

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092293.D
 Acq On : 16 Jan 2017 19:03
 Operator : UM/SJ
 Sample : I1196-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Quant Time: Jan 17 01:24:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	216200	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	849196	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	495295	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	849886	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	755997	20.00	ng	-0.01
86) Perylene-d12	15.05	264	589385	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	962963	74.37	ng	0.00
7) Phenol-d6	6.22	99	797618	50.45	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1454366	95.23	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	609990	148.82	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2445126	104.04	ng	0.00
78) Terphenyl-d14	12.66	244	2534906	81.32	ng	0.00

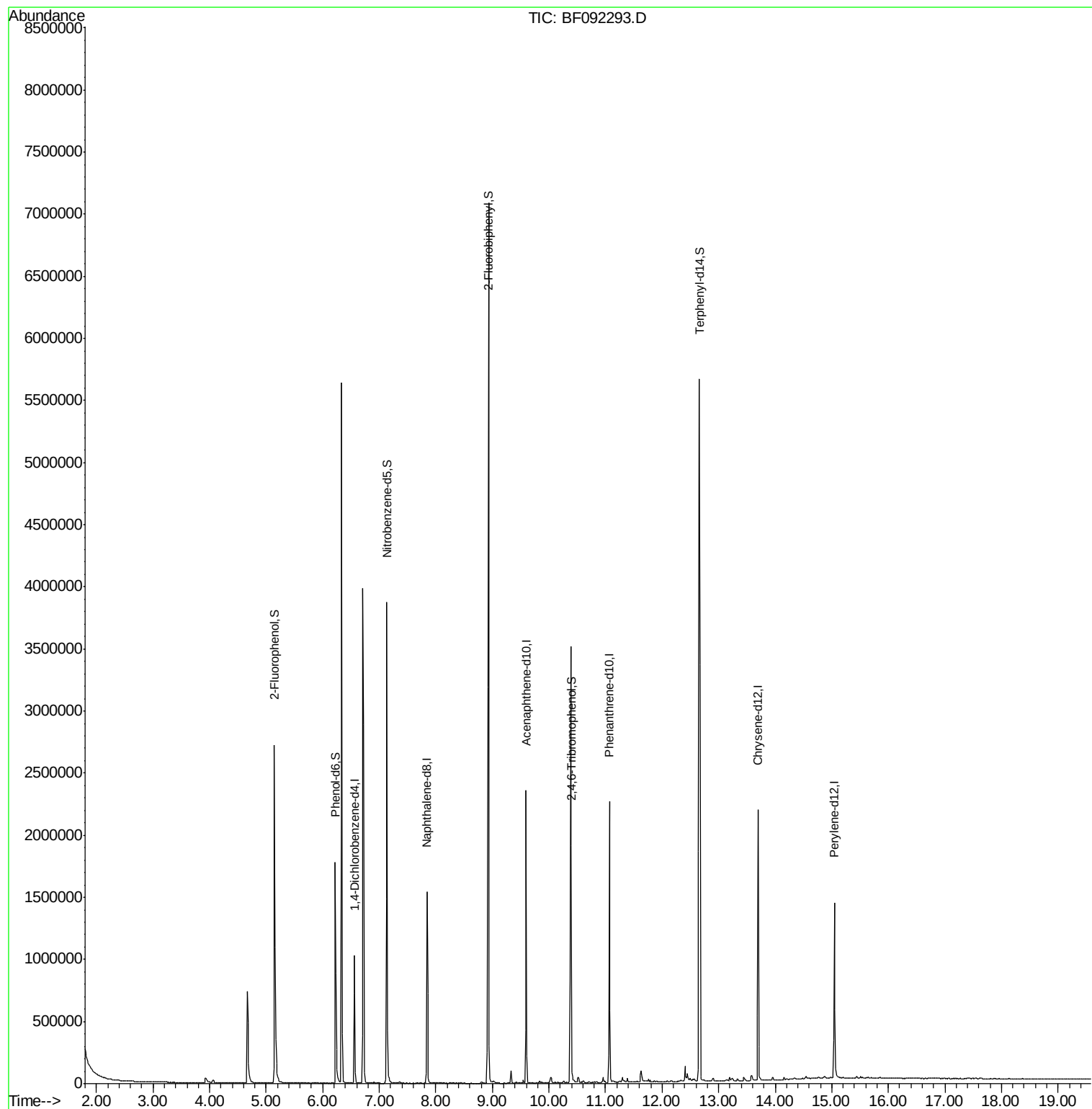
Target Compounds Qvalue

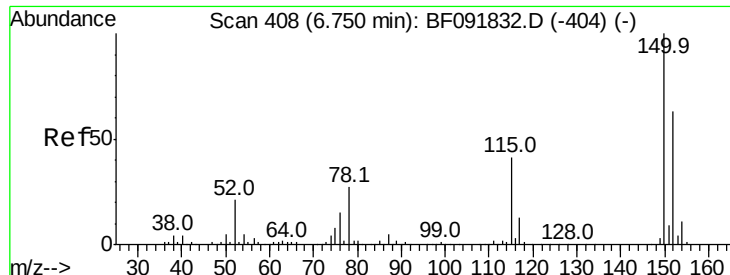
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092293.D
Acq On : 16 Jan 2017 19:03
Operator : UM/SJ
Sample : I1196-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-29

Quant Time: Jan 17 01:24:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092293.D

Acq: 16 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

W-29

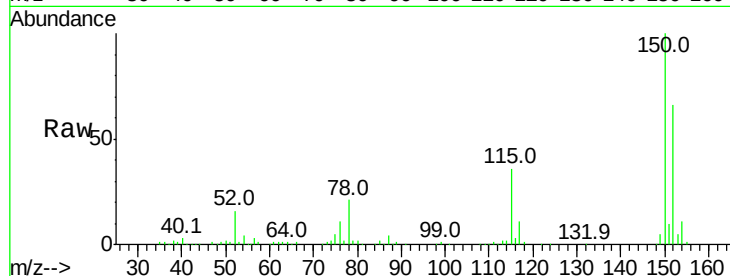
Tot Ion:152 Resp: 216200

Ion Ratio Lower Upper

152 100

150 152.5 124.9 187.3

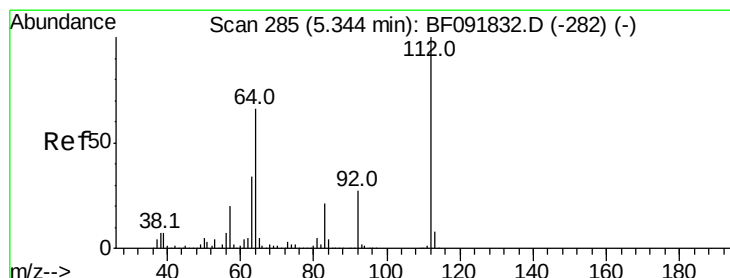
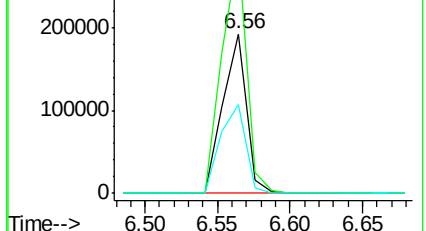
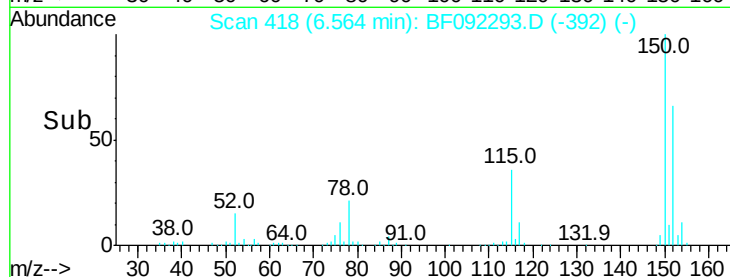
115 55.6 46.0 69.0



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: 74.37 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF092293.D

Acq: 16 Jan 2017 19:03

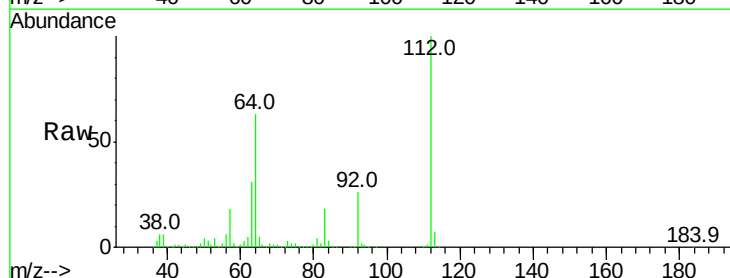
Tgt Ion:112 Resp: 962963

Ion Ratio Lower Upper

112 100

64 63.1 46.1 69.1

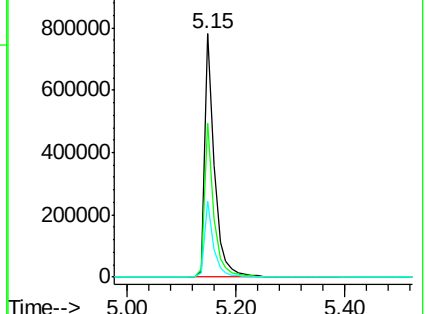
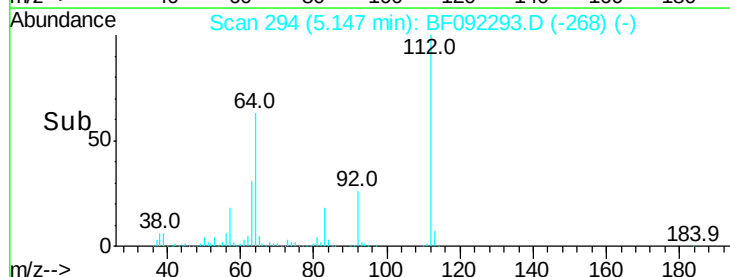
63 31.0 23.8 35.6

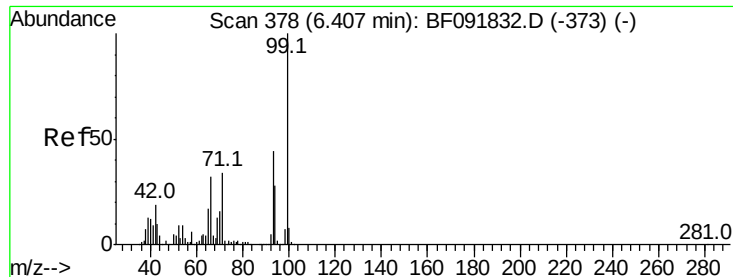


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.45 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092293.D

Acq: 16 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

W-29

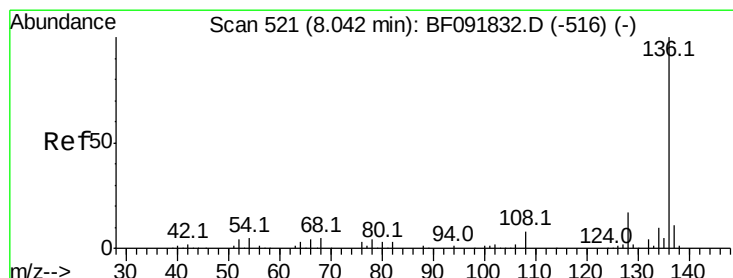
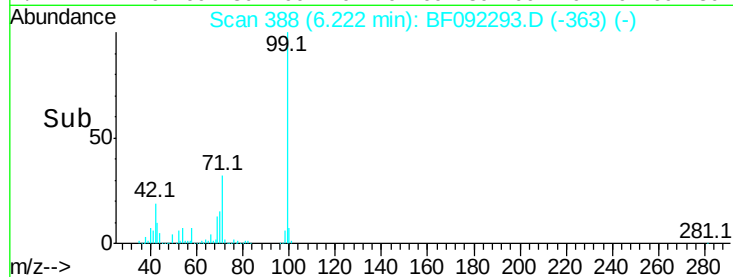
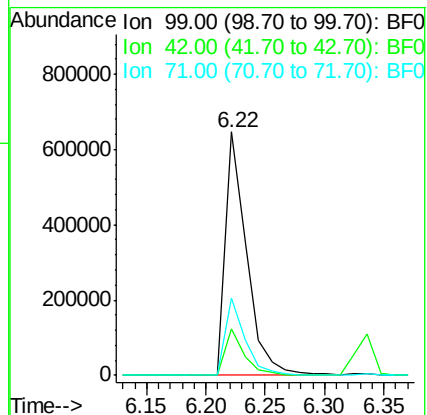
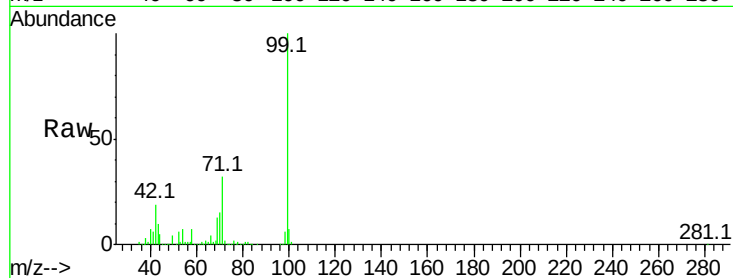
Tot Ion: 99 Resp: 797618

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

71 31.5 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092293.D

Acq: 16 Jan 2017 19:03

Tgt Ion: 136 Resp: 849196

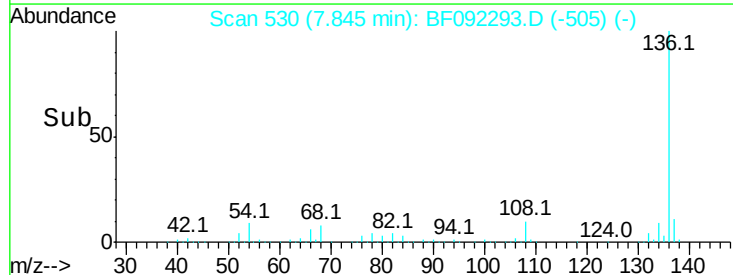
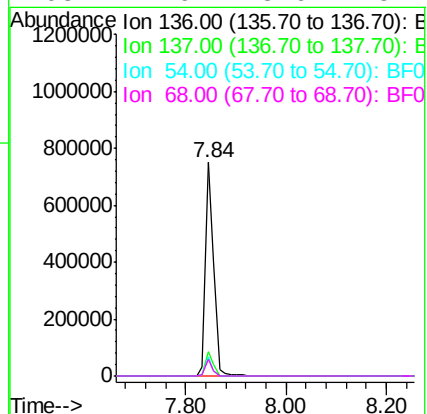
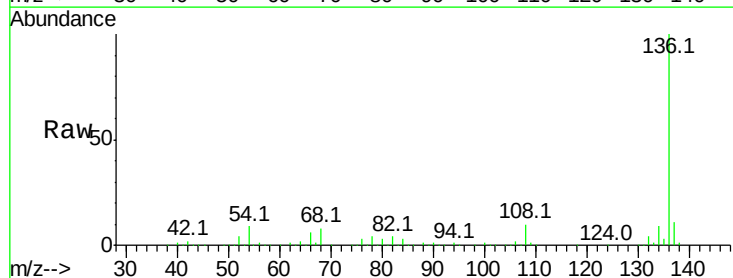
Ion Ratio Lower Upper

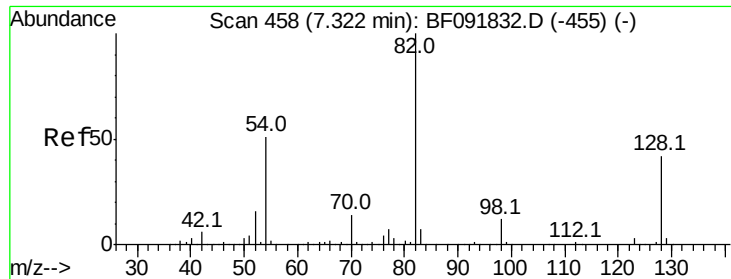
136 100

137 11.4 8.4 12.6

54 9.2 4.5 6.7#

68 7.6 3.6 5.4#



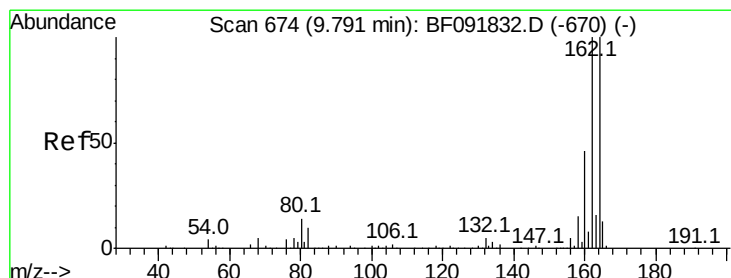
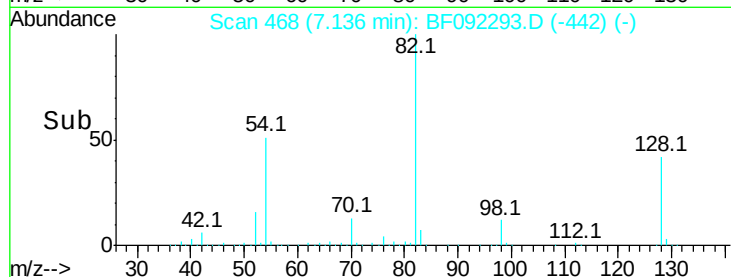
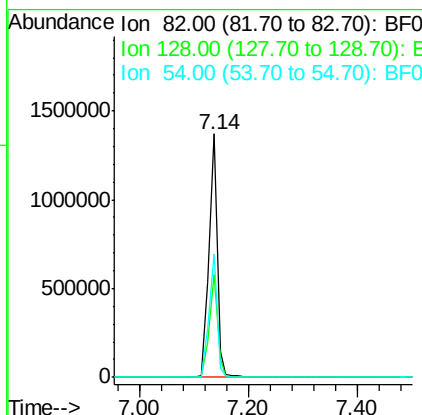
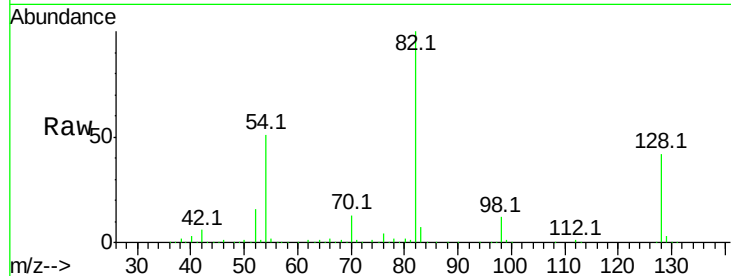


#23
 Nitrobenzene-d5
 Concen: 95.23 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092293.D
 Acq: 16 Jan 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Tot Ion: 82 Resp: 1454366

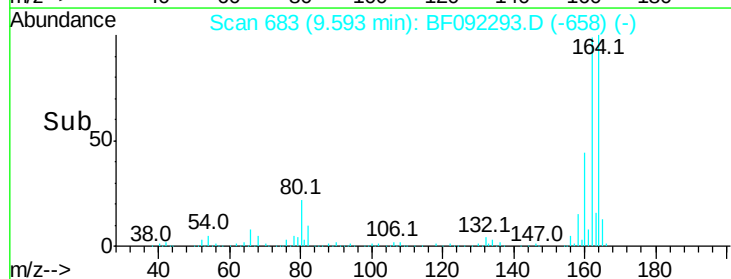
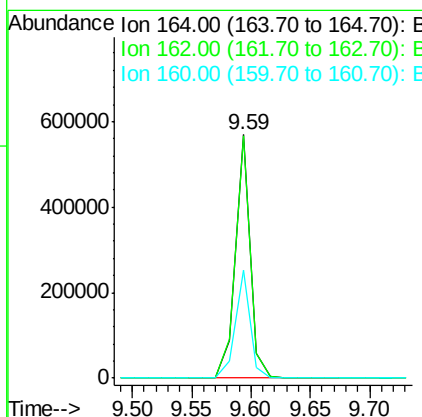
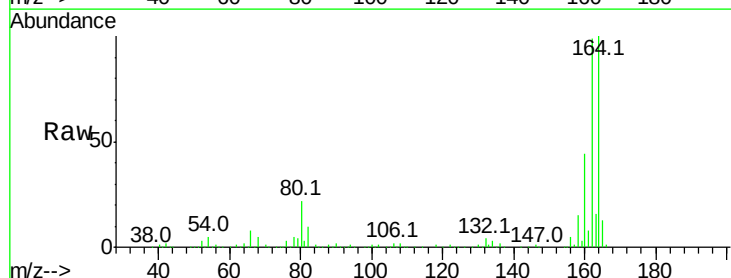
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	50.6	39.5	59.3

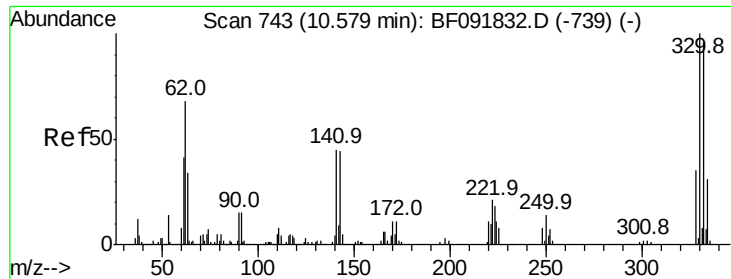


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092293.D
 Acq: 16 Jan 2017 19:03

Tgt Ion:164 Resp: 495295

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.2
160	44.5	36.9	55.3

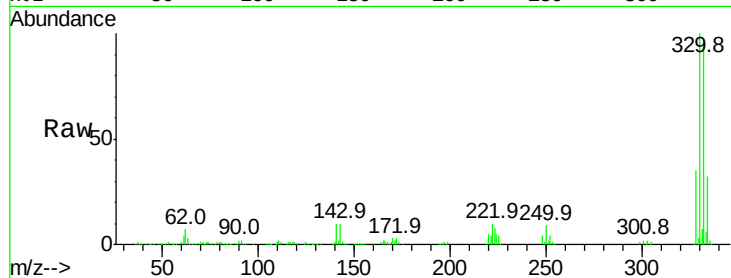




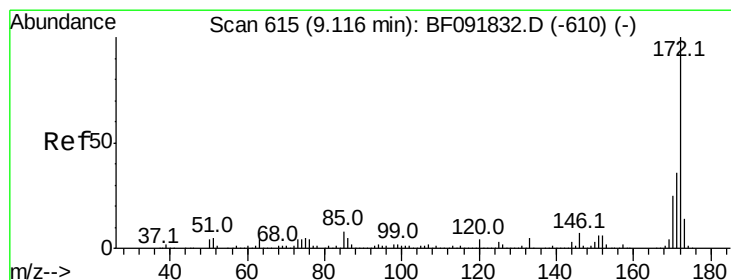
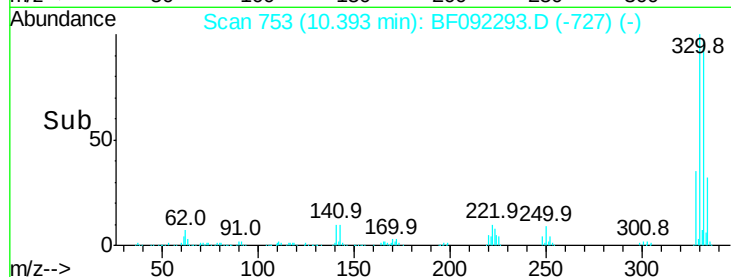
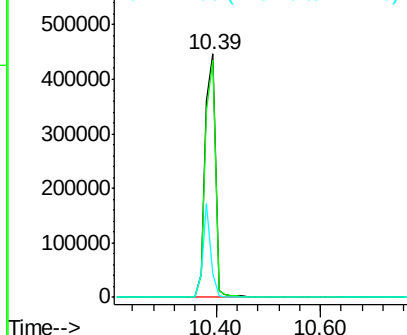
#41
 2,4,6-Tribromophenol
 Concen: 148.82 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092293.D
 Acq: 16 Jan 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Tot Ion:330 Resp: 609990
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 30.2 34.1 51.1#

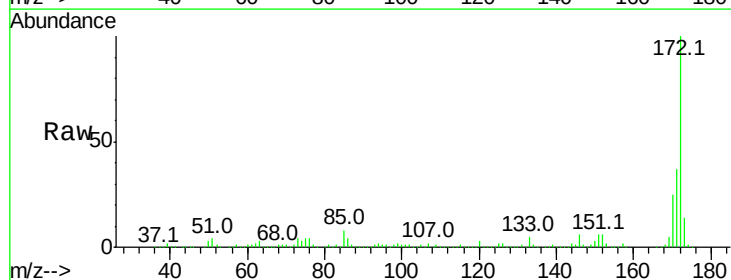


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

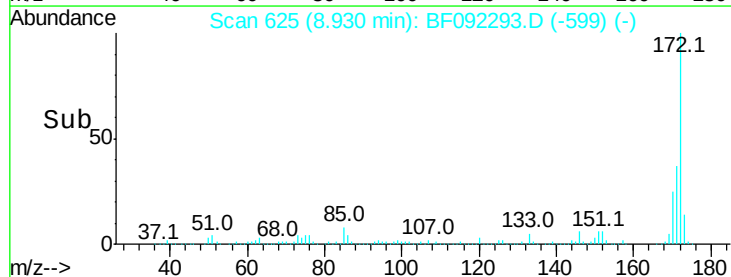
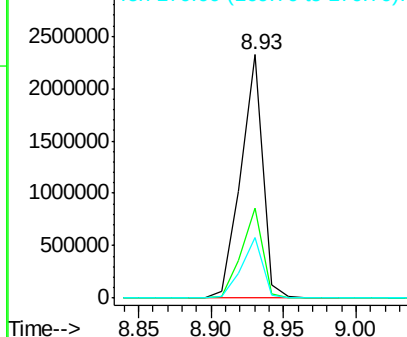


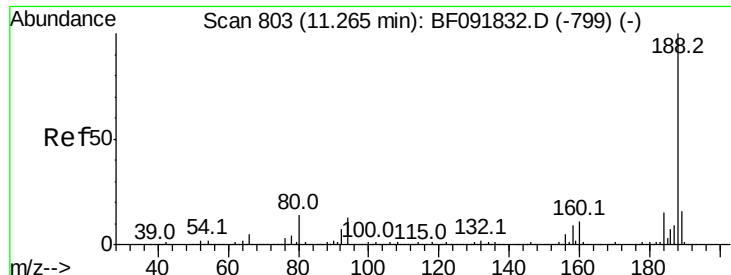
#44
 2-Fluorobiphenyl
 Concen: 104.04 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092293.D
 Acq: 16 Jan 2017 19:03

Tgt Ion:172 Resp: 2445126
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.9 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

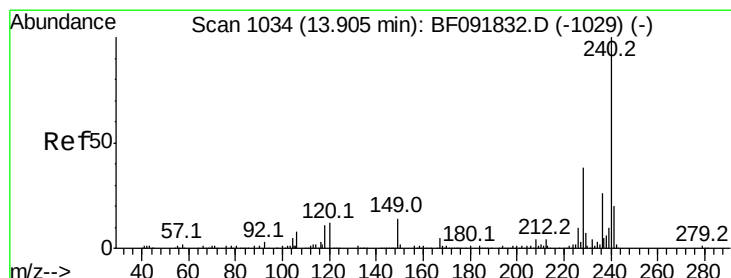
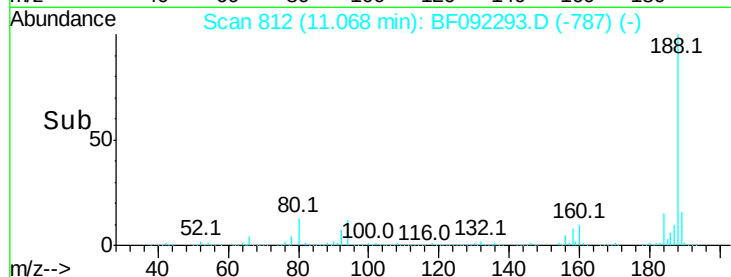
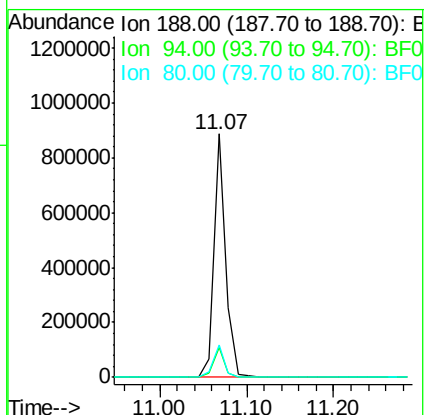
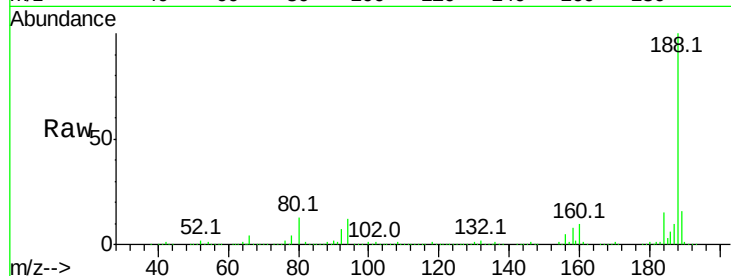




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092293.D
 Acq: 16 Jan 2017 19:03

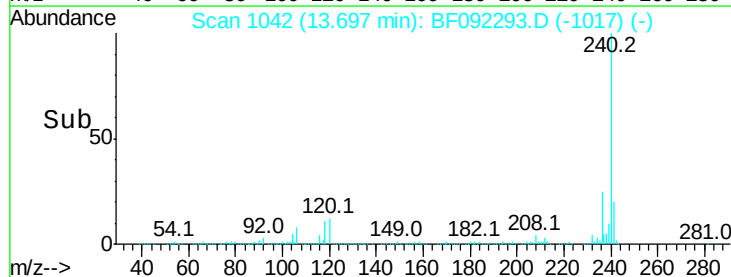
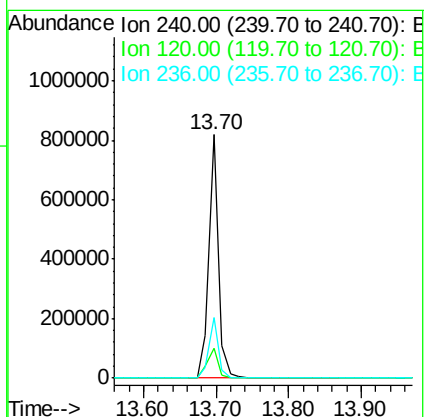
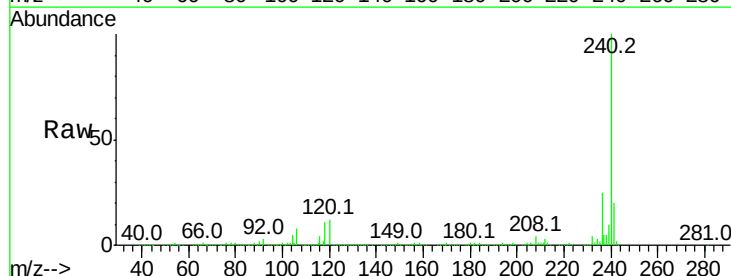
Instrument :
 BNA_F
 ClientSampleId :
 W-29

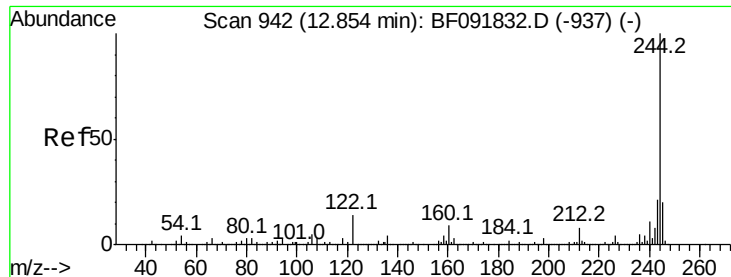
Tot Ion:188 Resp: 849886
 Ion Ratio Lower Upper
 188 100
 94 12.3 10.0 15.0
 80 13.3 11.2 16.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF092293.D
 Acq: 16 Jan 2017 19:03

Tgt Ion:240 Resp: 755997
 Ion Ratio Lower Upper
 240 100
 120 12.4 12.9 19.3#
 236 24.9 20.9 31.3

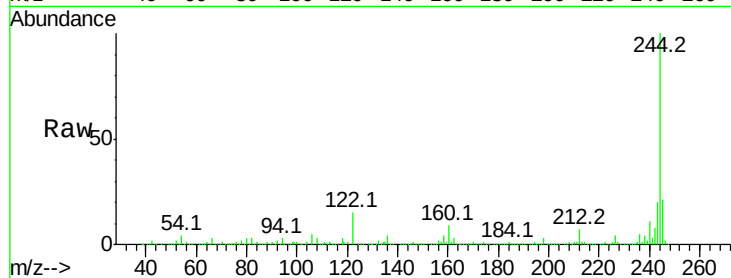




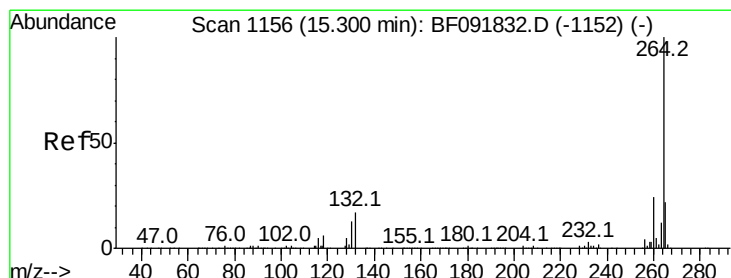
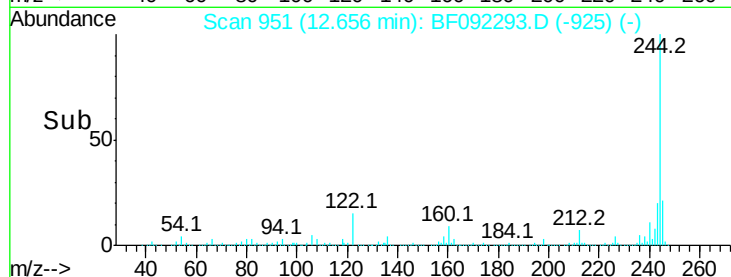
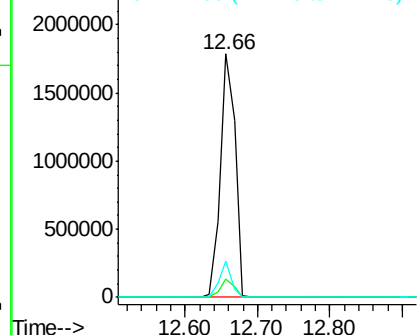
#78
 Terphenyl-d14
 Concen: 81.32 ng
 RT: 12.66 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF092293.D
 Acq: 16 Jan 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Tot Ion:244 Resp: 2534906
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 15.1 11.4 17.2

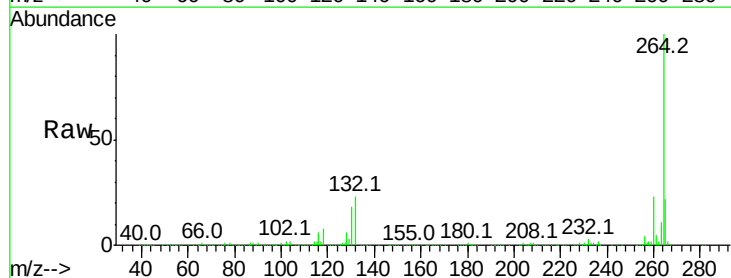


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF092293.D
 Acq: 16 Jan 2017 19:03

Tgt Ion:264 Resp: 589385
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.2 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

