

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098868.D
 Acq On : 11 Mar 2019 18:55
 Operator : JU/SJ
 Sample : K1839-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D3-20190307

Quant Time: Mar 12 07:26:10 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

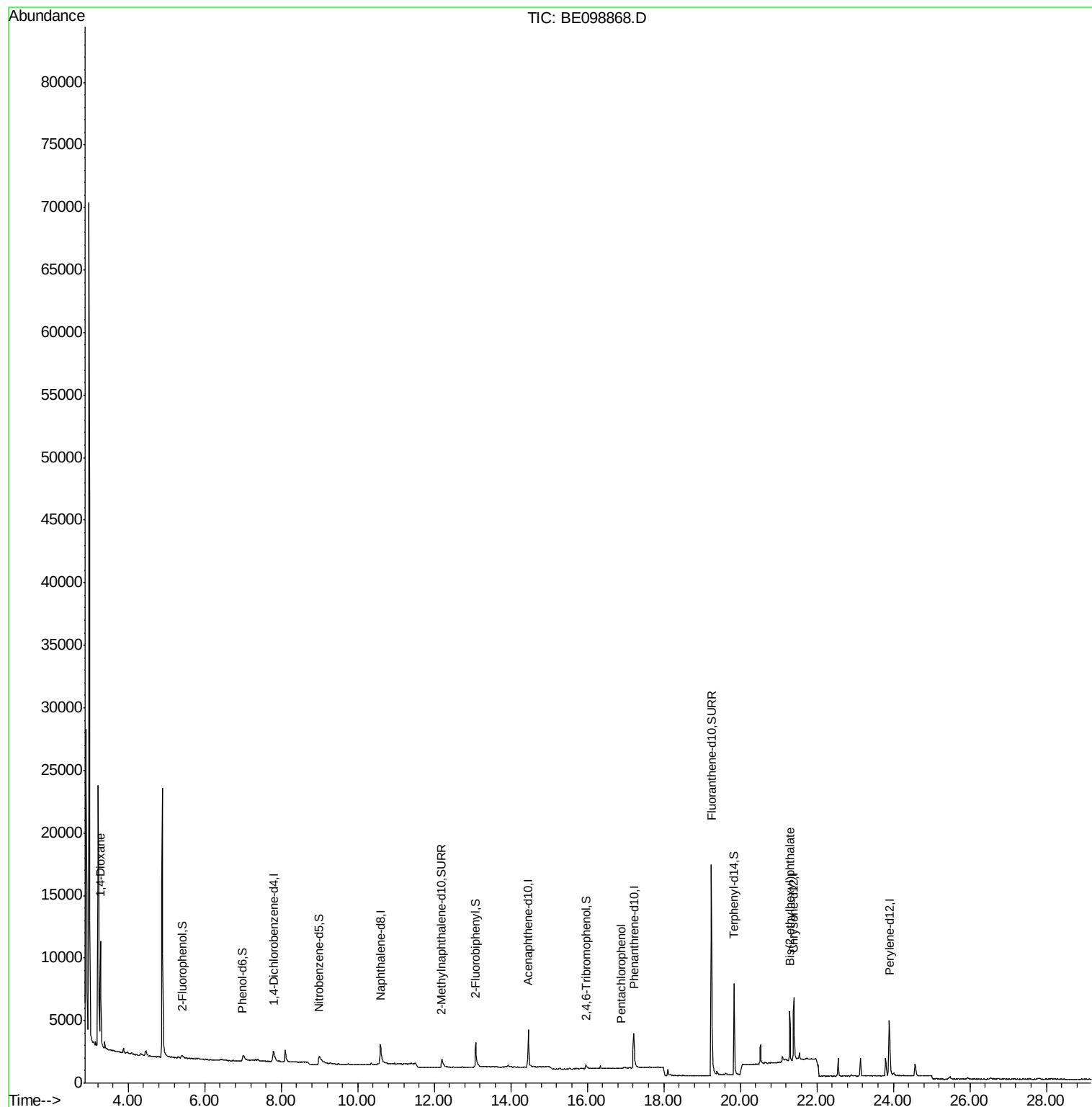
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	676	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	2889	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2128	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5483	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6801	0.40	ng	0.00
34) Perylene-d12	23.89	264	6891	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	257	0.13	ng	0.02
5) Phenol-d6	6.99	99	214	0.07	ng	0.00
8) Nitrobenzene-d5	8.99	82	930	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	1910	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	331	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3103	0.35	ng	0.00
25) Fluoranthene-d10	19.25	212	27729	0.32	ng	0.00
29) Terphenyl-d14	19.84	244	6988	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	4470	4.191	ng	96
22) Pentachlorophenol	16.89	266	11	0.274	ng	84
32) Bis(2-ethylhexyl)phthalate	21.29	149	5227	0.116	ng	# 100

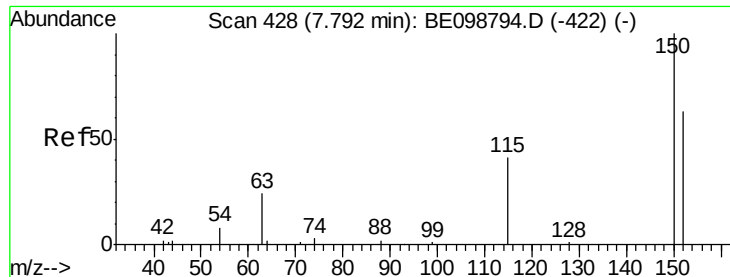
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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BNA_E

ClientSampleId :

RE109D3-20190307

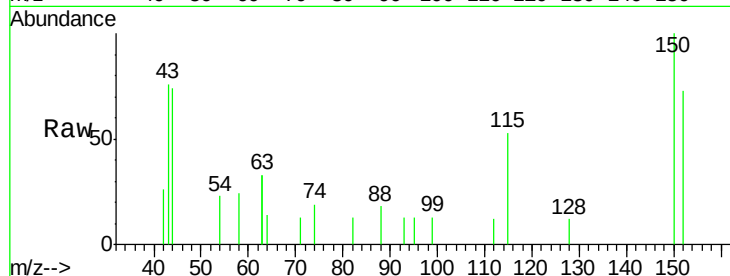
Tgt Ion:152 Resp: 676

Ion Ratio Lower Upper

152 100

150 136.5 122.5 183.7

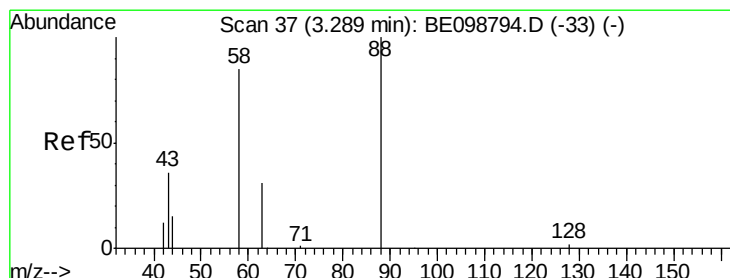
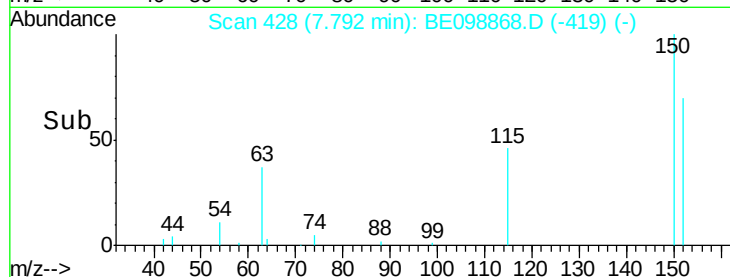
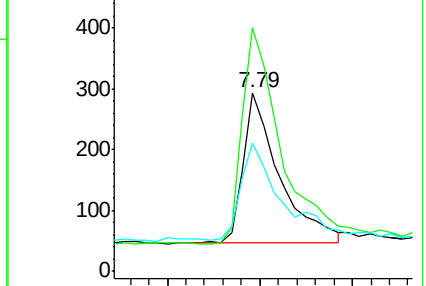
115 71.7 57.4 86.2



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



#2

1,4-Dioxane

Concen: 4.191 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098868.D

Acq: 11 Mar 2019 18:55

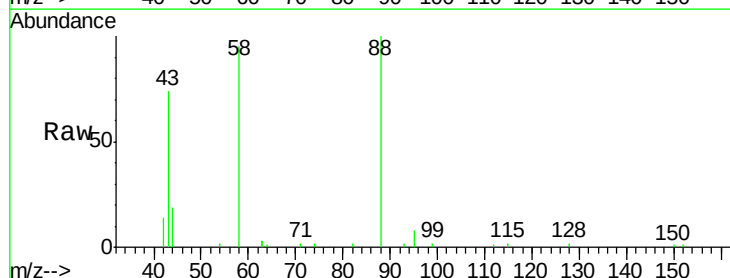
Tgt Ion: 88 Resp: 4470

Ion Ratio Lower Upper

88 100

58 96.4 75.8 113.6

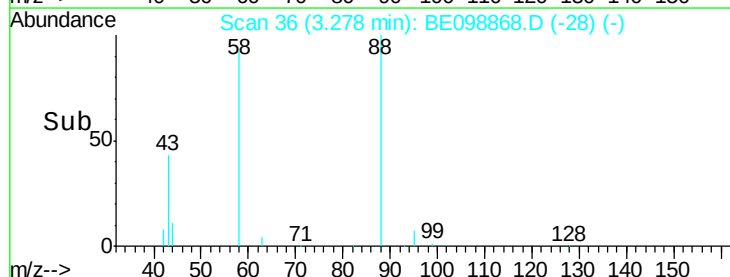
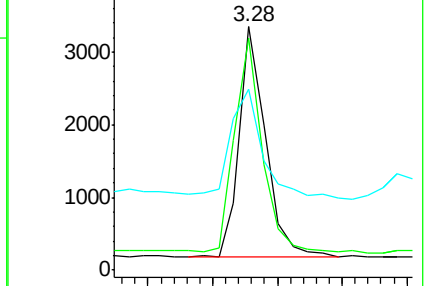
43 57.2 41.8 62.8

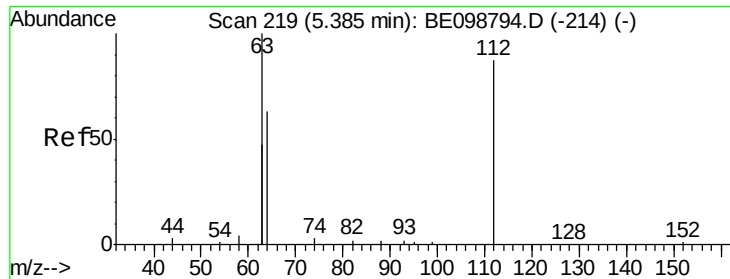


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.127 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098868.D

Acq: 11 Mar 2019 18:55

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307

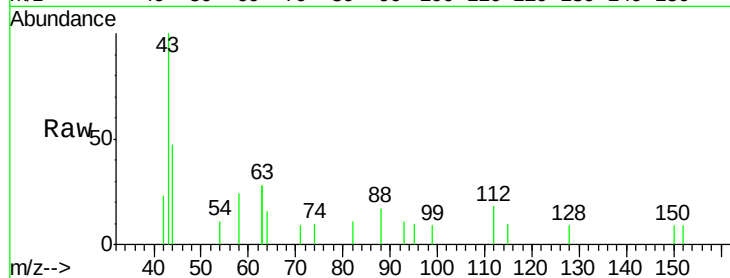
Tgt Ion: 112 Resp: 257

Ion Ratio Lower Upper

112 100

64 81.3 57.9 86.9

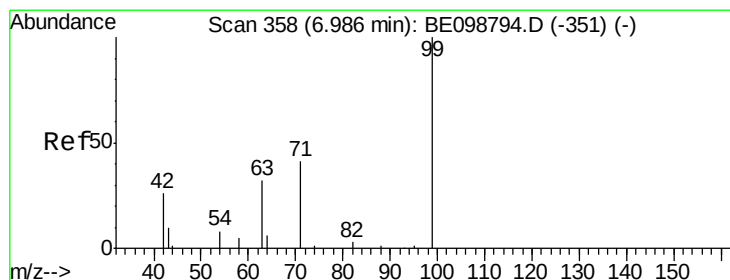
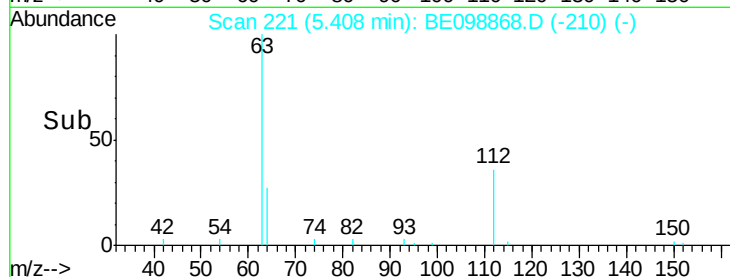
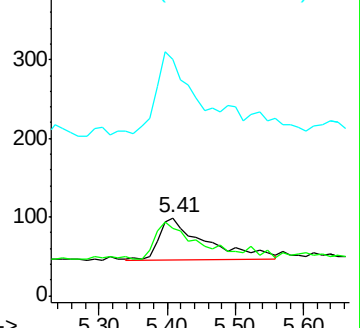
63 136.2 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.075 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098868.D

Acq: 11 Mar 2019 18:55

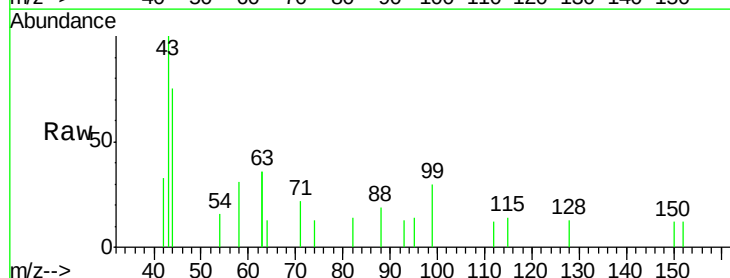
Tgt Ion: 99 Resp: 214

Ion Ratio Lower Upper

99 100

42 50.5 24.2 36.2#

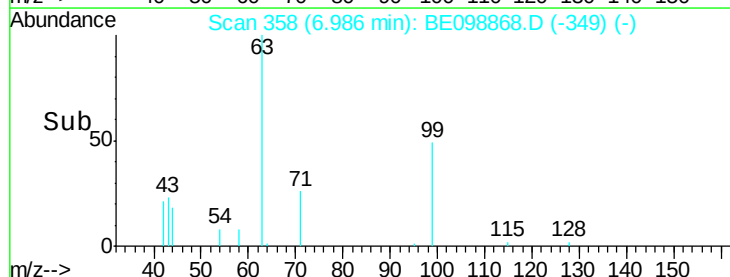
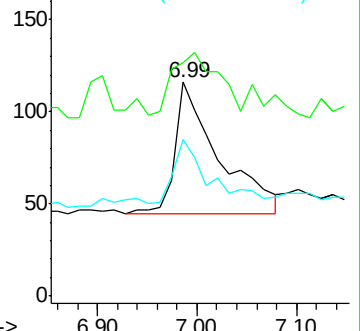
71 40.2 35.7 53.5

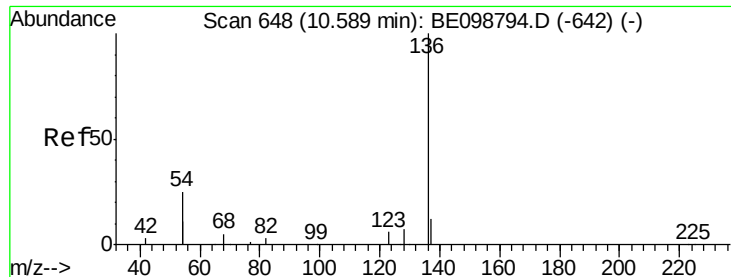


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098868.D

Acq: 11 Mar 2019 18:55

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307

Tgt Ion: 136 Resp: 2889

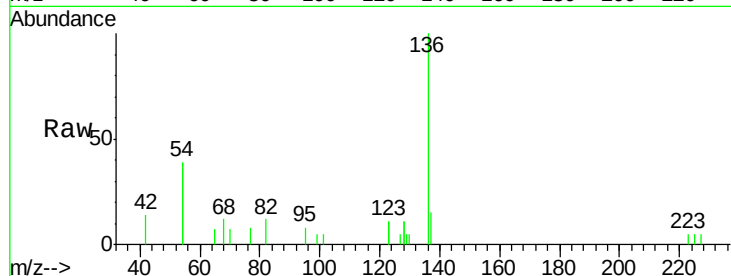
Ion Ratio Lower Upper

136 100

137 15.1 11.4 17.0

54 77.4 39.3 58.9#

68 12.5 6.7 10.1#

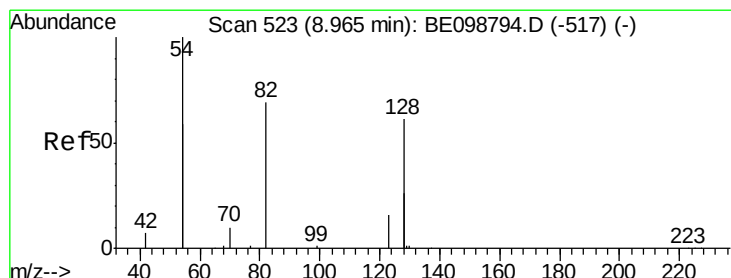
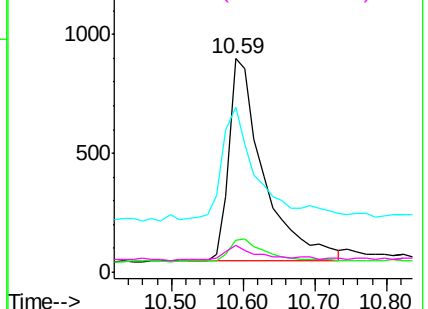
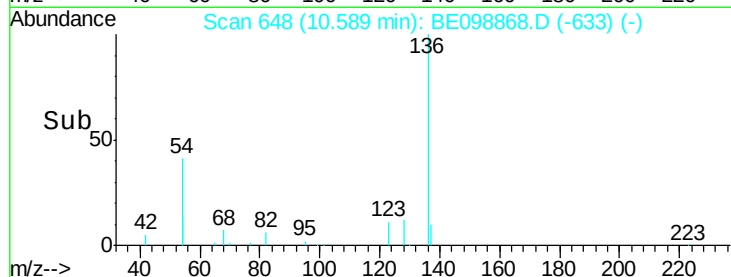


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.307 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098868.D

Acq: 11 Mar 2019 18:55

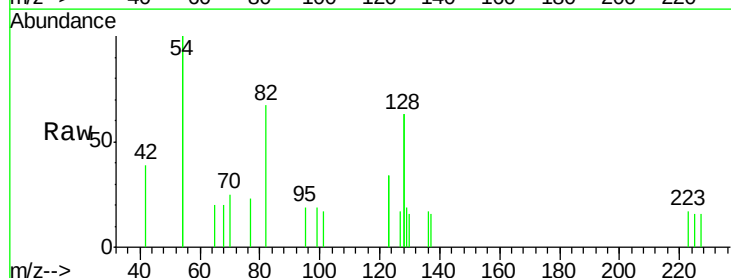
Tgt Ion: 82 Resp: 930

Ion Ratio Lower Upper

82 100

128 187.0 123.8 185.8#

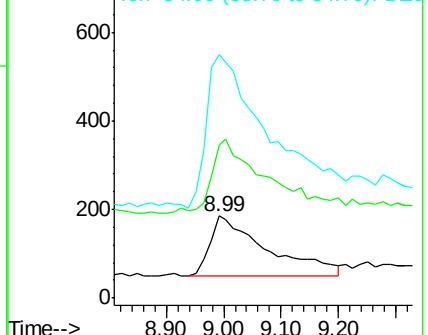
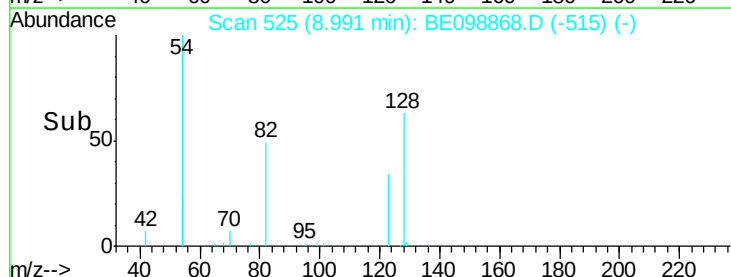
54 297.3 203.4 305.2

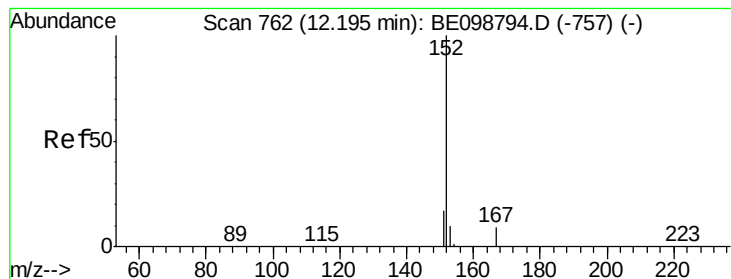


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098868.D

Acq: 11 Mar 2019 18:55

Instrument :

BNA_E

ClientSampleId :

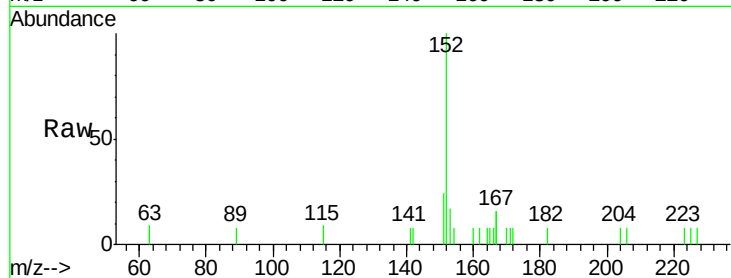
RE109D3-20190307

Tgt Ion:152 Resp: 1910

Ion Ratio Lower Upper

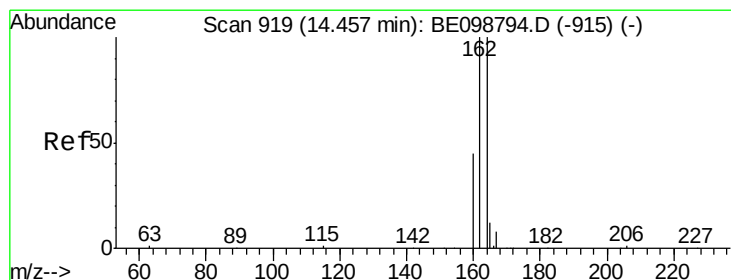
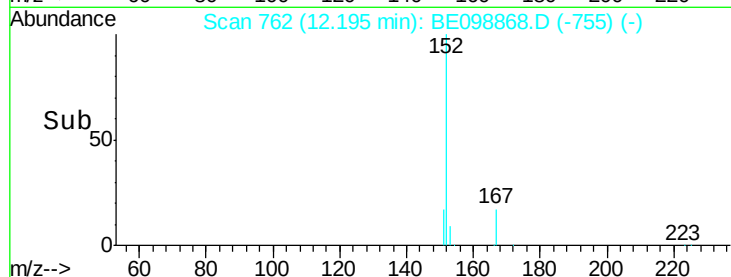
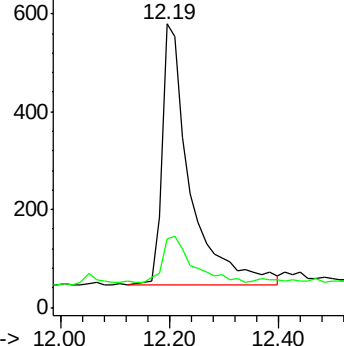
152 100

151 19.1 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: BE098868.D

Acq: 11 Mar 2019 18:55

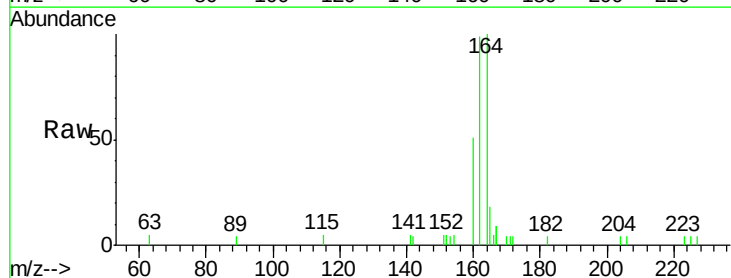
Tgt Ion:164 Resp: 2128

Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.2

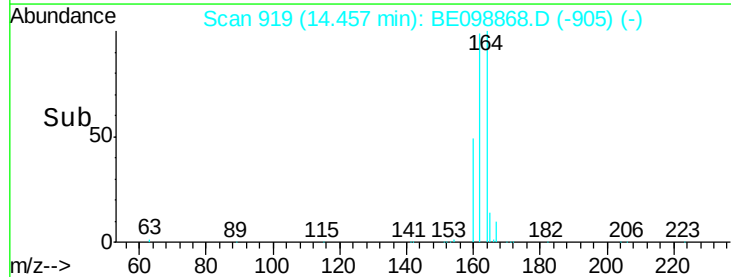
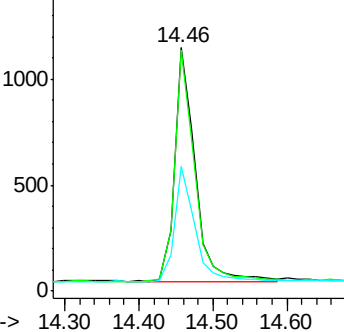
160 51.1 37.8 56.8

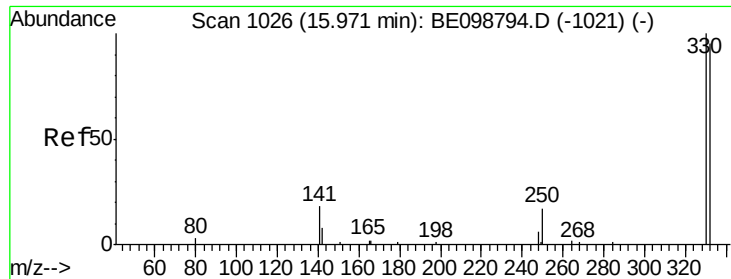


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

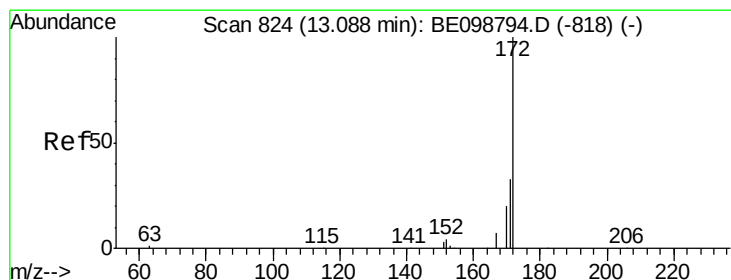
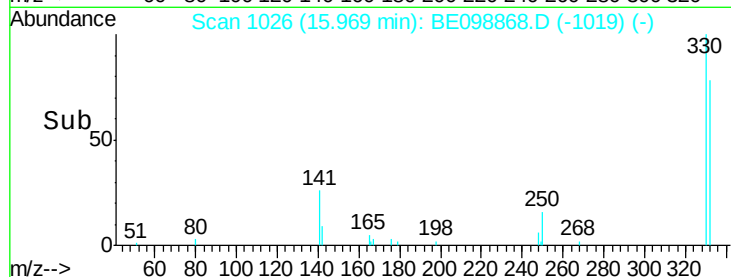
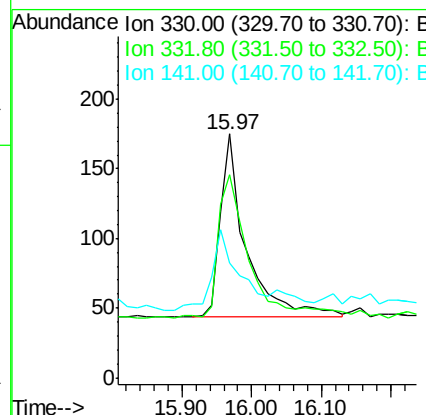
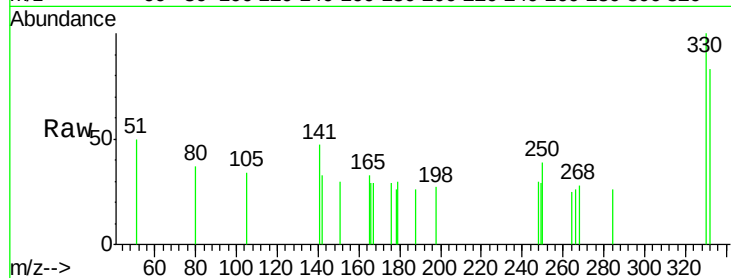




#14
 2,4,6-Tribromophenol
 Concen: 0.308 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098868.D
 Acq: 11 Mar 2019 18:55

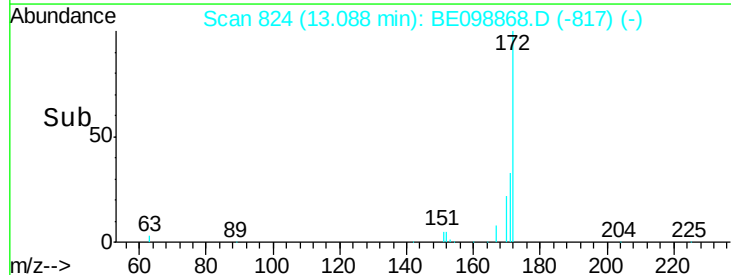
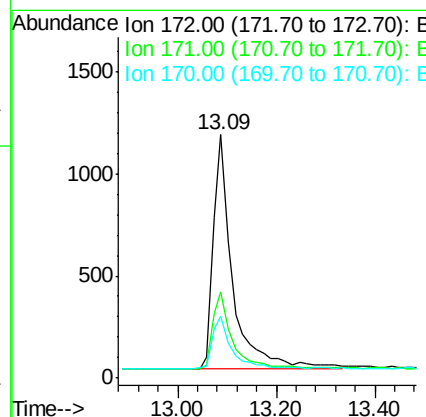
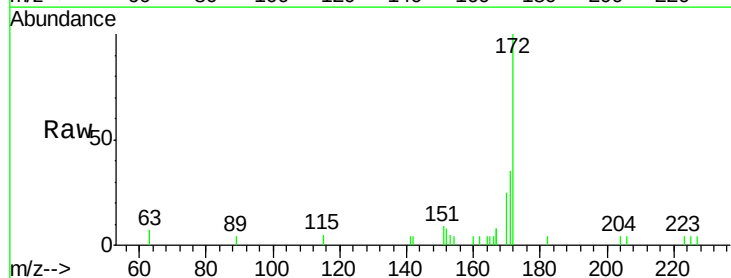
Instrument :
 BNA_E
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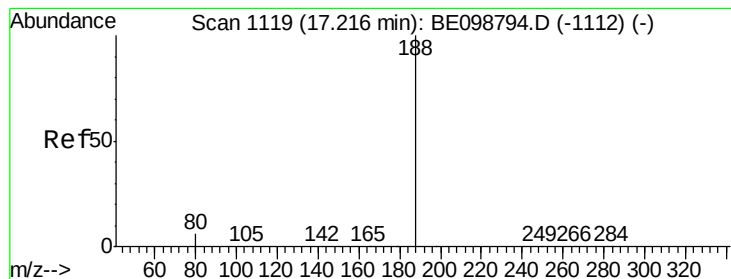
Tgt Ion:330 Resp: 331
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.6 116.4
 141 38.7 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.352 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098868.D
 Acq: 11 Mar 2019 18:55

Tgt Ion:172 Resp: 3103
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.0 42.0
 170 25.3 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: BE098868.D

Acq: 11 Mar 2019 18:55

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307

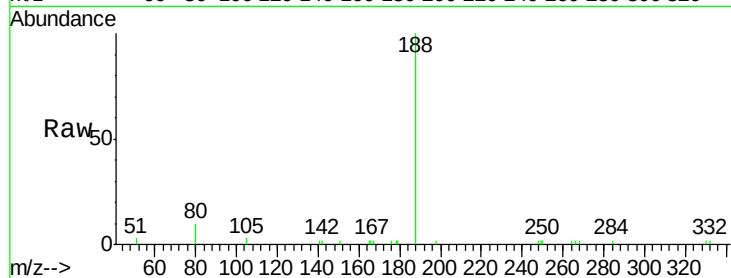
Tgt Ion:188 Resp: 5483

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

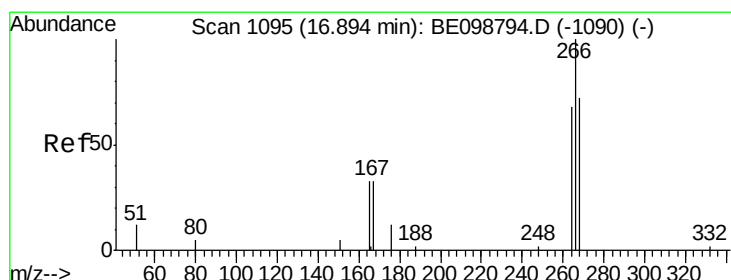
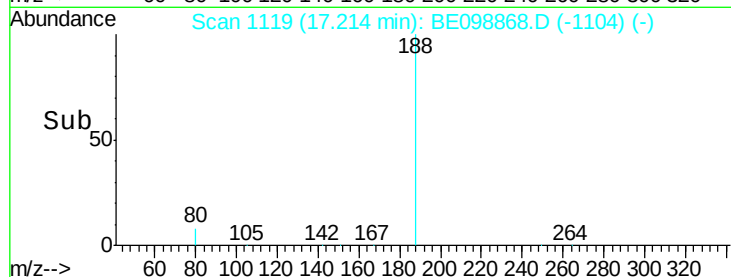
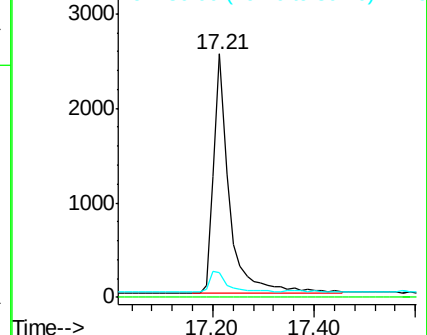
80 10.3 6.3 9.5#



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: 0.274 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098868.D

Acq: 11 Mar 2019 18:55

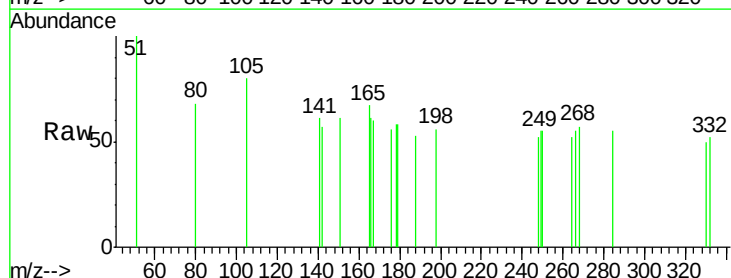
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 95.8 66.6 100.0

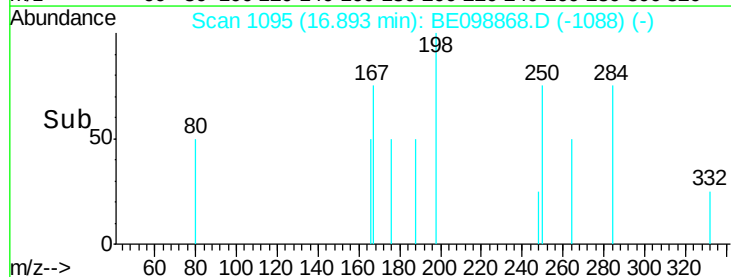
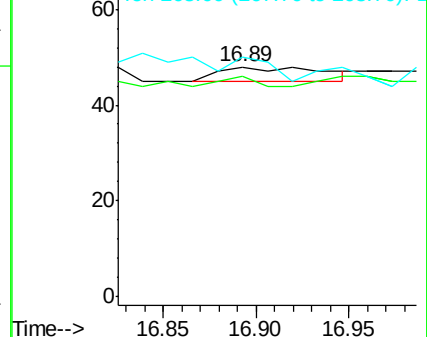
268 104.2 69.8 104.8

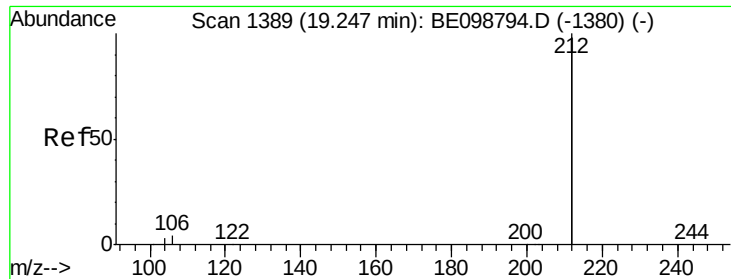


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.317 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098868.D

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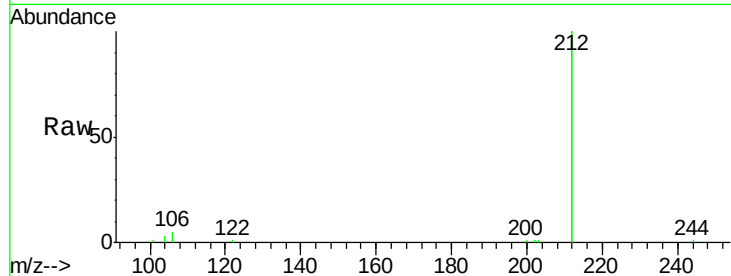
Tgt Ion:212 Resp: 27729

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

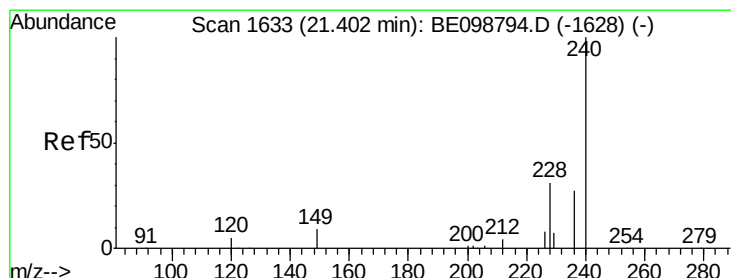
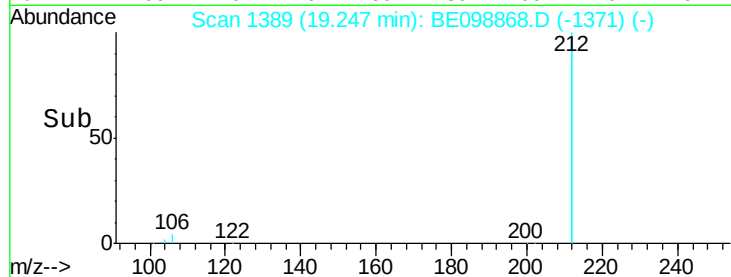
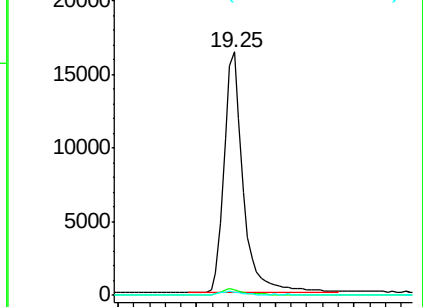
104 1.3 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098868.D

Acq: 11 Mar 2019 18:55

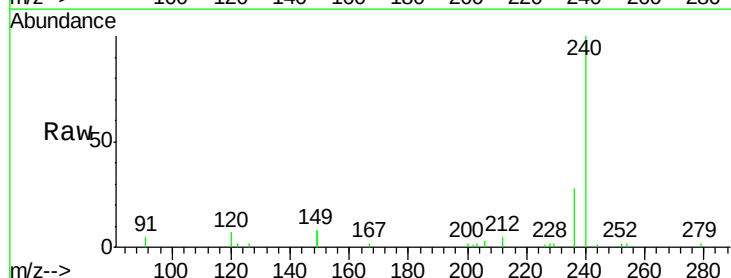
Tgt Ion:240 Resp: 6801

Ion Ratio Lower Upper

240 100

120 6.9 5.0 7.4

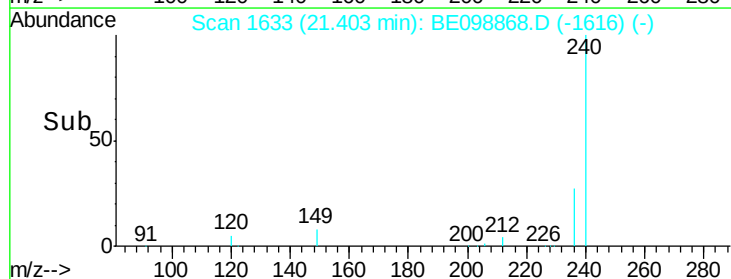
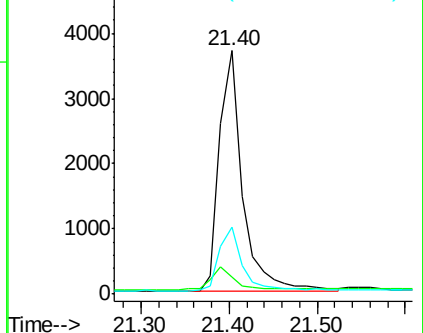
236 27.6 22.7 34.1

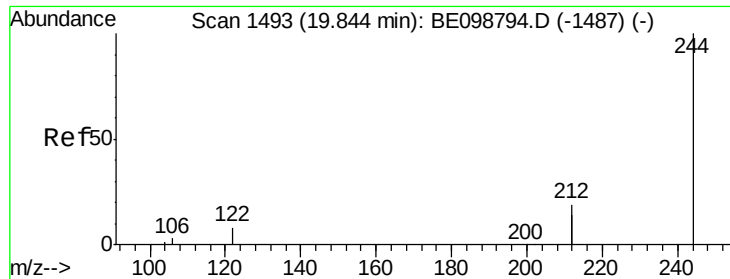


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098868.D

Acq: 11 Mar 2019 18:55

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307

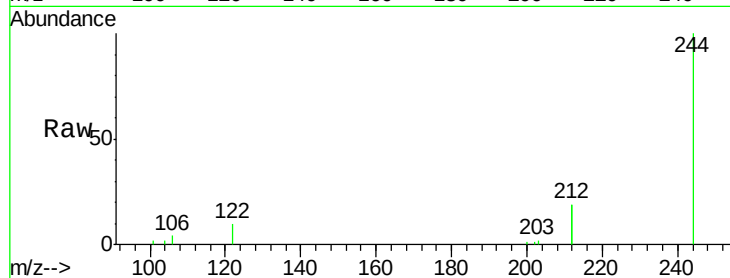
Tgt Ion:244 Resp: 6988

Ion Ratio Lower Upper

244 100

212 38.8 29.4 44.2

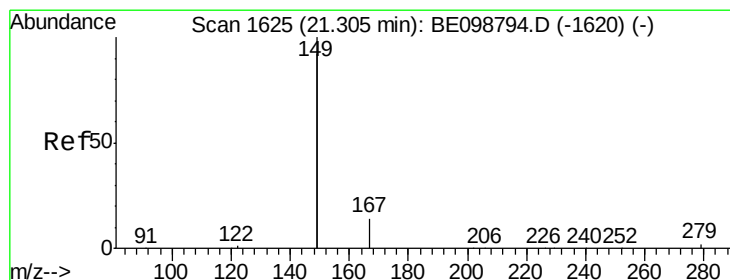
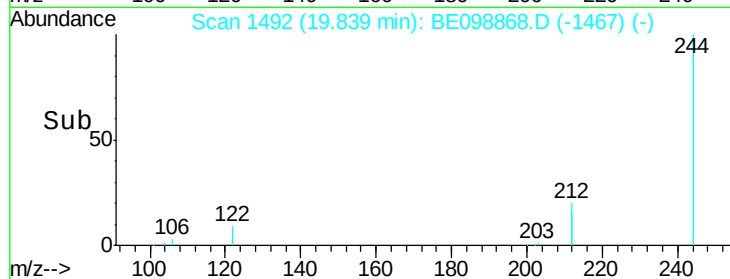
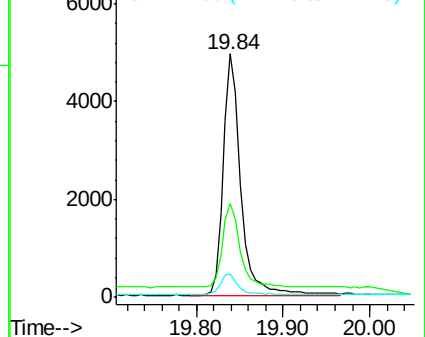
122 9.7 7.1 10.7



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: 0.116 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098868.D

Acq: 11 Mar 2019 18:55

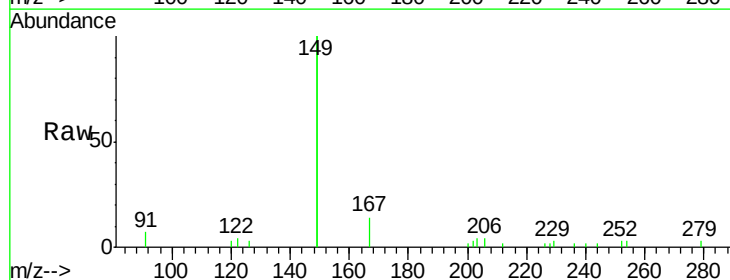
Tgt Ion:149 Resp: 5227

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

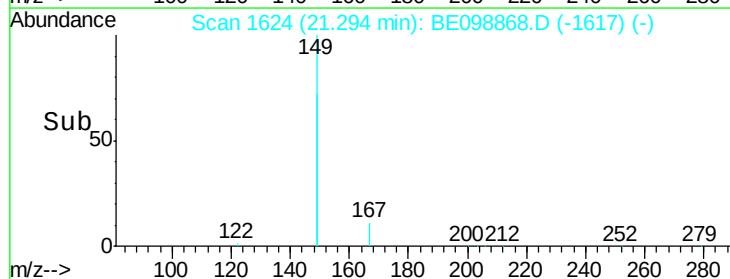
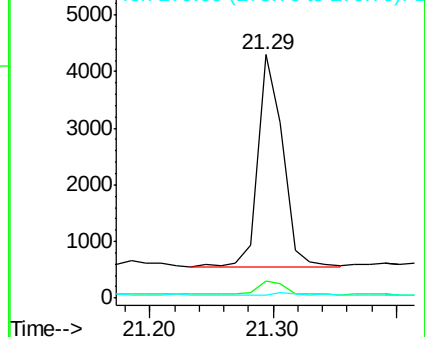
279 0.9 1.0 1.4#

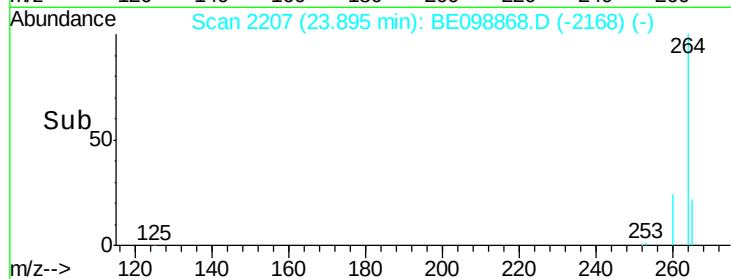
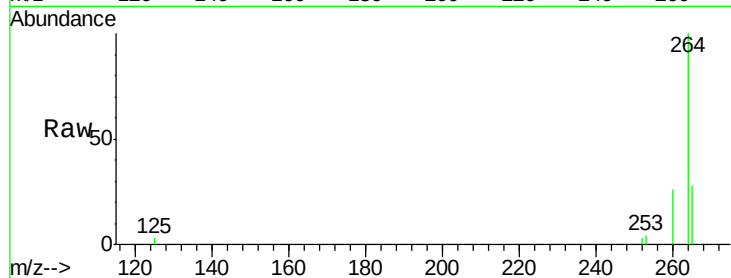
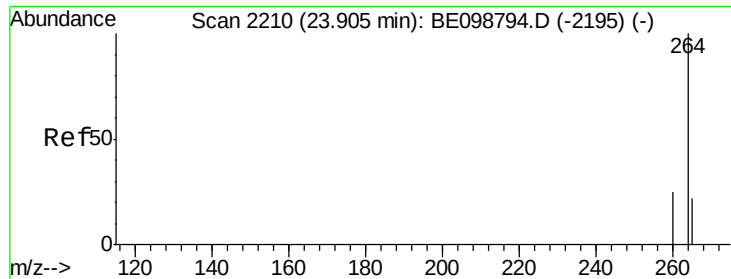


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.89 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098868.D

Acq: 11 Mar 2019 18:55

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307

Tgt Ion:264 Resp: 6891

Ion Ratio Lower Upper

264 100

260 25.6 21.2 31.8

265 27.6 24.6 36.8

