

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093141.D
 Acq On : 24 Feb 2017 10:11
 Operator : SJ/MA
 Sample : I1939-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 021717-PRRT-E-U-M

Quant Time: Feb 24 11:02:16 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

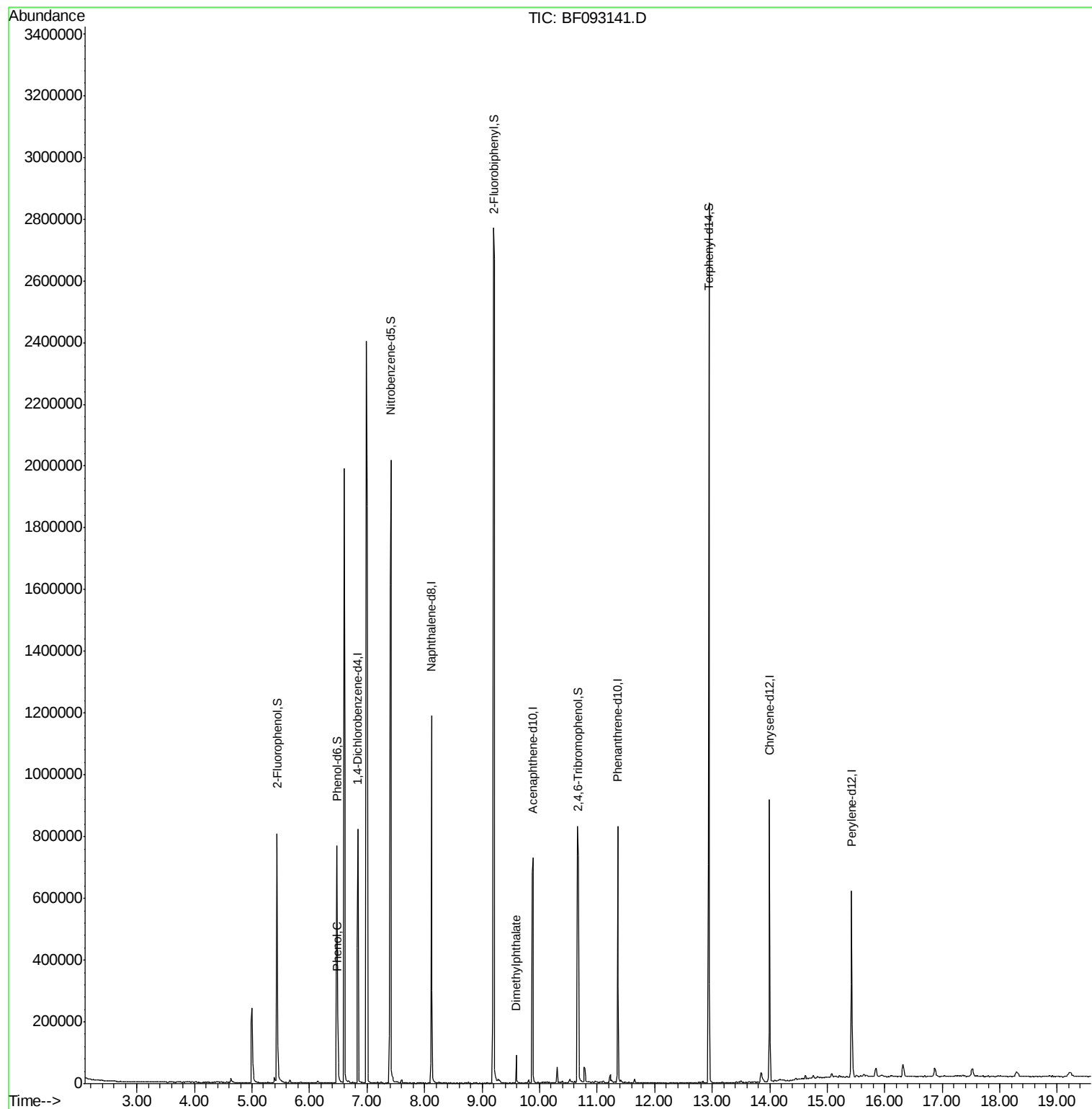
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	148962	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	536927	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	212405	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	326032	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	310888	20.00	ng	-0.02
86) Perylene-d12	15.43	264	267557	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	340730	39.24	ng	-0.01
7) Phenol-d6	6.48	99	259050	23.19	ng	-0.01
23) Nitrobenzene-d5	7.41	82	921554	95.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	136533	88.87	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1397367	119.19	ng	-0.01
78) Terphenyl-d14	12.94	244	864025	65.30	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	34920	2.67	ng	Qvalue # 76
49) Dimethylphthalate	9.60	163	35435	2.48	ng	99

(#) = 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: BF093141.D

Acq: 24 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

021717-PRRT-E-U-M

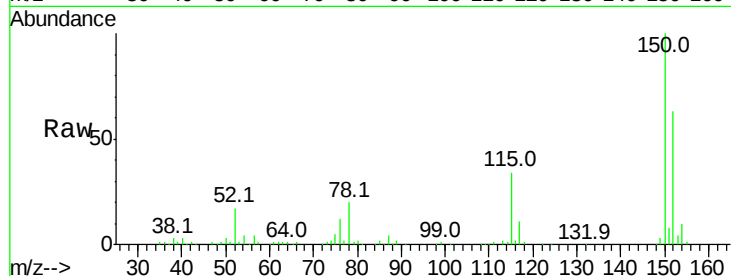
Tot Ion:152 Resp: 148962

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

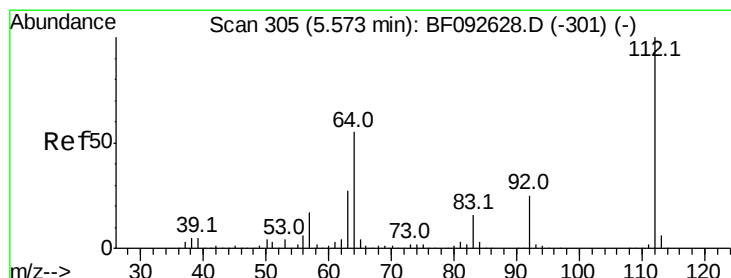
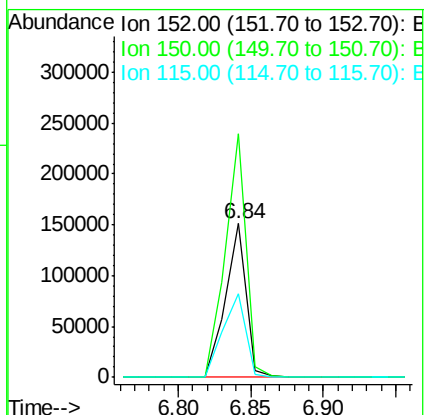
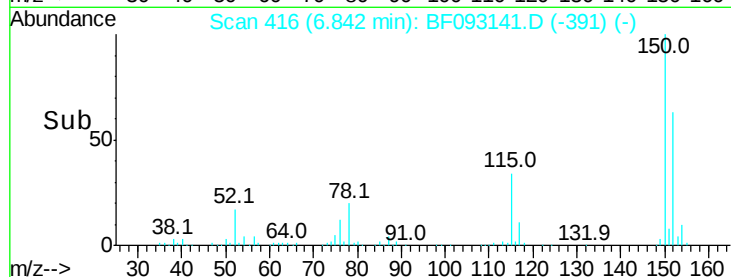
115 54.4 46.0 69.0



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: 39.24 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093141.D

Acq: 24 Feb 2017 10:11

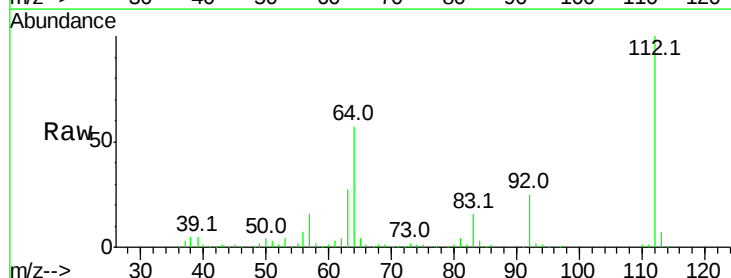
Tgt Ion:112 Resp: 340730

Ion Ratio Lower Upper

112 100

64 56.8 46.1 69.1

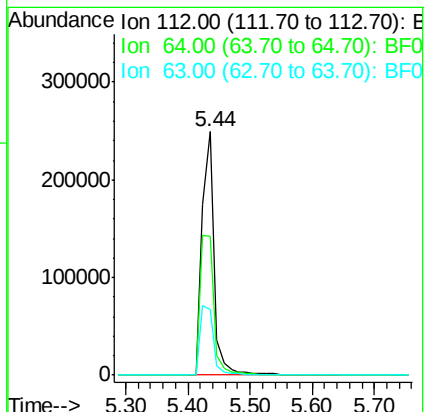
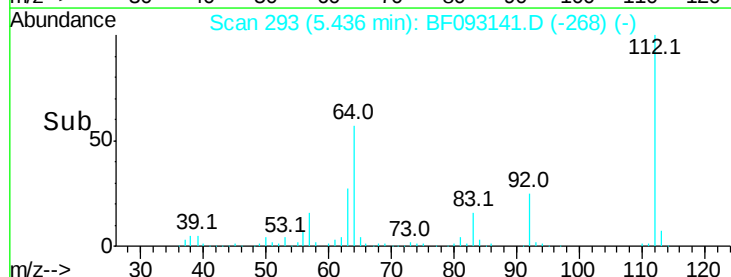
63 27.1 23.8 35.6



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: 23.19 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093141.D

Acq: 24 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

021717-PRRT-E-U-M

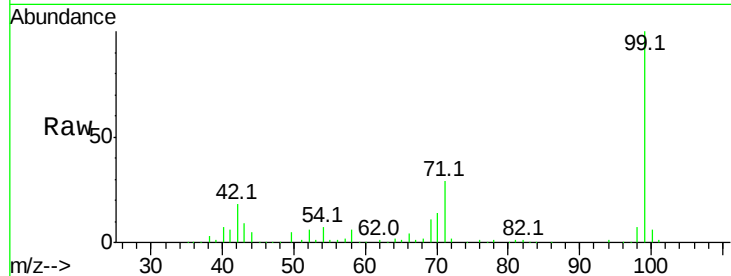
Tot Ion: 99 Resp: 259050

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

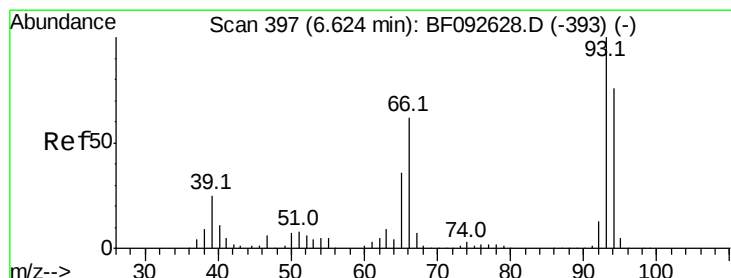
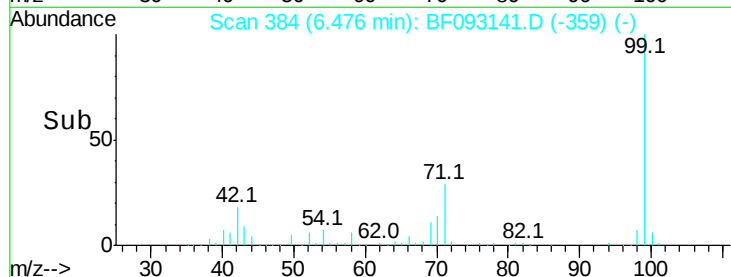
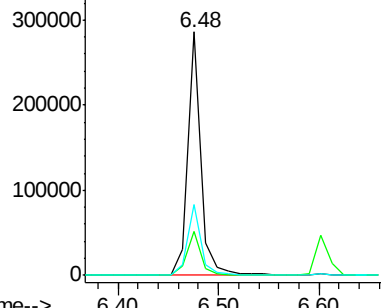
71 28.9 27.5 41.3



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



#10

Phenol

Concen: 2.67 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093141.D

Acq: 24 Feb 2017 10:11

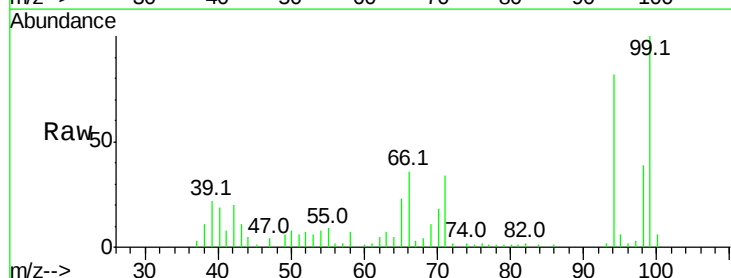
Tgt Ion: 94 Resp: 34920

Ion Ratio Lower Upper

94 100

65 28.0 21.4 61.4

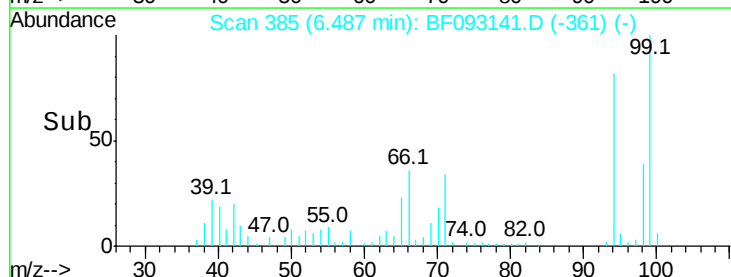
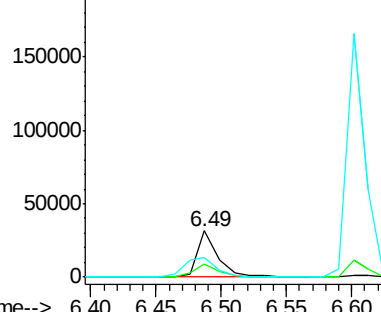
66 43.6 44.0 84.0#

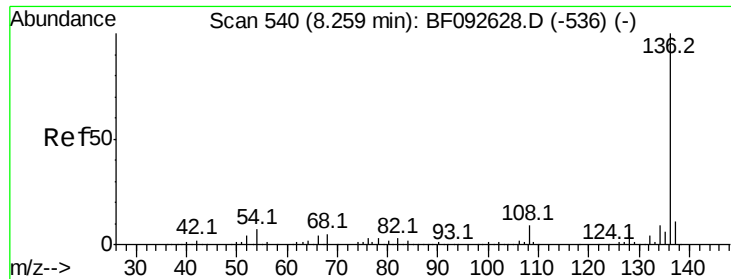


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

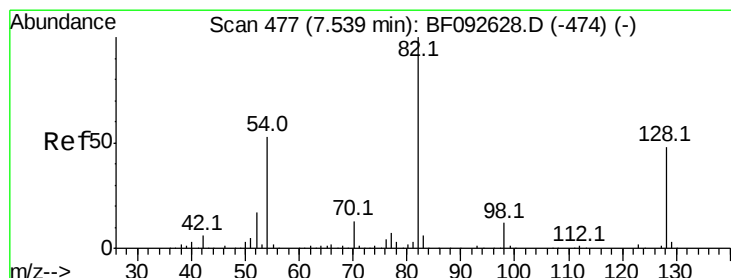
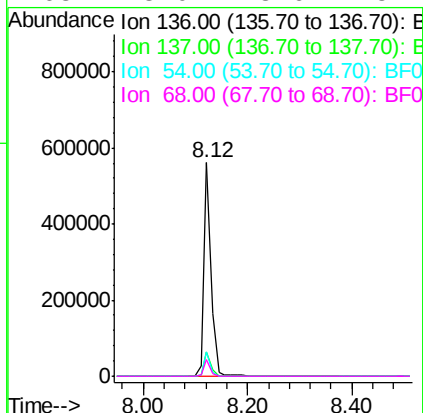
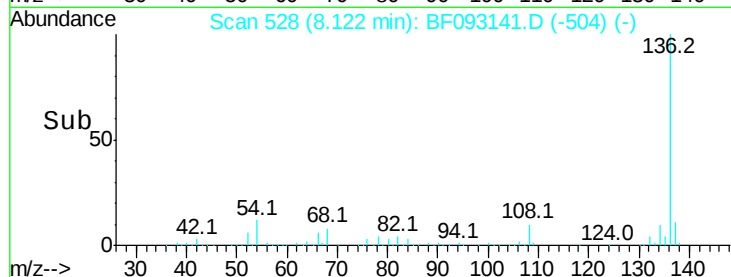
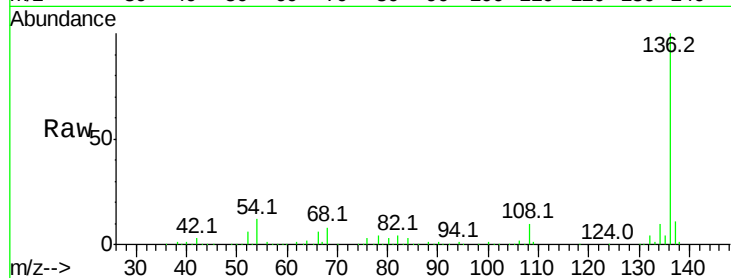




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

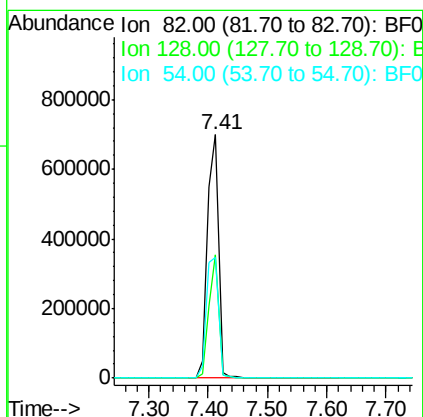
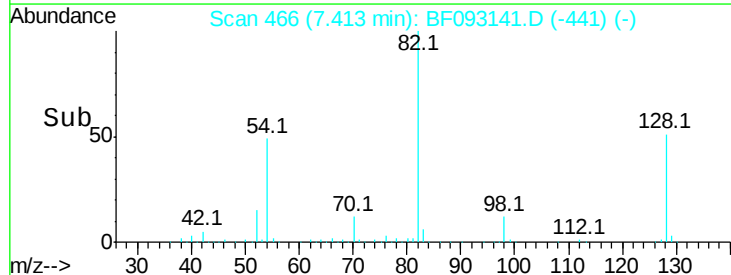
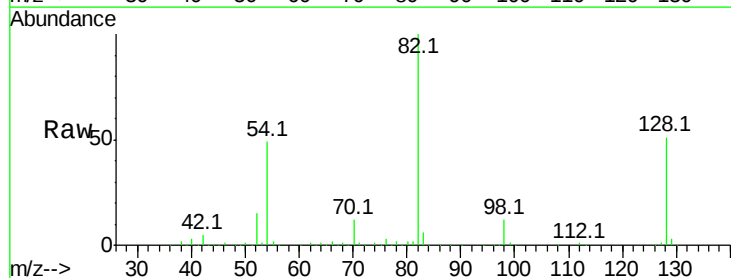
Instrument :
BNA_F
ClientSampleId :
021717-PRRT-E-U-M

Tot Ion:	136	Resp:	536927
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.7	4.5	6.7#
68	8.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 95.58 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

Tgt Ion:	82	Resp:	921554
Ion	Ratio	Lower	Upper
82	100		
128	50.7	34.6	52.0
54	49.3	39.5	59.3

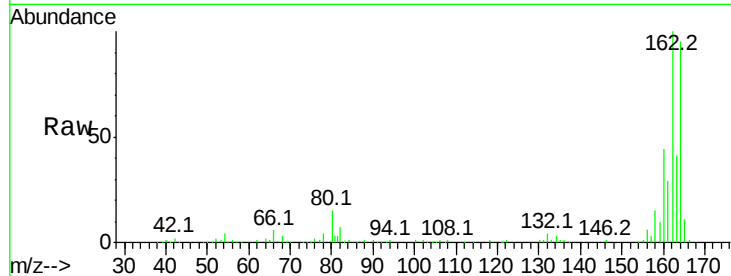




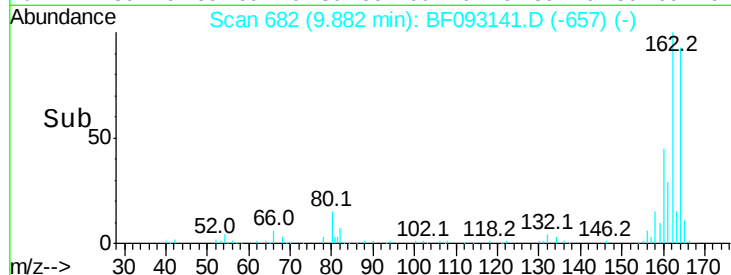
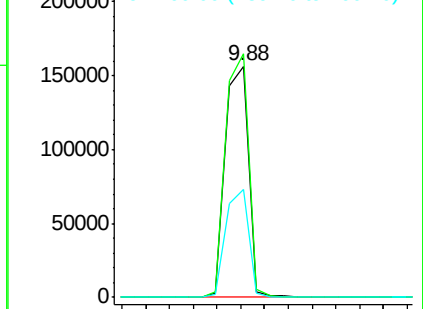
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
021717-PRRT-E-U-M

Tot Ion:164 Resp: 212405
Ion Ratio Lower Upper
164 100
162 105.2 80.2 120.2
160 46.7 36.9 55.3

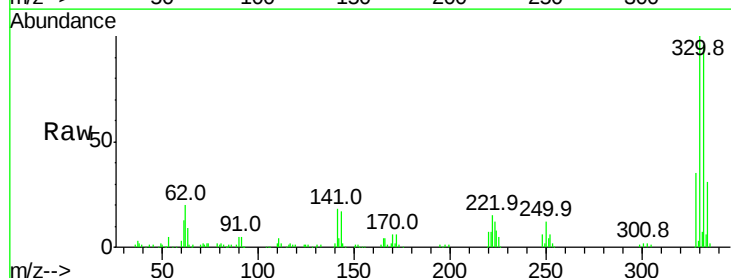


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

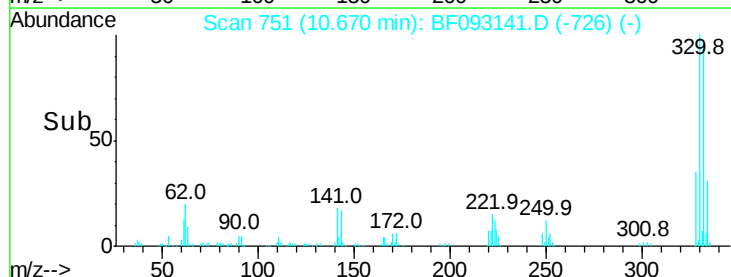
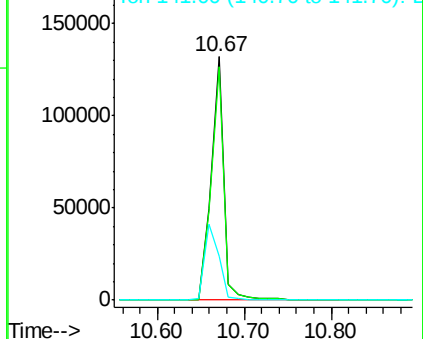


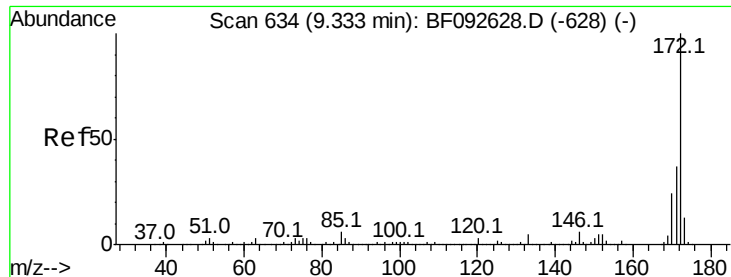
#41
2,4,6-Tribromophenol
Concen: 88.87 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

Tgt Ion:330 Resp: 136533
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 35.1 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



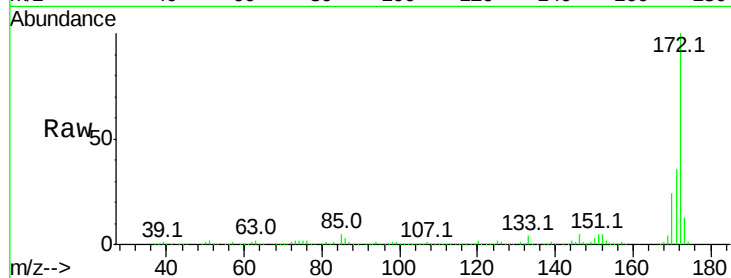


#44
 2-Fluorobiphenyl
 Concen: 119.19 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

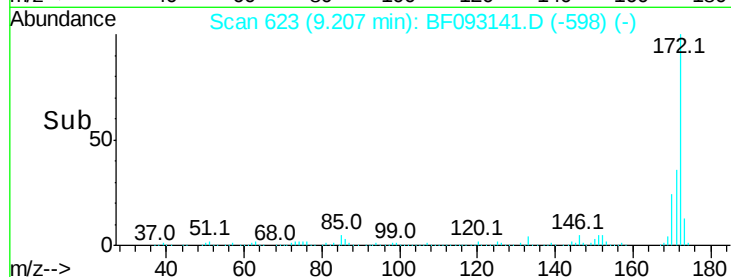
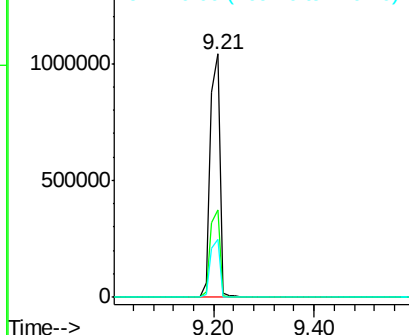
Instrument :
 BNA_F
 ClientSampleId :
 021717-PRRT-E-U-M

Tot Ion:172 Resp: 1397367

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.8	20.2	30.4



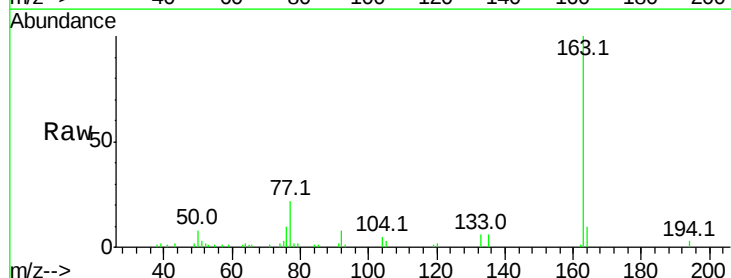
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



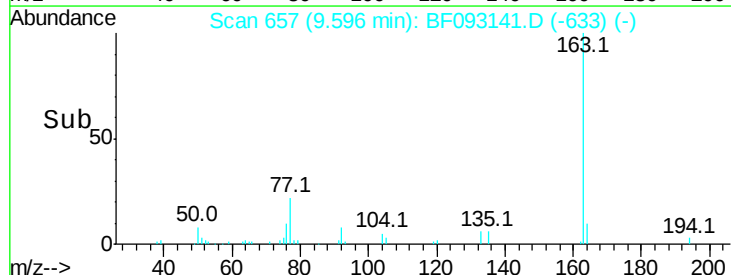
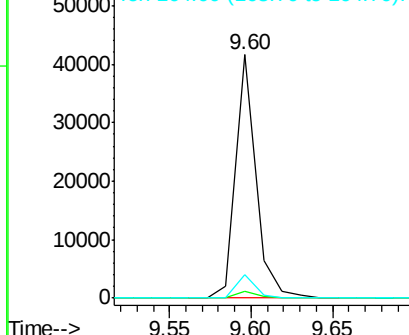
#49
 Dimethylphthalate
 Concen: 2.48 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

Tgt Ion:163 Resp: 35435

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	9.8	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

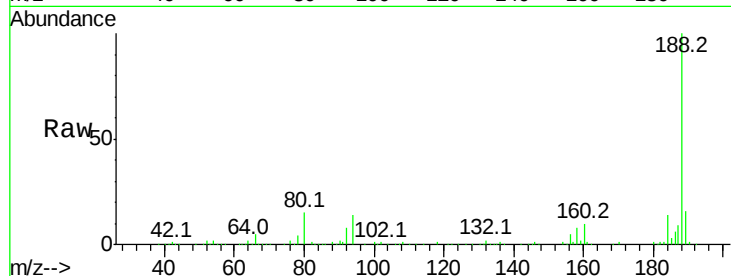




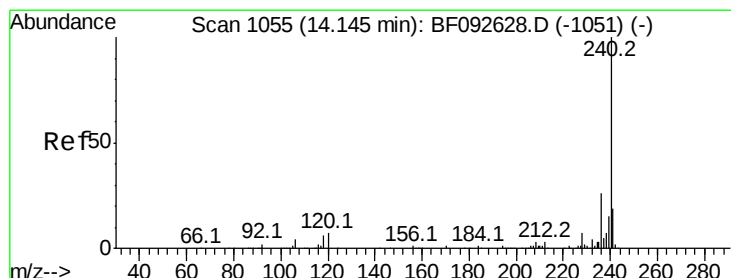
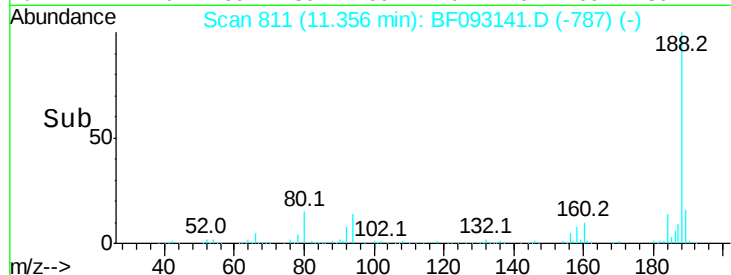
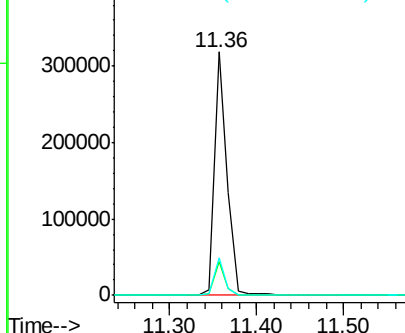
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
021717-PRRT-E-U-M

Tot Ion:188 Resp: 326032
Ion Ratio Lower Upper
188 100
94 13.7 10.0 15.0
80 15.3 11.2 16.8

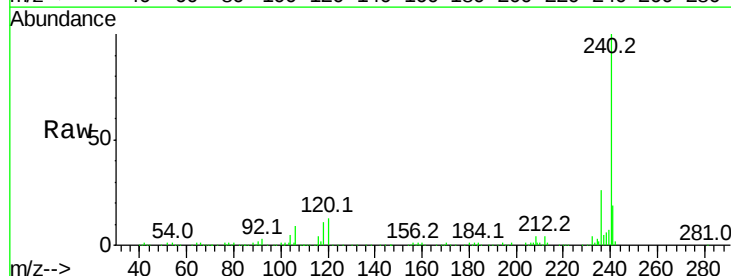


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

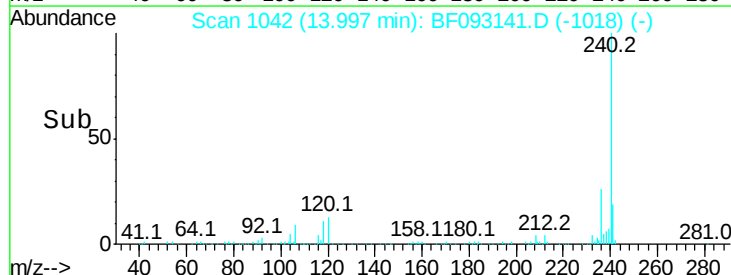
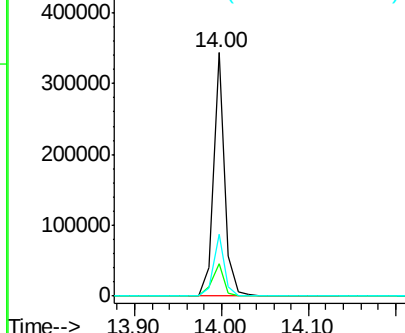


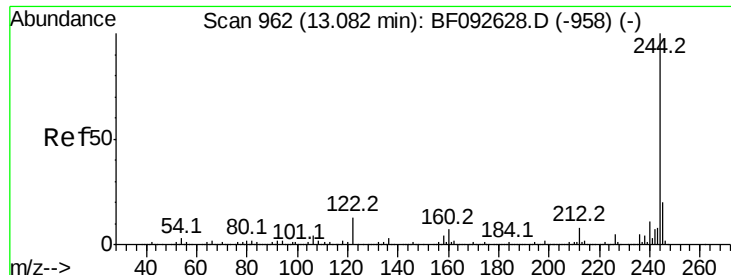
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

Tgt Ion:240 Resp: 310888
Ion Ratio Lower Upper
240 100
120 13.3 12.9 19.3
236 25.6 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

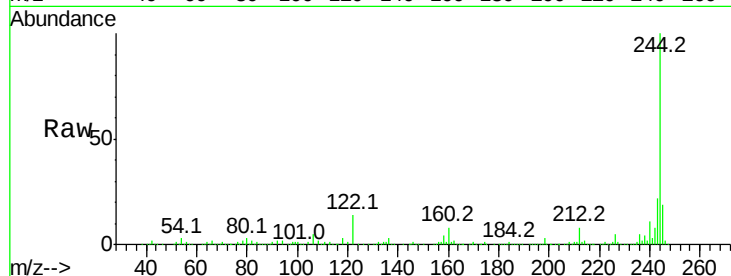




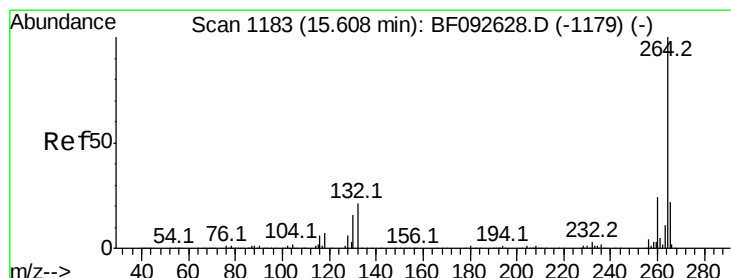
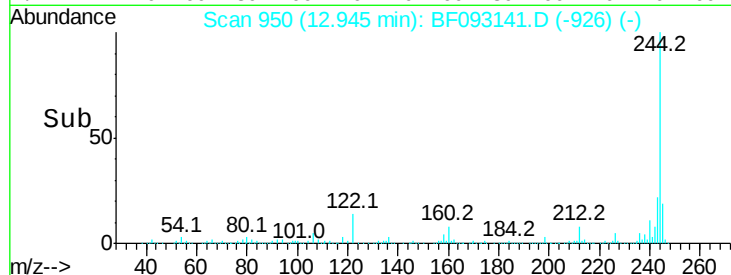
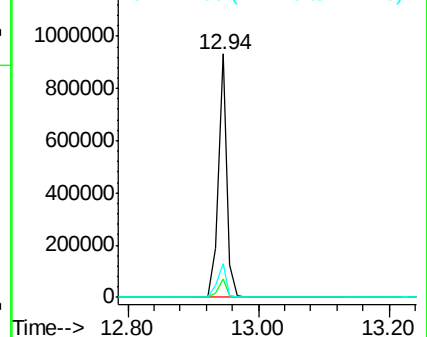
#78
 Terphenyl-d14
 Concen: 65.30 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 021717-PRRT-E-U-M

Tot Ion:244 Resp: 864025
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 14.0 11.4 17.2

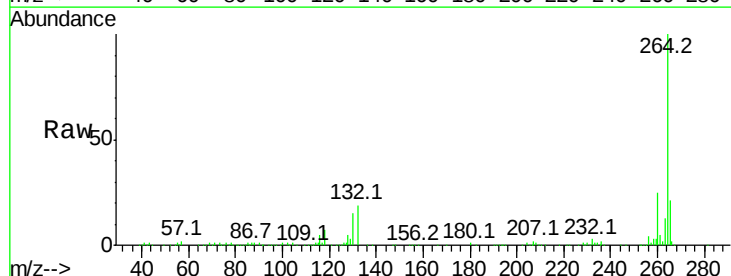


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

Tgt Ion:264 Resp: 267557
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.1 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

