

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091892.D
 Acq On : 22 Dec 2016 18:03
 Operator : UM/SJ
 Sample : H6156-23
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB121616

Quant Time: Dec 23 03:40:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	143529	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	571746	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	284621	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	389625	20.00	ng	0.00
75) Chrysene-d12	13.91	240	301755	20.00	ng	0.00
86) Perylene-d12	15.30	264	258435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	502449	58.45	ng	0.06
7) Phenol-d6	6.45	99	386146	36.79	ng	0.05
23) Nitrobenzene-d5	7.32	82	919315	89.41	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	241558	102.55	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1590568	119.78	ng	0.00
78) Terphenyl-d14	12.85	244	1539333	123.72	ng	0.00

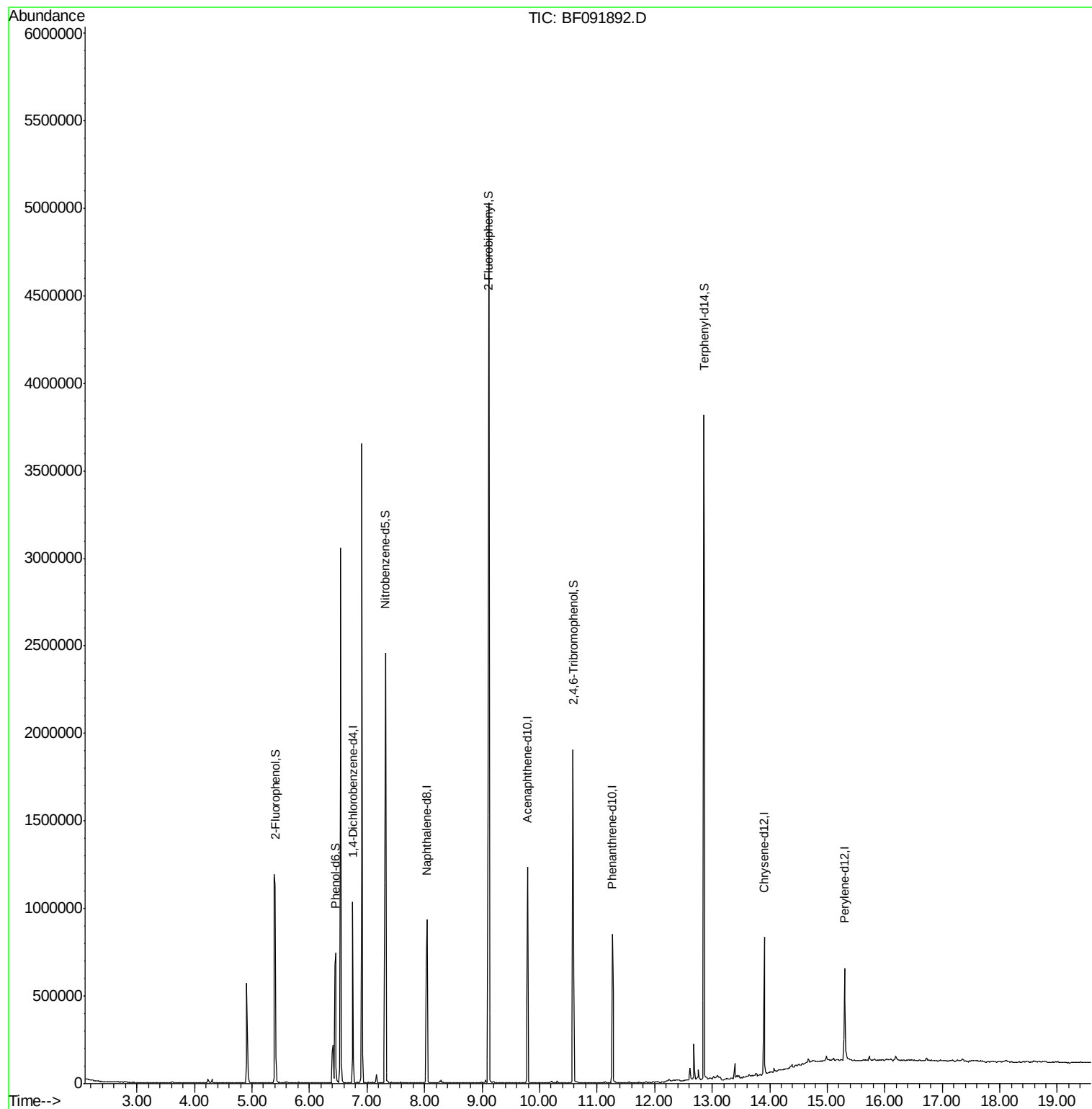
Target Compounds Qvalue

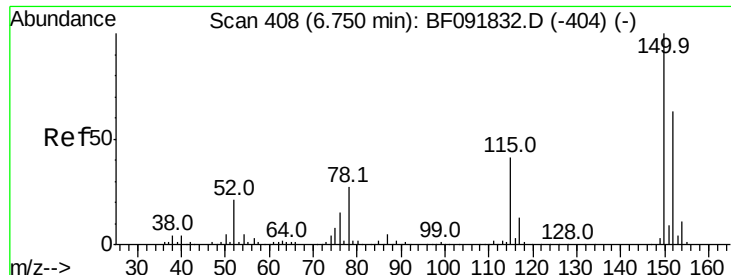
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

Instrument :

BNA_F

ClientSampleId :

FB121616

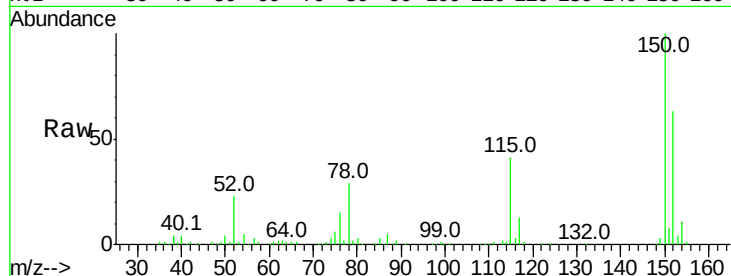
Tot Ion:152 Resp: 143529

Ion Ratio Lower Upper

152 100

150 159.4 124.9 187.3

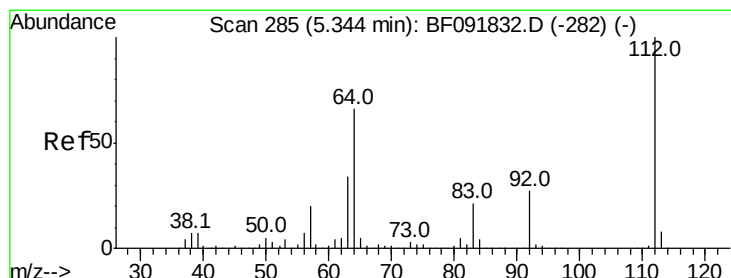
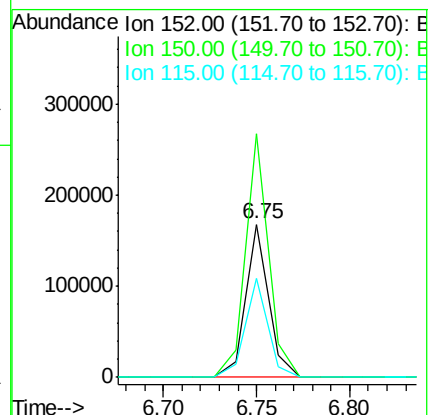
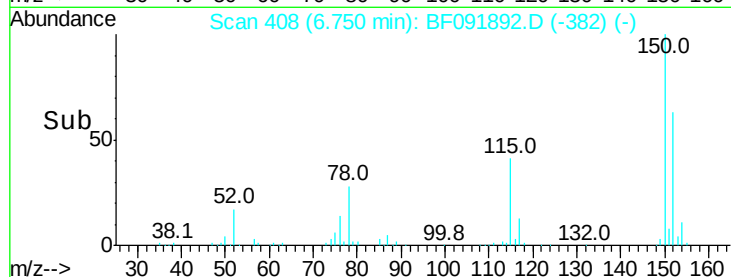
115 65.0 46.0 69.0



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: 58.45 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.06 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

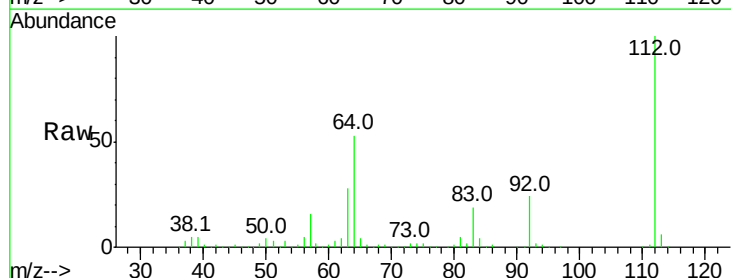
Tgt Ion:112 Resp: 502449

Ion Ratio Lower Upper

112 100

64 53.2 46.1 69.1

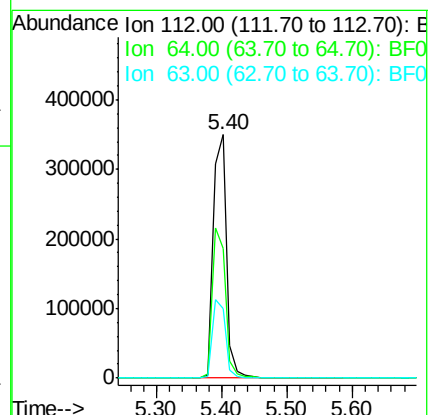
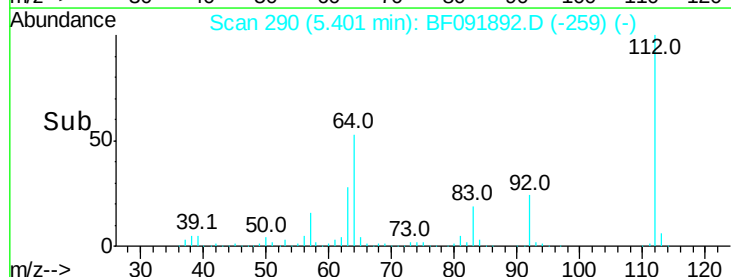
63 28.4 23.8 35.6

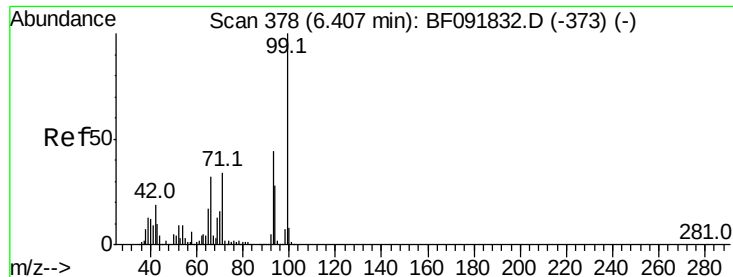


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.79 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

Instrument :

BNA_F

ClientSampled :

FB121616

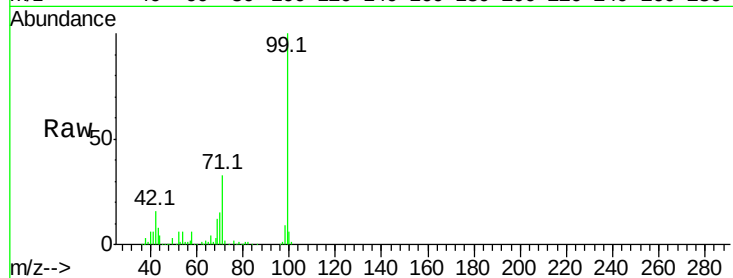
Tot Ion: 99 Resp: 386146

Ion Ratio Lower Upper

99 100

42 15.8 15.6 23.4

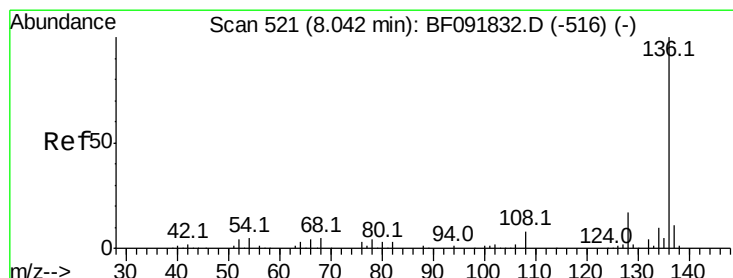
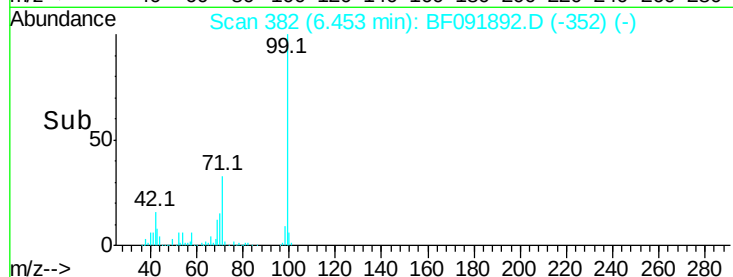
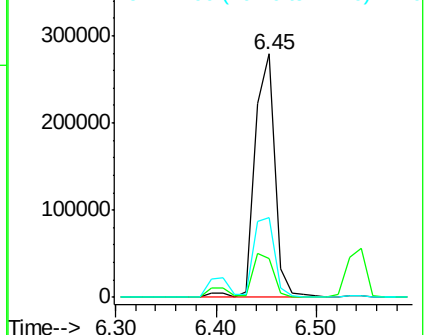
71 32.9 27.5 41.3



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: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

Tgt Ion: 136 Resp: 571746

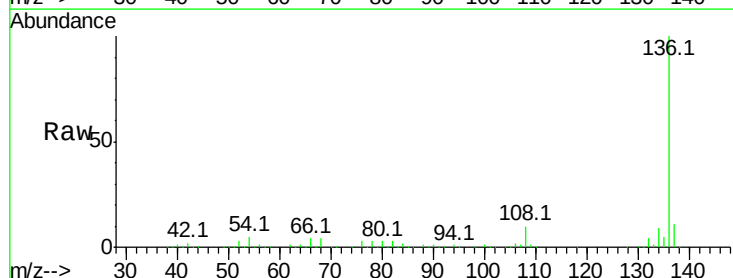
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 5.4 4.5 6.7

68 4.1 3.6 5.4

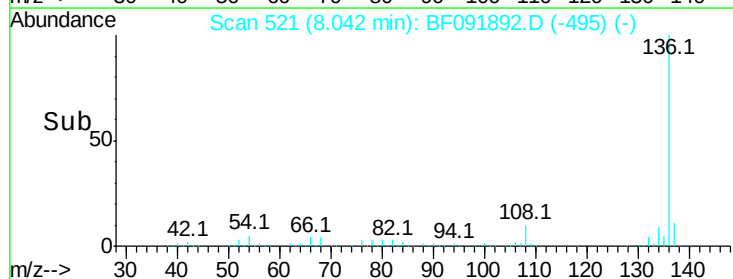
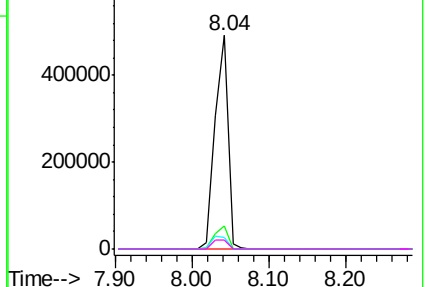


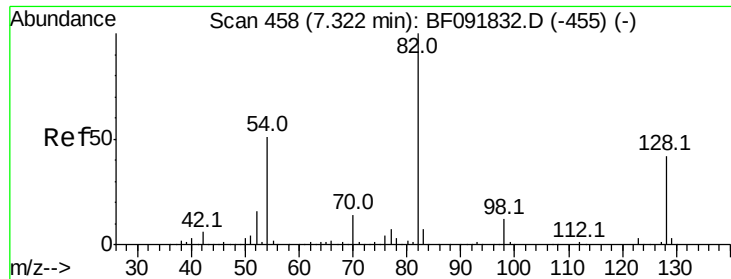
Abundance Ion 136.00 (135.70 to 136.70): E

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

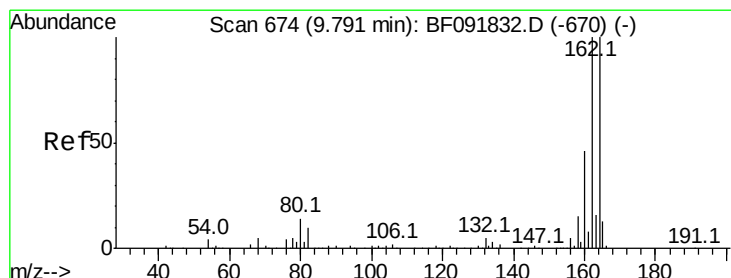
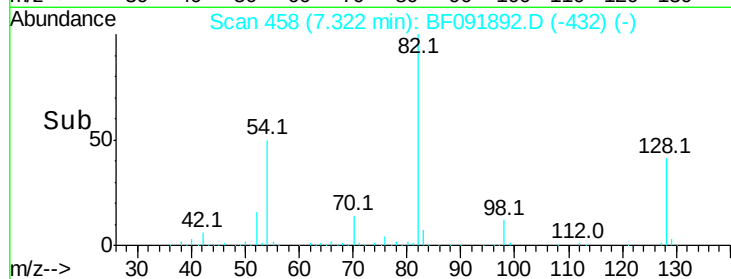
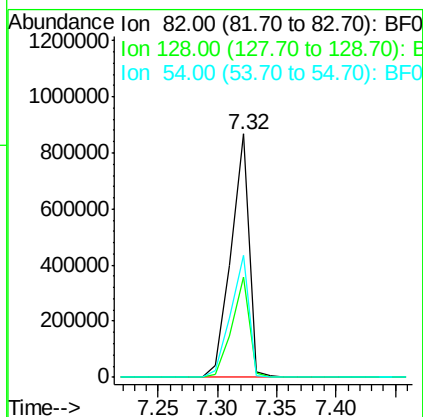
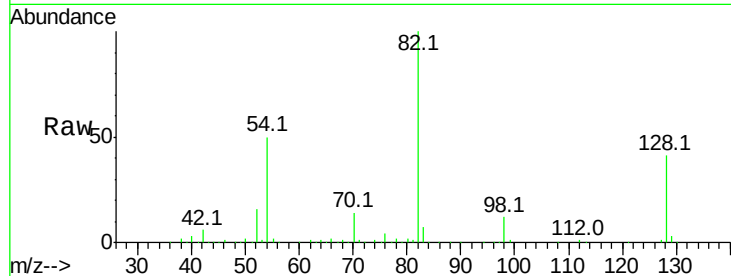




#23
Nitrobenzene-d5
Concen: 89.41 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

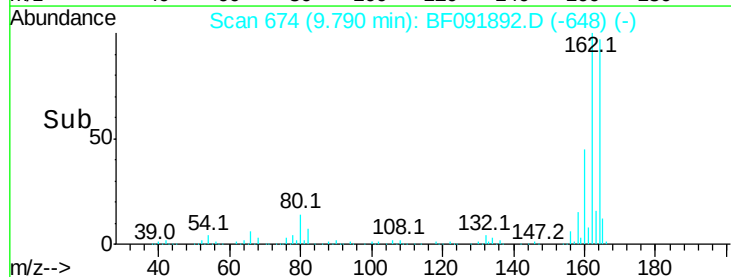
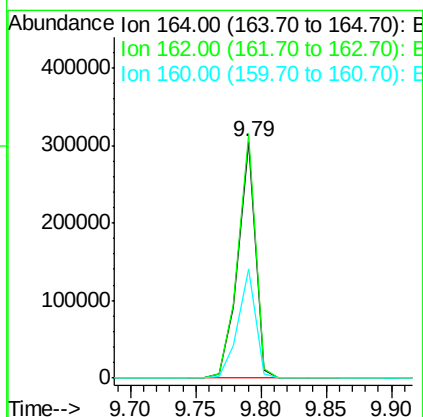
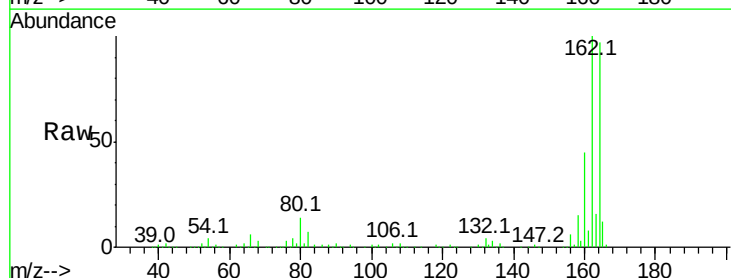
Instrument :
BNA_F
ClientSampleId :
FB121616

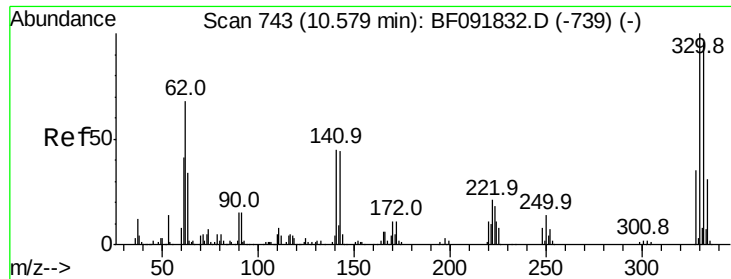
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	49.9	39.5	59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	46.0	36.9	55.3

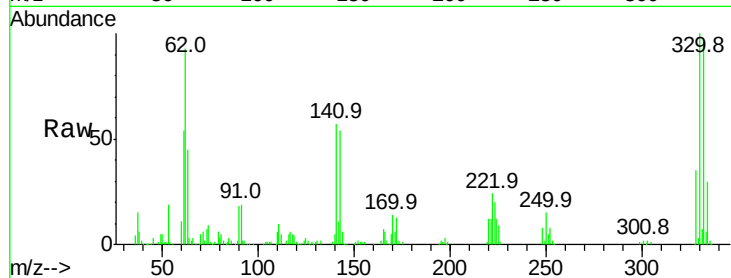




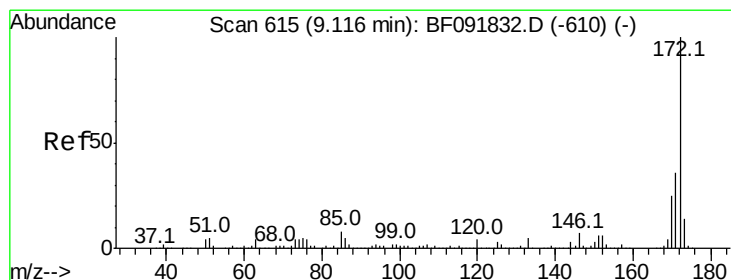
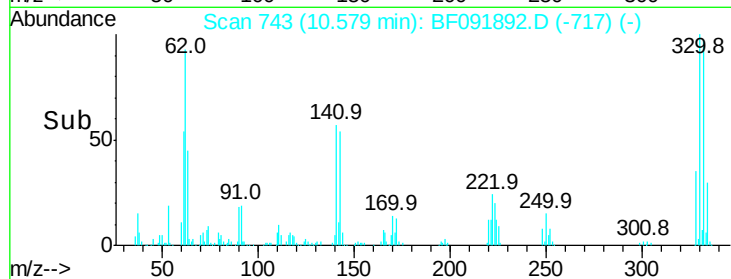
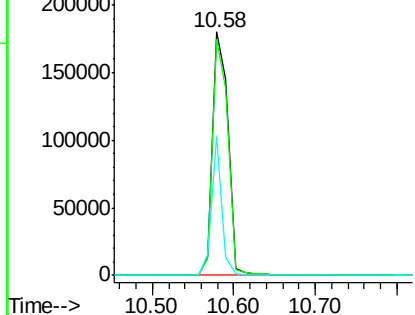
#41
 2,4,6-Tribromophenol
 Concen: 102.55 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091892.D
 Acq: 22 Dec 2016 18:03

Instrument :
 BNA_F
 ClientSampleId :
 FB121616

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	38.5	34.1	51.1

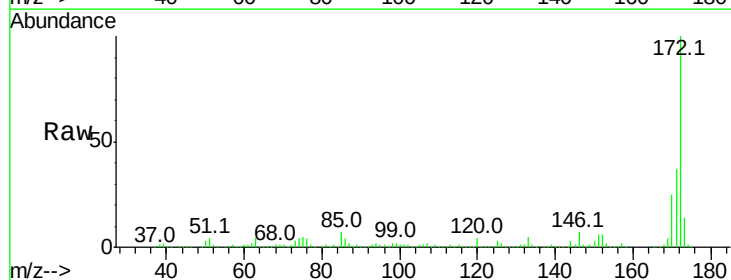


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

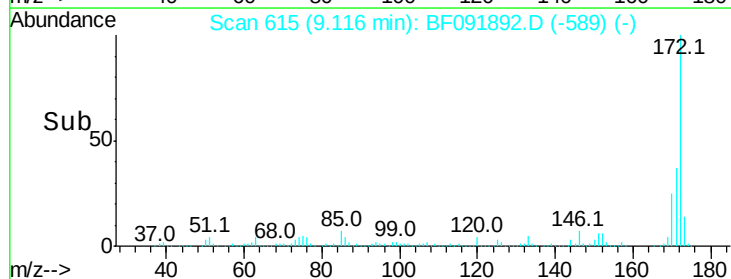
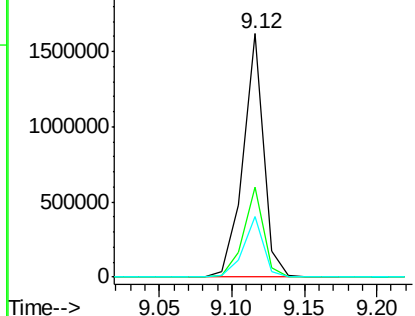


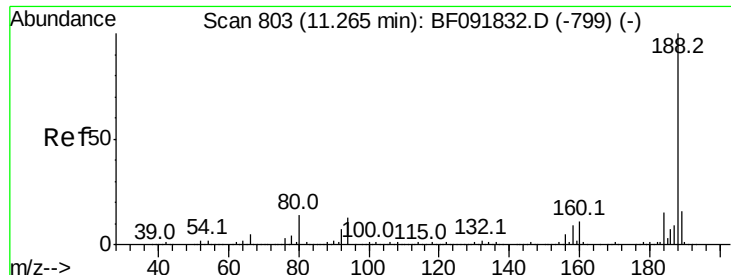
#44
 2-Fluorobiphenyl
 Concen: 119.78 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091892.D
 Acq: 22 Dec 2016 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.7	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

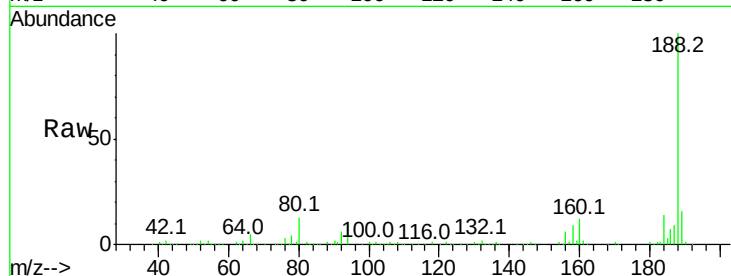




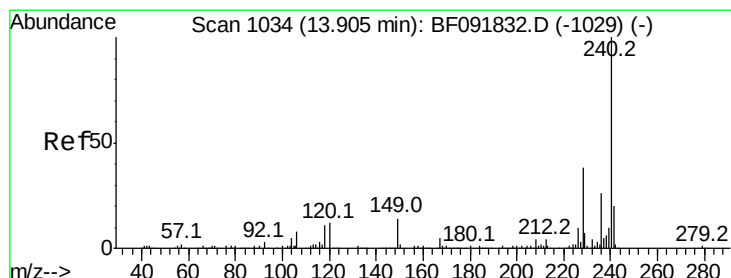
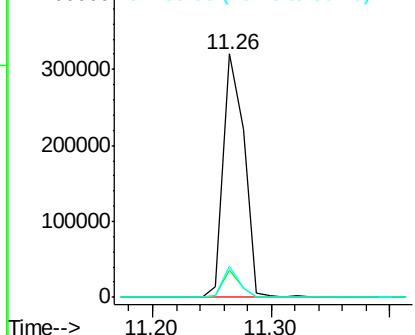
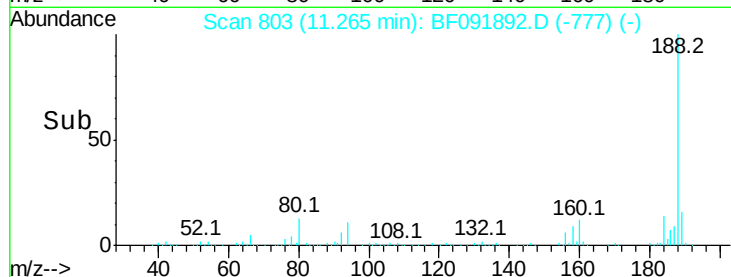
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

Instrument :
BNA_F
ClientSampleId :
FB121616

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	10.0	15.0
80	12.8	11.2	16.8

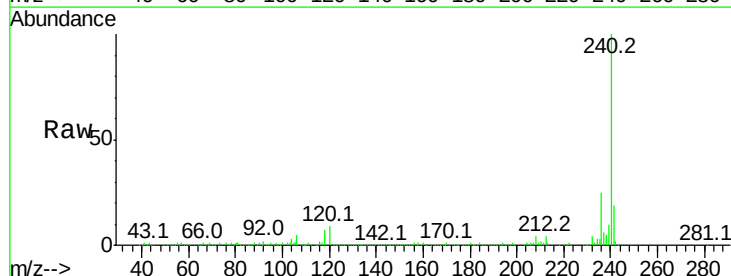


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

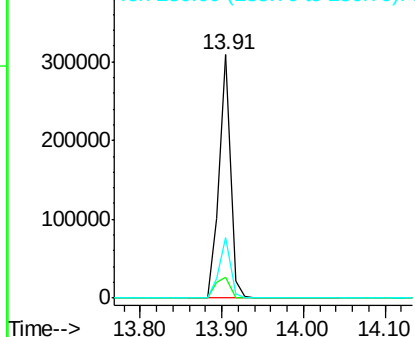
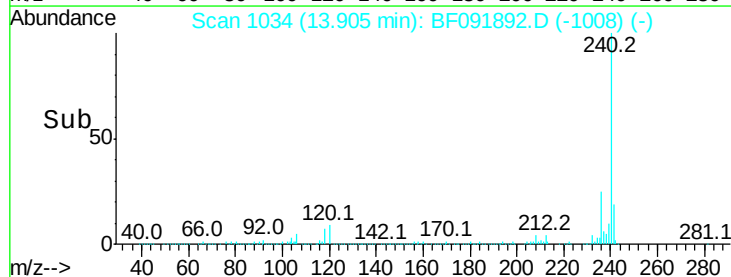


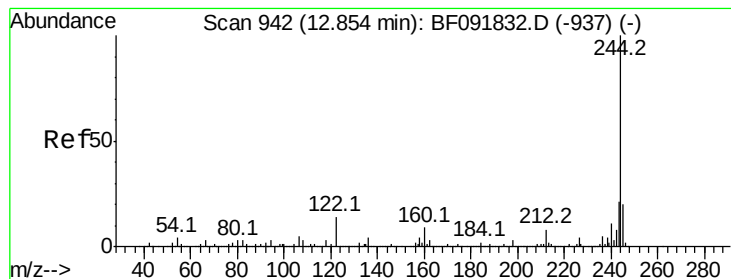
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091892.D
Acq: 22 Dec 2016 18:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	12.9	19.3#
236	25.0	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: 123.72 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

Instrument :

BNA_F

ClientSampleId :

FB121616

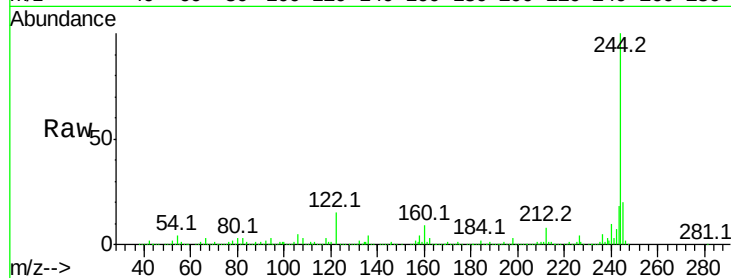
Tot Ion:244 Resp: 1539333

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

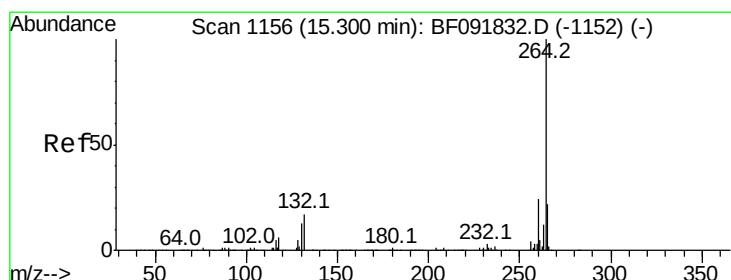
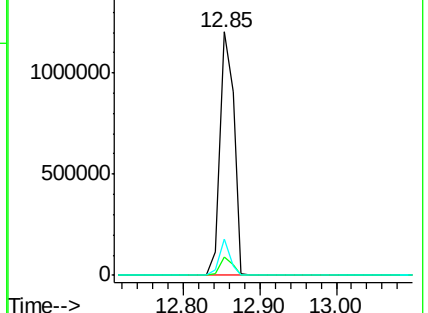
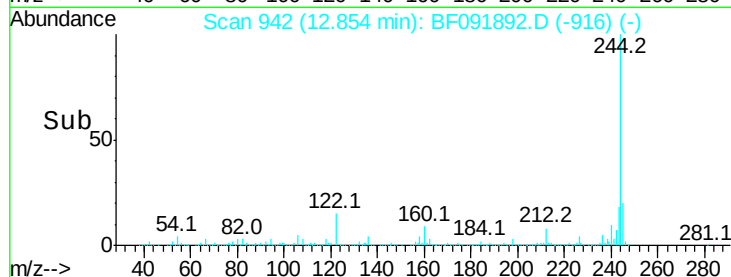
122 14.7 11.4 17.2



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: 15.30 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF091892.D

Acq: 22 Dec 2016 18:03

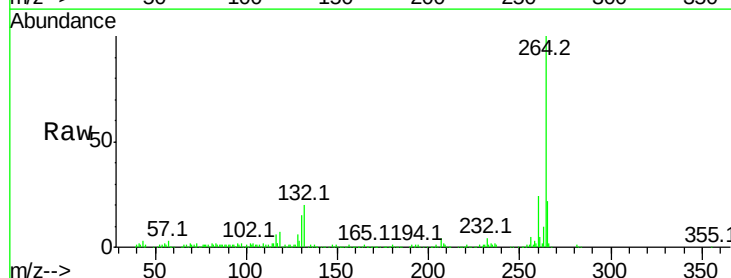
Tgt Ion:264 Resp: 258435

Ion Ratio Lower Upper

264 100

260 23.9 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

