

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094115.D
 Acq On : 1 Apr 2017 2:17
 Operator : SJ/MA
 Sample : I2458-01 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4-S1(1.5-2)

Quant Time: Apr 01 04:00:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

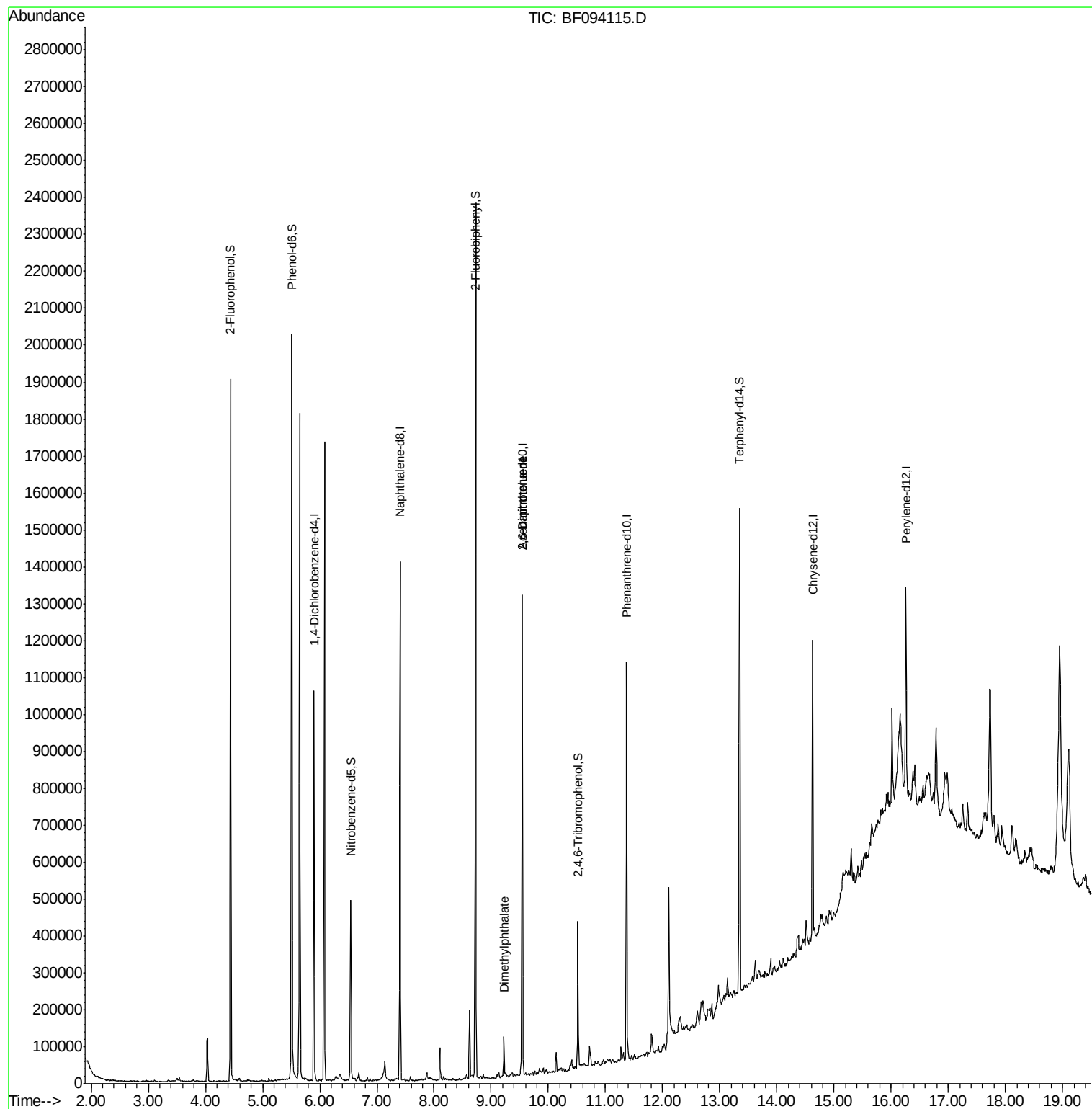
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	178237	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	683108	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	280771	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	405252	20.00	ng	0.00
75) Chrysene-d12	14.63	240	336931	20.00	ng	0.00
86) Perylene-d12	16.26	264	257130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	531566	50.37	ng	0.00
7) Phenol-d6	5.51	99	686760	52.61	ng	0.00
23) Nitrobenzene-d5	6.55	82	183537	15.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	43986	19.83	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	787975	42.81	ng	0.00
78) Terphenyl-d14	13.35	244	473455	31.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.22	163	46927	2.35	ng	99
50) 2,6-Dinitrotoluene	9.55	165	36763	8.04	ng	# 33
56) 2,4-Dinitrotoluene	9.55	165	36763	6.40	ng	# 33

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

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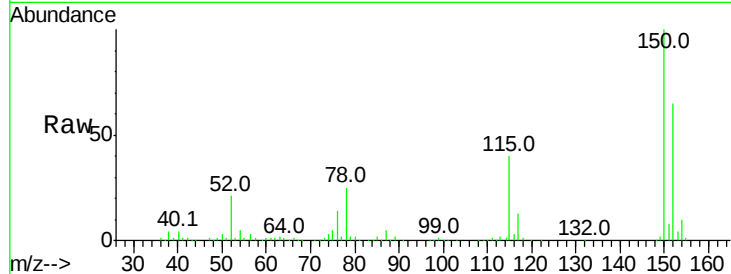


#1

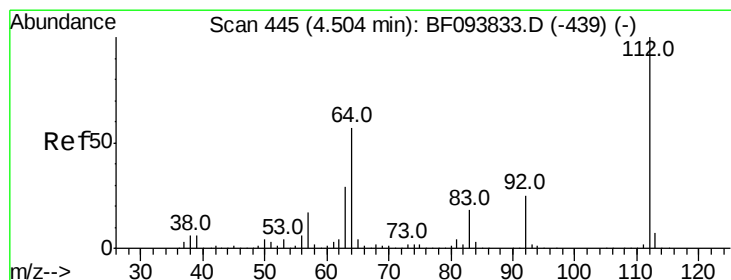
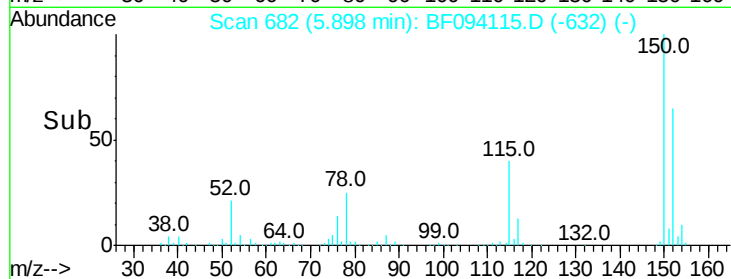
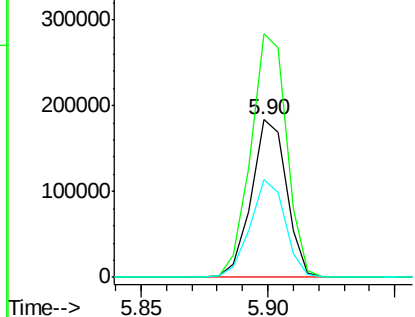
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.90 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094115.D
 Acq: 1 Apr 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 B-4-S1(1.5-2)

Tot Ion:152 Resp: 178237
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.2 189.2
 115 62.3 52.2 78.2



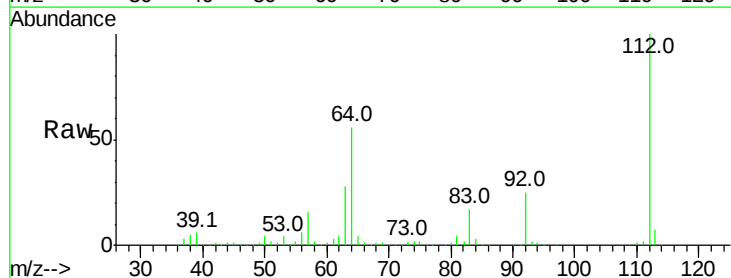
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



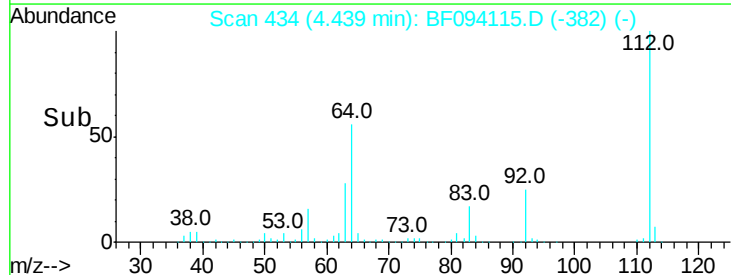
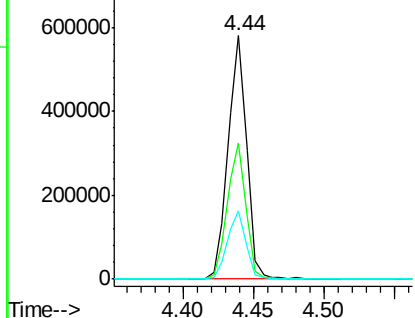
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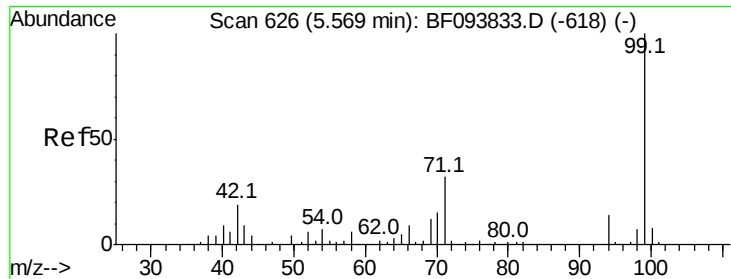
2-Fluorophenol
 Concen: 50.37 ng
 RT: 4.44 min Scan# 434
 Delta R.T. 0.01 min
 Lab File: BF094115.D
 Acq: 1 Apr 2017 2:17

Tgt Ion:112 Resp: 531566
 Ion Ratio Lower Upper
 112 100
 64 55.8 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: 52.61 ng

RT: 5.51 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF094115.D

Acq: 1 Apr 2017 2:17

Instrument :

BNA_F

ClientSampleId :

B-4-S1(1.5-2)

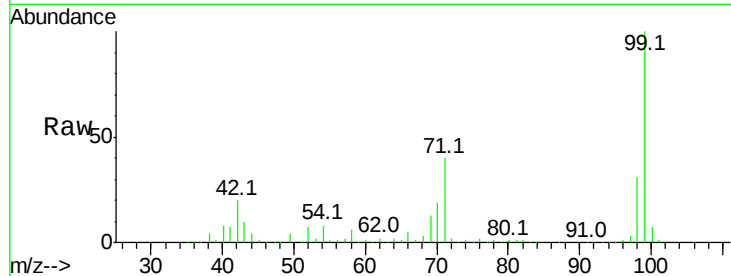
Tot Ion: 99 Resp: 686760

Ion Ratio Lower Upper

99 100

42 20.3 13.5 20.3#

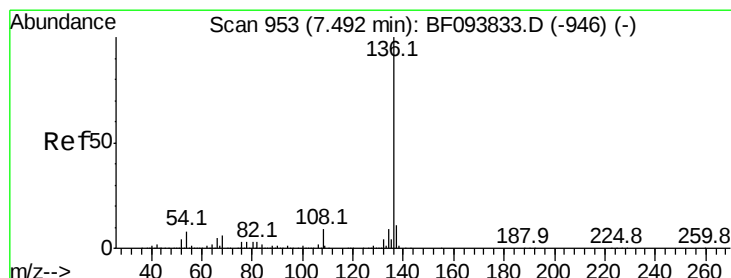
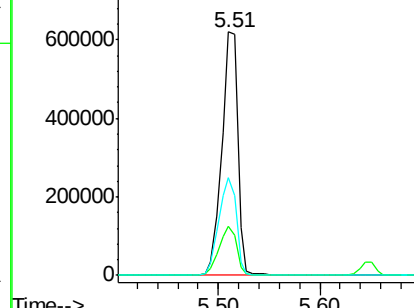
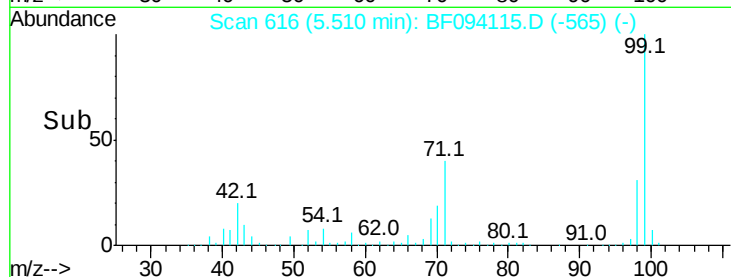
71 40.1 24.5 36.7#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF094115.D

Acq: 1 Apr 2017 2:17

Tgt Ion: 136 Resp: 683108

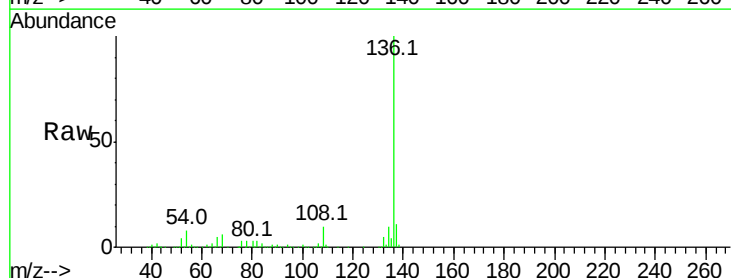
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.7 4.9 7.3#

68 5.7 4.1 6.1

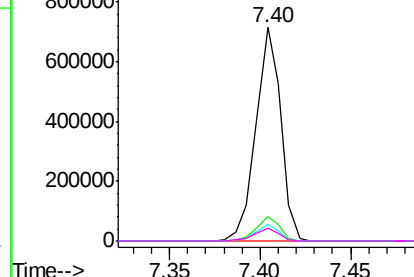
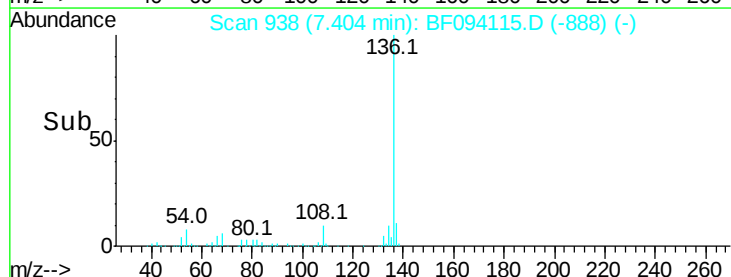


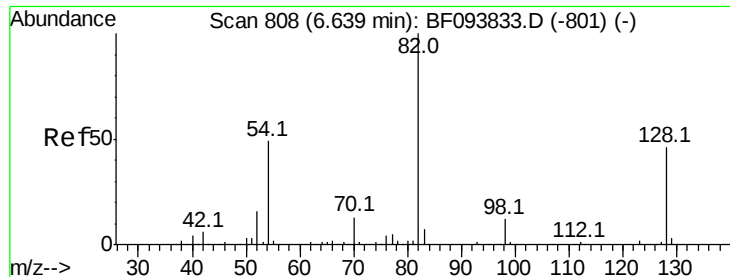
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

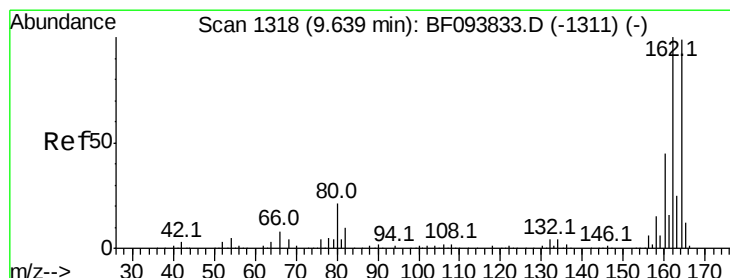
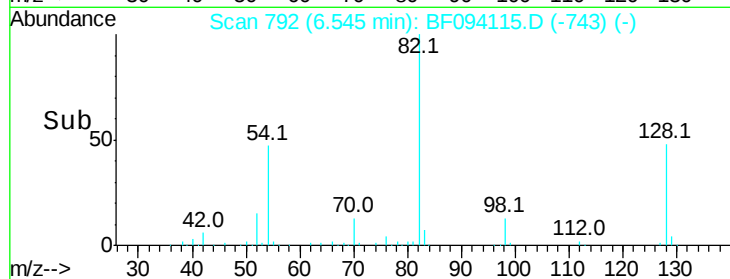
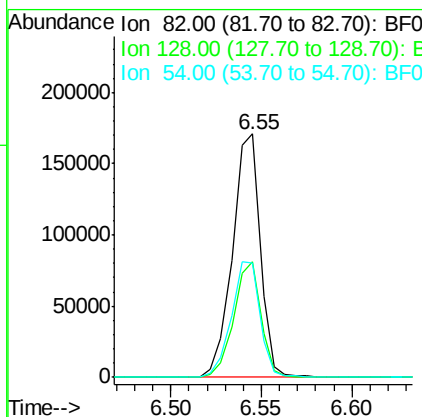
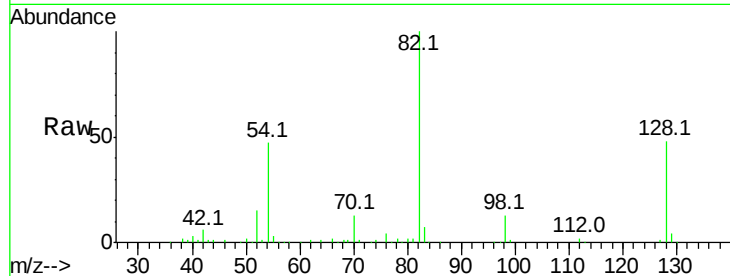




#23
 Nitrobenzene-d5
 Concen: 15.33 ng
 RT: 6.55 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF094115.D
 Acq: 1 Apr 2017 2:17

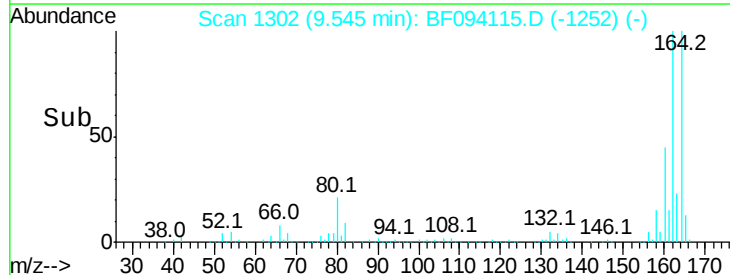
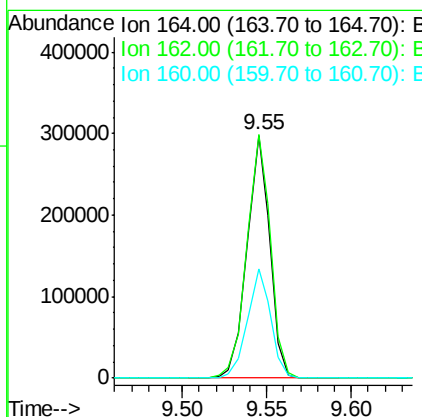
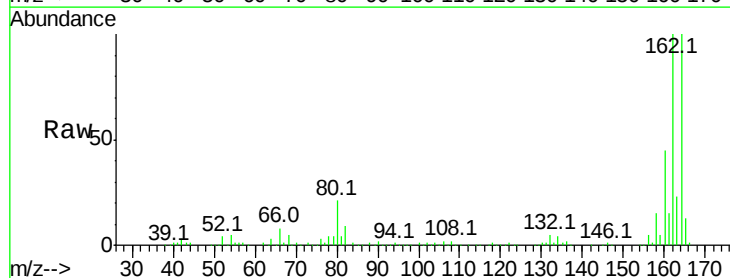
Instrument :
 BNA_F
 ClientSampleId :
 B-4-S1(1.5-2)

Tot Ion	82	Resp	183537
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	47.1	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF094115.D
 Acq: 1 Apr 2017 2:17

Tgt Ion	164	Resp	280771
Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	45.2	36.2	54.2

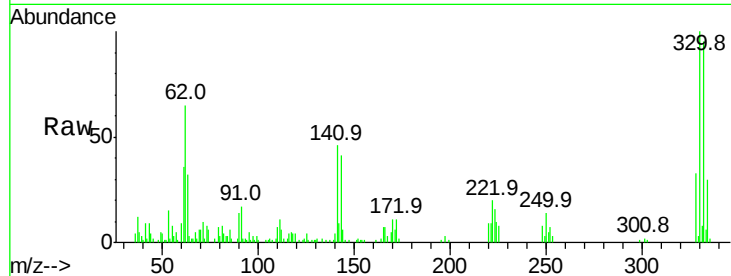




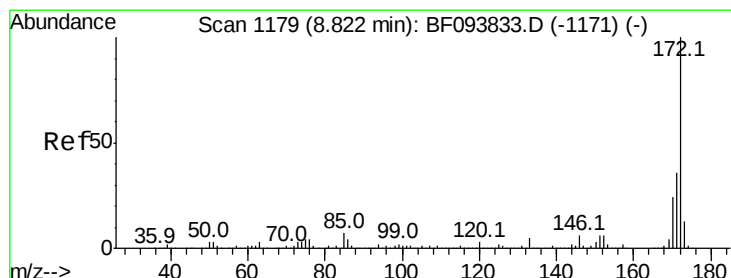
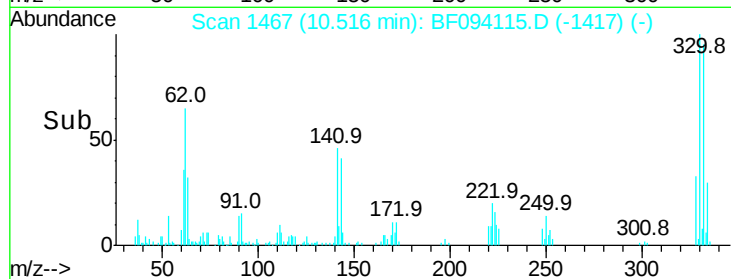
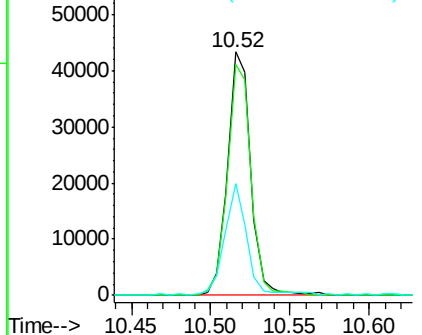
#41
 2,4,6-Tribromophenol
 Concen: 19.83 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094115.D
 Acq: 1 Apr 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 B-4-S1(1.5-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	43.5	31.4	47.2

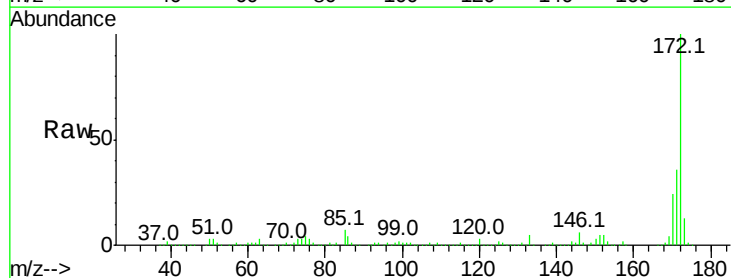


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

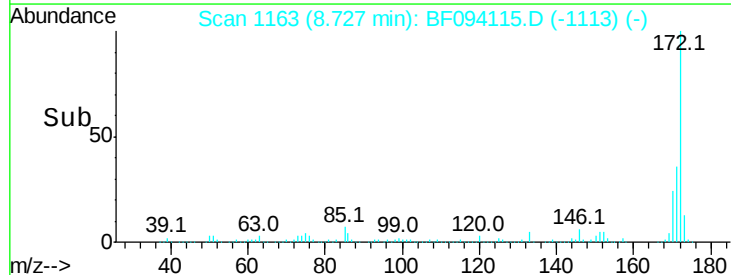
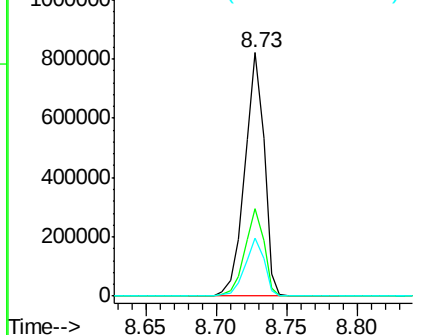


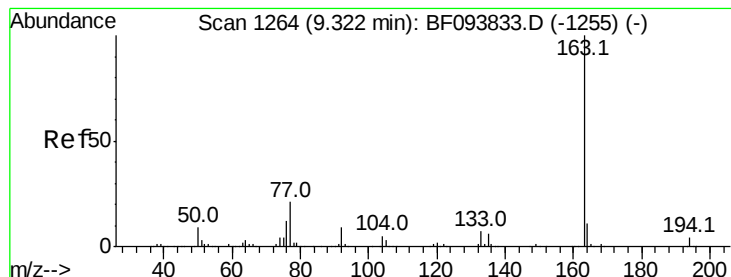
#44
 2-Fluorobiphenyl
 Concen: 42.81 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF094115.D
 Acq: 1 Apr 2017 2:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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





#49

Dimethylphthalate

Concen: 2.35 ng

RT: 9.22 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF094115.D

Acq: 1 Apr 2017 2:17

Instrument :

BNA_F

ClientSampleId :

B-4-S1(1.5-2)

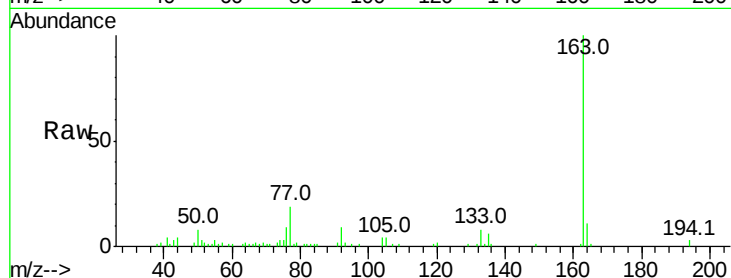
Tot Ion:163 Resp: 46927

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

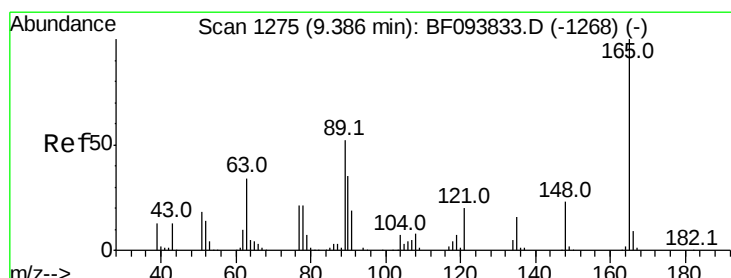
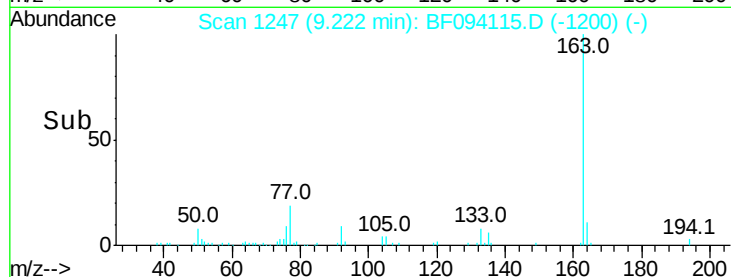
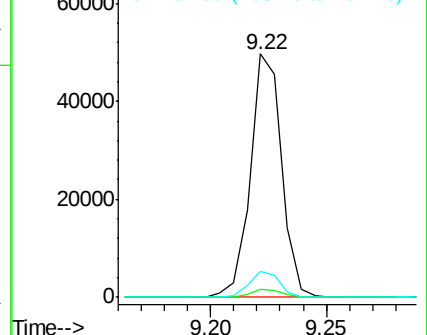
164 10.9 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 8.04 ng

RT: 9.55 min Scan# 1302

Delta R.T. 0.24 min

Lab File: BF094115.D

Acq: 1 Apr 2017 2:17

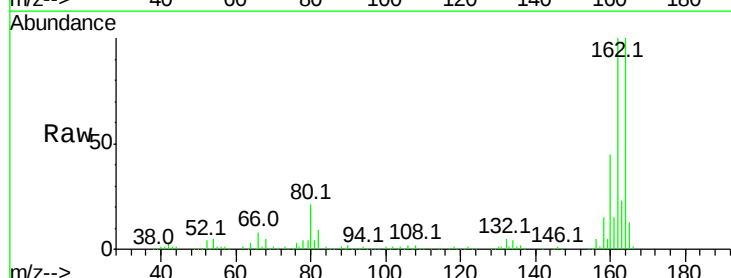
Tgt Ion:165 Resp: 36763

Ion Ratio Lower Upper

165 100

63 1.1 34.3 51.5#

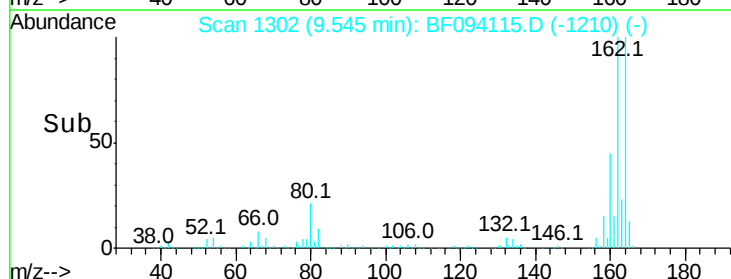
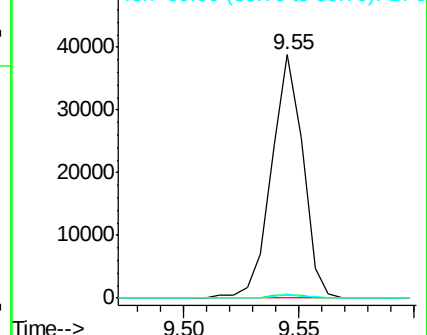
89 1.5 37.1 55.7#



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

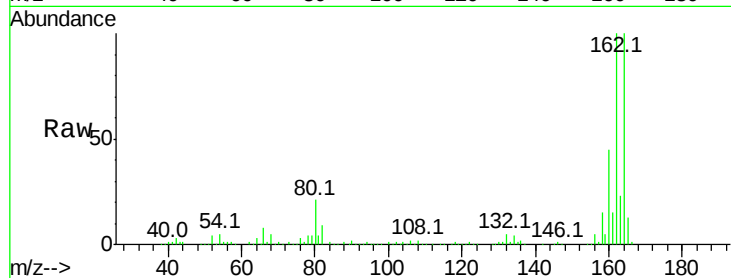




#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.25 min
 Lab File: BF094115.D
 Acq: 1 Apr 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 B-4-S1(1.5-2)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

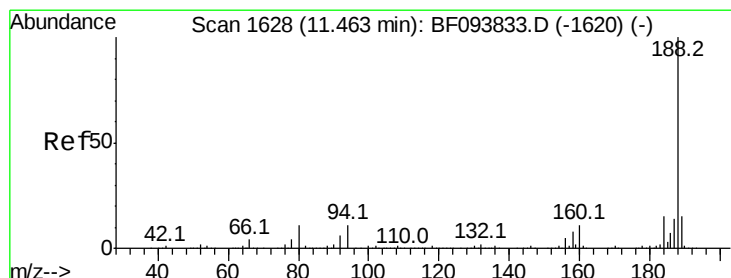
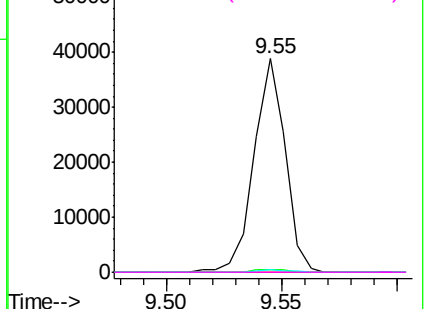
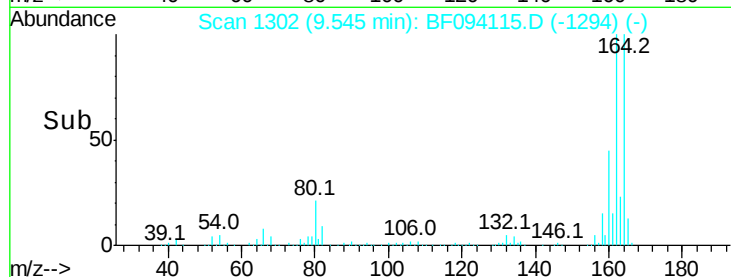


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

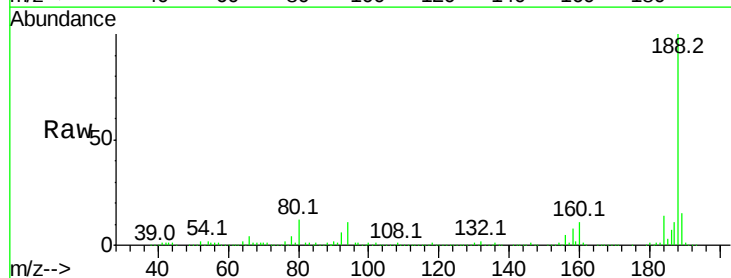
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF094115.D
 Acq: 1 Apr 2017 2:17

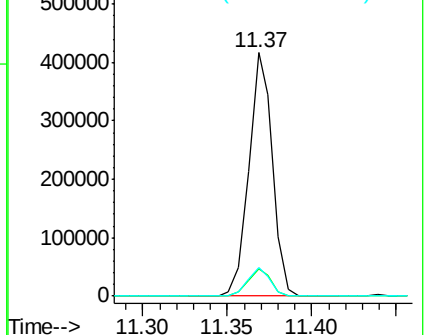
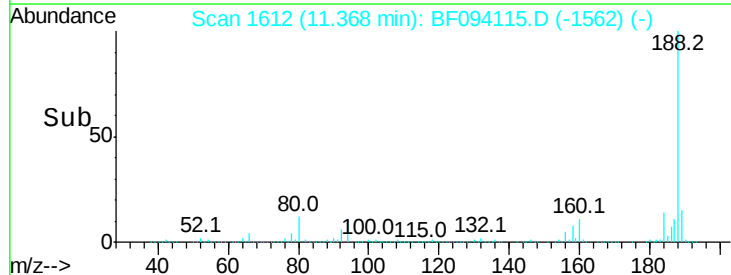
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.8	10.2	15.2

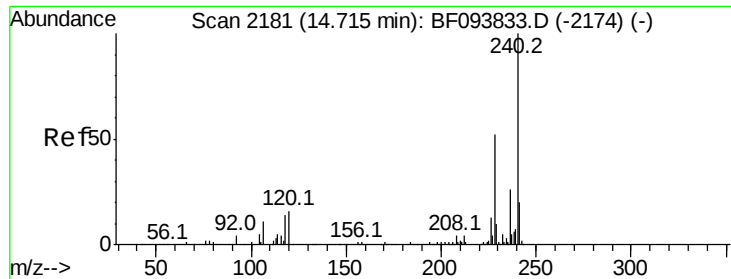


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

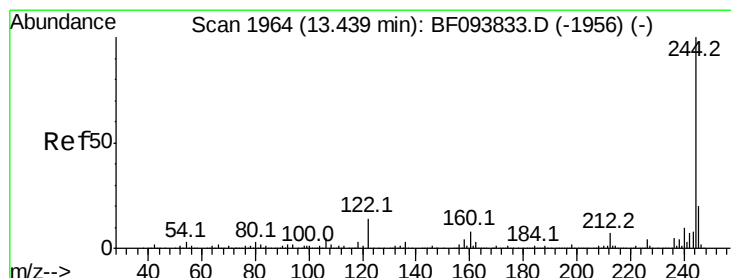
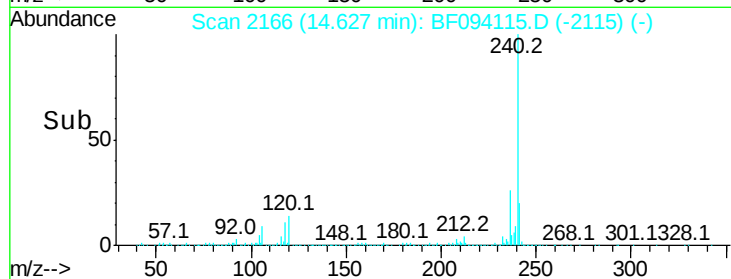
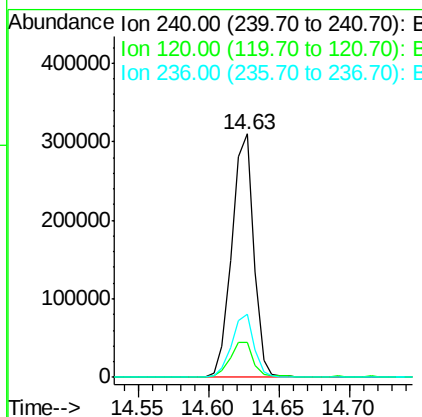
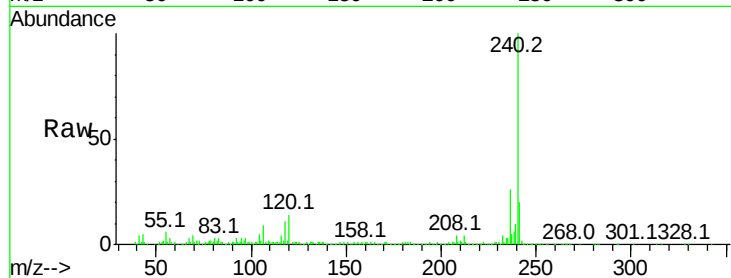




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BF094115.D
 Acq: 1 Apr 2017 2:17

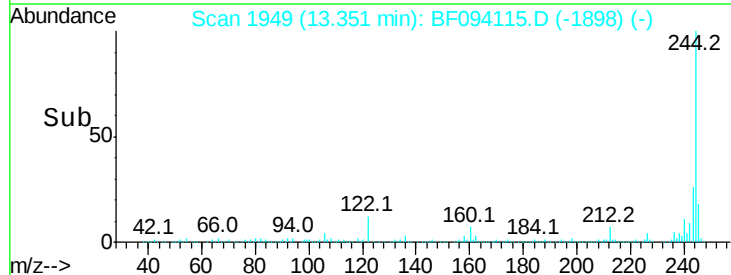
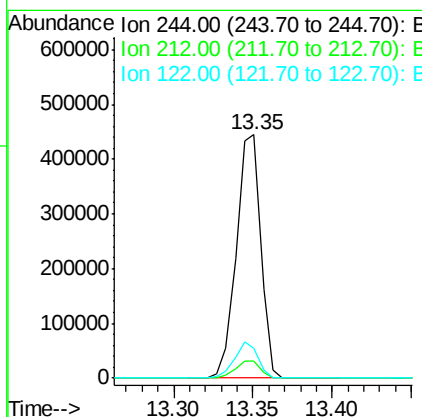
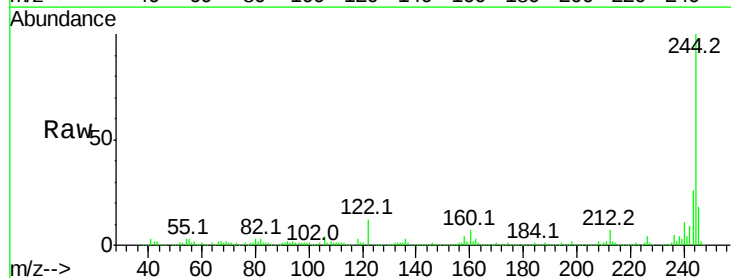
Instrument :
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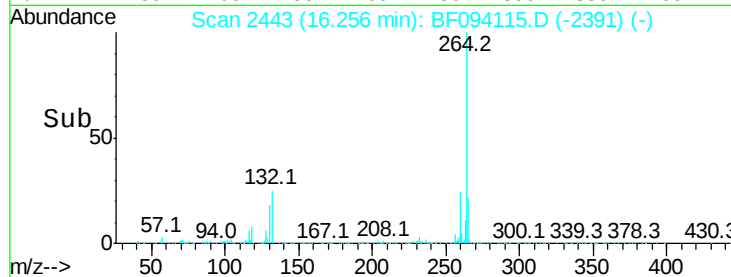
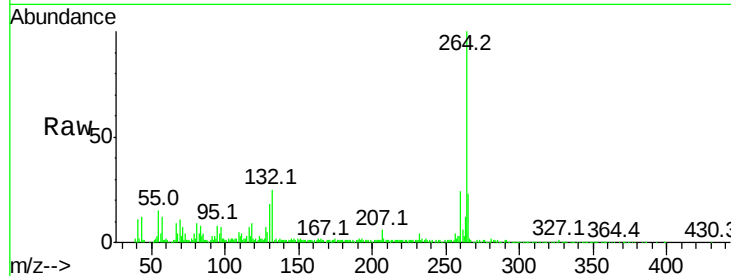
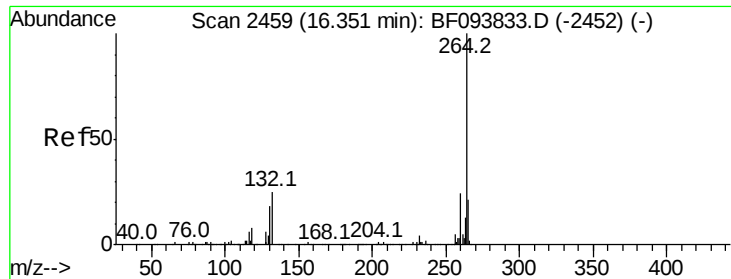
Tot Ion:240 Resp: 336931
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 26.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 31.50 ng
 RT: 13.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BF094115.D
 Acq: 1 Apr 2017 2:17

Tgt Ion:244 Resp: 473455
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 12.3 10.3 15.5





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BF094115.D

Acq: 1 Apr 2017 2:17

Instrument :

BNA_F

ClientSampleId :

B-4-S1(1.5-2)

Tot Ion:264 Resp: 257130

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.5 17.2 25.8

