

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098887.D
 Acq On : 12 Mar 2019 7:48
 Operator : JU/SJ
 Sample : K1841-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB01-20190308

Quant Time: Mar 12 08:46:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

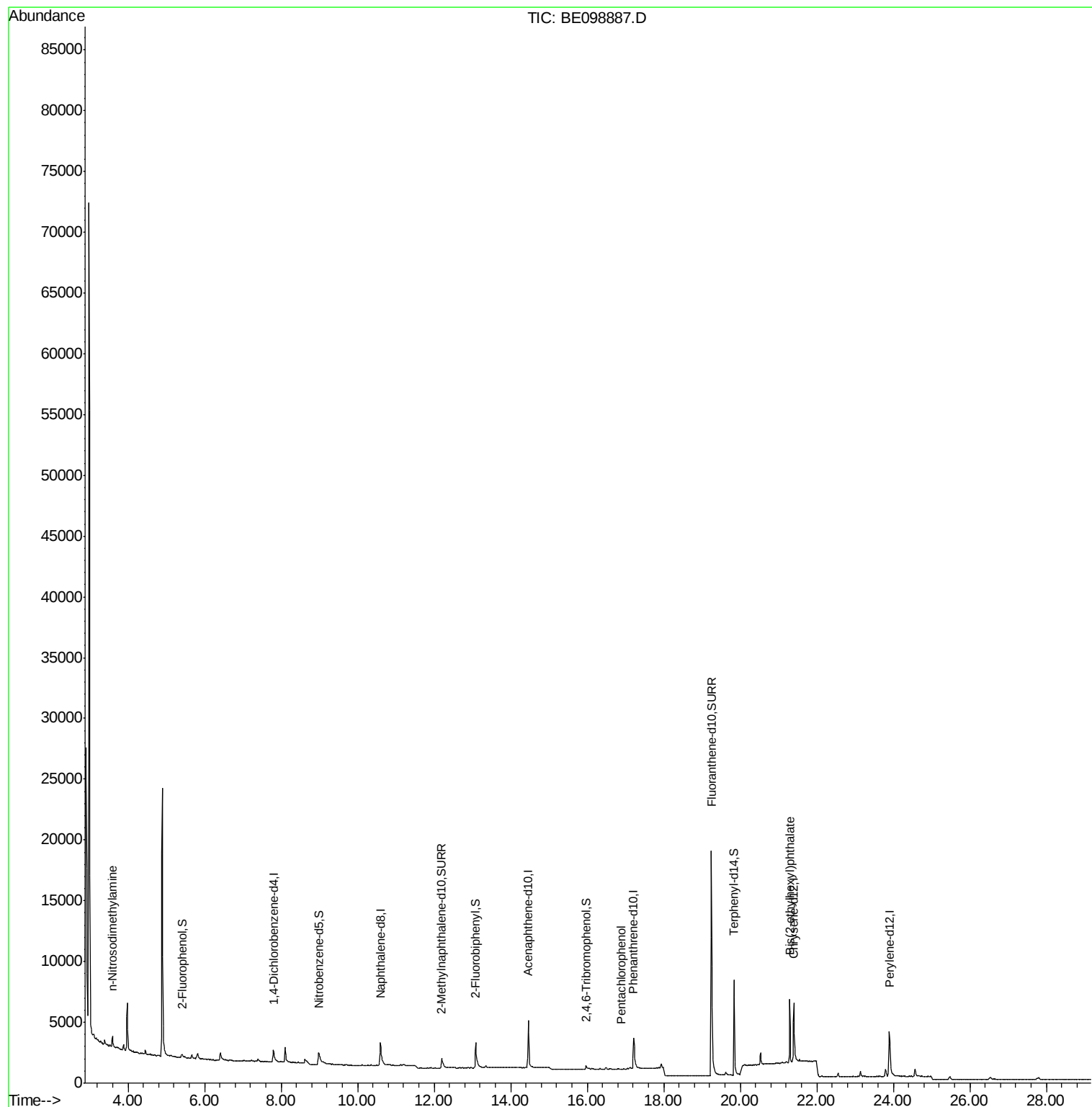
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	735	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3265	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2333	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5925	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7070	0.40	ng	0.00
34) Perylene-d12	23.90	264	6828	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	316	0.14	ng	0.02
5) Phenol-d6	6.96	99	10	0.00	ng	-0.02
8) Nitrobenzene-d5	8.98	82	1151	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2055	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	322	0.27	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	3587	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	32633	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	7926	0.46	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.59	42	131	0.071	ng	Qvalue # 17
22) Pentachlorophenol	16.88	266	6	0.269	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.29	149	6256	0.133	ng	# 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098887.D

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ClientSampleId :

EB01-20190308

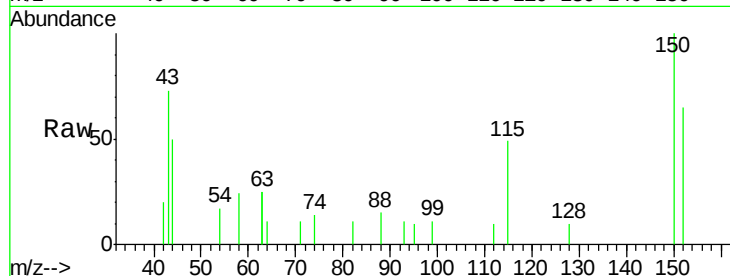
Tgt Ion:152 Resp: 735

Ion Ratio Lower Upper

152 100

150 154.1 122.5 183.7

115 75.8 57.4 86.2

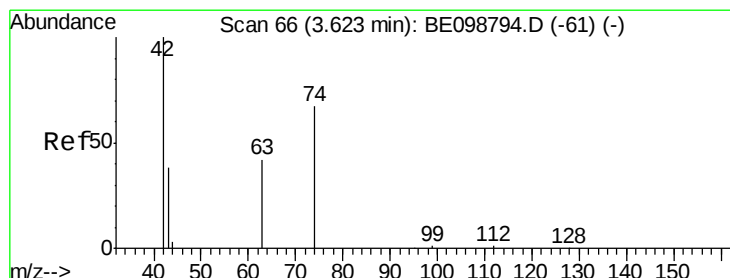
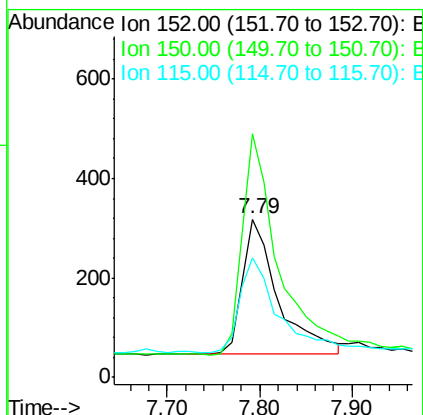
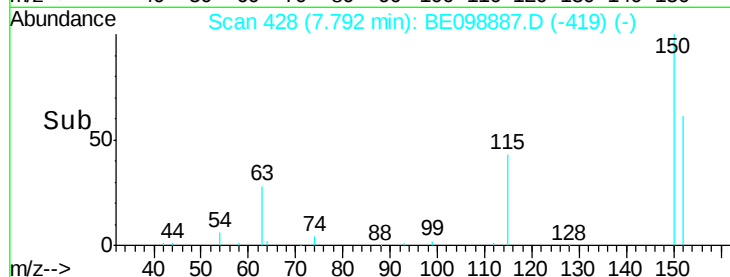


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#3

n-Nitrosodimethylamine

Concen: 0.071 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.03 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

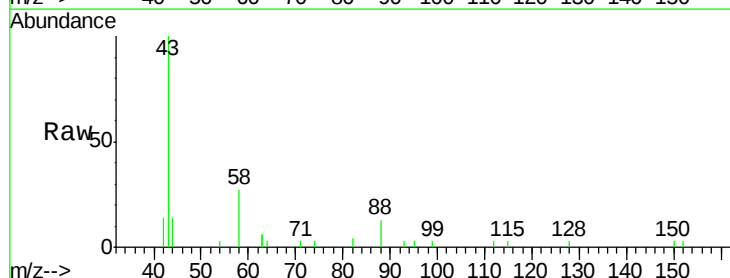
Tgt Ion: 42 Resp: 131

Ion Ratio Lower Upper

42 100

74 2.3 57.0 85.4#

44 55.7 0.0 0.0#

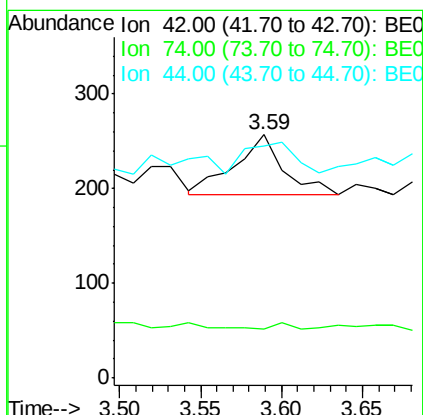
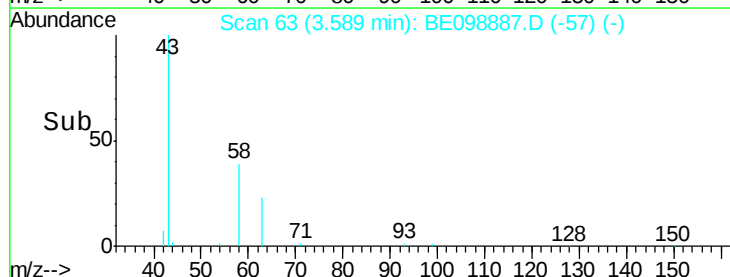


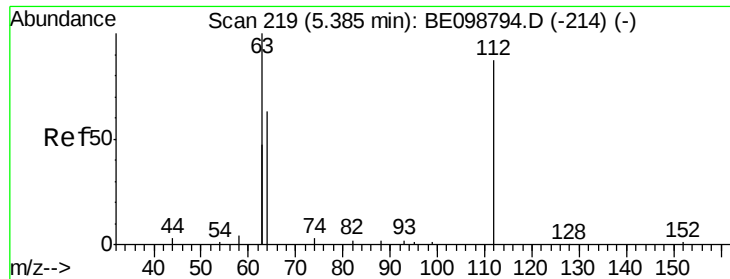
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

Instrument :

BNA_E

ClientSampleId :

EB01-20190308

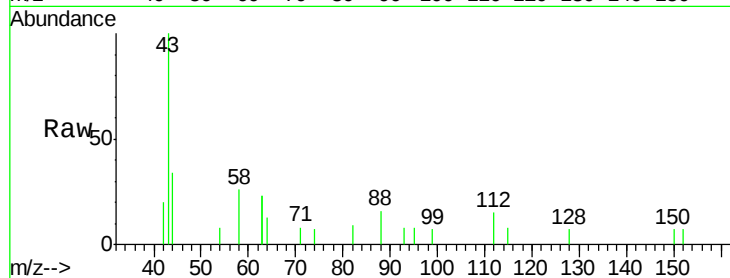
Tgt Ion: 112 Resp: 316

Ion Ratio Lower Upper

112 100

64 81.6 57.9 86.9

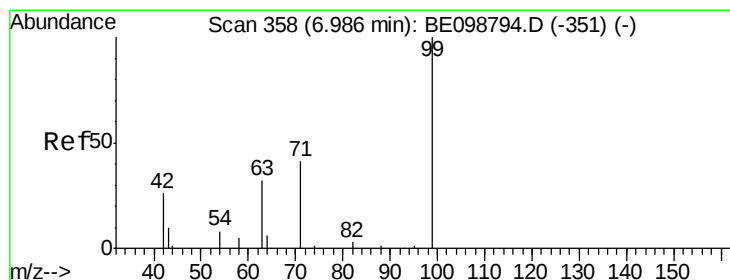
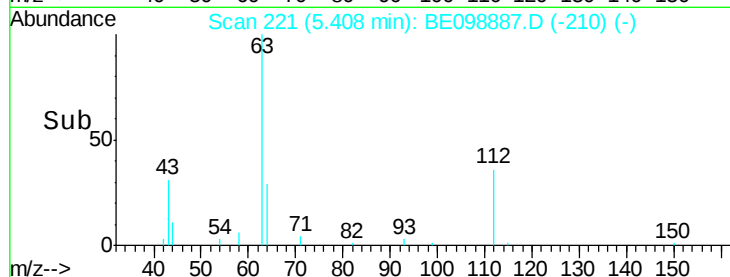
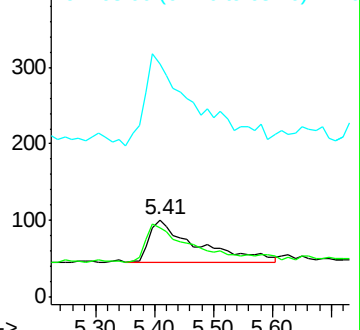
63 205.1 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.003 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

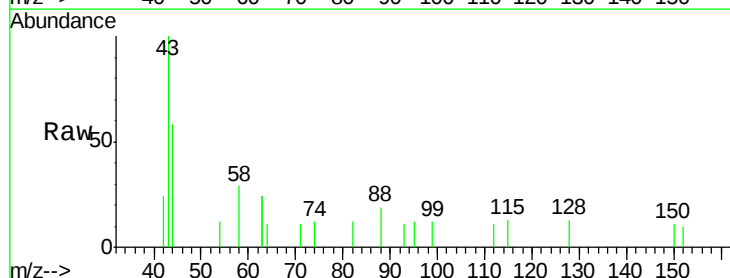
Tgt Ion: 99 Resp: 10

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

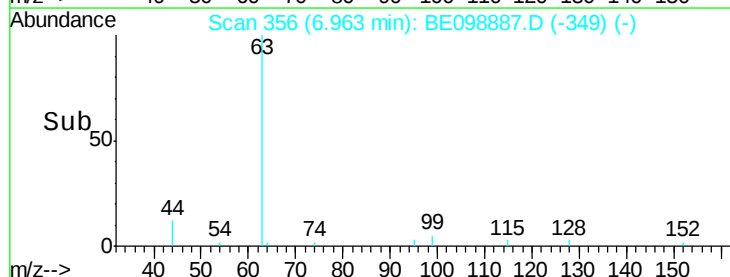
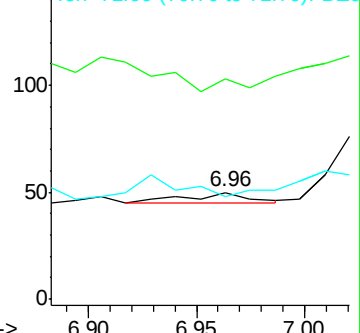
71 0.0 35.7 53.5#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

Instrument :

BNA_E

ClientSampleId :

EB01-20190308

Tgt Ion: 136 Resp: 3265

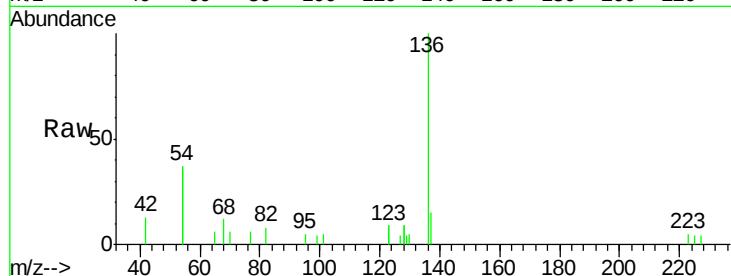
Ion Ratio Lower Upper

136 100

137 15.3 11.4 17.0

54 73.6 39.3 58.9#

68 12.1 6.7 10.1#

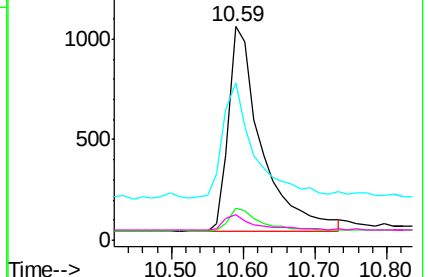
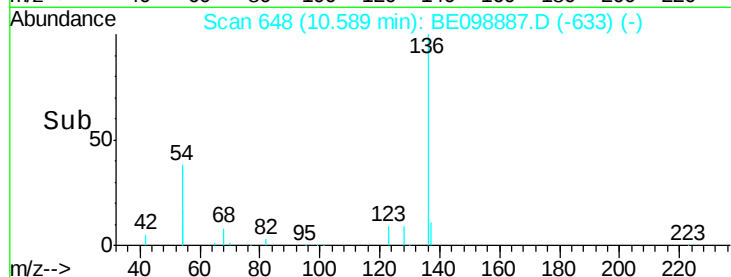


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.336 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

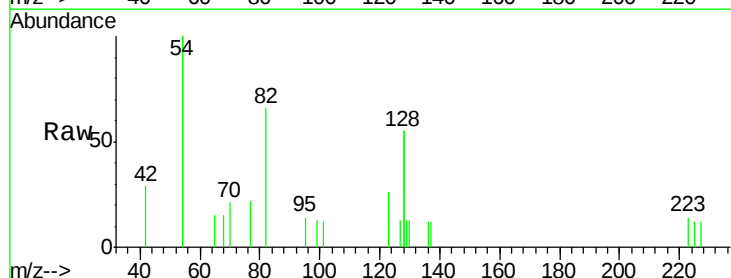
Tgt Ion: 82 Resp: 1151

Ion Ratio Lower Upper

82 100

128 167.2 123.8 185.8

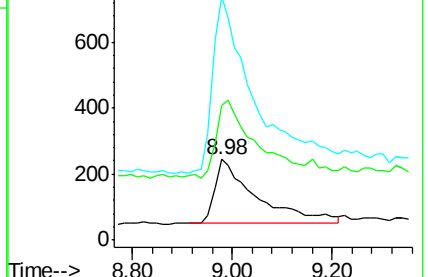
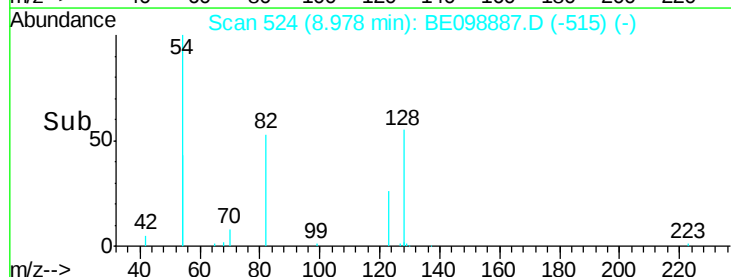
54 302.5 203.4 305.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

Instrument :

BNA_E

ClientSampleId :

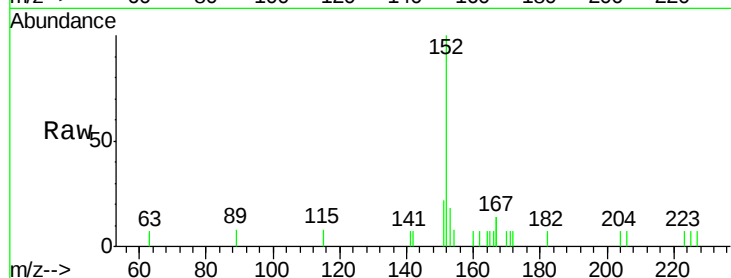
EB01-20190308

Tgt Ion:152 Resp: 2055

Ion Ratio Lower Upper

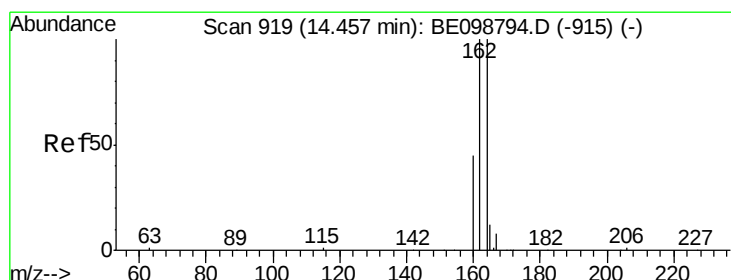
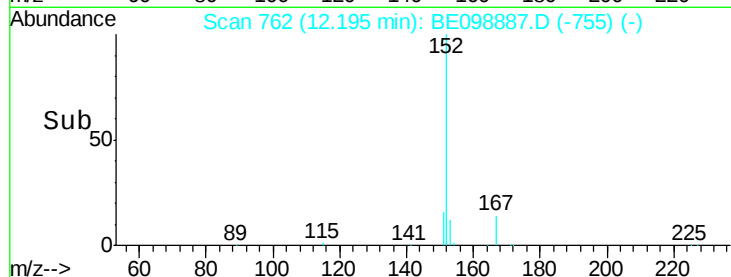
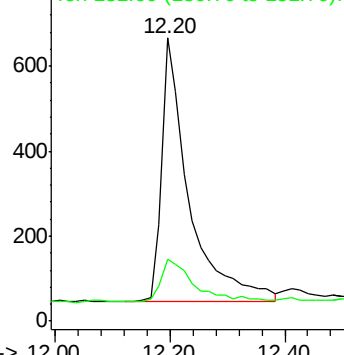
152 100

151 20.2 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

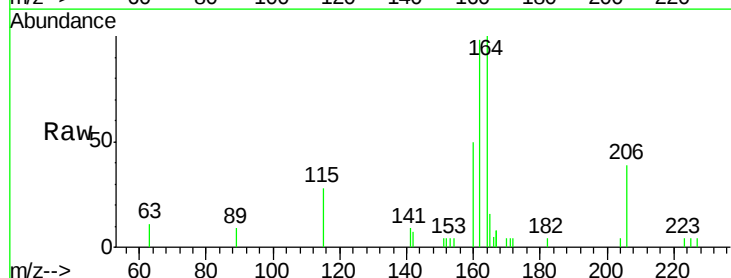
Tgt Ion:164 Resp: 2333

Ion Ratio Lower Upper

164 100

162 97.5 80.2 120.2

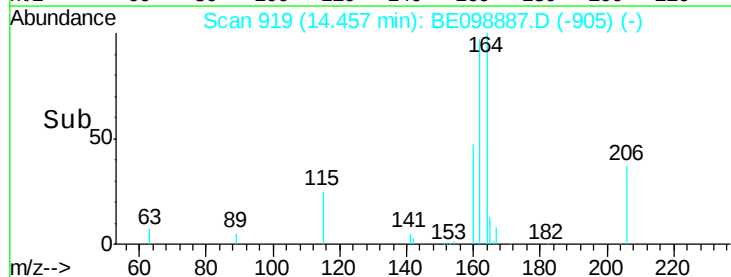
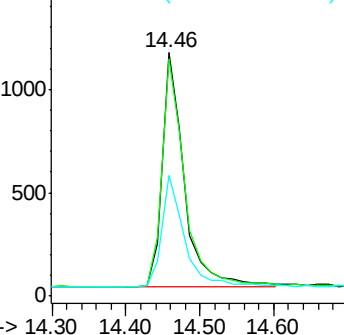
160 49.7 37.8 56.8



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

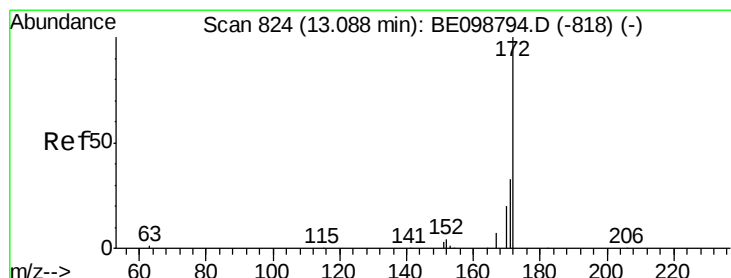
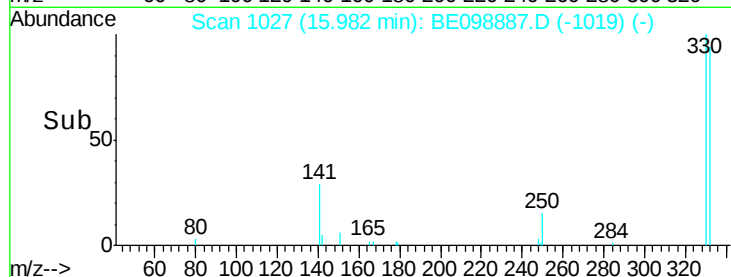
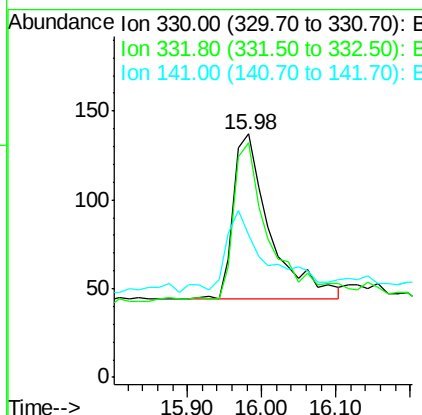
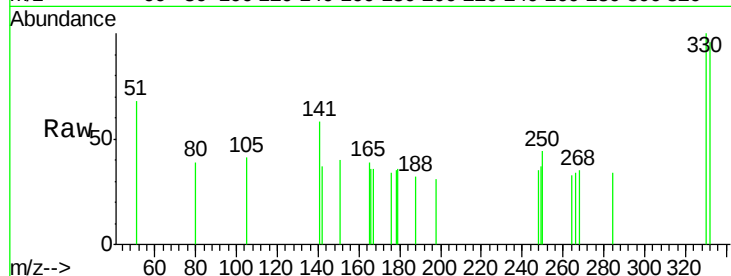




#14
 2,4,6-Tribromophenol
 Concen: 0.273 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE098887.D
 Acq: 12 Mar 2019 7:48

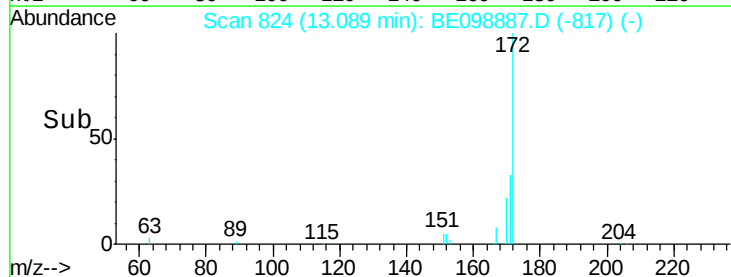
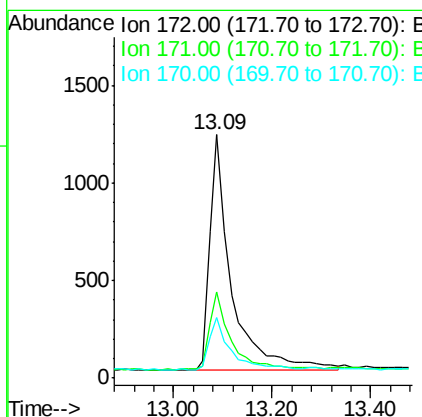
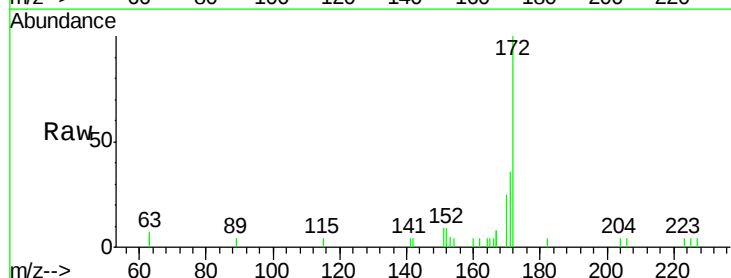
Instrument :
 BNA_E
 ClientSampleId :
 EB01-20190308

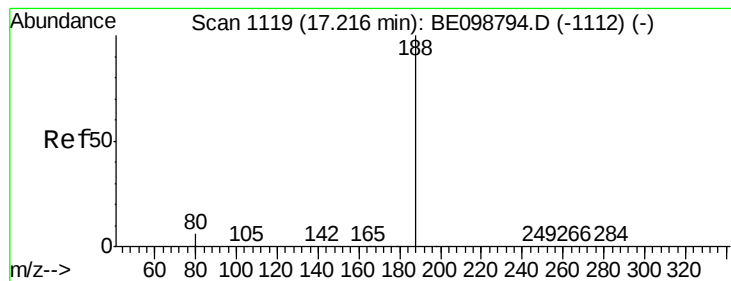
Tgt Ion: 330 Resp: 322
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.6 116.4
 141 42.2 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.371 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098887.D
 Acq: 12 Mar 2019 7:48

Tgt Ion: 172 Resp: 3587
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.0 42.0
 170 25.2 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

Instrument :

BNA_E

ClientSampleId :

EB01-20190308

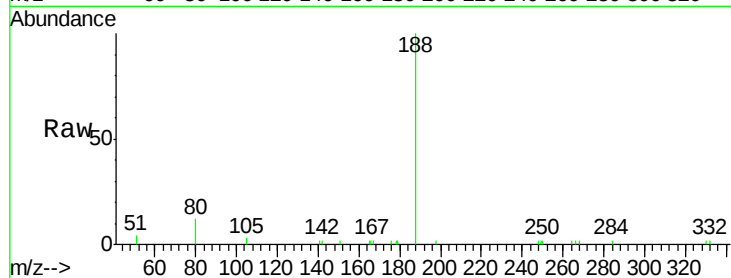
Tgt Ion:188 Resp: 5925

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

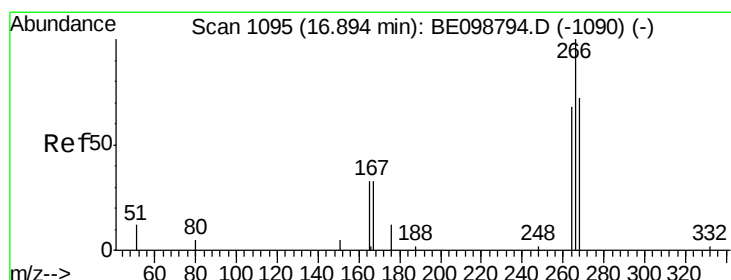
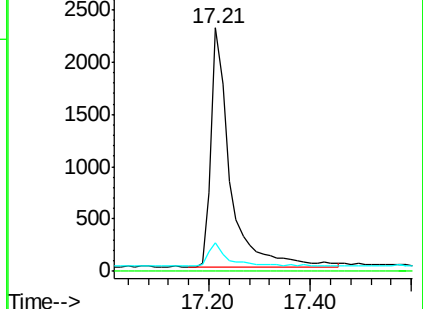
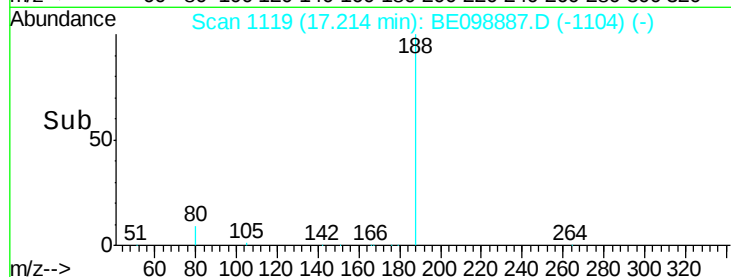
80 11.5 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.269 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

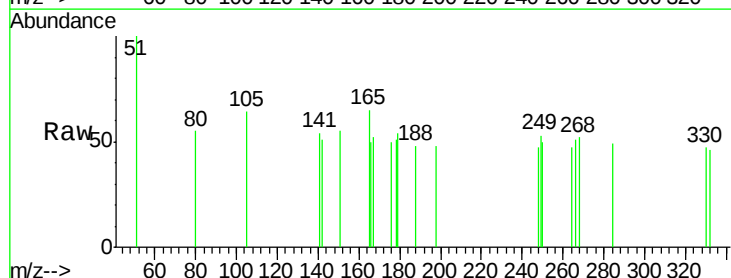
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 91.7 66.6 100.0

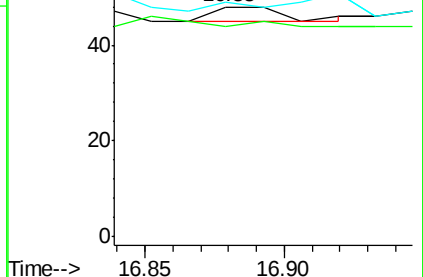
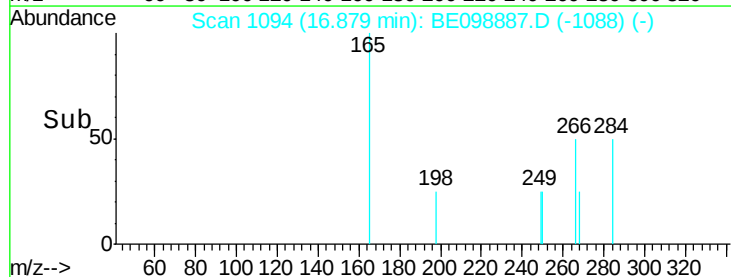
268 102.1 69.8 104.8



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

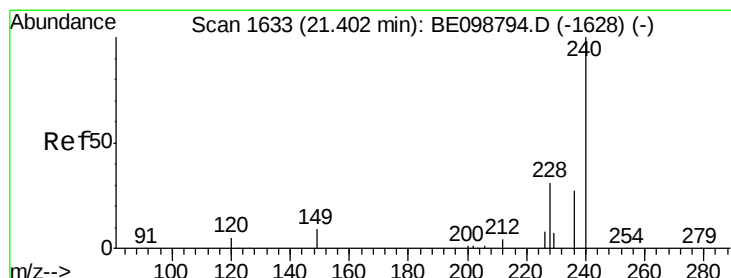
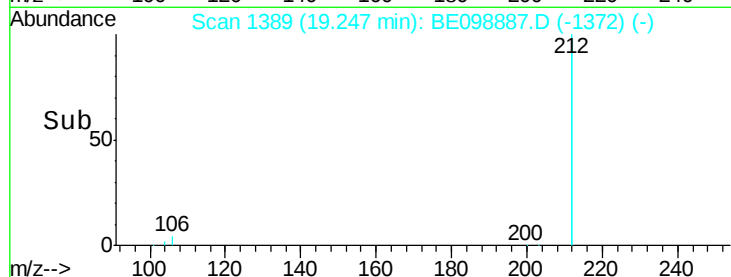
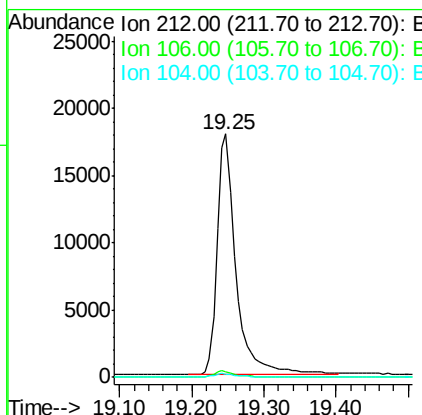
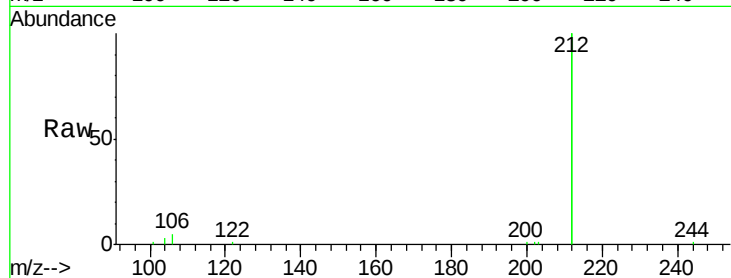




#25
 Fluoranthene-d10
 Concen: 0.345 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE098887.D
 Acq: 12 Mar 2019 7:48

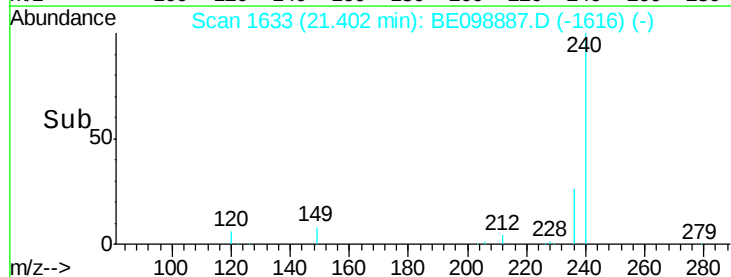
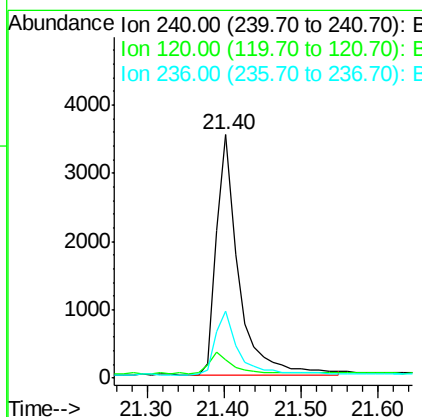
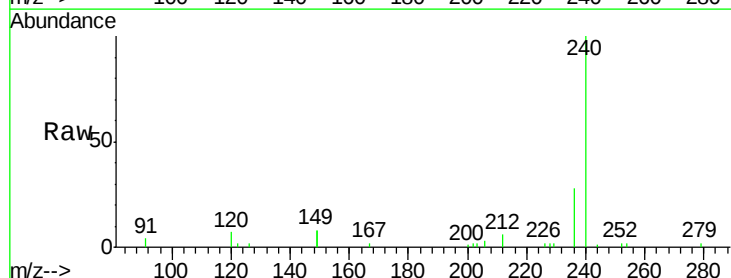
Instrument :
 BNA_E
 ClientSampleId :
 EB01-20190308

Tgt Ion: 212 Resp: 32633
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.8 2.8
 104 1.3 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098887.D
 Acq: 12 Mar 2019 7:48

Tgt Ion: 240 Resp: 7070
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.0 7.4
 236 27.5 22.7 34.1





#29

Terphenyl-d14

Concen: 0.461 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

Instrument :

BNA_E

ClientSampleId :

EB01-20190308

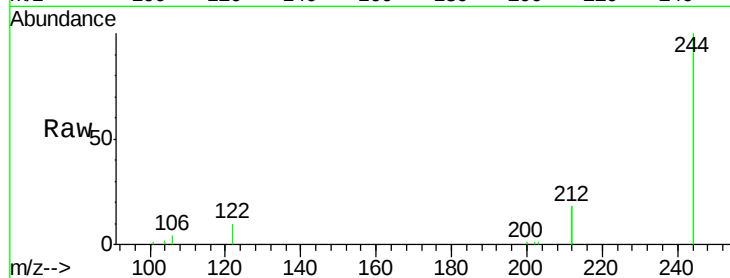
Tgt Ion:244 Resp: 7926

Ion Ratio Lower Upper

244 100

212 36.2 29.4 44.2

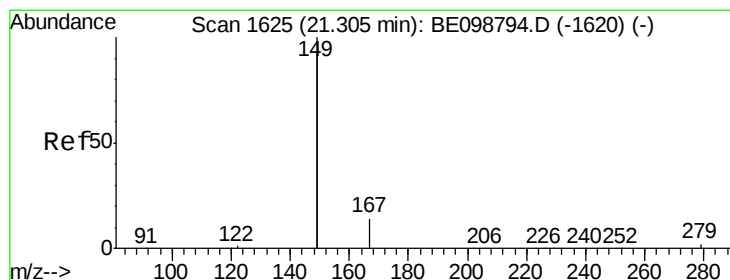
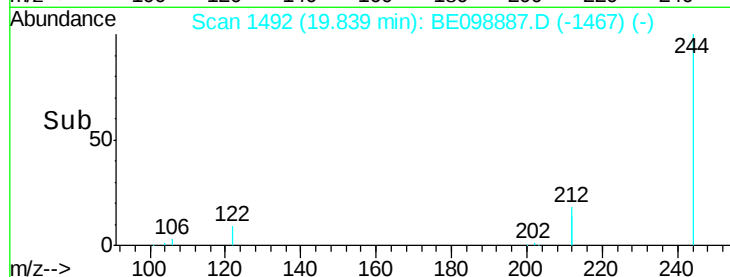
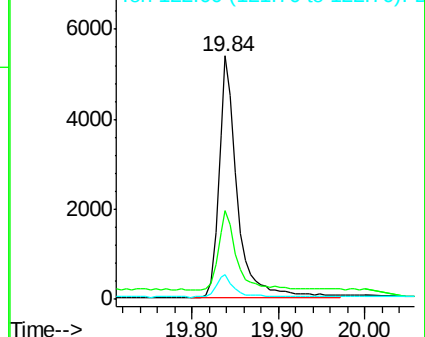
122 9.9 7.1 10.7



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.133 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098887.D

Acq: 12 Mar 2019 7:48

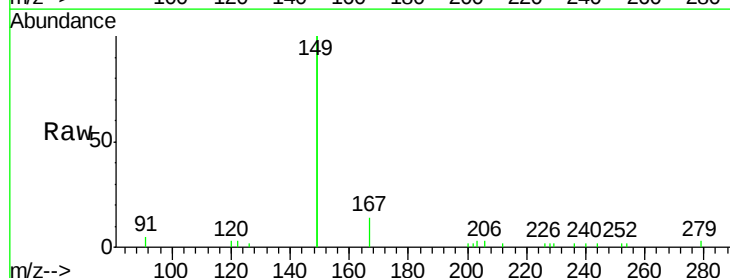
Tgt Ion:149 Resp: 6256

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

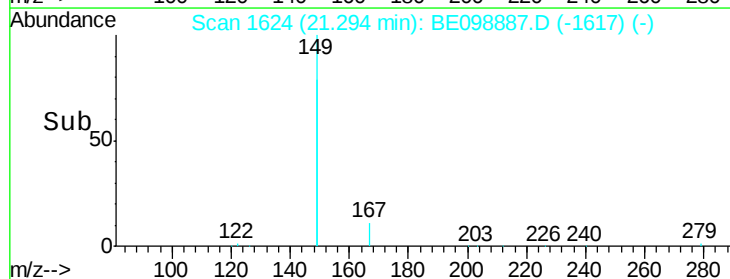
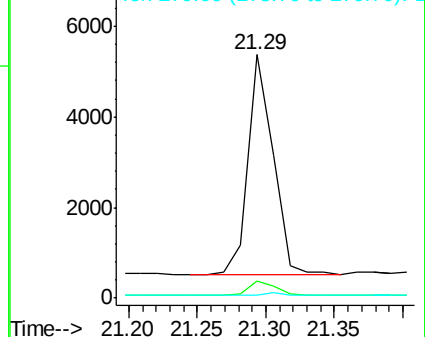
279 1.7 1.0 1.4#



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





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098887.D
Acq: 12 Mar 2019 7:48

Instrument :
BNA_E
ClientSampleId :
EB01-20190308

Tgt Ion: 264 Resp: 6828
Ion Ratio Lower Upper
264 100
260 26.4 21.2 31.8
265 26.9 24.6 36.8

