

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099812.D
 Acq On : 25 Oct 2017 14:42
 Operator : SJ/JU
 Sample : I6064-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11935-COMP

Quant Time: Oct 25 17:10:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

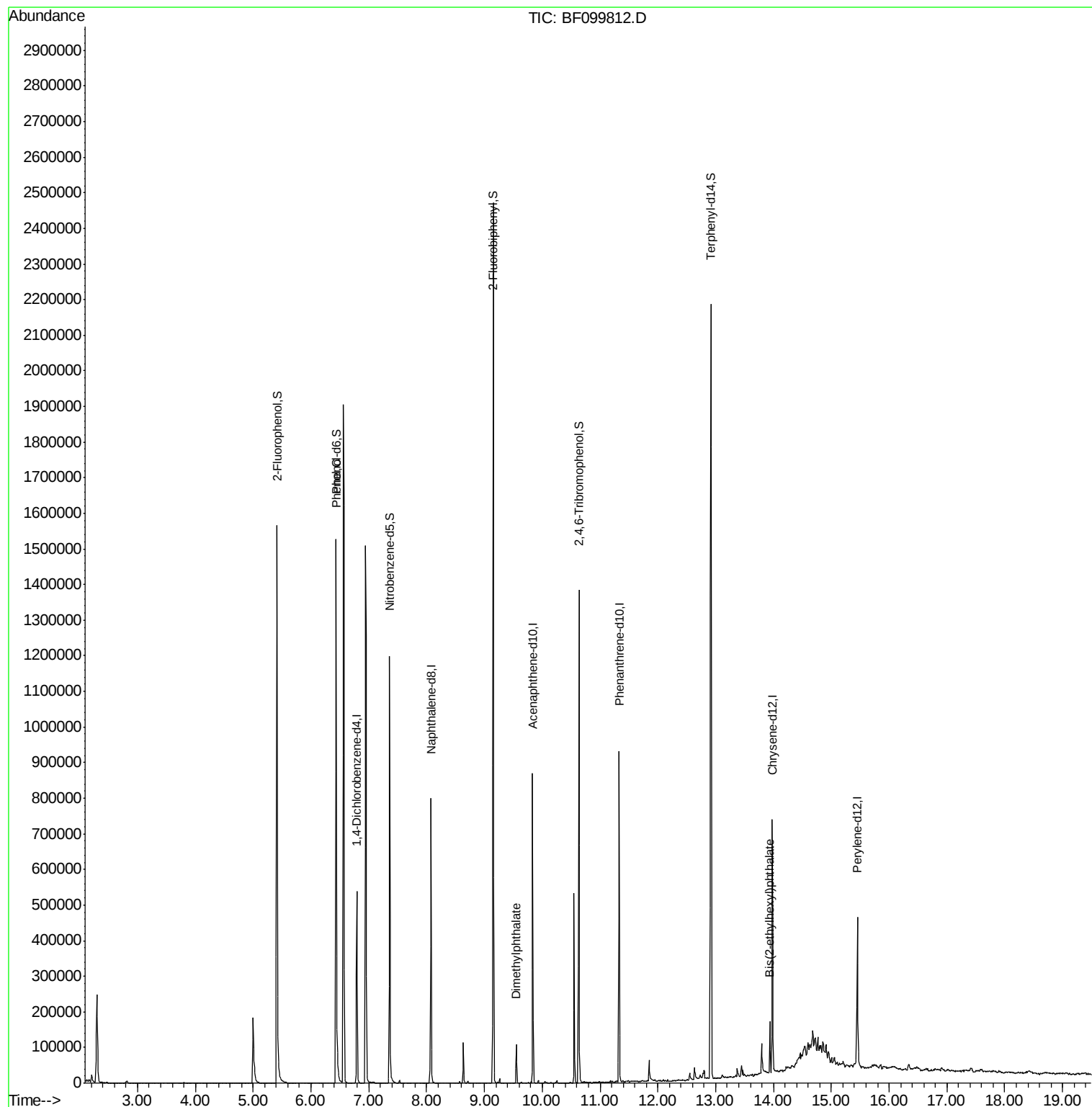
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82879	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	347908	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	169457	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	319942	20.00	ng	0.00
75) Chrysene-d12	13.98	240	224956	20.00	ng	0.00
86) Perylene-d12	15.45	264	181168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	541662	102.61	ng	0.00
7) Phenol-d6	6.43	99	661981	105.76	ng	0.00
23) Nitrobenzene-d5	7.36	82	381821	70.66	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	167626	108.55	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	804489	73.25	ng	0.00
78) Terphenyl-d14	12.92	244	756177	73.46	ng	0.00
Target Compounds						
10) Phenol	6.45	94	30292	4.408	ng	90
49) Dimethylphthalate	9.55	163	43118	3.213	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	39031	3.300	ng	97

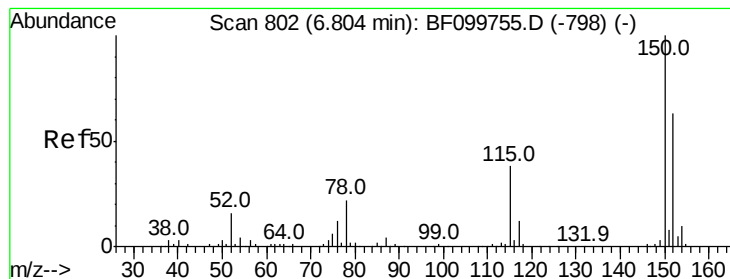
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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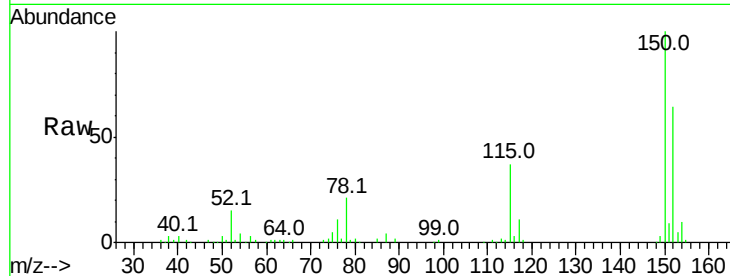


#1

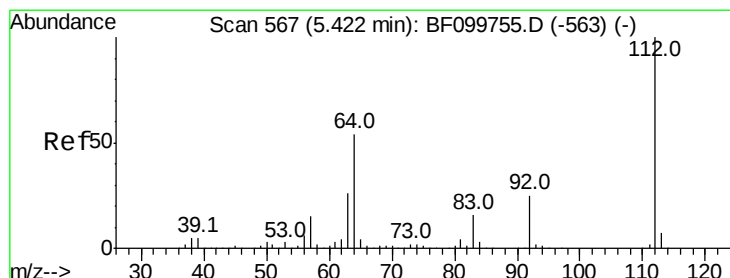
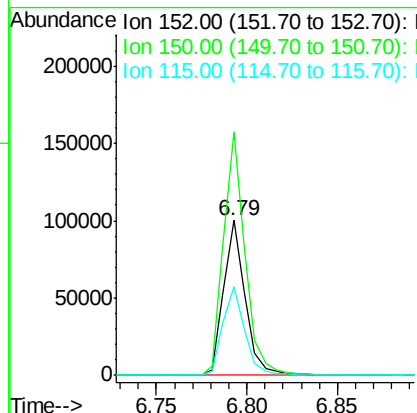
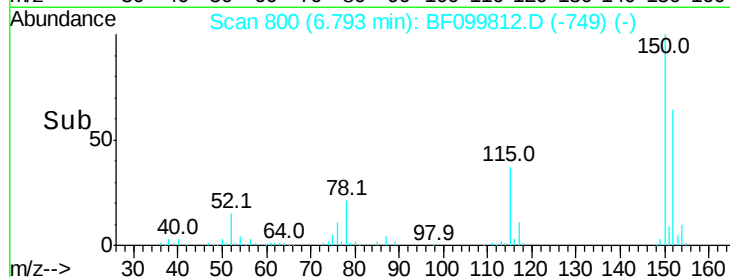
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

Instrument :
 BNA_F
 ClientSampleId :
 72-11935-COMP

Tot Ion:152 Resp: 82879
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 57.5 50.1 75.1



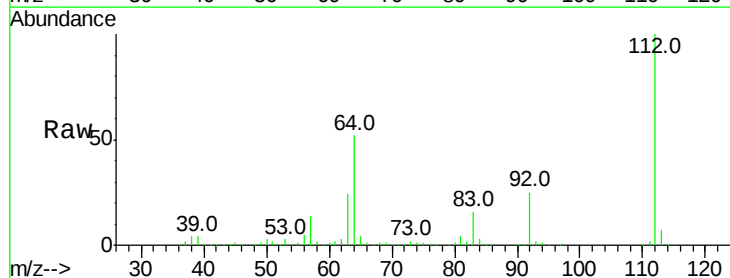
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



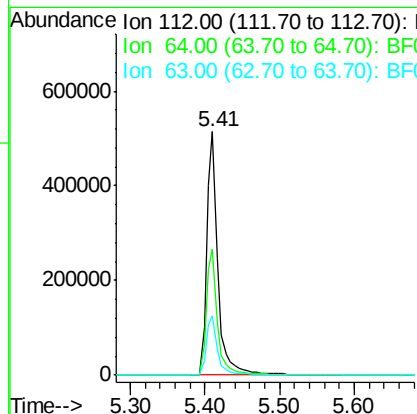
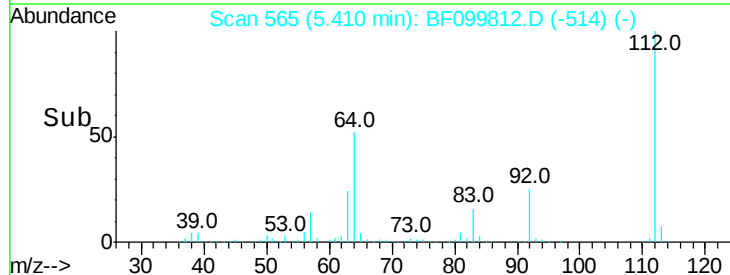
#5

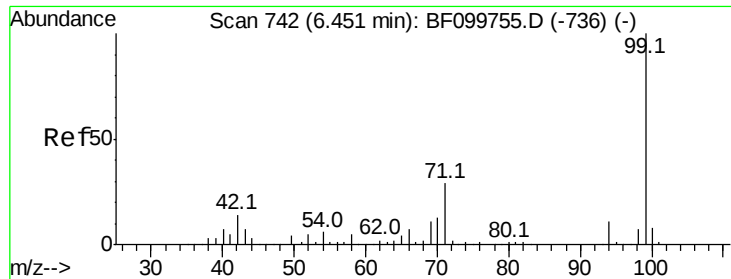
2-Fluorophenol
 Concen: 102.606 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

Tgt Ion:112 Resp: 541662
 Ion Ratio Lower Upper
 112 100
 64 51.7 47.9 71.9
 63 24.3 23.7 35.5



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: 105.757 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

Instrument :

BNA_F

ClientSampleId :

72-11935-COMP

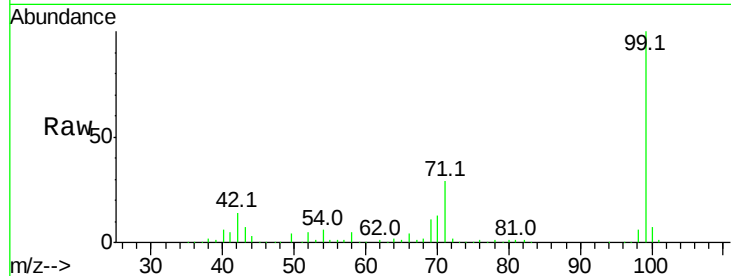
Tot Ion: 99 Resp: 661981

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

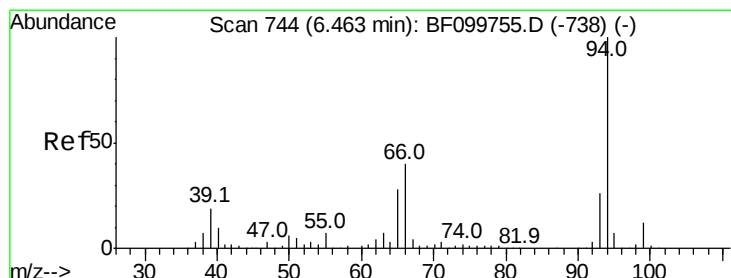
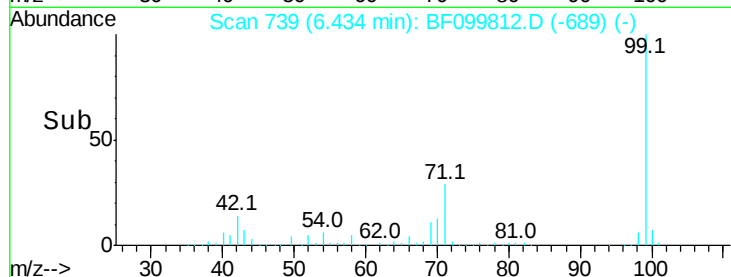
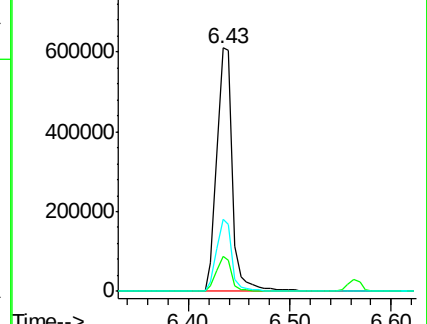
71 29.4 25.4 38.0



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: 4.408 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

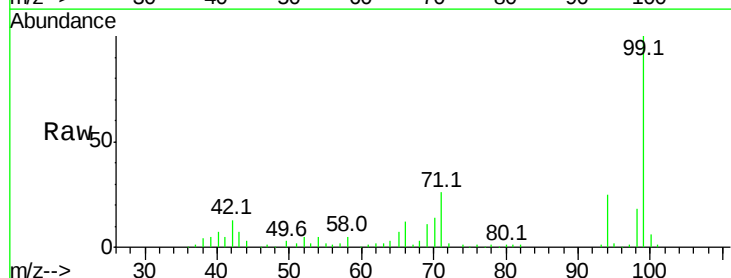
Tgt Ion: 94 Resp: 30292

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

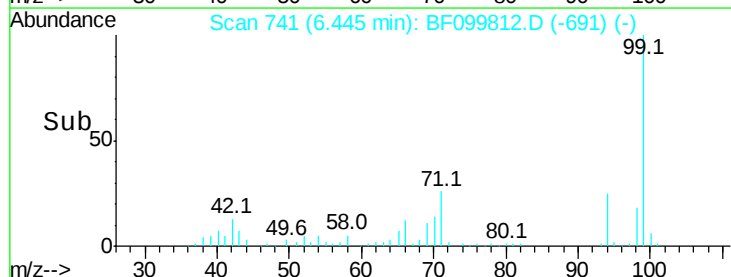
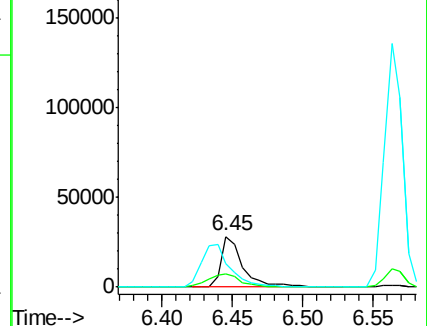
66 46.4 16.2 56.2

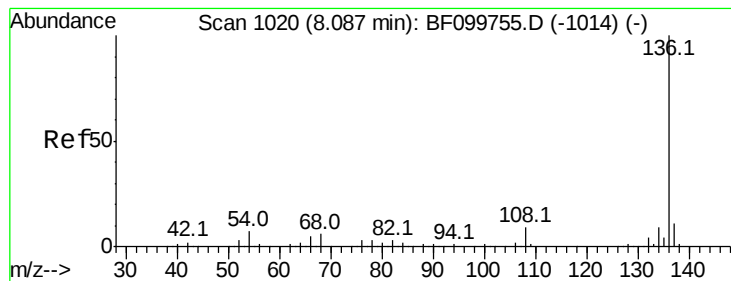


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

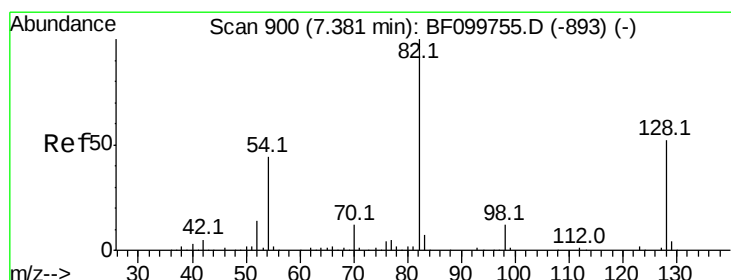
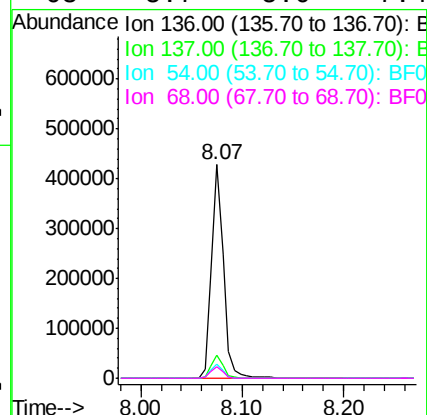
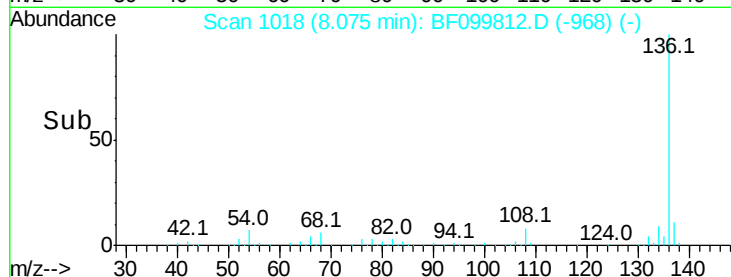
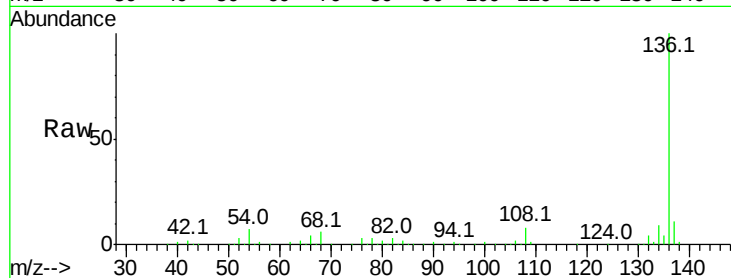




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099812.D
Acq: 25 Oct 2017 14:42

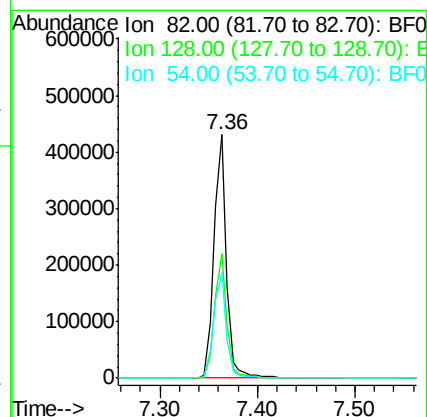
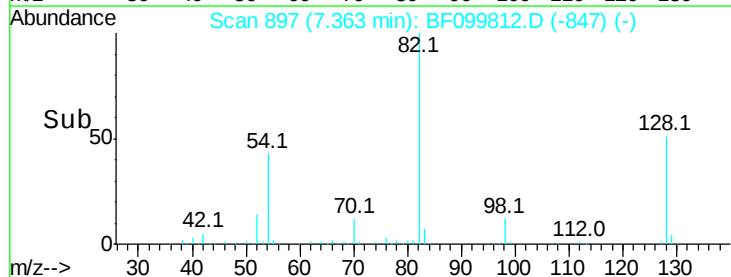
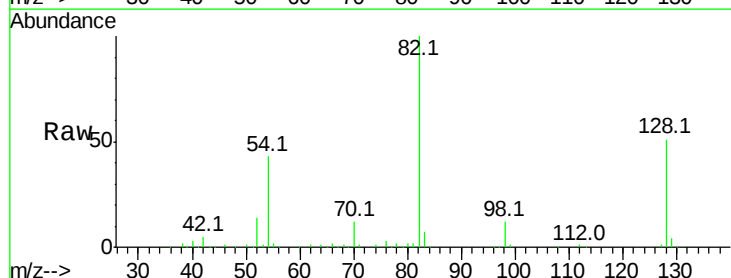
Instrument :
BNA_F
ClientSampleId :
72-11935-COMP

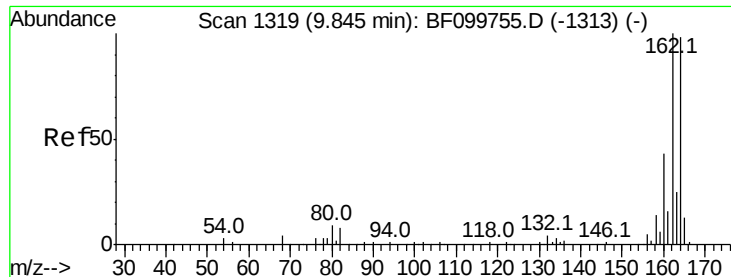
Tot Ion:	136	Resp:	347908
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 70.656 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099812.D
Acq: 25 Oct 2017 14:42

Tgt Ion:	82	Resp:	381821
Ion	Ratio	Lower	Upper
82	100		
128	51.0	36.1	54.1
54	43.4	41.4	62.2

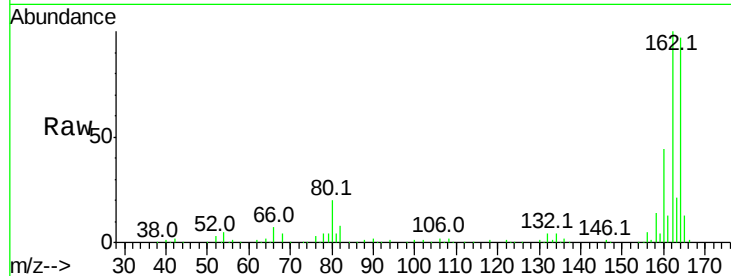




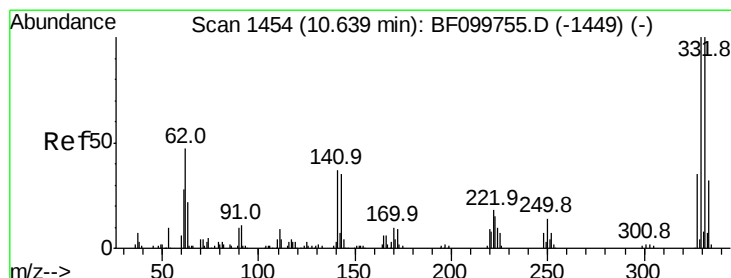
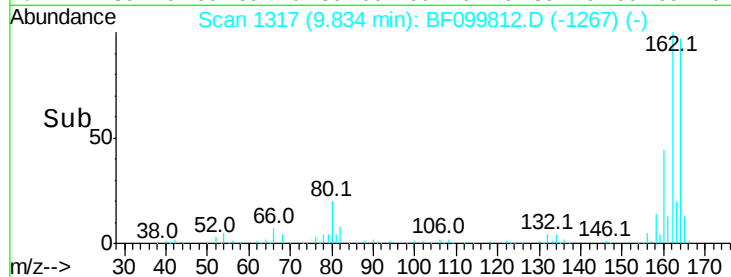
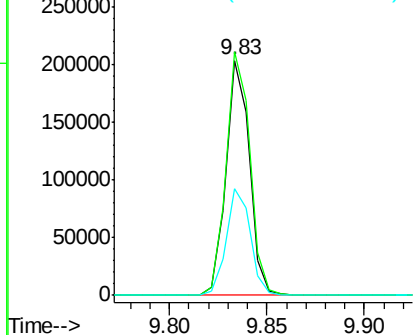
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099812.D
Acq: 25 Oct 2017 14:42

Instrument :
BNA_F
ClientSampleId :
72-11935-COMP

Tot Ion:164 Resp: 169457
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 45.1 38.3 57.5

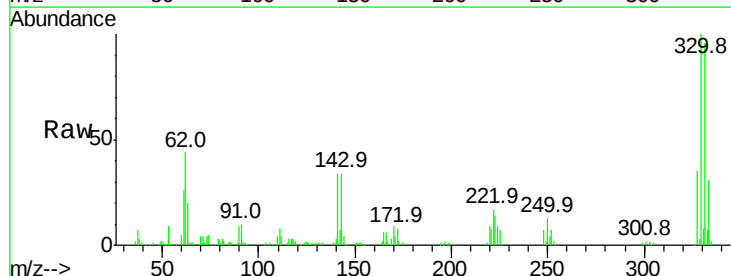


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

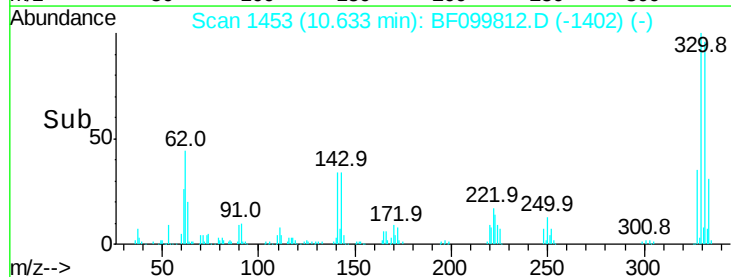
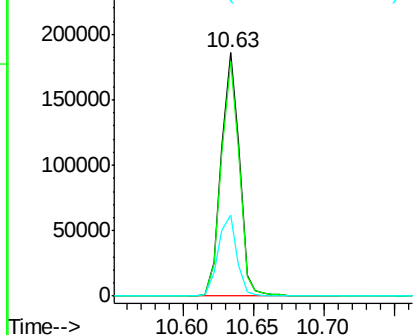


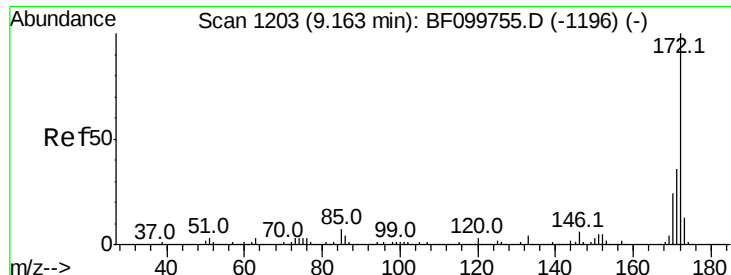
#41
2,4,6-Tribromophenol
Concen: 108.546 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF099812.D
Acq: 25 Oct 2017 14:42

Tgt Ion:330 Resp: 167626
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 33.9 29.9 44.9



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

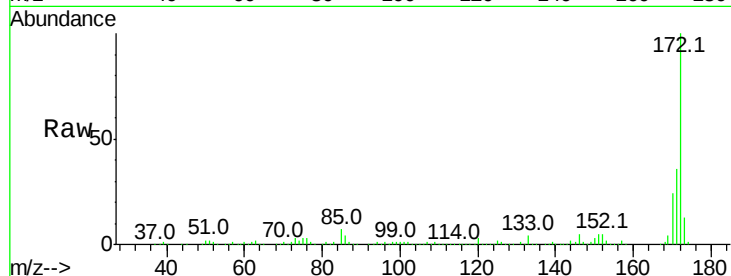




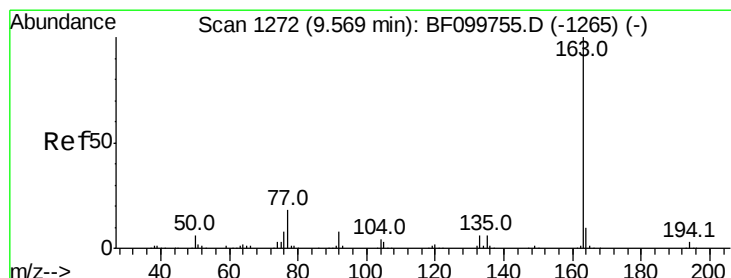
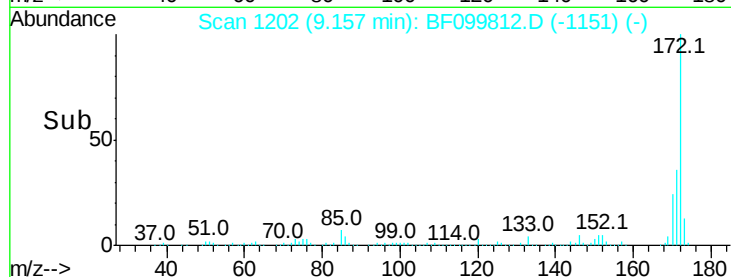
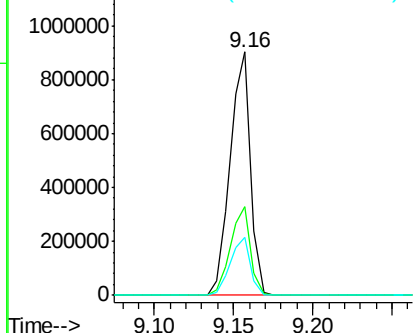
#44
2-Fluorobiphenyl
Concen: 73.246 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099812.D
Acq: 25 Oct 2017 14:42

Instrument :
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ClientSampleId :
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Tot Ion:172 Resp: 804489
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.8 19.6 29.4

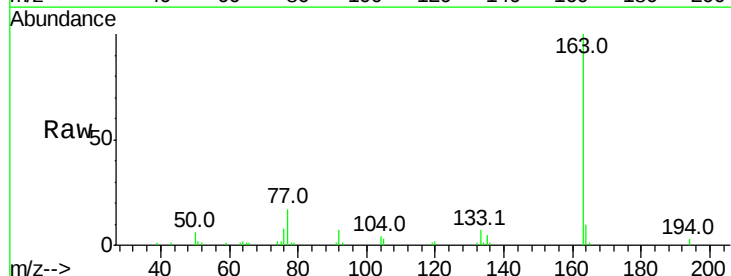


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

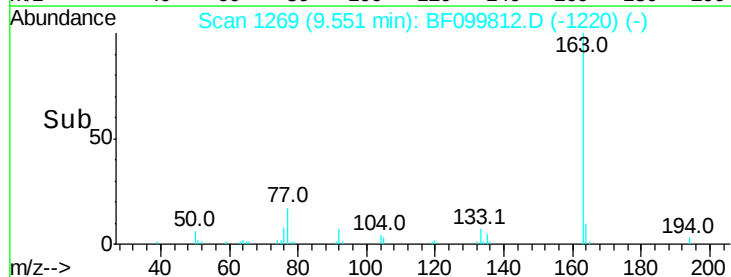
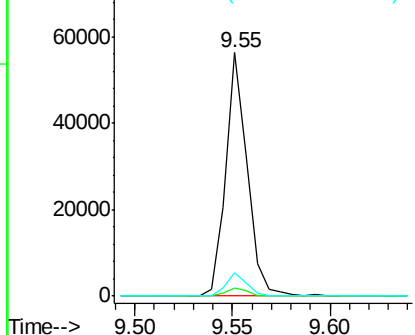


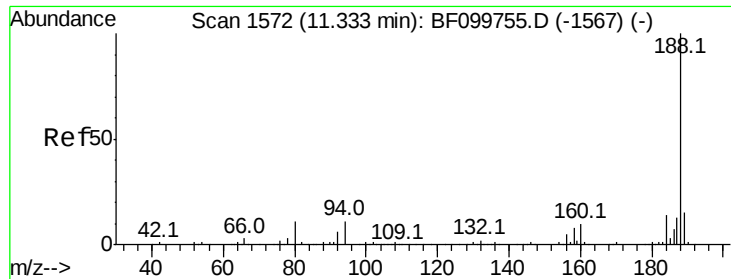
#49
Dimethylphthalate
Concen: 3.213 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099812.D
Acq: 25 Oct 2017 14:42

Tgt Ion:163 Resp: 43118
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 8.2 12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

Instrument :

BNA_F

ClientSampleId :

72-11935-COMP

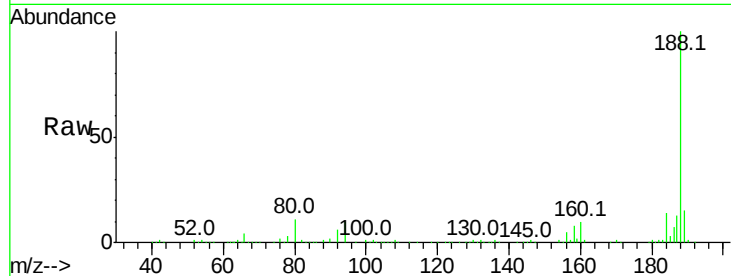
Tot Ion:188 Resp: 319942

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

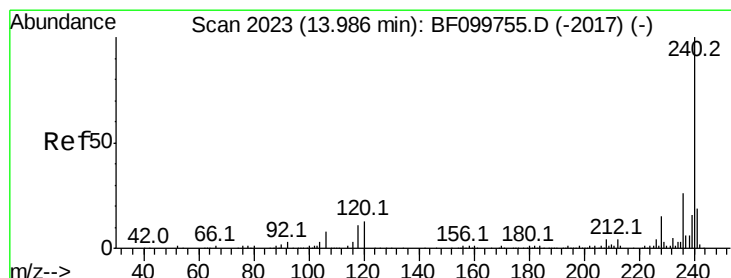
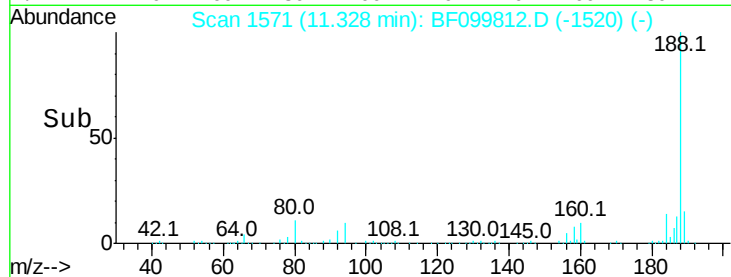
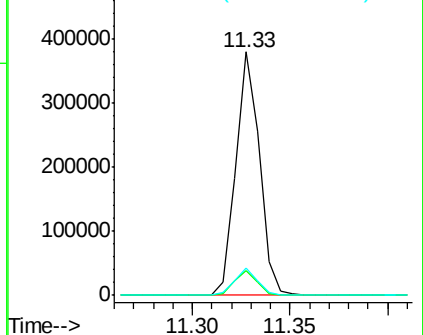
80 11.5 9.2 13.8



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: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

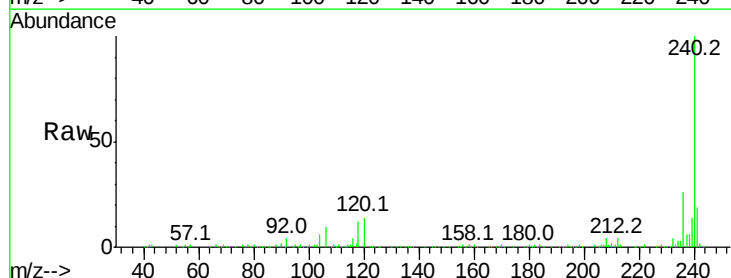
Tgt Ion:240 Resp: 224956

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

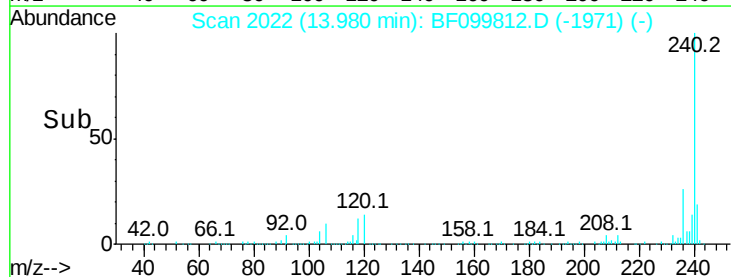
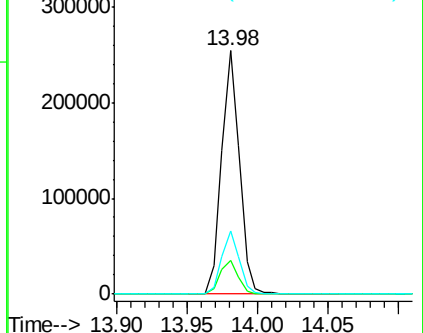
236 25.8 20.7 31.1

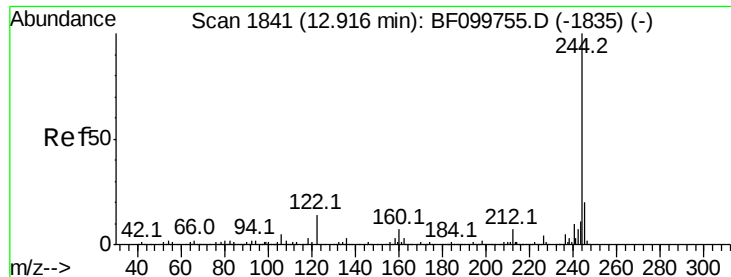


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.460 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF099812.D

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72-11935-COMP

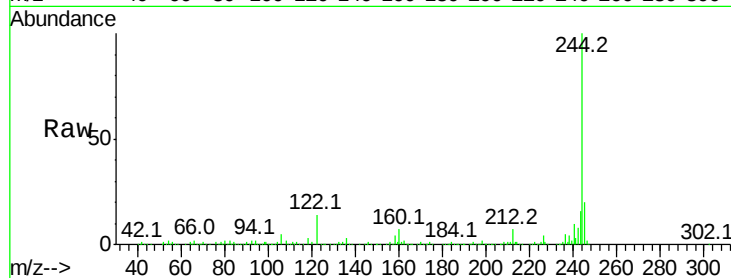
Tot Ion:244 Resp: 756177

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

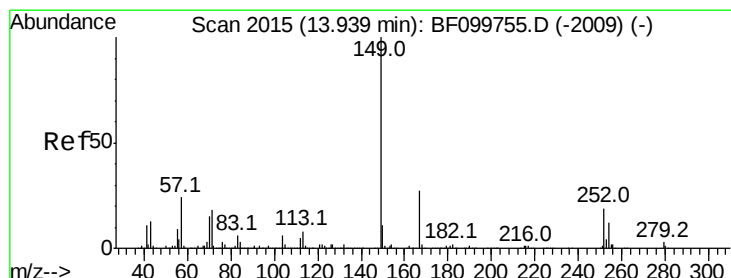
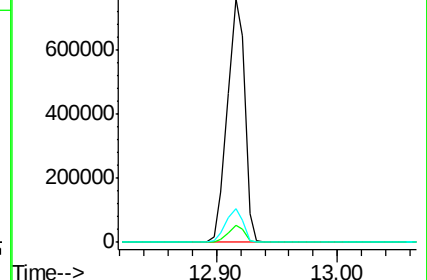
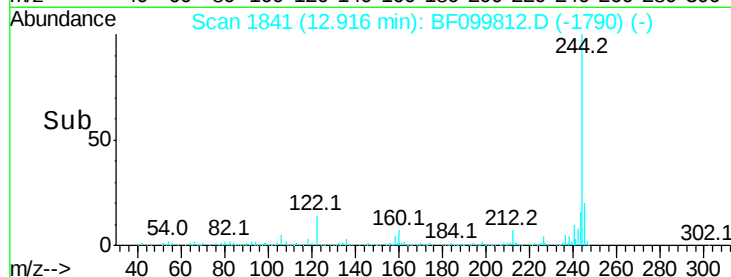
122 13.6 11.0 16.4



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: 3.300 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF099812.D

Acq: 25 Oct 2017 14:42

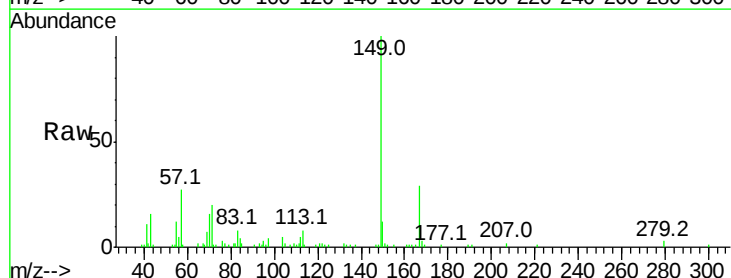
Tgt Ion:149 Resp: 39031

Ion Ratio Lower Upper

149 100

167 28.5 21.3 31.9

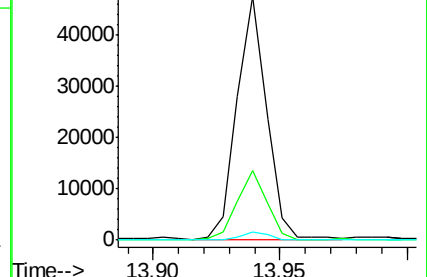
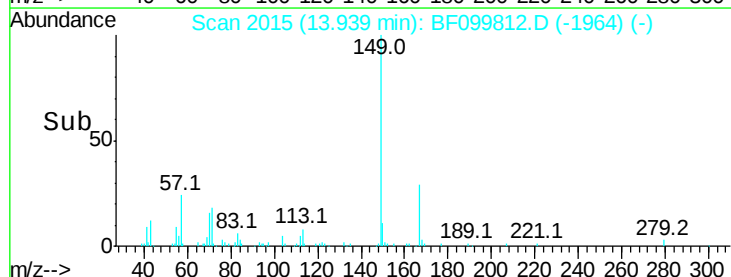
279 3.4 3.0 4.4

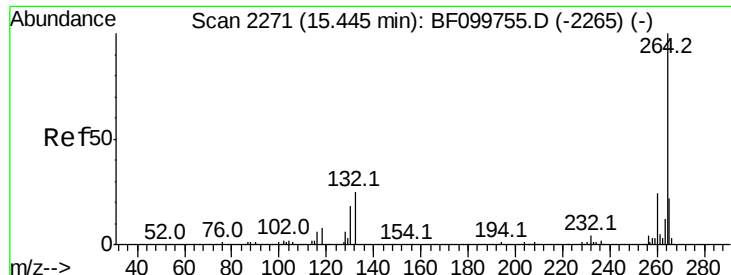


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

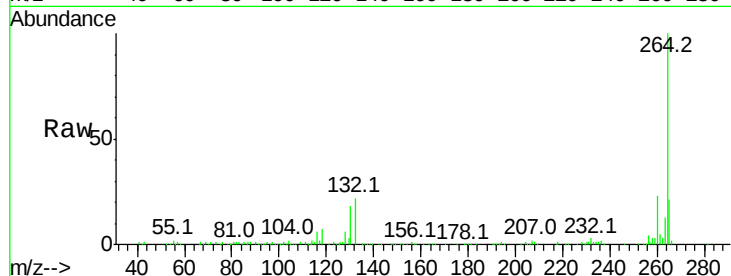




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099812.D
 Acq: 25 Oct 2017 14:42

Instrument :
 BNA_F
 ClientSampleId :
 72-11935-COMP

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.4	19.2	28.8	
265	21.5	17.5	26.3	



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

