

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098898.D
 Acq On : 12 Mar 2019 15:11
 Operator : JU/SJ
 Sample : K1839-02DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-20190307DL

Quant Time: Mar 13 07:58:31 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

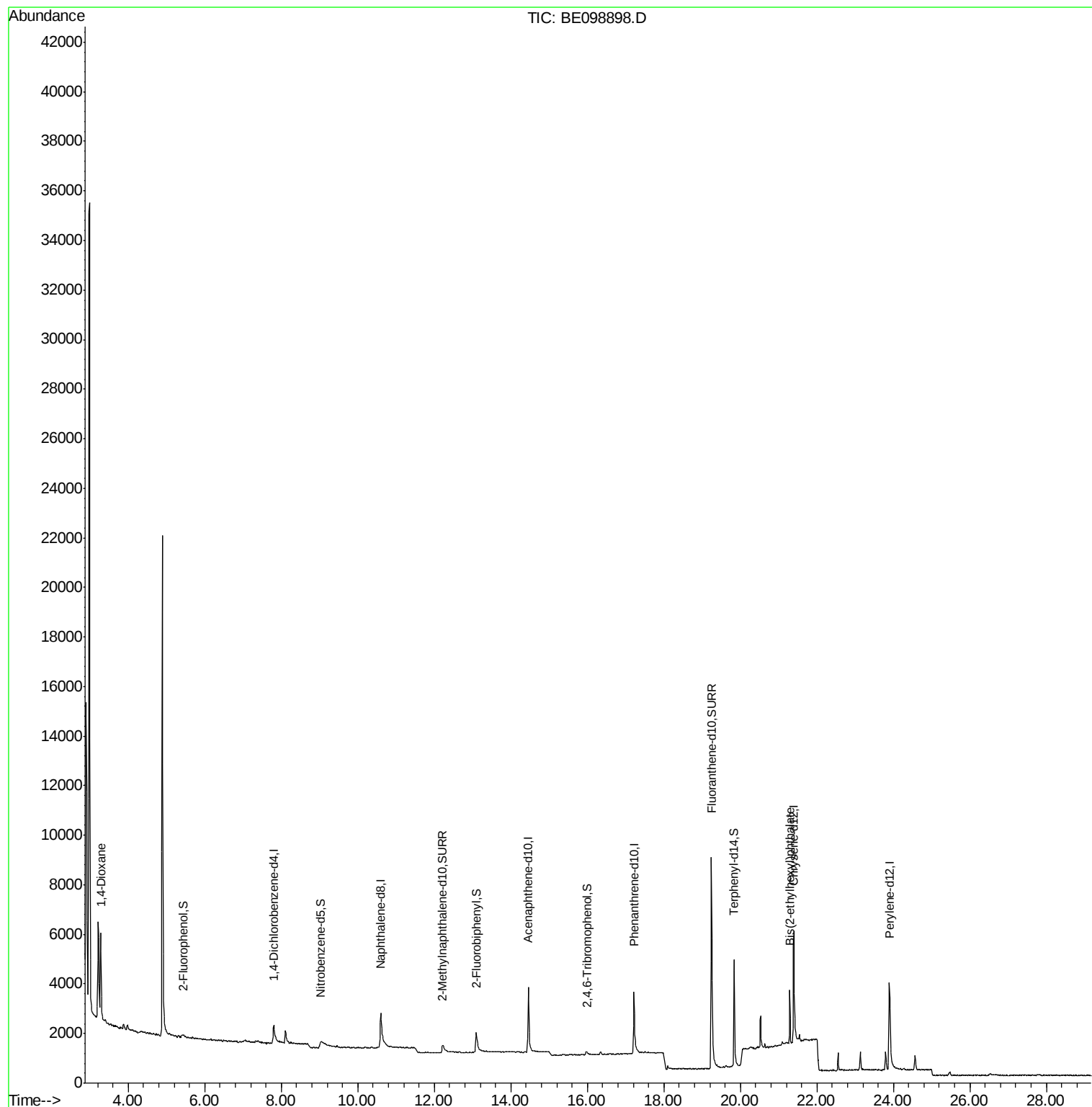
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	683	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3141	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2298	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5784	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6924	0.40	ng	0.00
34) Perylene-d12	23.90	264	6660	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	111	0.05	ng	0.05
5) Phenol-d6	6.94	99	4	0.00	ng	-0.05
8) Nitrobenzene-d5	9.03	82	159	0.05	ng	0.07
11) 2-Methylnaphthalene-d10	12.22	152	1127	0.19	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	154	0.13	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	1871	0.20	ng	0.01
25) Fluoranthene-d10	19.25	212	16435	0.18	ng	0.00
29) Terphenyl-d14	19.84	244	4467	0.27	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	2160	1.950	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	2431	0.053	ng	# 99

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

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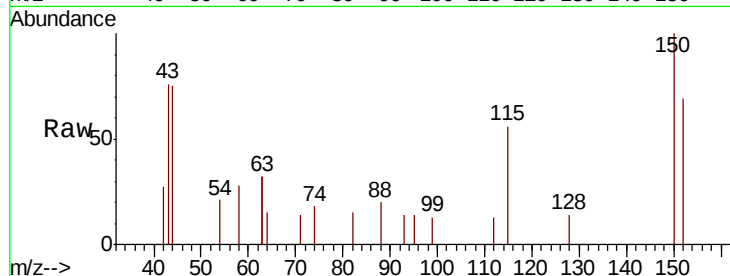


#1

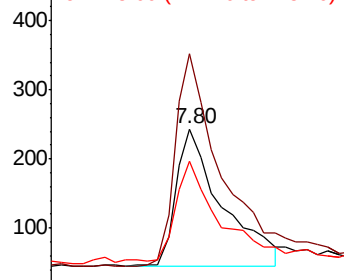
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098898.D
Acq: 12 Mar 2019 15:11

Instrument :
BNA_E
ClientSampleId :
RE109D1-20190307DL

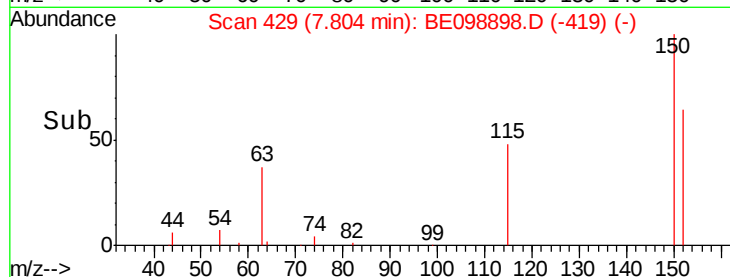
Tot Ion:152 Resp: 683
Ion Ratio Lower Upper
152 100
150 144.9 122.5 183.7
115 80.7 57.4 86.2



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



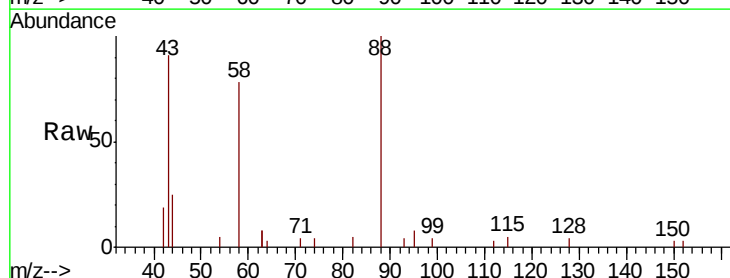
Time-->



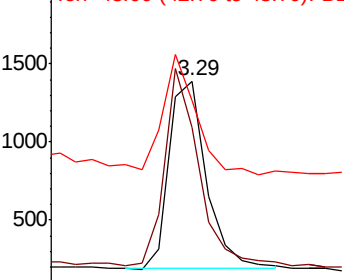
#2

1,4-Dioxane
Concen: 1.950 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098898.D
Acq: 12 Mar 2019 15:11

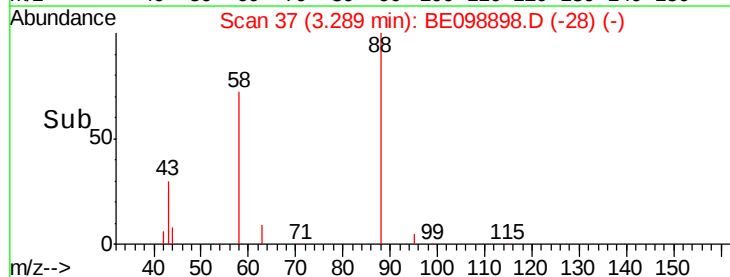
Tgt Ion: 88 Resp: 2160
Ion Ratio Lower Upper
88 100
58 96.3 75.8 113.6
43 60.4 41.8 62.8



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



Time-->





#4

2-Fluorophenol

Concen: 0.054 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.05 min

Lab File: BE098898.D

Acq: 12 Mar 2019 15:11

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190307DL

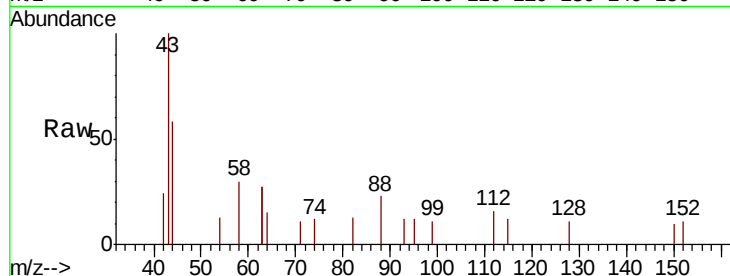
Tot Ion:112 Resp: 111

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

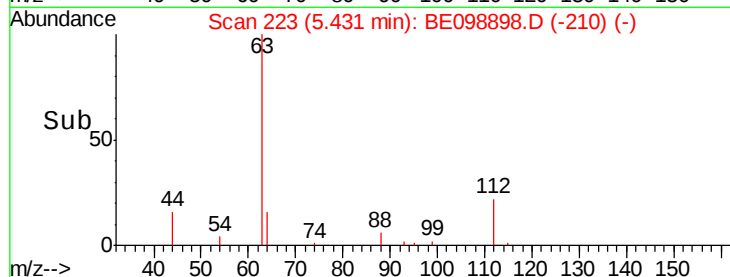
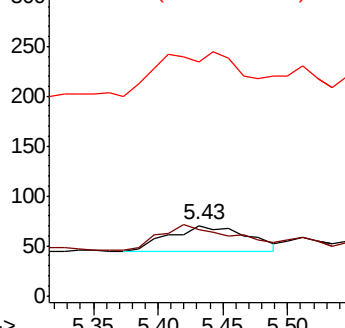
63 160.4 158.3 237.5



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: 0.001 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.05 min

Lab File: BE098898.D

Acq: 12 Mar 2019 15:11

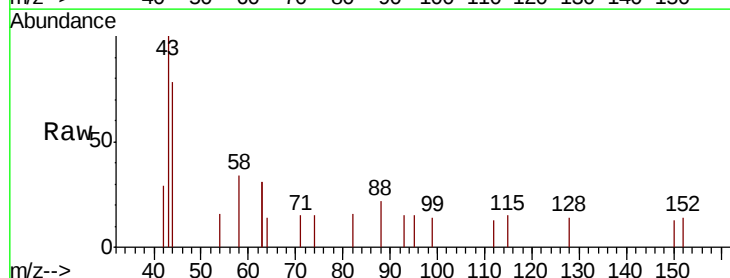
Tgt Ion: 99 Resp: 4

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

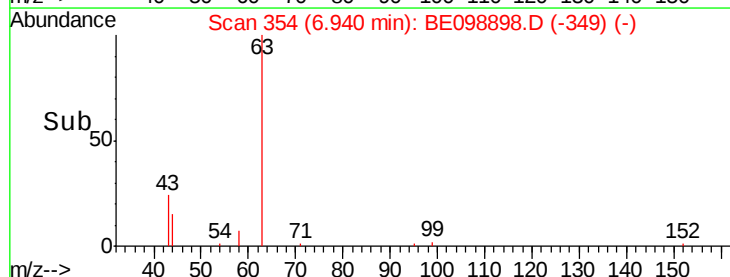
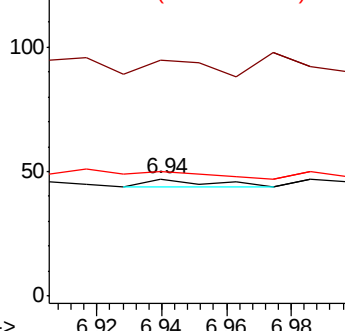
71 0.0 35.7 53.5#



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: BE098898.D

Acq: 12 Mar 2019 15:11

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190307DL

Tot Ion:136 Resp: 3141

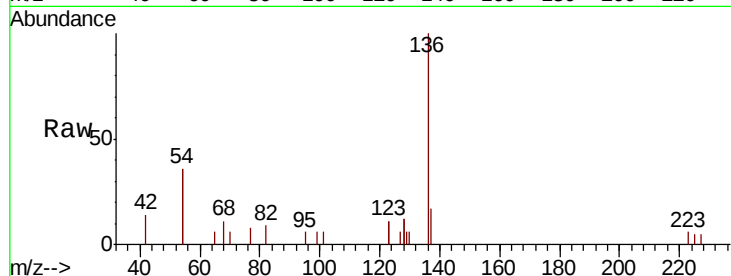
Ion Ratio Lower Upper

136 100

137 16.6 11.4 17.0

54 72.1 39.3 58.9#

68 11.1 6.7 10.1#

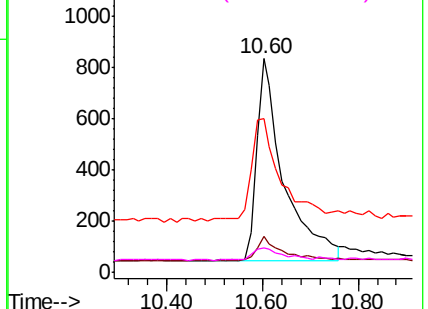
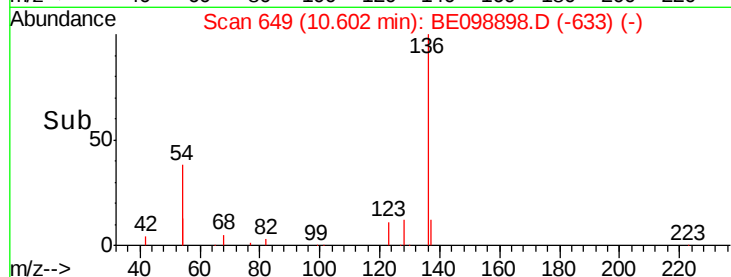


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.048 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.07 min

Lab File: BE098898.D

Acq: 12 Mar 2019 15:11

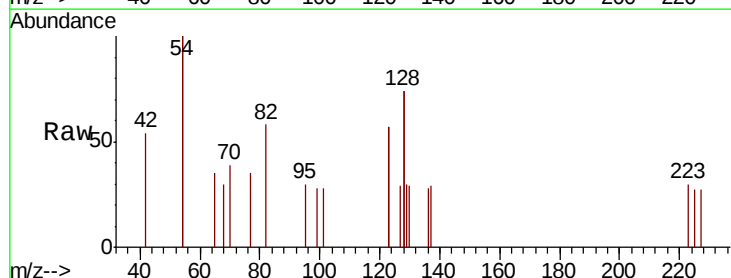
Tgt Ion: 82 Resp: 159

Ion Ratio Lower Upper

82 100

128 255.9 123.8 185.8#

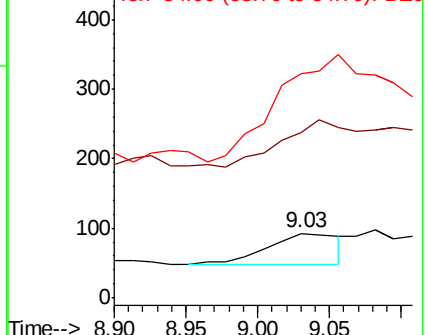
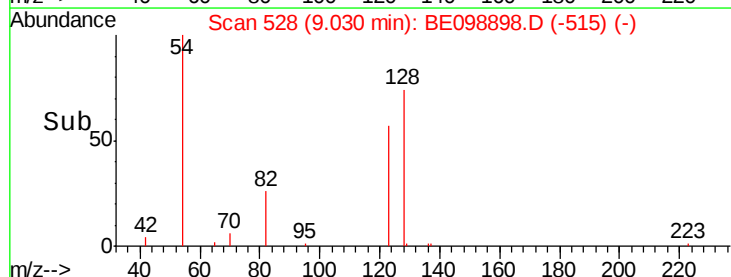
54 346.2 203.4 305.2#



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

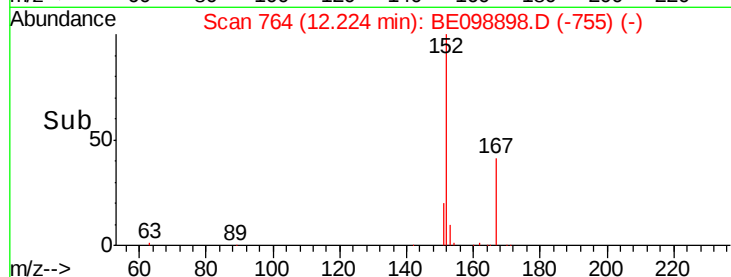
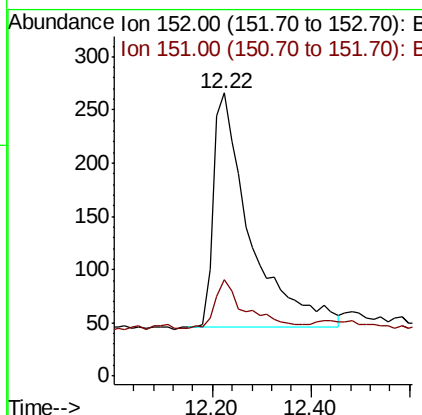
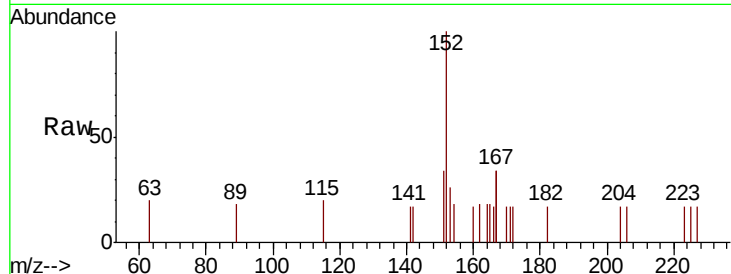




#11
2-Methylnaphthalene-d10
Concen: 0.194 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.03 min
Lab File: BE098898.D
Acq: 12 Mar 2019 15:11

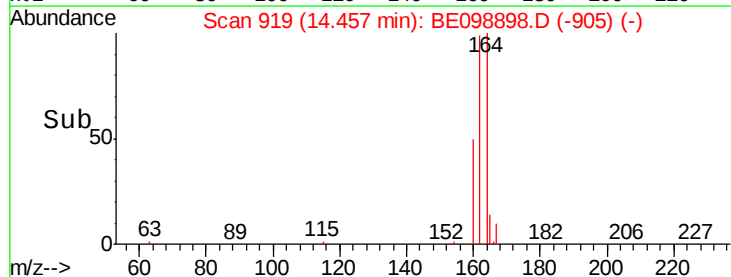
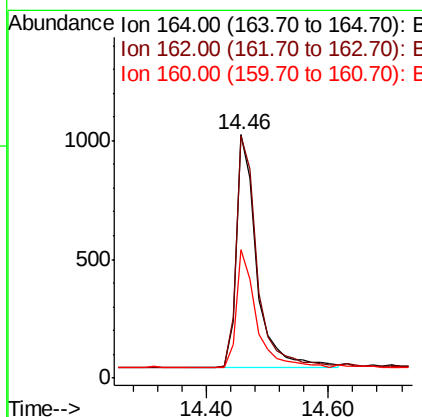
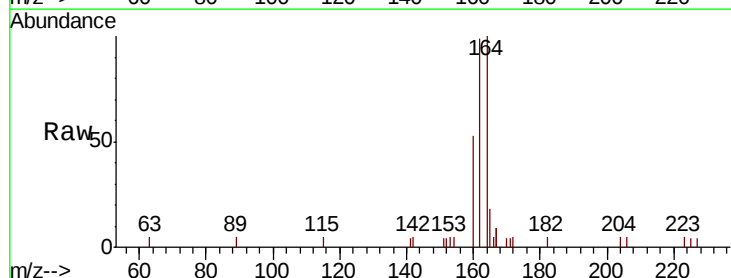
Instrument :
BNA_E
ClientSampleId :
RE109D1-20190307DL

Tot Ion:152 Resp: 1127
Ion Ratio Lower Upper
152 100
151 17.0 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098898.D
Acq: 12 Mar 2019 15:11

Tgt Ion:164 Resp: 2298
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.2
160 52.6 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.133 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098898.D

Acq: 12 Mar 2019 15:11

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190307DL

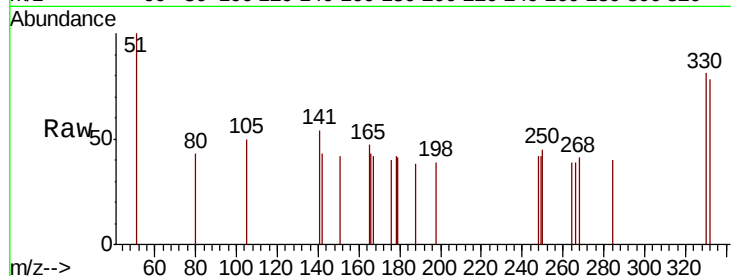
Tot Ion:330 Resp: 154

Ion Ratio Lower Upper

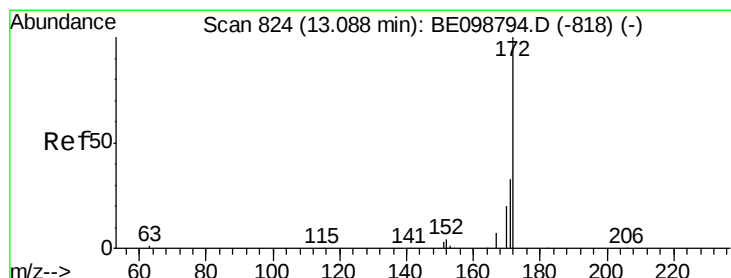
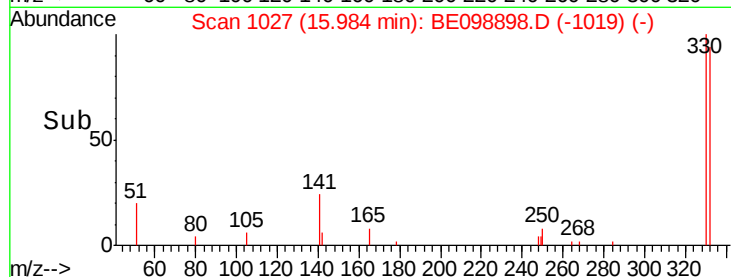
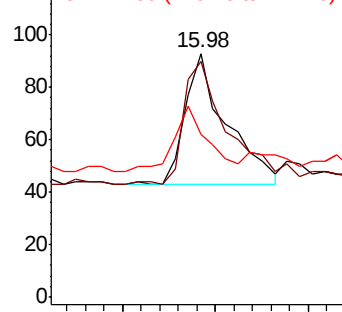
330 100

332 108.4 77.6 116.4

141 40.3 31.0 46.4



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: 0.197 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.01 min

Lab File: BE098898.D

Acq: 12 Mar 2019 15:11

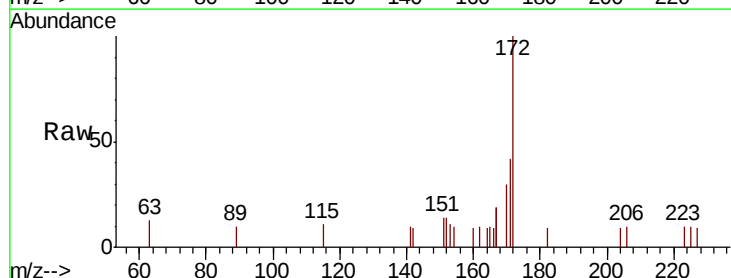
Tgt Ion:172 Resp: 1871

Ion Ratio Lower Upper

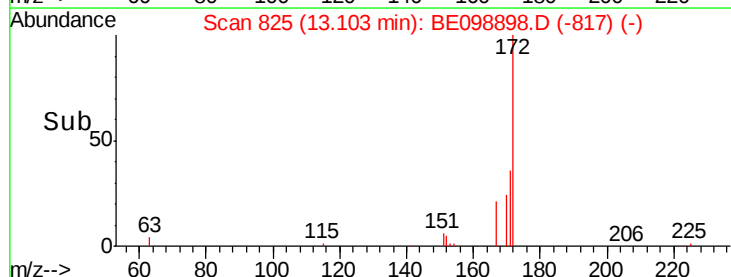
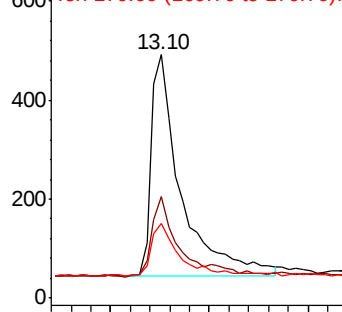
172 100

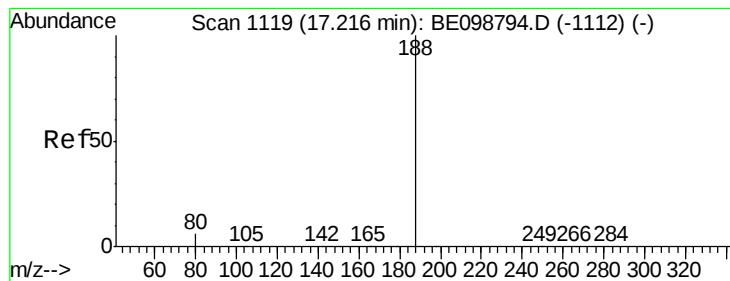
171 41.9 28.0 42.0

170 30.5 17.7 26.5#



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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098898.D

Acq: 12 Mar 2019 15:11

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190307DL

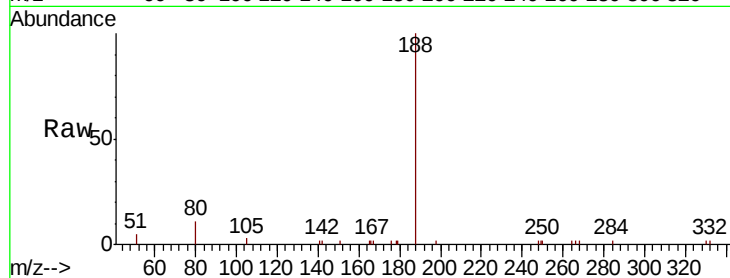
Tot Ion:188 Resp: 5784

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

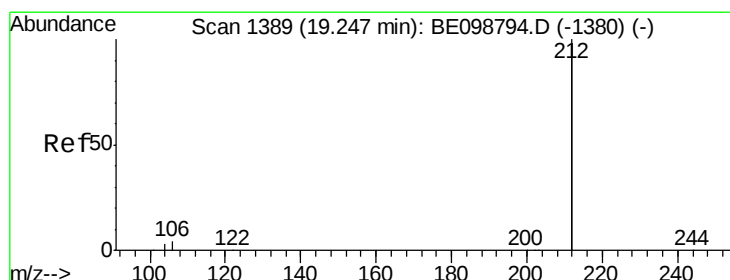
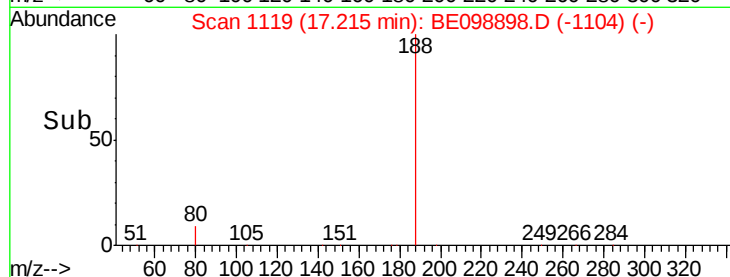
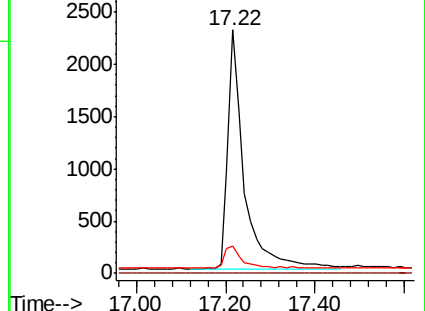
80 11.1 6.3 9.5#



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



#25

Fluoranthene-d10

Concen: 0.178 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098898.D

Acq: 12 Mar 2019 15:11

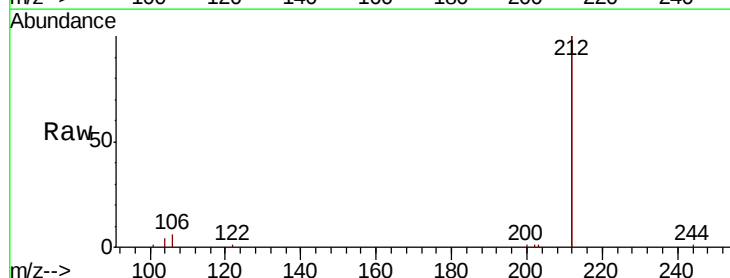
Tgt Ion:212 Resp: 16435

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

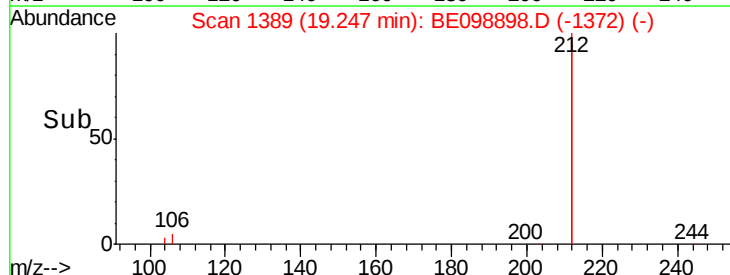
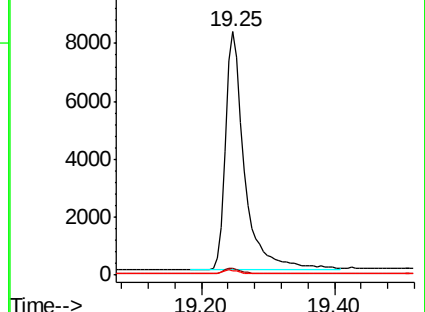
104 1.4 1.0 1.6



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: BE098898.D

Acq: 12 Mar 2019 15:11

Instrument :

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ClientSampleId :

RE109D1-20190307DL

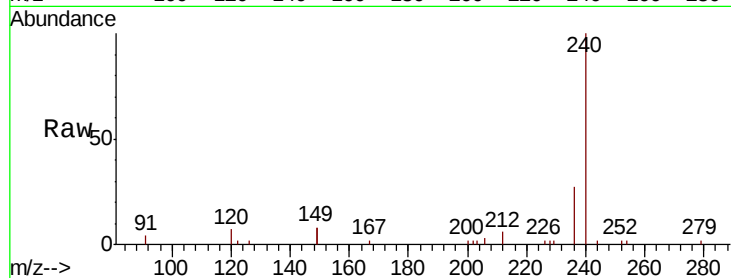
Tot Ion:240 Resp: 6924

Ion Ratio Lower Upper

240 100

120 6.7 5.0 7.4

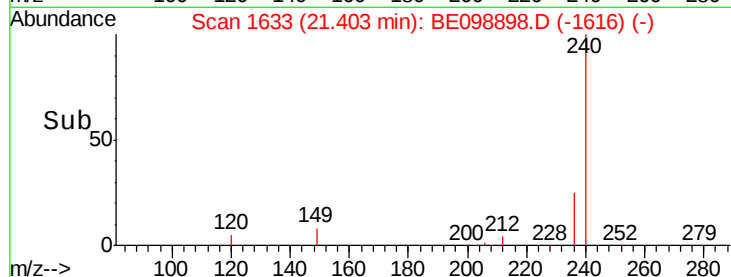
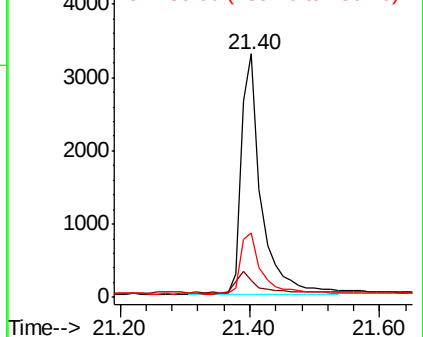
236 26.7 22.7 34.1



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: 0.265 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098898.D

Acq: 12 Mar 2019 15:11

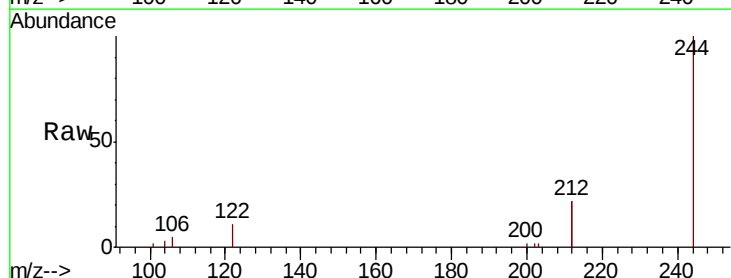
Tgt Ion:244 Resp: 4467

Ion Ratio Lower Upper

244 100

212 44.1 29.4 44.2

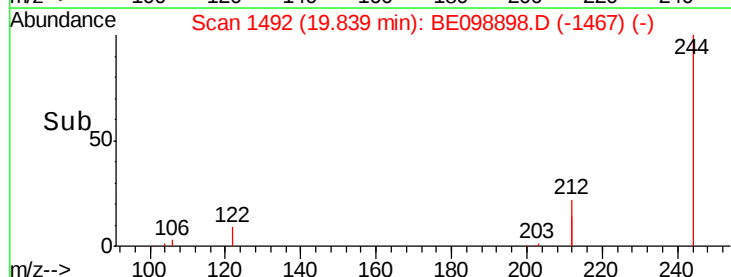
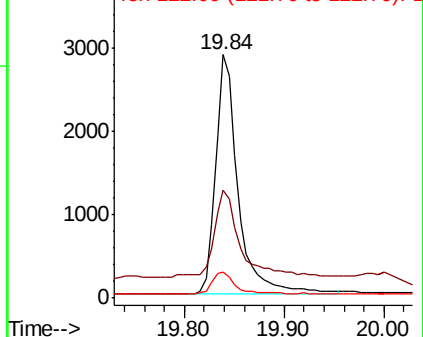
122 10.6 7.1 10.7



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: 0.053 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098898.D

Acq: 12 Mar 2019 15:11

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190307DL

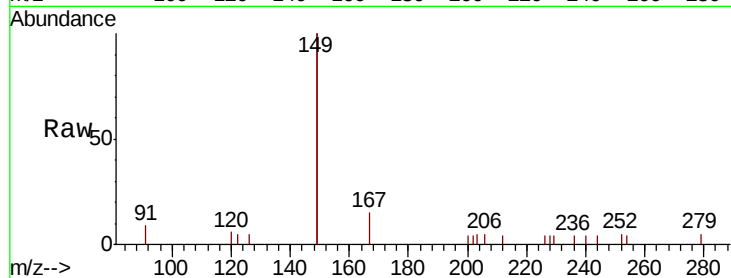
Tot Ion:149 Resp: 2431

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

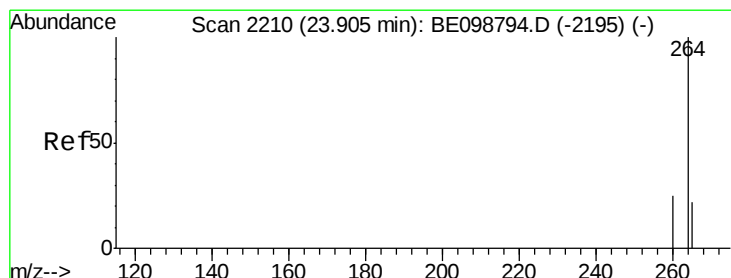
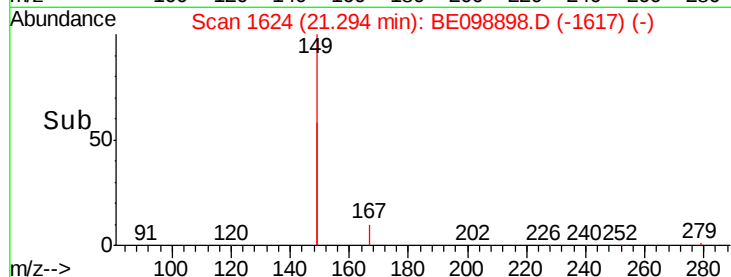
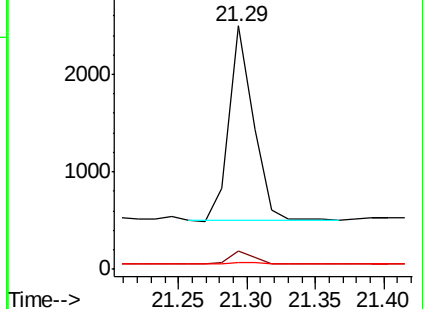
279 2.2 1.0 1.4#



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: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098898.D

Acq: 12 Mar 2019 15:11

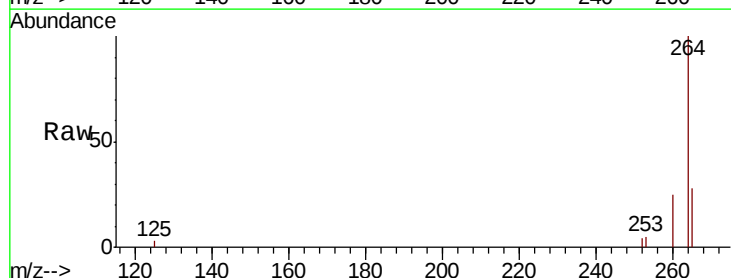
Tgt Ion:264 Resp: 6660

Ion Ratio Lower Upper

264 100

260 25.1 21.2 31.8

265 27.5 24.6 36.8



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

