

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099058.D
 Acq On : 4 Oct 2017 4:11
 Operator : SJ/JU
 Sample : I5588-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-T8(0-5)

Quant Time: Oct 04 08:35:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

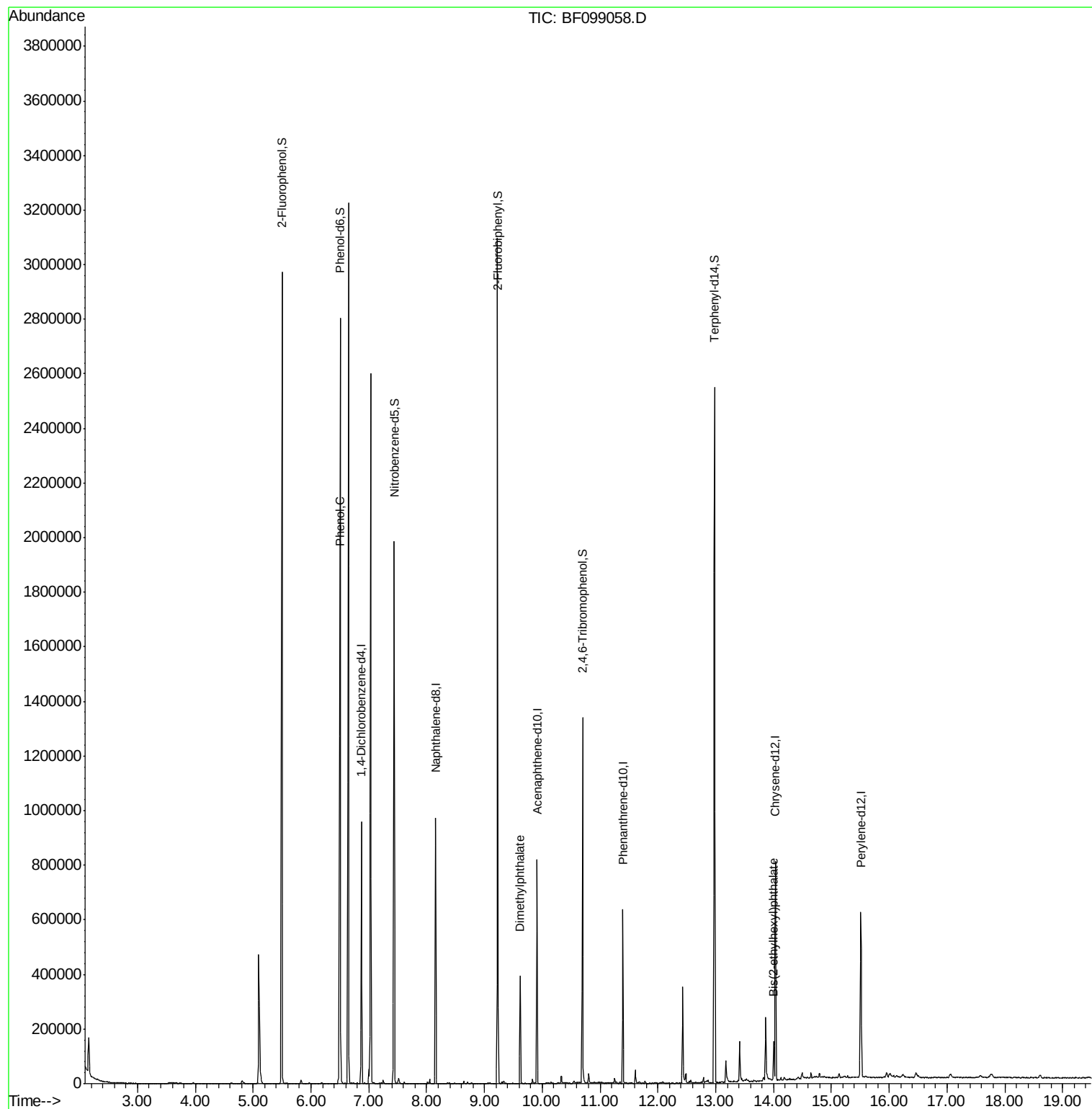
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	124230	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	431399	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	144443	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	220088	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	247849	20.00	ng	-0.05
86) Perylene-d12	15.51	264	243229	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	972866	124.66	ng	-0.04
7) Phenol-d6	6.50	99	1144340	118.87	ng	-0.04
23) Nitrobenzene-d5	7.44	82	651799	96.89	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	136467	115.46	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	968969	111.99	ng	-0.05
78) Terphenyl-d14	12.98	244	745727	68.43	ng	-0.05
Target Compounds						Qvalue
10) Phenol	6.52	94	29180	2.710	ng	92
49) Dimethylphthalate	9.62	163	160479	14.720	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	36253	2.964	ng	# 97

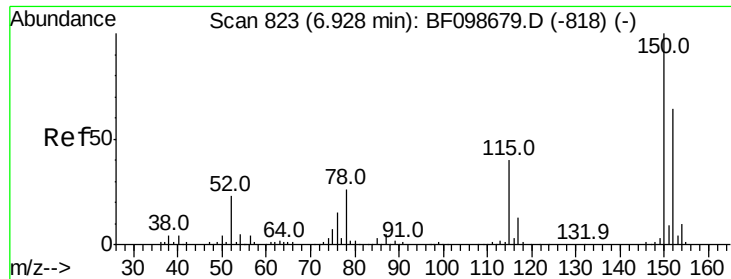
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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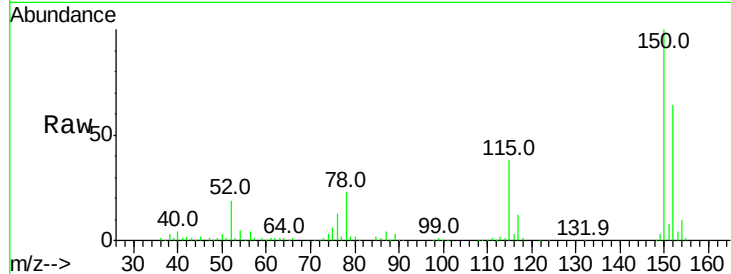


#1

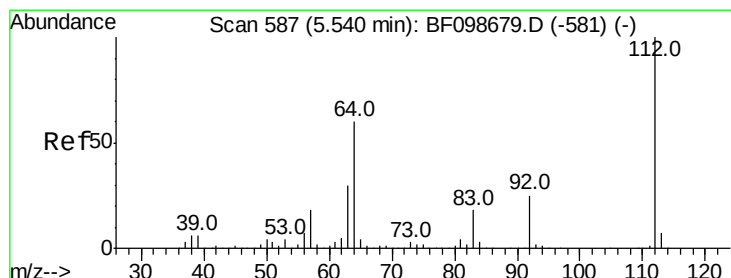
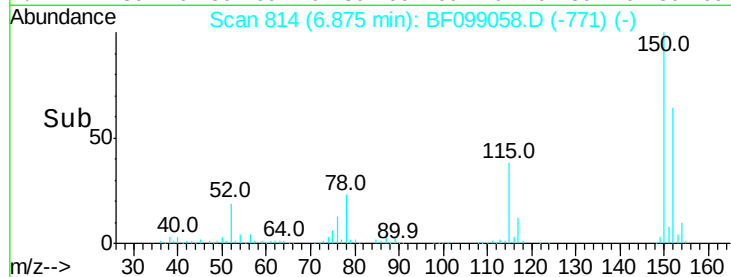
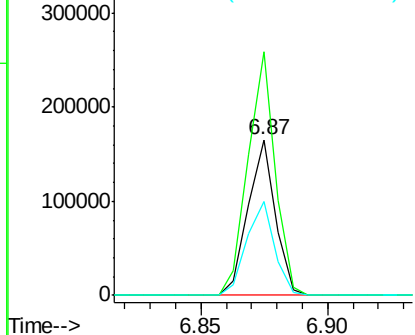
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF099058.D
 Acq: 4 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-T8(0-5)

Tot Ion:152 Resp: 124230
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 60.1 50.1 75.1



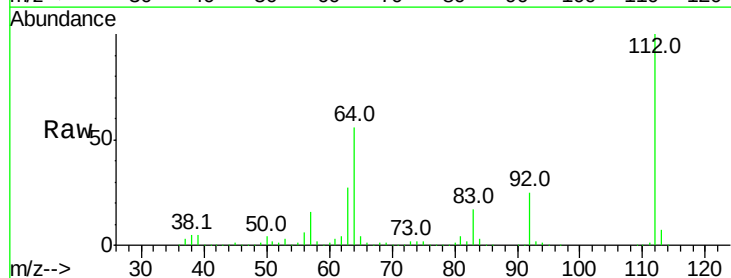
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



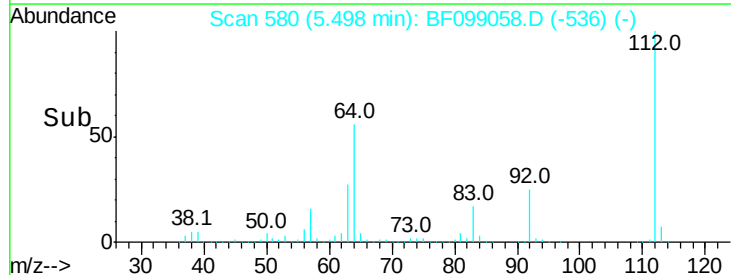
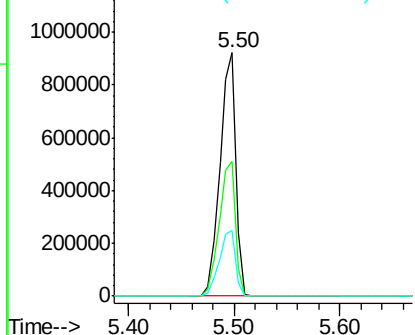
#5

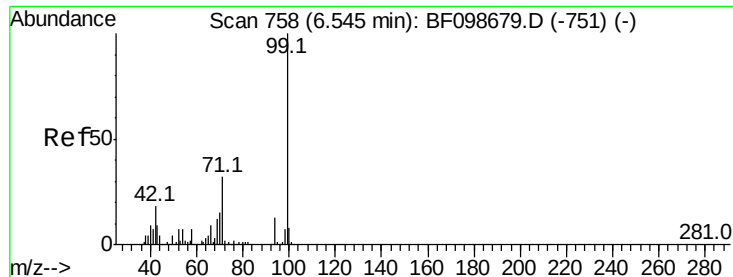
2-Fluorophenol
 Concen: 124.664 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.04 min
 Lab File: BF099058.D
 Acq: 4 Oct 2017 4:11

Tgt Ion:112 Resp: 972866
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.9 71.9
 63 27.0 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: 118.868 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF099058.D

Acq: 4 Oct 2017 4:11

Instrument :

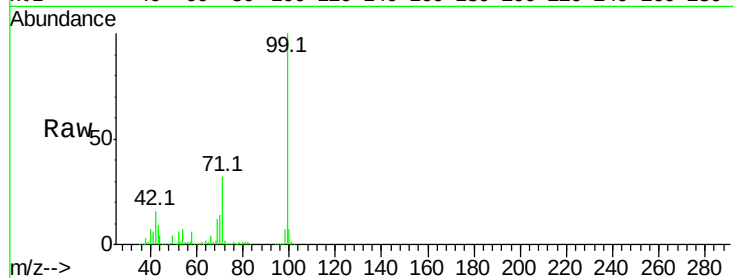
BNA_F

ClientSampleId :

SASP2P-EPE-T8(0-5)

Tot Ion: 99 Resp: 1144340

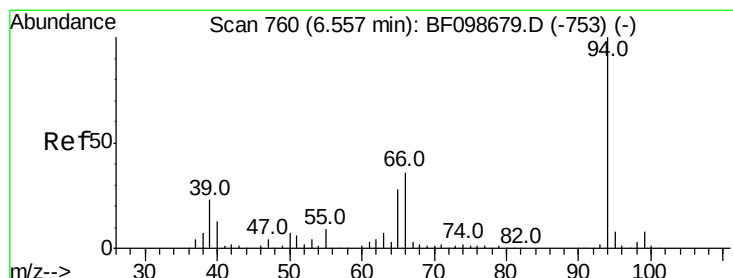
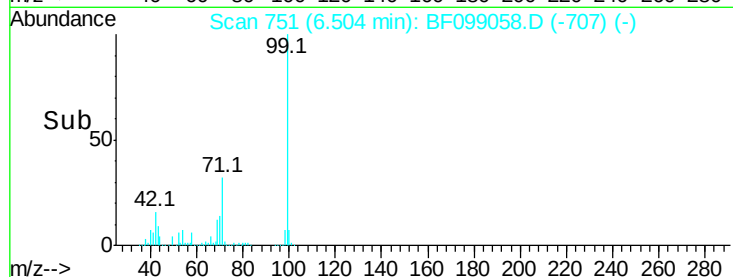
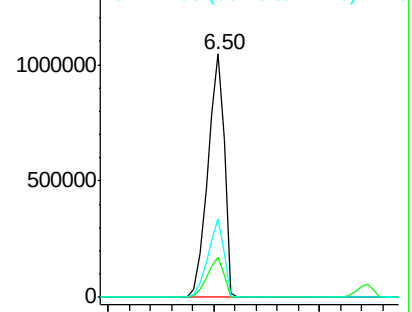
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	32.1	25.4	38.0



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: 2.710 ng

RT: 6.52 min Scan# 753

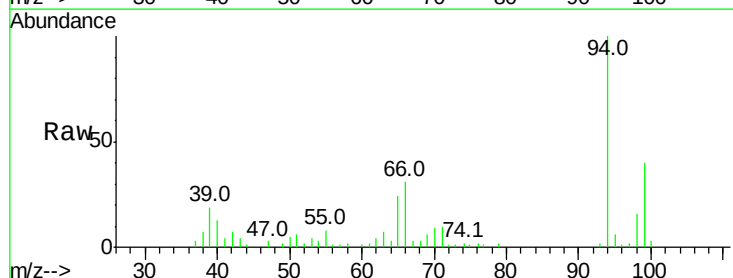
Delta R.T. -0.04 min

Lab File: BF099058.D

Acq: 4 Oct 2017 4:11

Tgt Ion: 94 Resp: 29180

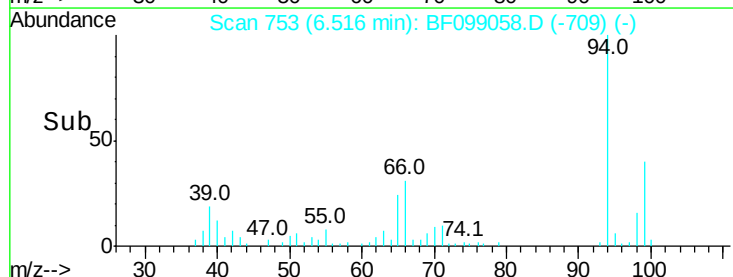
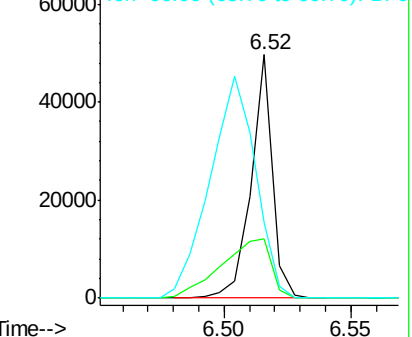
Ion	Ratio	Lower	Upper
94	100		
65	24.5	7.9	47.9
66	31.2	16.2	56.2

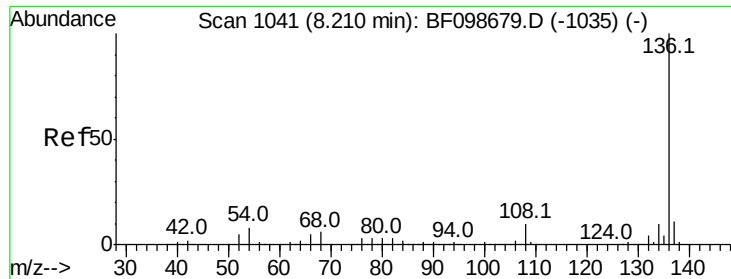


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

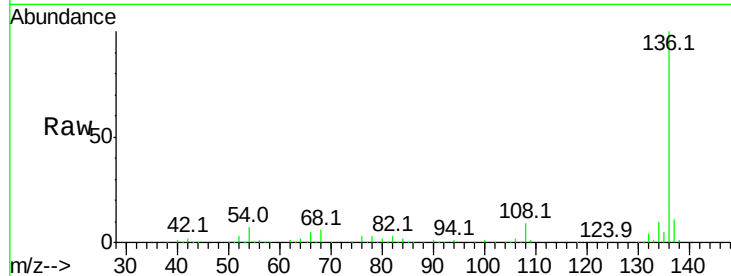




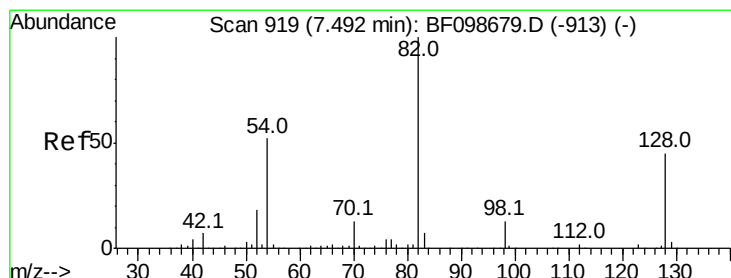
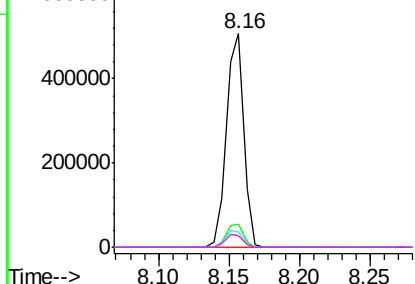
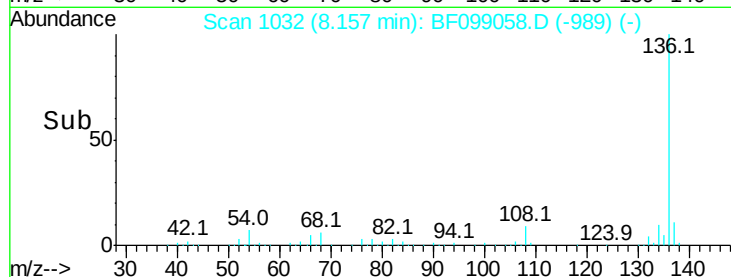
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099058.D
Acq: 4 Oct 2017 4:11

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-T8(0-5)

Tot Ion:	136	Resp:	431399
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	5.5	5.0	7.4

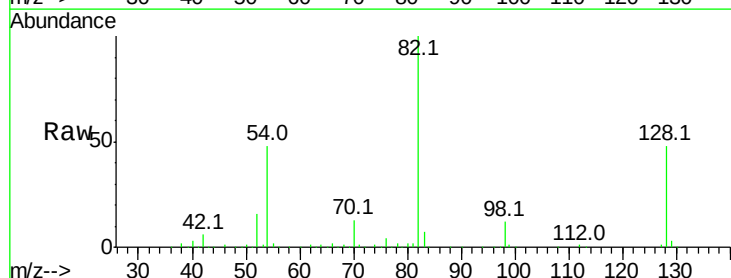


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

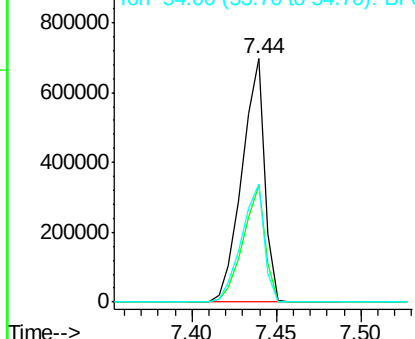
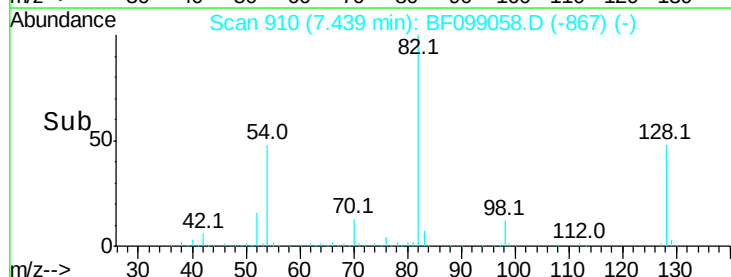


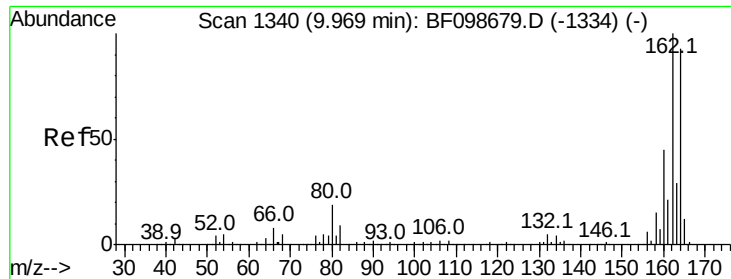
#23
Nitrobenzene-d5
Concen: 96.894 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.05 min
Lab File: BF099058.D
Acq: 4 Oct 2017 4:11

Tgt Ion:	82	Resp:	651799
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	48.5	41.4	62.2



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

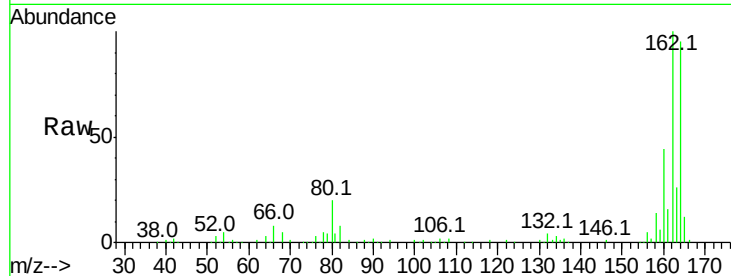




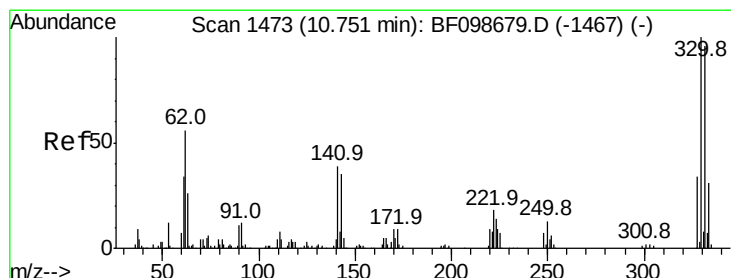
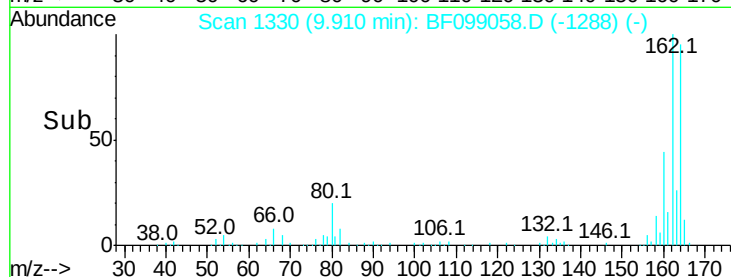
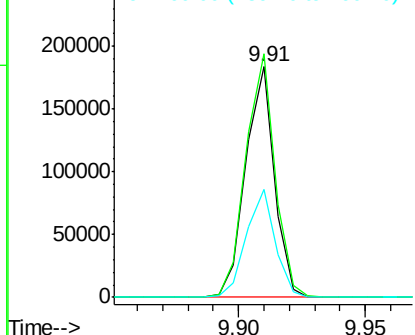
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099058.D
 Acq: 4 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-T8(0-5)

Tot Ion:164 Resp: 144443
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 46.7 38.3 57.5

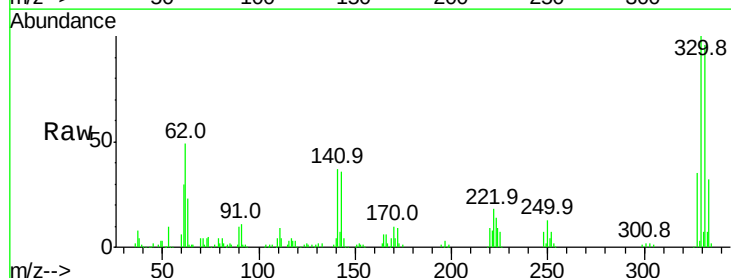


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

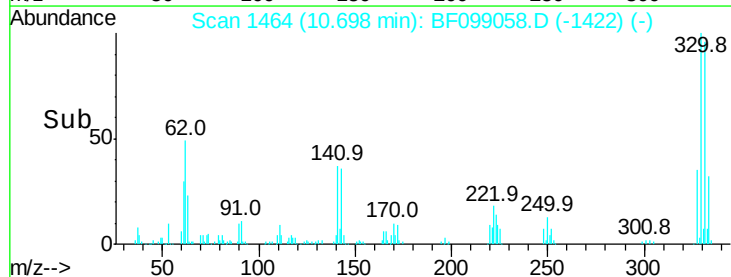
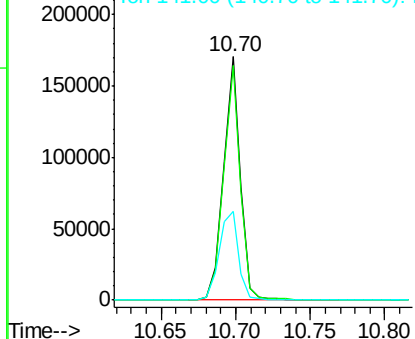


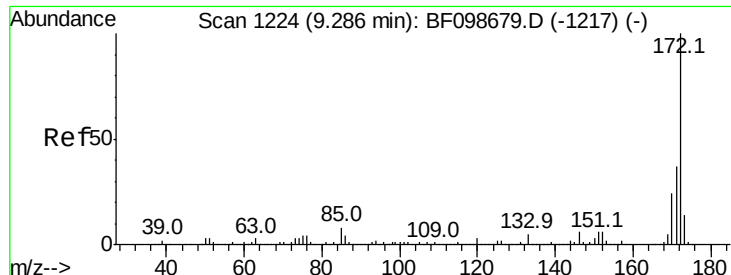
#41
 2,4,6-Tribromophenol
 Concen: 115.461 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099058.D
 Acq: 4 Oct 2017 4:11

Tgt Ion:330 Resp: 136467
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 41.7 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

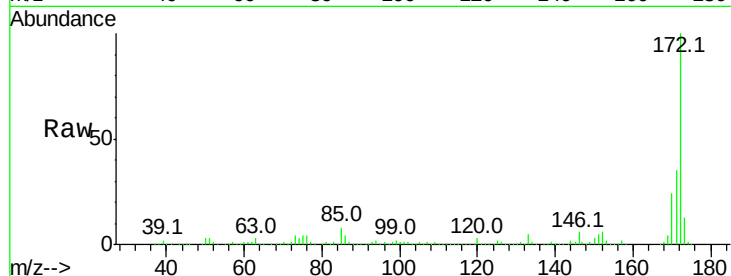




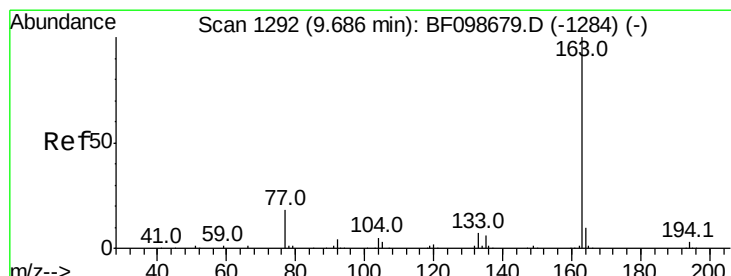
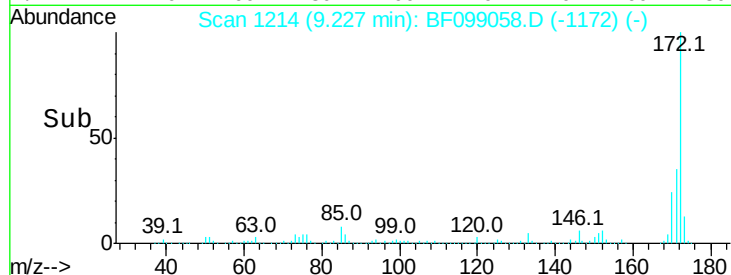
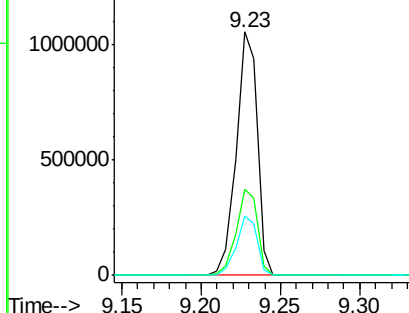
#44
2-Fluorobiphenyl
Concen: 111.990 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099058.D
Acq: 4 Oct 2017 4:11

Instrument :
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SASP2P-EPE-T8(0-5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.2	19.6	29.4

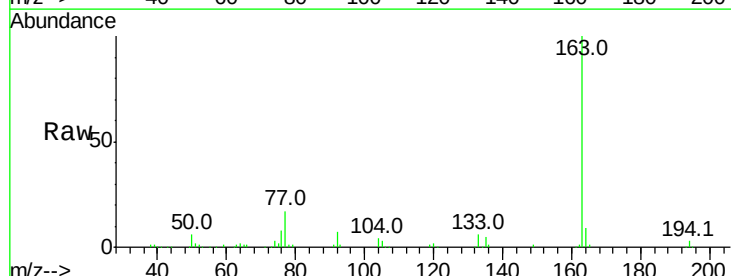


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

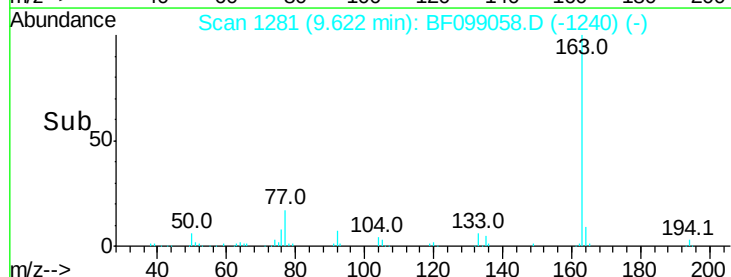
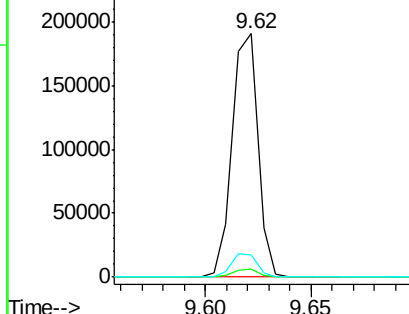


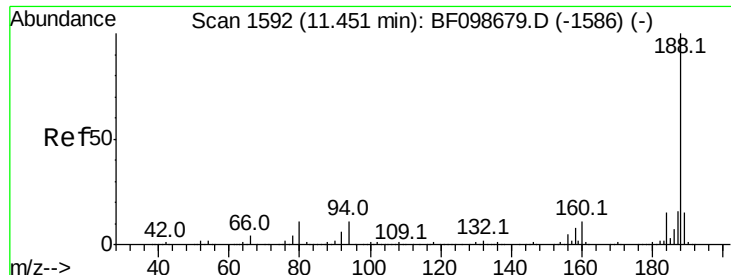
#49
Dimethylphthalate
Concen: 14.720 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.06 min
Lab File: BF099058.D
Acq: 4 Oct 2017 4:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.3	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: 11.39 min Scan# 1582

Delta R.T. -0.05 min

Lab File: BF099058.D

Acq: 4 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-T8(0-5)

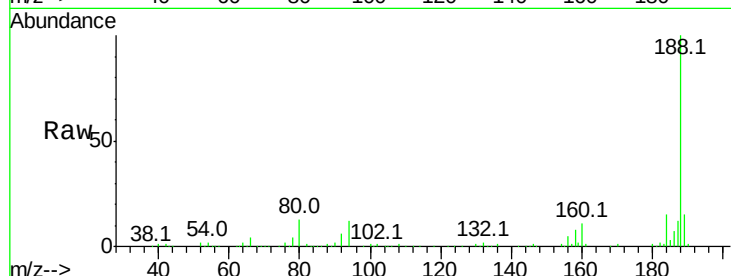
Tot Ion:188 Resp: 220088

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

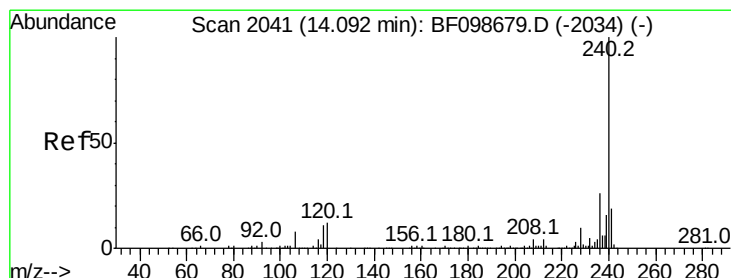
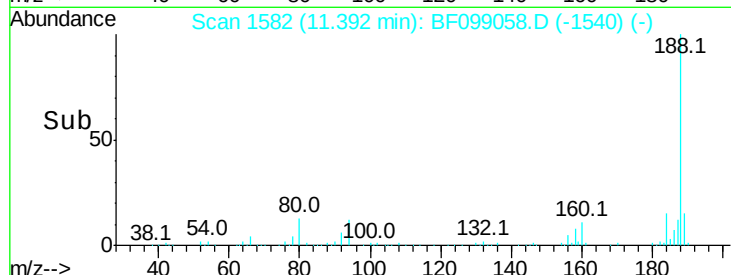
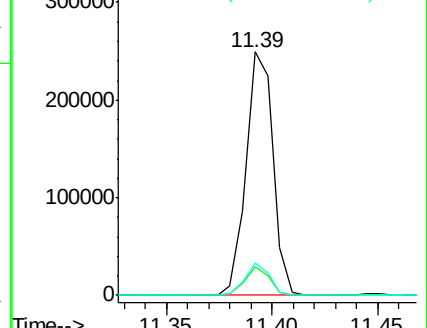
80 13.3 9.2 13.8



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: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099058.D

Acq: 4 Oct 2017 4:11

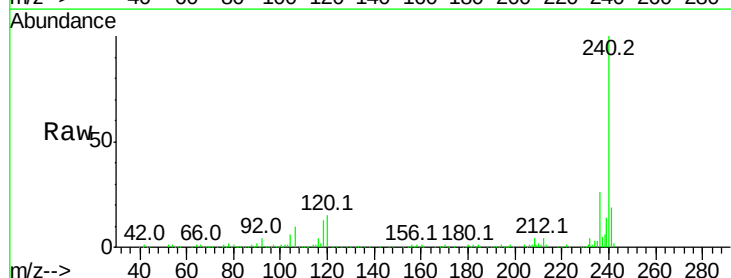
Tgt Ion:240 Resp: 247849

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

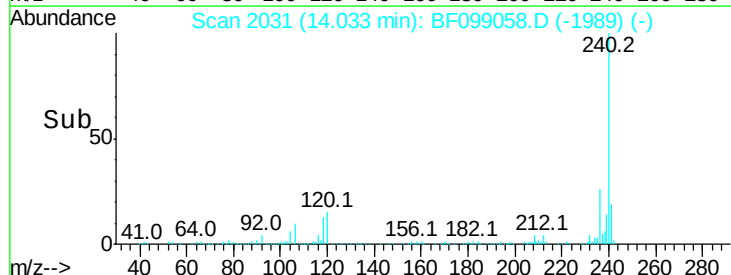
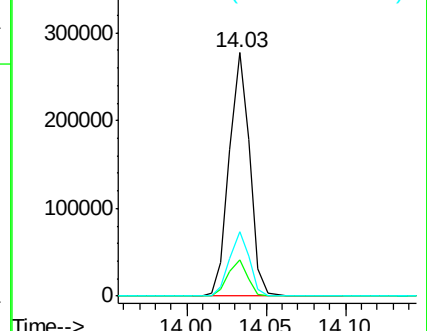
236 26.3 20.7 31.1

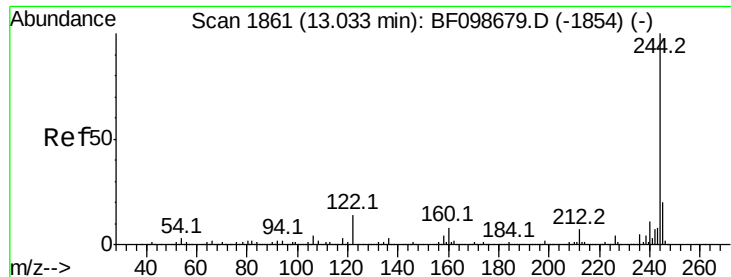


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.426 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099058.D

Acq: 4 Oct 2017 4:11

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-T8(0-5)

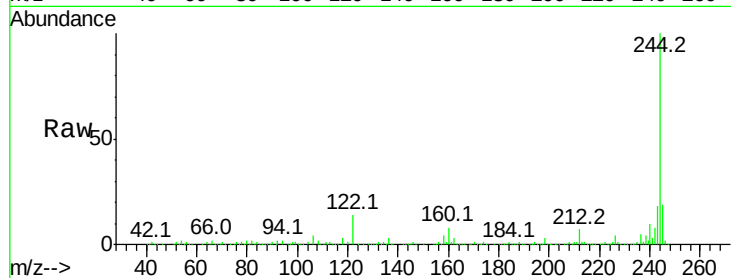
Tot Ion:244 Resp: 745727

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

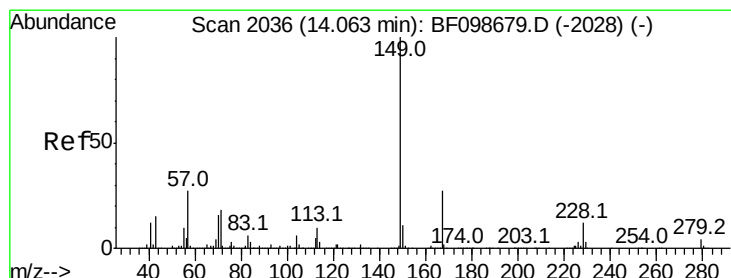
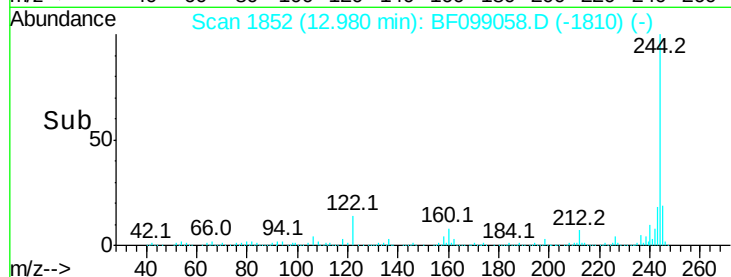
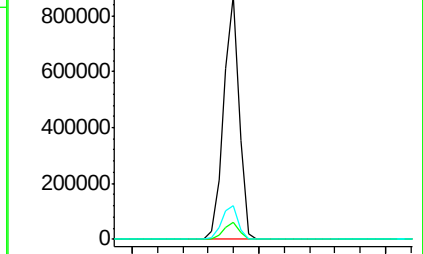
122 13.6 11.0 16.4



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: 2.964 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.05 min

Lab File: BF099058.D

Acq: 4 Oct 2017 4:11

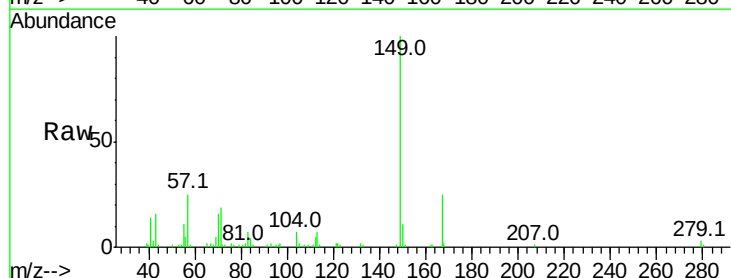
Tgt Ion:149 Resp: 36253

Ion Ratio Lower Upper

149 100

167 25.0 21.3 31.9

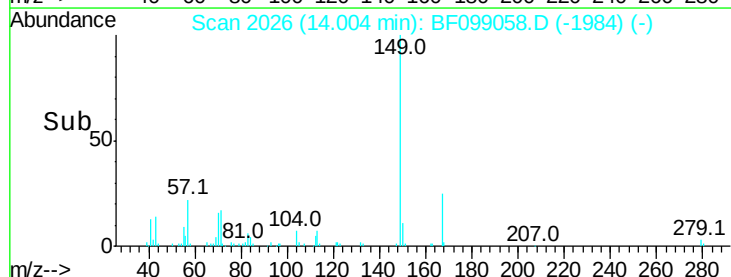
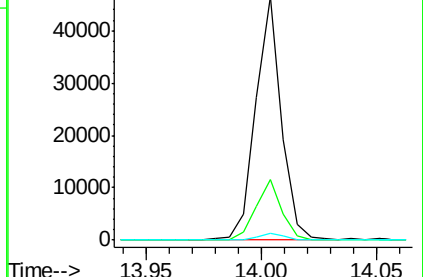
279 2.6 3.0 4.4#

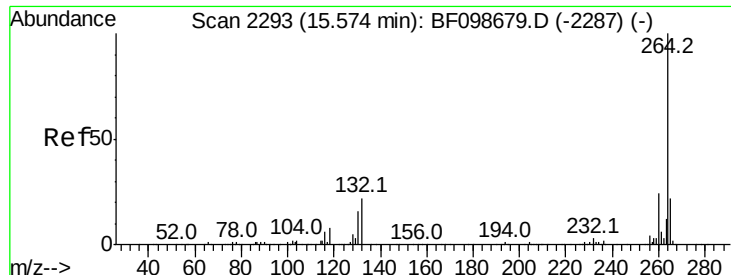


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

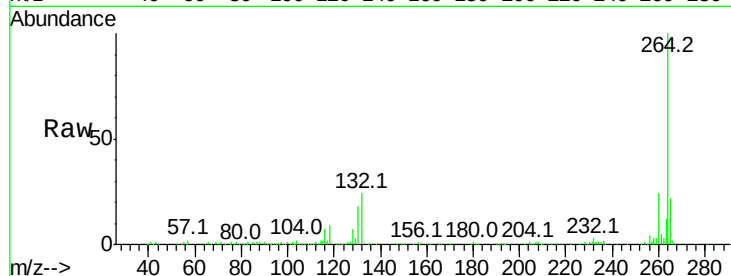




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF099058.D
 Acq: 4 Oct 2017 4:11

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-T8(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	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

