

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098852.D
 Acq On : 9 Mar 2019 3:21
 Operator : JU/SJ
 Sample : K1793-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190306

Quant Time: Mar 09 05:36:17 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

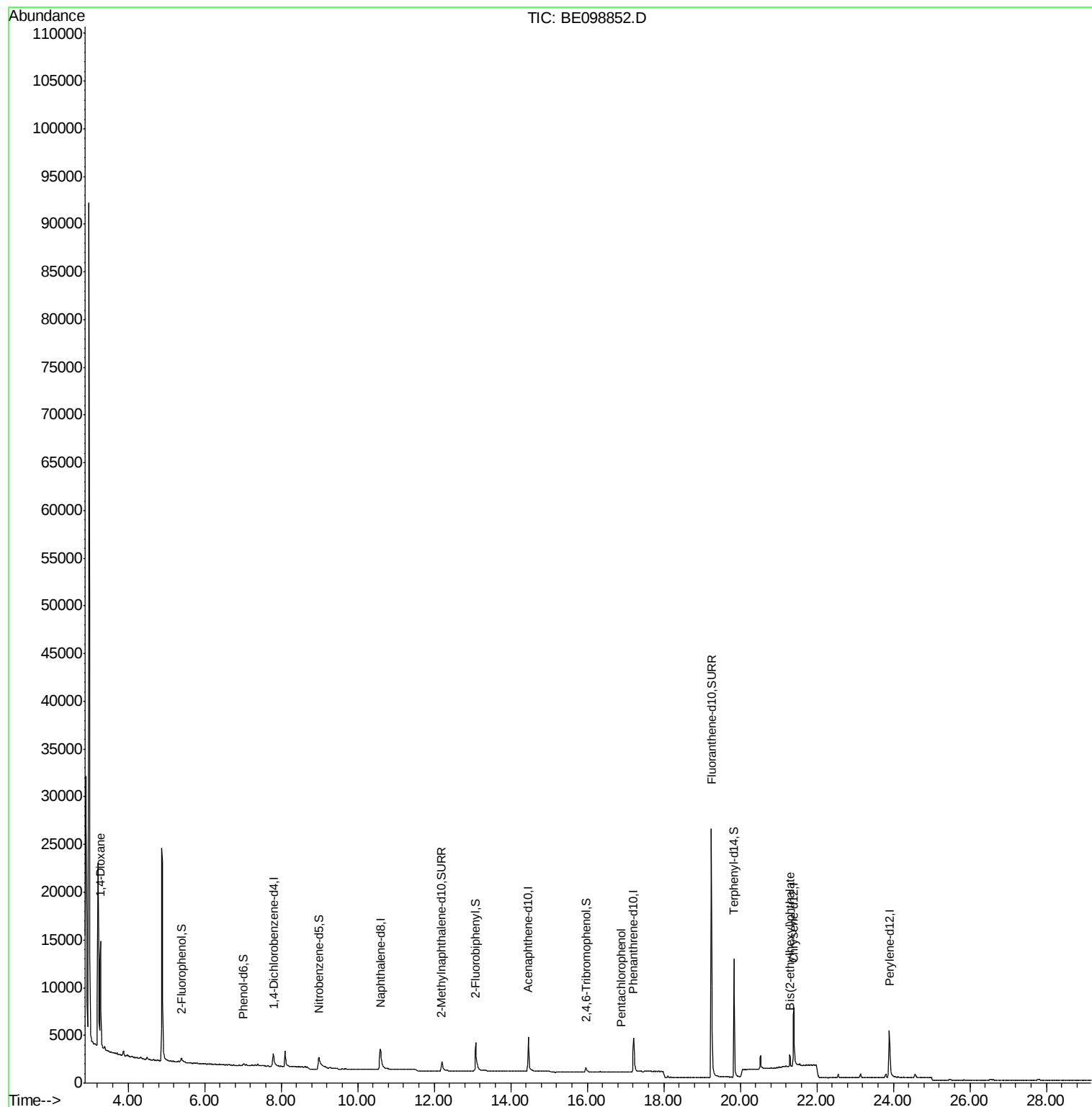
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	935	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3917	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2787	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7146	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8847	0.40	ng	0.00
34) Perylene-d12	23.90	264	8582	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	416	0.15	ng	0.00
5) Phenol-d6	7.01	99	343	0.09	ng	0.03
8) Nitrobenzene-d5	8.98	82	1508	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2721	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	562	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5001	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	41673	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	11283	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	6693	4.545	ng	97
22) Pentachlorophenol	16.89	266	3	0.266	ng	89
32) Bis(2-ethylhexyl)phthalate	21.29	149	1710	0.029	ng	# 94

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

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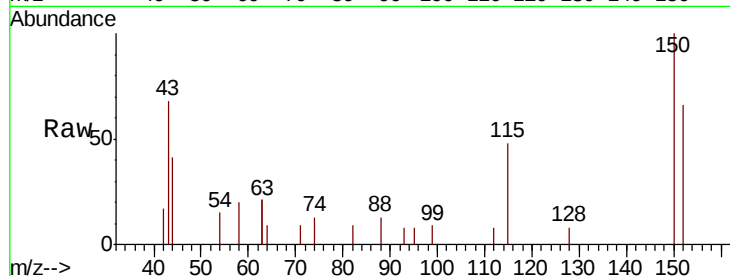


#1

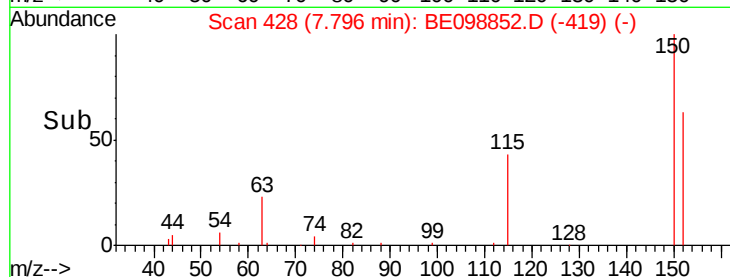
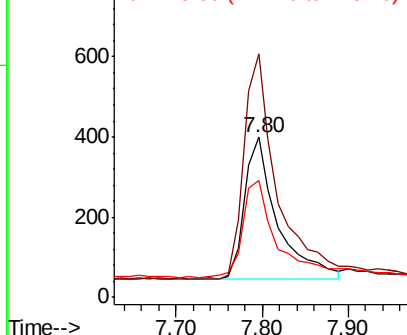
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Instrument :
BNA_E
ClientSampleId :
RE108D1-20190306

Tot Ion:152 Resp: 935
Ion Ratio Lower Upper
152 100
150 151.7 122.5 183.7
115 73.3 57.4 86.2



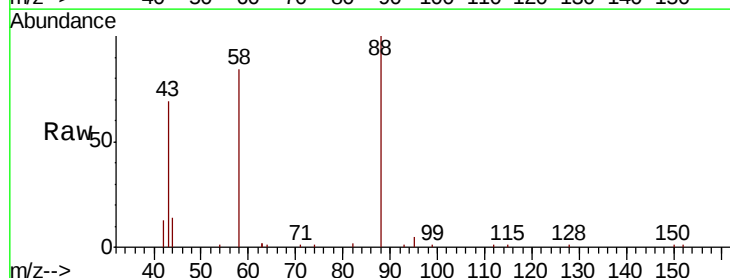
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



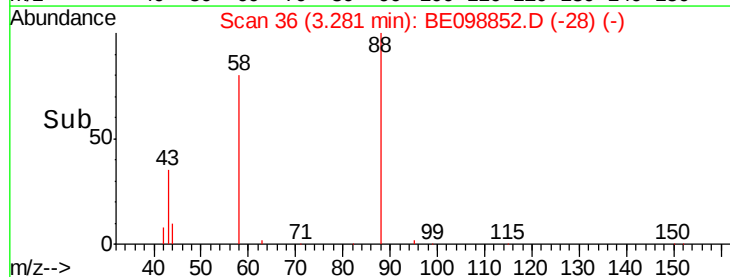
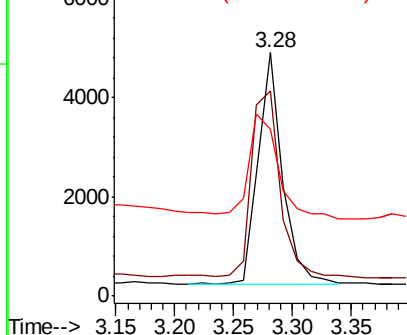
#2

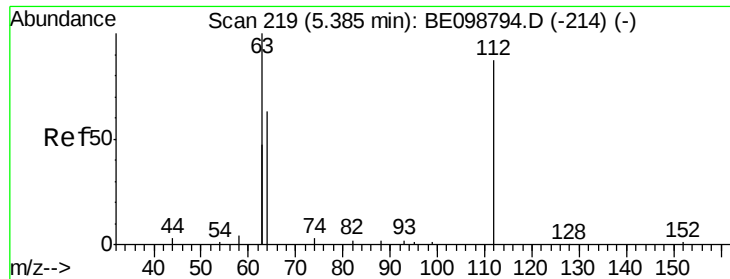
1,4-Dioxane
Concen: 4.545 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Tgt Ion: 88 Resp: 6693
Ion Ratio Lower Upper
88 100
58 93.2 75.8 113.6
43 56.8 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: 0.149 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098852.D

Acq: 9 Mar 2019 3:21

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190306

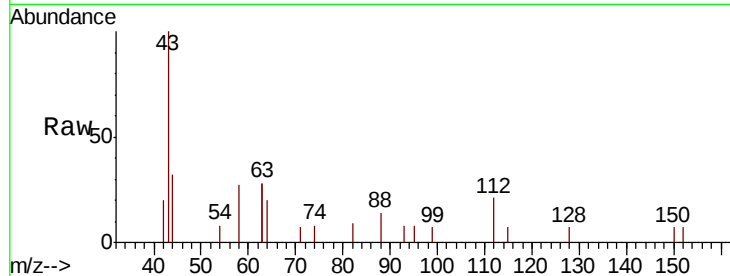
Tot Ion:112 Resp: 416

Ion Ratio Lower Upper

112 100

64 88.9 57.9 86.9#

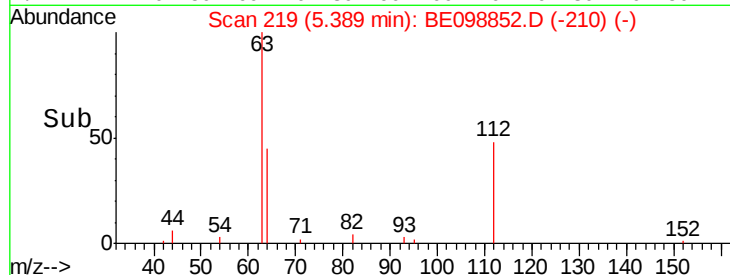
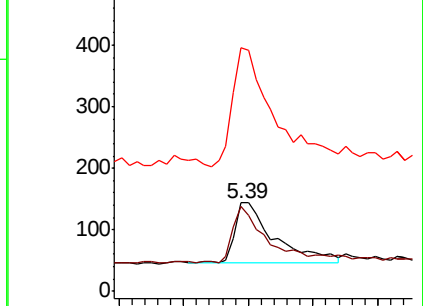
63 211.5 158.3 237.5



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: 0.087 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098852.D

Acq: 9 Mar 2019 3:21

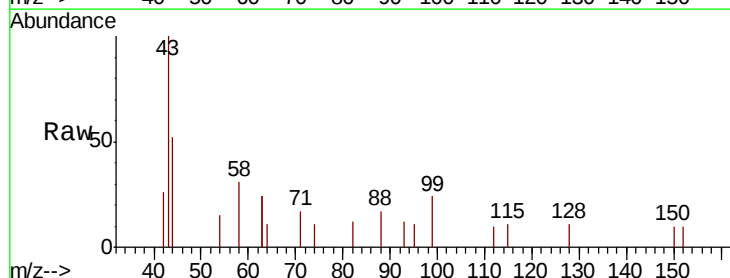
Tgt Ion: 99 Resp: 343

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

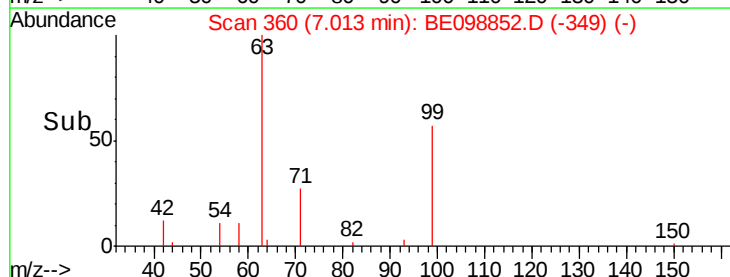
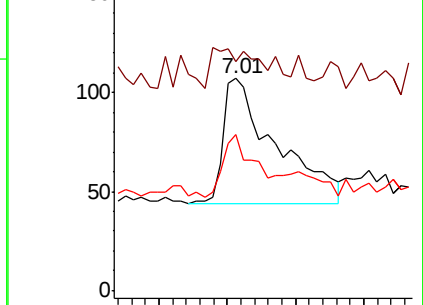
71 30.6 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098852.D

Acq: 9 Mar 2019 3:21

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190306

Tot Ion:136 Resp: 3917

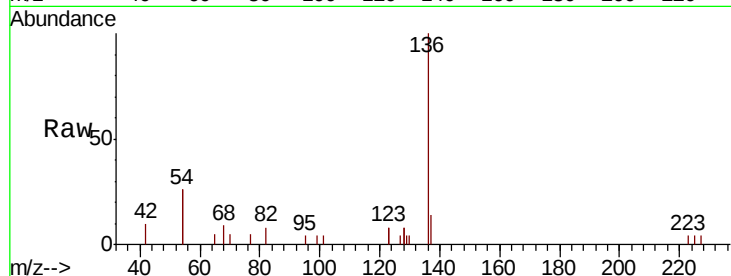
Ion Ratio Lower Upper

136 100

137 14.3 11.4 17.0

54 51.1 39.3 58.9

68 8.8 6.7 10.1

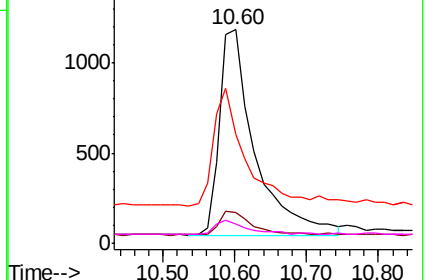
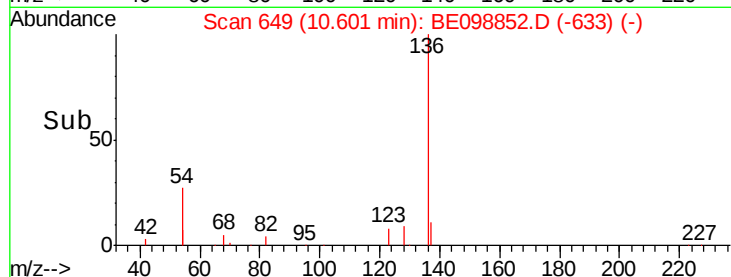


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098852.D

Acq: 9 Mar 2019 3:21

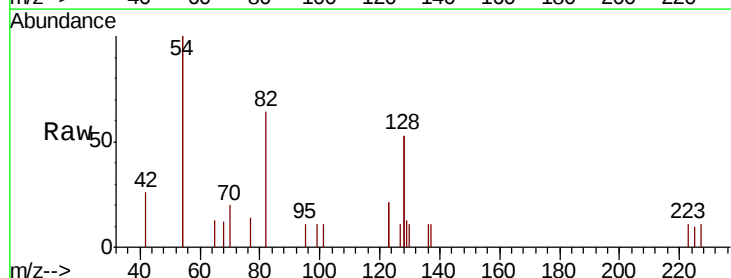
Tgt Ion: 82 Resp: 1508

Ion Ratio Lower Upper

82 100

128 166.3 123.8 185.8

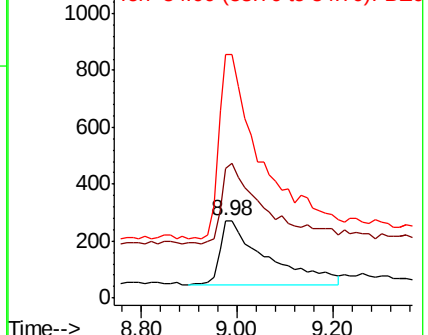
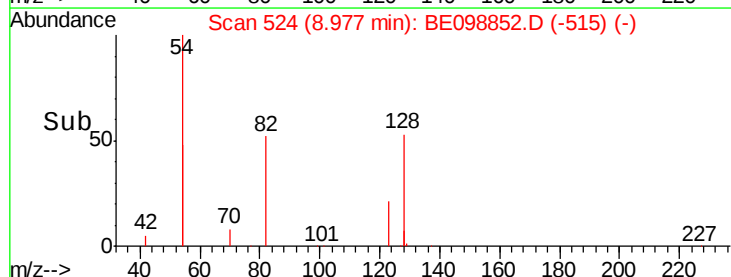
54 312.8 203.4 305.2#

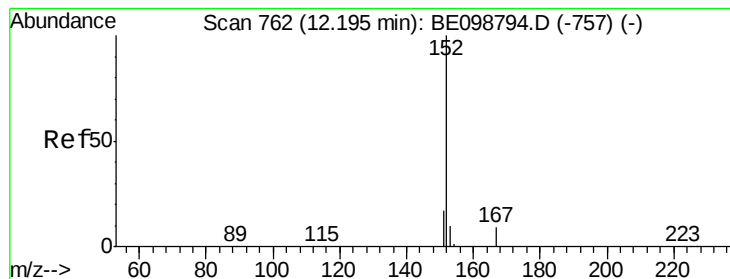


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098852.D

Acq: 9 Mar 2019 3:21

Instrument :

BNA_E

ClientSampleId :

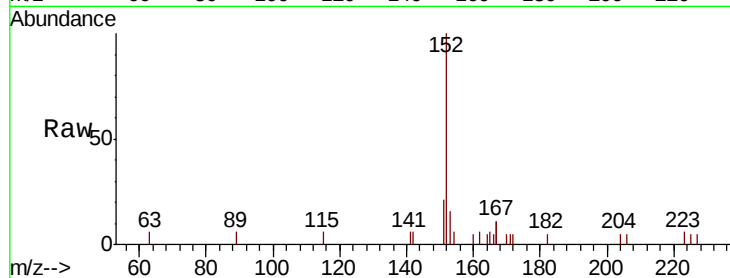
RE108D1-20190306

Tot Ion:152 Resp: 2721

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

12.19

800

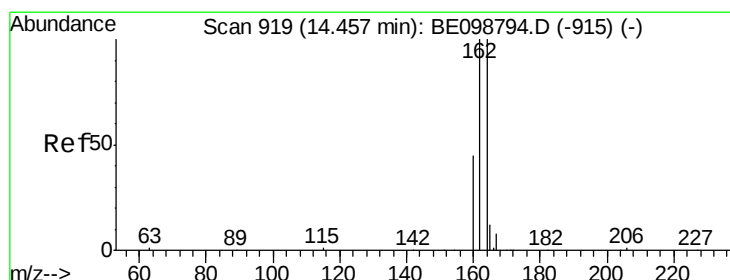
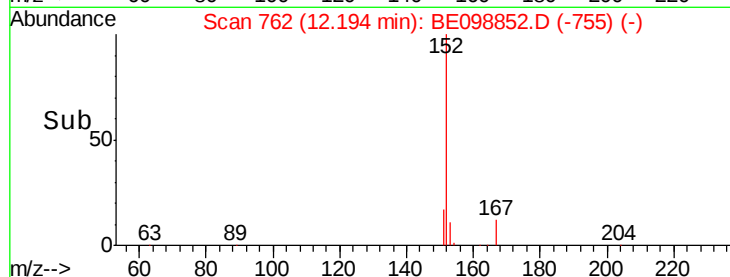
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098852.D

Acq: 9 Mar 2019 3:21

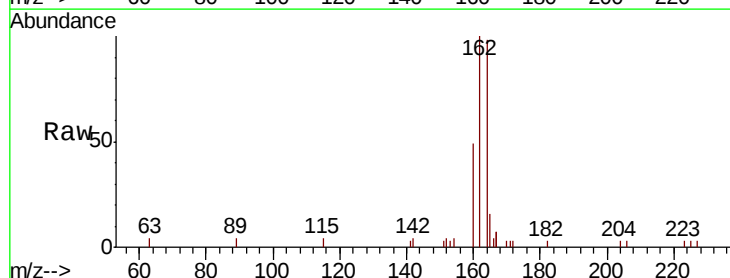
Tgt Ion:164 Resp: 2787

Ion Ratio Lower Upper

164 100

162 102.2 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

14.46

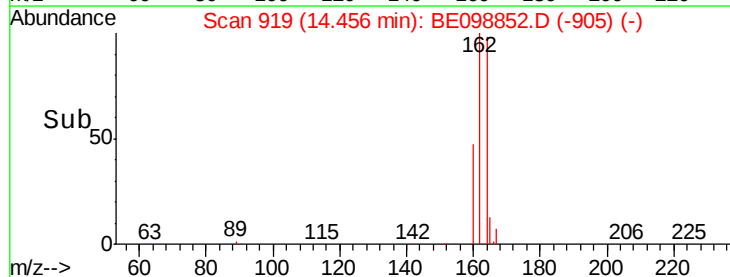
1500

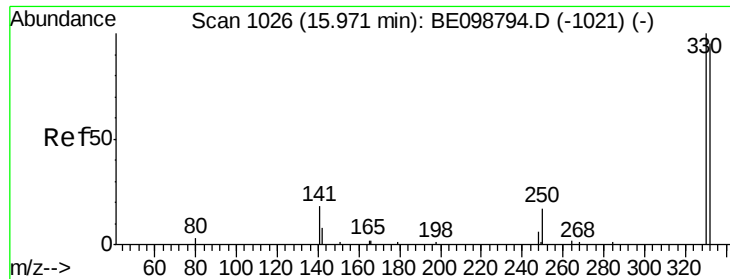
1000

500

0

Time-->

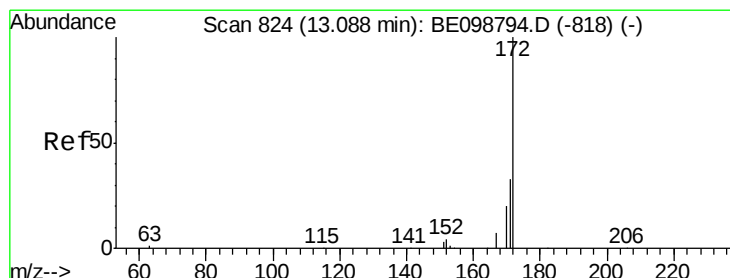
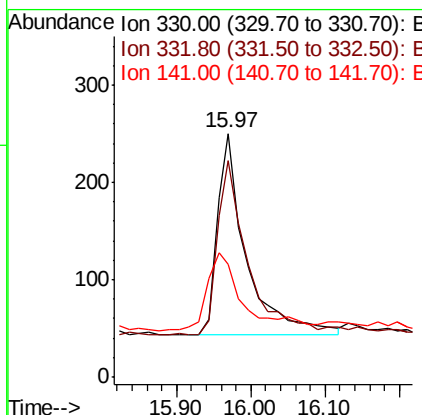
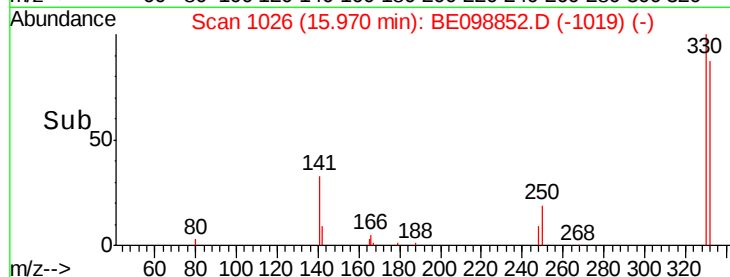
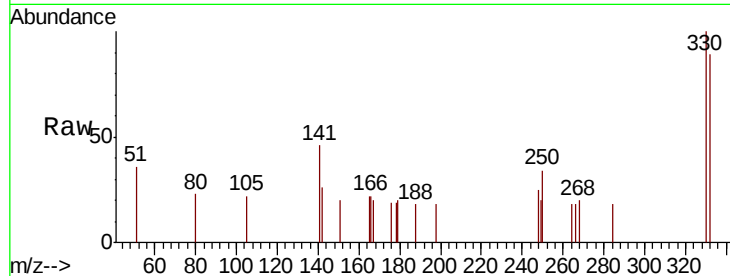




#14
 2,4,6-Tribromophenol
 Concen: 0.400 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098852.D
 Acq: 9 Mar 2019 3:21

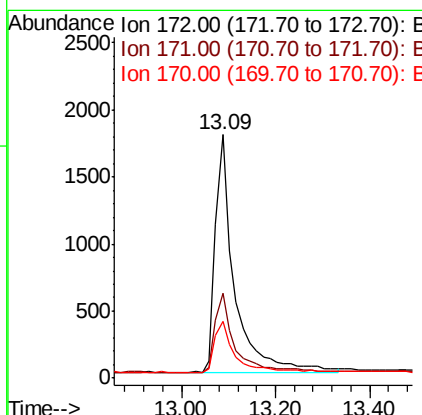
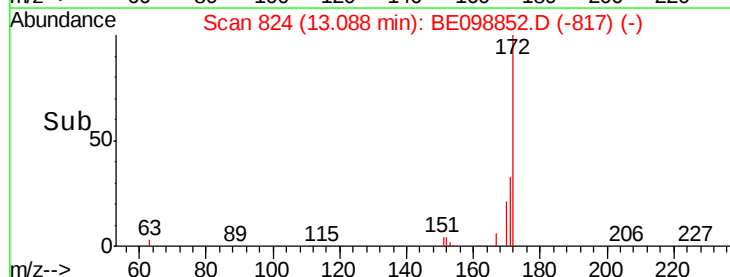
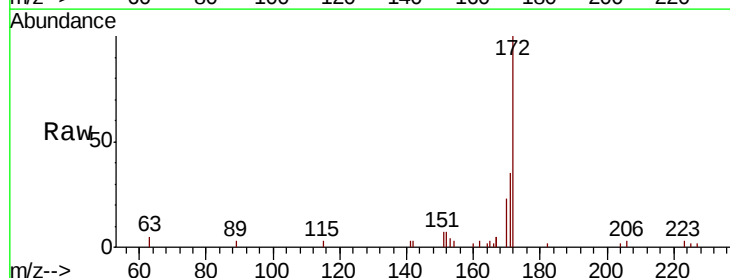
Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190306

Tot Ion:330 Resp: 562
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.6 116.4
 141 48.0 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.433 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098852.D
 Acq: 9 Mar 2019 3:21

Tgt Ion:172 Resp: 5001
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.0 42.0
 170 23.4 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098852.D

Acq: 9 Mar 2019 3:21

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190306

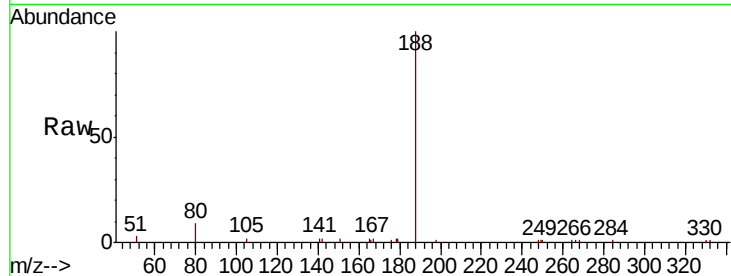
Tot Ion:188 Resp: 7146

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

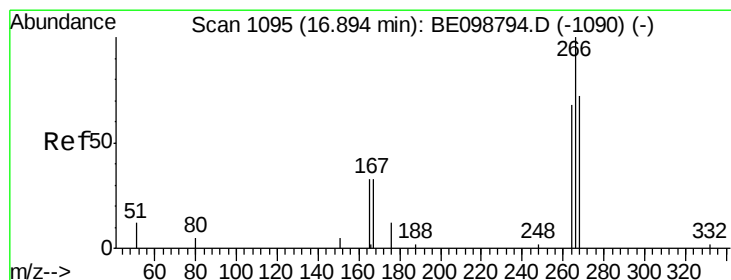
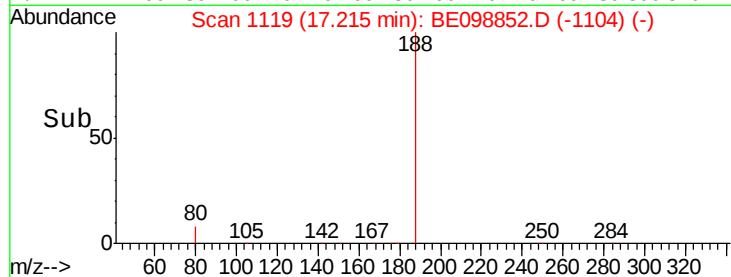
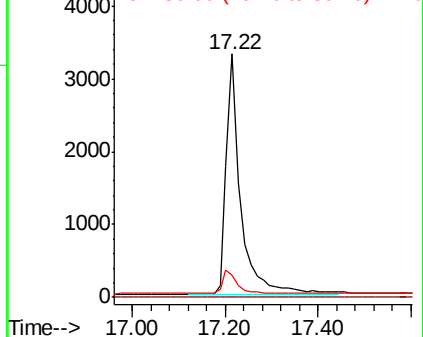
80 9.1 6.3 9.5



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: 0.266 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098852.D

Acq: 9 Mar 2019 3:21

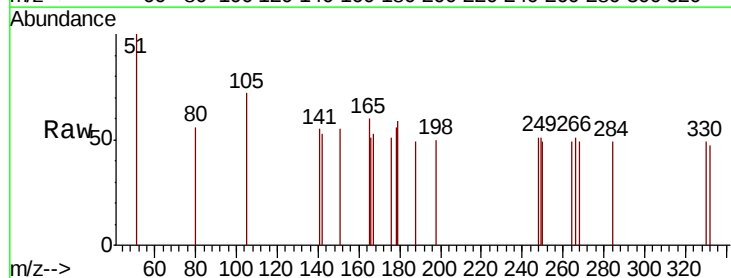
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.8 66.6 100.0

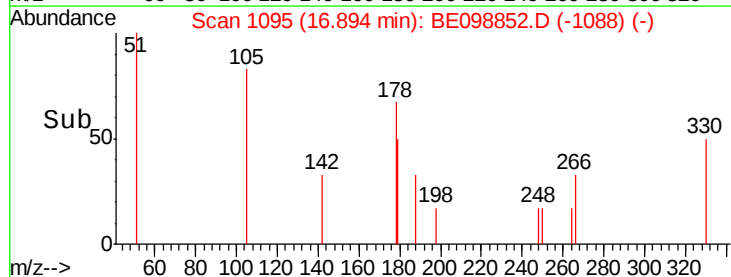
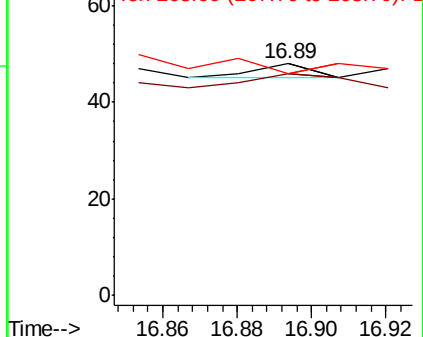
268 95.8 69.8 104.8

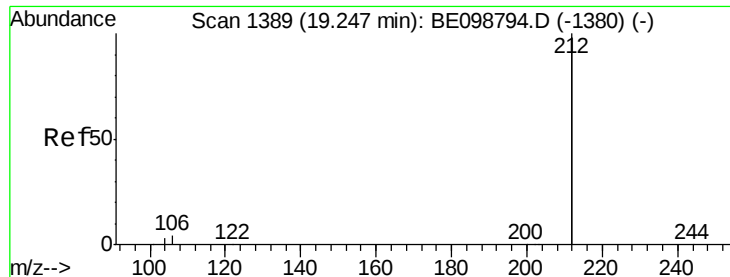


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098852.D

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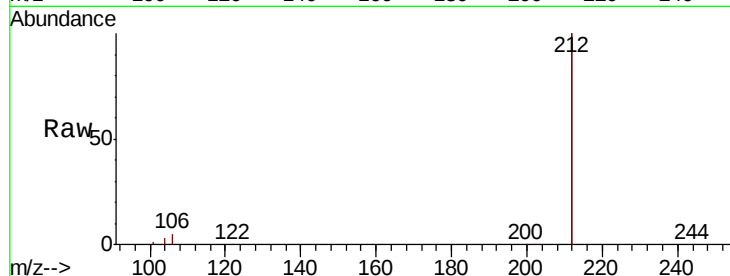
Tot Ion:212 Resp: 41673

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

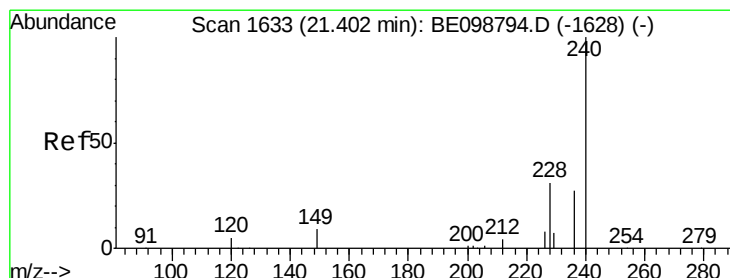
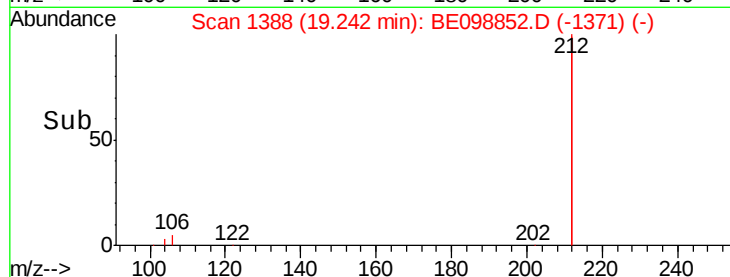
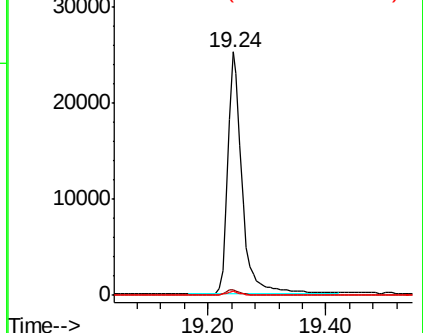
104 1.3 1.0 1.6



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: BE098852.D

Acq: 9 Mar 2019 3:21

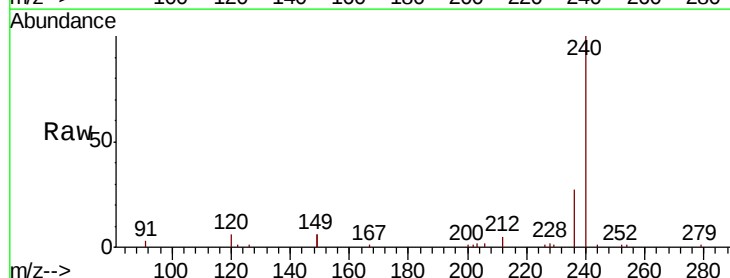
Tgt Ion:240 Resp: 8847

Ion Ratio Lower Upper

240 100

120 5.5 5.0 7.4

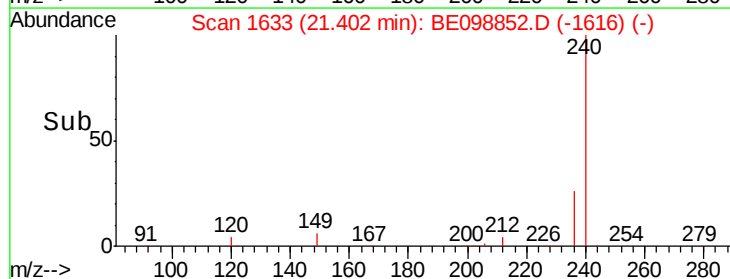
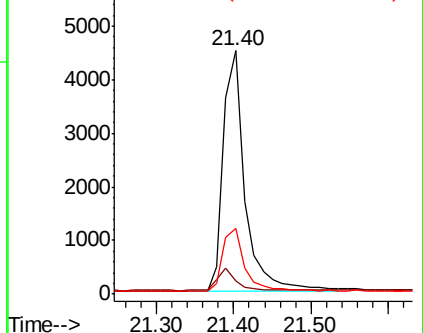
236 26.7 22.7 34.1

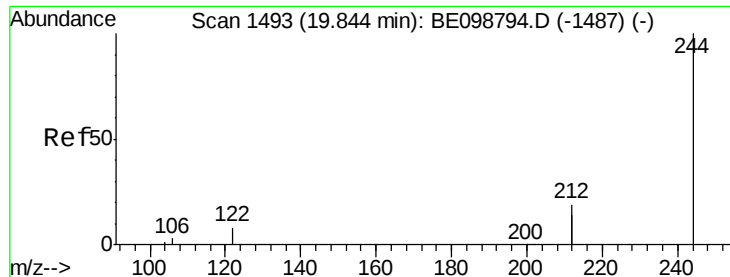


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.525 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098852.D

Acq: 9 Mar 2019 3:21

Instrument :

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RE108D1-20190306

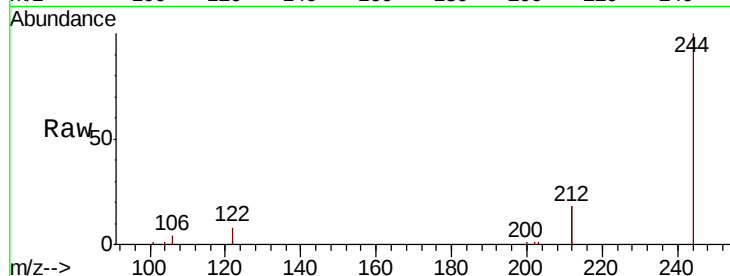
Tot Ion:244 Resp: 11283

Ion Ratio Lower Upper

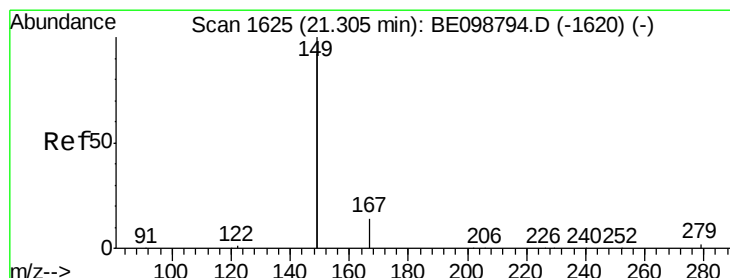
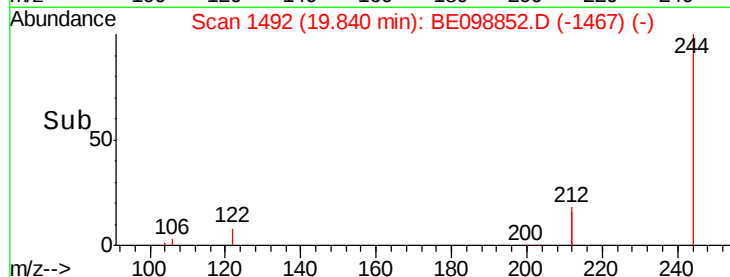
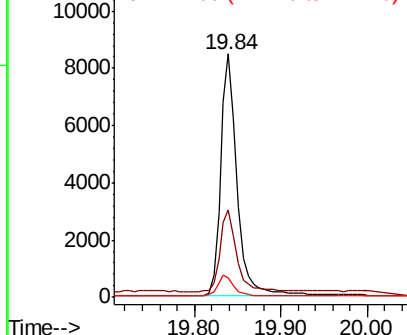
244 100

212 36.2 29.4 44.2

122 8.3 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: 0.029 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098852.D

Acq: 9 Mar 2019 3:21

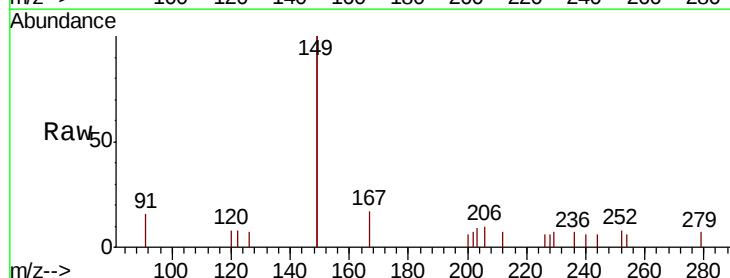
Tgt Ion:149 Resp: 1710

Ion Ratio Lower Upper

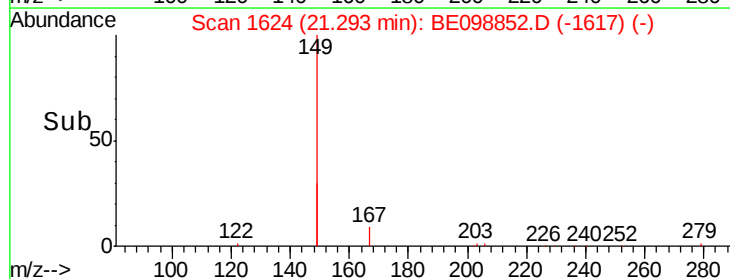
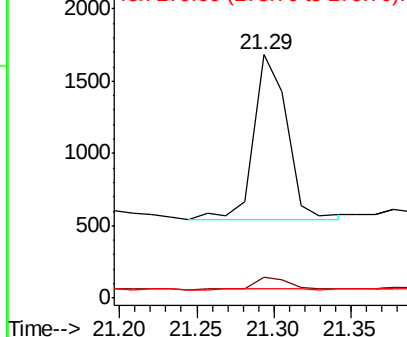
149 100

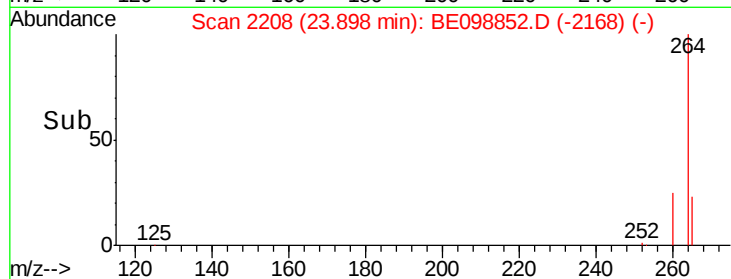
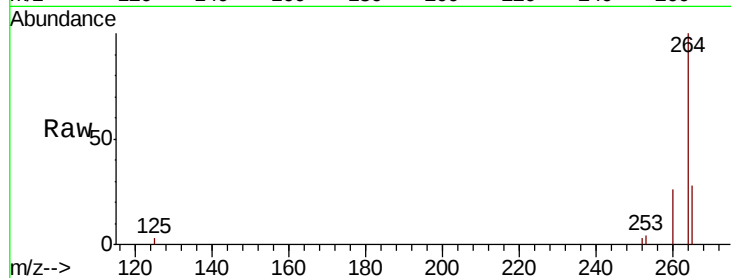
167 9.1 5.4 8.0#

279 1.5 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
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098852.D
 Acq: 9 Mar 2019 3:21

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190306

Tot Ion: 264 Resp: 8582
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.2 31.8
 265 28.1 24.6 36.8

