

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093045.D
 Acq On : 20 Feb 2017 22:59
 Operator : SJ/MA
 Sample : I1878-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-5

Quant Time: Feb 21 00:21:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	147792	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	589225	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	284238	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	522620	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	450075	20.00	ng	-0.01
86) Perylene-d12	15.44	264	320611	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1087747	126.27	ng	0.00
7) Phenol-d6	6.49	99	1245005	112.32	ng	0.00
23) Nitrobenzene-d5	7.41	82	904960	85.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	336203	163.54	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1762796	112.36	ng	0.00
78) Terphenyl-d14	12.96	244	1431568	74.74	ng	-0.01

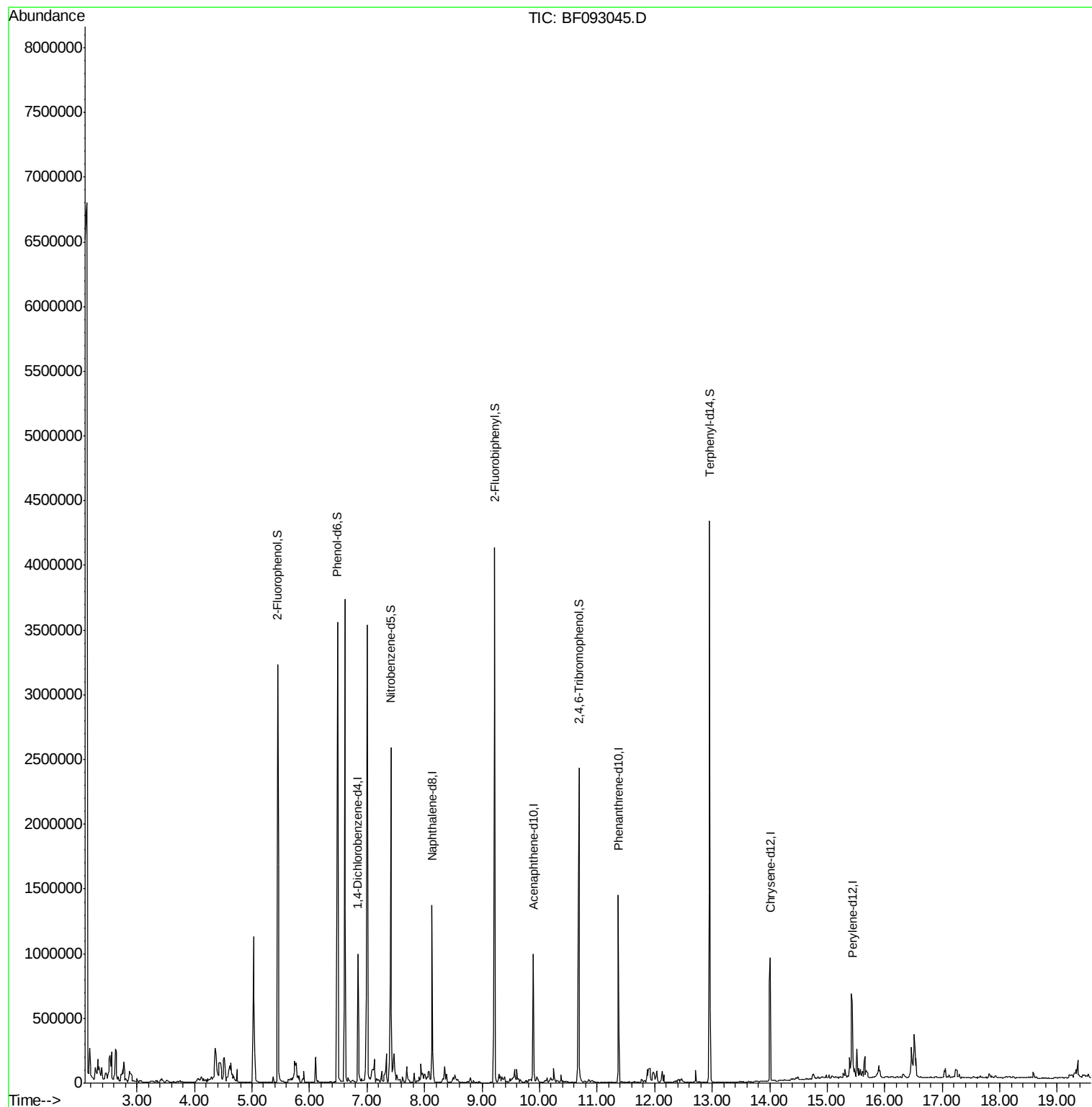
Target Compounds Qvalue

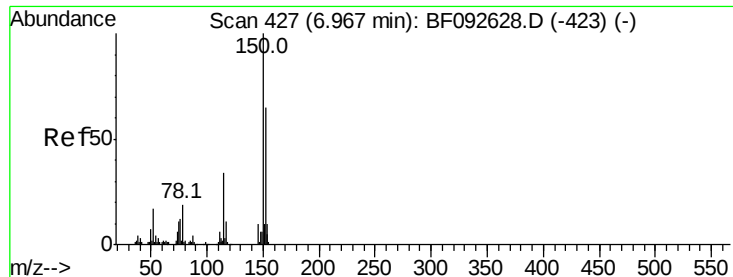
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

Instrument :

BNA_F

ClientSampleId :

B1-5

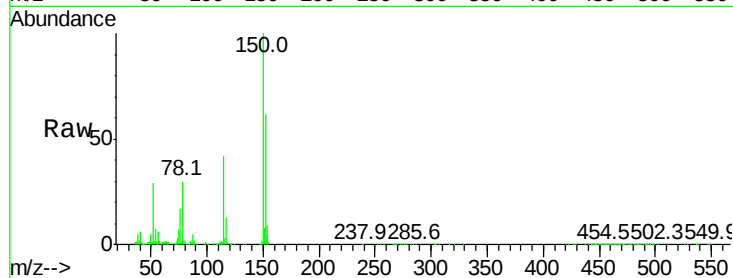
Tot Ion:152 Resp: 147792

Ion Ratio Lower Upper

152 100

150 160.4 124.9 187.3

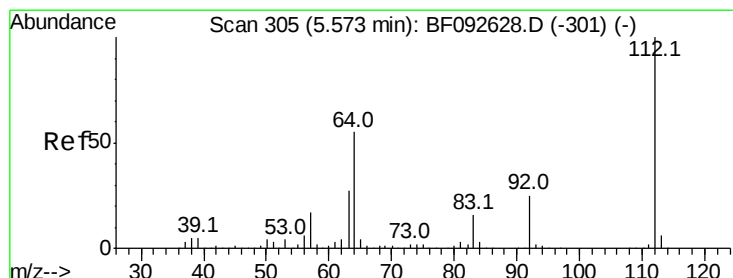
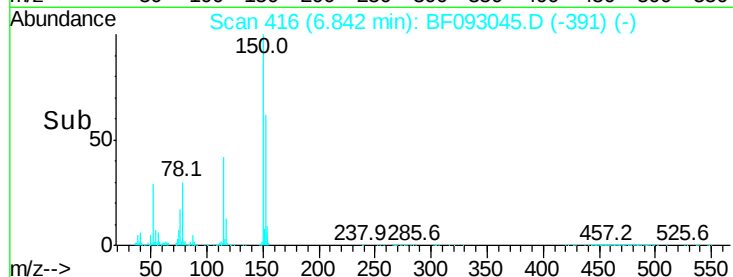
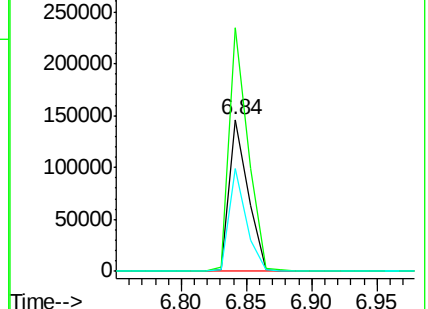
115 67.3 46.0 69.0



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: 126.27 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

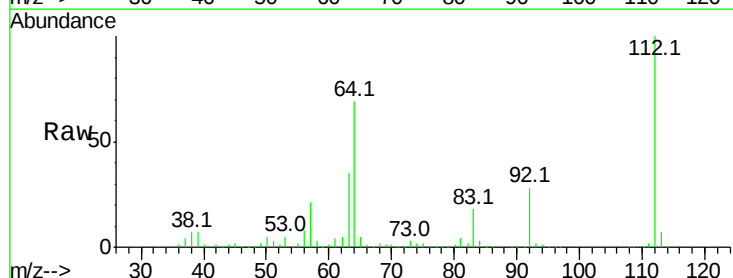
Tgt Ion:112 Resp: 1087747

Ion Ratio Lower Upper

112 100

64 68.7 46.1 69.1

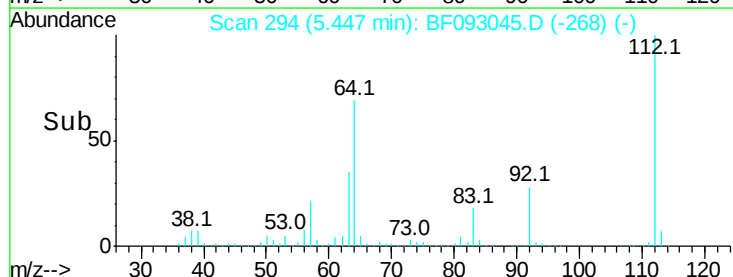
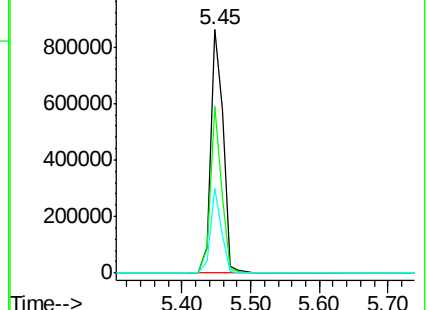
63 34.8 23.8 35.6

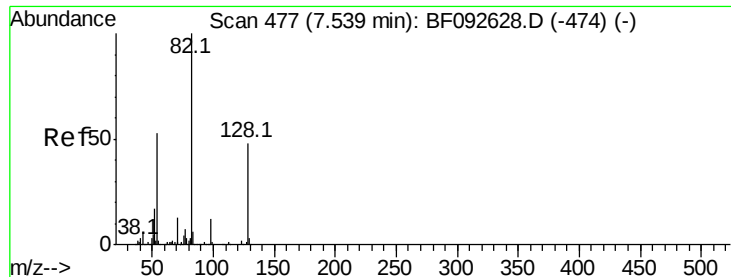


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

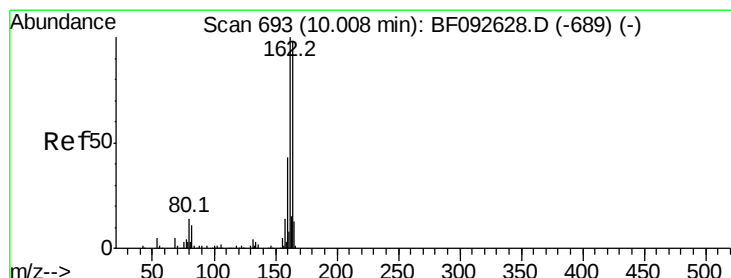
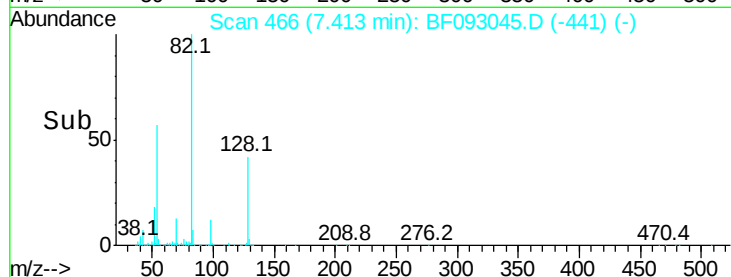
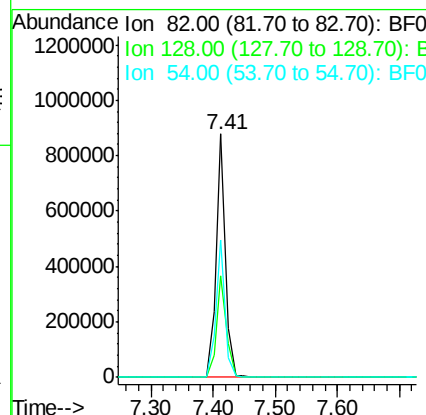
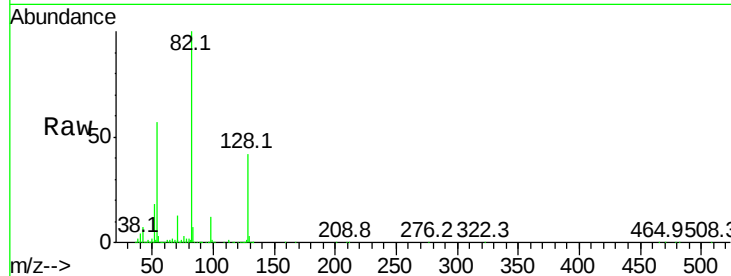




#23
 Nitrobenzene-d5
 Concen: 85.53 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

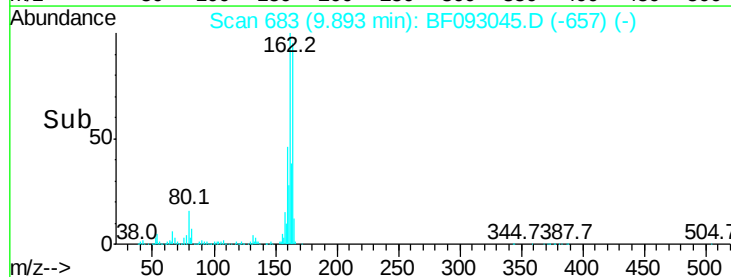
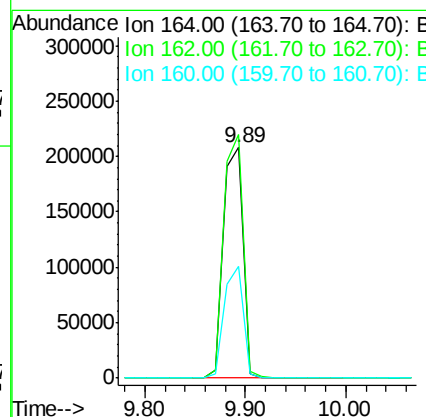
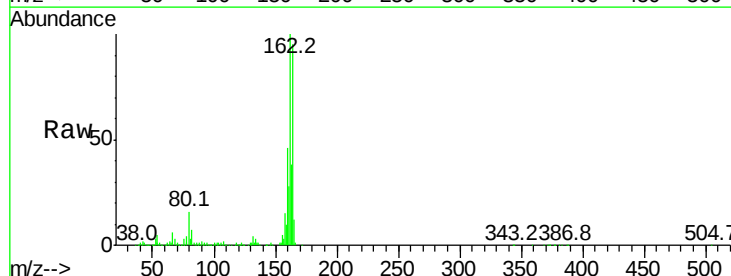
Instrument :
 BNA_F
 ClientSampleId :
 B1-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	56.5	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.2	120.2
160	48.4	36.9	55.3

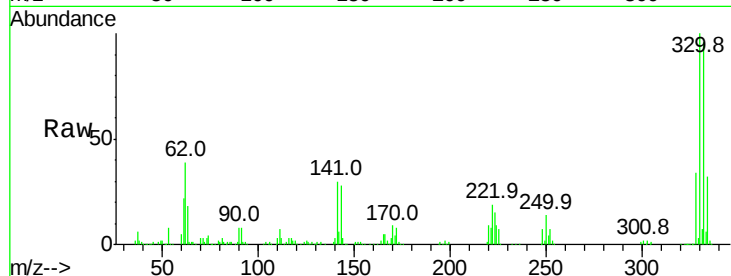




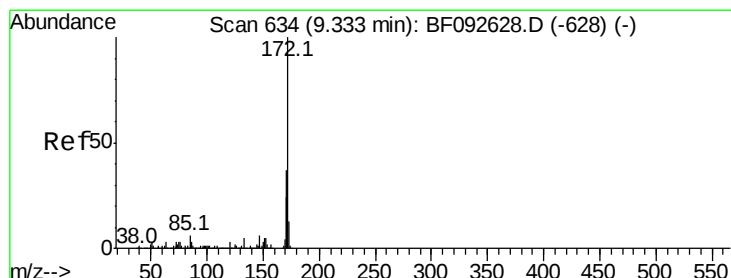
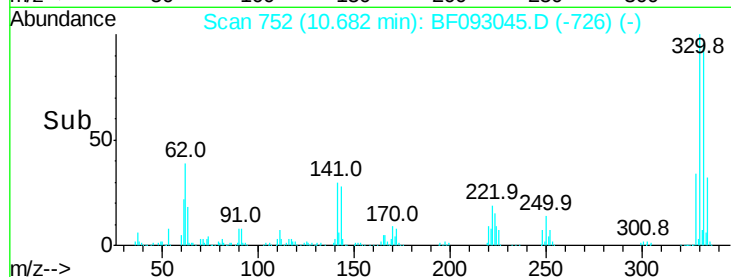
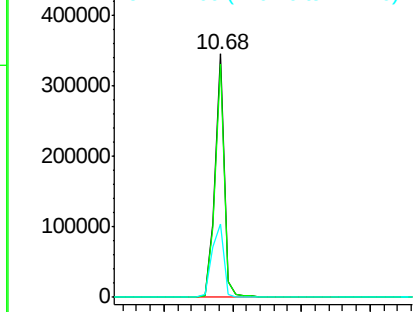
#41
 2,4,6-Tribromophenol
 Concen: 163.54 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

Instrument :
 BNA_F
 ClientSampleId :
 B1-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	38.5	34.1	51.1

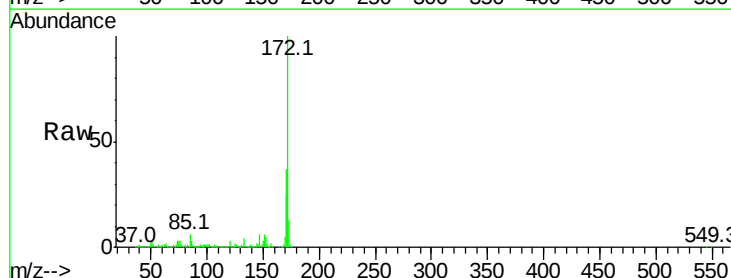


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

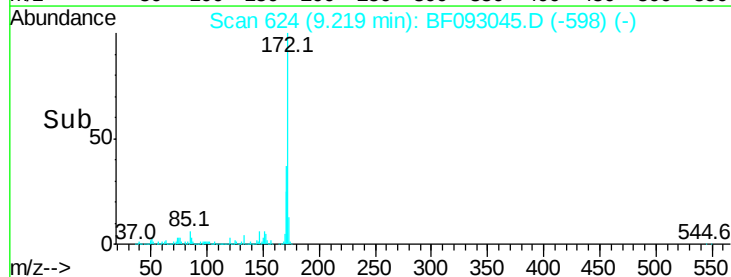
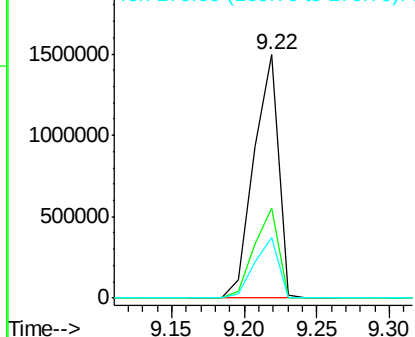


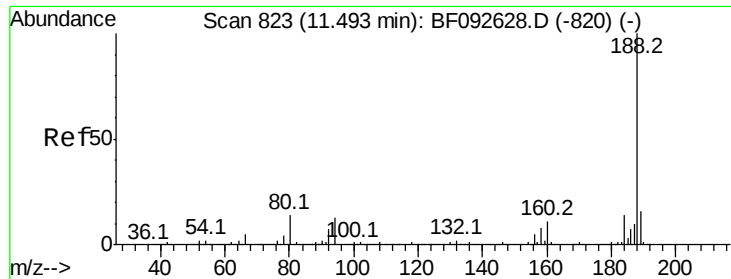
#44
 2-Fluorobiphenyl
 Concen: 112.36 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.1	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

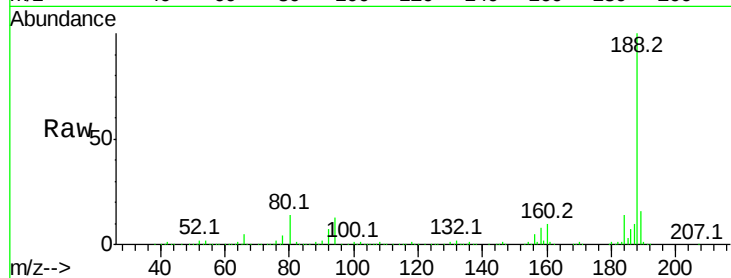




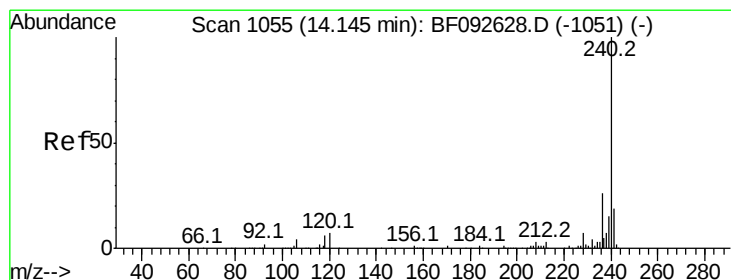
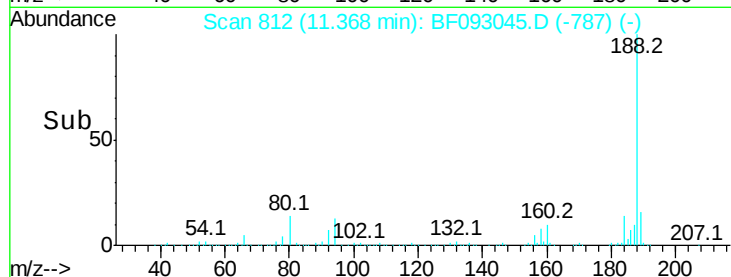
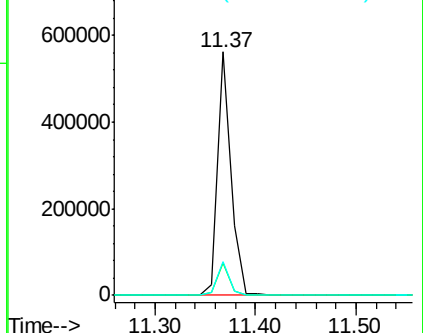
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093045.D
Acq: 20 Feb 2017 22:59

Instrument :
BNA_F
ClientSampleId :
B1-5

Tot Ion:188 Resp: 522620
Ion Ratio Lower Upper
188 100
94 13.3 10.0 15.0
80 13.7 11.2 16.8

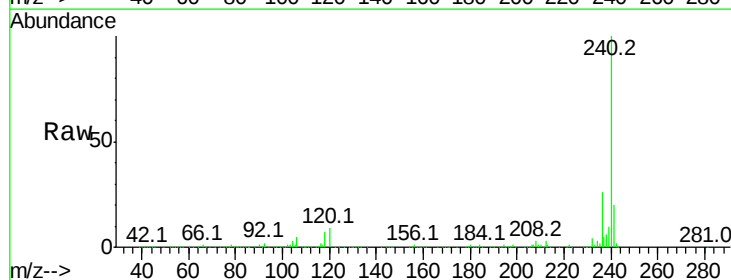


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

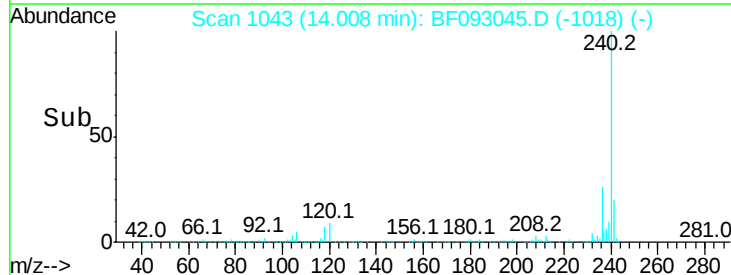
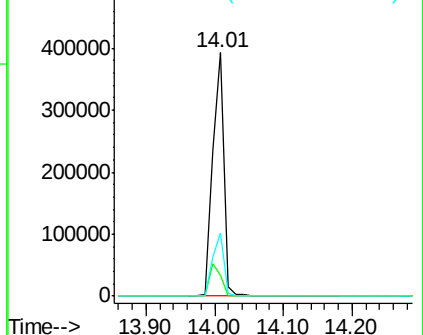


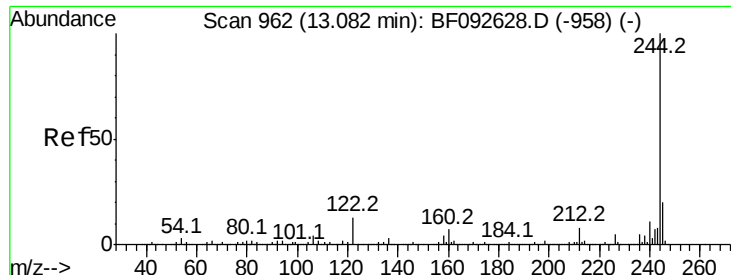
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093045.D
Acq: 20 Feb 2017 22:59

Tgt Ion:240 Resp: 450075
Ion Ratio Lower Upper
240 100
120 8.6 12.9 19.3#
236 26.1 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: 74.74 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

Instrument :

BNA_F

ClientSampleId :

B1-5

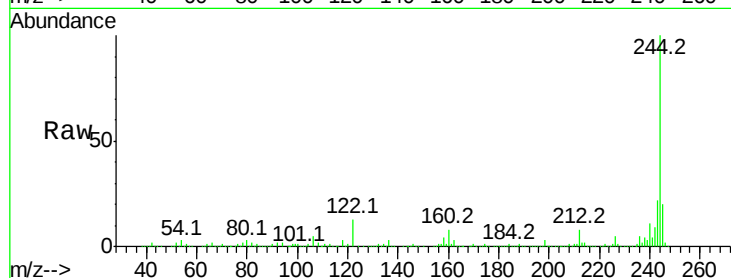
Tot Ion:244 Resp: 1431568

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

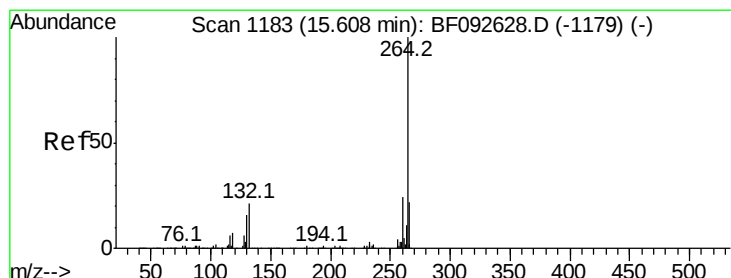
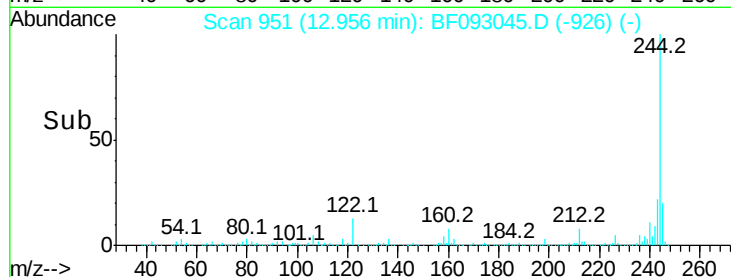
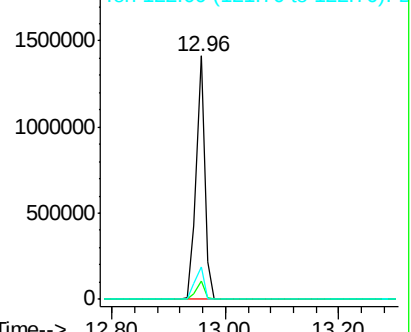
122 13.1 11.4 17.2



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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

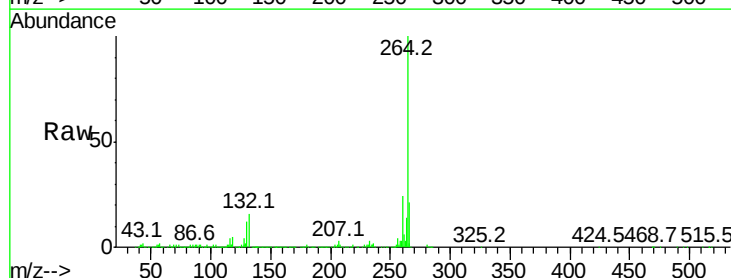
Tgt Ion:264 Resp: 320611

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.9 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

