

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092332.D
 Acq On : 17 Jan 2017 22:52
 Operator : UM/SJ
 Sample : I1242-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: Jan 18 00:53:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	216255	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	794590	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	407530	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	682794	20.00	ng	0.00
75) Chrysene-d12	13.69	240	498732	20.00	ng	-0.01
86) Perylene-d12	15.05	264	356631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	806876	62.30	ng	0.00
7) Phenol-d6	6.22	99	555341	35.12	ng	0.00
23) Nitrobenzene-d5	7.12	82	1380342	96.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	489717	145.20	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	2271426	119.42	ng	0.00
78) Terphenyl-d14	12.66	244	1951514	94.90	ng	0.01

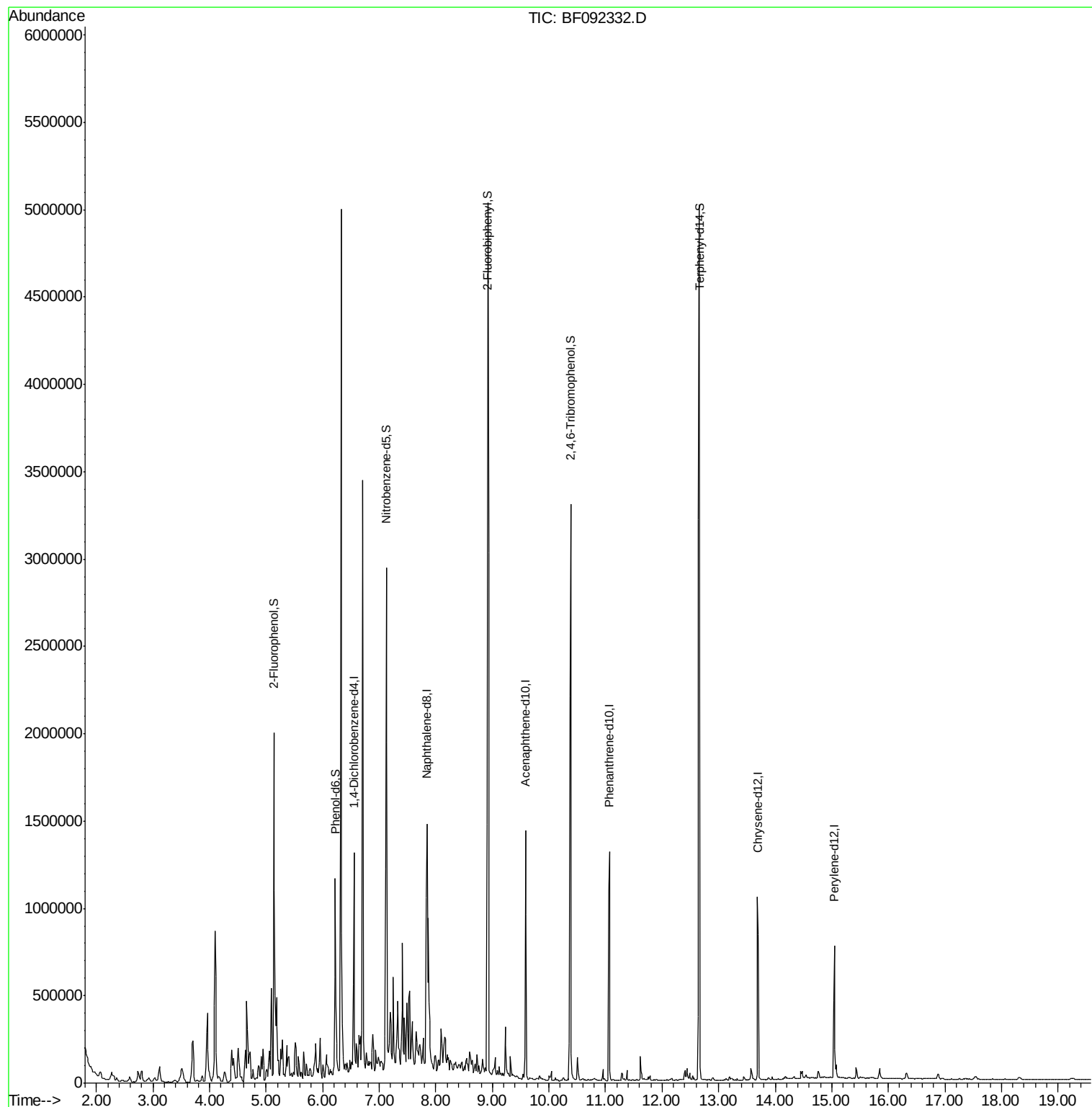
Target Compounds Qvalue

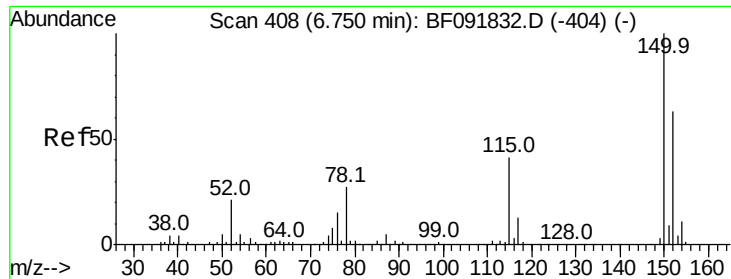
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092332.D
Acq On : 17 Jan 2017 22:52
Operator : UM/SJ
Sample : I1242-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-19

Quant Time: Jan 18 00:53:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:11:54 2017
Response via : Initial Calibration



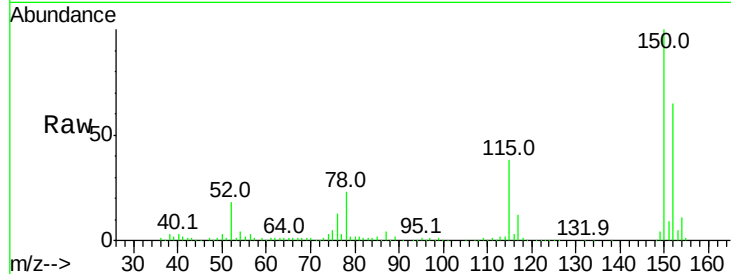


#1

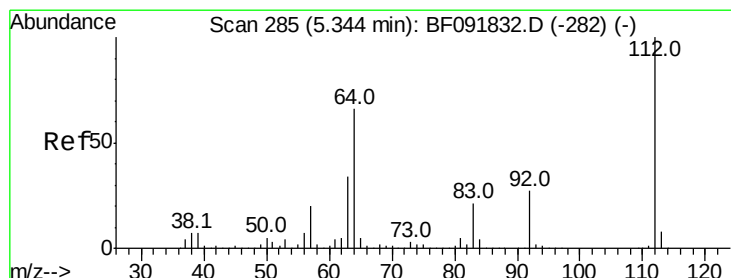
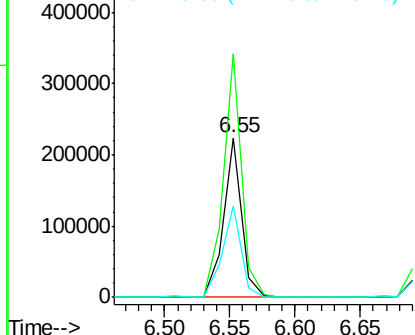
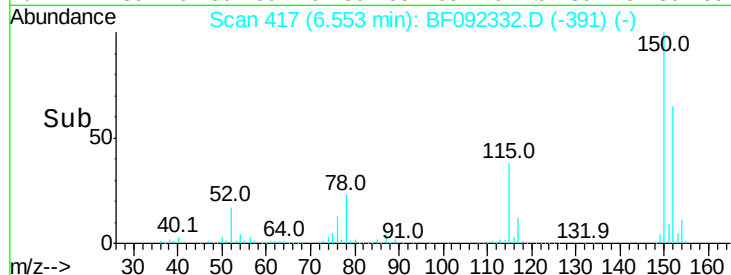
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF092332.D
Acq: 17 Jan 2017 22:52

Instrument :
BNA_F
ClientSampled :
W-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.9	187.3
115	57.6	46.0	69.0



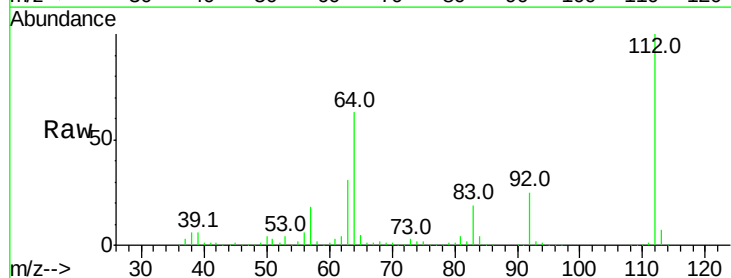
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



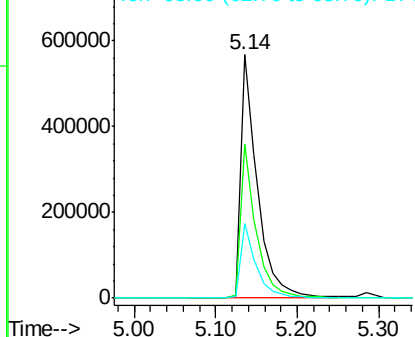
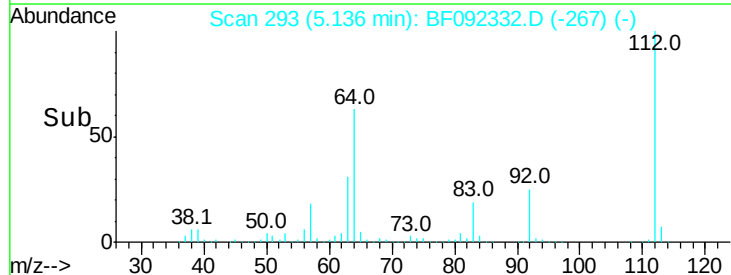
#5

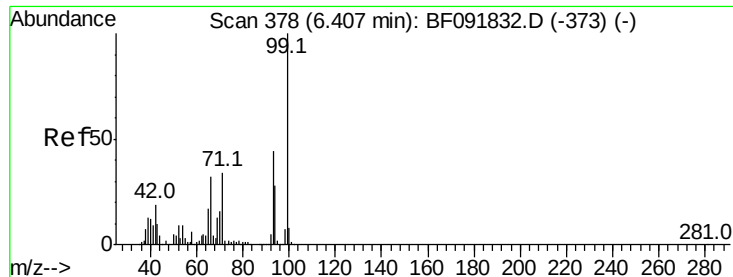
2-Fluorophenol
Concen: 62.30 ng
RT: 5.14 min Scan# 293
Delta R.T. -0.00 min
Lab File: BF092332.D
Acq: 17 Jan 2017 22:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	46.1	69.1
63	30.7	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.12 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

Instrument :

BNA_F

ClientSampleId :

W-19

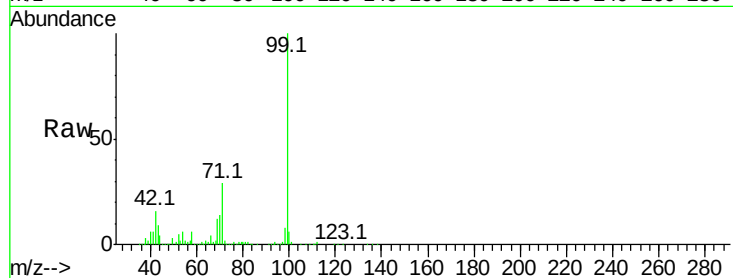
Tot Ion: 99 Resp: 555341

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

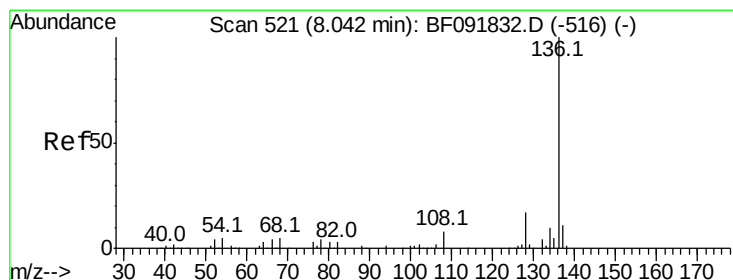
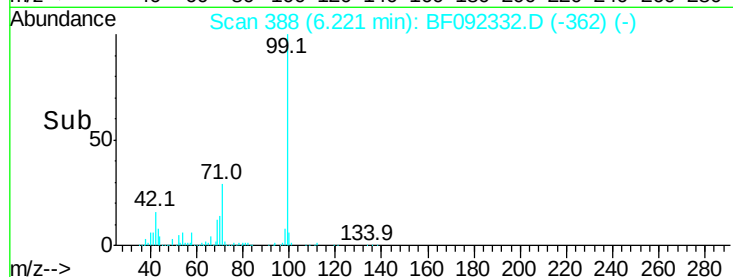
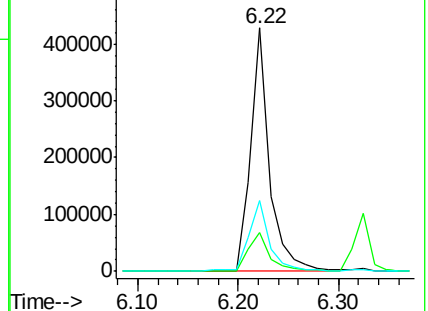
71 29.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

Tgt Ion: 136 Resp: 794590

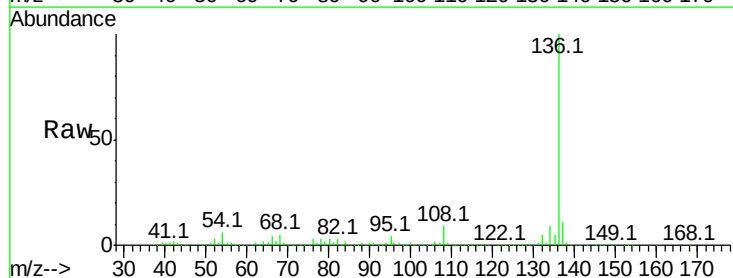
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.4 4.5 6.7

68 5.1 3.6 5.4

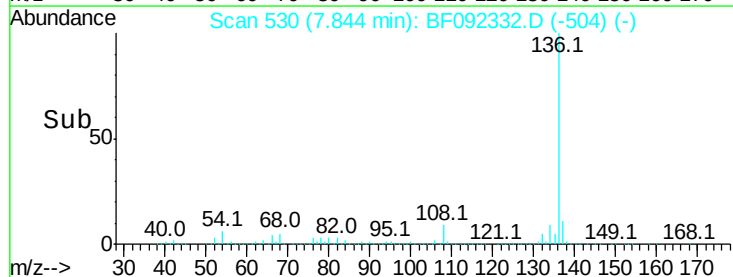
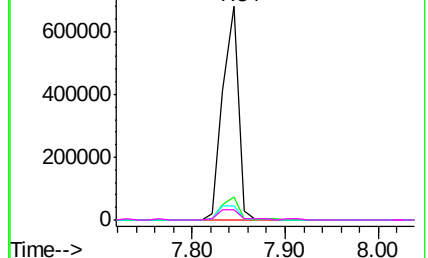


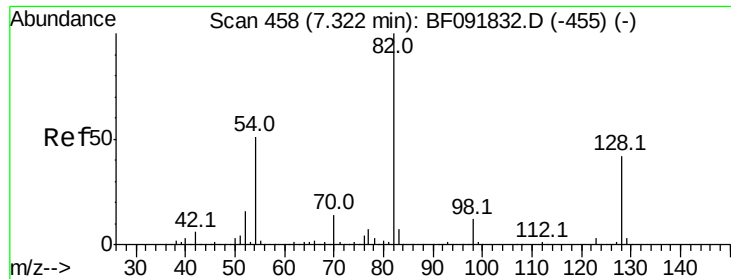
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



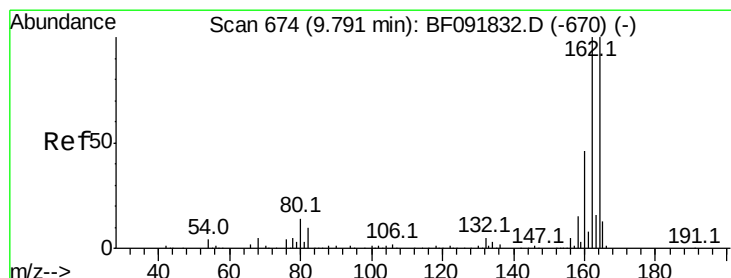
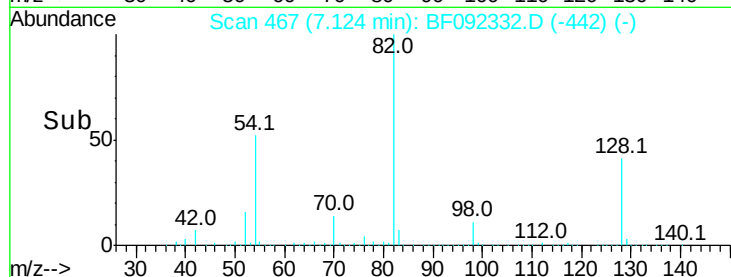
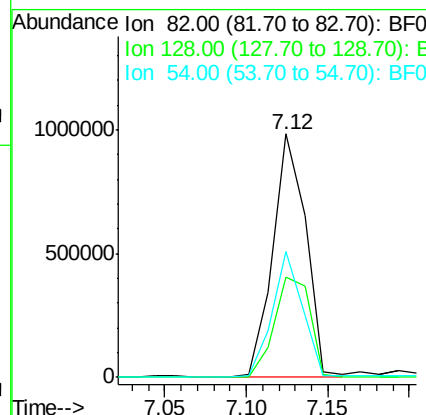
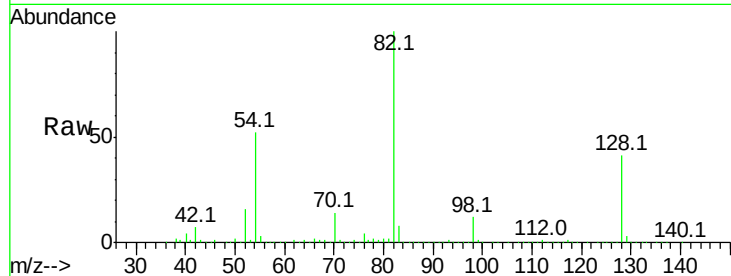


#23
 Nitrobenzene-d5
 Concen: 96.60 ng
 RT: 7.12 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092332.D
 Acq: 17 Jan 2017 22:52

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion: 82 Resp: 1380342

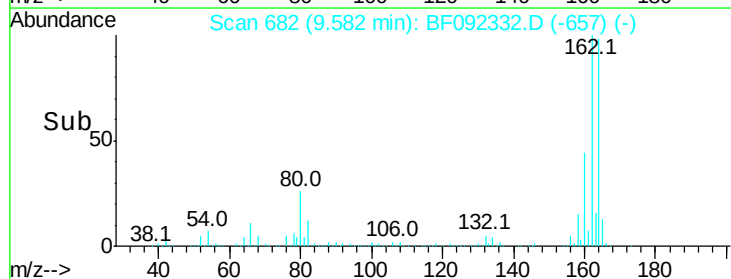
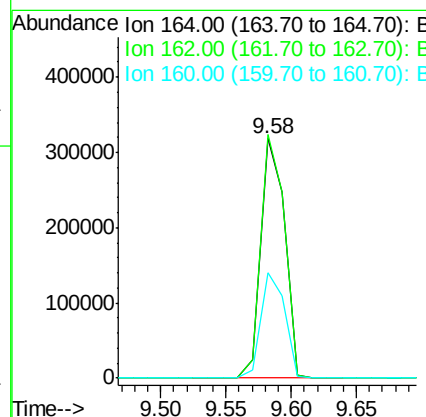
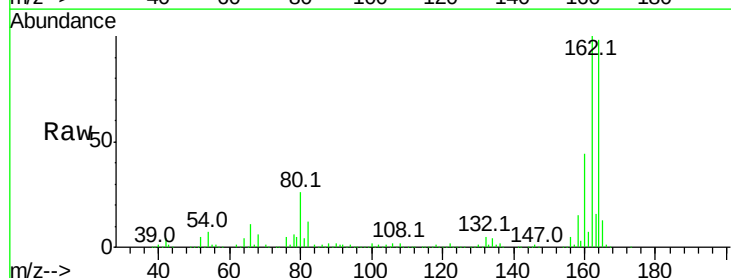
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	51.8	39.5	59.3

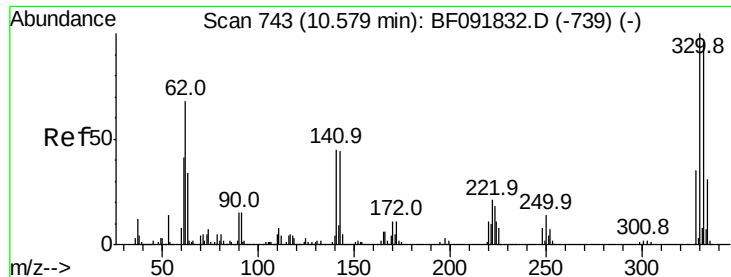


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF092332.D
 Acq: 17 Jan 2017 22:52

Tgt Ion:164 Resp: 407530

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	44.3	36.9	55.3

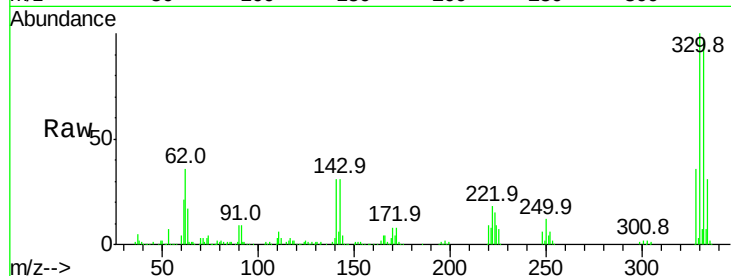




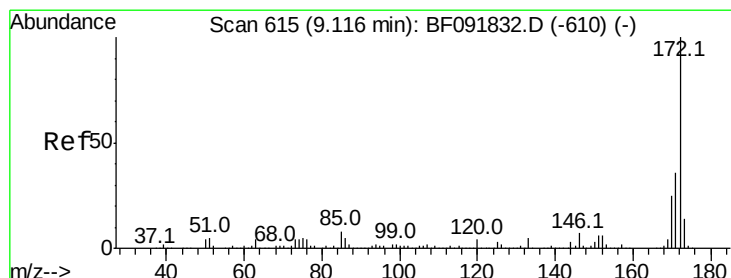
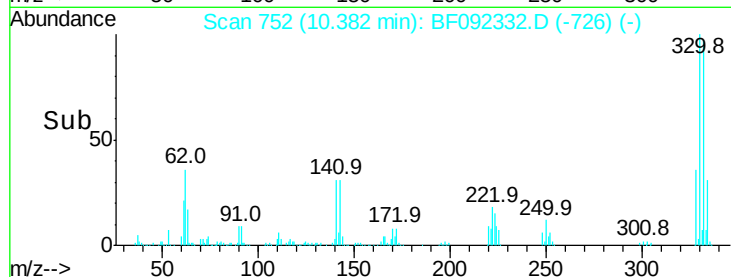
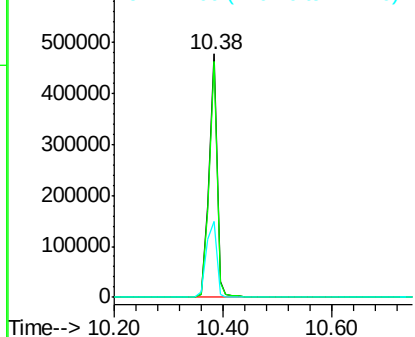
#41
 2,4,6-Tribromophenol
 Concen: 145.20 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF092332.D
 Acq: 17 Jan 2017 22:52

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion:330 Resp: 489717
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 40.2 34.1 51.1

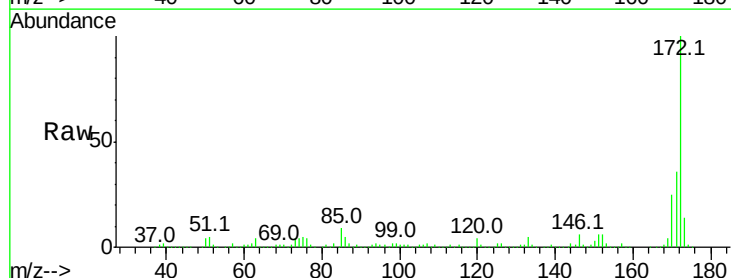


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

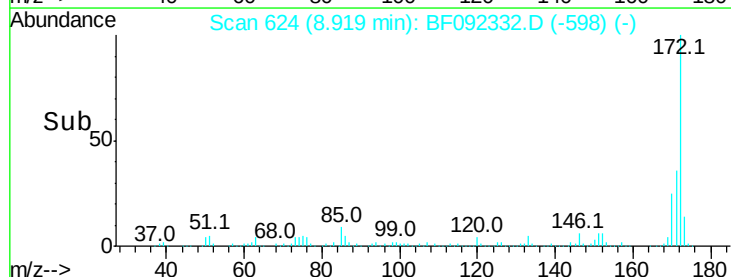
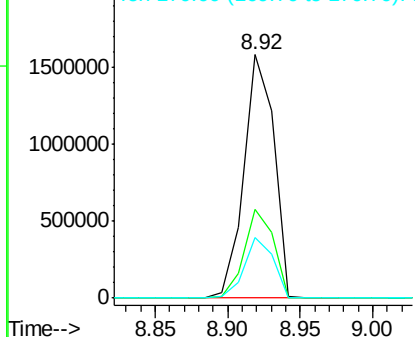


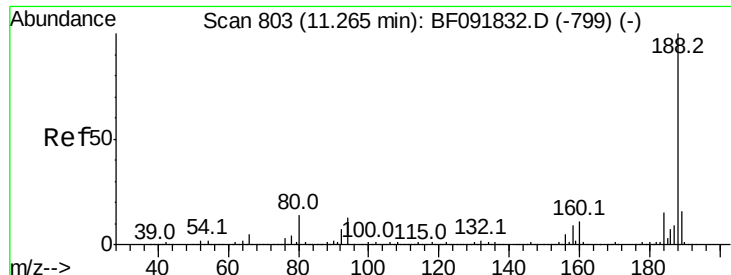
#44
 2-Fluorobiphenyl
 Concen: 119.42 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092332.D
 Acq: 17 Jan 2017 22:52

Tgt Ion:172 Resp: 2271426
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.8 20.2 30.4



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

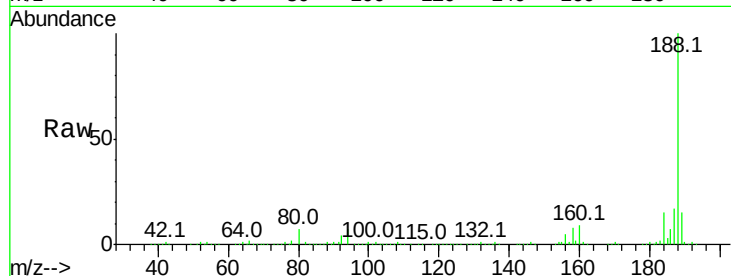




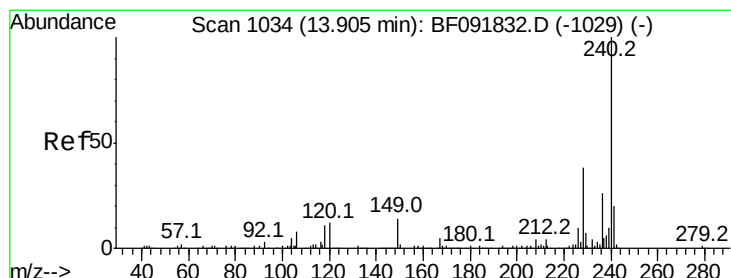
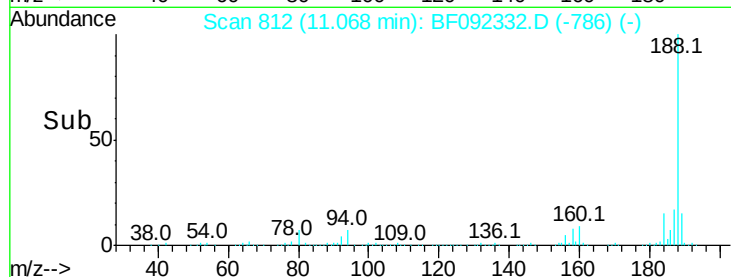
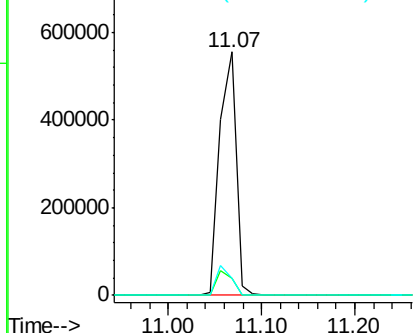
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF092332.D
Acq: 17 Jan 2017 22:52

Instrument :
BNA_F
ClientSampleId :
W-19

Tot Ion:188 Resp: 682794
Ion Ratio Lower Upper
188 100
94 6.9 10.0 15.0#
80 7.2 11.2 16.8#

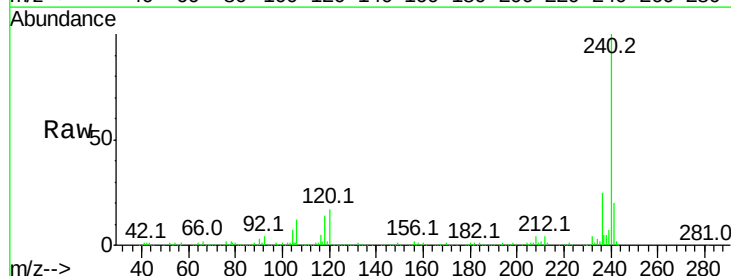


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

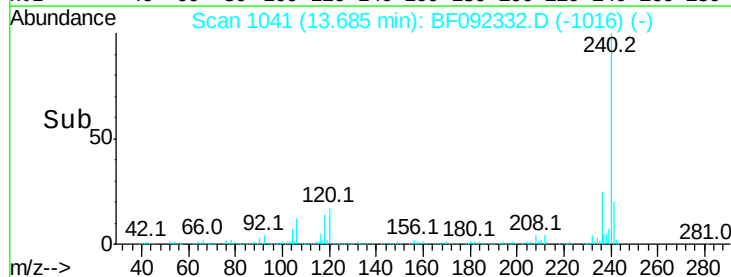
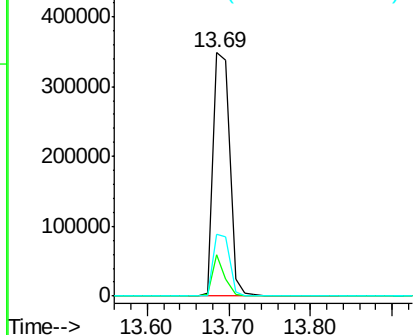


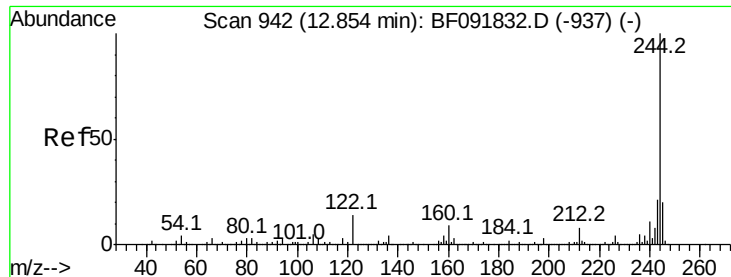
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092332.D
Acq: 17 Jan 2017 22:52

Tgt Ion:240 Resp: 498732
Ion Ratio Lower Upper
240 100
120 16.9 12.9 19.3
236 25.3 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





#78

Terphenyl-d14

Concen: 94.90 ng

RT: 12.66 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

Instrument :

BNA_F

ClientSampleId :

W-19

Tot Ion:244 Resp: 1951514

Ion Ratio Lower Upper

244 100

212 7.2

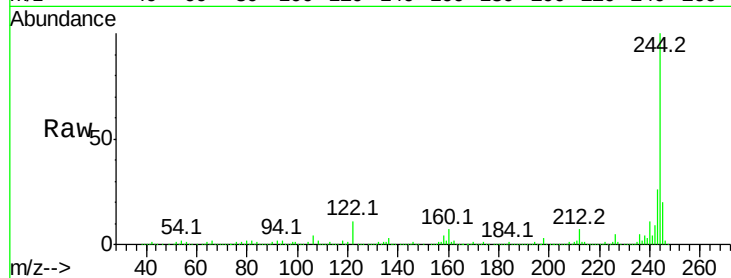
6.2

9.2

122 10.7

11.4

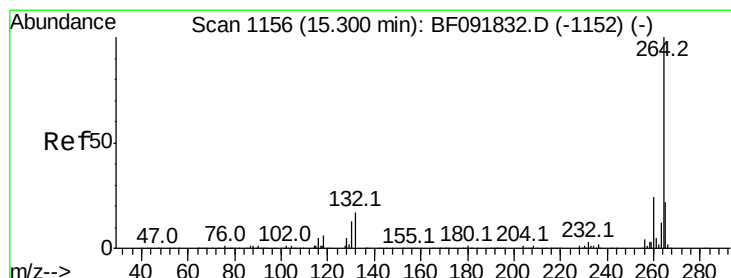
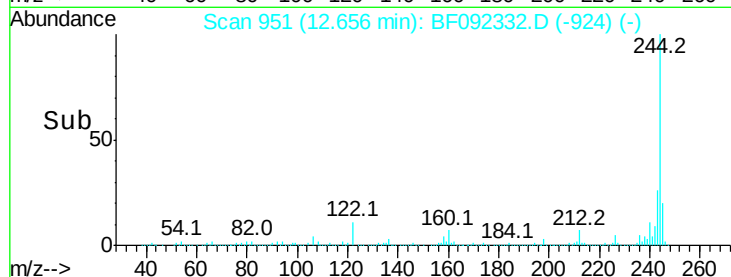
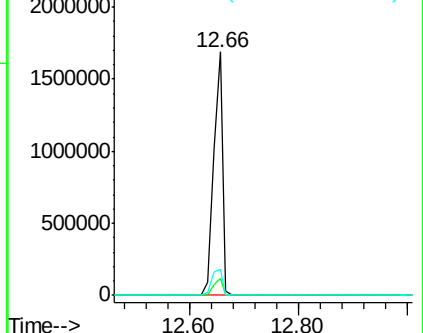
17.2#



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: 20.00 ng

RT: 15.05 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

Tgt Ion:264 Resp: 356631

Ion Ratio Lower Upper

264 100

260 23.7

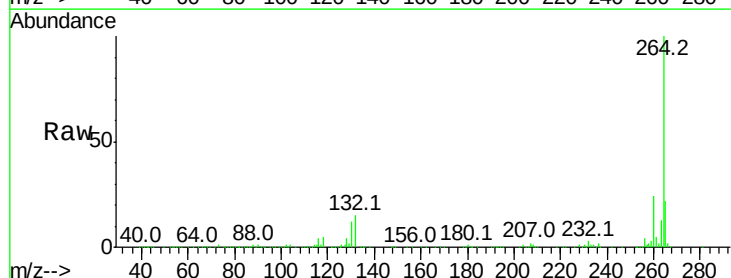
19.2

28.8

265 22.0

17.4

26.0



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

