

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094961.D
 Acq On : 6 May 2017 15:06
 Operator : SJ/MA
 Sample : I2947-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-0-2.0

Quant Time: May 08 08:22:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

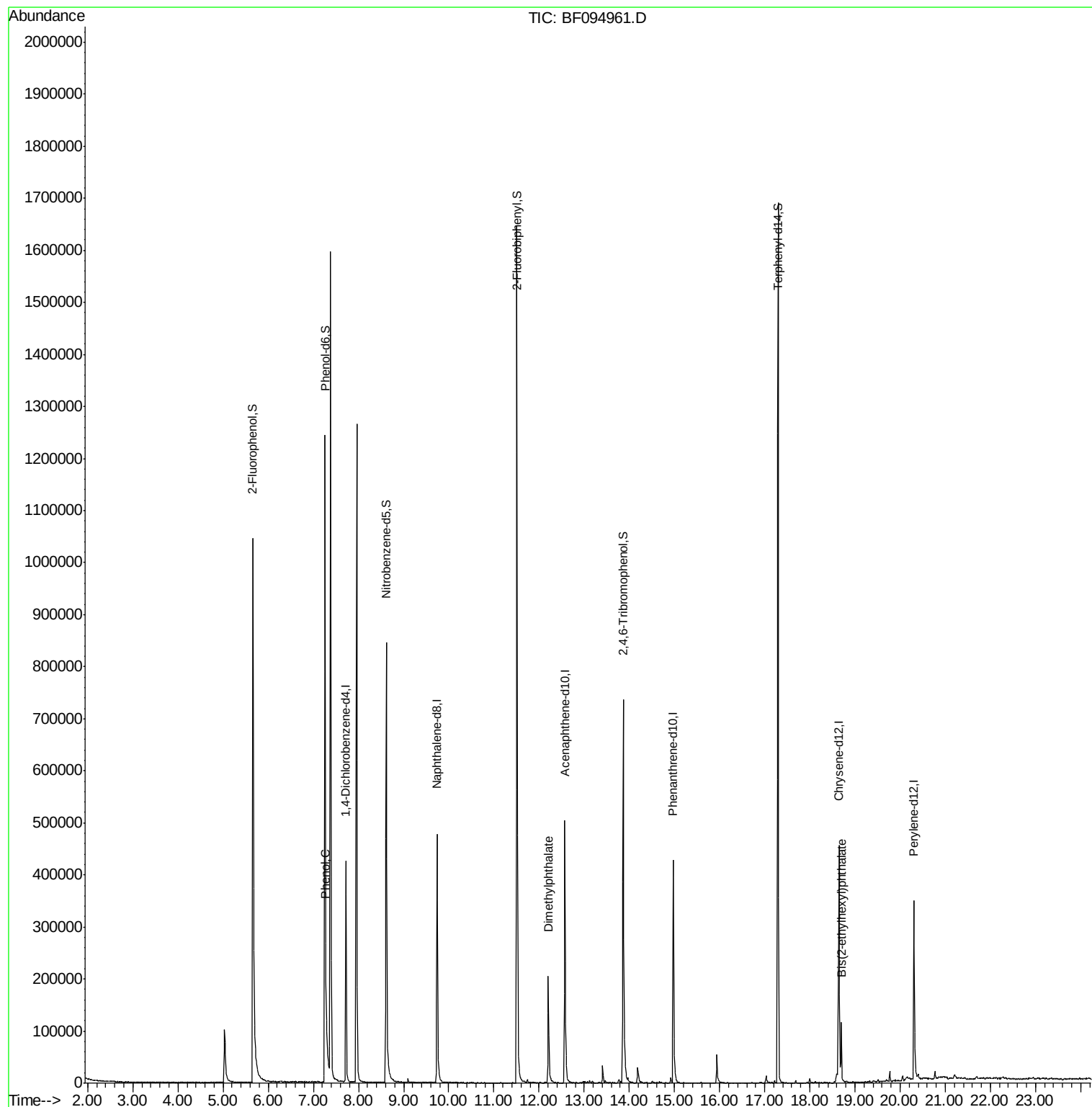
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88002	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	366696	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	154486	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	275018	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	239344	20.00	ng	-0.01
86) Perylene-d12	20.31	264	183768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	575858	109.10	ng	-0.01
7) Phenol-d6	7.26	99	732067	115.59	ng	-0.02
23) Nitrobenzene-d5	8.62	82	436429	75.05	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	146202	115.56	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	759156	70.73	ng	-0.02
78) Terphenyl-d14	17.29	244	649476	59.77	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	16725	2.51	ng	82
49) Dimethylphthalate	12.21	163	144788	11.42	ng	100
83) Bis(2-ethylhexyl)phthalate	18.70	149	38883	3.28	ng	98

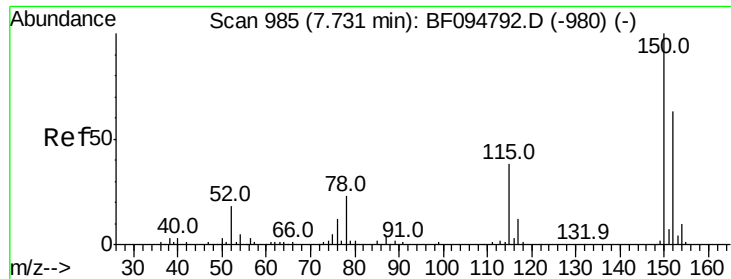
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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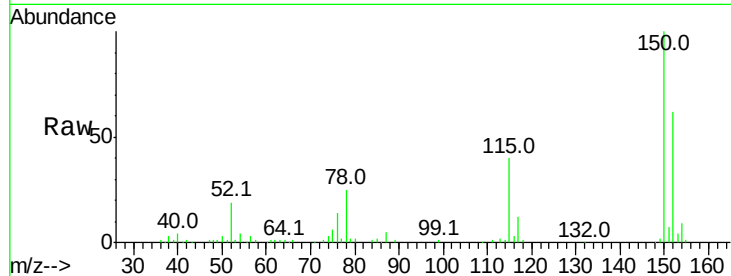


#1

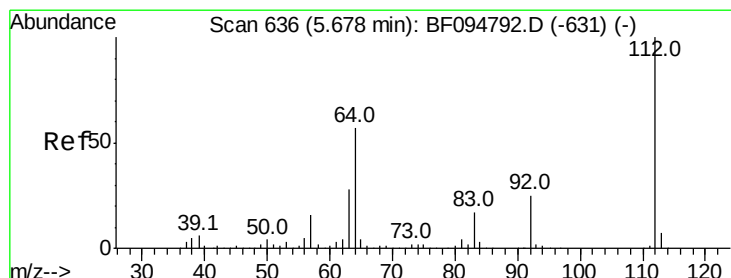
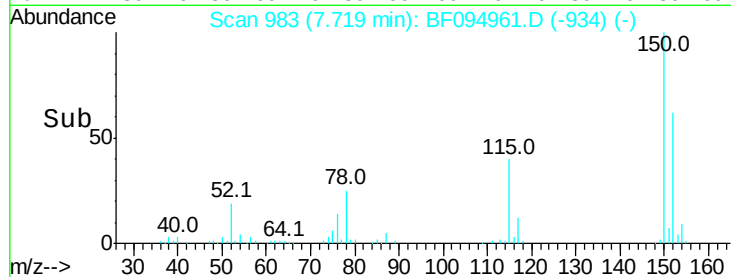
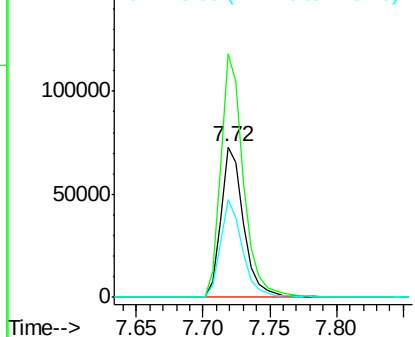
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Tot Ion:152 Resp: 88002
Ion Ratio Lower Upper
152 100
150 162.1 126.2 189.2
115 64.8 52.2 78.2



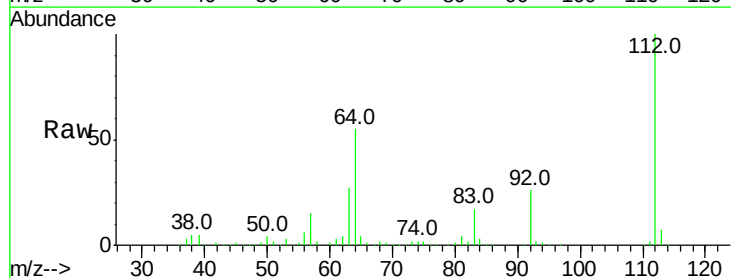
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



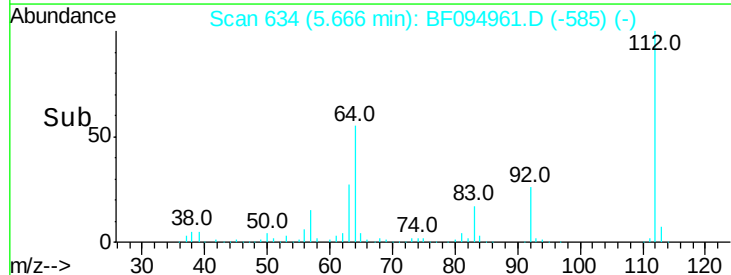
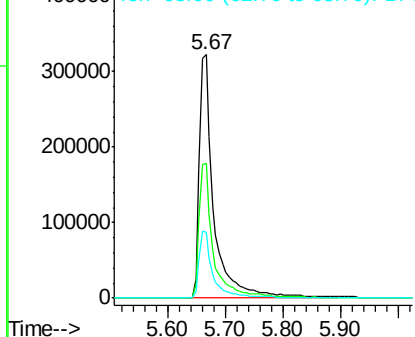
#5

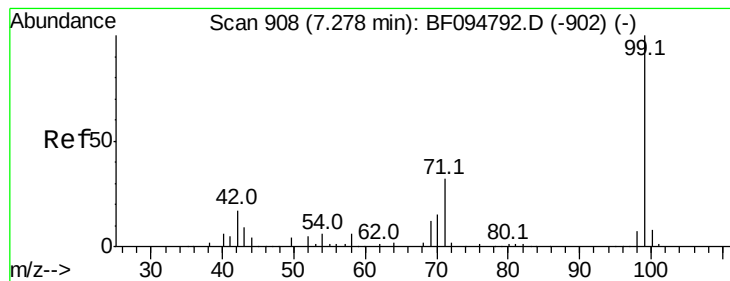
2-Fluorophenol
Concen: 109.10 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

Tgt Ion:112 Resp: 575858
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 26.8 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: 115.59 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

Instrument :

BNA_F

ClientSampleId :

SB-03-0-2.0

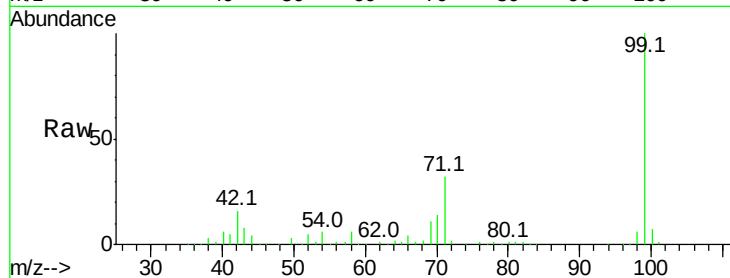
Tot Ion: 99 Resp: 732067

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.2	24.5	36.7

99 100

42 16.1 13.5 20.3

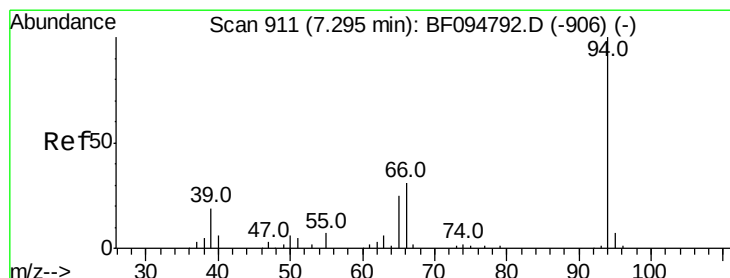
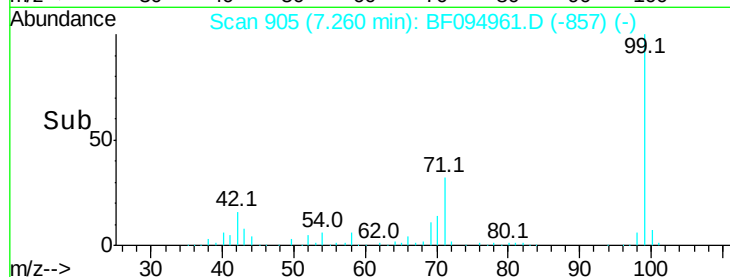
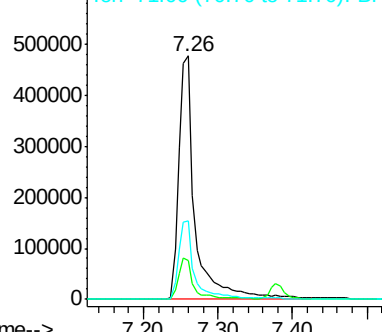
71 32.2 24.5 36.7



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: 2.51 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

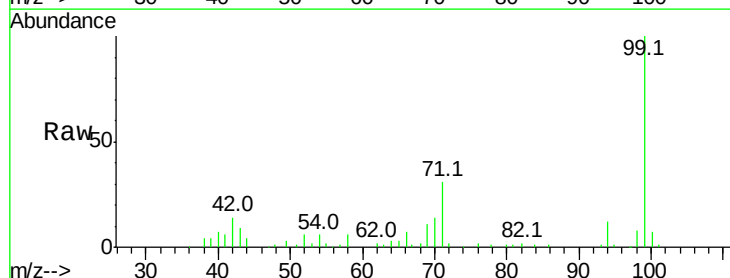
Tgt Ion: 94 Resp: 16725

Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.9	49.9
66	62.1	23.1	63.1

94 100

65 29.0 9.9 49.9

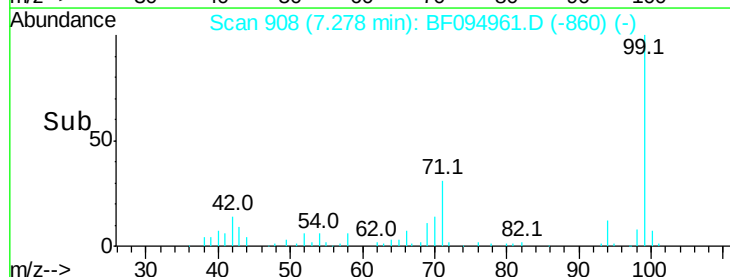
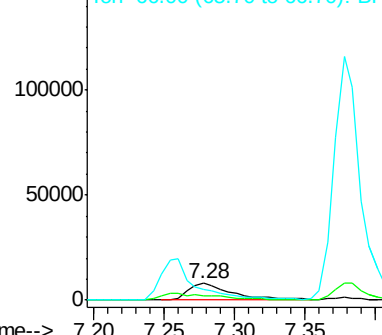
66 62.1 23.1 63.1

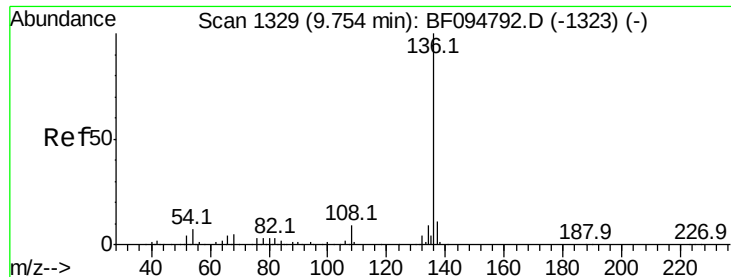


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

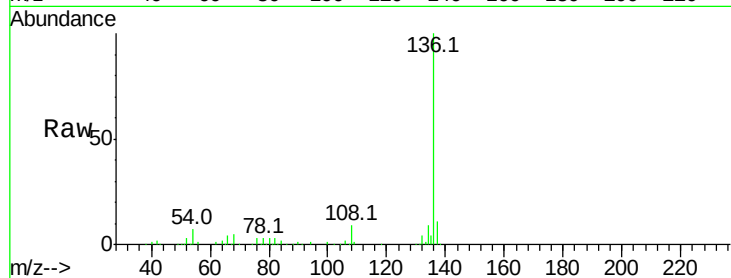




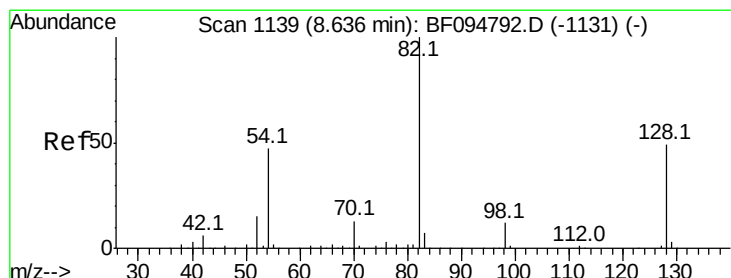
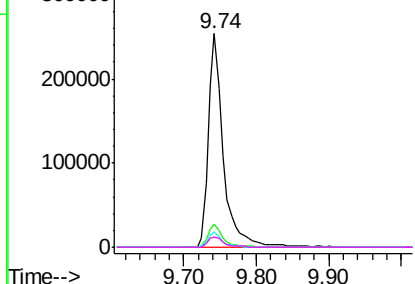
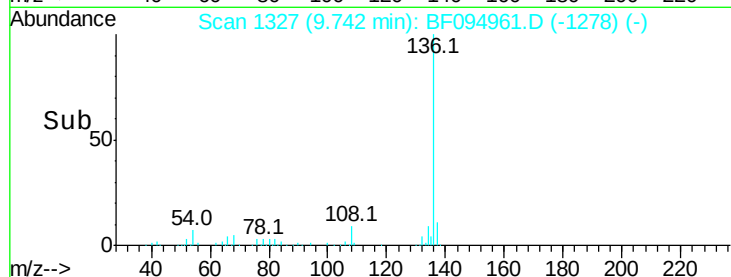
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Tot Ion:136	Resp:	366696
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	7.1	4.9 7.3
68	4.9	4.1 6.1

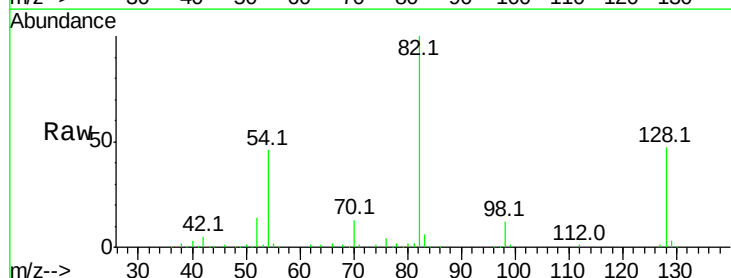


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

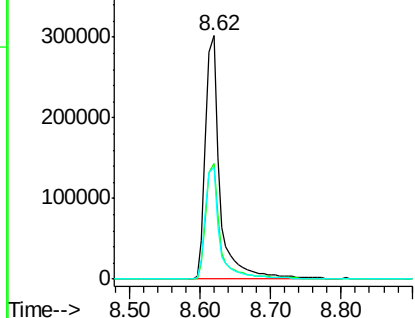
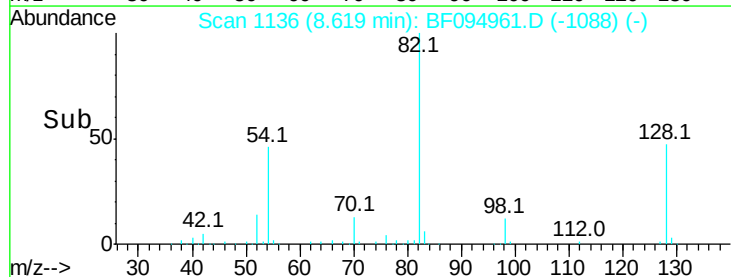


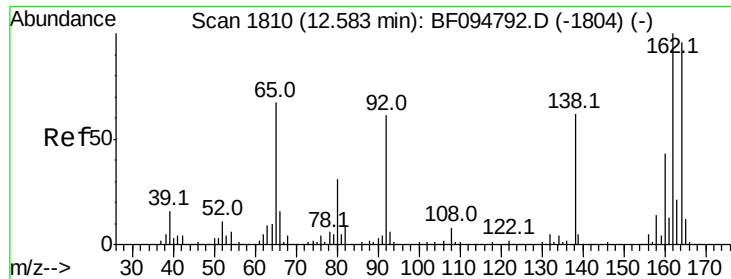
#23
Nitrobenzene-d5
Concen: 75.05 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

Tgt Ion: 82	Resp:	436429
Ion Ratio	Lower	Upper
82	100	
128	47.4	34.0 51.0
54	46.0	42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

Instrument :

BNA_F

ClientSampleId :

SB-03-0-2.0

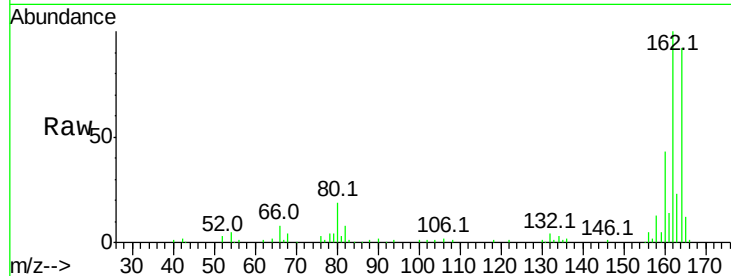
Tot Ion:164 Resp: 154486

Ion Ratio Lower Upper

164 100

162 108.5 82.6 123.8

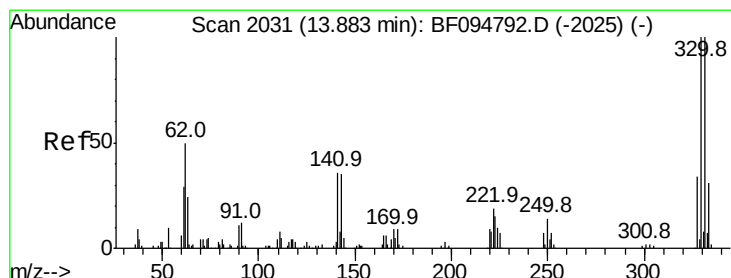
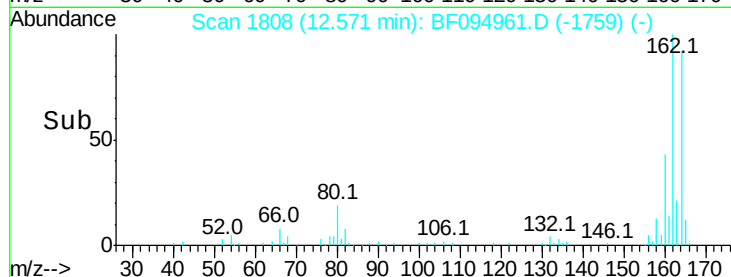
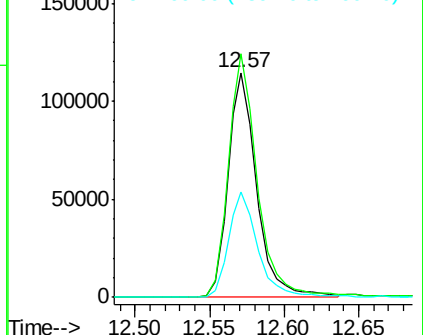
160 47.1 36.2 54.2



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: 115.56 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

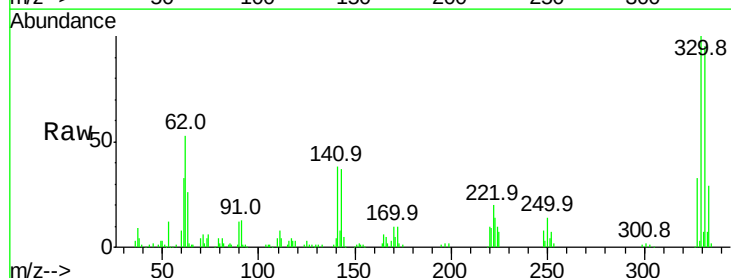
Tgt Ion:330 Resp: 146202

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

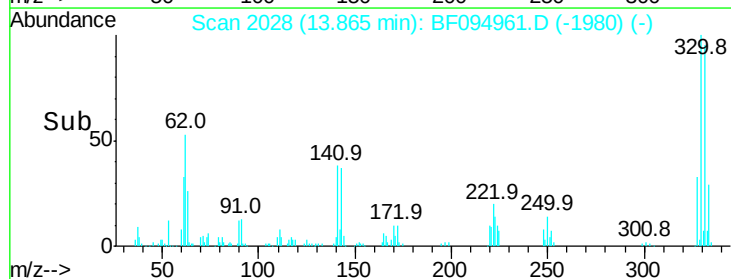
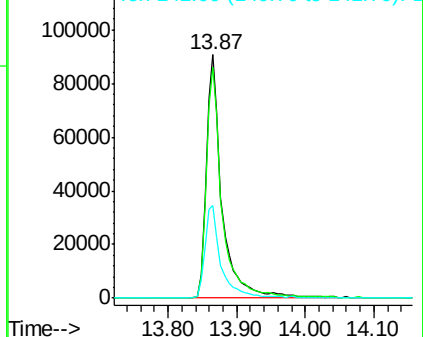
141 39.5 31.4 47.2

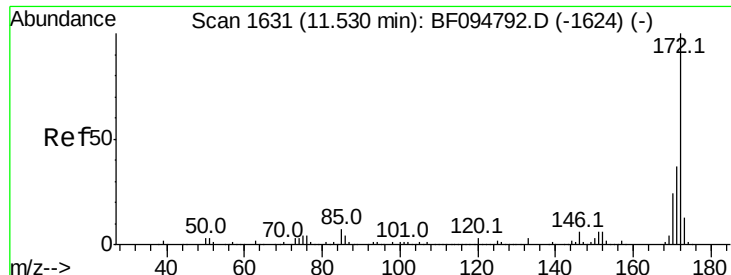


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

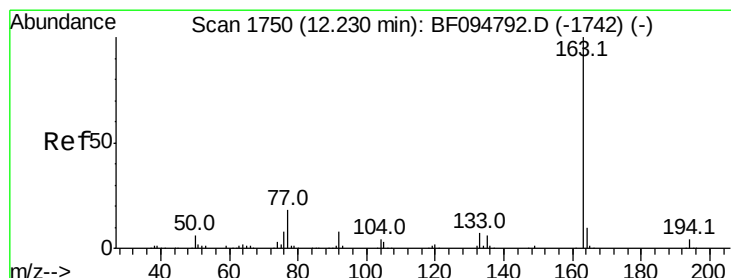
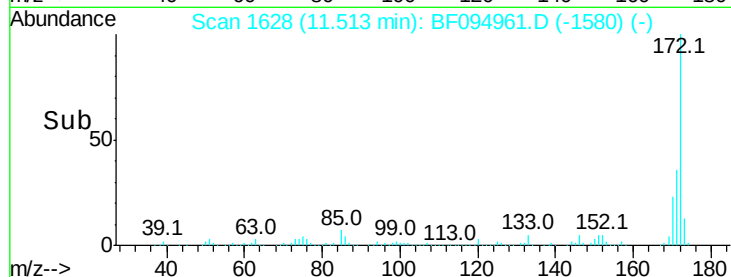
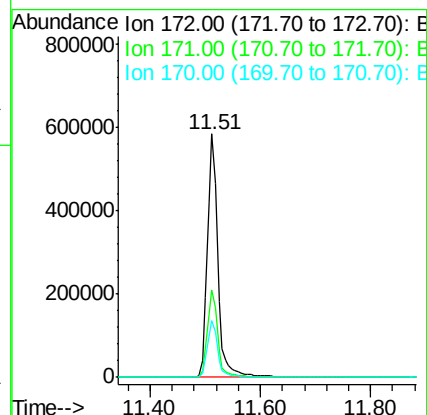
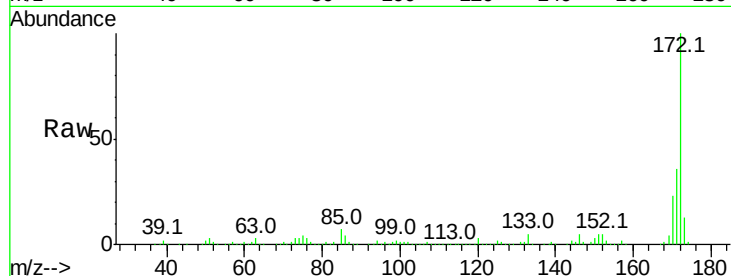




#44
2-Fluorobiphenyl
Concen: 70.73 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

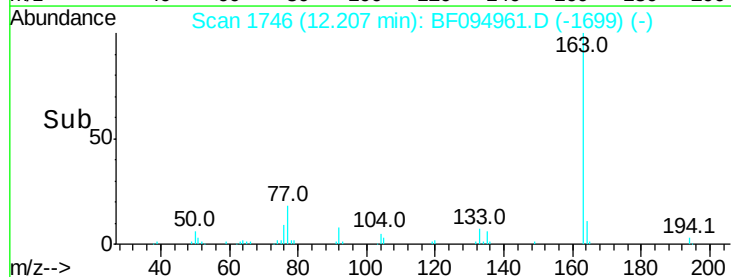
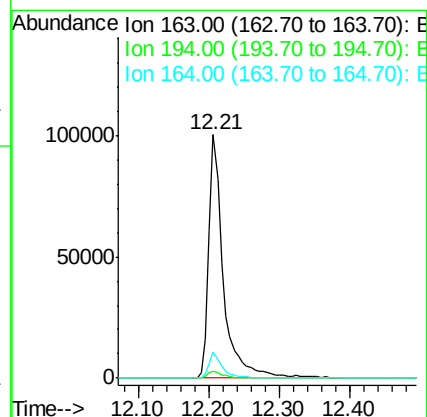
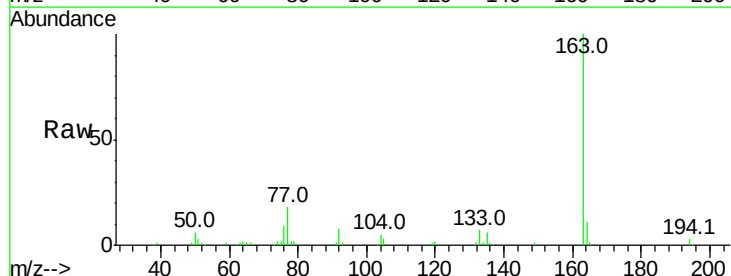
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

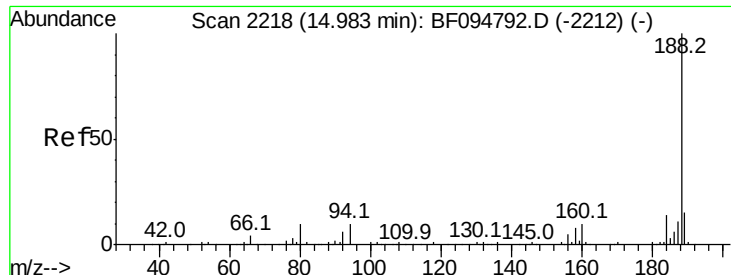
Tot Ion:172 Resp: 759156
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.2 19.8 29.8



#49
Dimethylphthalate
Concen: 11.42 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

Tgt Ion:163 Resp: 144788
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.5 8.4 12.6

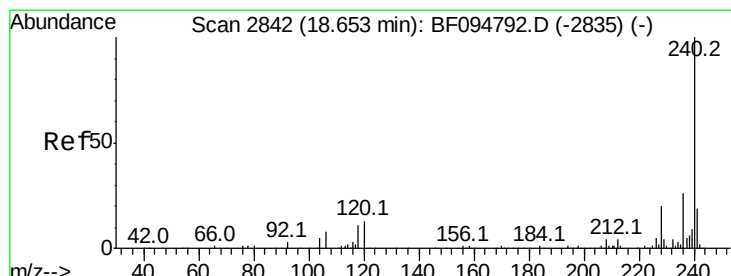
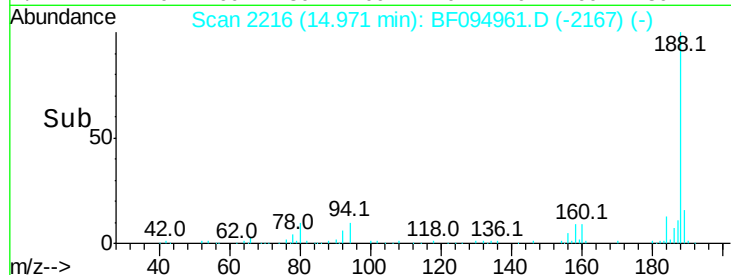
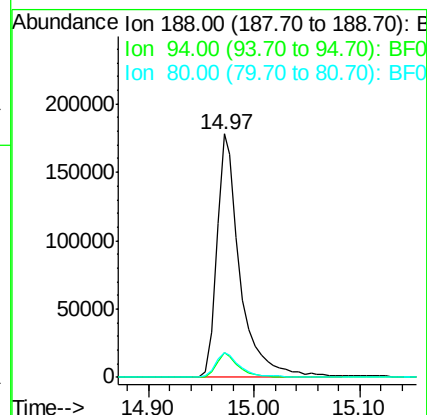
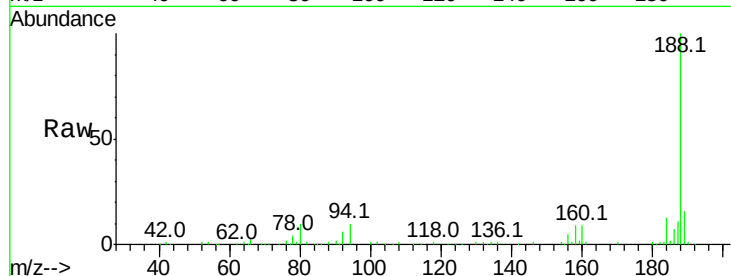




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094961.D
 Acq: 6 May 2017 15:06

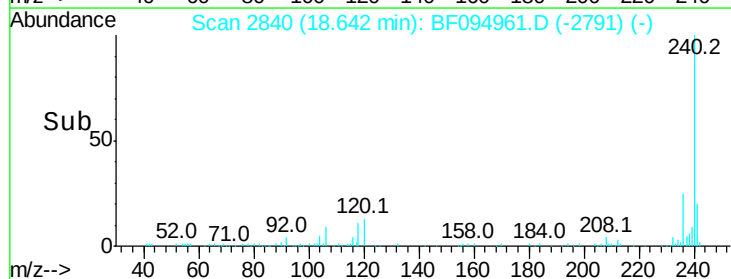
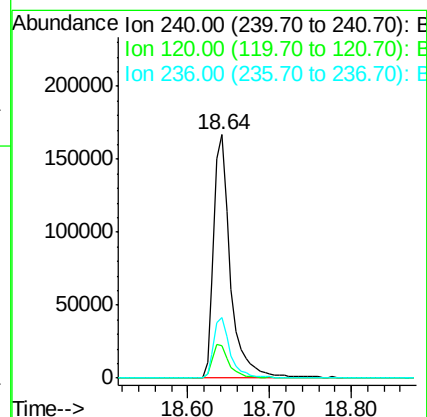
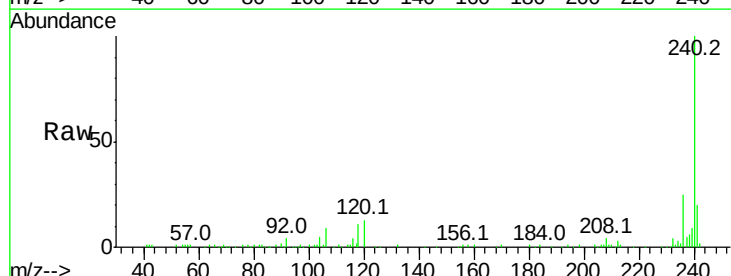
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-0-2.0

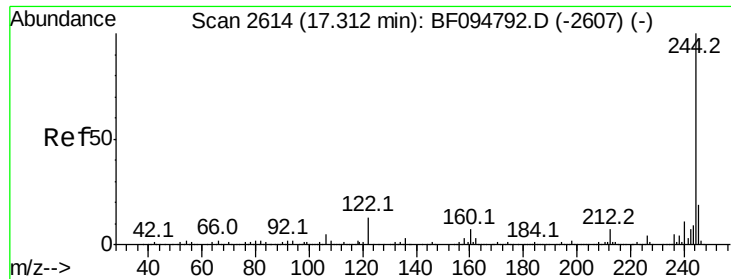
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.3	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094961.D
 Acq: 6 May 2017 15:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	24.9	20.5	30.7

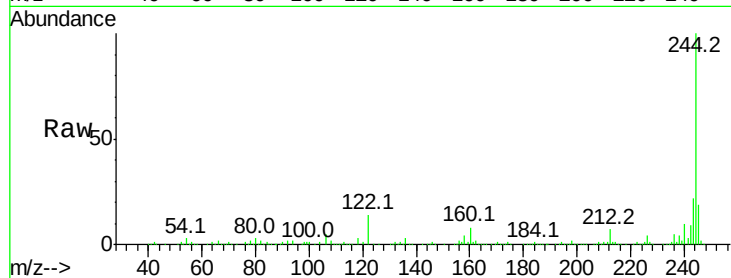




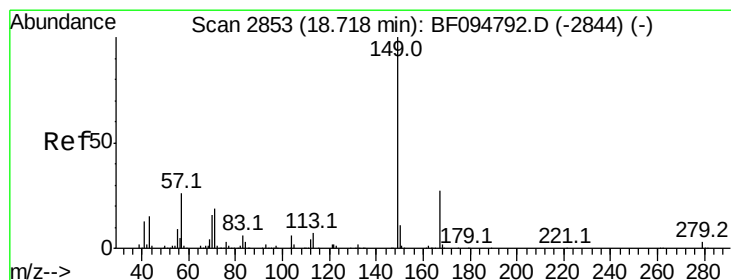
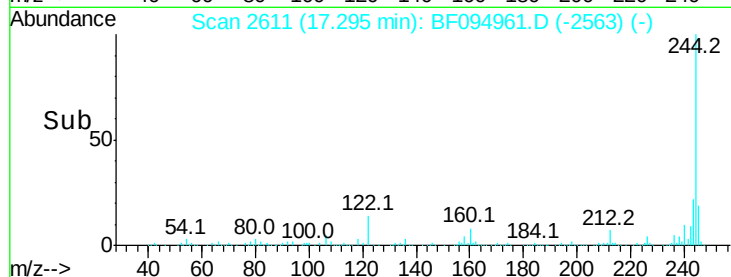
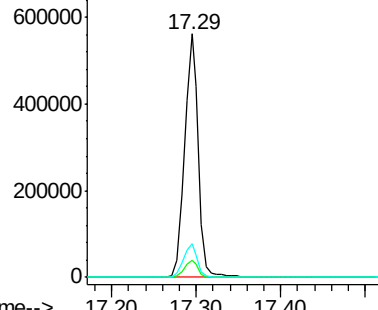
#78
 Terphenyl-d14
 Concen: 59.77 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094961.D
 Acq: 6 May 2017 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-0-2.0

Tot Ion:244 Resp: 649476
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.0 10.3 15.5

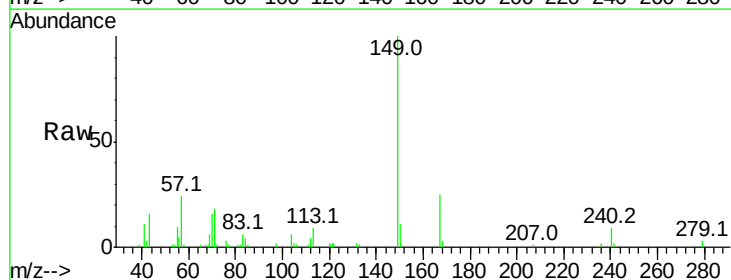


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

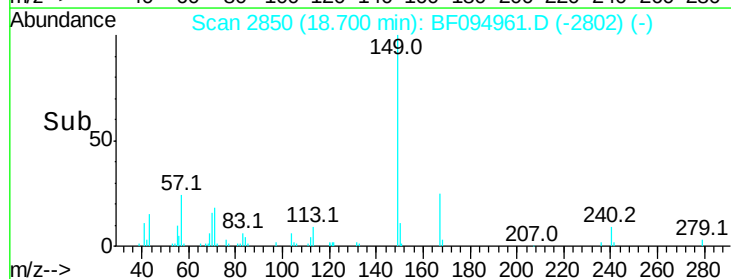
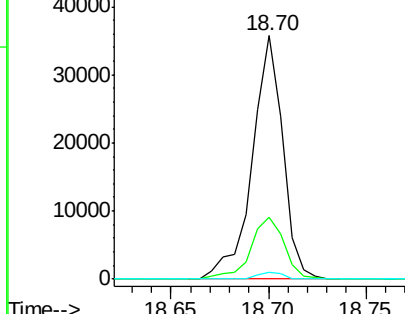


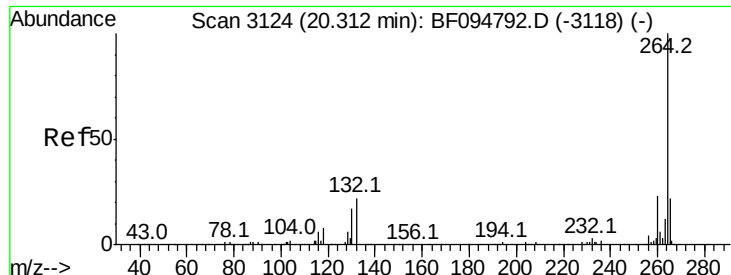
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.28 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF094961.D
 Acq: 6 May 2017 15:06

Tgt Ion:149 Resp: 38883
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.0 31.4
 279 2.5 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

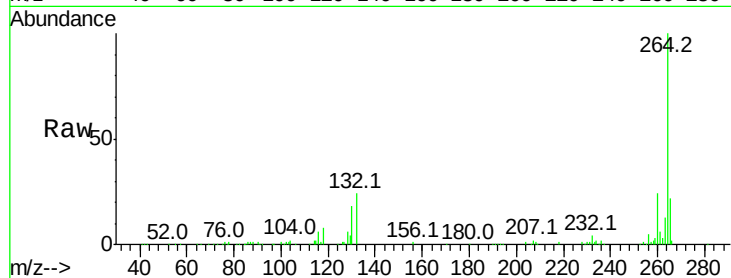




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.6	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

