

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098866.D
 Acq On : 11 Mar 2019 17:40
 Operator : JU/SJ
 Sample : K1839-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D2-20190307

Quant Time: Mar 12 07:25:50 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

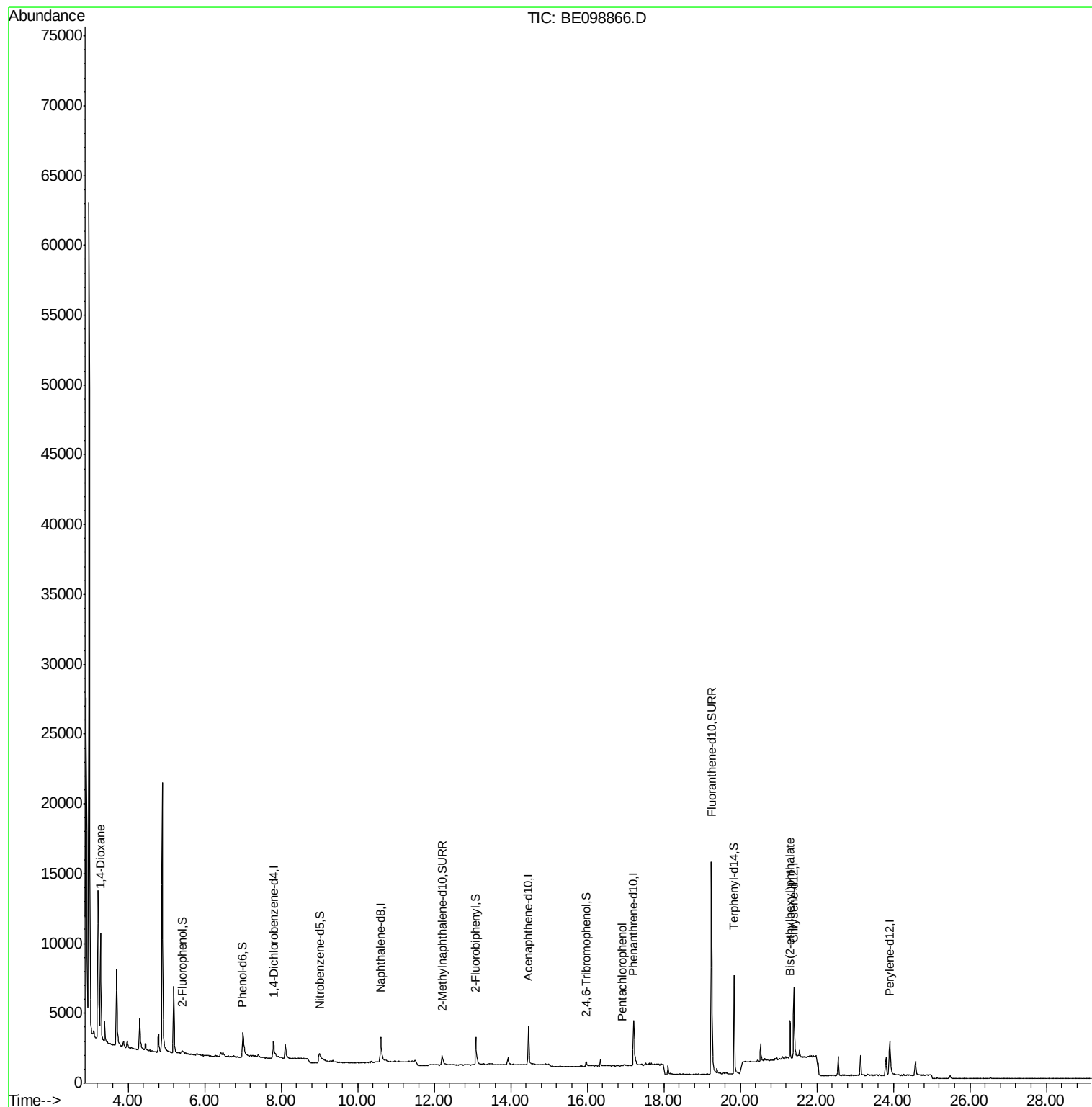
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	815	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3247	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2146	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6123	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6895	0.40	ng	0.00
34) Perylene-d12	23.91	264	4711	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	220	0.09	ng	0.04
5) Phenol-d6	6.97	99	274	0.08	ng	-0.01
8) Nitrobenzene-d5	9.00	82	796	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	1704	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	316	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2880	0.32	ng	0.00
25) Fluoranthene-d10	19.25	212	25079	0.26	ng	0.00
29) Terphenyl-d14	19.84	244	6988	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	4360	3.371	ng	98
22) Pentachlorophenol	16.92	266	10	0.272	ng	88
32) Bis(2-ethylhexyl)phthalate	21.29	149	4008	0.088	ng	# 100

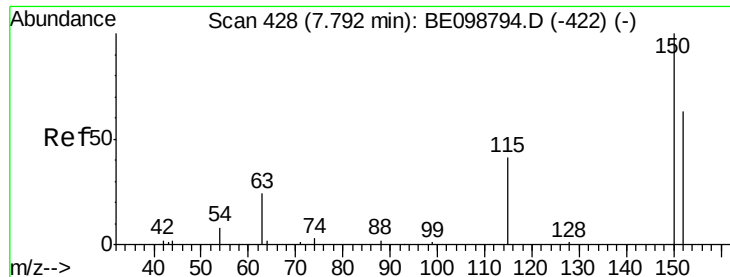
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098866.D

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Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307

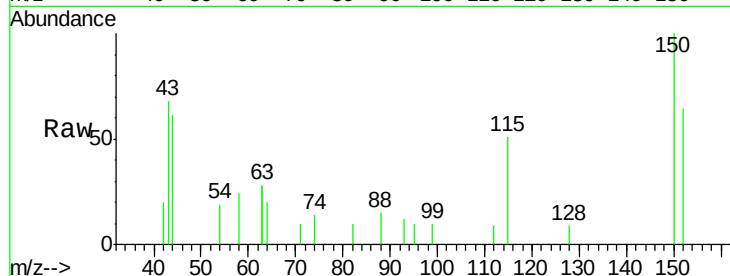
Tgt Ion:152 Resp: 815

Ion Ratio Lower Upper

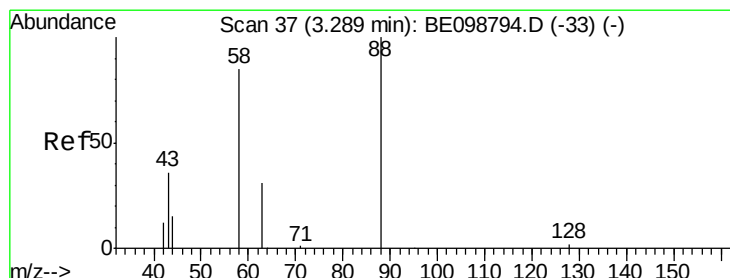
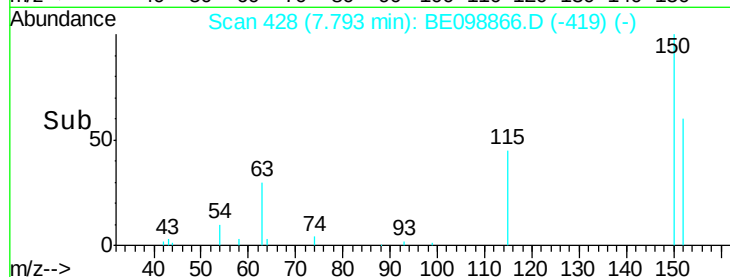
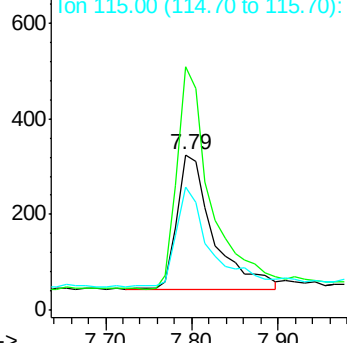
152 100

150 156.3 122.5 183.7

115 79.1 57.4 86.2



Abundance Ion 152.00 (151.70 to 152.70): E



#2

1,4-Dioxane

Concen: 3.371 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

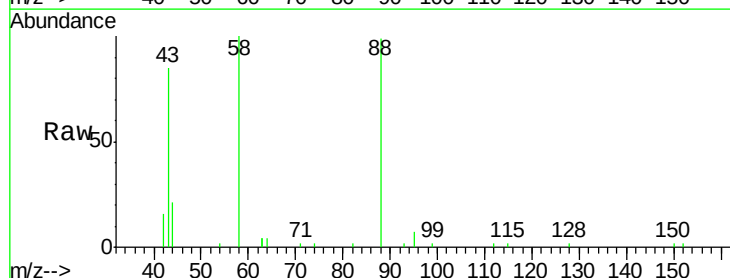
Tgt Ion: 88 Resp: 4360

Ion Ratio Lower Upper

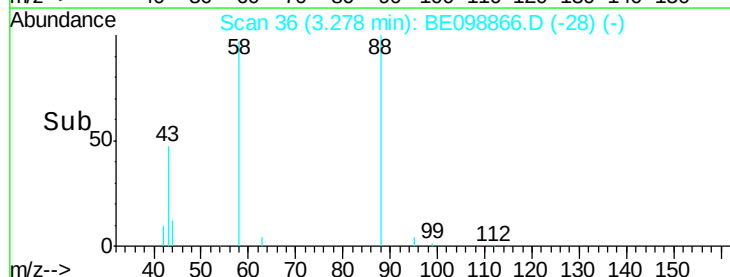
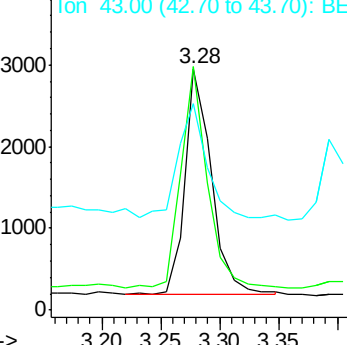
88 100

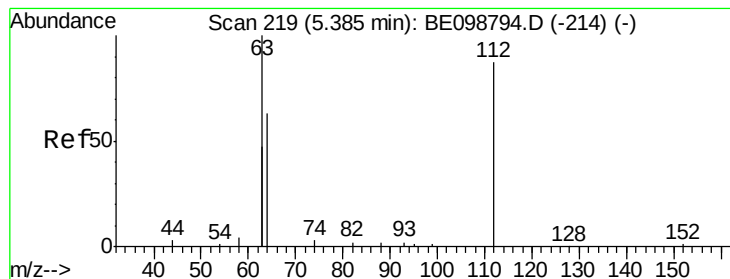
58 96.9 75.8 113.6

43 52.9 41.8 62.8



Abundance Ion 88.00 (87.70 to 88.70): BE0





#4

2-Fluorophenol

Concen: 0.090 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307

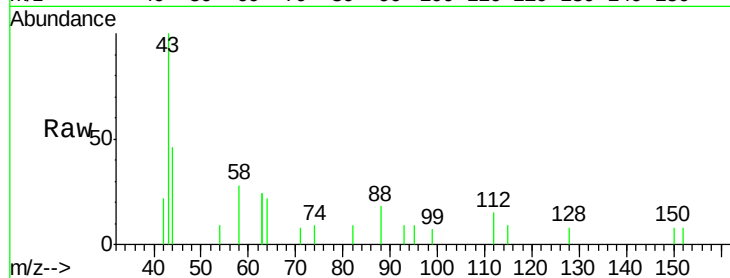
Tgt Ion: 112 Resp: 220

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

63 160.9 158.3 237.5



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

Time-->

5.30 5.40 5.50

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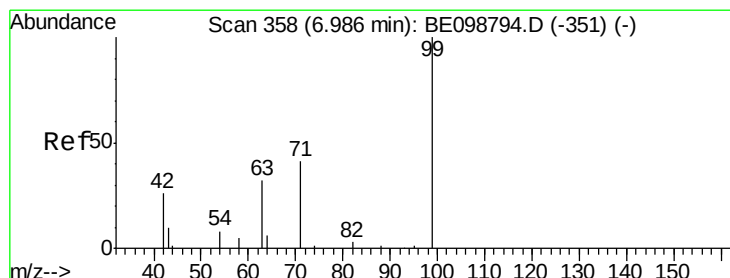
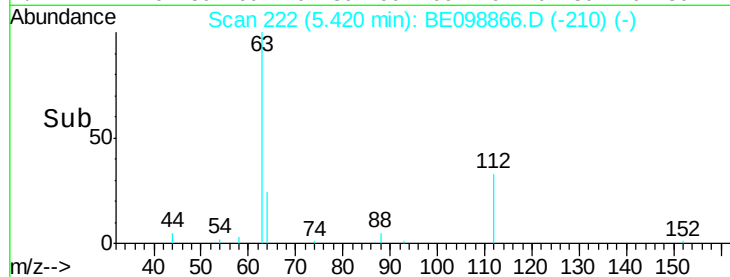
5.42

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5.42



#5

Phenol-d6

Concen: 0.080 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

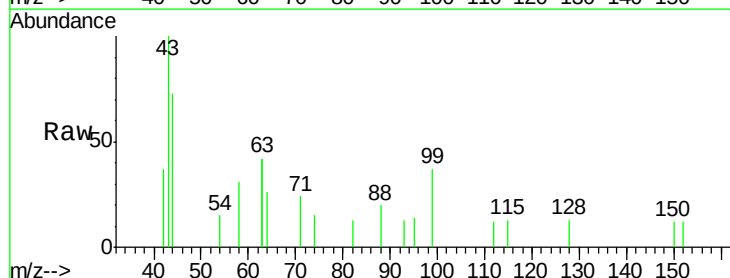
Tgt Ion: 99 Resp: 274

Ion Ratio Lower Upper

99 100

42 80.3 24.2 36.2#

71 31.8 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

Time-->

6.90 7.00 7.10 7.20

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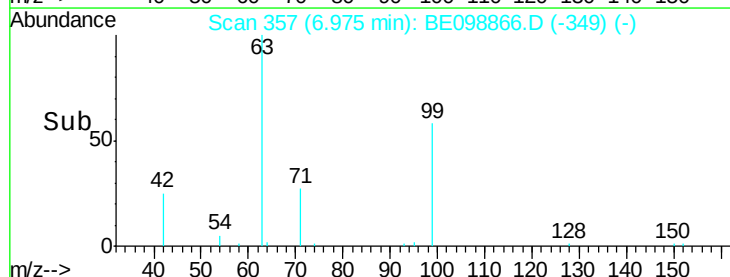
6.97

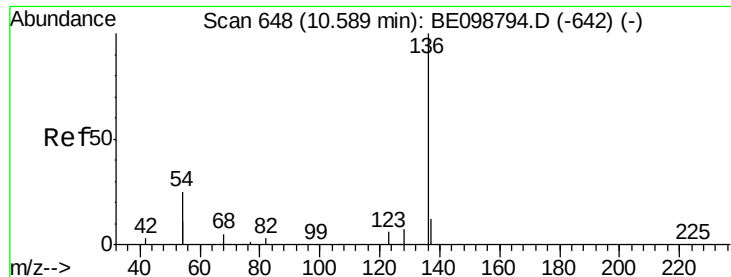
6.97

6.97

6.97

6.97





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307

Tgt Ion: 136 Resp: 3247

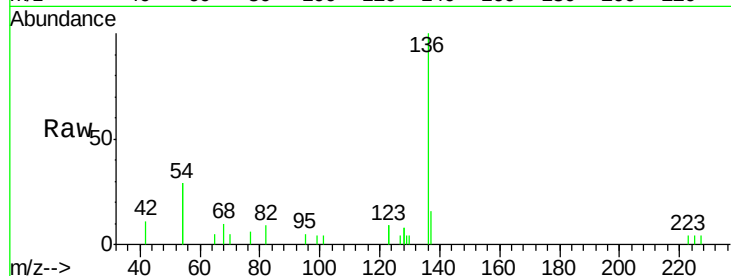
Ion Ratio Lower Upper

136 100

137 16.1 11.4 17.0

54 57.4 39.3 58.9

68 9.7 6.7 10.1

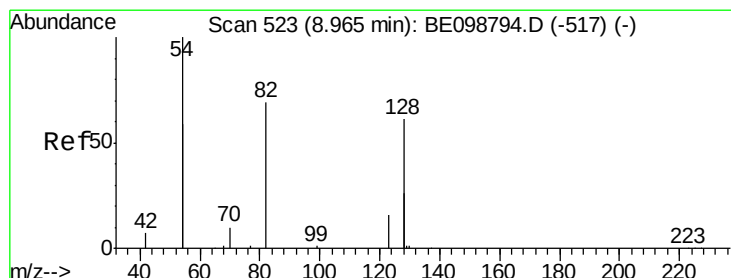
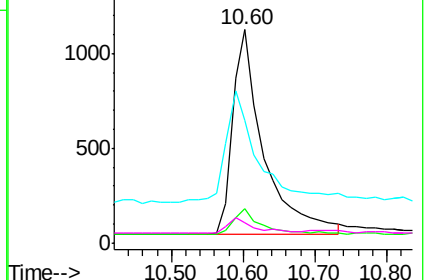
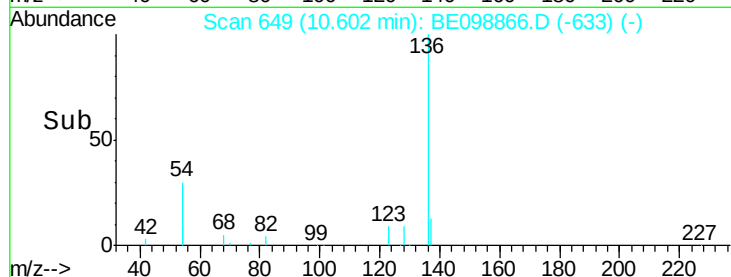


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.234 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

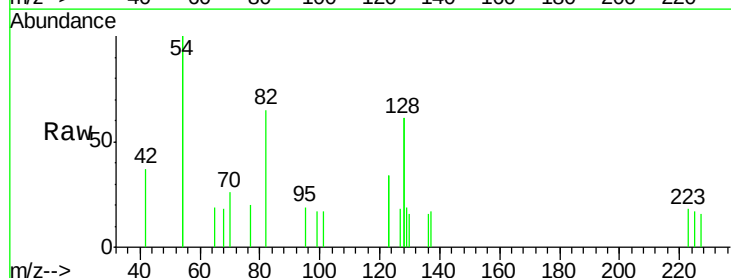
Tgt Ion: 82 Resp: 796

Ion Ratio Lower Upper

82 100

128 187.8 123.8 185.8#

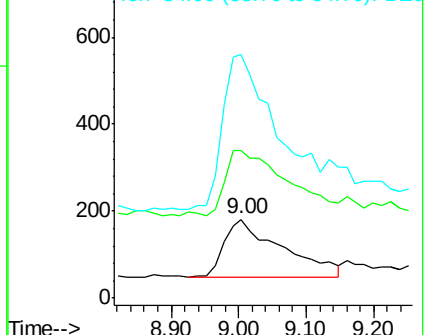
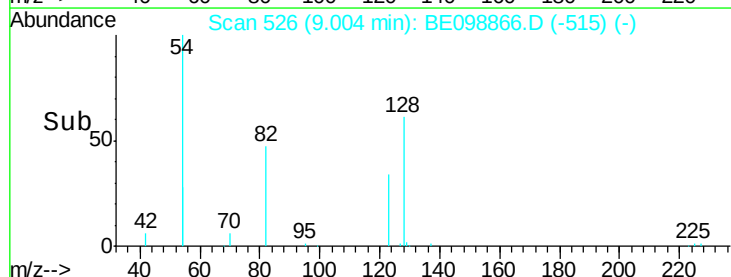
54 309.4 203.4 305.2#

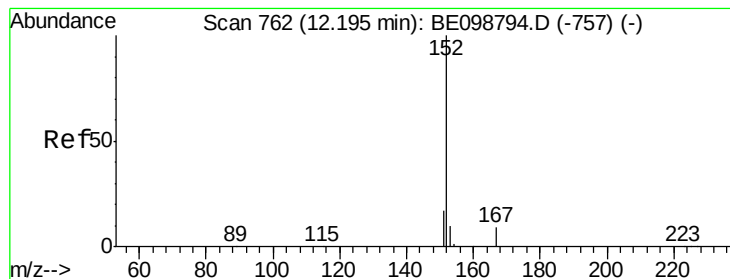


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.284 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

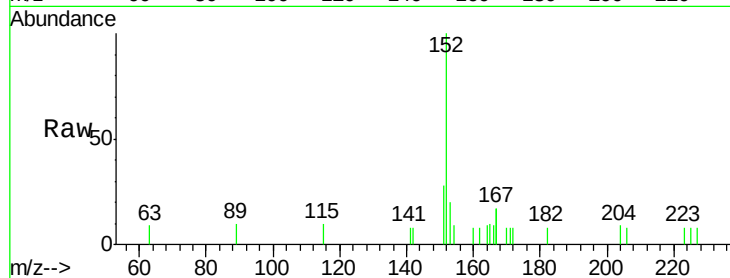
RE109D2-20190307

Tgt Ion:152 Resp: 1704

Ion Ratio Lower Upper

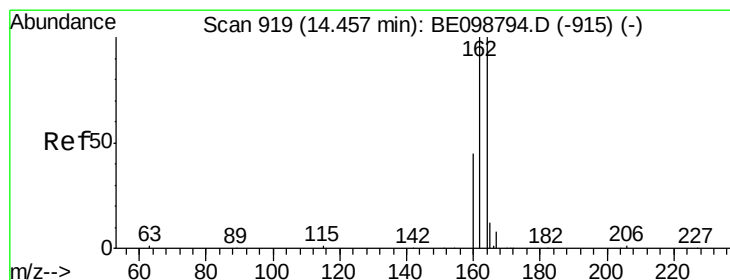
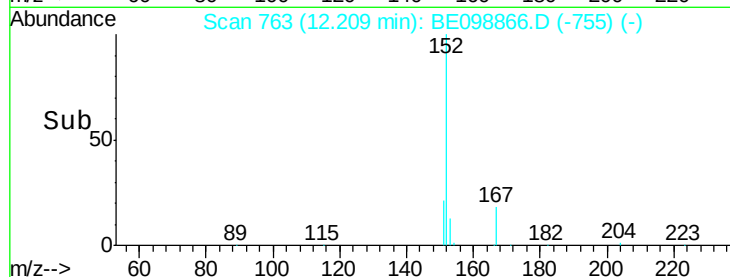
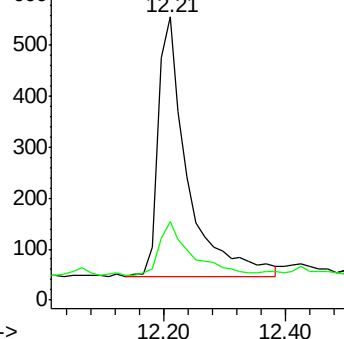
152 100

151 22.7 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: BE098866.D

Acq: 11 Mar 2019 17:40

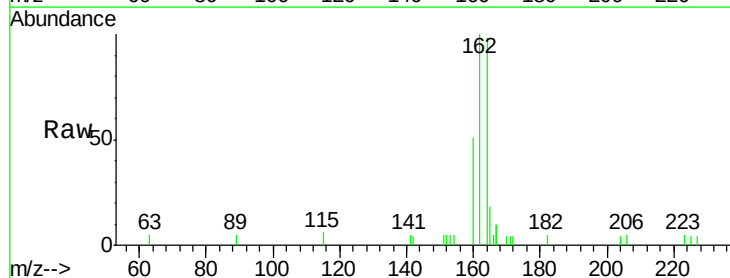
Tgt Ion:164 Resp: 2146

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

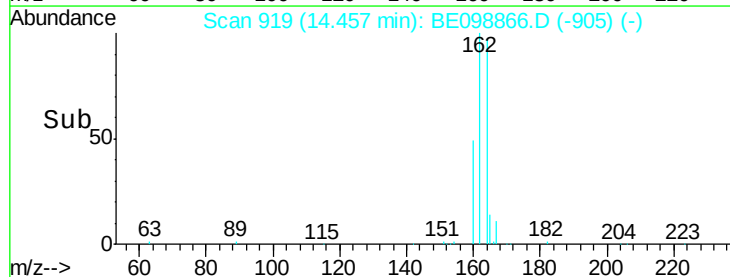
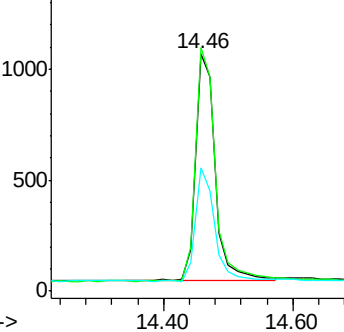
160 52.1 37.8 56.8

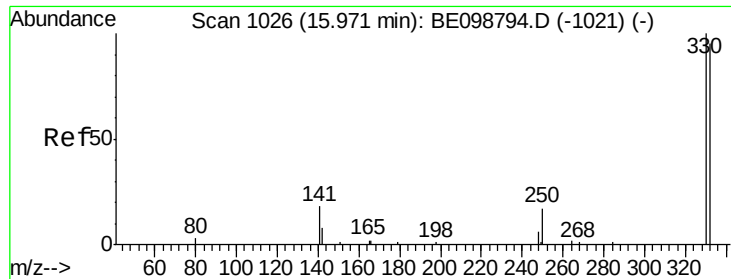


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

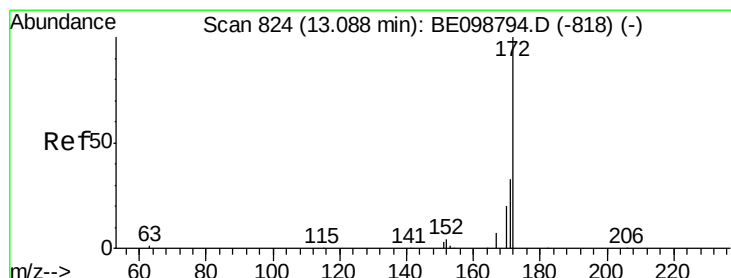
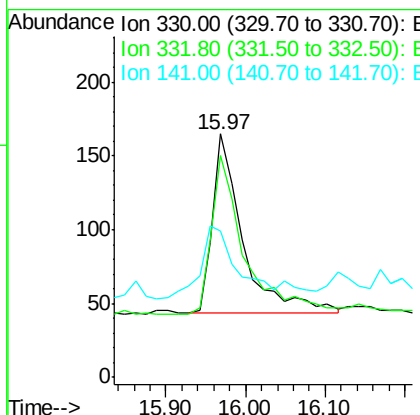
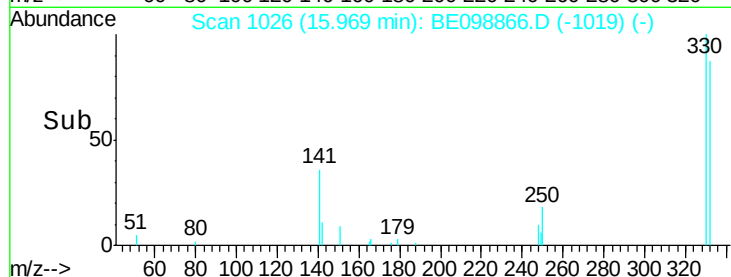
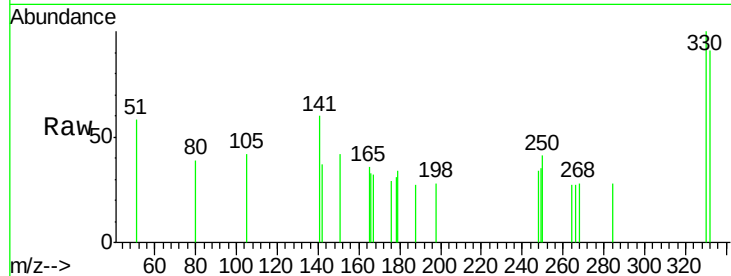




#14
 2,4,6-Tribromophenol
 Concen: 0.292 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098866.D
 Acq: 11 Mar 2019 17:40

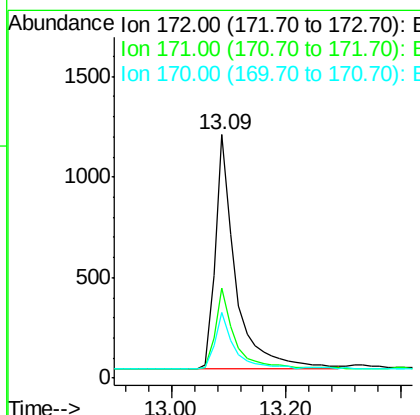
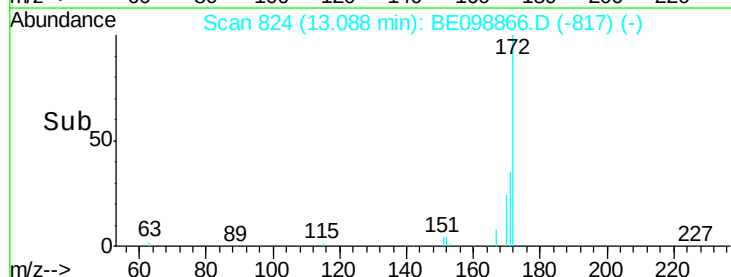
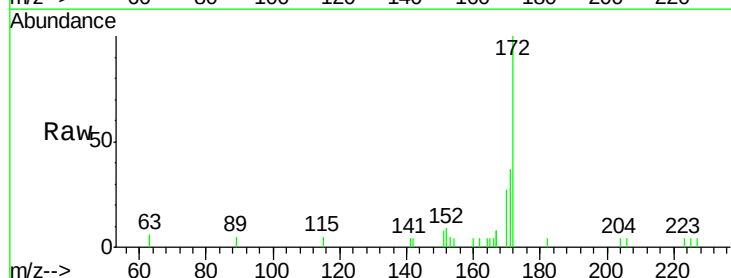
Instrument :
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 RE109D2-20190307

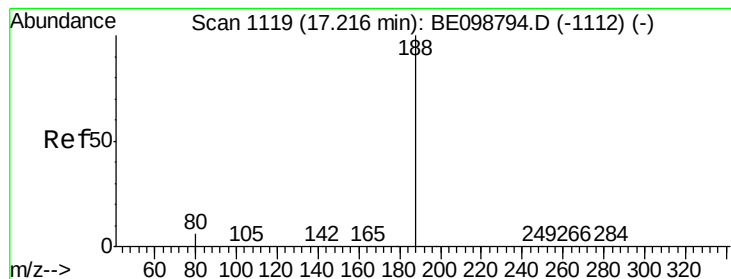
Tgt Ion: 330 Resp: 316
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.6 116.4
 141 47.5 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.324 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098866.D
 Acq: 11 Mar 2019 17:40

Tgt Ion: 172 Resp: 2880
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.0 42.0
 170 26.8 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: BE098866.D

Acq: 11 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307

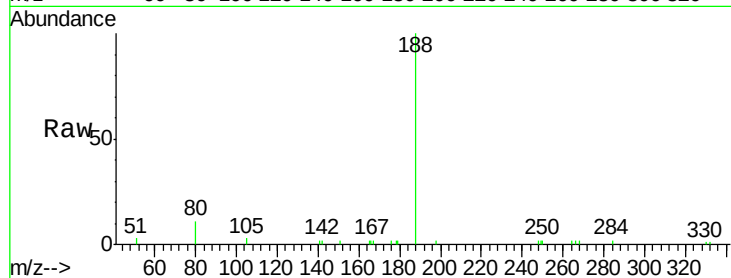
Tgt Ion:188 Resp: 6123

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

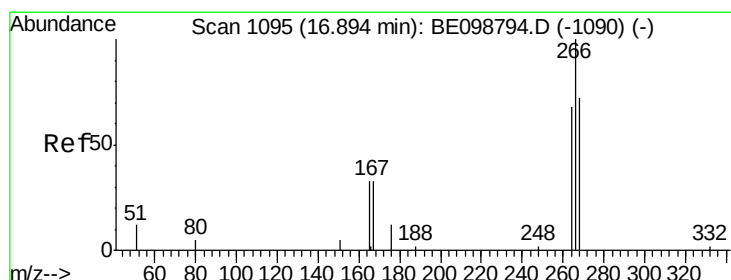
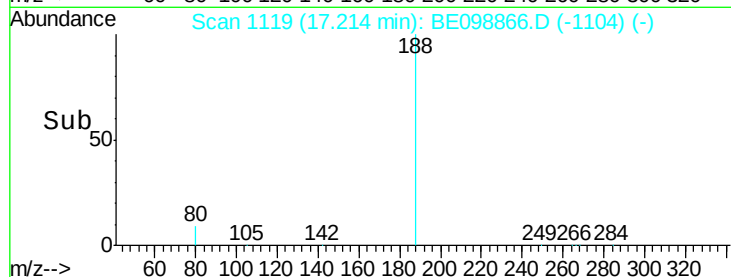
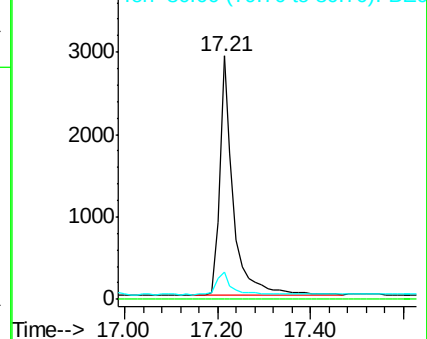
80 11.0 6.3 9.5#



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: 0.272 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

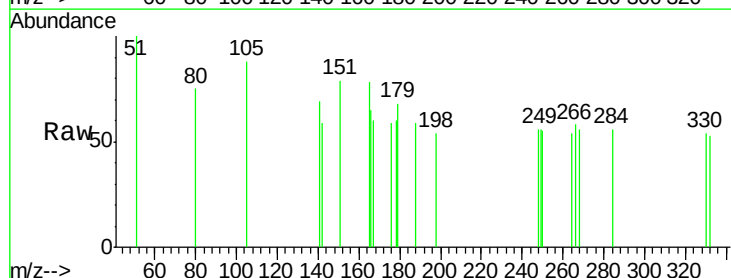
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 93.9 66.6 100.0

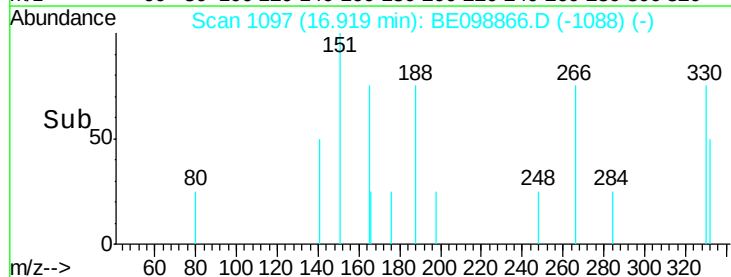
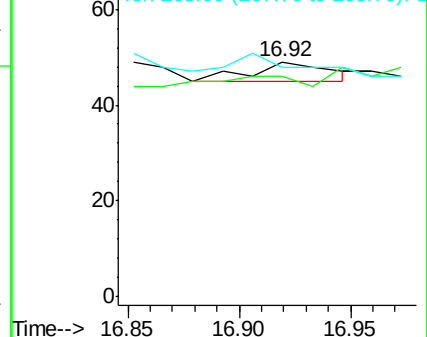
268 98.0 69.8 104.8

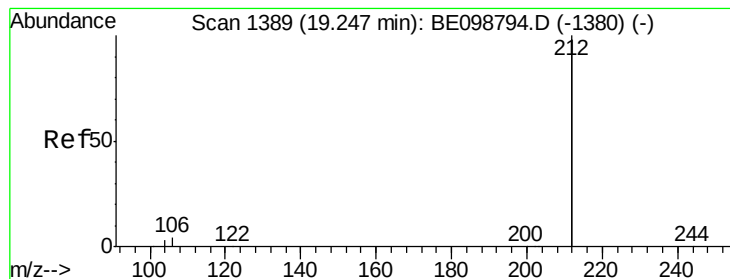


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.257 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

Instrument :

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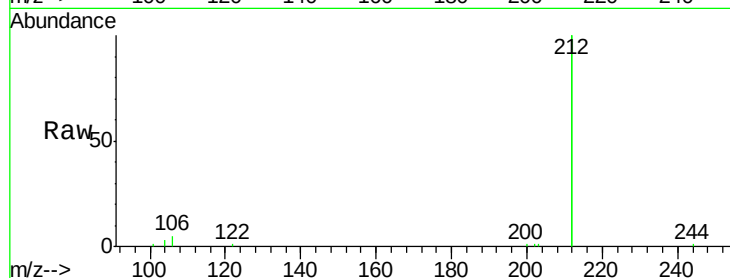
Tgt Ion:212 Resp: 25079

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

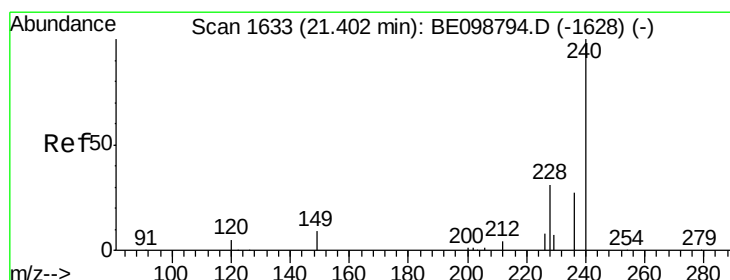
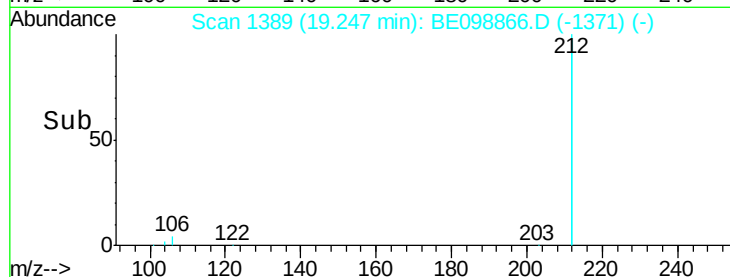
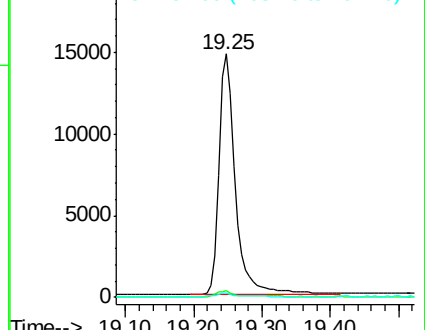
104 1.4 1.0 1.6



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: BE098866.D

Acq: 11 Mar 2019 17:40

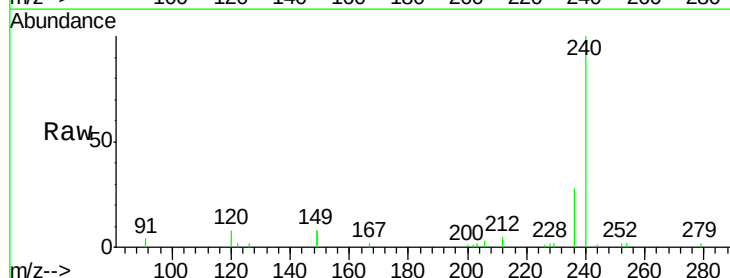
Tgt Ion:240 Resp: 6895

Ion Ratio Lower Upper

240 100

120 7.5 5.0 7.4#

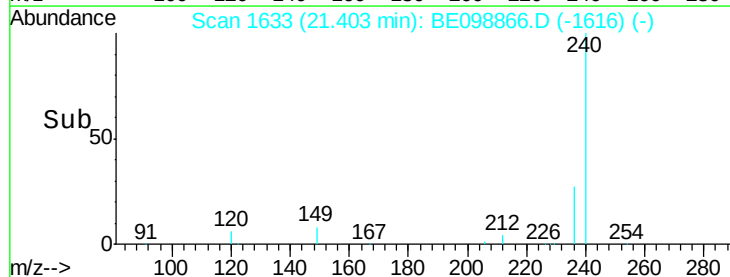
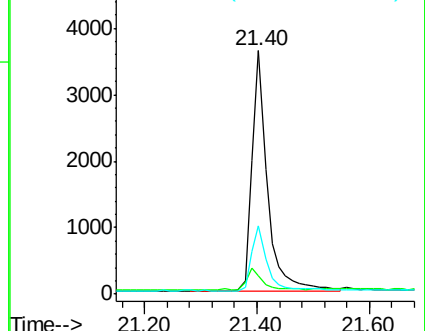
236 28.3 22.7 34.1

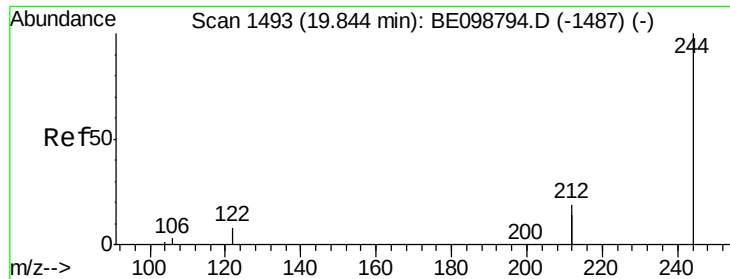


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307

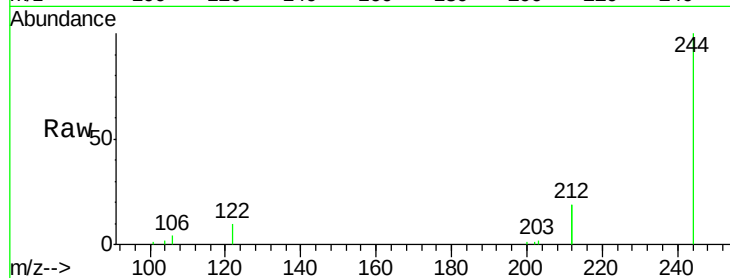
Tgt Ion:244 Resp: 6988

Ion Ratio Lower Upper

244 100

212 38.7 29.4 44.2

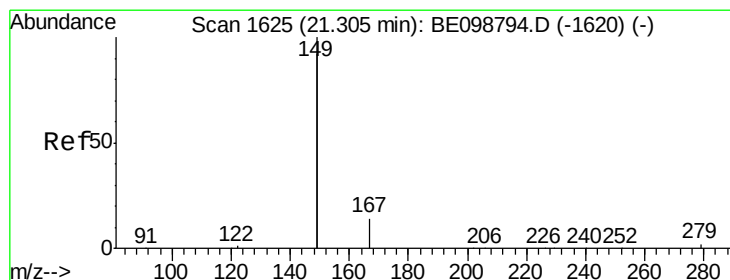
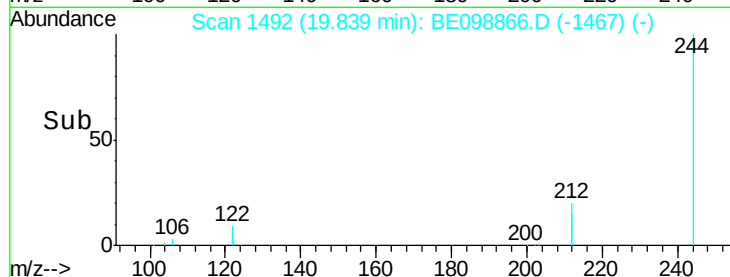
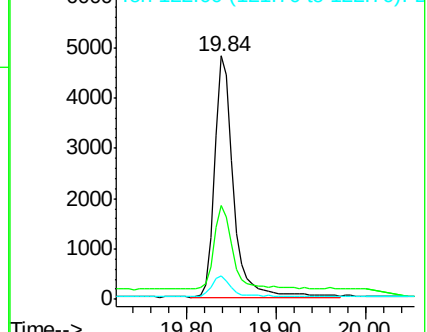
122 9.7 7.1 10.7



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: 0.088 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

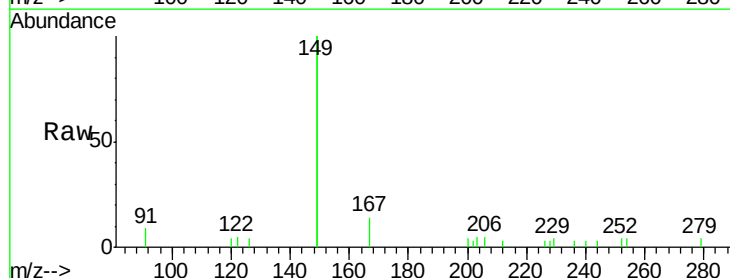
Tgt Ion:149 Resp: 4008

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

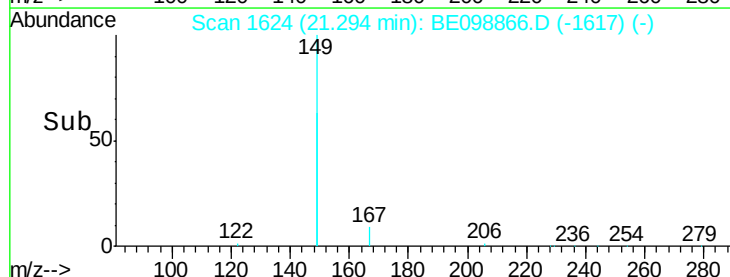
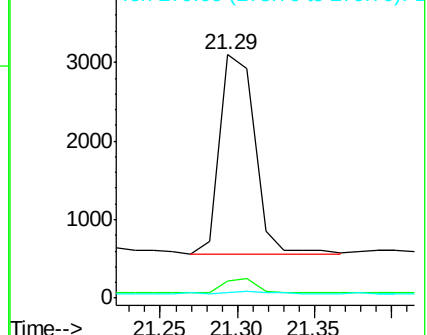
279 1.9 1.0 1.4#

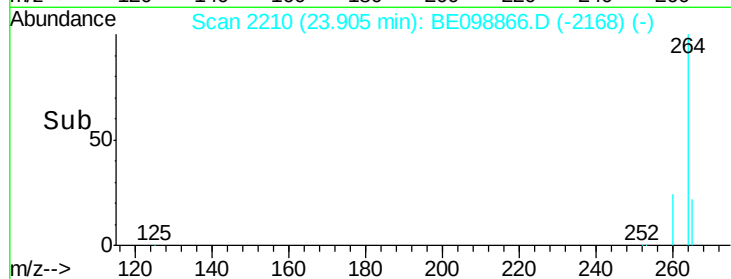
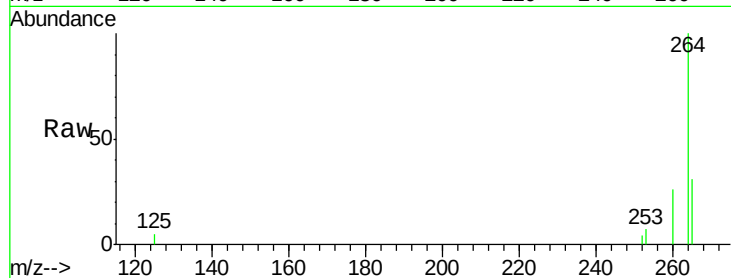
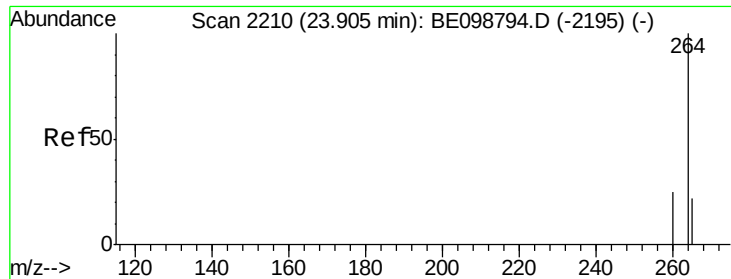


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.91 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BE098866.D

Acq: 11 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

RE109D2-20190307

Tgt Ion:264 Resp: 4711

Ion Ratio Lower Upper

264 100

260 25.7 21.2 31.8

265 31.1 24.6 36.8

