

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098659.D
 Acq On : 17 Jan 2019 22:43
 Operator : SJ/JU
 Sample : K1176-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP

Quant Time: Jan 18 01:57:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

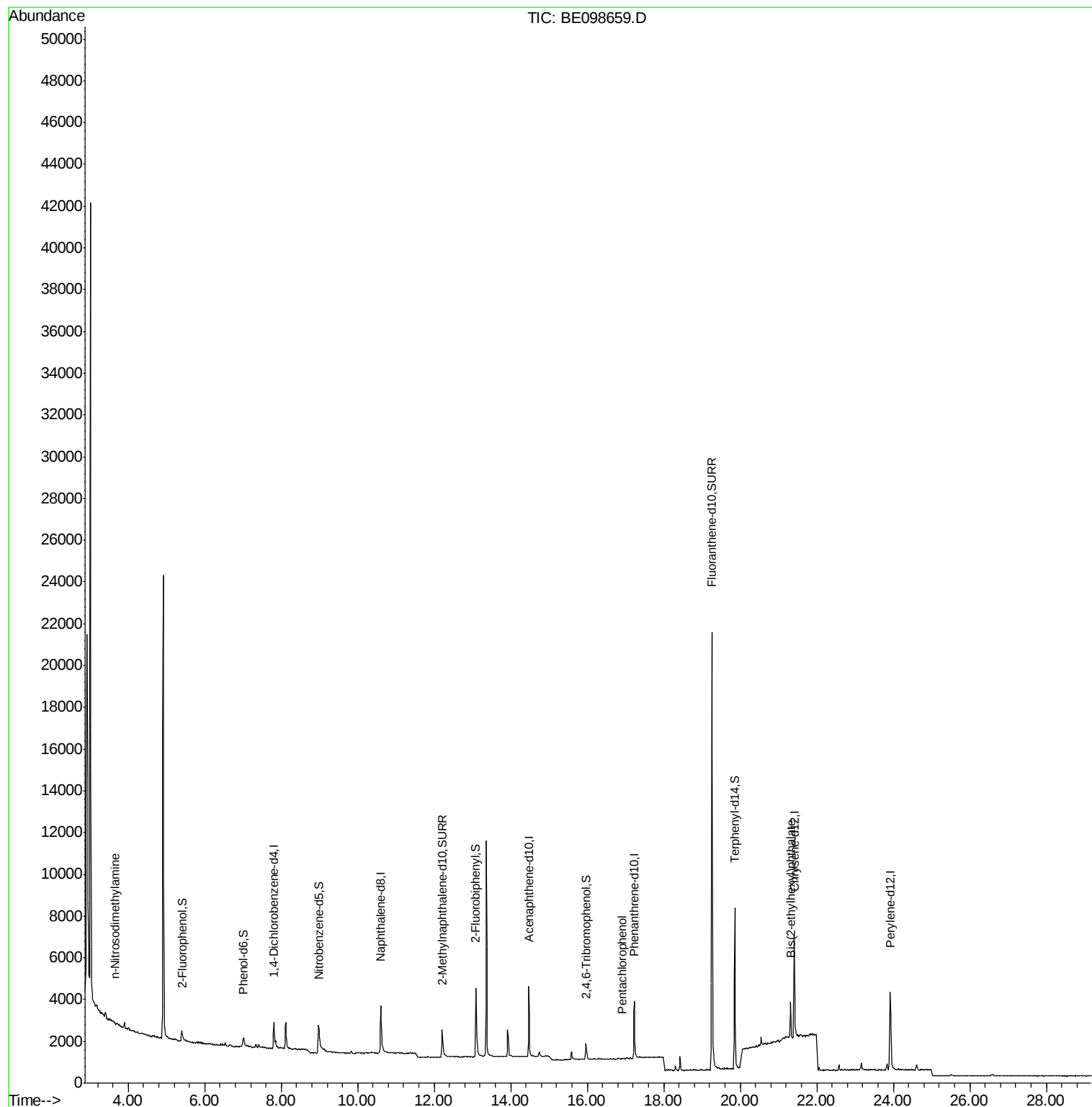
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	751	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3176	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2171	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5267	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6342	0.40	ng	0.00
34) Perylene-d12	23.92	264	6155	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	379	0.19	ng	0.01
5) Phenol-d6	7.00	99	318	0.11	ng	0.00
8) Nitrobenzene-d5	8.98	82	1123	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2256	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	529	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4393	0.49	ng	0.00
25) Fluoranthene-d10	19.26	212	30639	0.47	ng	0.00
29) Terphenyl-d14	19.86	244	7459	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.35	88	59	Below Cal	Qvalue #	11
3) n-Nitrosodimethylamine	3.66	42	28	0.145 ng	#	13
22) Pentachlorophenol	16.92	266	13	0.213 ng	#	67
32) Bis(2-ethylhexyl)phthalate	21.32	149	2415	0.067 ng	#	100

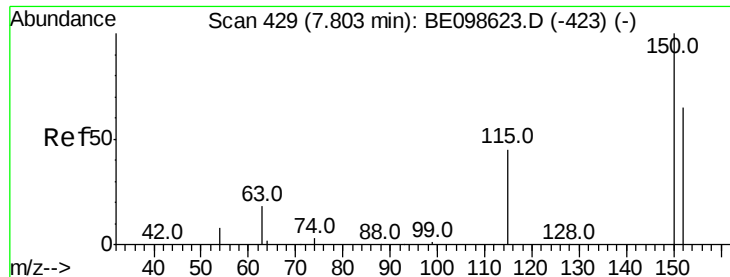
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

Instrument :

BNA_E

ClientSampleId :

DUP

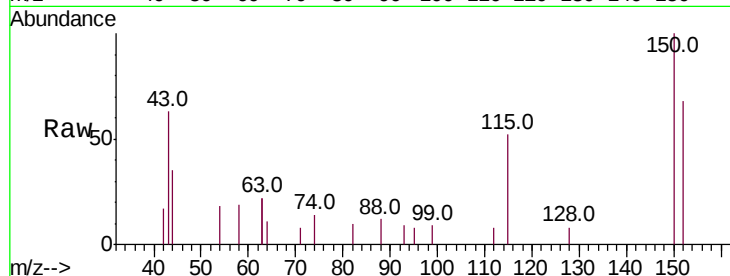
Tot Ion:152 Resp: 751

Ion Ratio Lower Upper

152 100

150 147.3 121.4 182.2

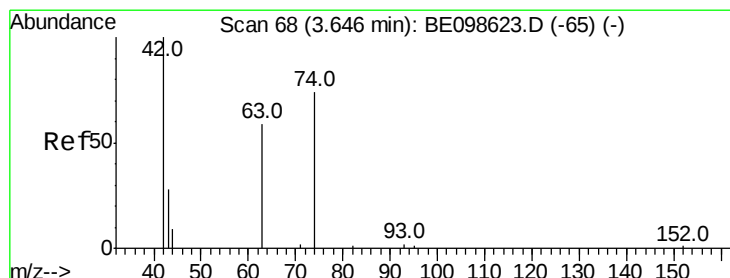
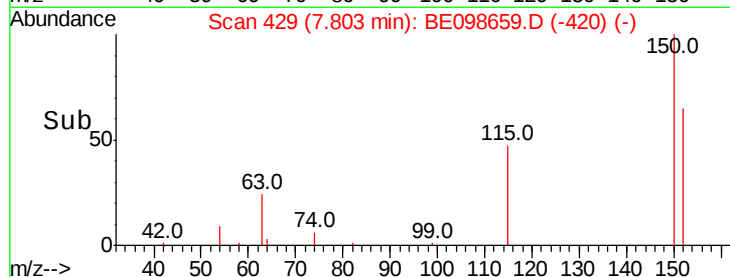
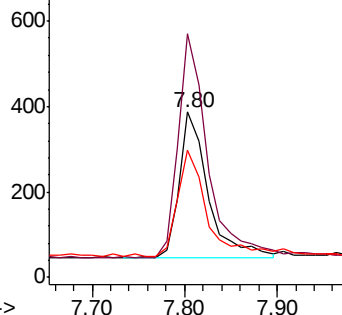
115 77.0 59.1 88.7



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



#3

n-Nitrosodimethylamine

Concen: 0.145 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.01 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

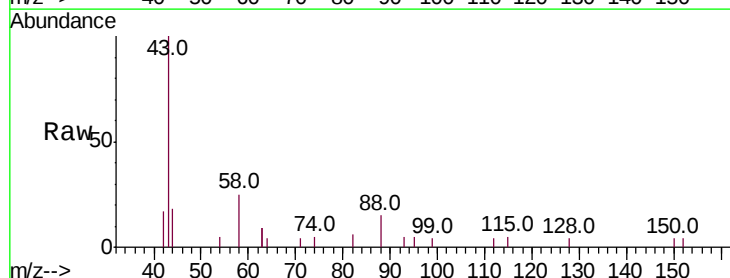
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

42 100

74 0.0 58.9 88.3#

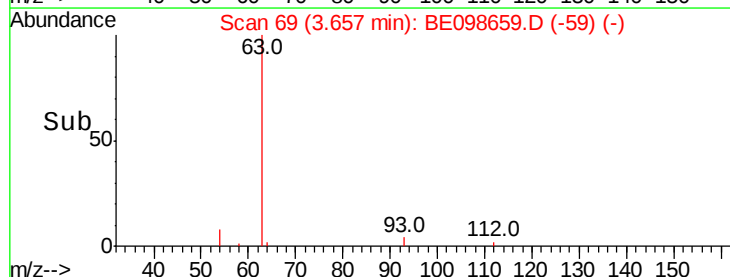
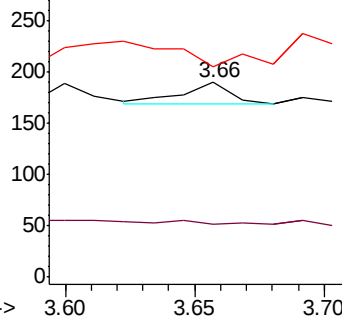
44 0.0 0.0 0.0

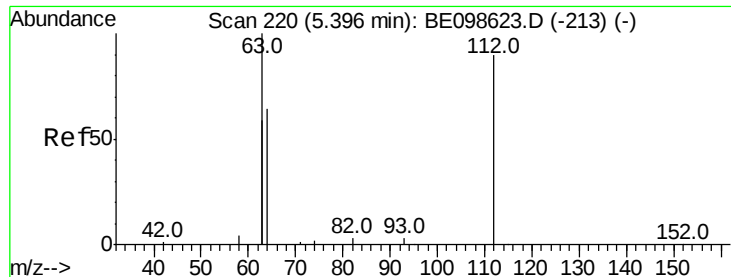


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.189 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

Instrument :

BNA_E

ClientSampleId :

DUP

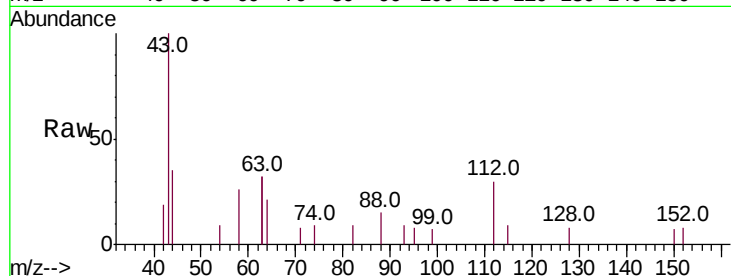
Tot Ion:112 Resp: 379

Ion Ratio Lower Upper

112 100

64 81.3 62.9 94.3

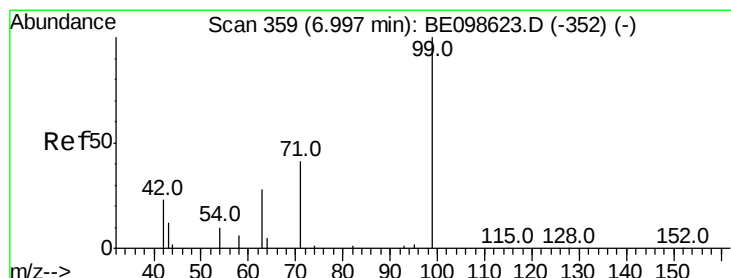
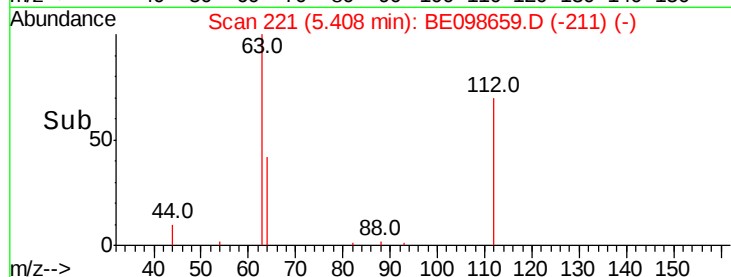
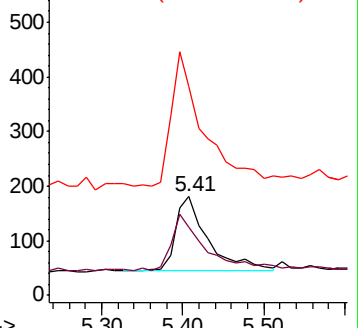
63 186.3 152.2 228.4



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: 0.111 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

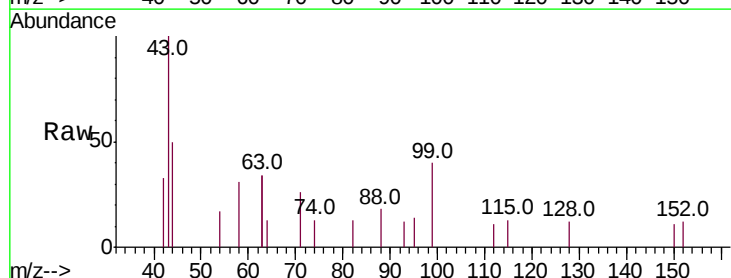
Tgt Ion: 99 Resp: 318

Ion Ratio Lower Upper

99 100

42 50.6 24.6 37.0#

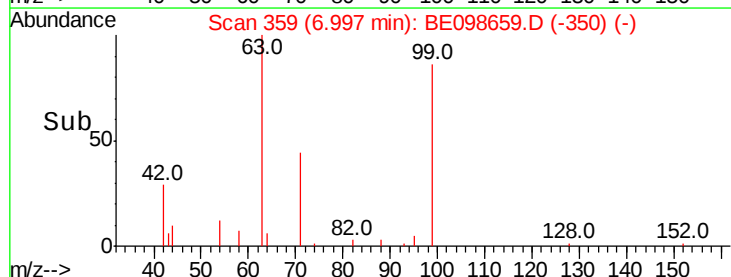
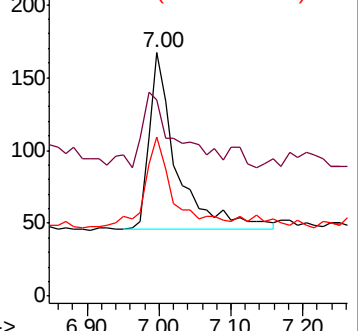
71 50.3 35.1 52.7

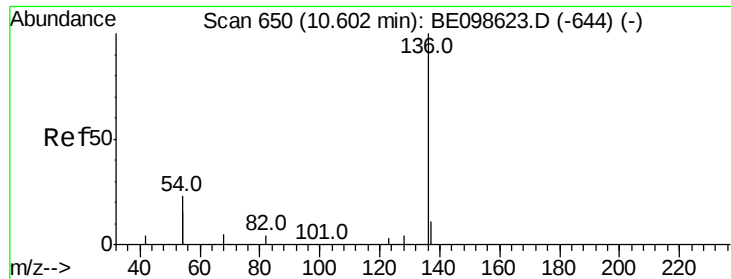


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

Instrument :

BNA_E

ClientSampleId :

DUP

Tot Ion:136 Resp: 3176

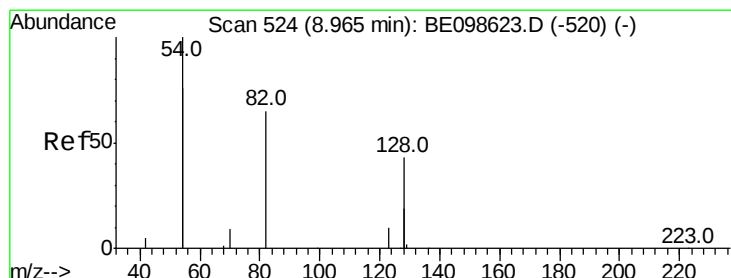
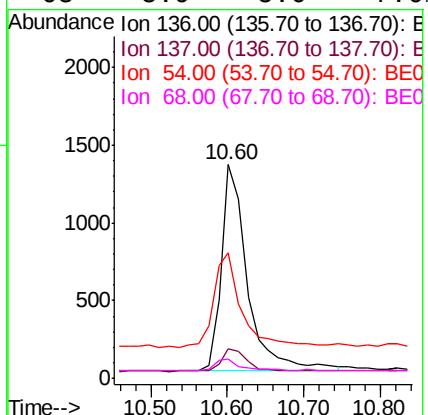
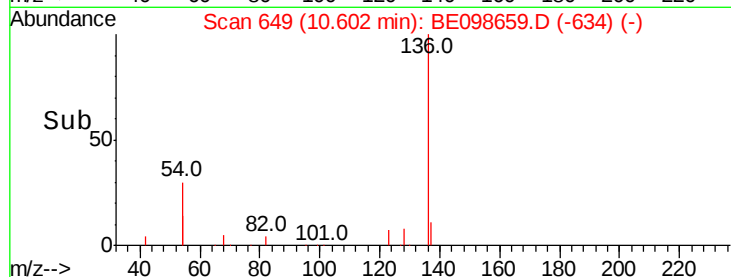
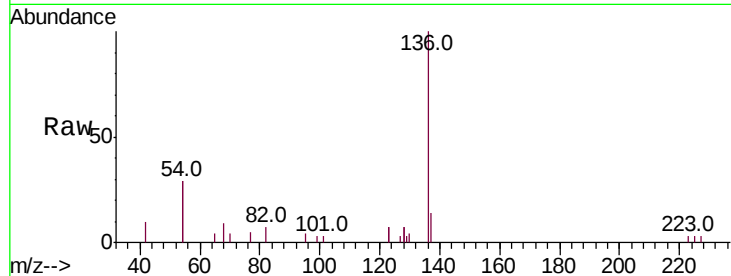
Ion Ratio Lower Upper

136 100

137 13.9 9.7 14.5

54 58.5 35.5 53.3#

68 8.9 5.0 7.6#



#8

Nitrobenzene-d5

Concen: 0.446 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

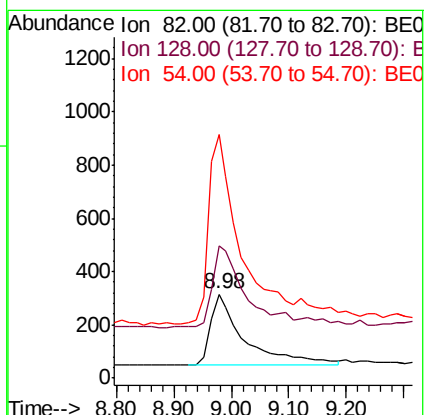
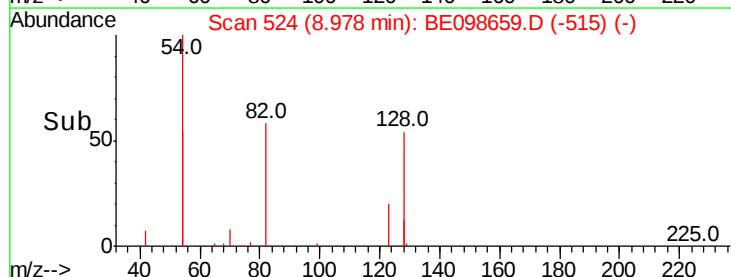
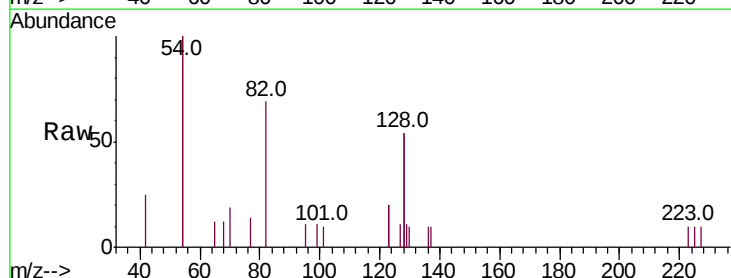
Tgt Ion: 82 Resp: 1123

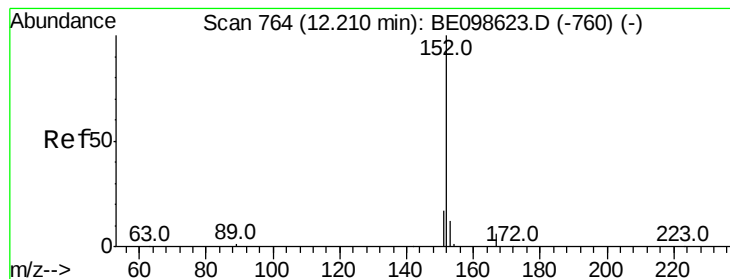
Ion Ratio Lower Upper

82 100

128 157.6 96.5 144.7#

54 289.2 224.7 337.1





#11

2-Methylnaphthalene-d10

Concen: 0.432 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

Instrument :

BNA_E

ClientSampleId :

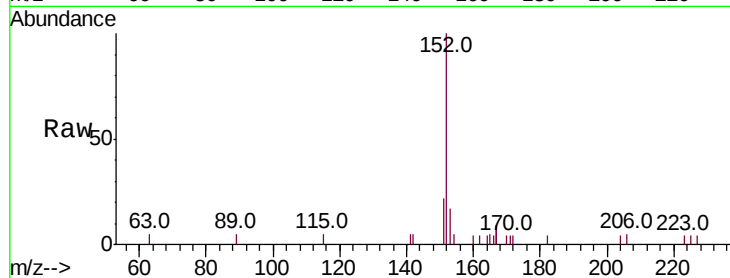
DUP

Tot Ion:152 Resp: 2256

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1200

1000

800

600

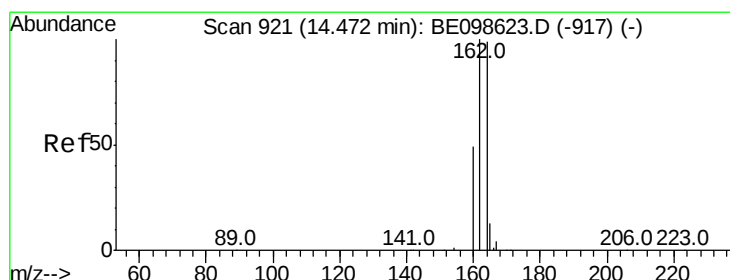
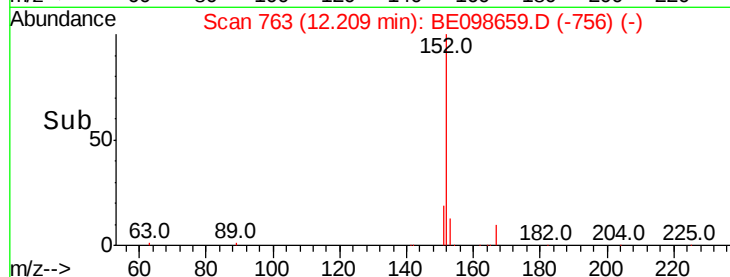
400

200

0

12.20 12.21 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

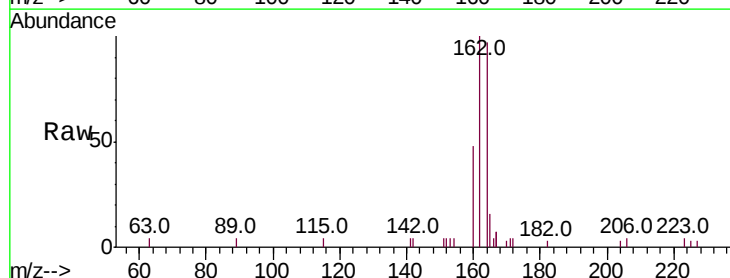
Tgt Ion:164 Resp: 2171

Ion Ratio Lower Upper

164 100

162 103.2 80.5 120.7

160 49.2 40.1 60.1



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

1500

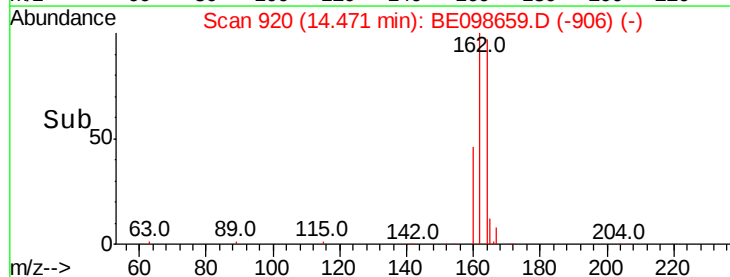
1000

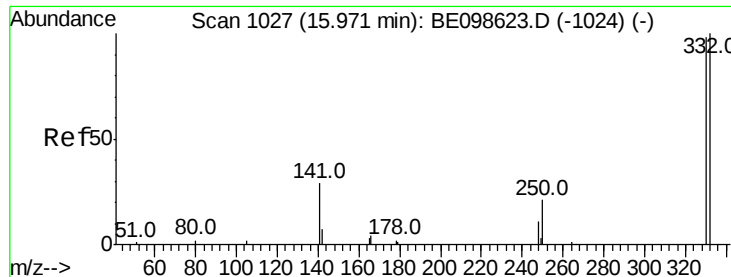
500

0

14.30 14.40 14.47 14.50 14.60

Time-->

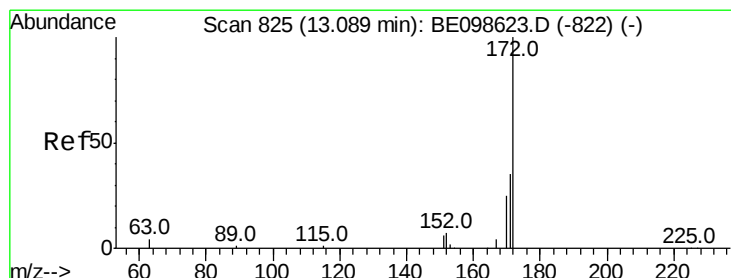
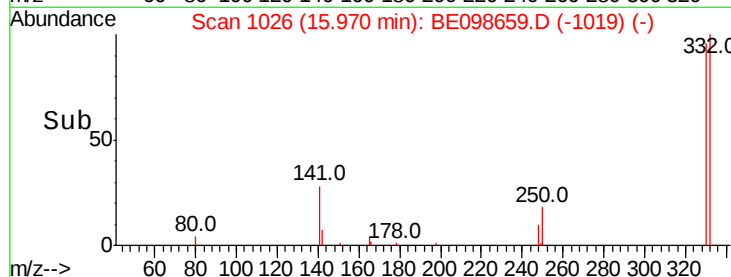
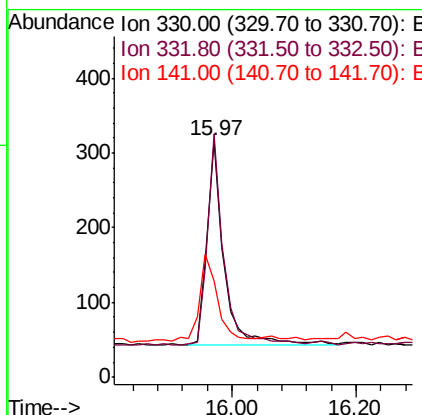
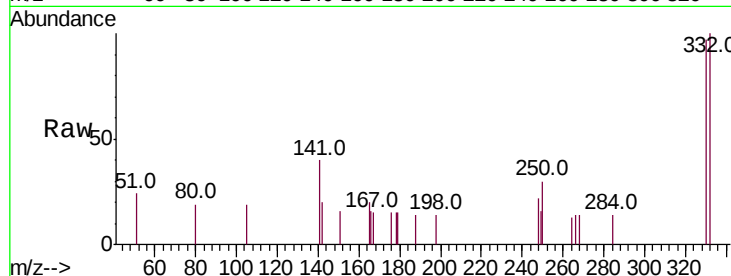




#14
 2,4,6-Tribromophenol
 Concen: 0.560 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098659.D
 Acq: 17 Jan 2019 22:43

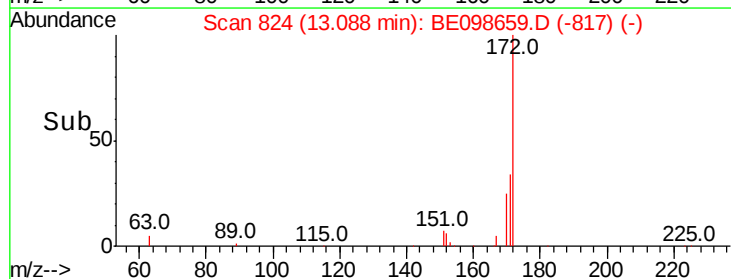
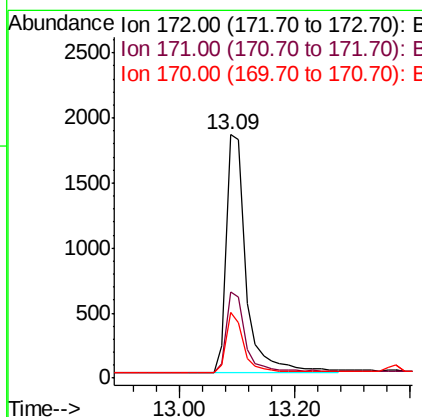
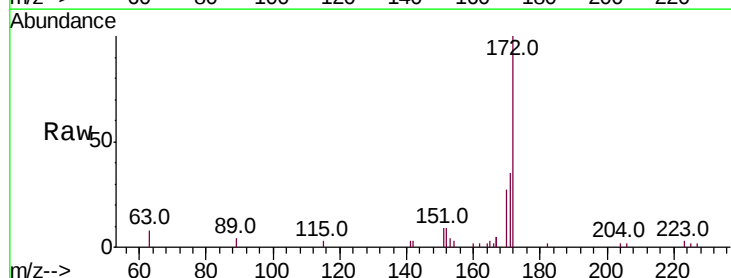
Instrument :
 BNA_E
 ClientSampleId :
 DUP

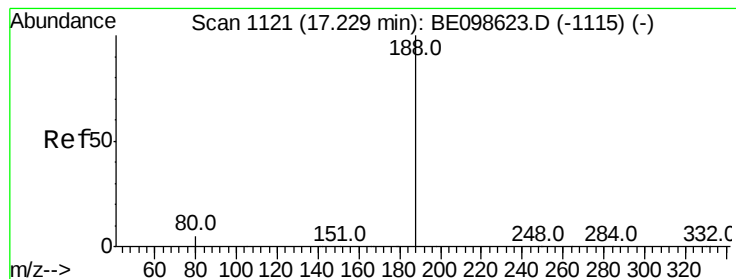
Tot Ion:330 Resp: 529
 Ion Ratio Lower Upper
 330 100
 332 98.3 73.3 109.9
 141 43.9 33.1 49.7



#15
 2-Fluorobiphenyl
 Concen: 0.494 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098659.D
 Acq: 17 Jan 2019 22:43

Tgt Ion:172 Resp: 4393
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.4
 170 26.9 20.8 31.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

Instrument :

BNA_E

ClientSampleId :

DUP

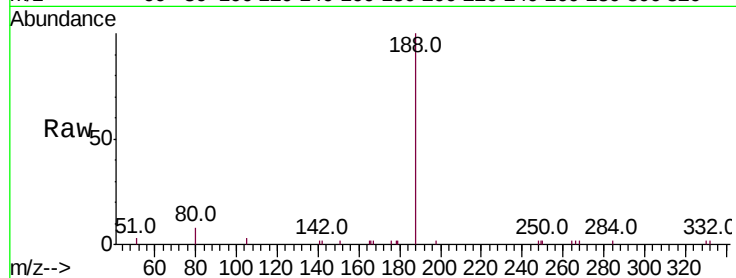
Tot Ion:188 Resp: 5267

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

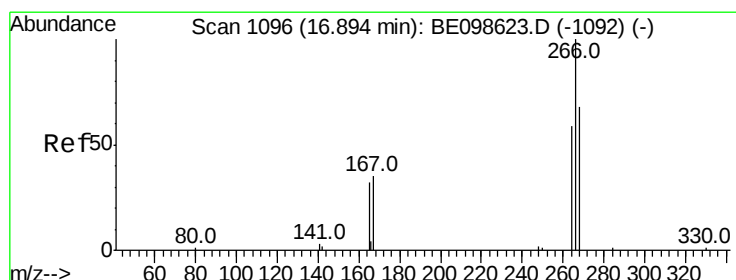
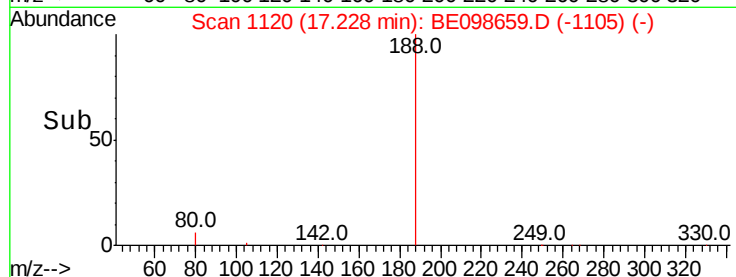
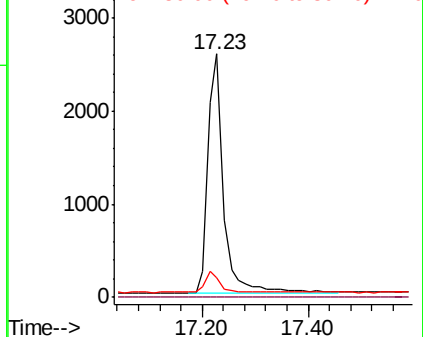
80 7.9 4.7 7.1#



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: 0.213 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

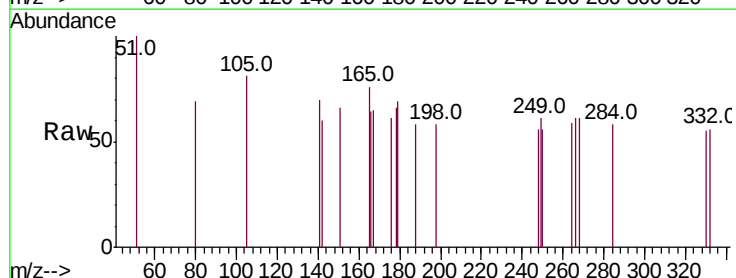
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 95.9 53.7 80.5#

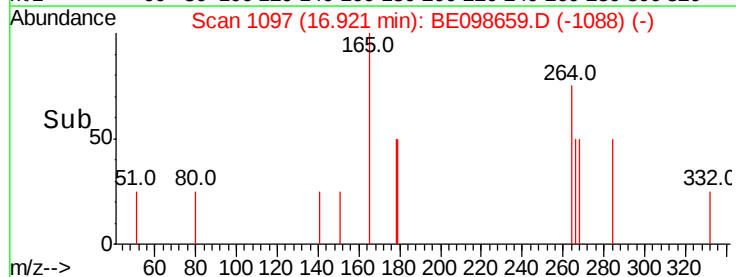
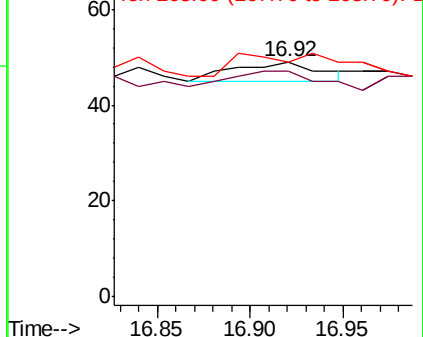
268 100.0 59.8 89.8#

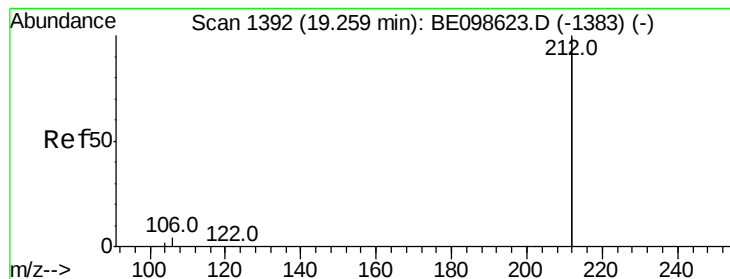


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.470 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

Instrument :

BNA_E

ClientSampled :

DUP

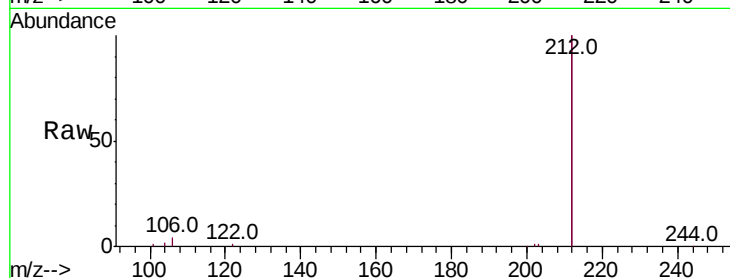
Tot Ion:212 Resp: 30639

Ion Ratio Lower Upper

212 100

106 1.9 1.7 2.5

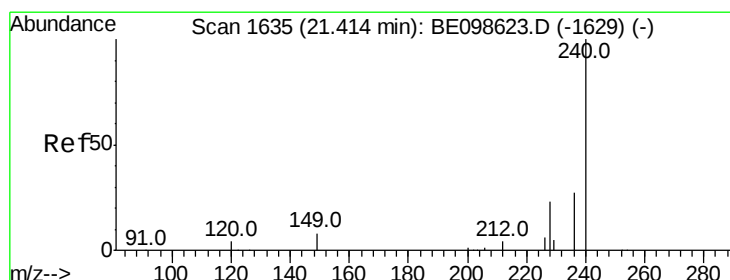
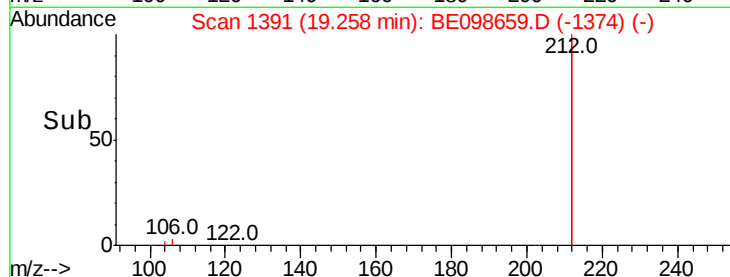
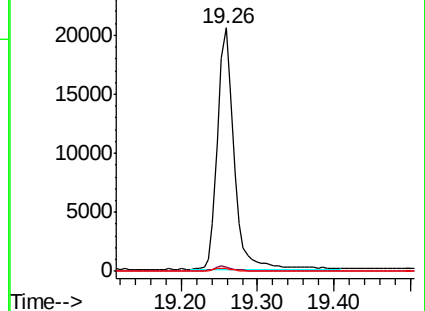
104 1.1 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098659.D

Acq: 17 Jan 2019 22:43

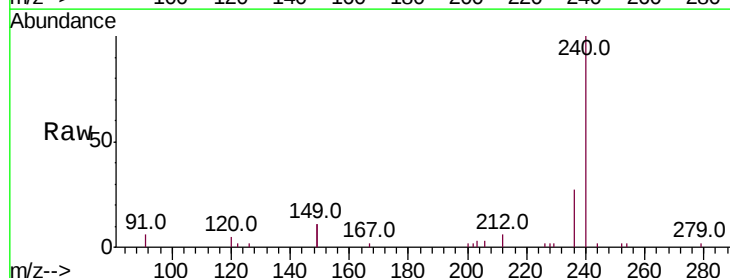
Tgt Ion:240 Resp: 6342

Ion Ratio Lower Upper

240 100

120 5.4 4.7 7.1

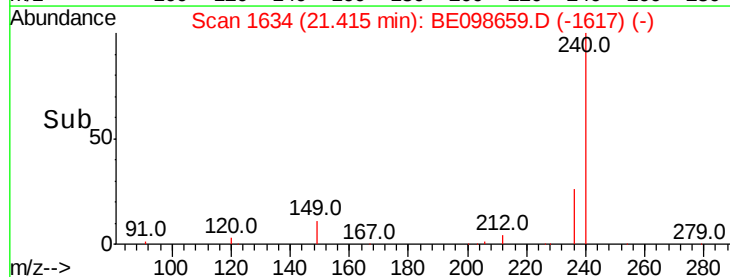
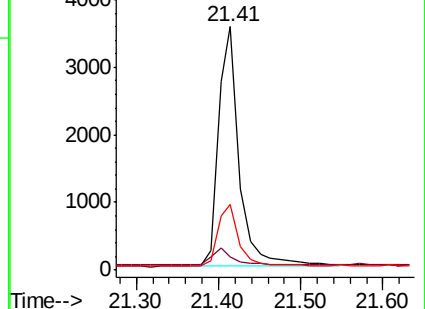
236 26.9 21.9 32.9

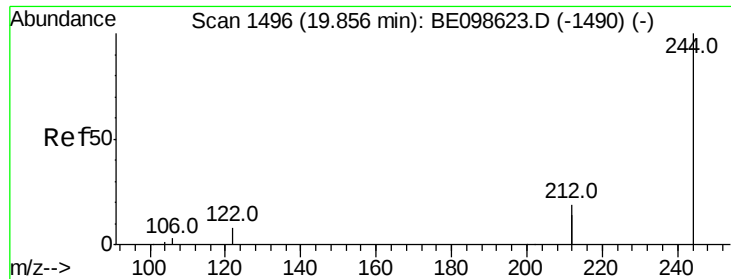


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



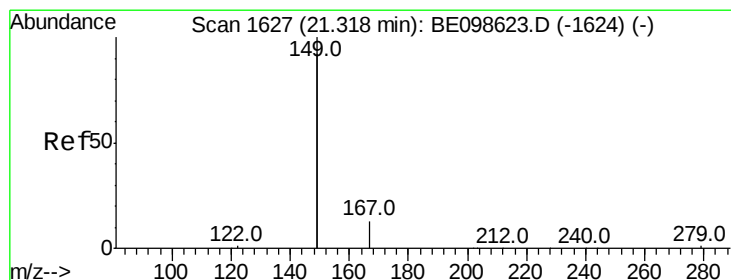
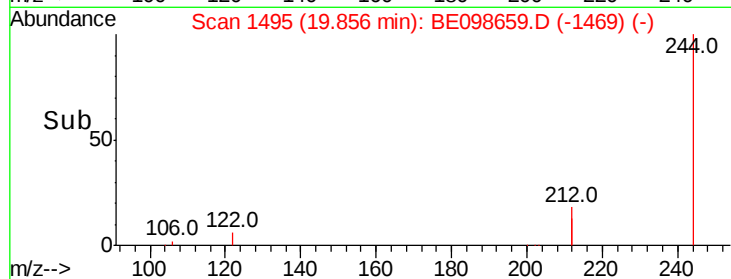
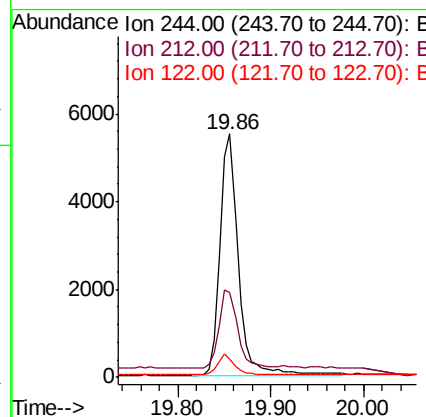
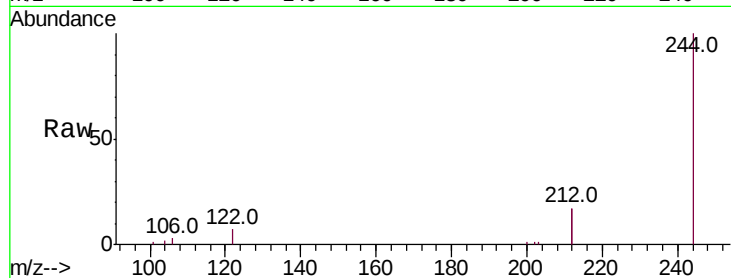


#29
 Terphenyl-d14
 Concen: 0.532 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BE098659.D
 Acq: 17 Jan 2019 22:43

Instrument :
 BNA_E
 ClientSampleId :
 DUP

Tot Ion:244 Resp: 7459

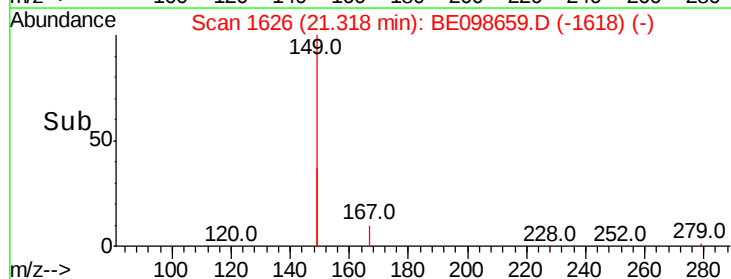
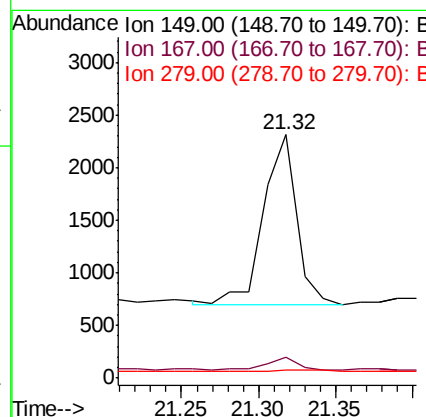
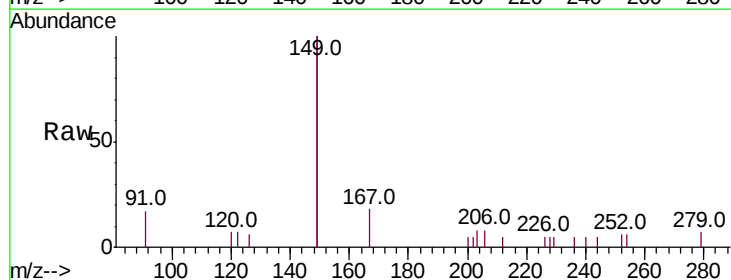
Ion	Ratio	Lower	Upper
244	100		
212	34.8	29.4	44.2
122	7.3	7.1	10.7

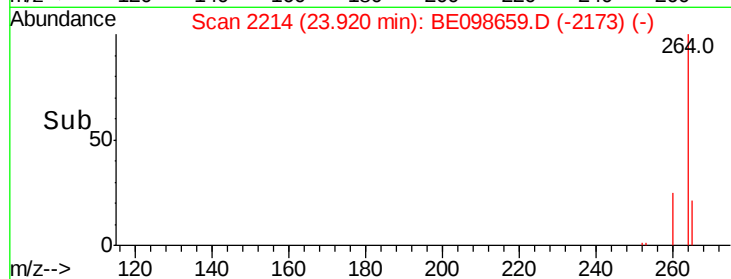
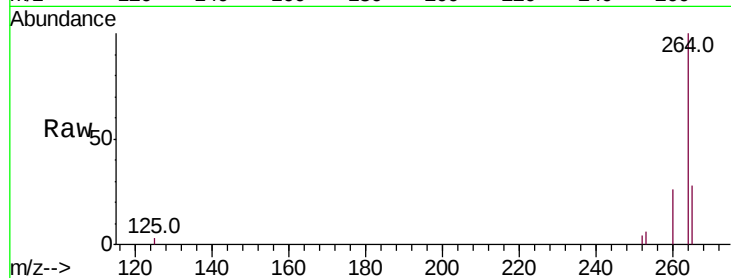
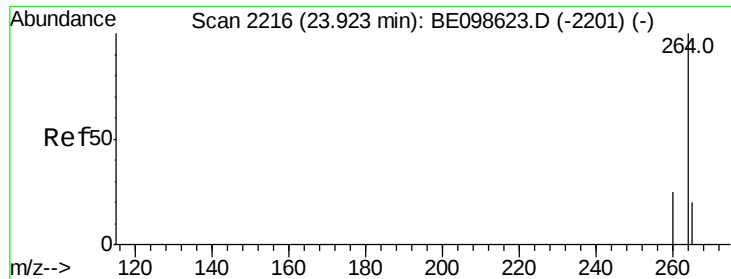


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE098659.D
 Acq: 17 Jan 2019 22:43

Tgt Ion:149 Resp: 2415

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.2
279	1.7	1.0	1.4#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BE098659.D
 Acq: 17 Jan 2019 22:43

Instrument :
 BNA_E
 ClientSampleId :
 DUP

Tot Ion:	264	Resp:	6155
Ion Ratio	Lower	Upper	
264	100		
260	26.4	20.5	30.7
265	28.5	22.3	33.5

