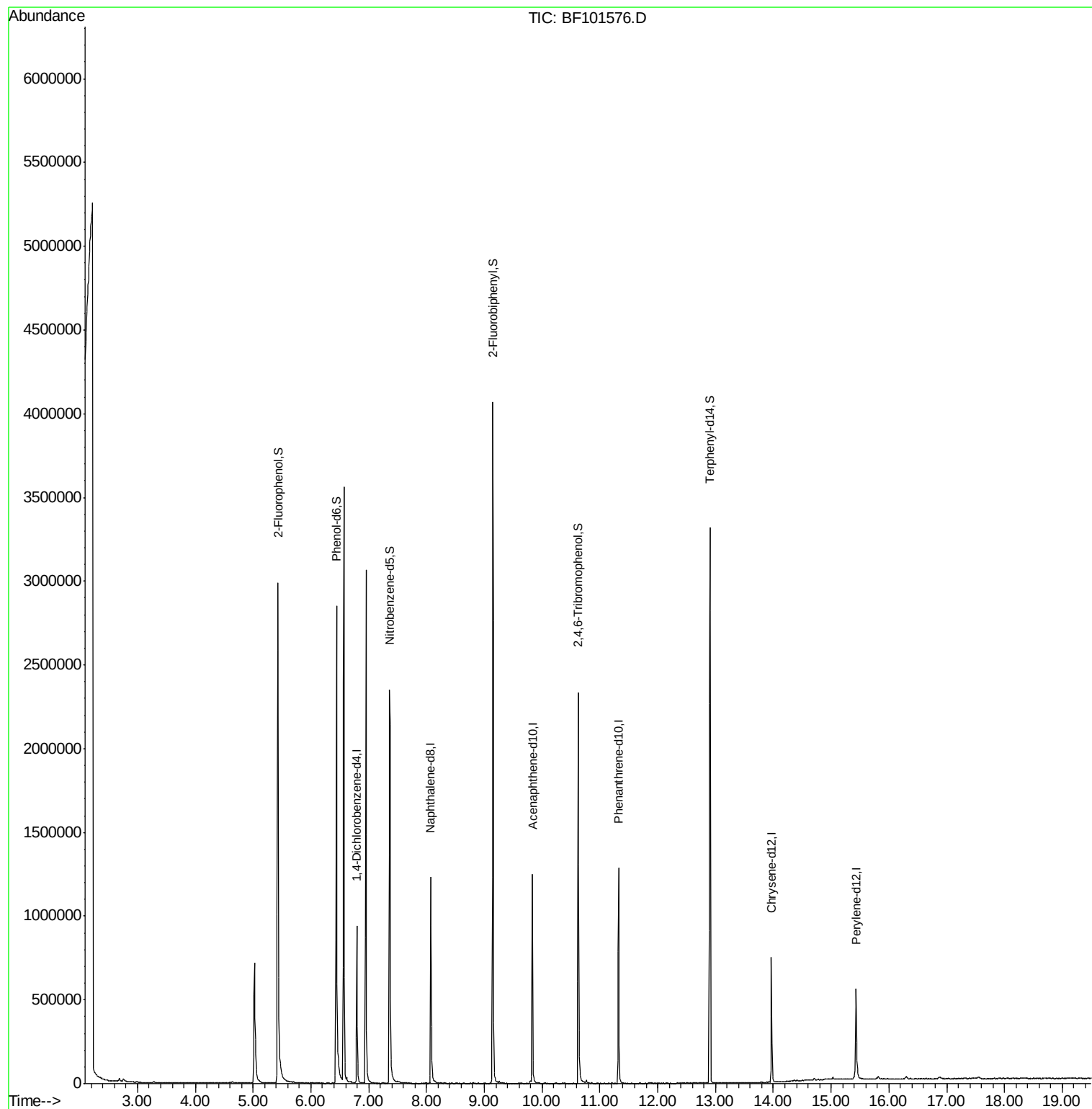
Target Compounds	Qvalue
------------------	--------

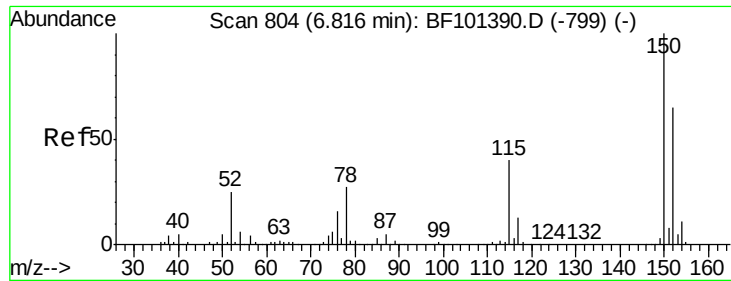
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101576.D
Acq On : 20 Dec 2017 19:06
Operator : SJ/JU
Sample : I6981-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHMHA-WCS

Quant Time: Dec 21 04:38:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

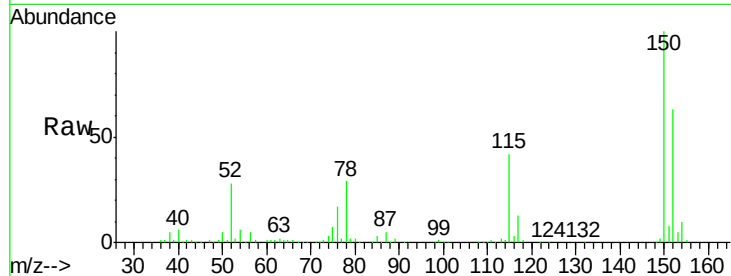




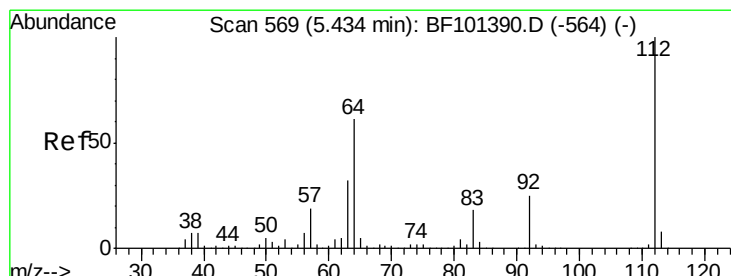
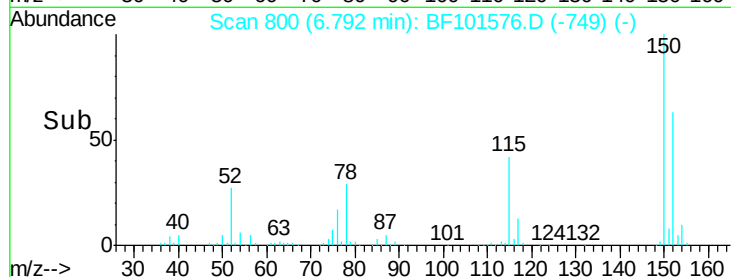
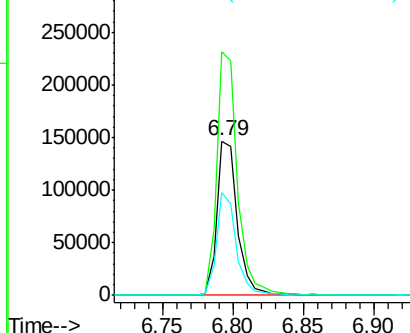
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCS

Tgt Ion:152 Resp: 147999
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 66.2 50.1 75.1

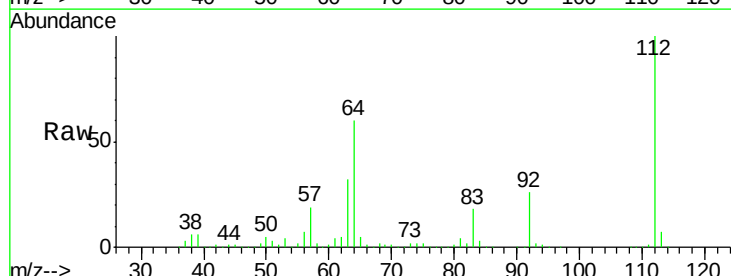


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

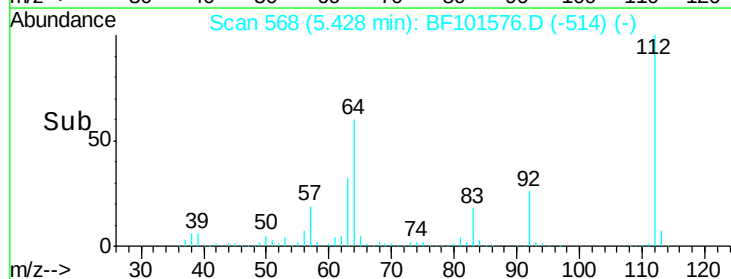
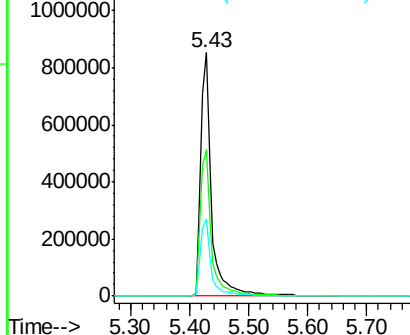


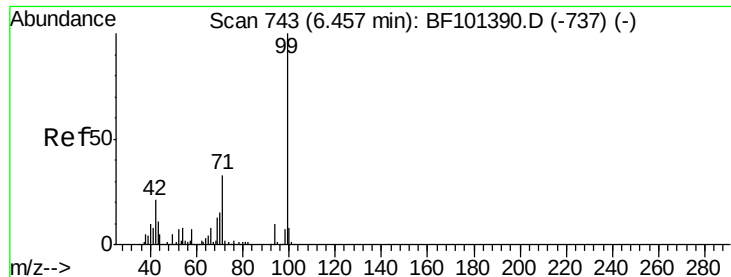
#5
 2-Fluorophenol
 Concen: 106.554 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

Tgt Ion:112 Resp: 1058676
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 31.6 23.7 35.5



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: 95.934 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101576.D

Acq: 20 Dec 2017 19:06

Instrument :

BNA_F

ClientSampleId :

PHMHA-WCS

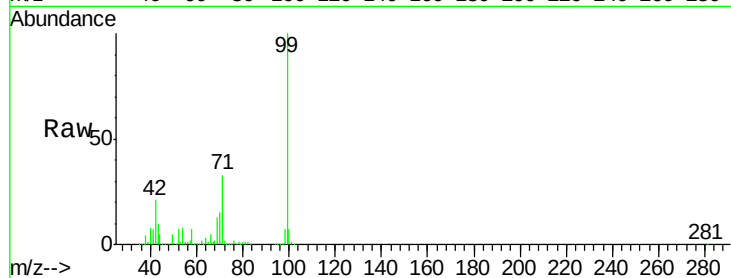
Tgt Ion: 99 Resp: 1186251

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

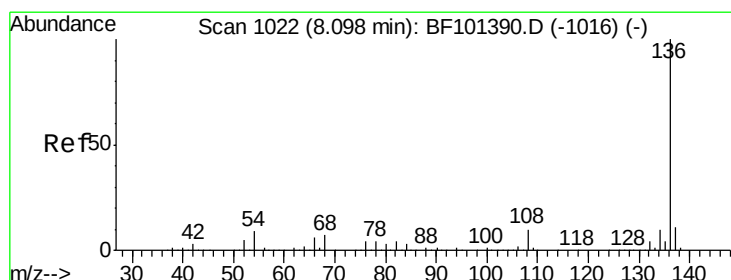
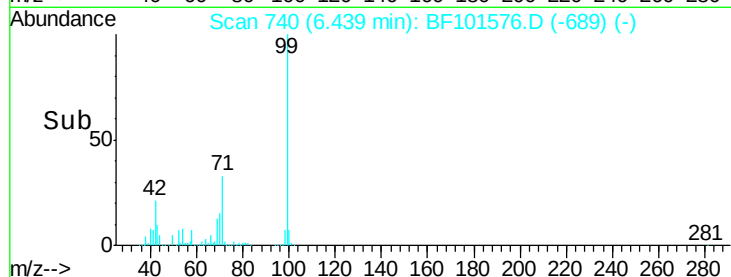
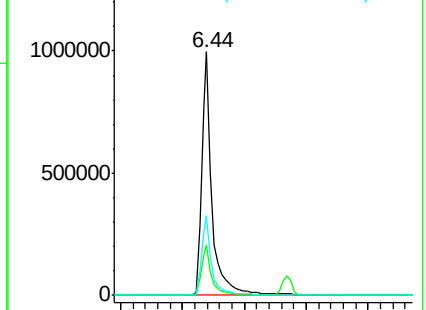
71 32.9 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101576.D

Acq: 20 Dec 2017 19:06

Tgt Ion: 136 Resp: 603934

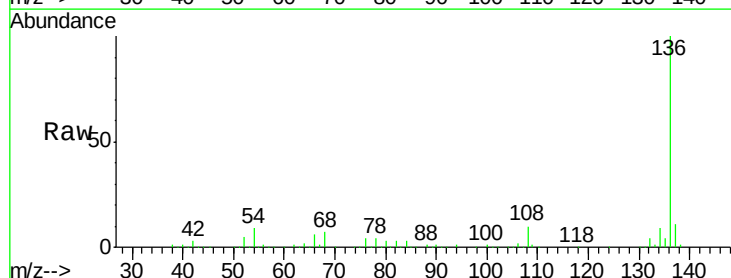
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.4 6.6 9.8

68 6.6 5.0 7.4

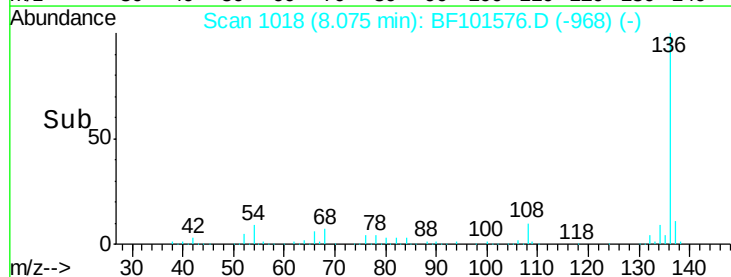
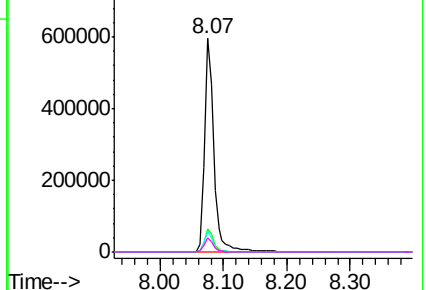


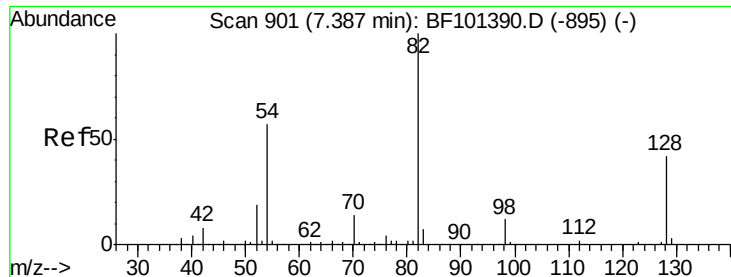
Abundance Ion 136.00 (135.70 to 136.70): E

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

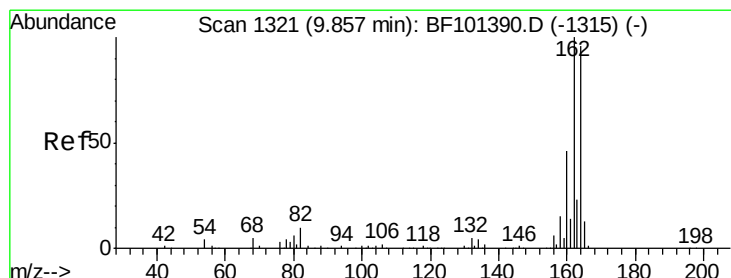
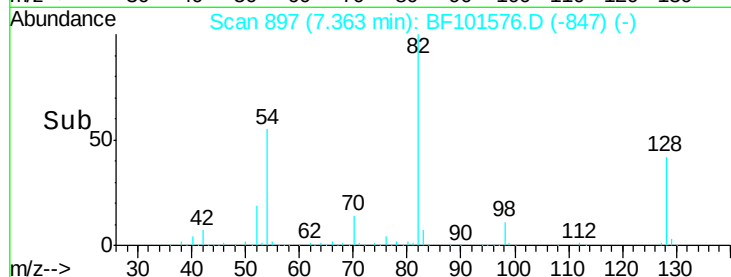
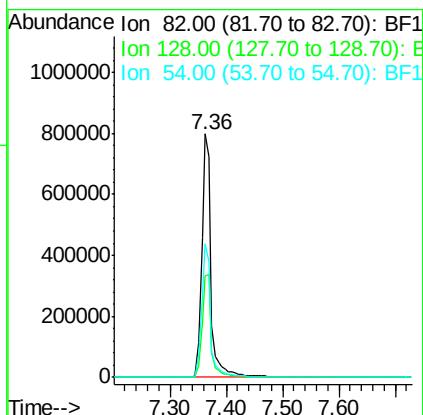
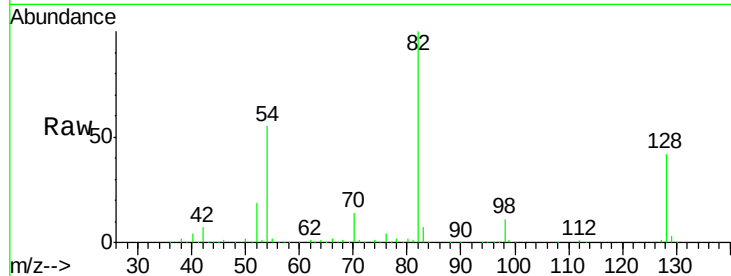




#23
 Nitrobenzene-d5
 Concen: 83.889 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

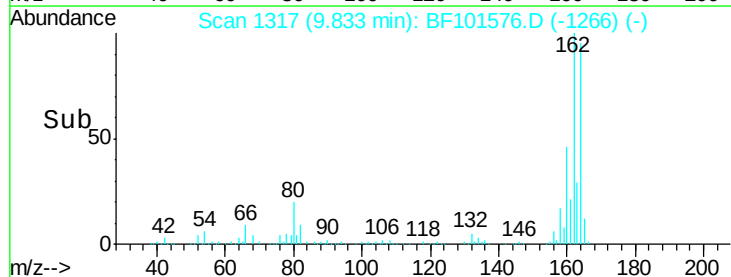
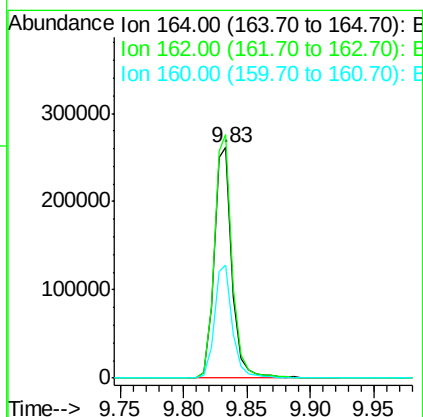
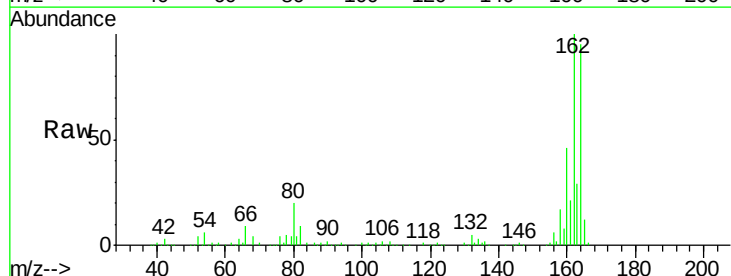
Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCS

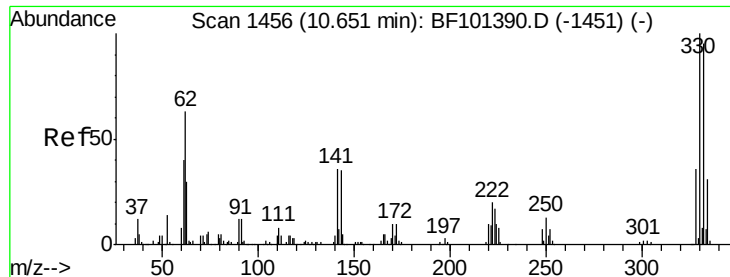
Tgt Ion: 82 Resp: 910141
 Ion Ratio Lower Upper
 82 100
 128 41.6 36.1 54.1
 54 55.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

Tgt Ion: 164 Resp: 260889
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 48.9 38.3 57.5

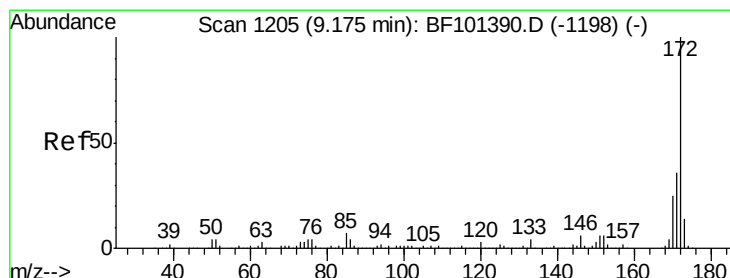
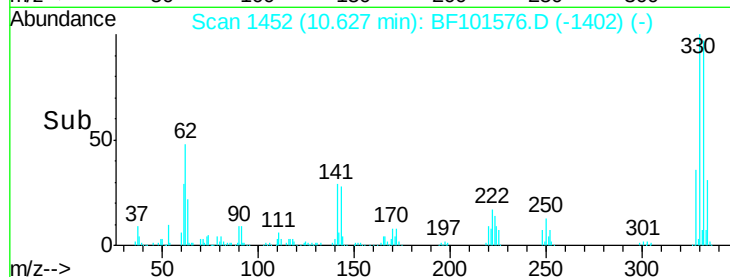
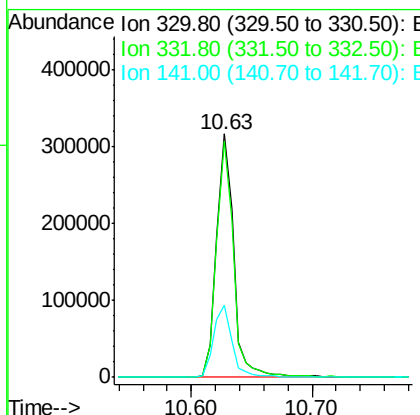
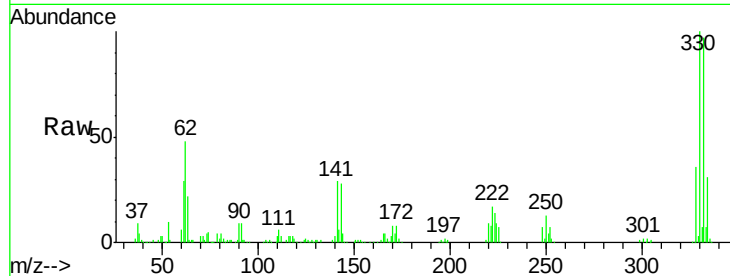




#41
 2,4,6-Tribromophenol
 Concen: 122.895 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

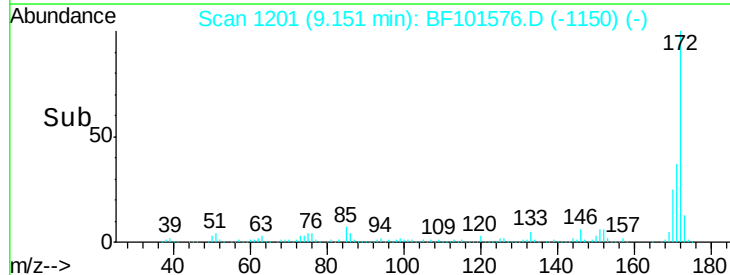
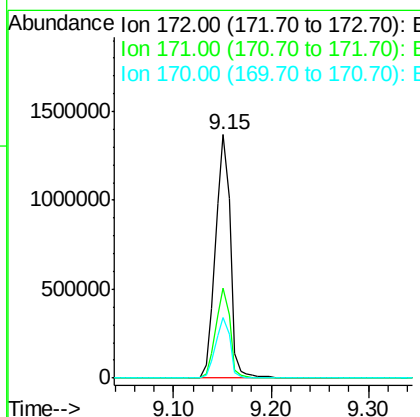
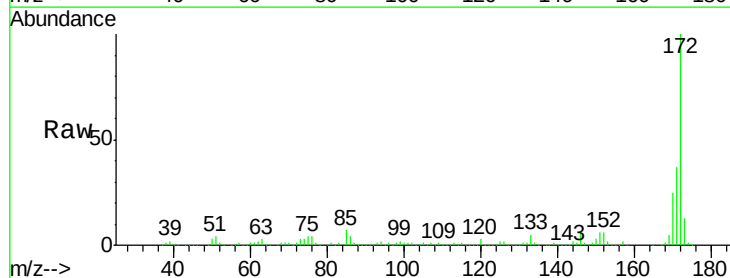
Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCS

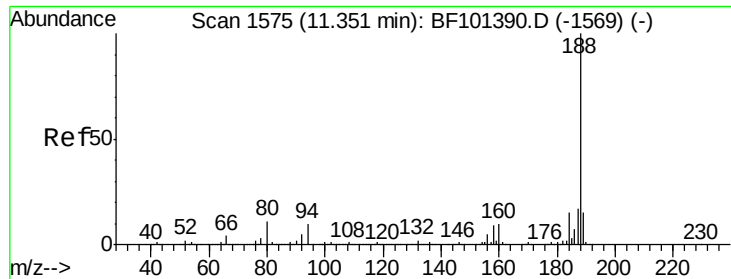
Tgt Ion:330 Resp: 308941
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 32.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 86.355 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101576.D
 Acq: 20 Dec 2017 19:06

Tgt Ion:172 Resp: 1452322
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.8 19.6 29.4

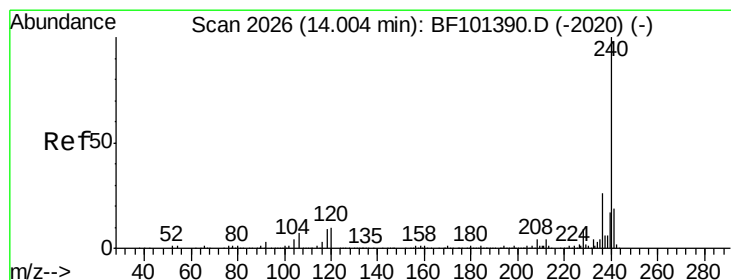
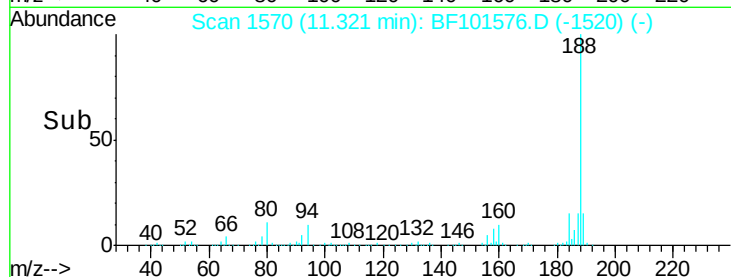
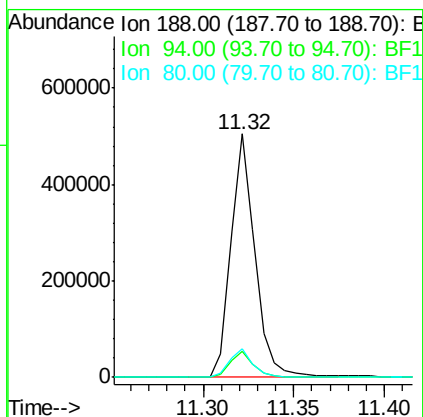
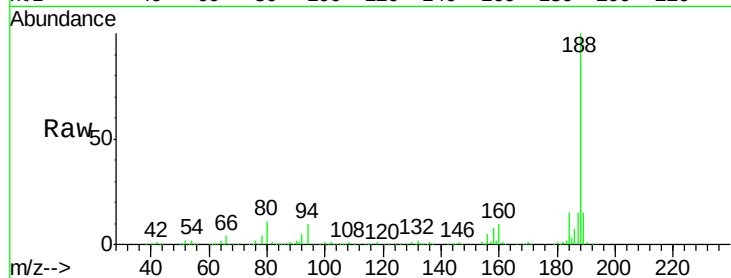




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101576.D
Acq: 20 Dec 2017 19:06

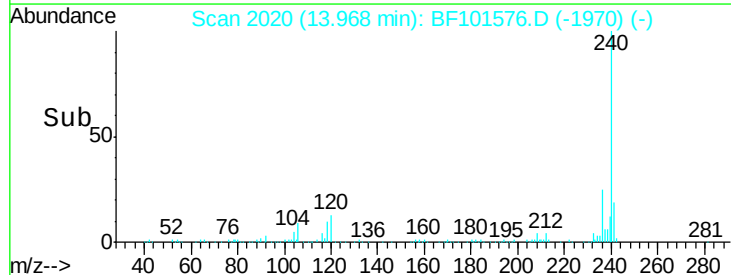
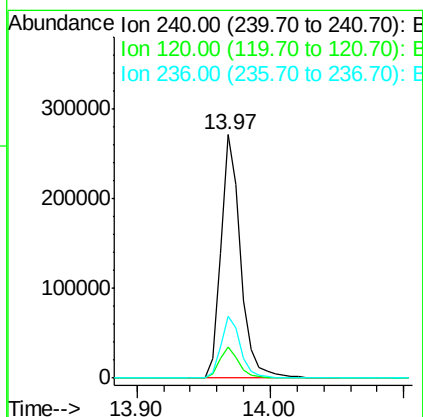
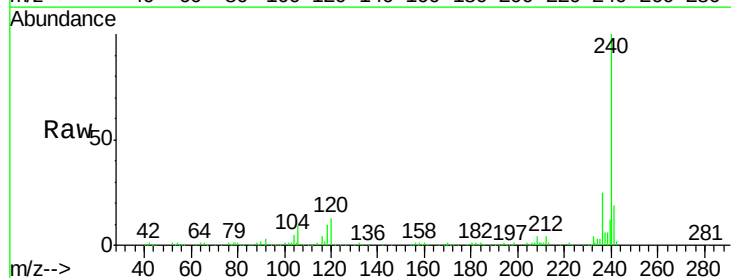
Instrument :
BNA_F
ClientSampleId :
PHMHA-WCS

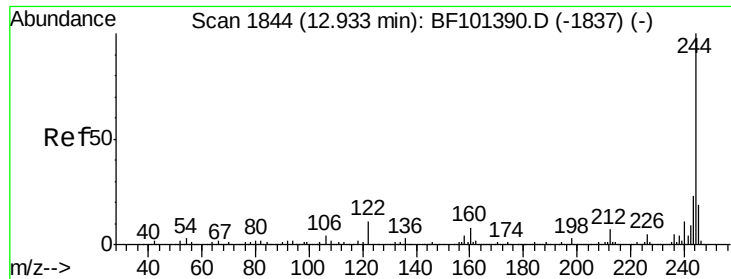
Tgt Ion:188 Resp: 468288
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101576.D
Acq: 20 Dec 2017 19:06

Tgt Ion:240 Resp: 282648
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 108.358 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101576.D

Acq: 20 Dec 2017 19:06

Instrument :

BNA_F

ClientSampleId :

PHMHA-WCS

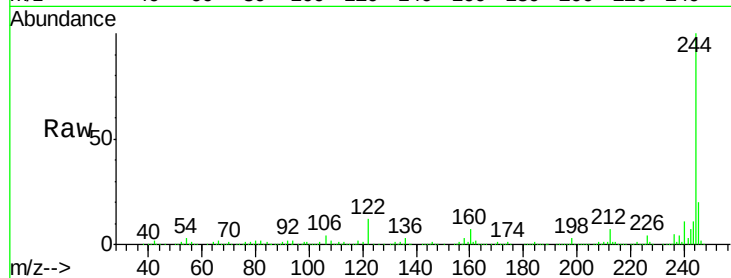
Tgt Ion:244 Resp: 1270429

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

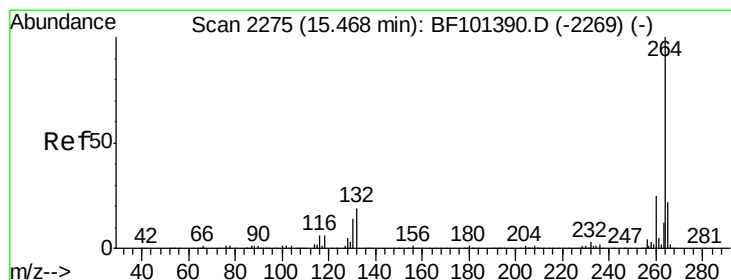
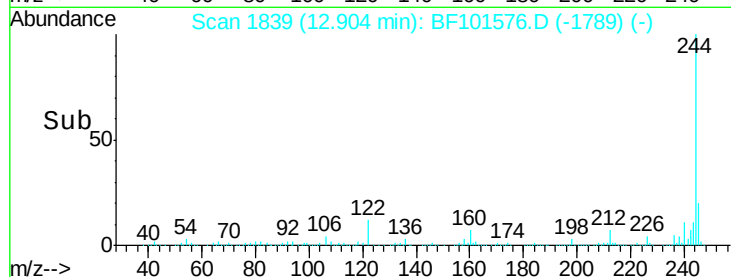
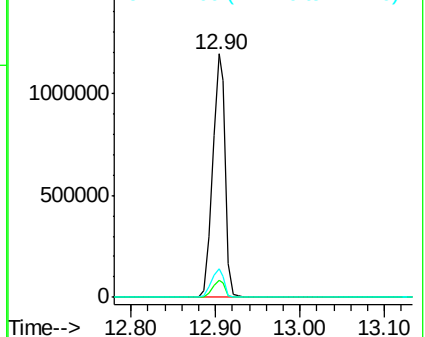
122 11.9 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101576.D

Acq: 20 Dec 2017 19:06

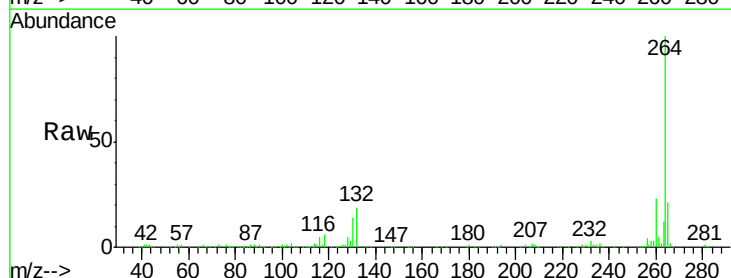
Tgt Ion:264 Resp: 282504

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.3 17.5 26.3



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

