

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
 Data File : BF093889.D
 Acq On : 23 Mar 2017 19:59
 Operator : SJ/MA
 Sample : I2371-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0665

Quant Time: Mar 24 01:06:50 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

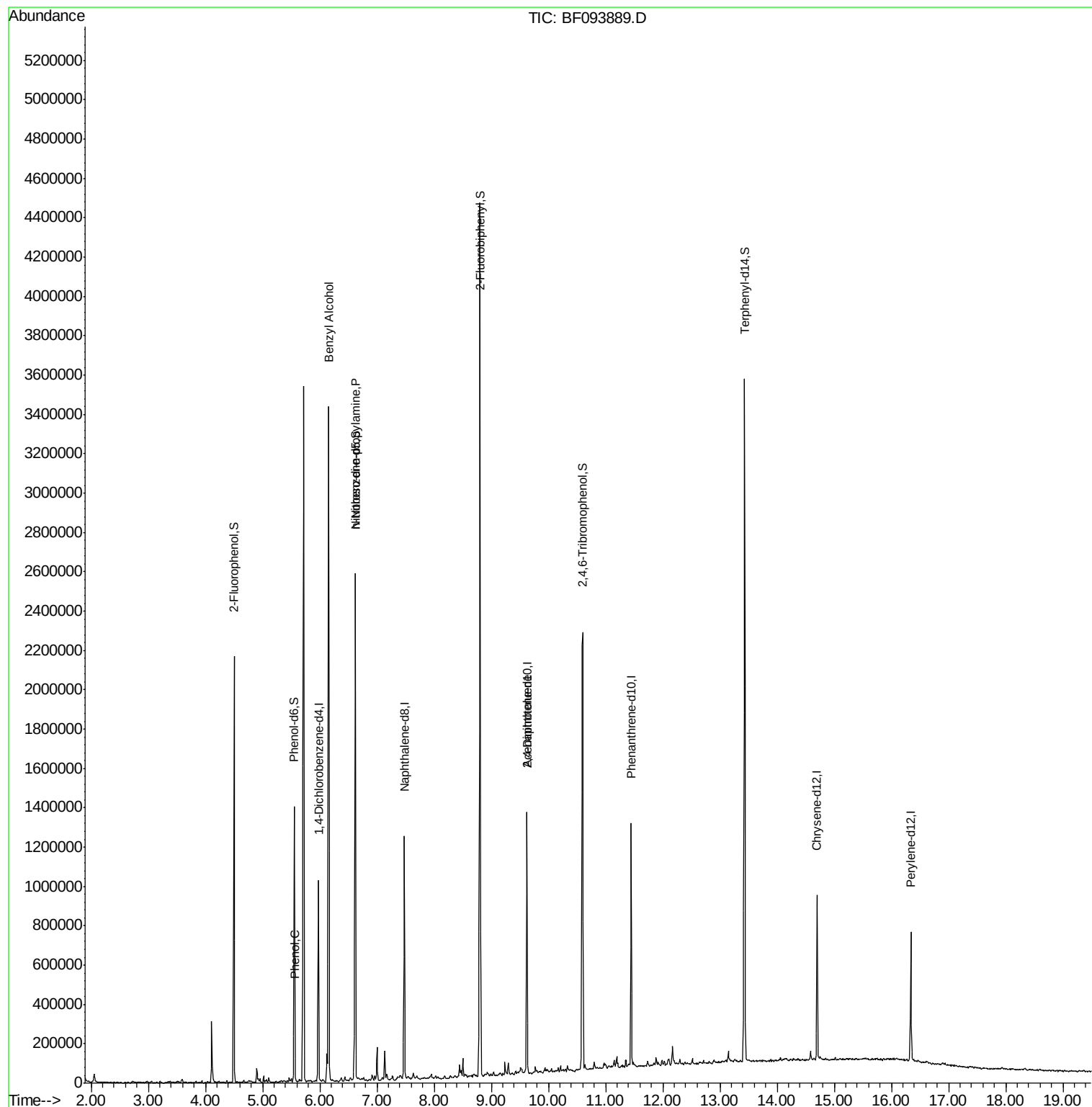
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	159502	20.00	ng	-0.01
21) Naphthalene-d8	7.47	136	636996	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	289596	20.00	ng	-0.02
63) Phenanthrene-d10	11.44	188	497915	20.00	ng	-0.02
75) Chrysene-d12	14.70	240	332438	20.00	ng	-0.02
86) Perylene-d12	16.34	264	264052	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	609338	64.52	ng	0.00
7) Phenol-d6	5.55	99	504201	43.16	ng	-0.02
23) Nitrobenzene-d5	6.62	82	1050155	94.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	321207	140.36	ng	-0.01
44) 2-Fluorobiphenyl	8.80	172	1843832	97.11	ng	-0.02
78) Terphenyl-d14	13.43	244	1303546	87.89	ng	0.00
Target Compounds						
10) Phenol	5.57	94	35316	2.66	ng	Qvalue 85
15) Benzyl Alcohol	6.16	79	17927	2.10	ng	# 42
19) n-Nitroso-di-n-propylamine	6.62	70	139619	18.60	ng	# 80
56) 2,4-Dinitrotoluene	9.62	165	37022	6.25	ng	# 33

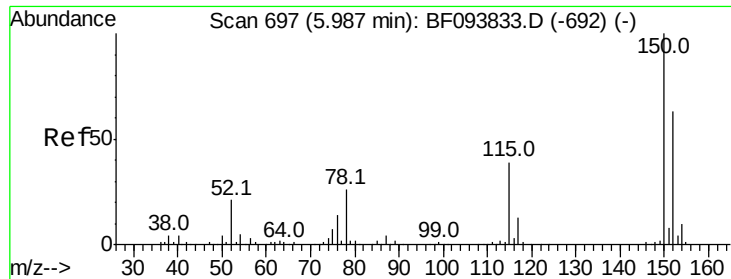
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093889.D

Acq: 23 Mar 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S8-0665

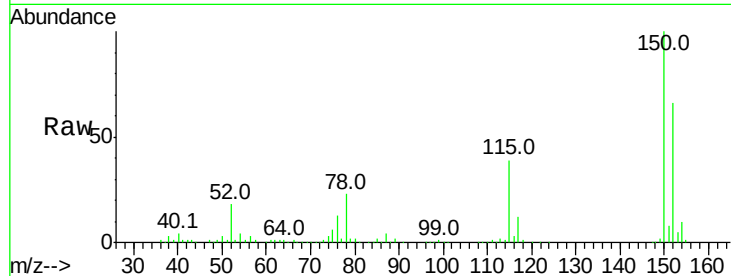
Tot Ion:152 Resp: 159502

Ion Ratio Lower Upper

152 100

150 151.3 126.2 189.2

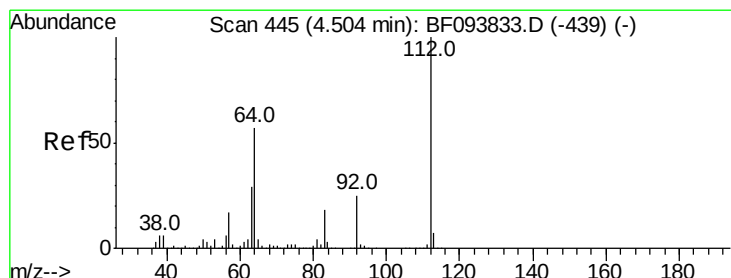
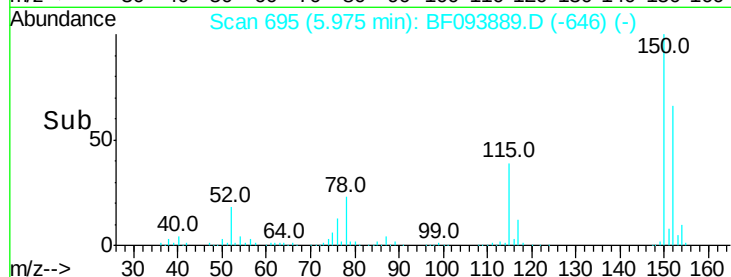
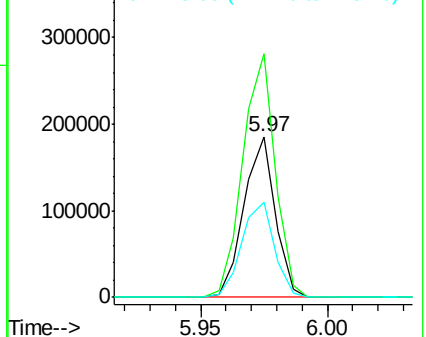
115 59.0 52.2 78.2



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: 64.52 ng

RT: 4.50 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

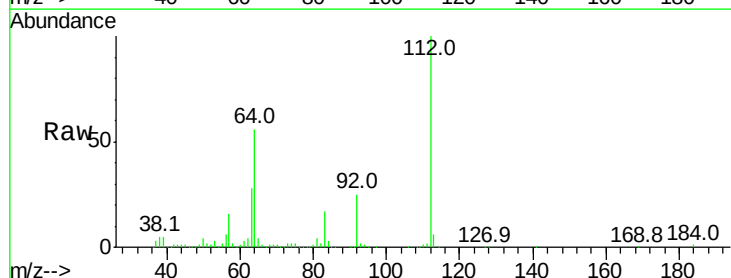
Tgt Ion:112 Resp: 609338

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

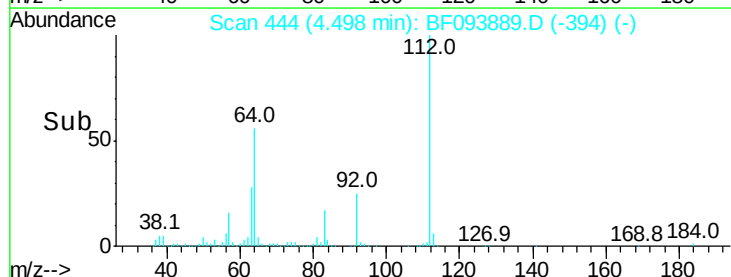
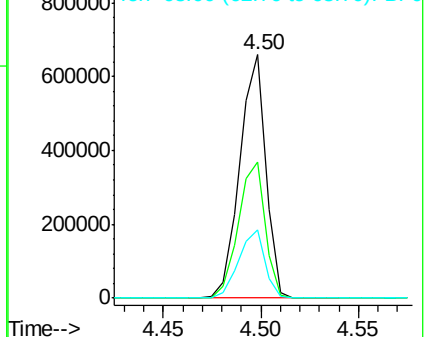
63 27.9 23.4 35.0

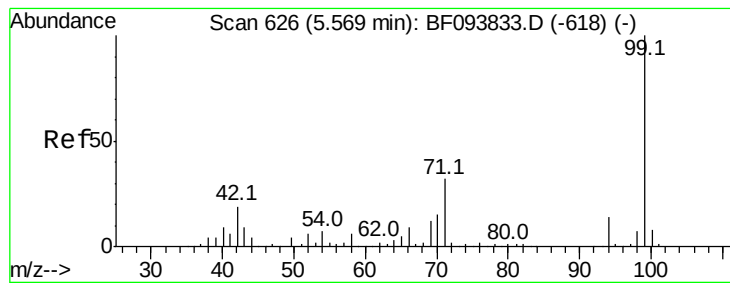


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.16 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S8-0665

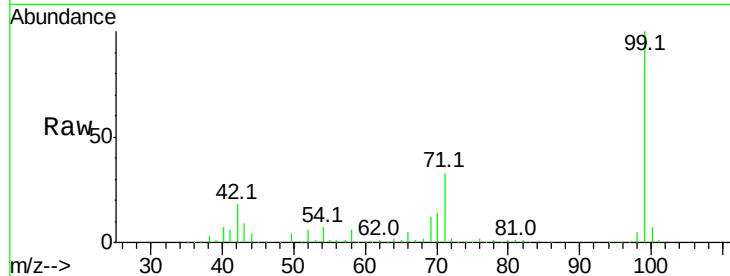
Tot Ion: 99 Resp: 504201

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

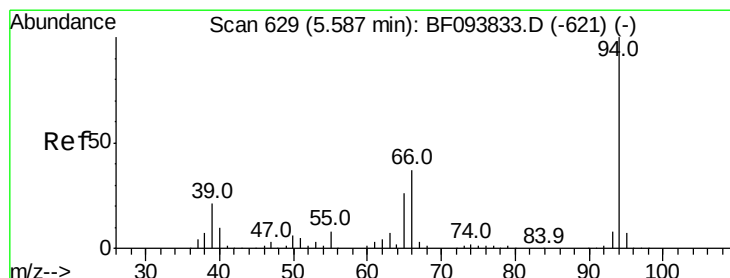
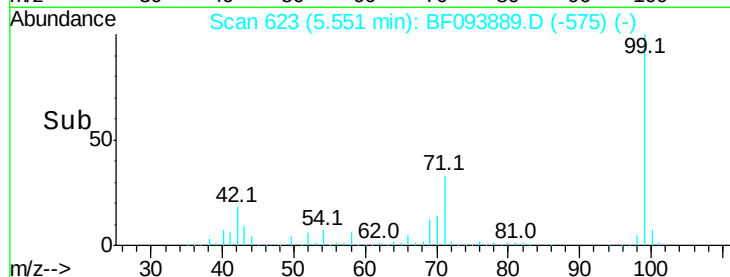
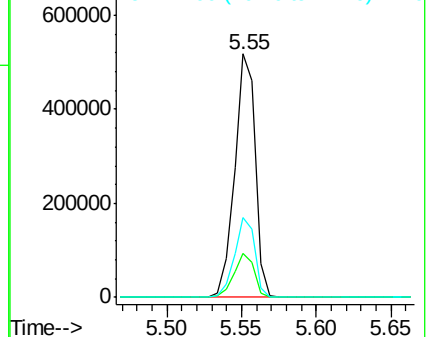
71 32.9 24.5 36.7



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: 2.66 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

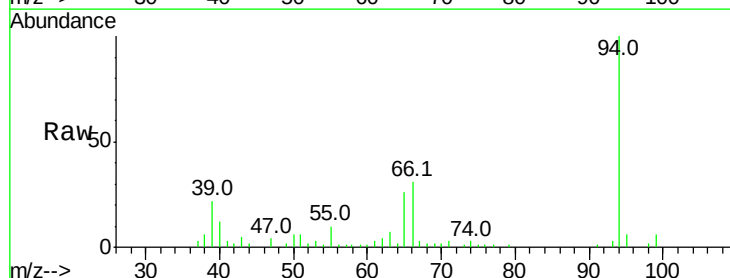
Tgt Ion: 94 Resp: 35316

Ion Ratio Lower Upper

94 100

65 25.5 9.9 49.9

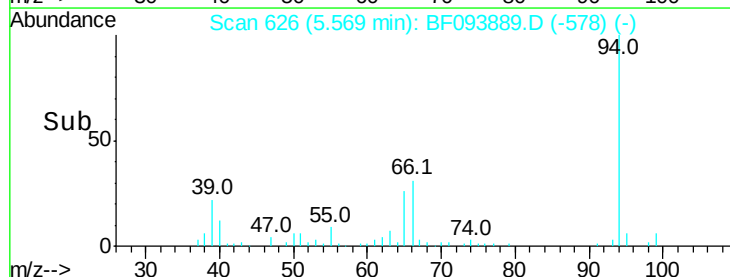
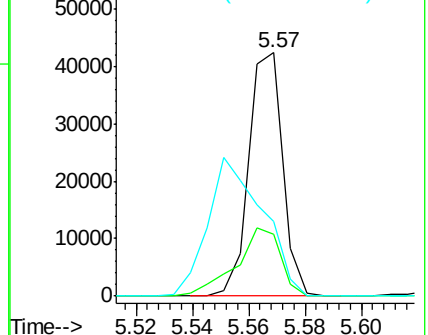
66 30.8 23.1 63.1

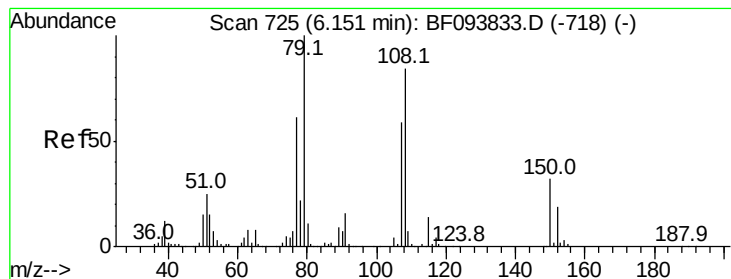


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S8-0665

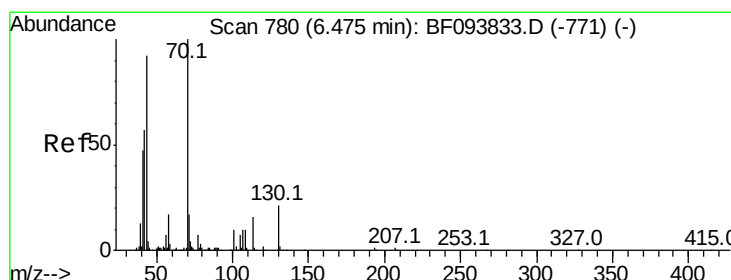
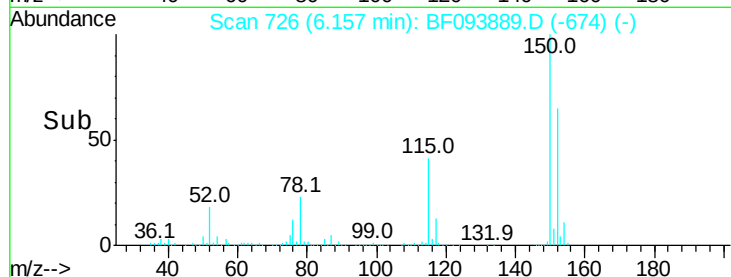
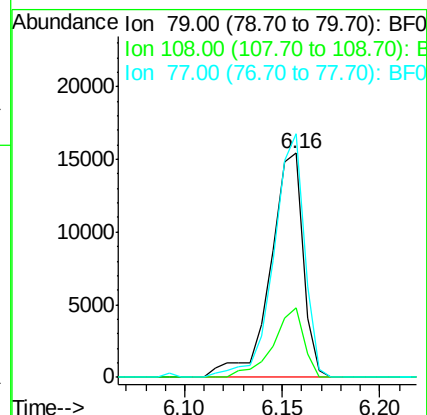
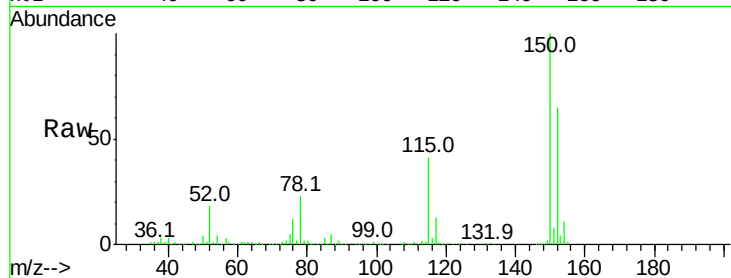
Tot Ion: 79 Resp: 17927

Ion Ratio Lower Upper

79 100

108 31.1 63.4 95.0#

77 108.5 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 18.60 ng

RT: 6.62 min Scan# 805

Delta R.T. 0.15 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

Tgt Ion: 70 Resp: 139619

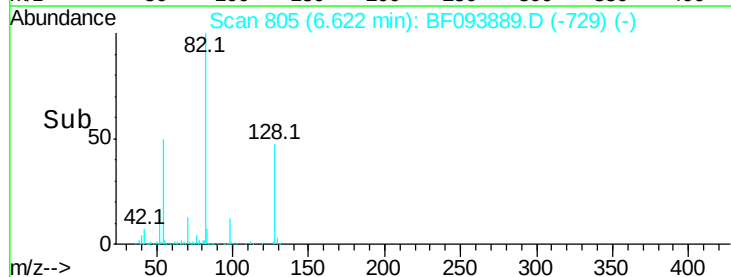
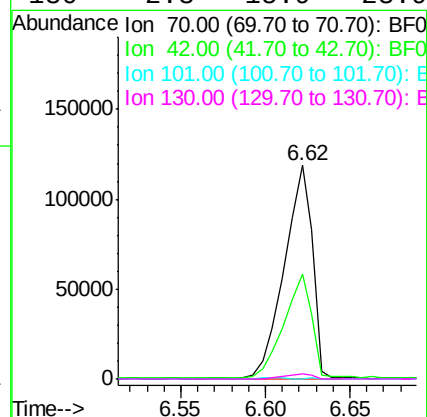
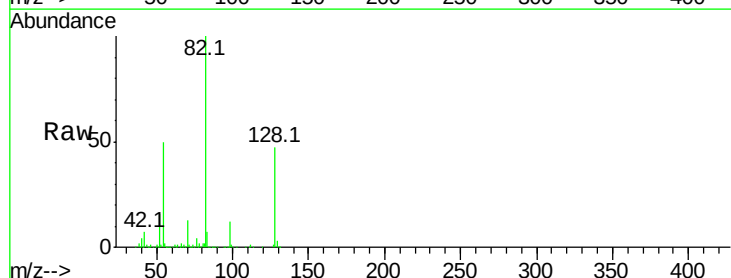
Ion Ratio Lower Upper

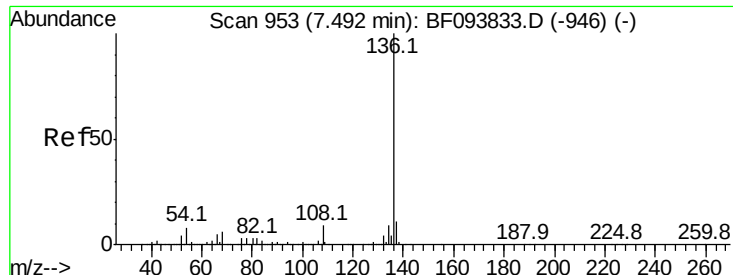
70 100

42 49.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

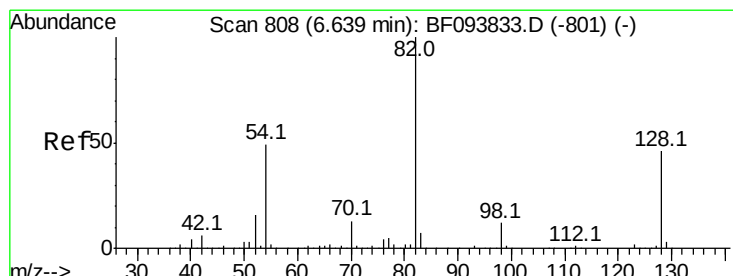
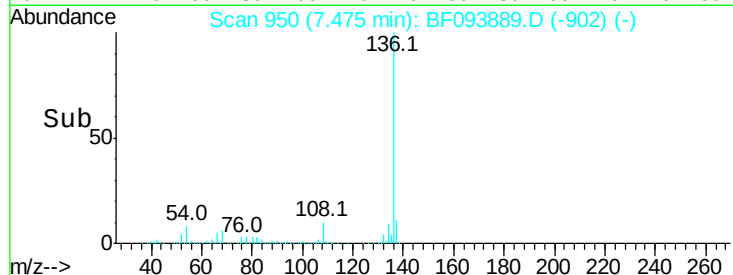
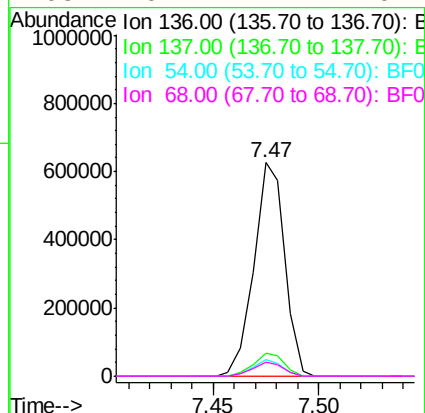
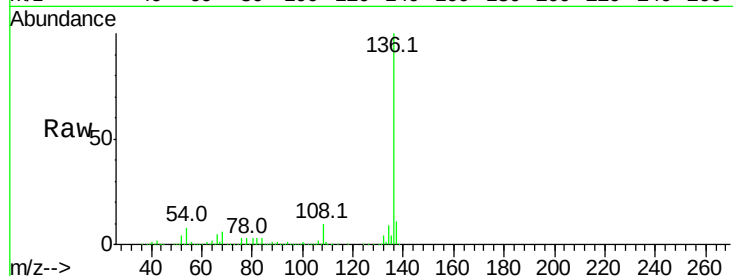




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.47 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093889.D
Acq: 23 Mar 2017 19:59

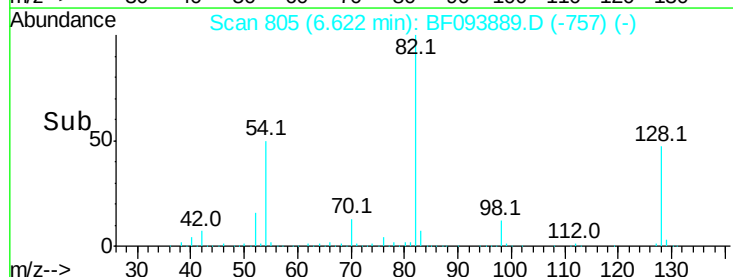
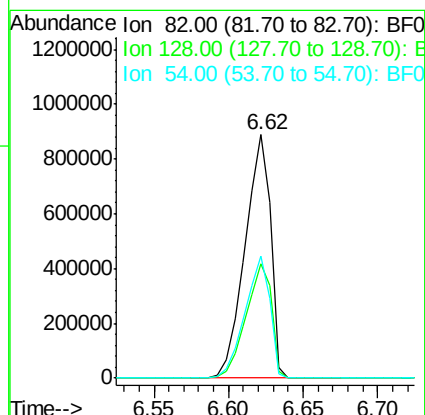
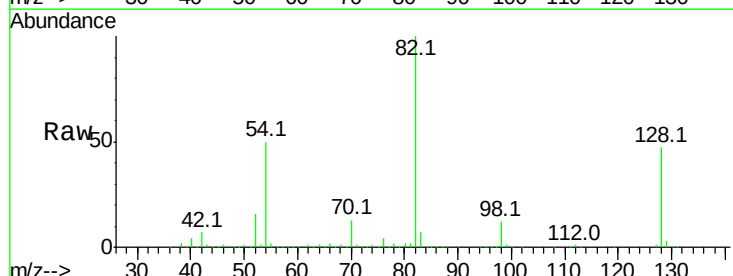
Instrument :
BNA_F
ClientSampled :
S8-0665

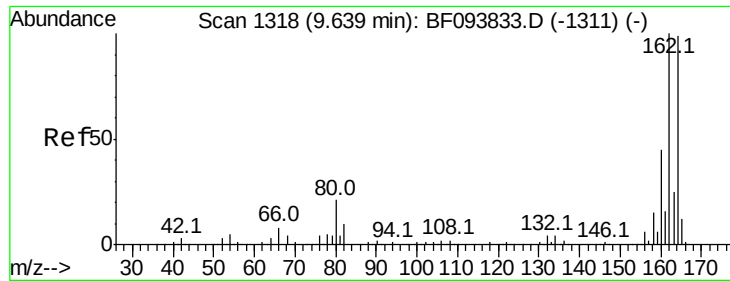
Tot Ion:	136	Resp:	636996
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.8	4.9	7.3#
68	6.4	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 94.08 ng
RT: 6.62 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF093889.D
Acq: 23 Mar 2017 19:59

Tgt Ion:	82	Resp:	1050155
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	50.0	42.2	63.2

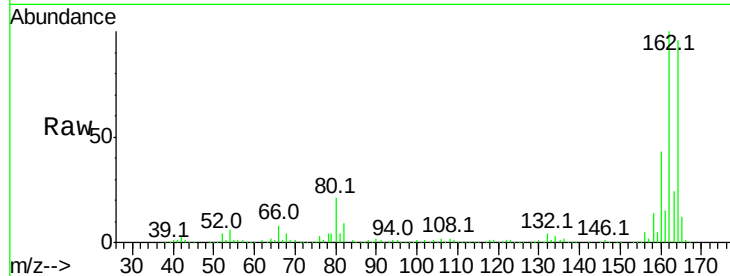




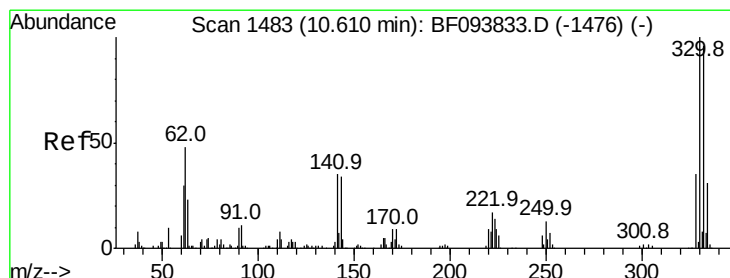
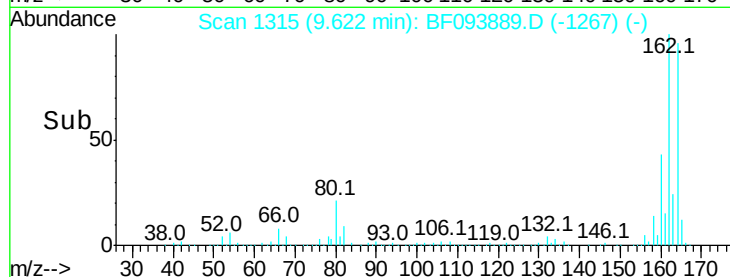
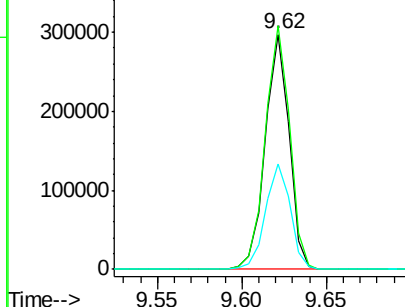
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF093889.D
 Acq: 23 Mar 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 S8-0665

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	44.8	36.2	54.2

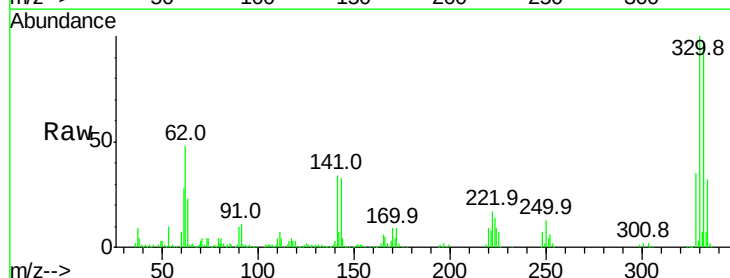


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

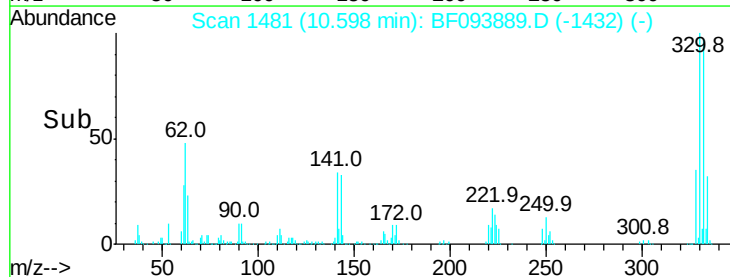
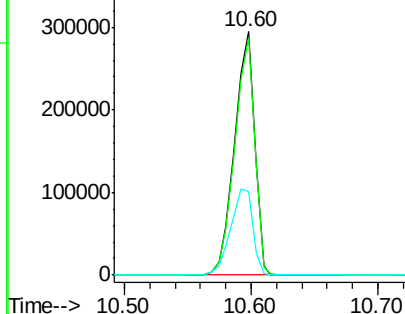


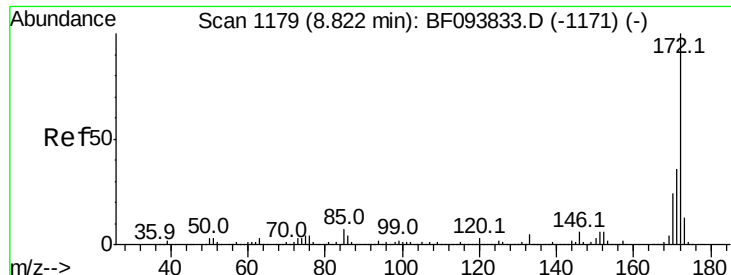
#41
 2,4,6-Tribromophenol
 Concen: 140.36 ng
 RT: 10.60 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF093889.D
 Acq: 23 Mar 2017 19:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	39.3	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

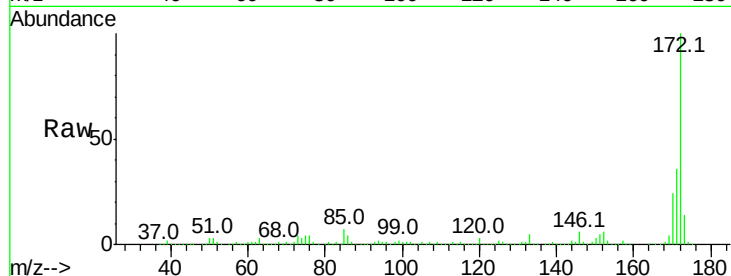




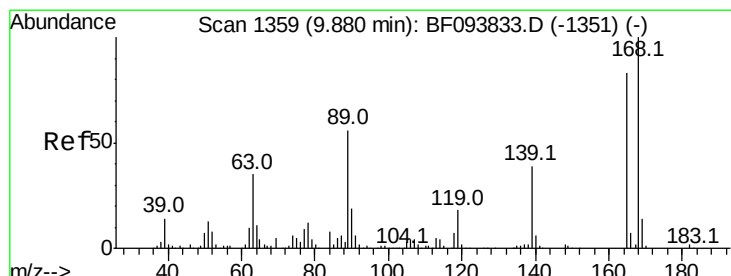
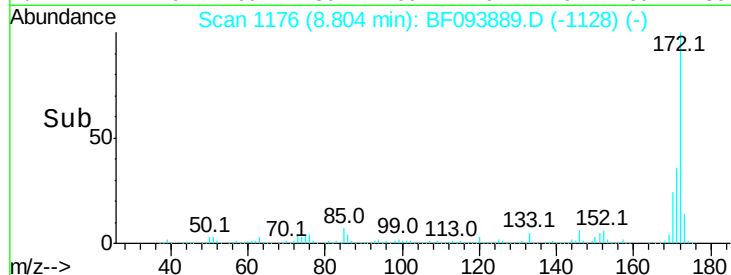
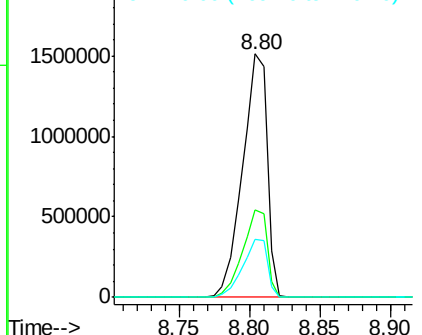
#44
2-Fluorobiphenyl
Concen: 97.11 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093889.D
Acq: 23 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
S8-0665

Tot Ion:172 Resp: 1843832
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.1 19.8 29.8

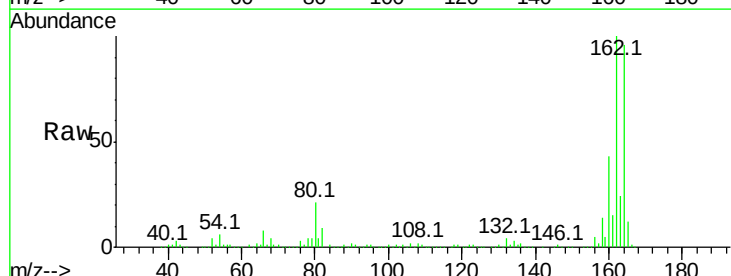


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

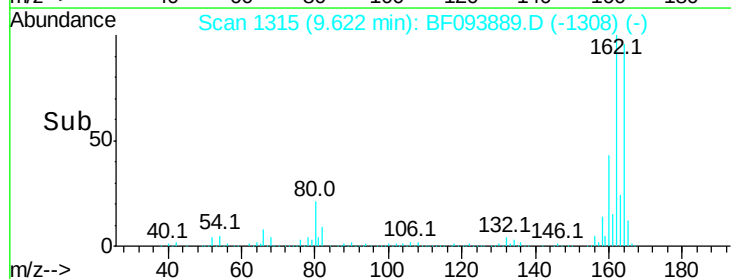
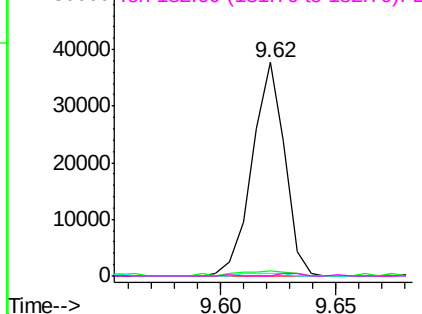


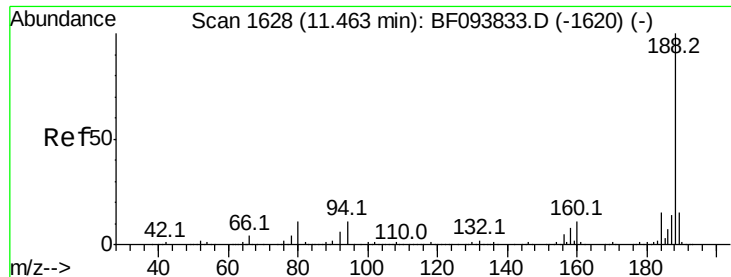
#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.26 min
Lab File: BF093889.D
Acq: 23 Mar 2017 19:59

Tgt Ion:165 Resp: 37022
Ion Ratio Lower Upper
165 100
63 2.3 25.4 38.0#
89 1.2 46.4 69.6#
182 0.0 1.8 2.6#



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
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S8-0665

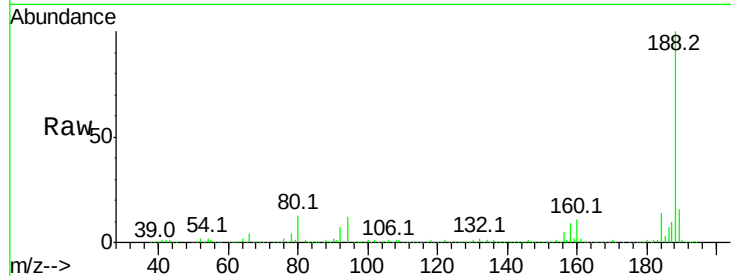
Tot Ion:188 Resp: 497915

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

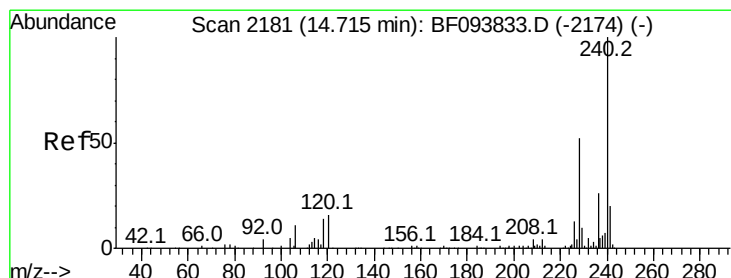
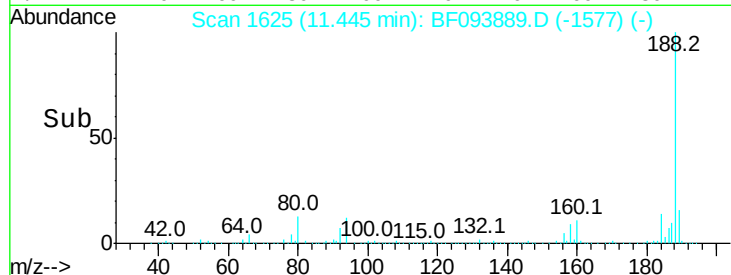
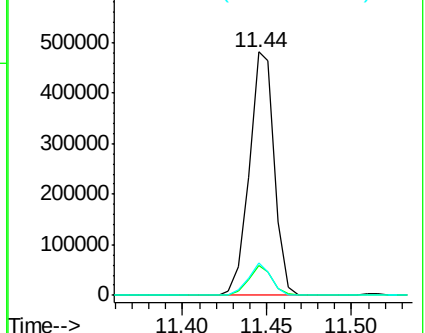
80 13.1 10.2 15.2



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: BF093889.D

Acq: 23 Mar 2017 19:59

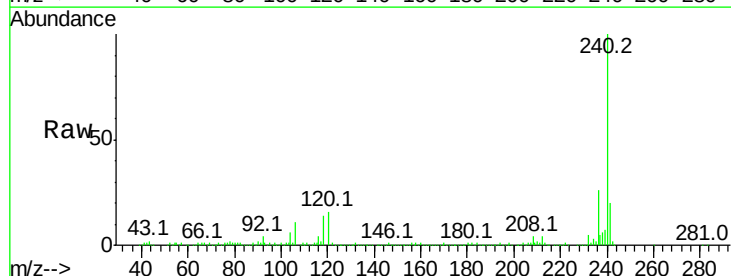
Tgt Ion:240 Resp: 332438

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

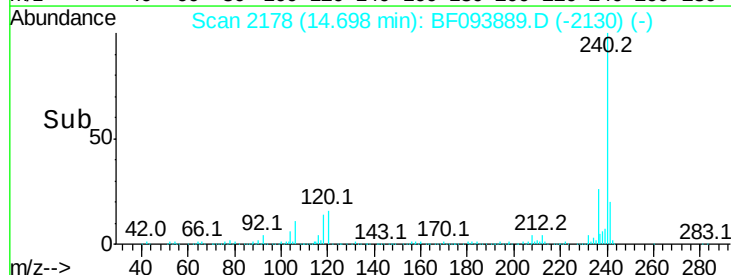
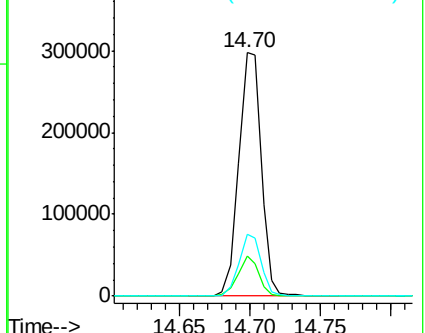
236 25.6 20.5 30.7

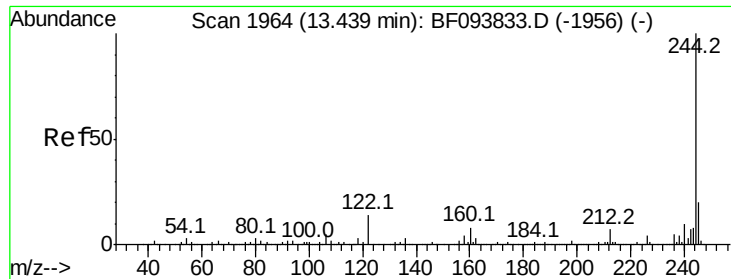


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.89 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093889.D

Acq: 23 Mar 2017 19:59

Instrument :

BNA_F

ClientSampleId :

S8-0665

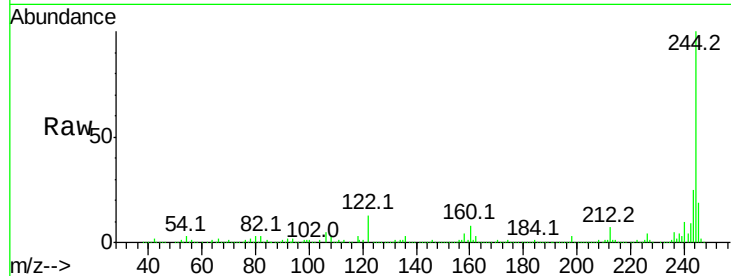
Tot Ion:244 Resp: 1303546

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

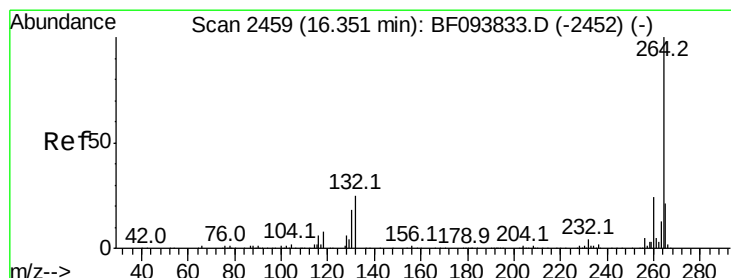
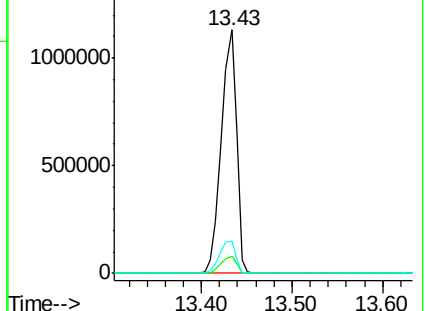
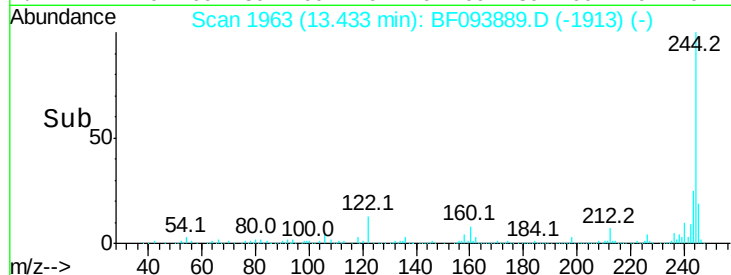
122 13.5 10.3 15.5



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: BF093889.D

Acq: 23 Mar 2017 19:59

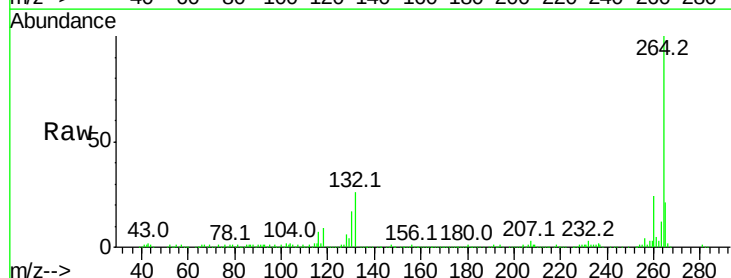
Tgt Ion:264 Resp: 264052

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.0 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

