

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
 Data File : BF093887.D
 Acq On : 23 Mar 2017 19:04
 Operator : SJ/MA
 Sample : I2362-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-EB-2017-2

Quant Time: Mar 24 01:06:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

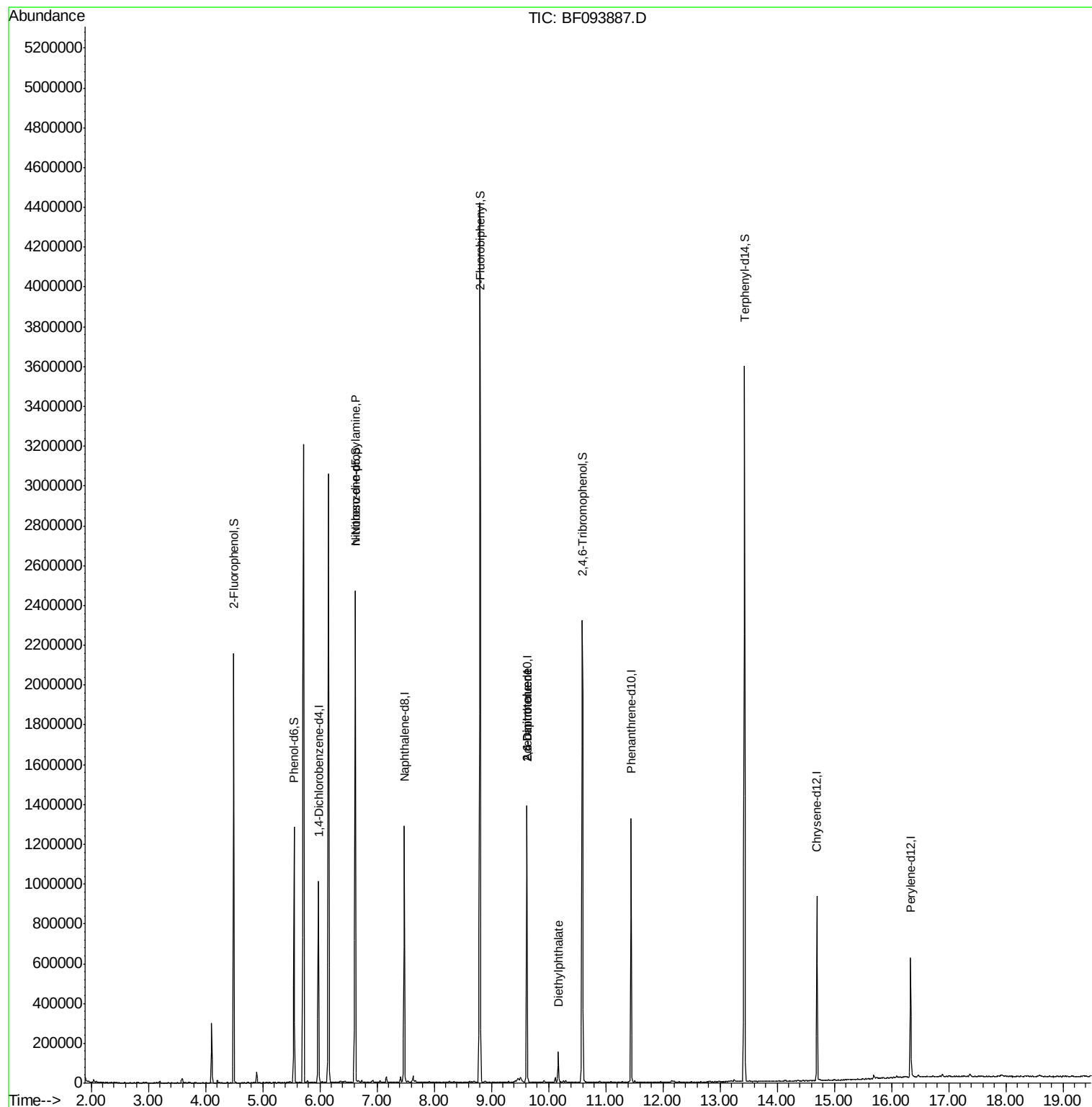
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	162074	20.00	ng	-0.01
21) Naphthalene-d8	7.47	136	653858	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	295448	20.00	ng	-0.02
63) Phenanthrene-d10	11.44	188	515767	20.00	ng	-0.02
75) Chrysene-d12	14.70	240	327141	20.00	ng	-0.02
86) Perylene-d12	16.34	264	259453	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	574625	59.88	ng	-0.01
7) Phenol-d6	5.55	99	441851	37.22	ng	-0.02
23) Nitrobenzene-d5	6.62	82	978786	85.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	324293	138.90	ng	-0.01
44) 2-Fluorobiphenyl	8.80	172	1677938	86.62	ng	-0.02
78) Terphenyl-d14	13.43	244	1376205	94.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.62	70	129275	16.94	ng	# 79
50) 2,6-Dinitrotoluene	9.62	165	37566	7.80	ng	# 34
56) 2,4-Dinitrotoluene	9.62	165	37567	6.21	ng	# 33
59) Diethylphthalate	10.17	149	56270	2.71	ng	98

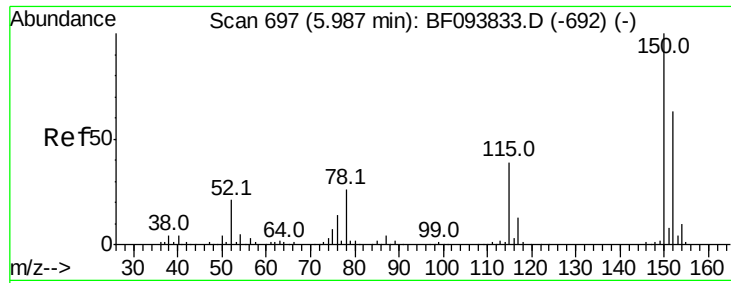
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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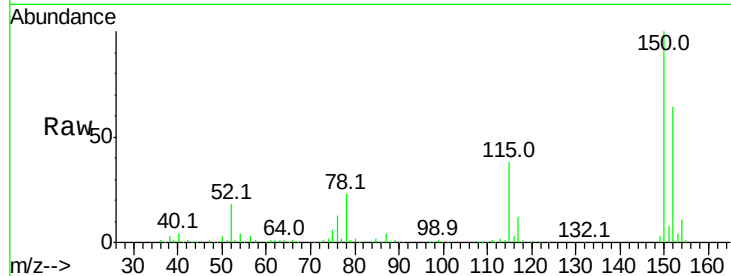


#1

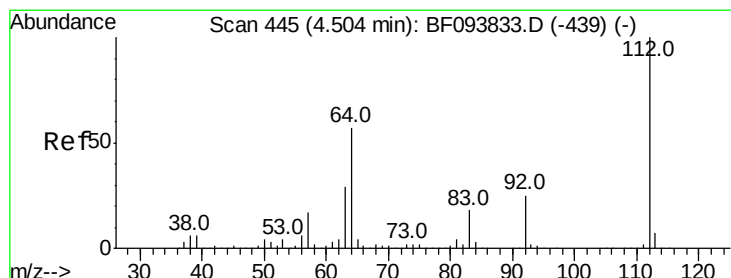
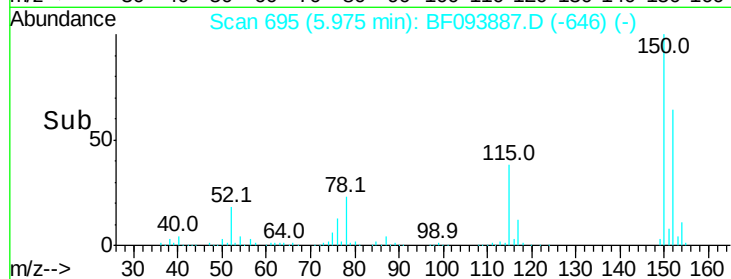
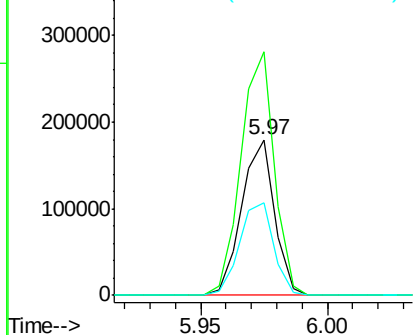
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093887.D
Acq: 23 Mar 2017 19:04

Instrument :
BNA_F
ClientSampleId :
S8-EB-2017-2

Tot Ion:152 Resp: 162074
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 59.1 52.2 78.2



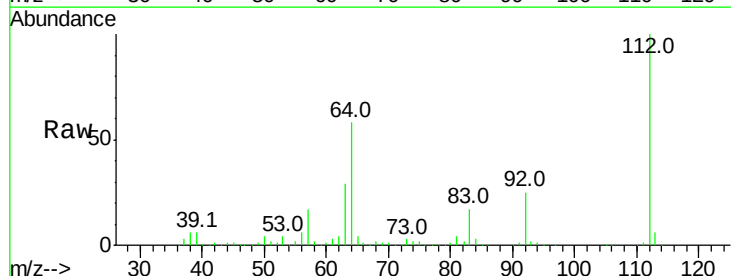
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



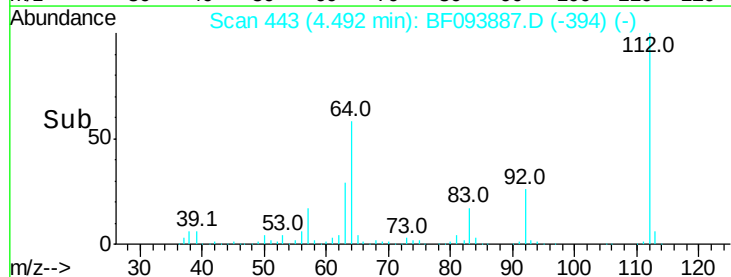
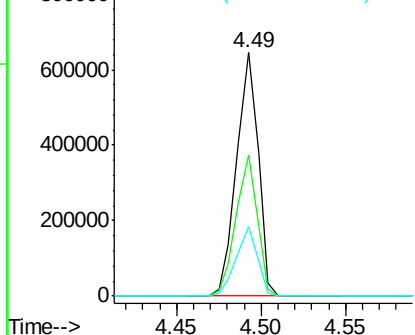
#5

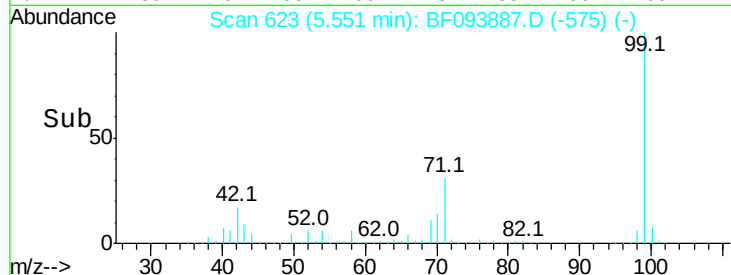
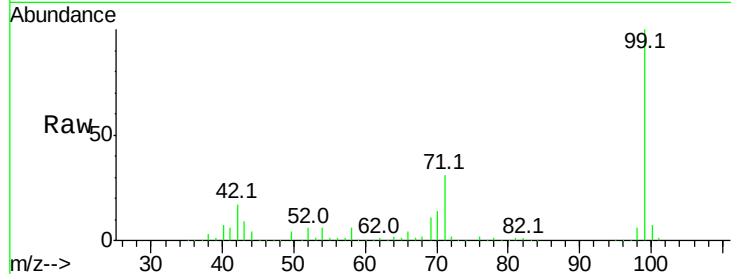
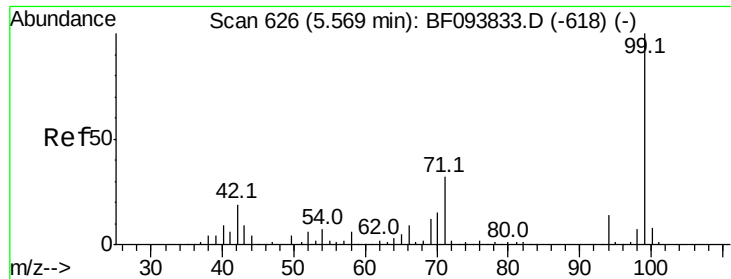
2-Fluorophenol
Concen: 59.88 ng
RT: 4.49 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF093887.D
Acq: 23 Mar 2017 19:04

Tgt Ion:112 Resp: 574625
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 28.8 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: 37.22 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093887.D

Acq: 23 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

S8-EB-2017-2

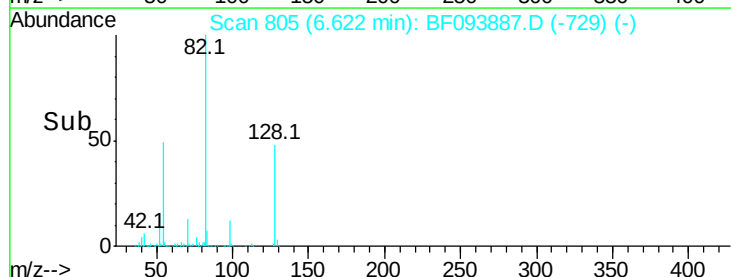
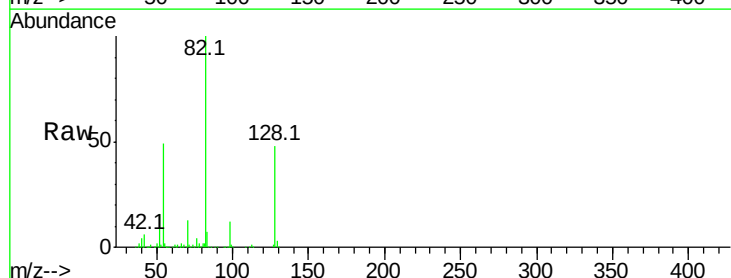
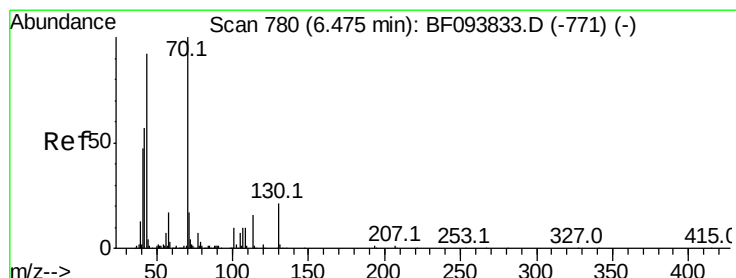
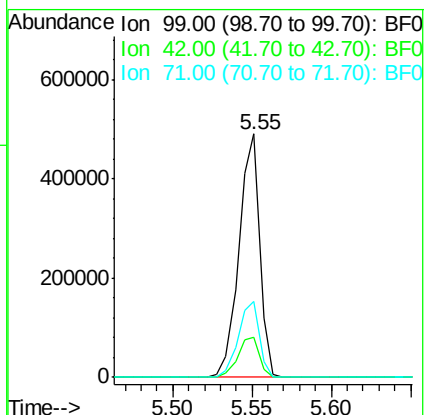
Tot Ion: 99 Resp: 441851

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

71 31.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.94 ng

RT: 6.62 min Scan# 805

Delta R.T. 0.15 min

Lab File: BF093887.D

Acq: 23 Mar 2017 19:04

Tgt Ion: 70 Resp: 129275

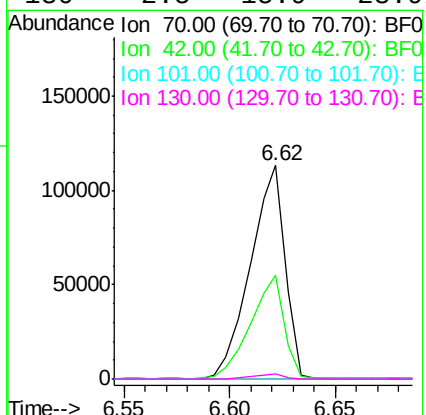
Ion Ratio Lower Upper

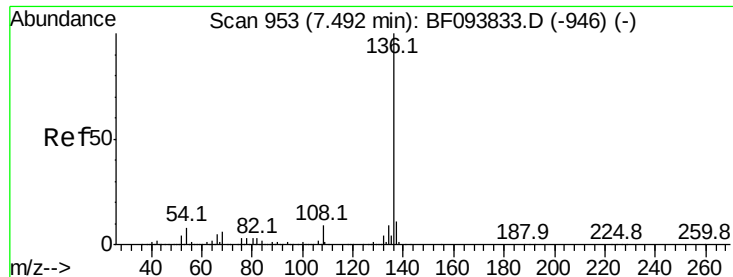
70 100

42 48.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

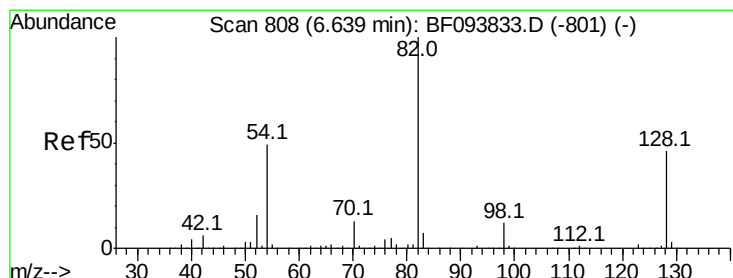
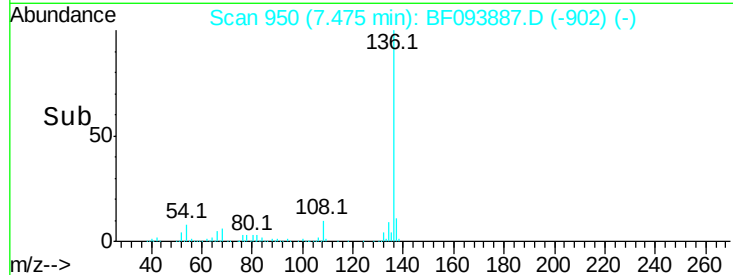
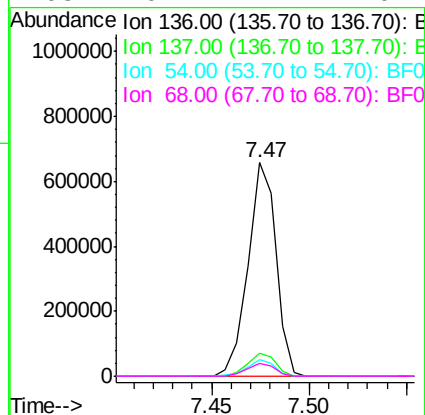
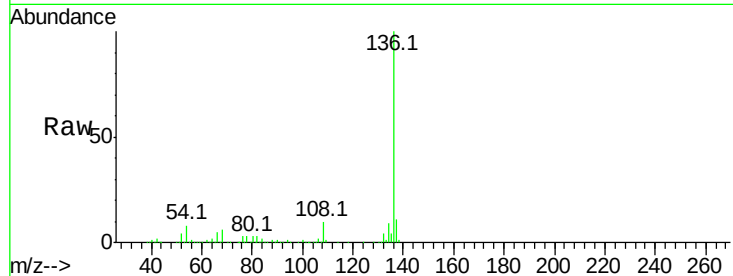




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.47 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093887.D
Acq: 23 Mar 2017 19:04

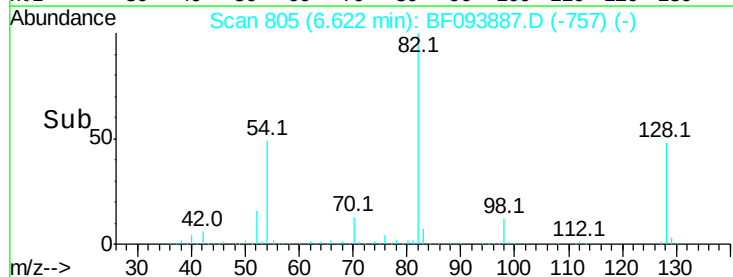
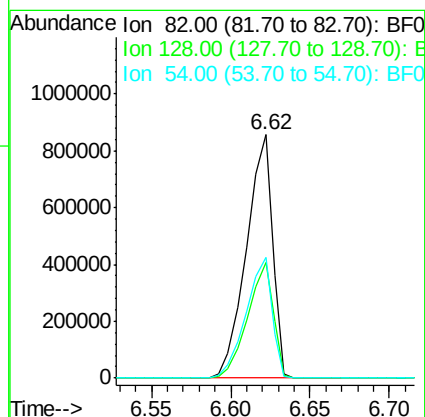
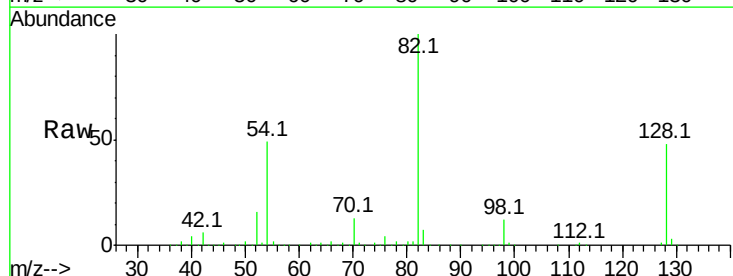
Instrument :
BNA_F
ClientSampleId :
S8-EB-2017-2

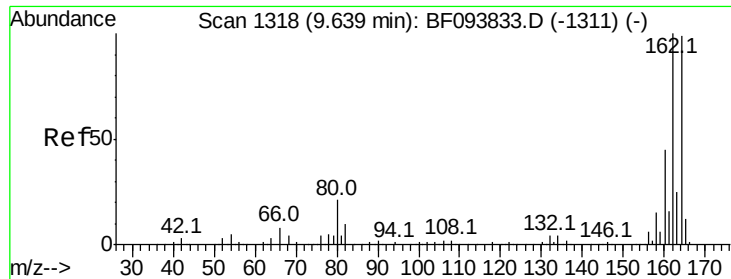
Tot Ion:136	Resp:	653858
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	7.7	4.9 7.3#
68	6.2	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 85.43 ng
RT: 6.62 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF093887.D
Acq: 23 Mar 2017 19:04

Tgt Ion: 82	Resp:	978786
Ion Ratio	Lower	Upper
82	100	
128	47.6	34.0 51.0
54	49.4	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF093887.D

Acq: 23 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

S8-EB-2017-2

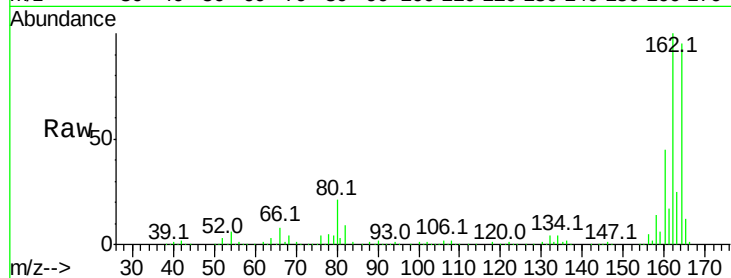
Tot Ion:164 Resp: 295448

Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

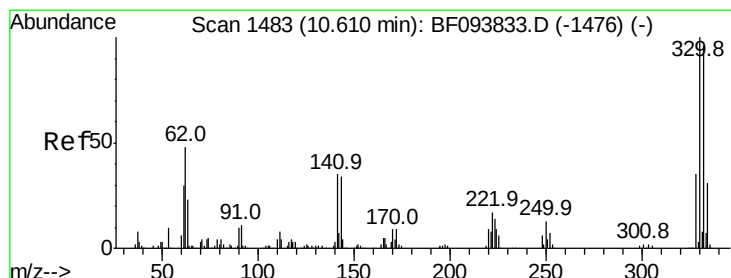
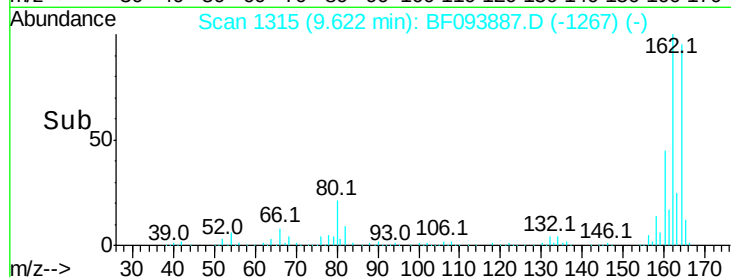
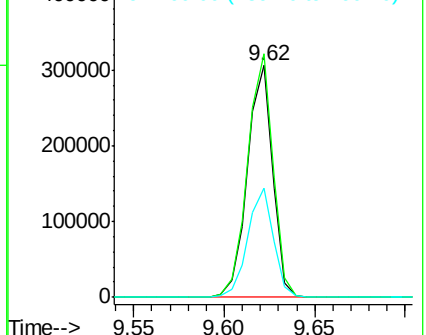
160 47.2 36.2 54.2



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: 138.90 ng

RT: 10.60 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF093887.D

Acq: 23 Mar 2017 19:04

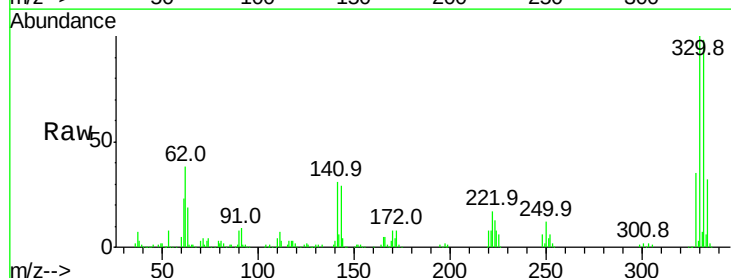
Tgt Ion:330 Resp: 324293

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

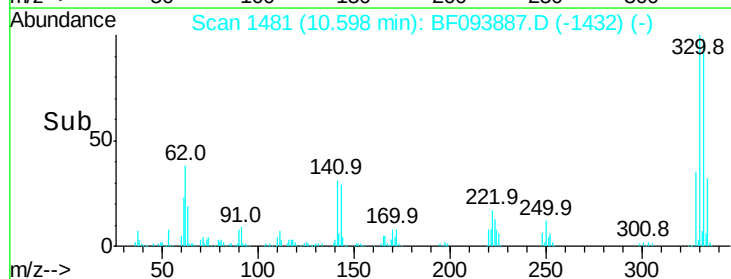
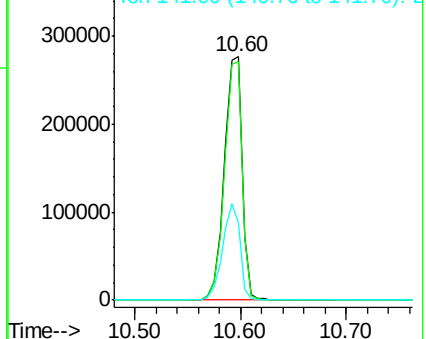
141 38.8 31.4 47.2

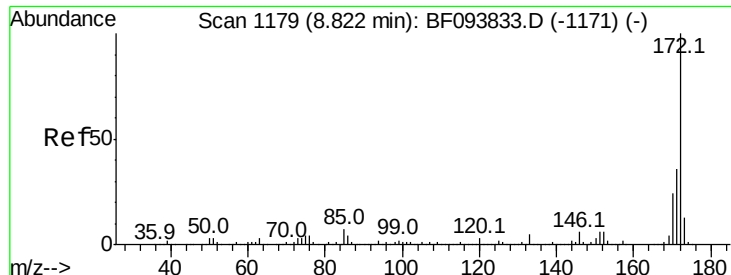


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



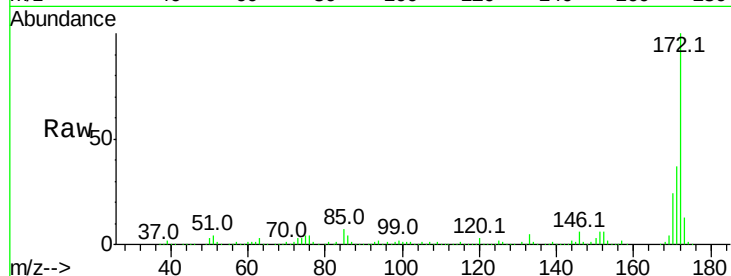


#44
 2-Fluorobiphenyl
 Concen: 86.62 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF093887.D
 Acq: 23 Mar 2017 19:04

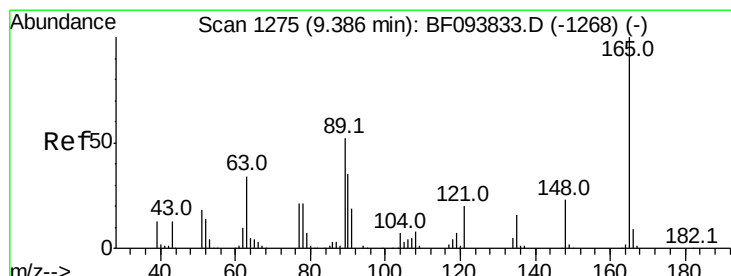
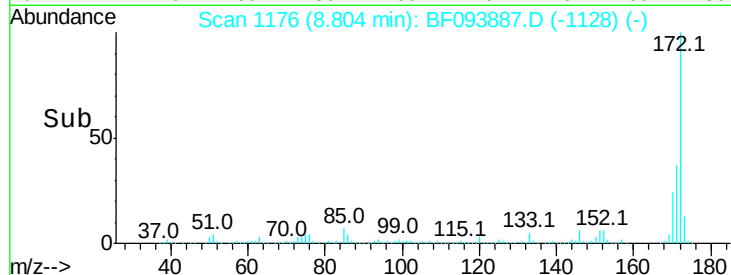
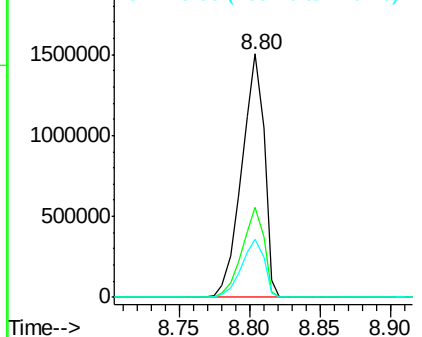
Instrument :
 BNA_F
 ClientSampleId :
 S8-EB-2017-2

Tot Ion:172 Resp: 1677938

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.1	19.8	29.8



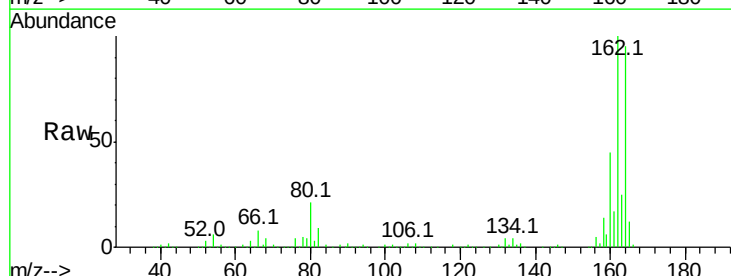
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



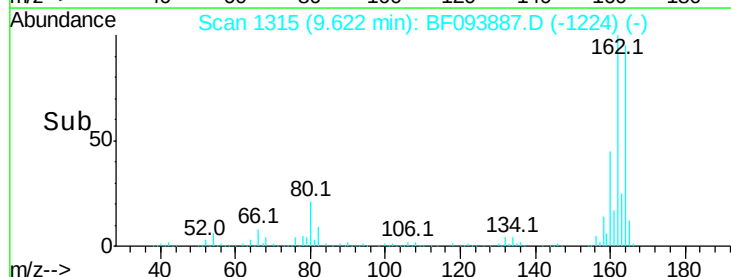
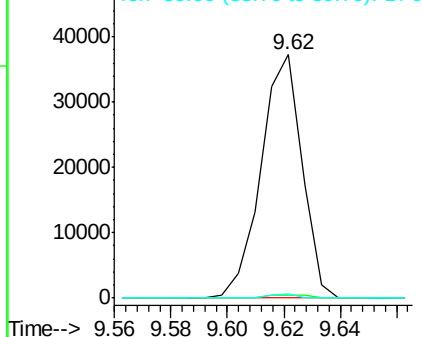
#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.62 min Scan# 1315
 Delta R.T. 0.24 min
 Lab File: BF093887.D
 Acq: 23 Mar 2017 19:04

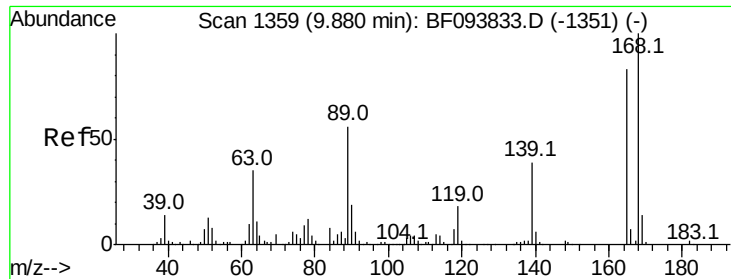
Tgt Ion:165 Resp: 37566

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.6	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

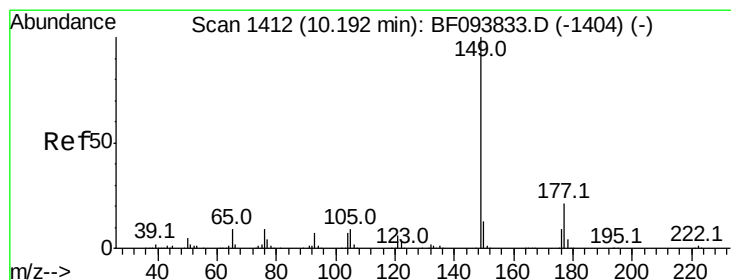
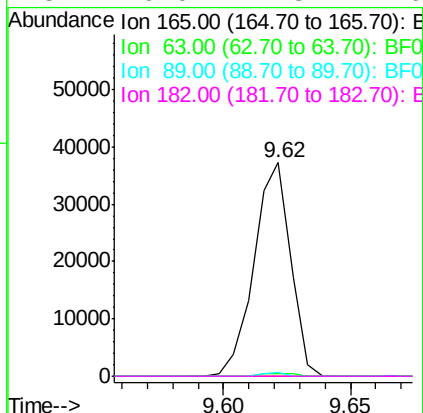
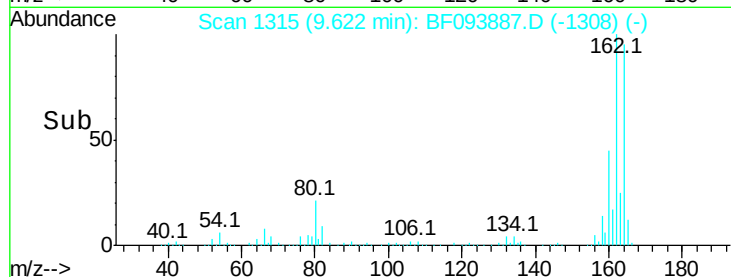
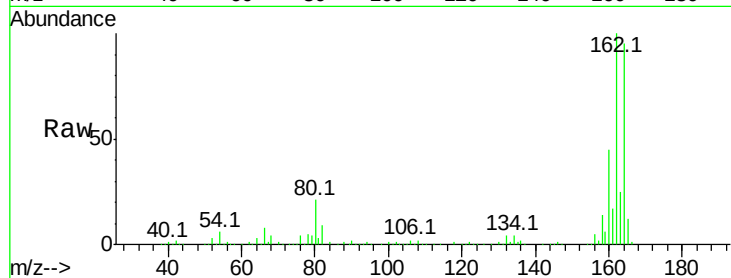




#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.26 min
Lab File: BF093887.D
Acq: 23 Mar 2017 19:04

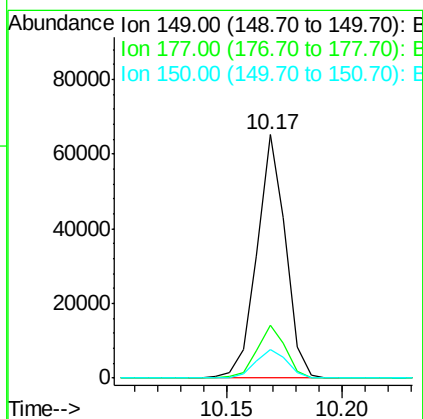
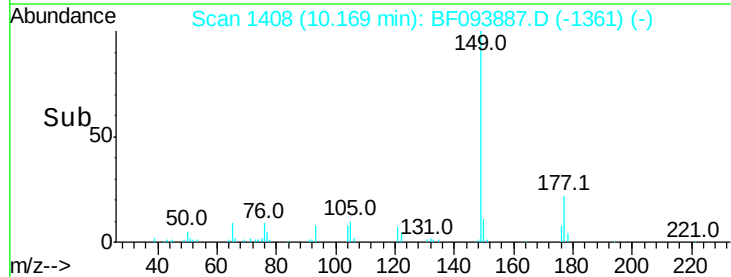
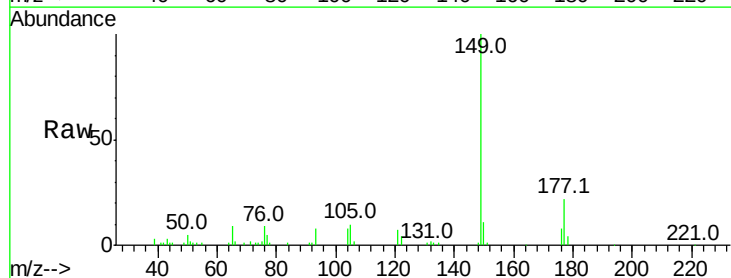
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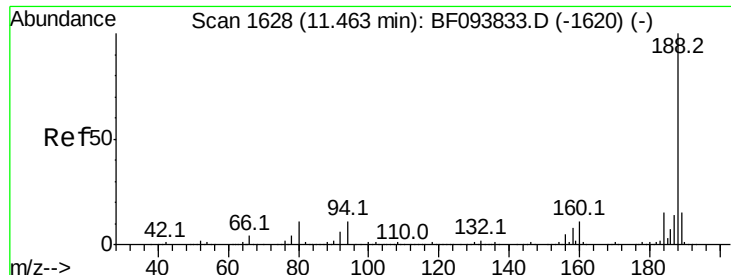
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#59
Diethylphthalate
Concen: 2.71 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF093887.D
Acq: 23 Mar 2017 19:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	11.5	10.2	15.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BF093887.D

Acq: 23 Mar 2017 19:04

Instrument :

BNA_F

ClientSampleId :

S8-EB-2017-2

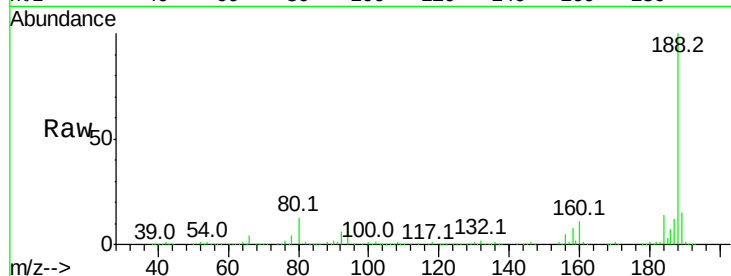
Tot Ion:188 Resp: 515767

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

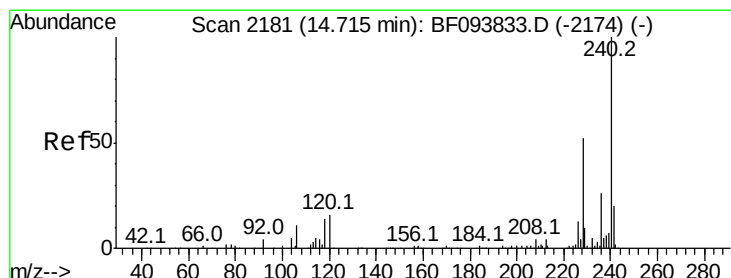
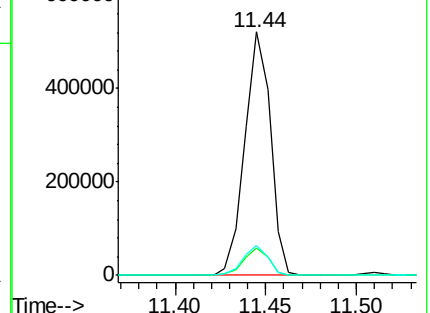
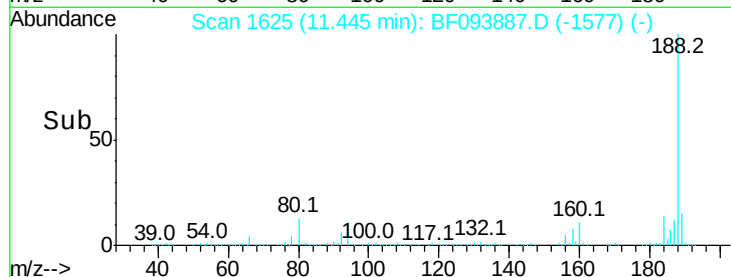
80 12.5 10.2 15.2



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: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF093887.D

Acq: 23 Mar 2017 19:04

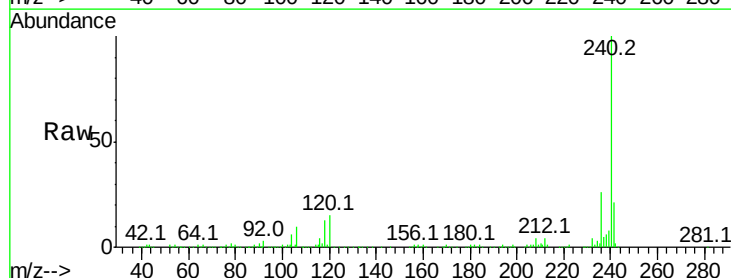
Tgt Ion:240 Resp: 327141

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

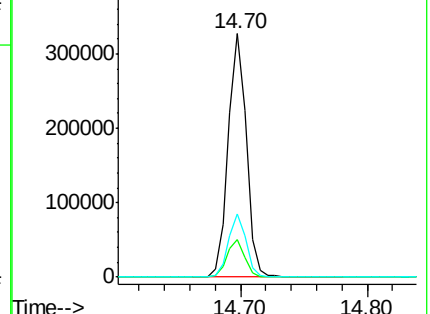
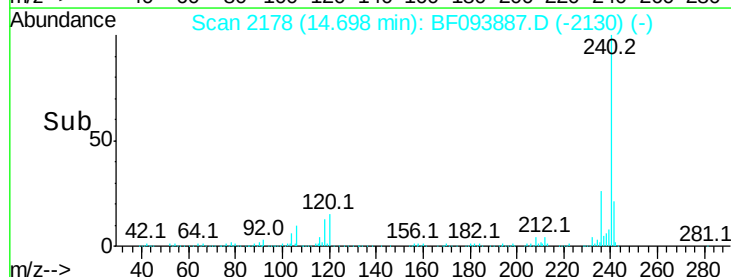
236 25.8 20.5 30.7

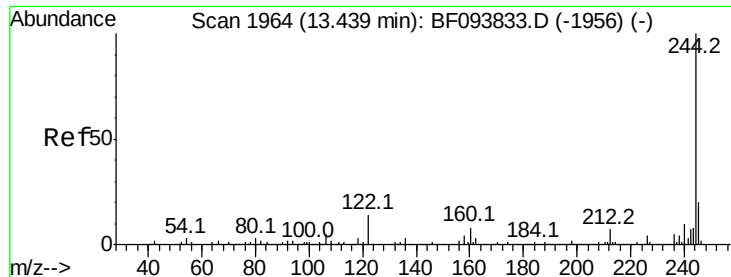


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

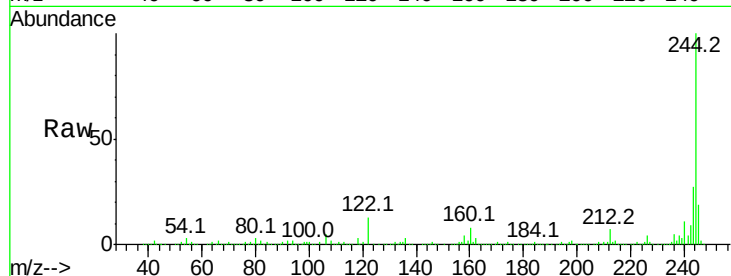




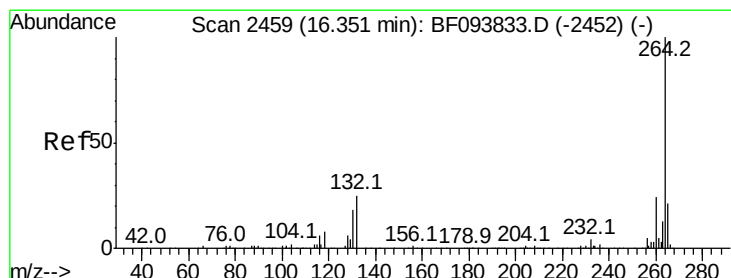
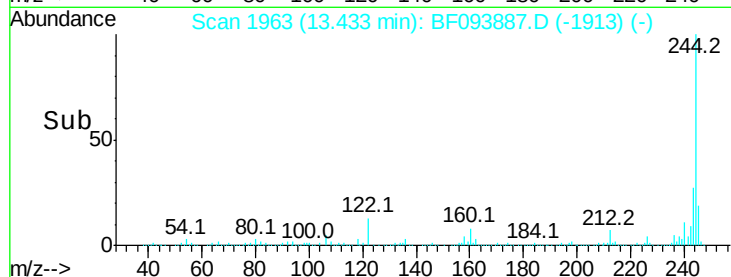
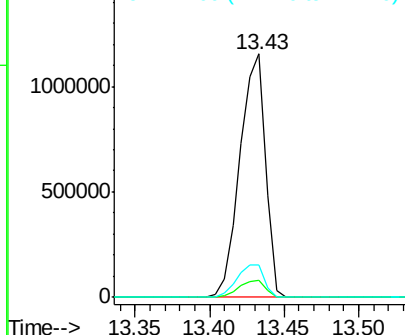
#78
 Terphenyl-d14
 Concen: 94.29 ng
 RT: 13.43 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BF093887.D
 Acq: 23 Mar 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :
 S8-EB-2017-2

Tot Ion:244 Resp: 1376205
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.1 10.3 15.5

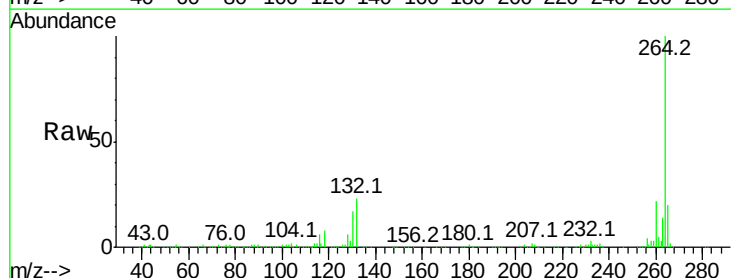


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BF093887.D
 Acq: 23 Mar 2017 19:04

Tgt Ion:264 Resp: 259453
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 20.3 17.2 25.8



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

