

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092256.D
 Acq On : 13 Jan 2017 21:56
 Operator : UM/SJ
 Sample : I1182-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB011217-TOD

Quant Time: Jan 16 02:35:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	222141	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	669426	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	352024	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	603382	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	493337	20.00	ng	-0.02
86) Perylene-d12	15.07	264	404124	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	789324	59.33	ng	0.00
7) Phenol-d6	6.23	99	662102	40.76	ng	-0.02
23) Nitrobenzene-d5	7.15	82	1166041	96.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	444802	152.68	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1857899	112.28	ng	-0.01
78) Terphenyl-d14	12.68	244	1933682	95.06	ng	-0.01

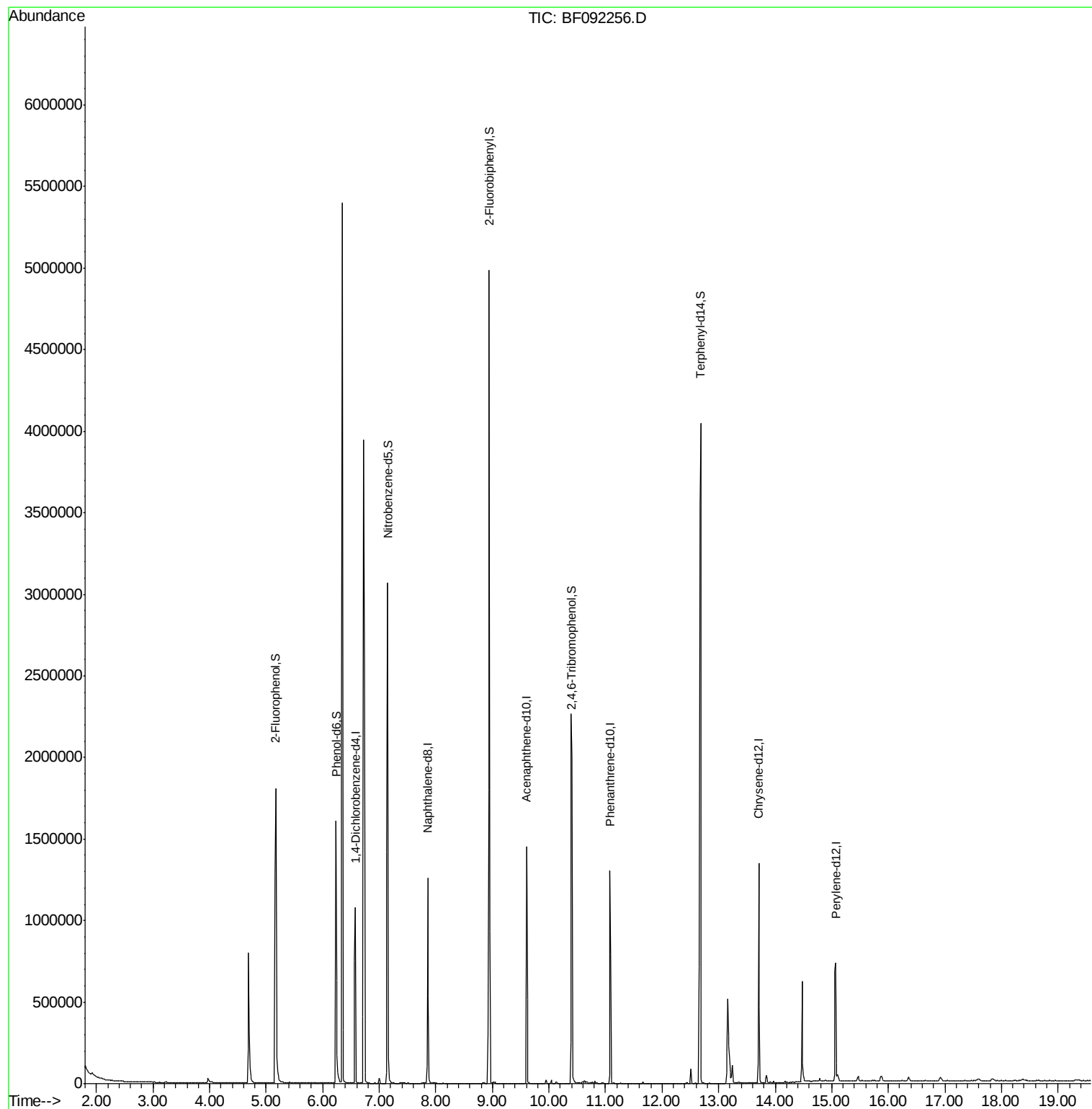
Target Compounds Qvalue

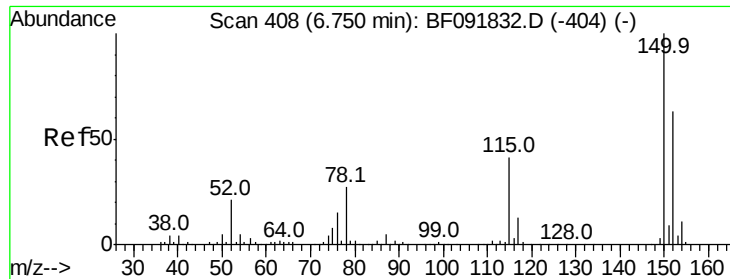
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092256.D

Acq: 13 Jan 2017 21:56

Instrument :

BNA_F

ClientSampleId :

FB011217-TOD

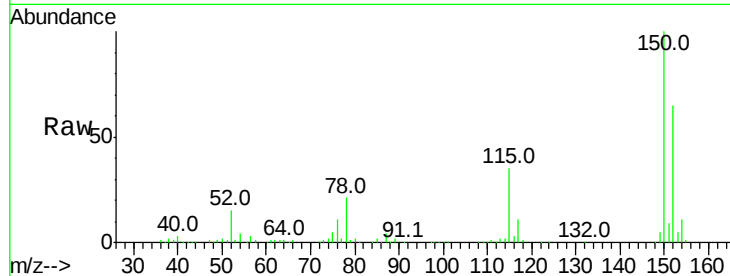
Tot Ion:152 Resp: 222141

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

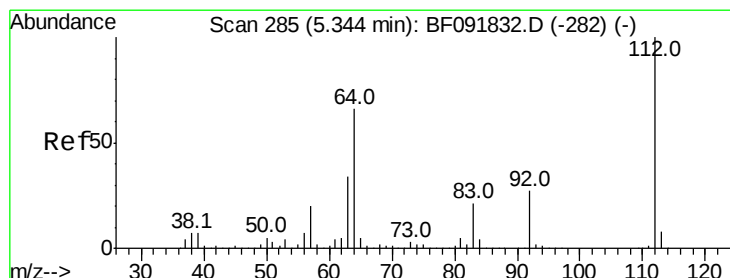
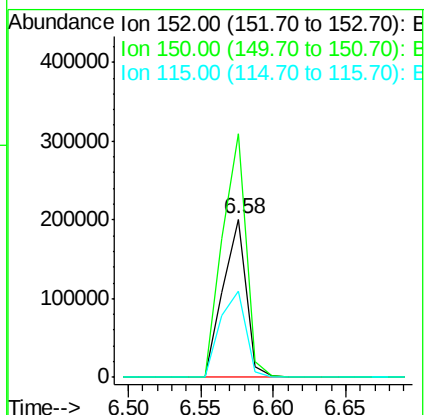
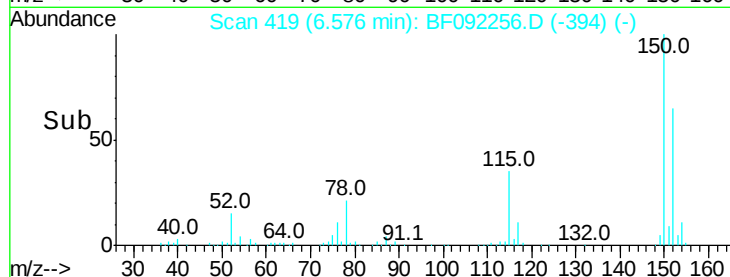
115 54.5 46.0 69.0



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: 59.33 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092256.D

Acq: 13 Jan 2017 21:56

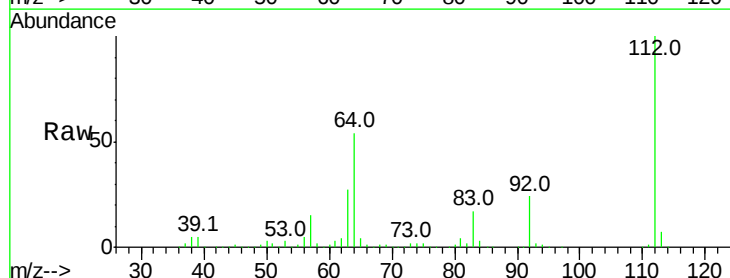
Tgt Ion:112 Resp: 789324

Ion Ratio Lower Upper

112 100

64 53.9 46.1 69.1

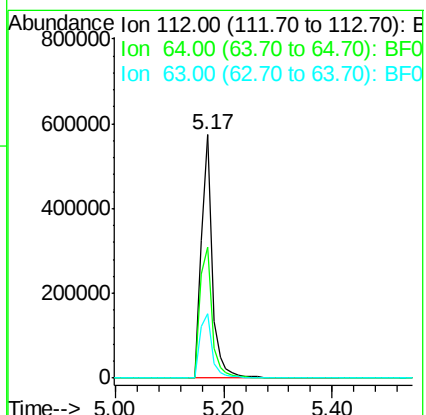
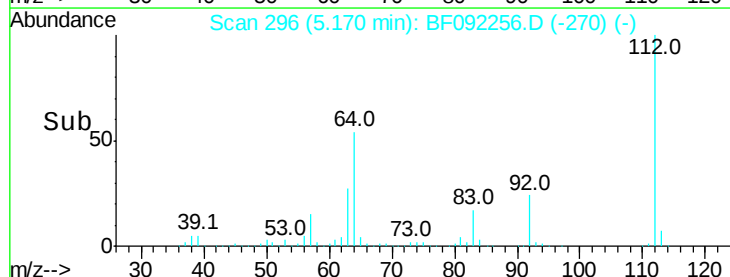
63 26.6 23.8 35.6

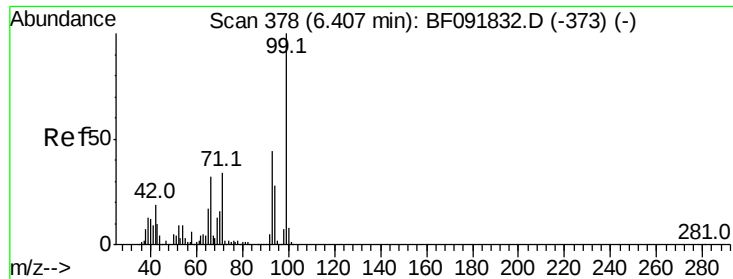


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.76 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF092256.D

Acq: 13 Jan 2017 21:56

Instrument :

BNA_F

ClientSampleId :

FB011217-TOD

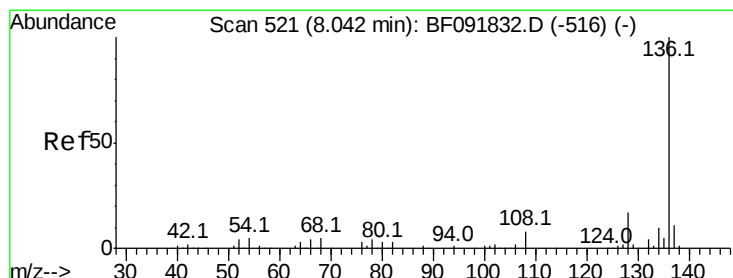
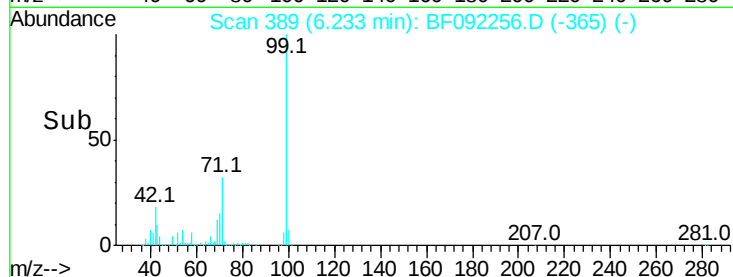
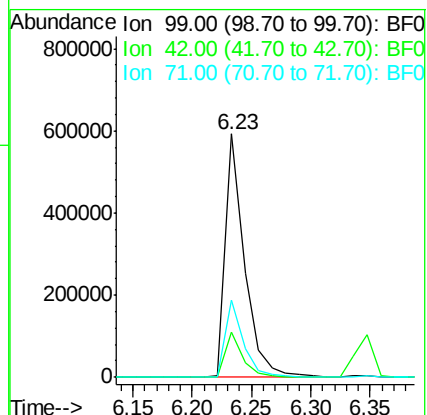
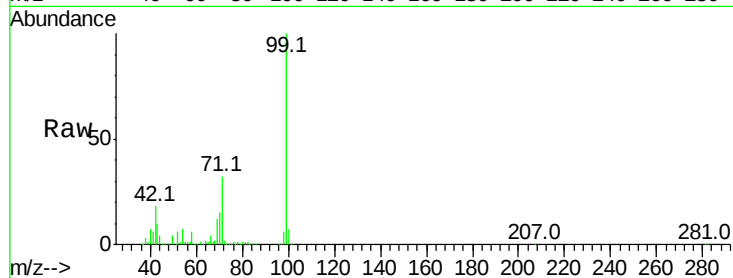
Tot Ion: 99 Resp: 662102

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

71 31.6 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF092256.D

Acq: 13 Jan 2017 21:56

Tgt Ion: 136 Resp: 669426

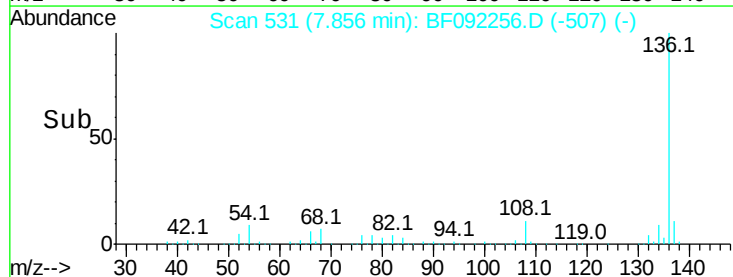
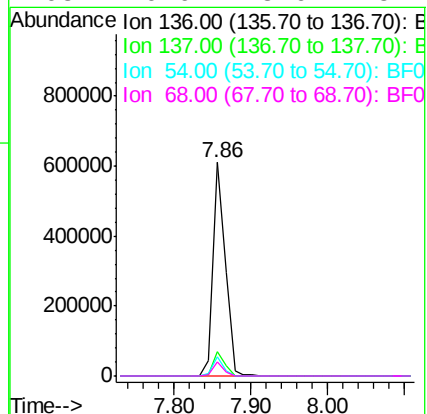
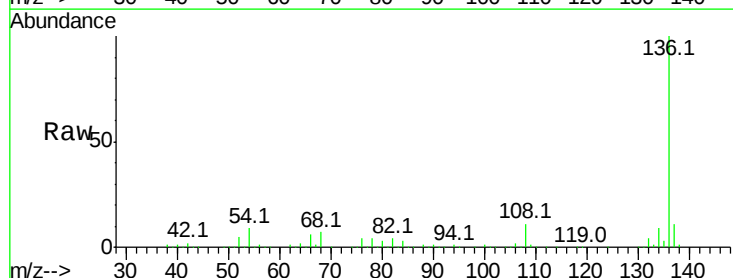
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.0 4.5 6.7#

68 6.6 3.6 5.4#



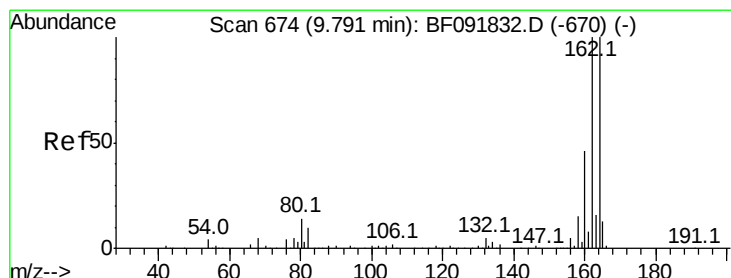
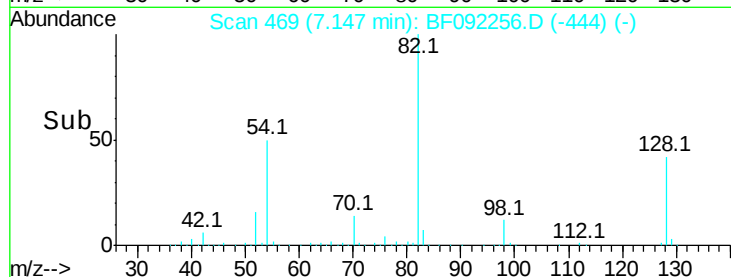
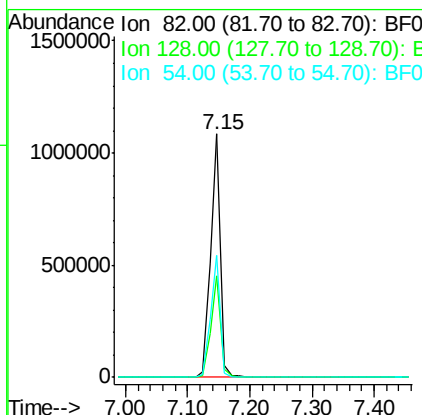
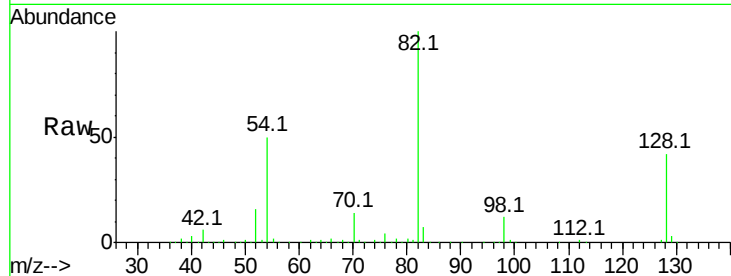


#23
 Nitrobenzene-d5
 Concen: 96.86 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092256.D
 Acq: 13 Jan 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 FB011217-TOD

Tot Ion: 82 Resp: 1166041

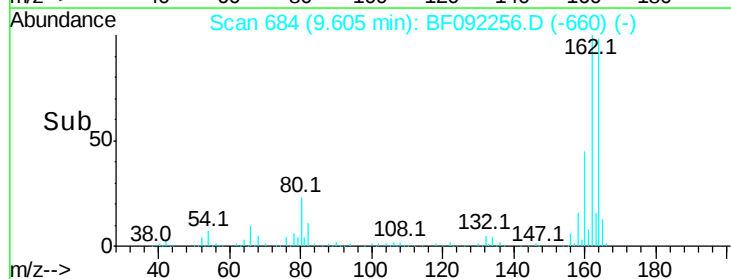
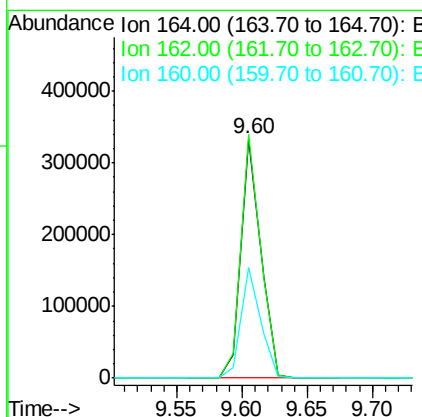
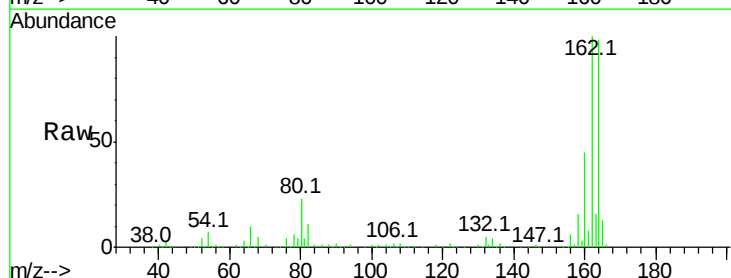
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	50.1	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092256.D
 Acq: 13 Jan 2017 21:56

Tgt Ion:164 Resp: 352024

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	46.0	36.9	55.3

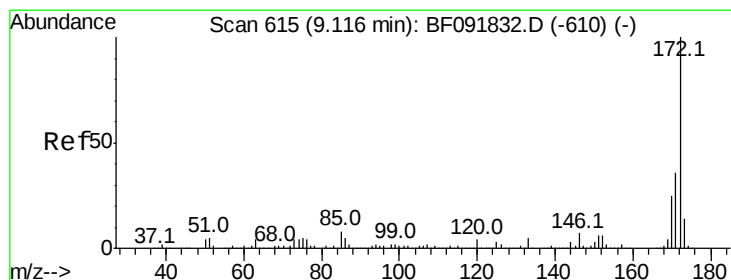
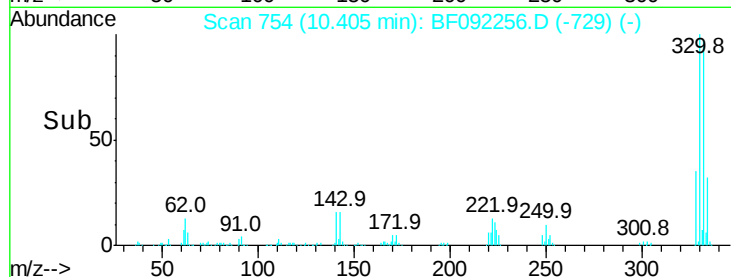
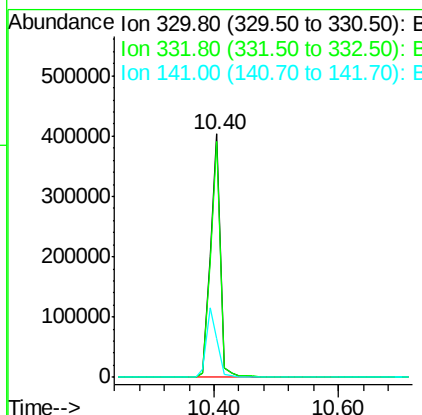
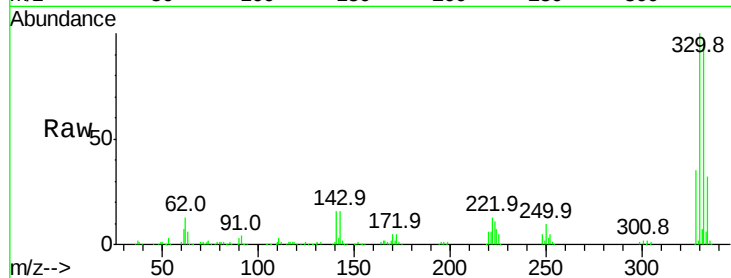




#41
 2,4,6-Tribromophenol
 Concen: 152.68 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092256.D
 Acq: 13 Jan 2017 21:56

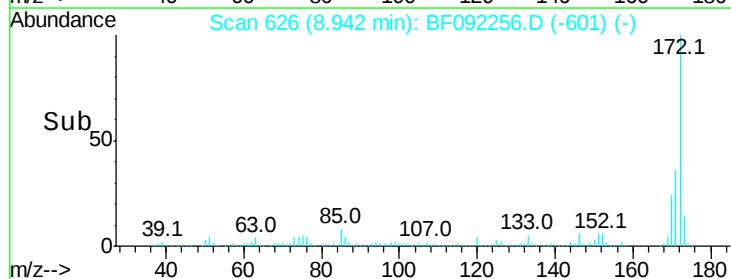
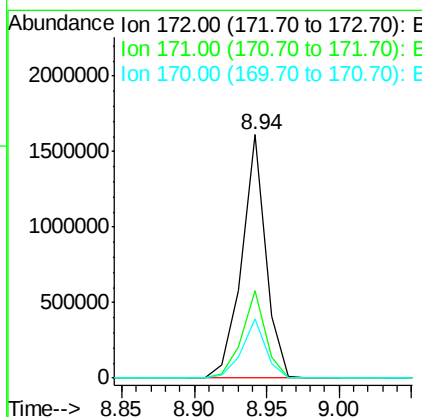
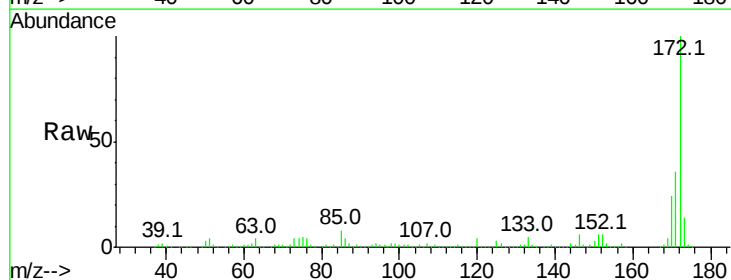
Instrument :
 BNA_F
 ClientSampleId :
 FB011217-TOD

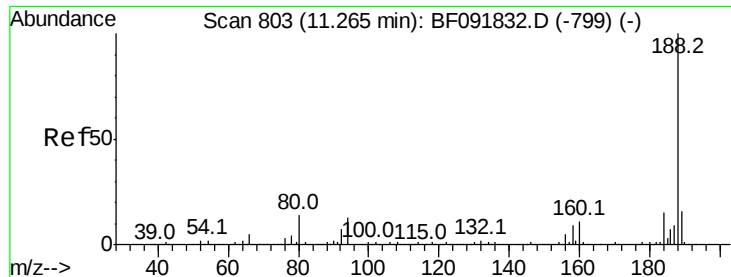
Tot Ion:330 Resp: 444802
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 31.4 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 112.28 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092256.D
 Acq: 13 Jan 2017 21:56

Tgt Ion:172 Resp: 1857899
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.4 20.2 30.4

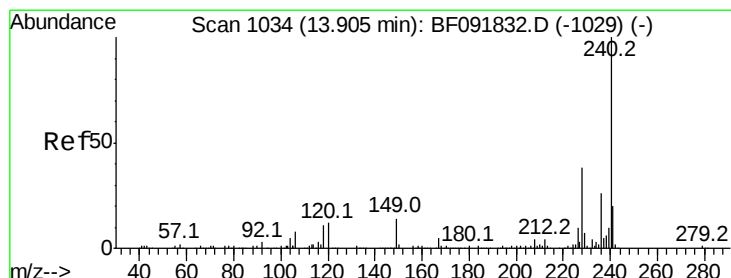
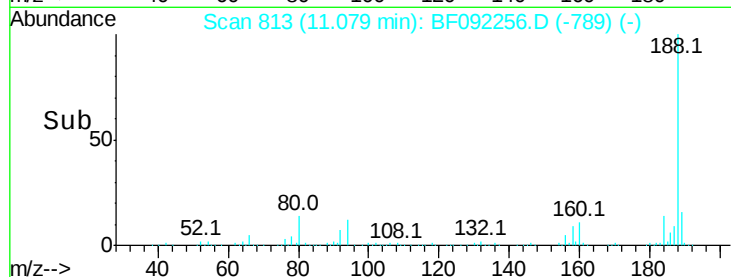
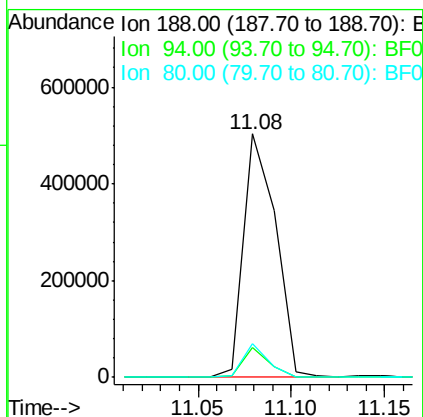
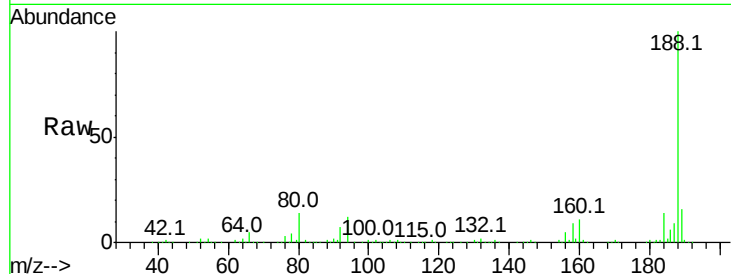




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092256.D
Acq: 13 Jan 2017 21:56

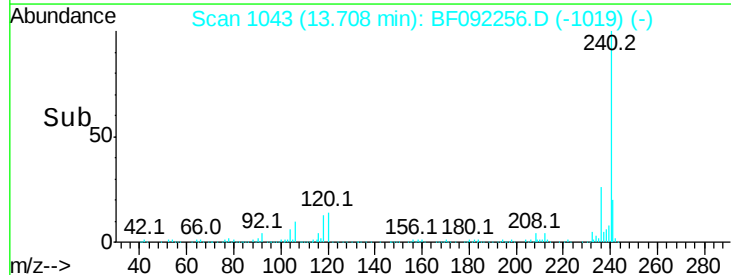
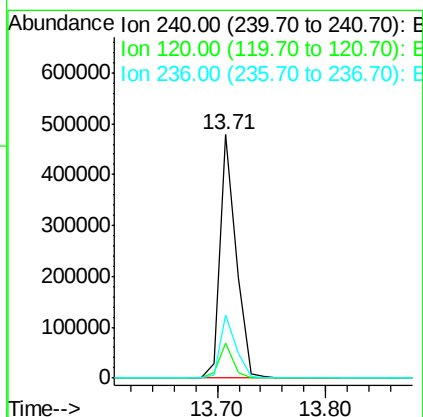
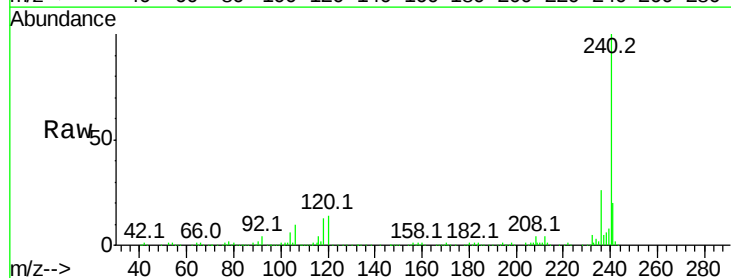
Instrument :
BNA_F
ClientSampleId :
FB011217-TOD

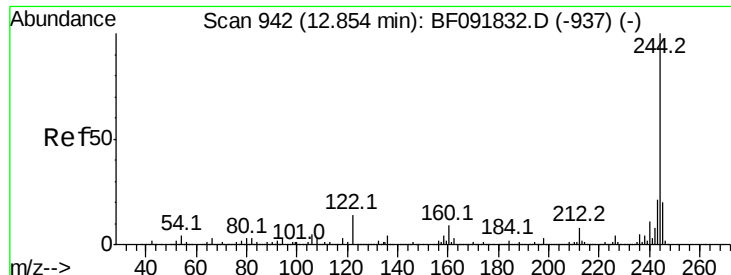
Tot Ion:188 Resp: 603382
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 13.9 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092256.D
Acq: 13 Jan 2017 21:56

Tgt Ion:240 Resp: 493337
Ion Ratio Lower Upper
240 100
120 14.3 12.9 19.3
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 95.06 ng

RT: 12.68 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092256.D

Acq: 13 Jan 2017 21:56

Instrument :

BNA_F

ClientSampleId :

FB011217-TOD

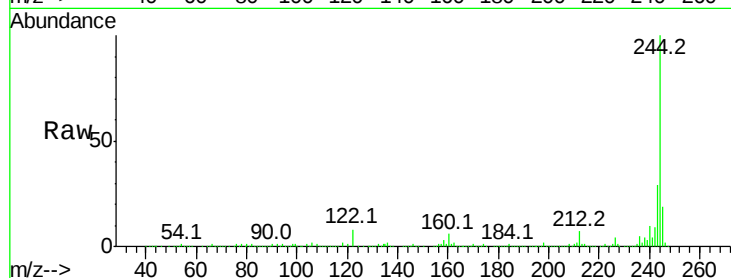
Tot Ion:244 Resp: 1933682

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

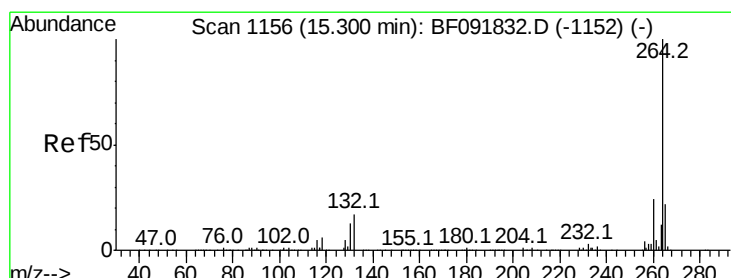
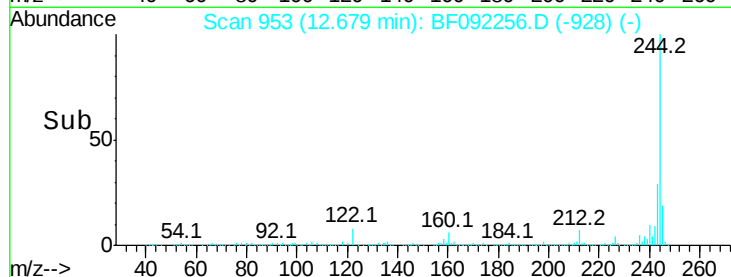
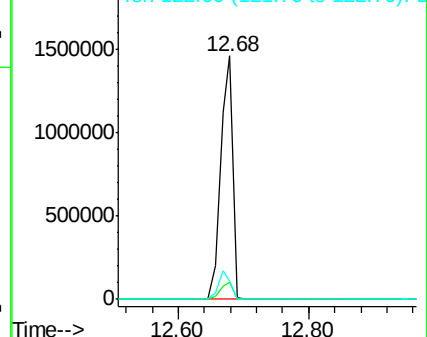
122 7.8 11.4 17.2#



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: 15.07 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF092256.D

Acq: 13 Jan 2017 21:56

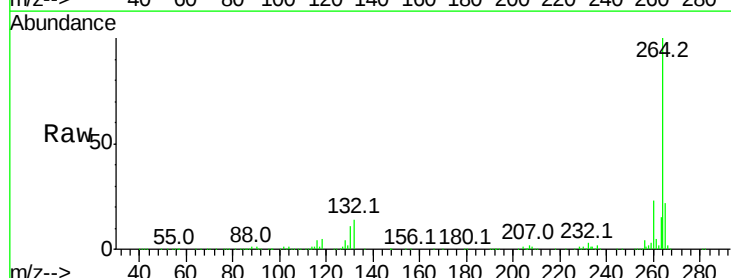
Tgt Ion:264 Resp: 404124

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.7 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

