

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE011819\
 Data File : BE098664.D
 Acq On : 18 Jan 2019 9:10
 Operator : SJ/JU
 Sample : K1174-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RD-1

Quant Time: Jan 18 11:40:19 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

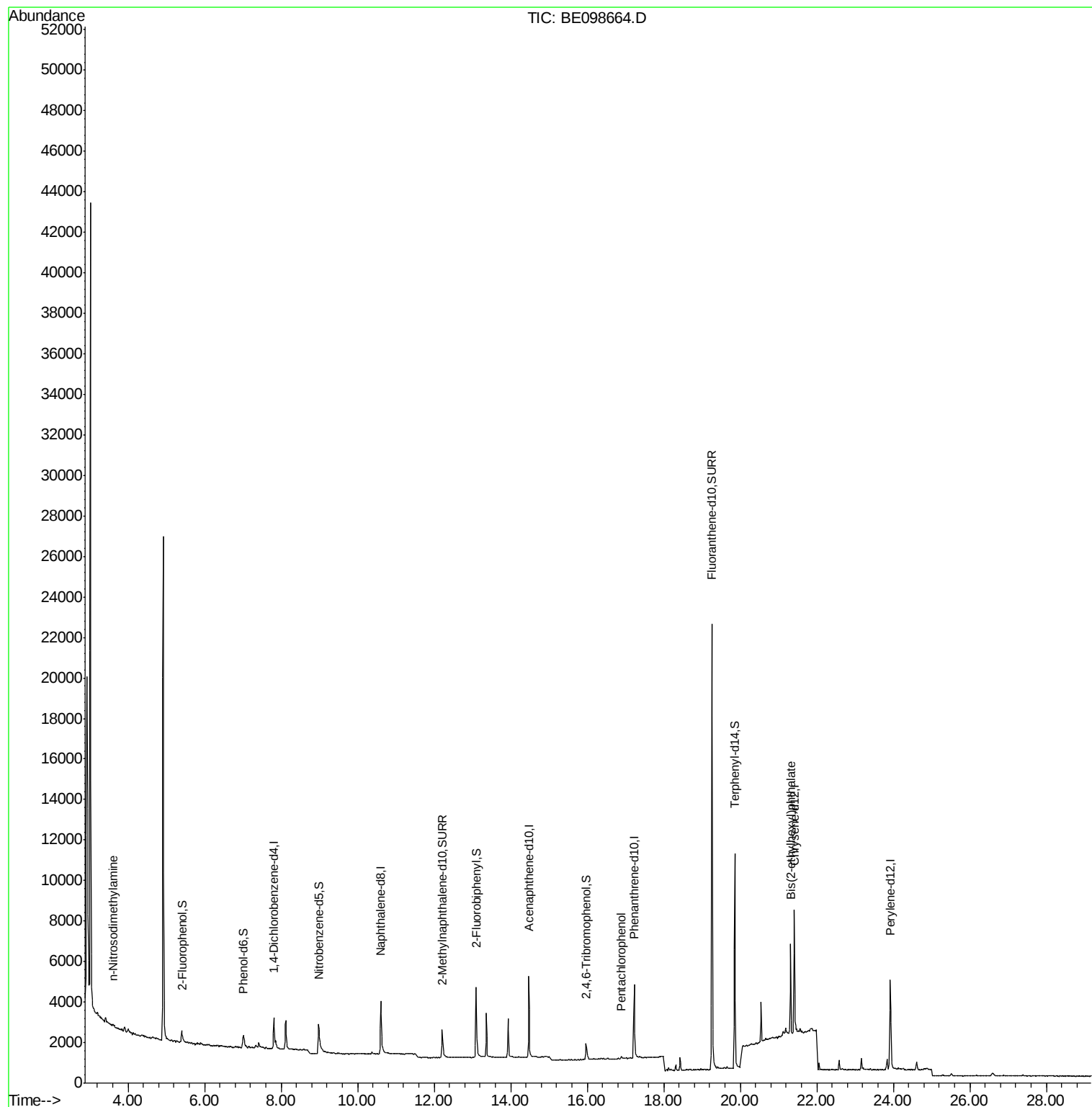
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	880	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3738	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2530	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	6052	0.40	ng	0.00
27) Chrysene-d12	21.41	240	7005	0.40	ng	0.00
34) Perylene-d12	23.92	264	6956	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	429	0.18	ng	0.01
5) Phenol-d6	7.00	99	379	0.11	ng	0.00
8) Nitrobenzene-d5	8.98	82	1069	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2386	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	571	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4724	0.46	ng	0.01
25) Fluoranthene-d10	19.26	212	30789	0.41	ng	0.00
29) Terphenyl-d14	19.86	244	10330	0.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	15	Below Cal	Qvalue #	11
3) n-Nitrosodimethylamine	3.61	42	53	0.156 ng	#	35
22) Pentachlorophenol	16.89	266	145	0.294 ng	#	79
32) Bis(2-ethylhexyl)phthalate	21.32	149	5142	0.129 ng		99

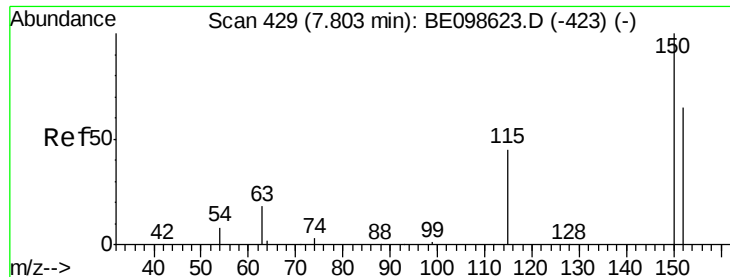
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 15 14:30:55 2019
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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: BE098664.D

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BNA_E

ClientSampleId :

RD-1

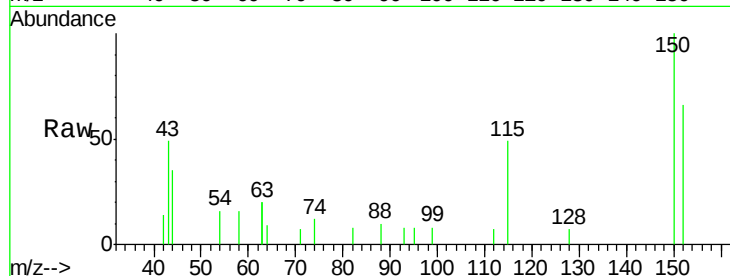
Tgt Ion: 152 Resp: 880

Ion Ratio Lower Upper

152 100

150 151.0 121.4 182.2

115 73.8 59.1 88.7



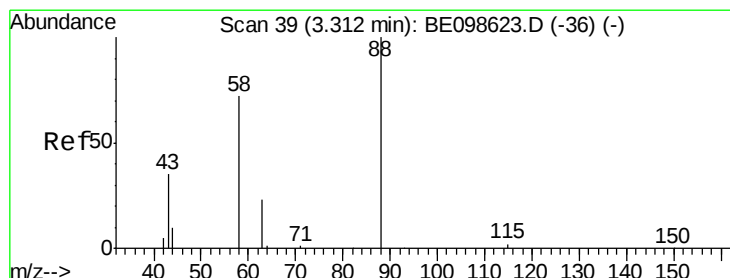
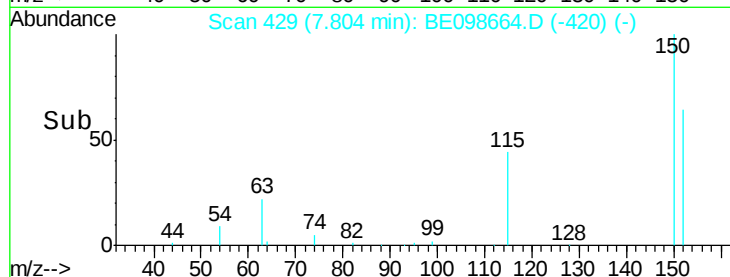
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.80

Time-->



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.36 min Scan# 43

Delta R.T. 0.05 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

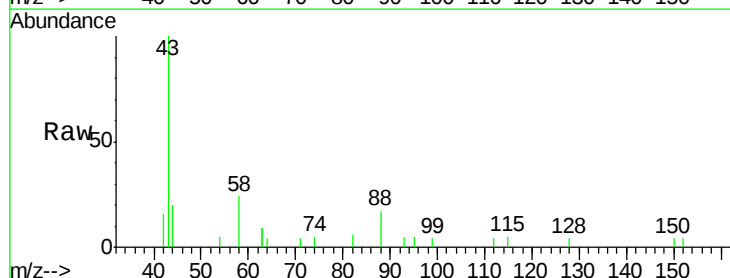
Tgt Ion: 88 Resp: 15

Ion Ratio Lower Upper

88 100

58 0.0 73.9 110.9#

43 0.0 43.7 65.5#



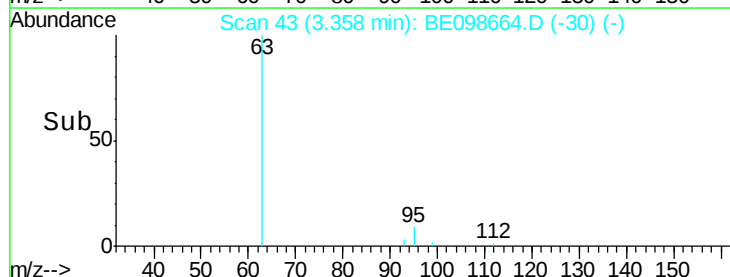
Abundance Ion 88.00 (87.70 to 88.70): BE0

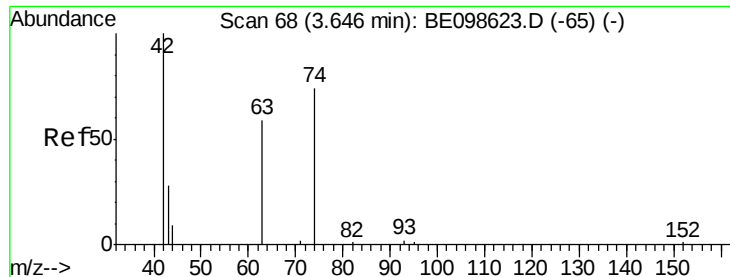
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.36

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.156 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.03 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RD-1

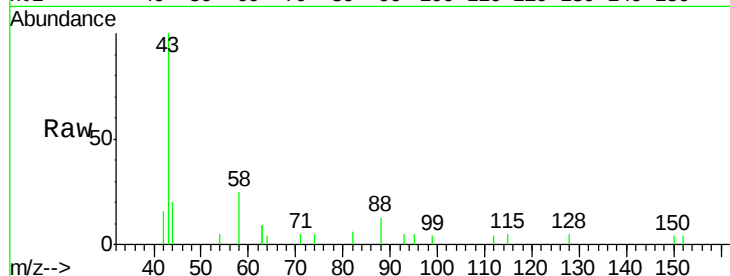
Tgt Ion: 42 Resp: 53

Ion Ratio Lower Upper

42 100

74 18.9 58.9 88.3#

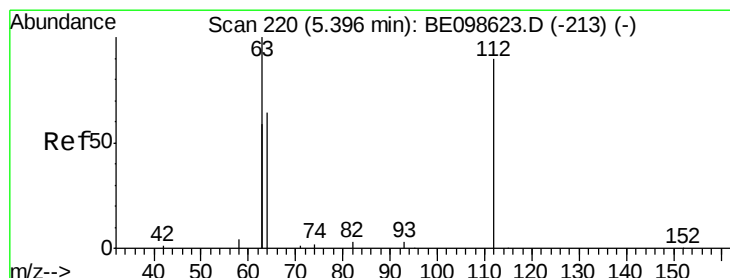
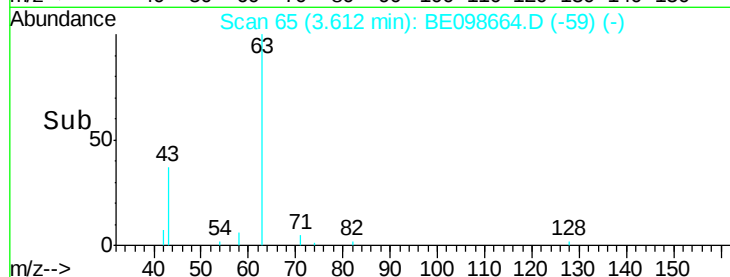
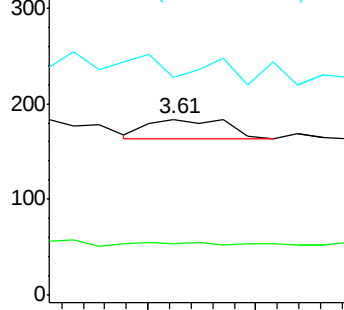
44 0.0 0.0 0.0



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: 0.183 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

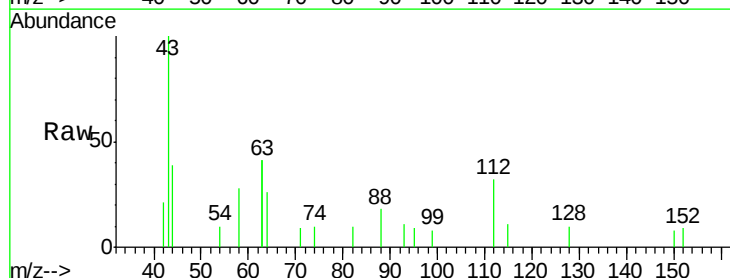
Tgt Ion: 112 Resp: 429

Ion Ratio Lower Upper

112 100

64 71.1 62.9 94.3

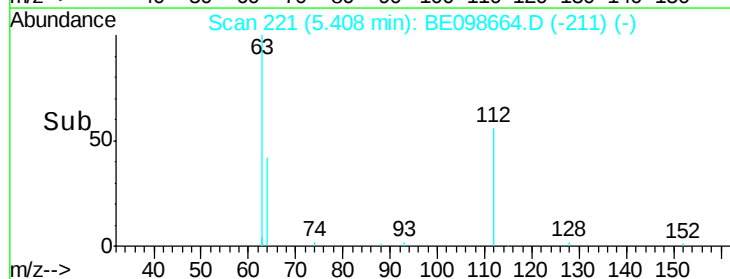
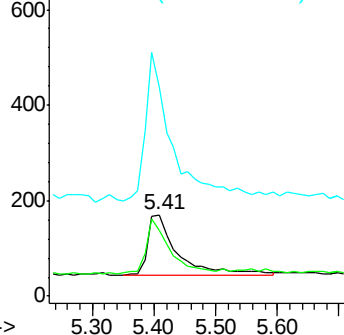
63 221.9 152.2 228.4

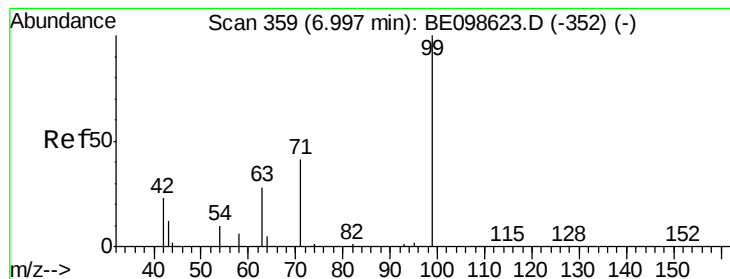


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.113 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

Instrument :

BNA_E

ClientSampled :

RD-1

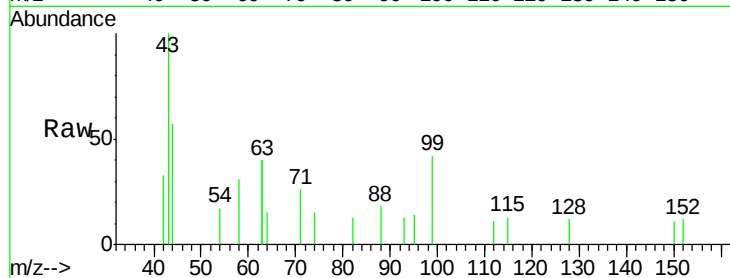
Tgt Ion: 99 Resp: 379

Ion Ratio Lower Upper

99 100

42 47.0 24.6 37.0#

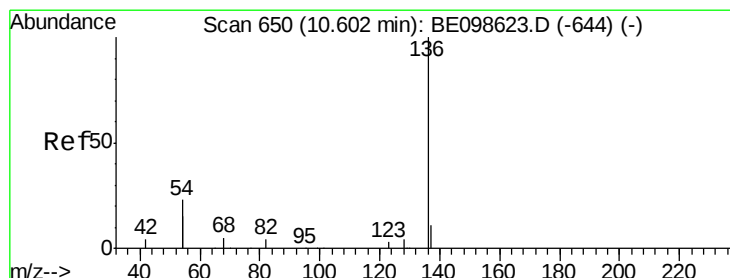
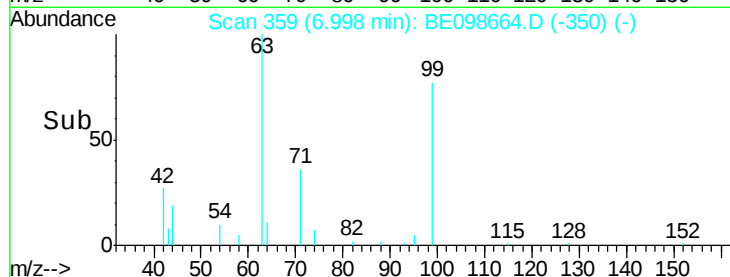
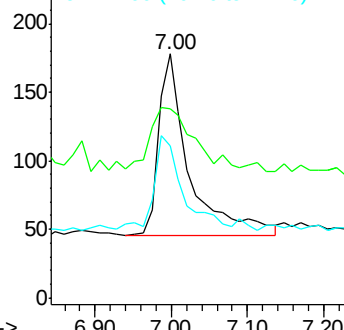
71 46.7 35.1 52.7



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: BE098664.D

Acq: 18 Jan 2019 9:10

Tgt Ion: 136 Resp: 3738

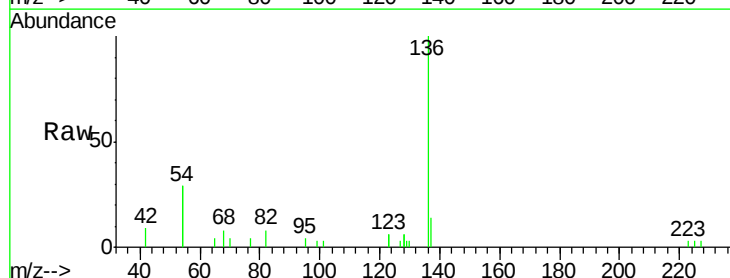
Ion Ratio Lower Upper

136 100

137 13.7 9.7 14.5

54 58.5 35.5 53.3#

68 8.1 5.0 7.6#

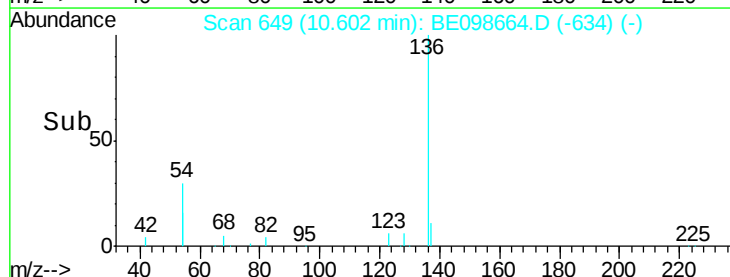
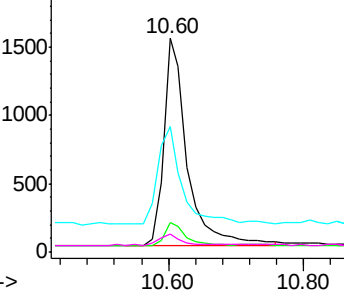


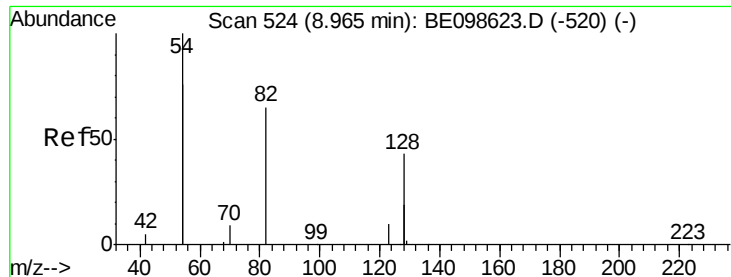
Abundance Ion 136.00 (135.70 to 136.70): E

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

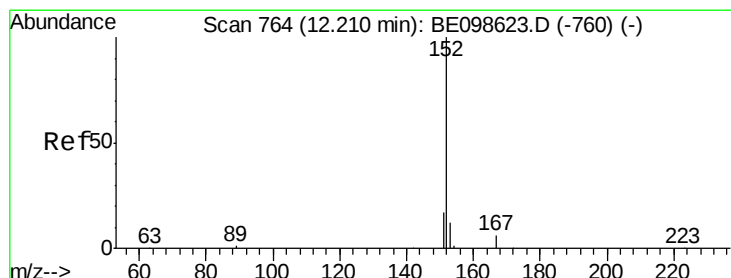
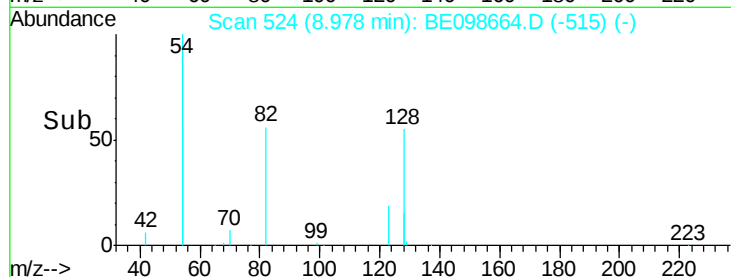
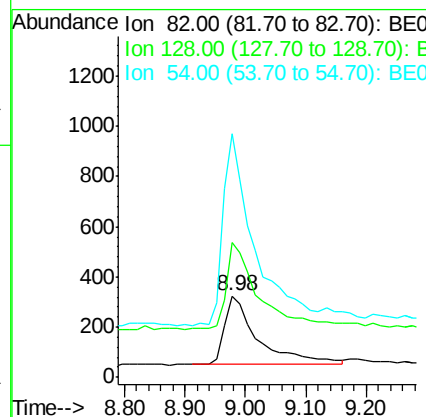
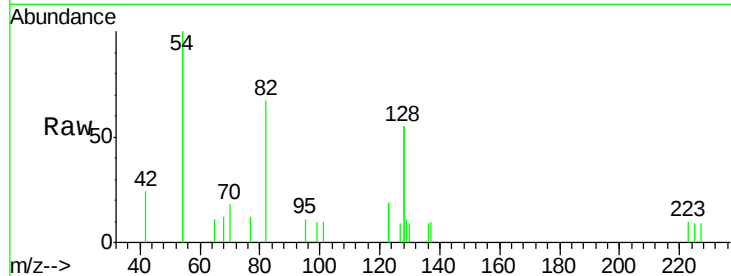




#8
 Nitrobenzene-d5
 Concen: 0.361 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

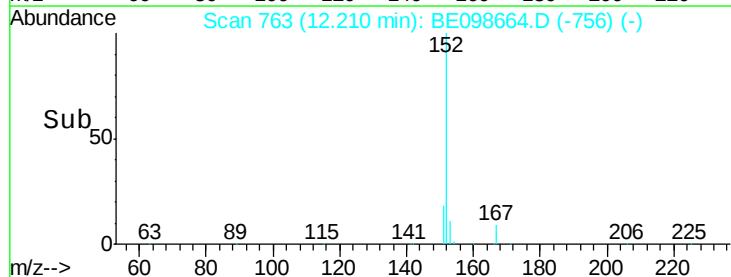
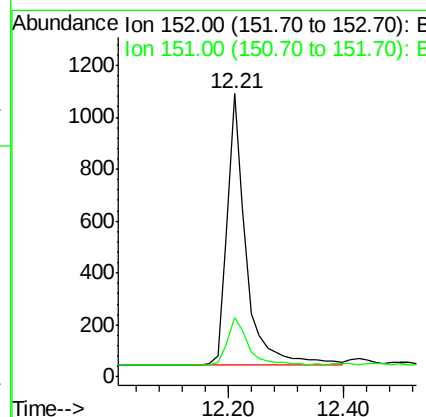
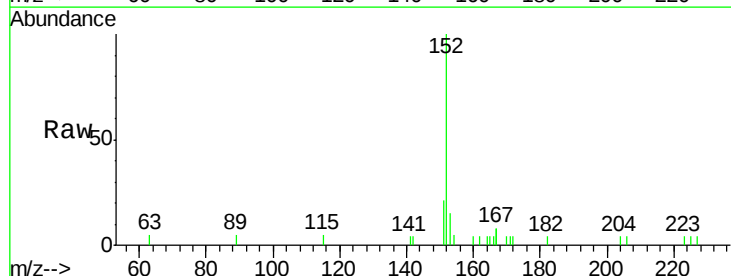
Instrument :
 BNA_E
 ClientSampleId :
 RD-1

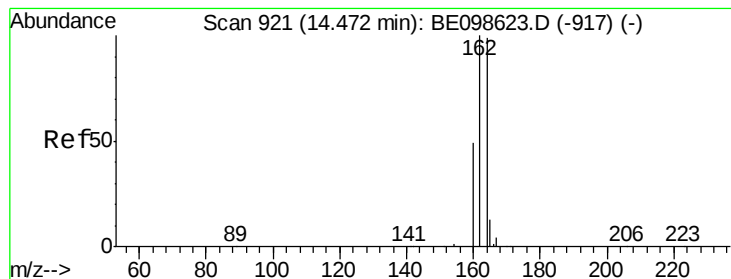
Tgt Ion: 82 Resp: 1069
 Ion Ratio Lower Upper
 82 100
 128 166.6 96.5 144.7#
 54 300.3 224.7 337.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

Tgt Ion: 152 Resp: 2386
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RD-1

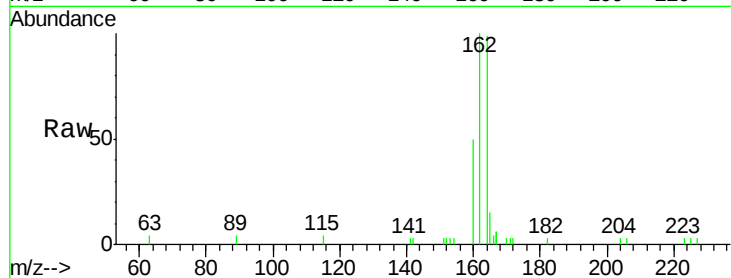
Tgt Ion:164 Resp: 2530

Ion Ratio Lower Upper

164 100

162 100.9 80.5 120.7

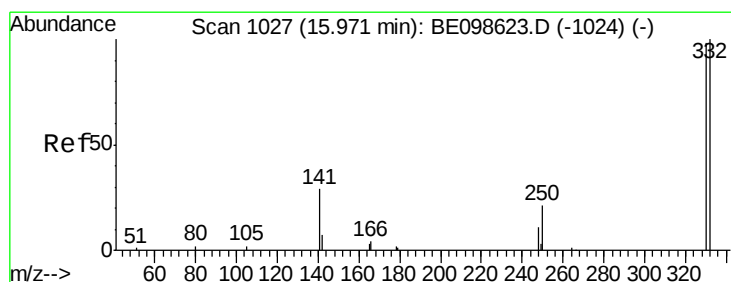
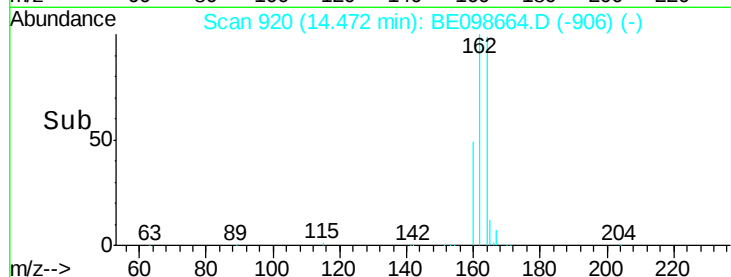
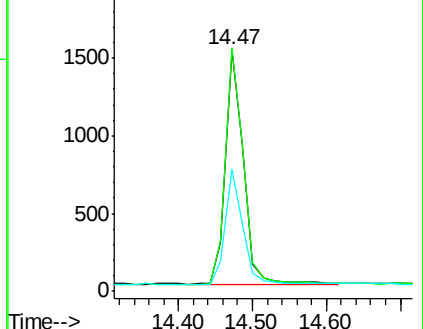
160 50.8 40.1 60.1



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



#14

2,4,6-Tribromophenol

Concen: 0.519 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

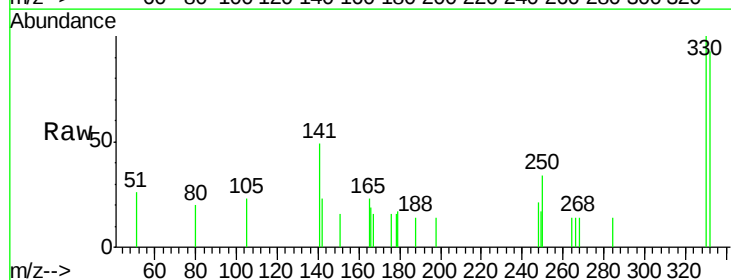
Tgt Ion:330 Resp: 571

Ion Ratio Lower Upper

330 100

332 93.9 73.3 109.9

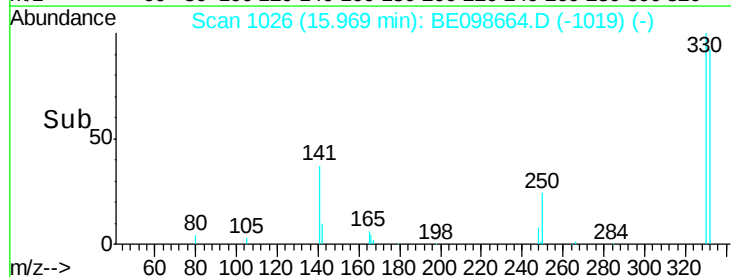
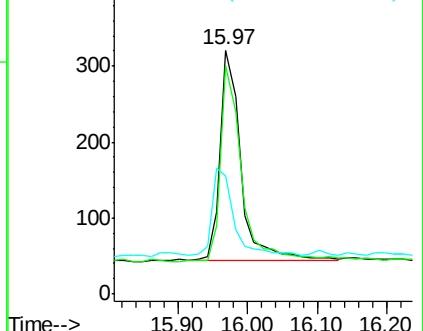
141 42.6 33.1 49.7

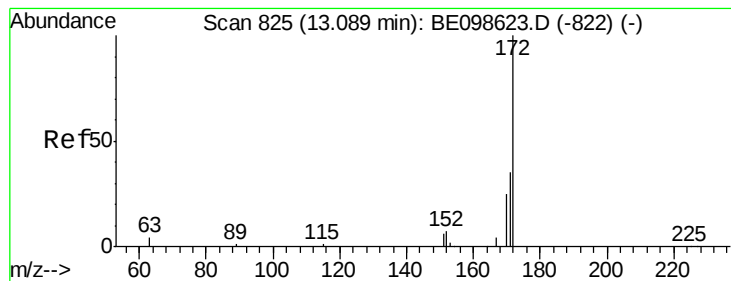


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

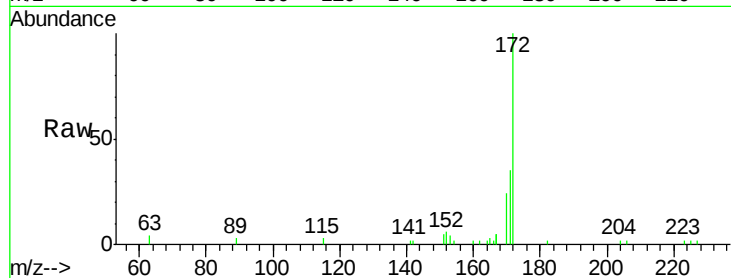




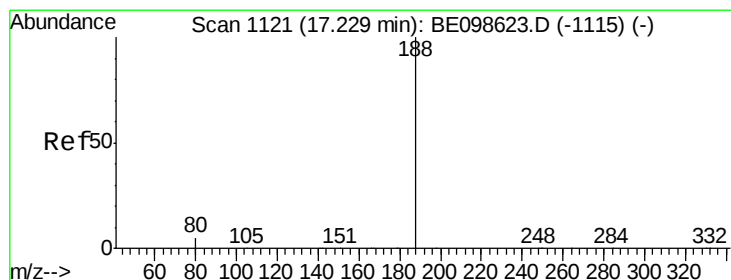
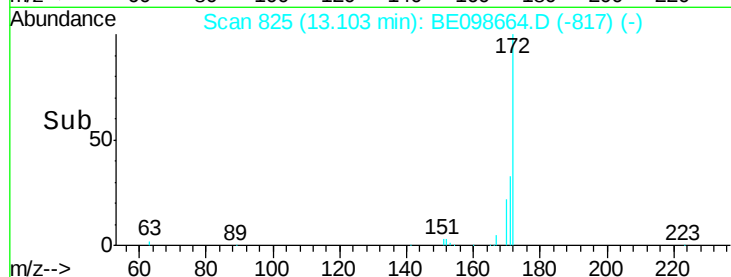
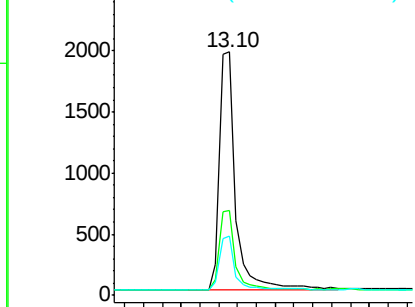
#15
 2-Fluorobiphenyl
 Concen: 0.456 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

Instrument :
 BNA_E
 ClientSampleID :
 RD-1

Tgt Ion:172 Resp: 4724
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.0 43.4
 170 24.1 20.8 31.2

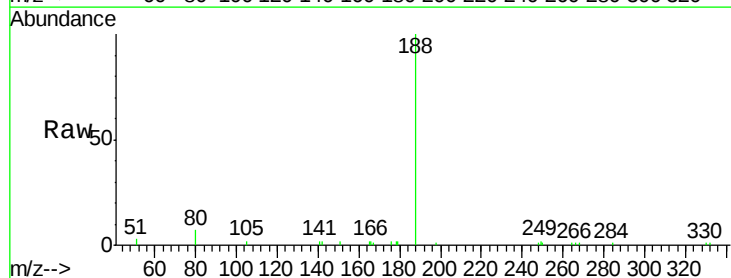


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

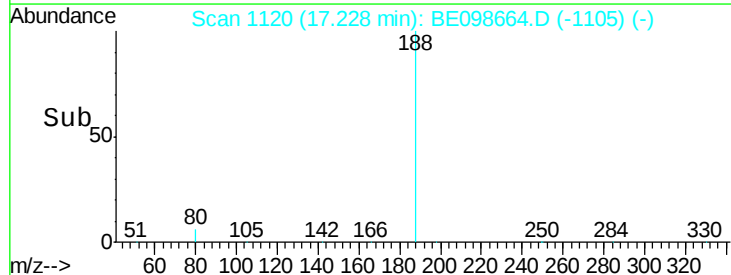
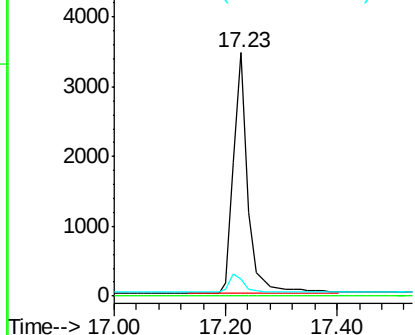


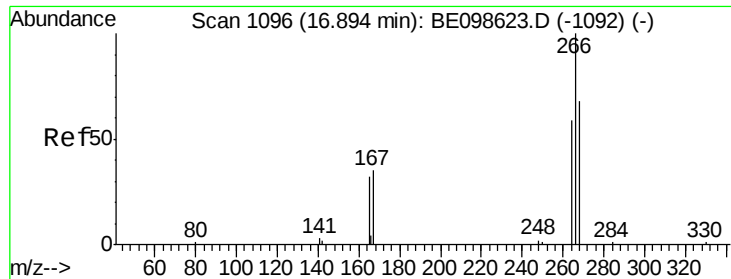
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

Tgt Ion:188 Resp: 6052
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.1 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

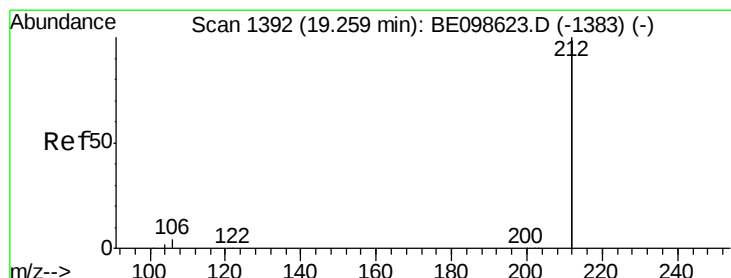
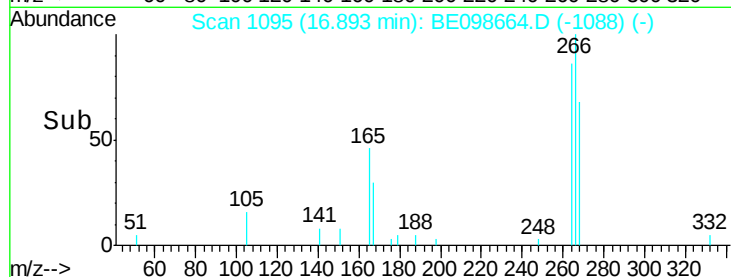
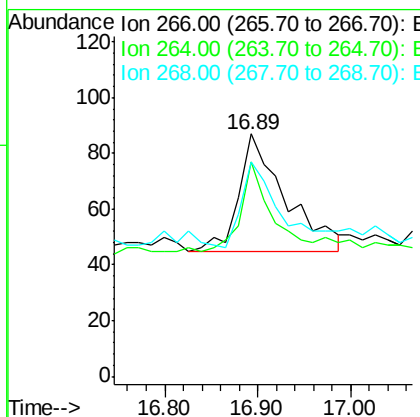
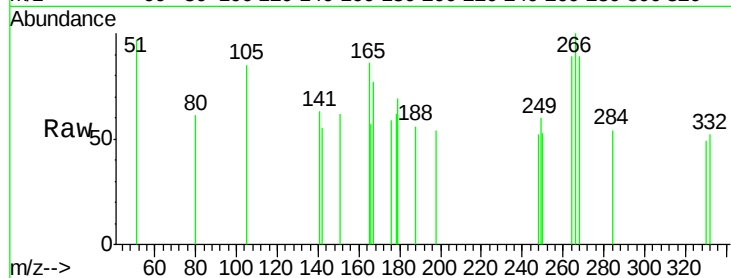




#22
 Pentachlorophenol
 Concen: 0.294 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

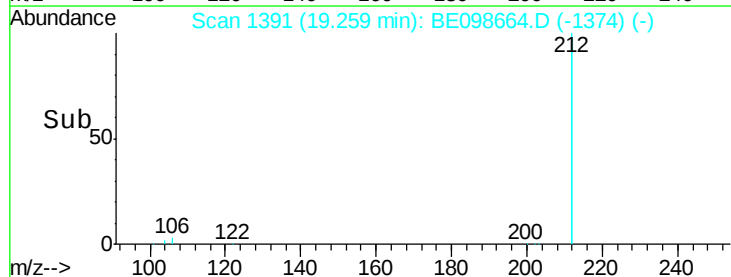
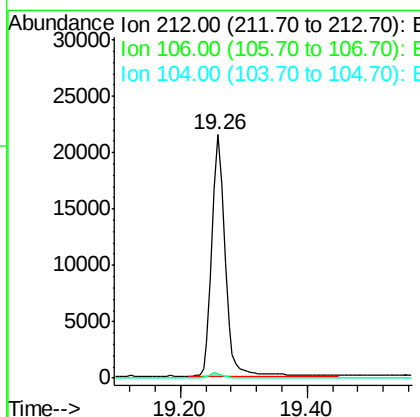
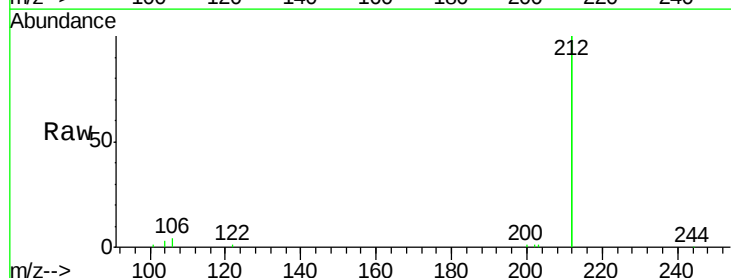
Instrument :
 BNA_E
 ClientSampleId :
 RD-1

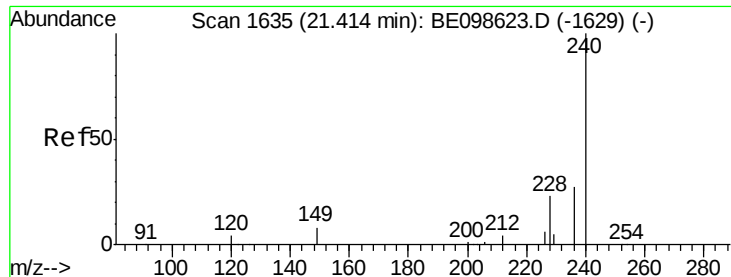
Tgt Ion: 266 Resp: 145
 Ion Ratio Lower Upper
 266 100
 264 88.5 53.7 80.5#
 268 88.5 59.8 89.8



#25
 Fluoranthene-d10
 Concen: 0.411 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

Tgt Ion: 212 Resp: 30789
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.7 2.5
 104 1.2 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RD-1

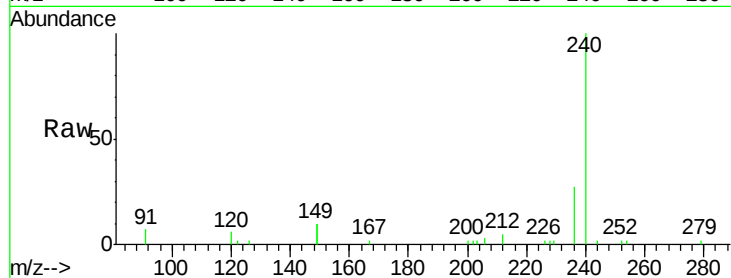
Tgt Ion:240 Resp: 7005

Ion Ratio Lower Upper

240 100

120 5.6 4.7 7.1

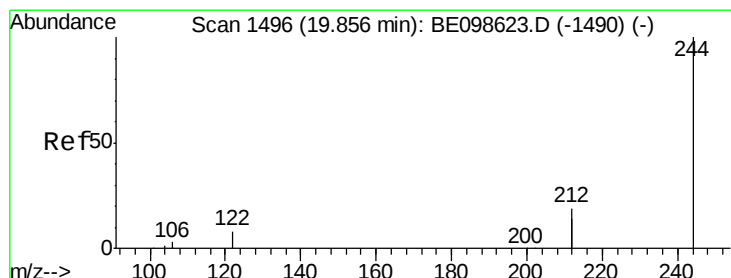
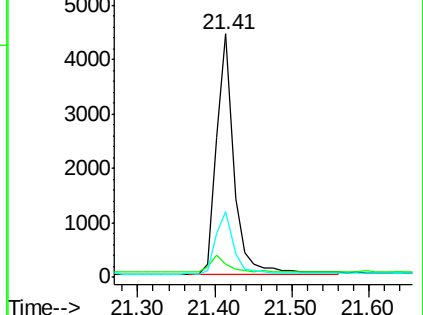
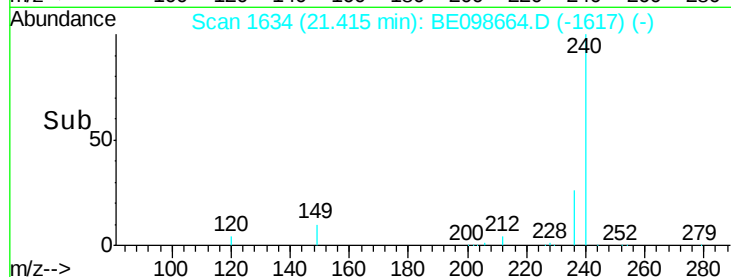
236 26.9 21.9 32.9



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: 0.666 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

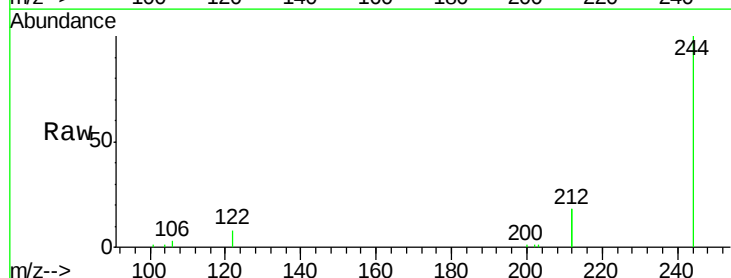
Tgt Ion:244 Resp: 10330

Ion Ratio Lower Upper

244 100

212 36.4 29.4 44.2

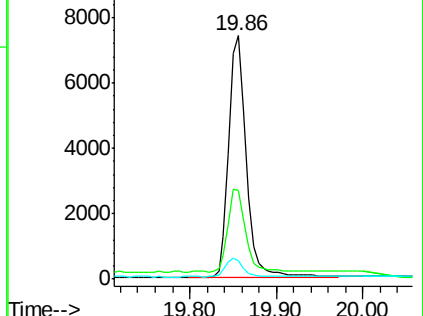
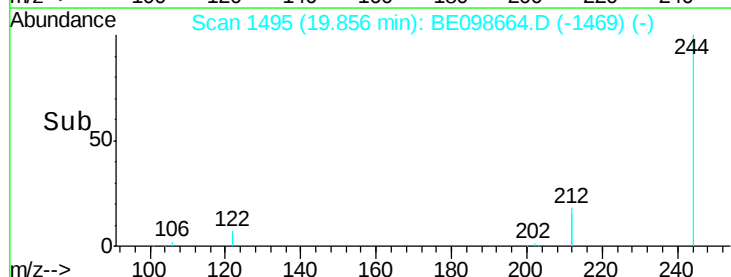
122 7.5 7.1 10.7

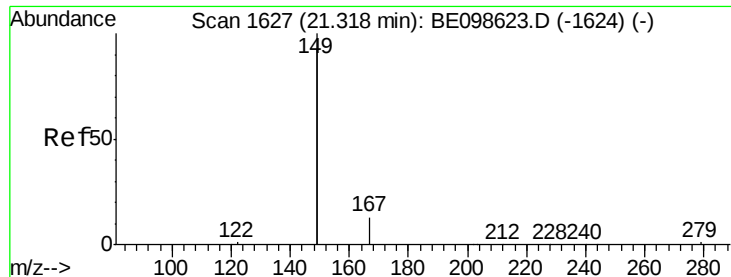


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.129 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RD-1

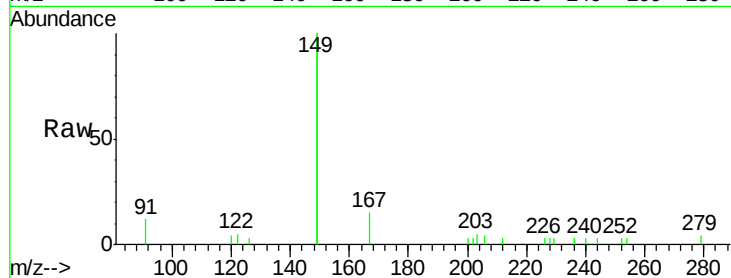
Tgt Ion:149 Resp: 5142

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.2

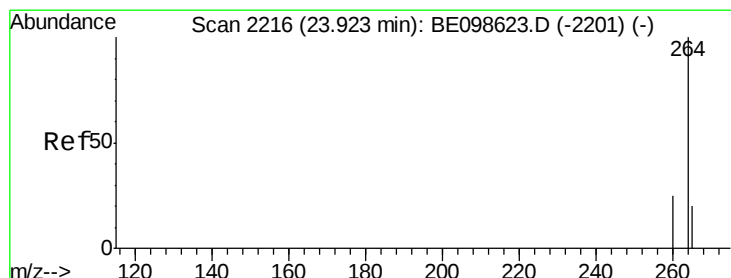
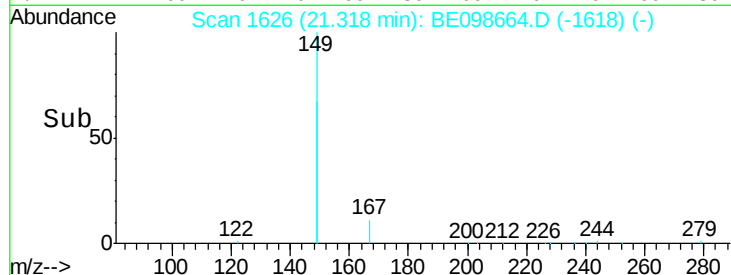
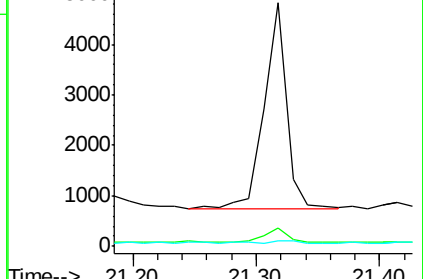
279 1.3 1.0 1.4



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: 23.92 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

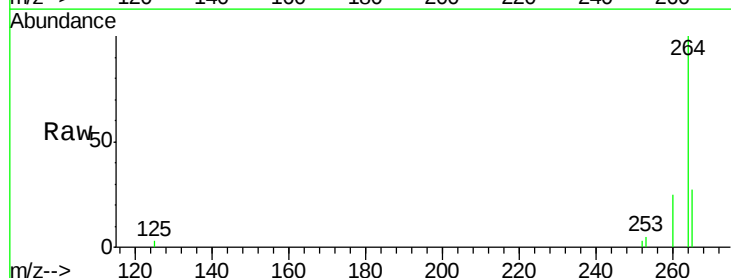
Tgt Ion:264 Resp: 6956

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 27.5 22.3 33.5



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

