

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093821.D
 Acq On : 22 Mar 2017 7:19
 Operator : SJ/MA
 Sample : I2323-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031717-PRRT-E-U-M

Quant Time: Mar 22 07:42:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

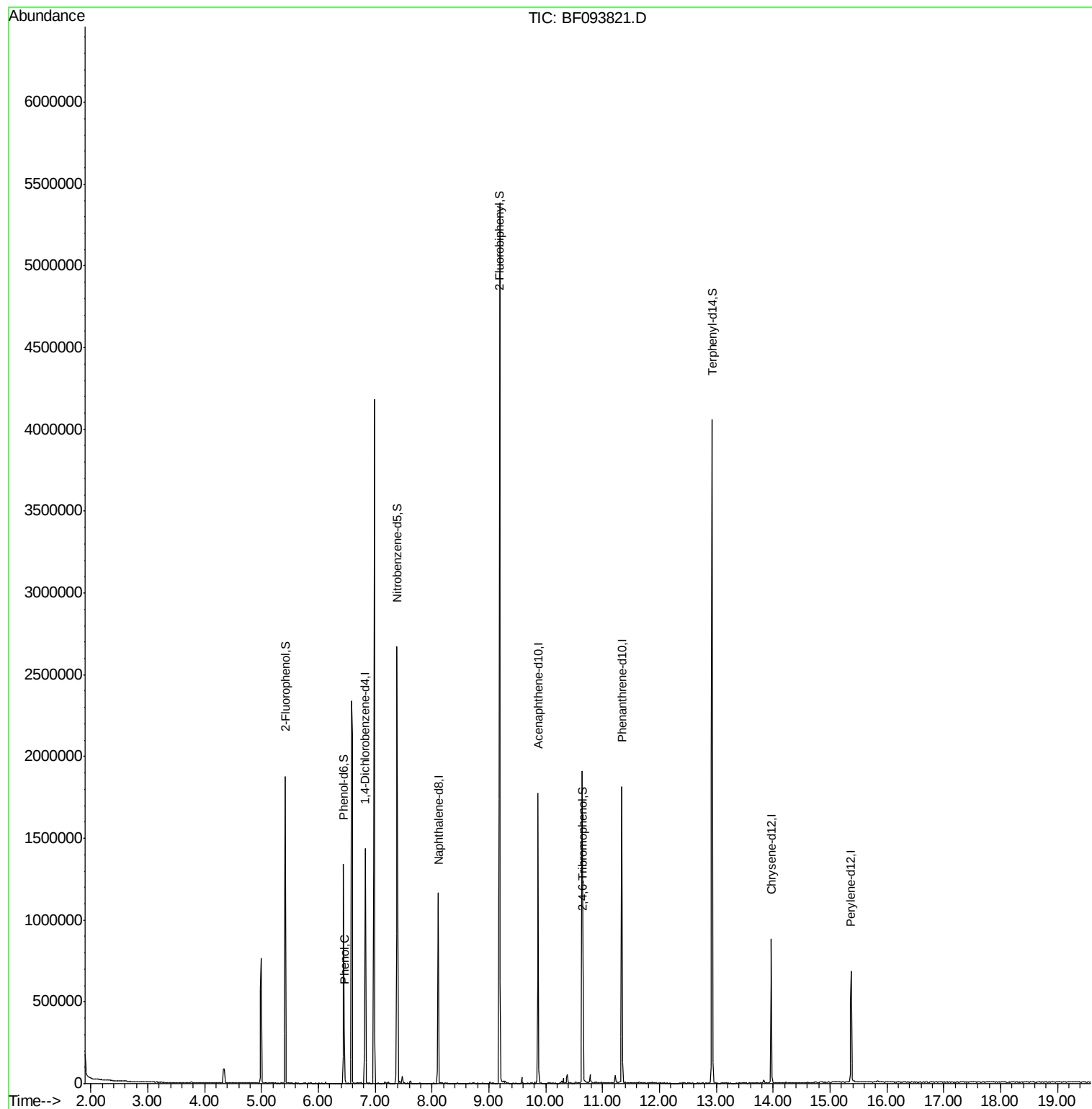
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	201981	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	807639	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	380619	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	605886	20.00	ng	0.00
75) Chrysene-d12	13.97	240	392035	20.00	ng	0.00
86) Perylene-d12	15.37	264	334433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	517289	44.79	ng	0.00
7) Phenol-d6	6.45	99	406480	28.48	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1155745	81.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	249354	84.58	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1848821	81.68	ng	0.00
78) Terphenyl-d14	12.93	244	1358512	70.65	ng	0.00
Target Compounds						
10) Phenol	6.46	94	54484	3.40	ng	Qvalue 95

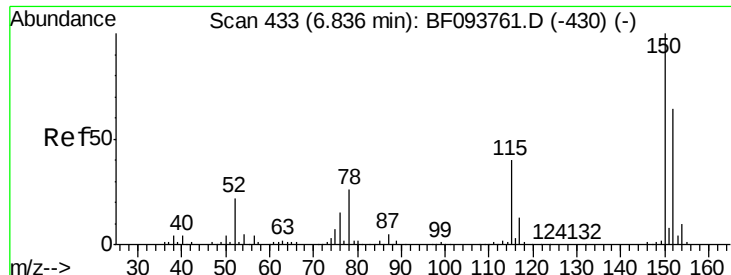
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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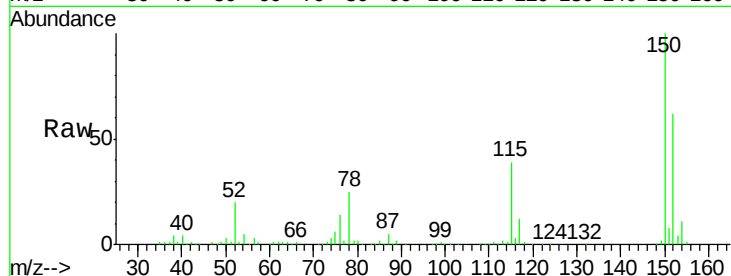


#1

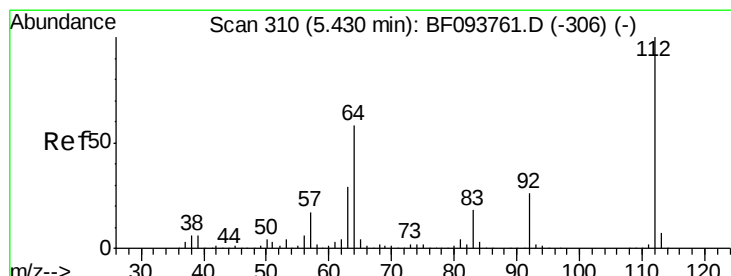
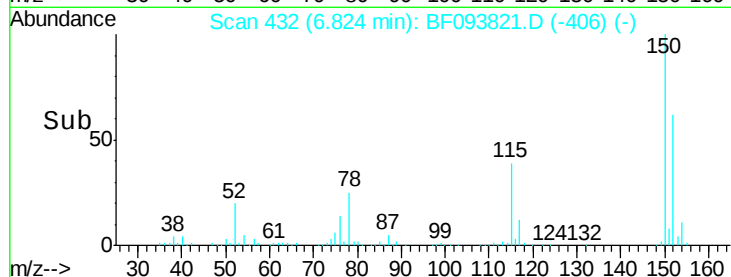
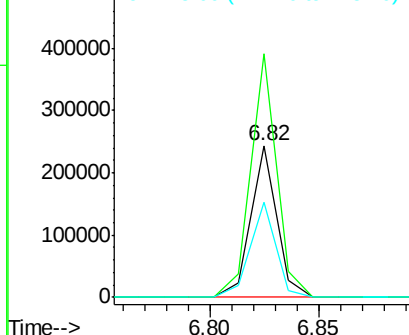
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093821.D
Acq: 22 Mar 2017 7:19

Instrument :
BNA_F
ClientSampleId :
031717-PRRT-E-U-M

Tgt Ion:152 Resp: 201981
Ion Ratio Lower Upper
152 100
150 160.4 126.2 189.2
115 63.0 52.2 78.2



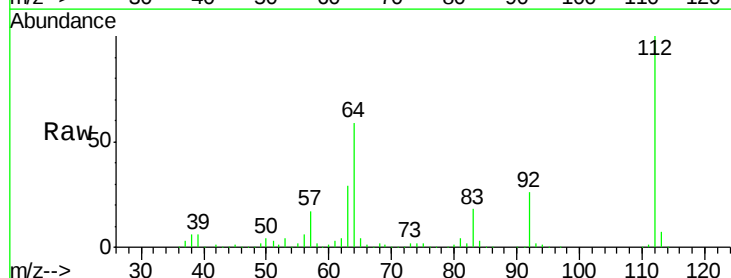
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



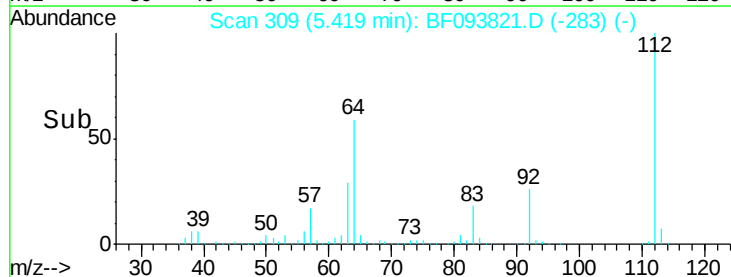
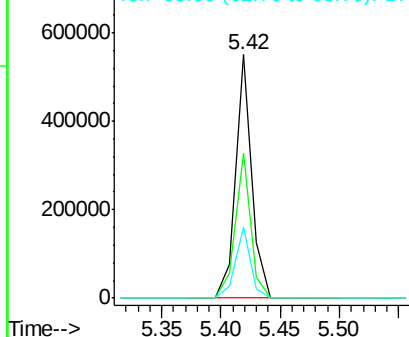
#5

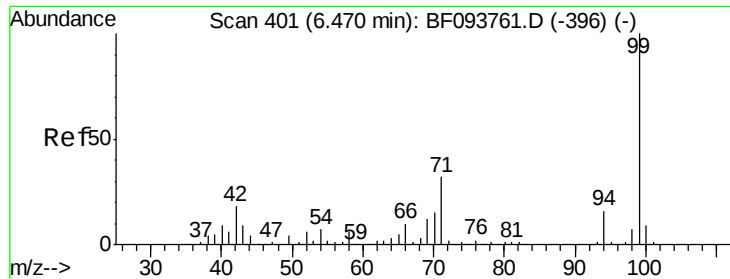
2-Fluorophenol
Concen: 44.79 ng
RT: 5.42 min Scan# 309
Delta R.T. -0.00 min
Lab File: BF093821.D
Acq: 22 Mar 2017 7:19

Tgt Ion:112 Resp: 517289
Ion Ratio Lower Upper
112 100
64 59.4 46.0 69.0
63 28.9 23.4 35.0



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: 28.48 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093821.D

Acq: 22 Mar 2017 7:19

Instrument :

BNA_F

ClientSampleId :

031717-PRRT-E-U-M

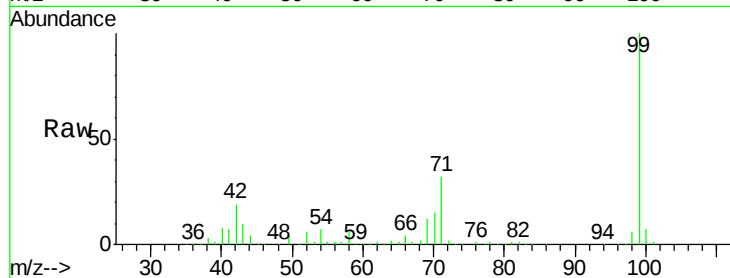
Tgt Ion: 99 Resp: 406480

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

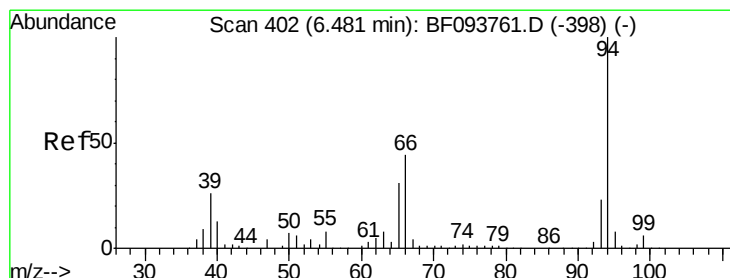
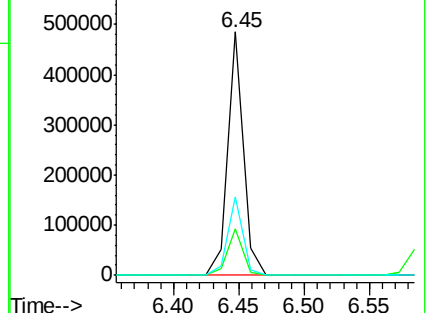
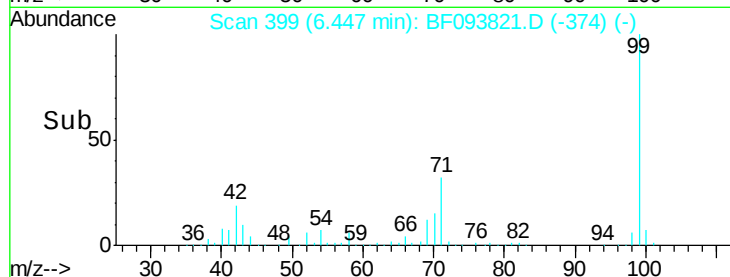
71 32.0 24.5 36.7



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: 3.40 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF093821.D

Acq: 22 Mar 2017 7:19

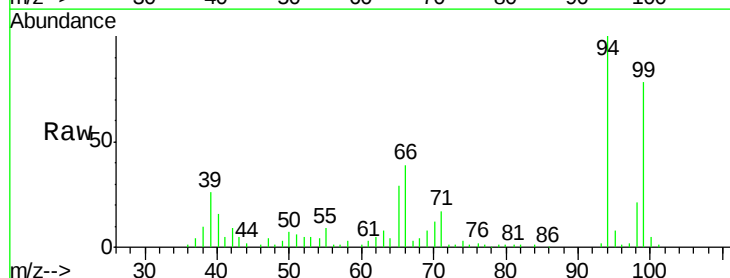
Tgt Ion: 94 Resp: 54484

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

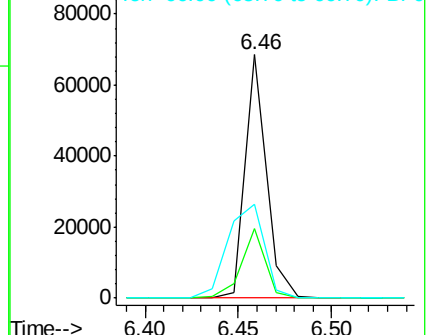
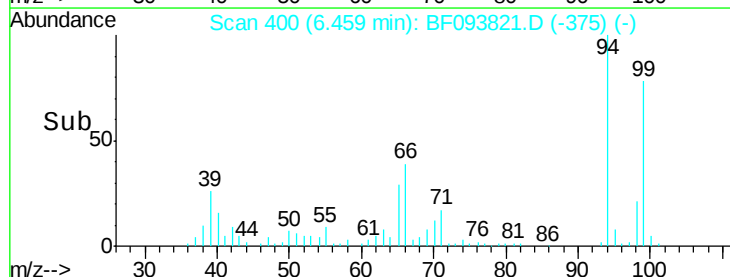
66 38.5 23.1 63.1

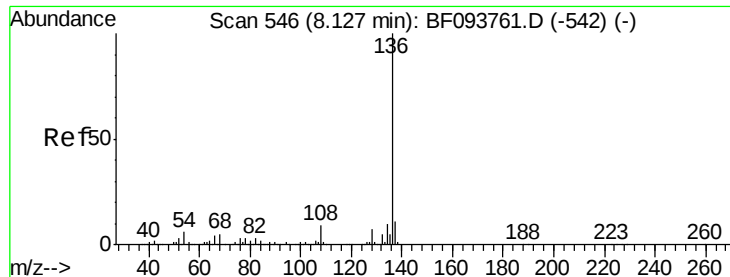


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

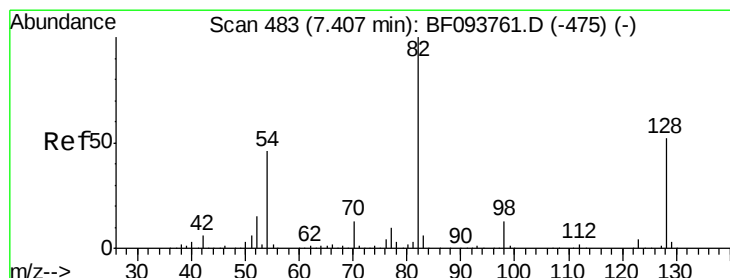
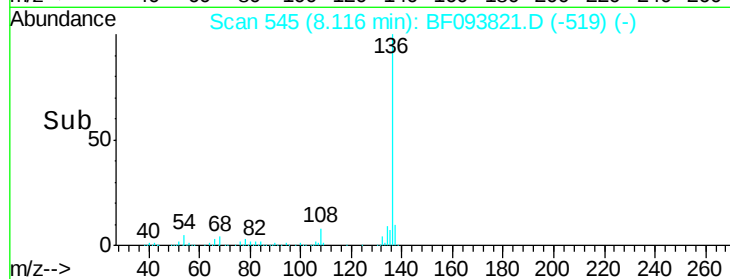
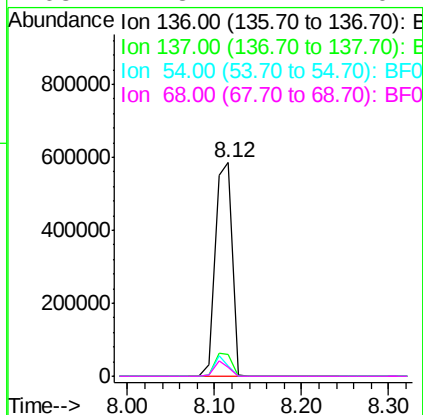
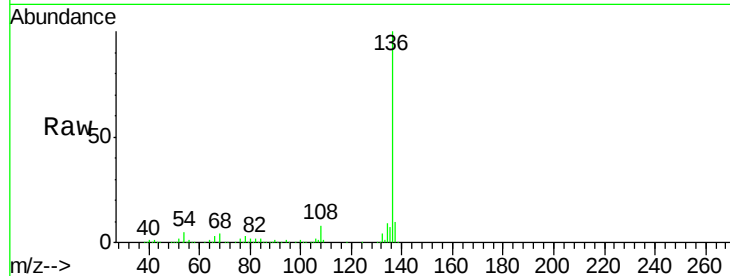




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093821.D
Acq: 22 Mar 2017 7:19

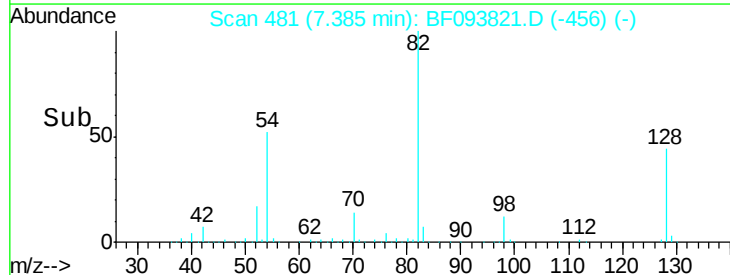
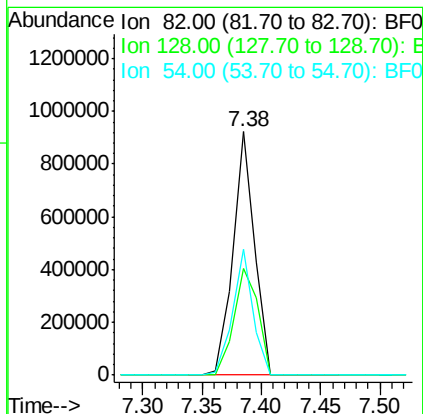
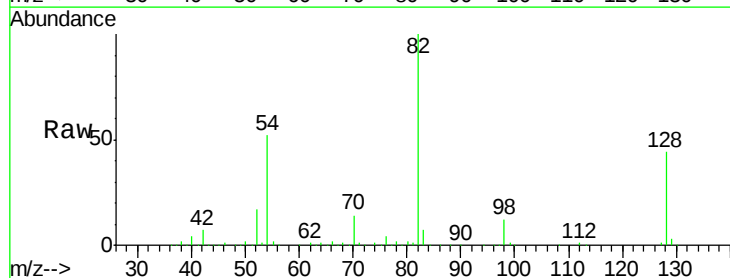
Instrument :
BNA_F
ClientSampleId :
031717-PRRT-E-U-M

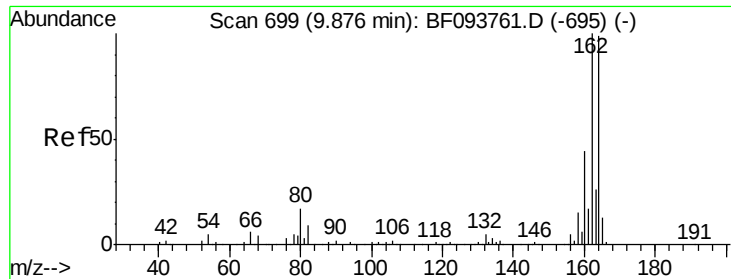
Tgt Ion:	136	Resp:	807639
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	5.1	4.9	7.3
68	4.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 81.18 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093821.D
Acq: 22 Mar 2017 7:19

Tgt Ion:	82	Resp:	1155745
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	51.5	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093821.D

Acq: 22 Mar 2017 7:19

Instrument :

BNA_F

ClientSampleId :

031717-PRRT-E-U-M

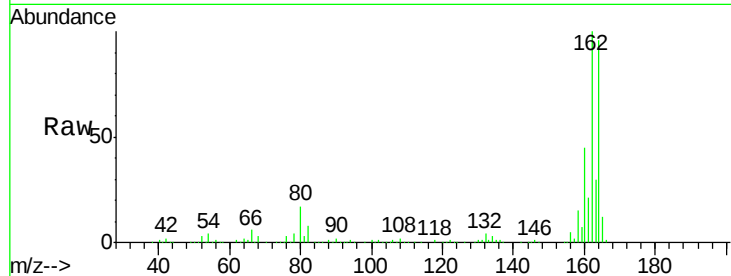
Tgt Ion:164 Resp: 380619

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

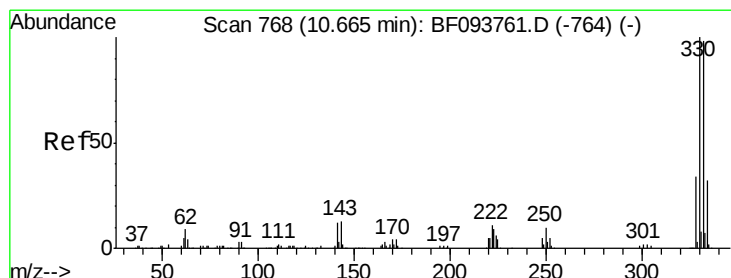
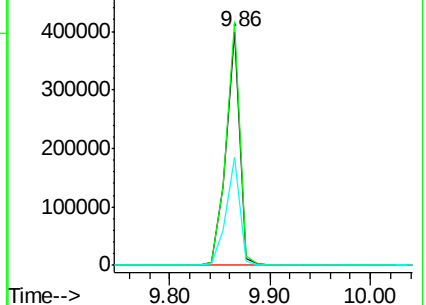
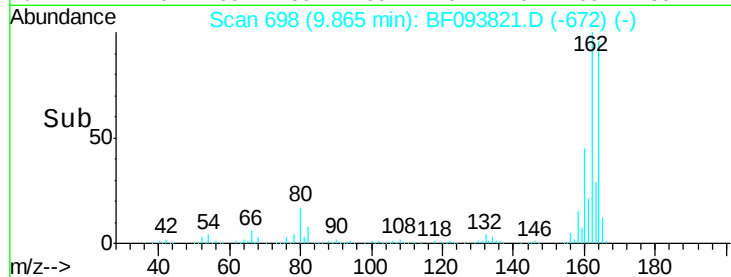
160 46.4 36.2 54.2



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: 84.58 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF093821.D

Acq: 22 Mar 2017 7:19

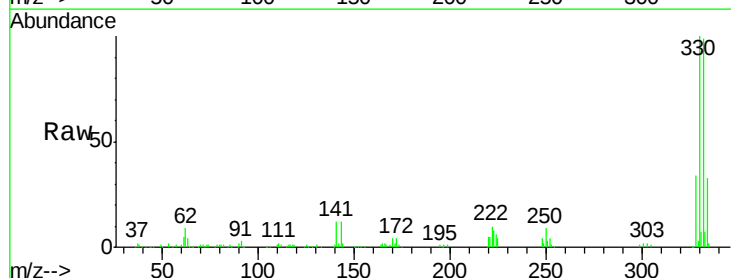
Tgt Ion:330 Resp: 249354

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

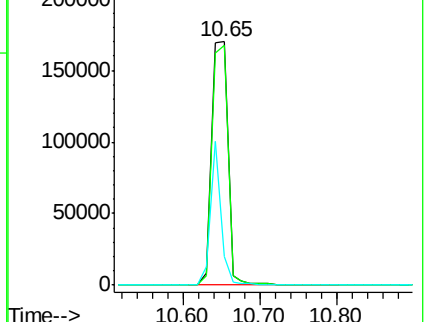
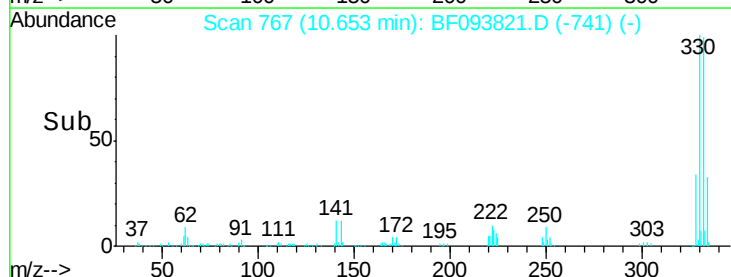
141 37.9 31.4 47.2

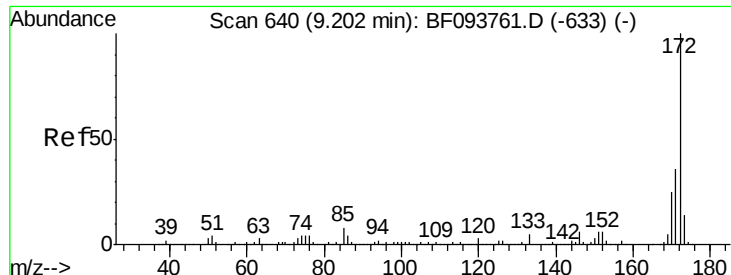


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

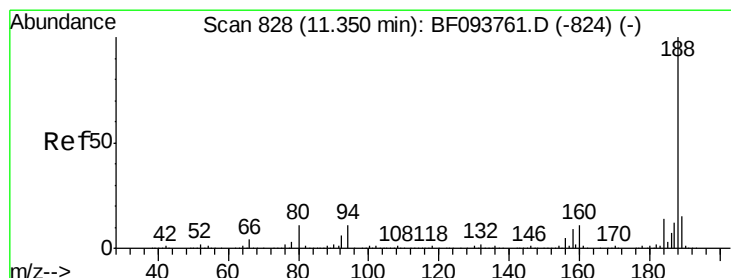
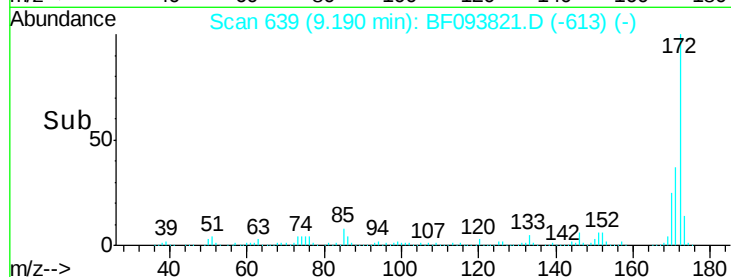
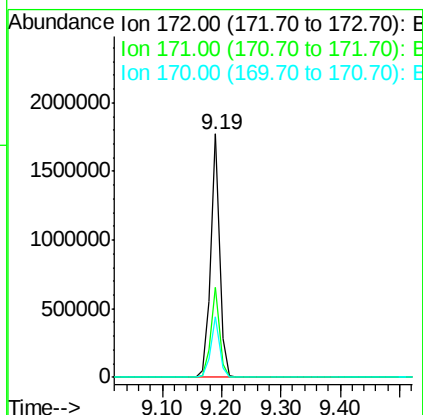
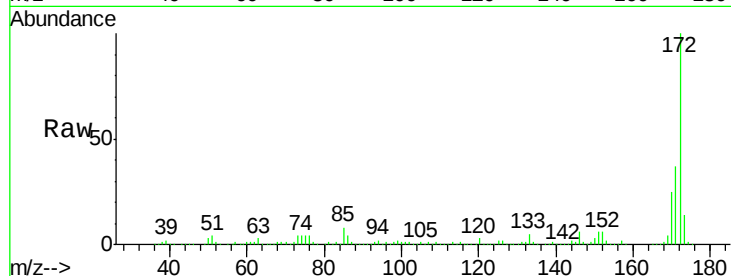




#44
 2-Fluorobiphenyl
 Concen: 81.68 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093821.D
 Acq: 22 Mar 2017 7:19

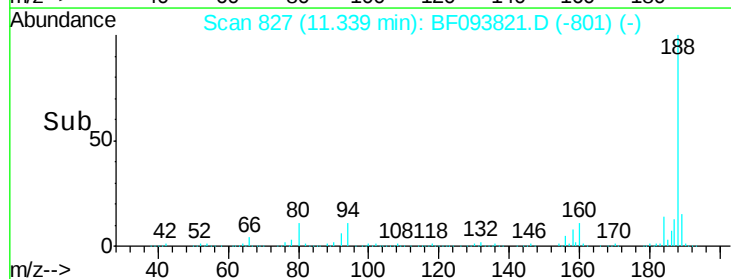
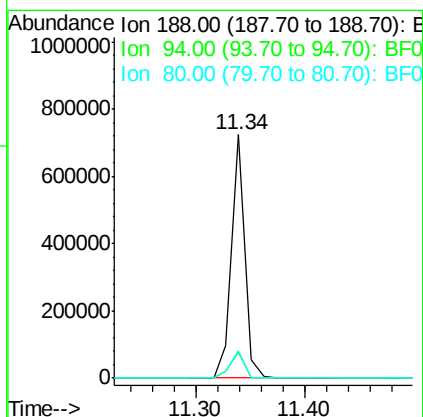
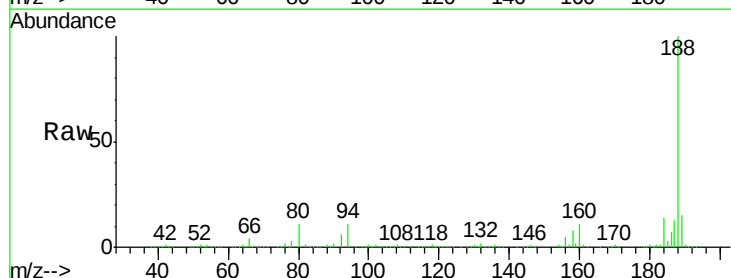
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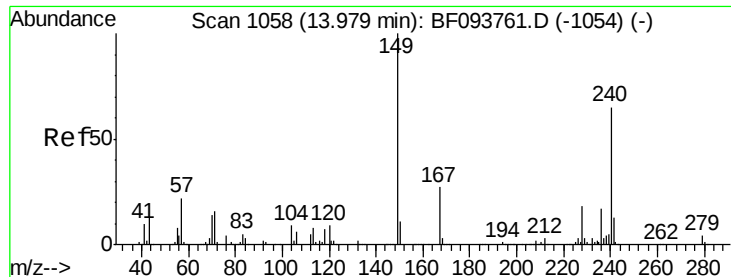
Tgt Ion:172 Resp: 1848821
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.7 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF093821.D
 Acq: 22 Mar 2017 7:19

Tgt Ion:188 Resp: 605886
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.0 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093821.D

Acq: 22 Mar 2017 7:19

Instrument :

BNA_F

ClientSampleId :

031717-PRRT-E-U-M

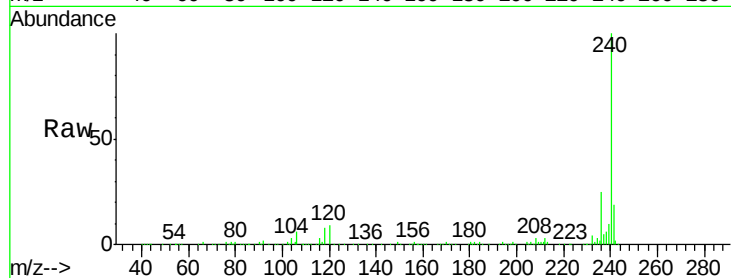
Tgt Ion:240 Resp: 392035

Ion Ratio Lower Upper

240 100

120 9.3 5.8 8.8#

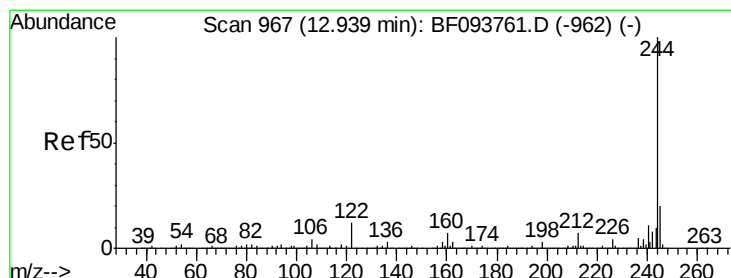
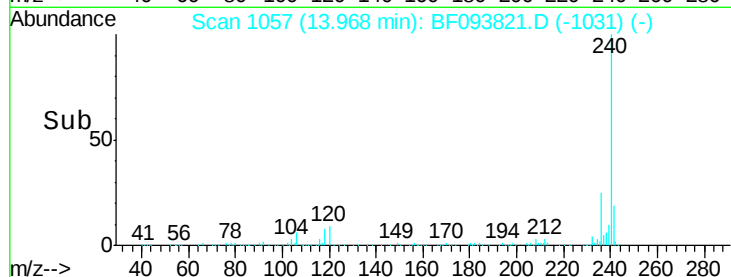
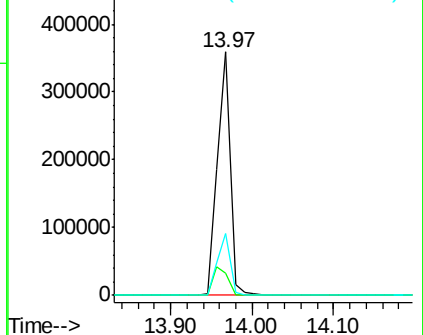
236 25.2 20.5 30.7



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: 70.65 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093821.D

Acq: 22 Mar 2017 7:19

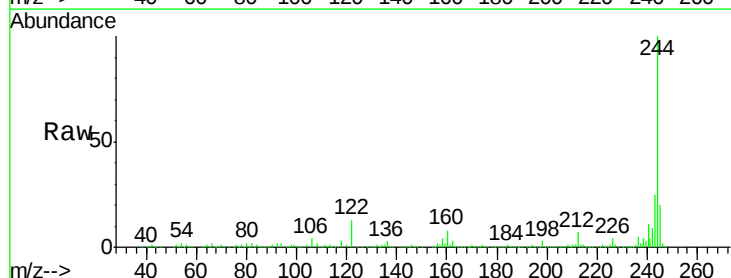
Tgt Ion:244 Resp: 1358512

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

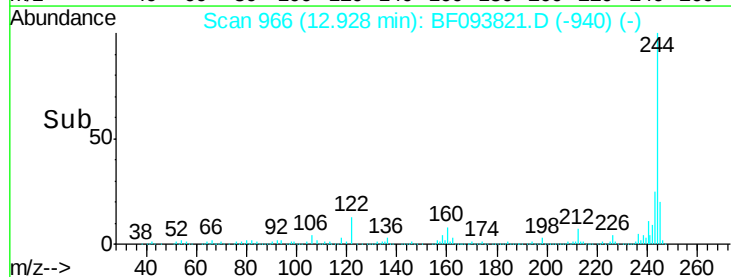
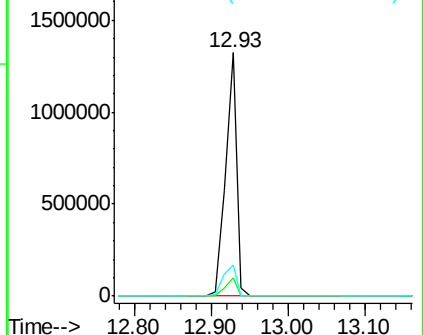
122 12.8 10.3 15.5

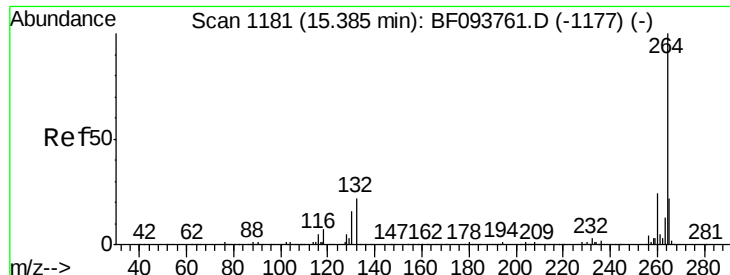


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093821.D
Acq: 22 Mar 2017 7:19

Instrument :
BNA_F
ClientSampleId :
031717-PRRT-E-U-M

Tgt Ion: 264 Resp: 334433
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 22.0 17.2 25.8

