

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098321.D
 Acq On : 11 Dec 2018 5:52
 Operator : SJ/JU
 Sample : J6250-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP01-20181204

Quant Time: Dec 11 07:22:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1290	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5452	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3558	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9084	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11646	0.40	ng	0.00
34) Perylene-d12	24.01	264	11318	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	460	0.15	ng	0.00
5) Phenol-d6	7.04	99	334	0.08	ng	0.00
8) Nitrobenzene-d5	9.03	82	1760	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3321	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	471	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7066	0.47	ng	0.00
25) Fluoranthene-d10	19.31	212	54261	0.47	ng	0.00
29) Terphenyl-d14	19.90	244	11100	0.39	ng	0.00

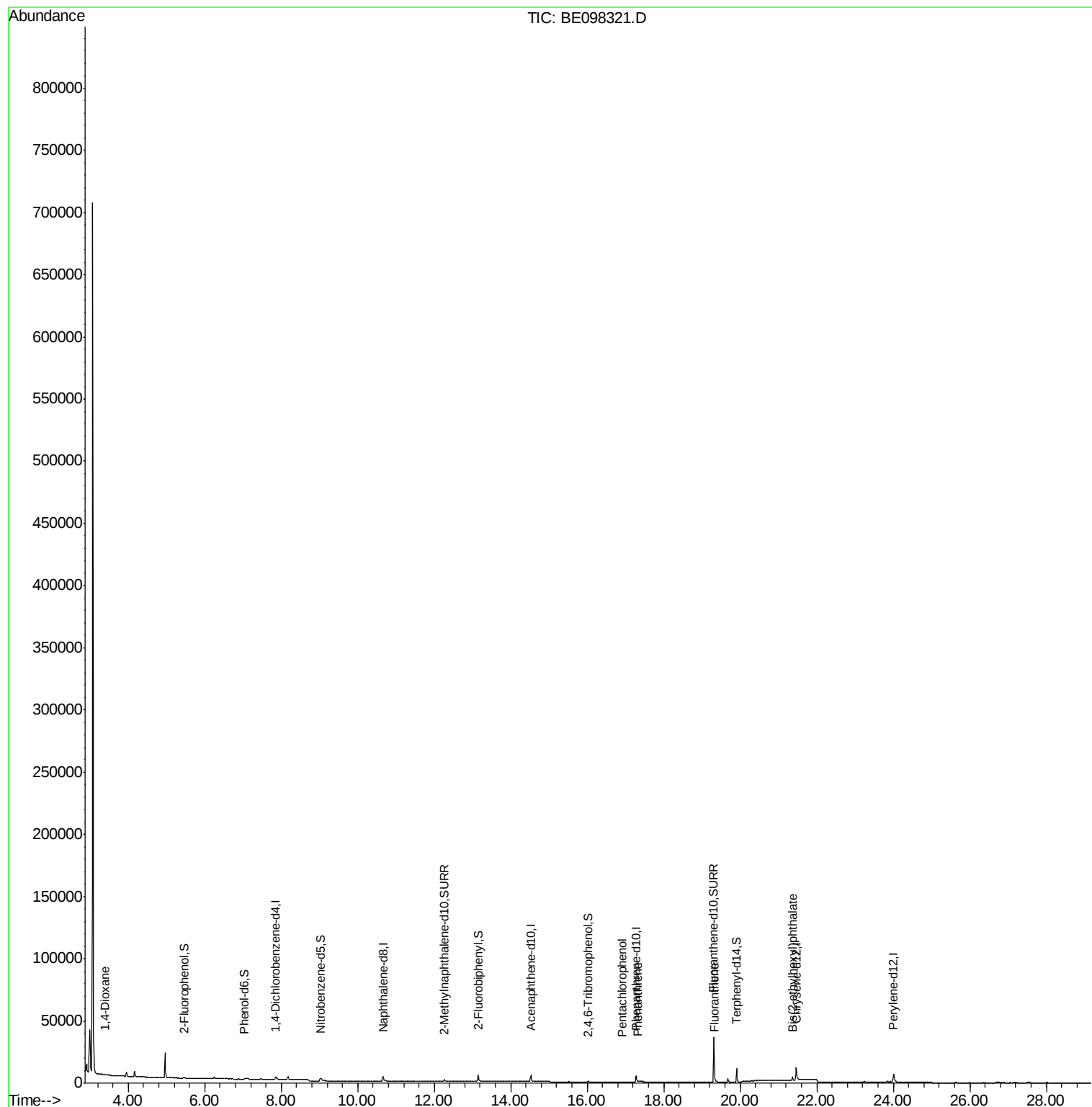
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	49	0.022	ng	# 20
22) Pentachlorophenol	16.92	266	4	0.021	ng	# 70
23) Phenanthrene	17.31	178	474	0.021	ng	# 95
26) Fluoranthene	19.34	202	709	0.024	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.37	149	3202	0.048	ng	# 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

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BNA_E

ClientSampleId :

BP-DUP01-20181204

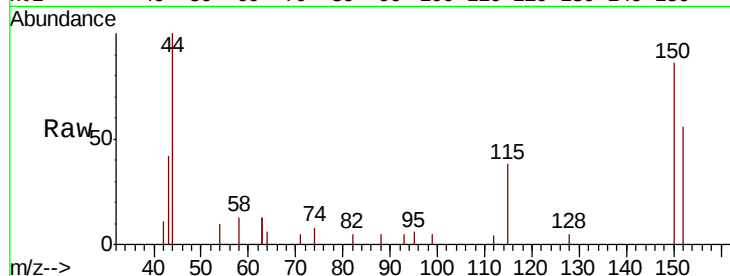
Tgt Ion: 152 Resp: 1290

Ion Ratio Lower Upper

152 100

150 154.8 124.2 186.4

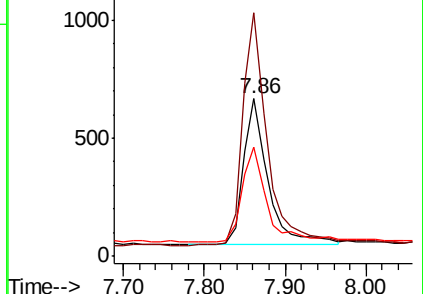
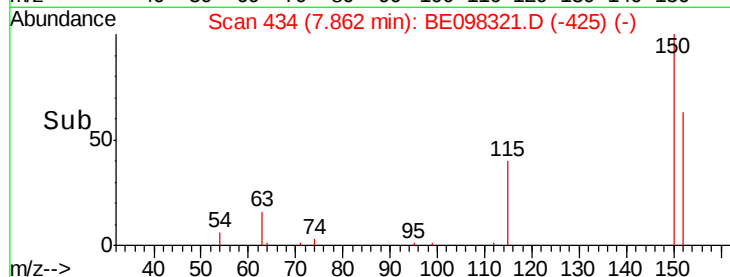
115 69.1 53.9 80.9



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: 0.022 ng

RT: 3.40 min Scan# 47

Delta R.T. 0.03 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

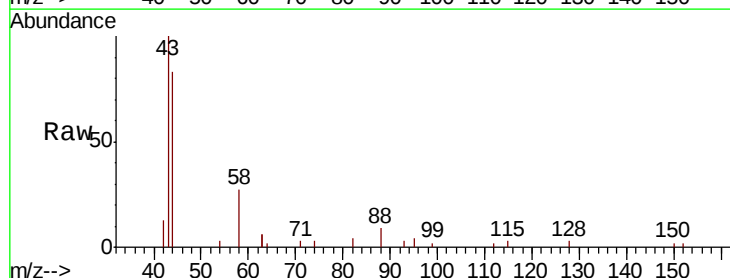
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

58 175.5 75.0 112.6#

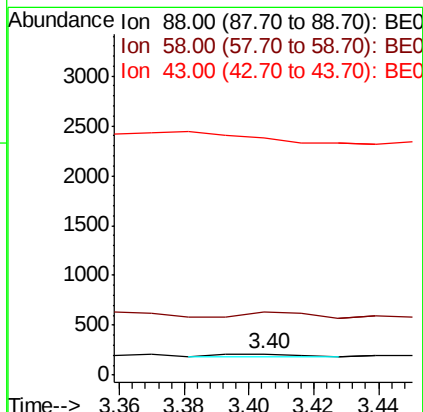
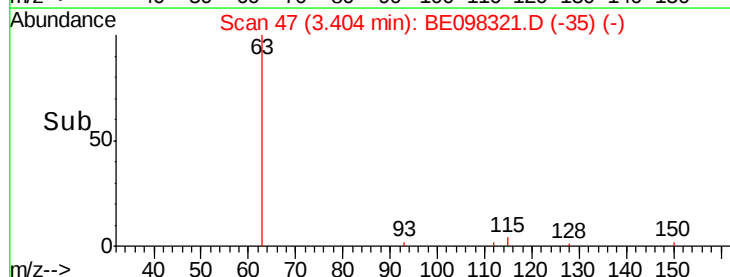
43 0.0 38.3 57.5#



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





#4

2-Fluorophenol

Concen: 0.152 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20181204

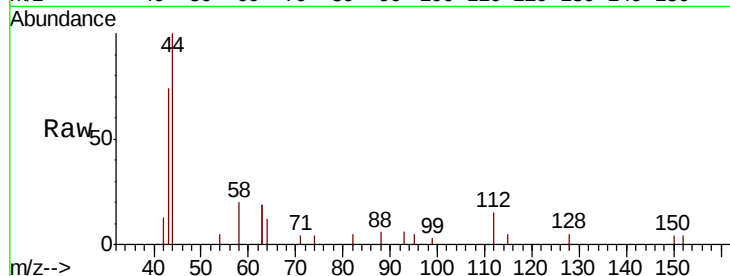
Tgt Ion: 112 Resp: 460

Ion Ratio Lower Upper

112 100

64 85.7 59.8 89.8

63 173.5 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

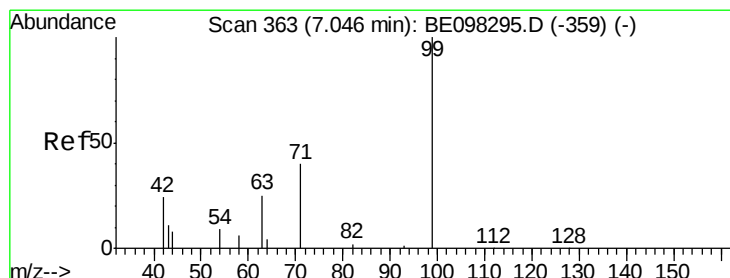
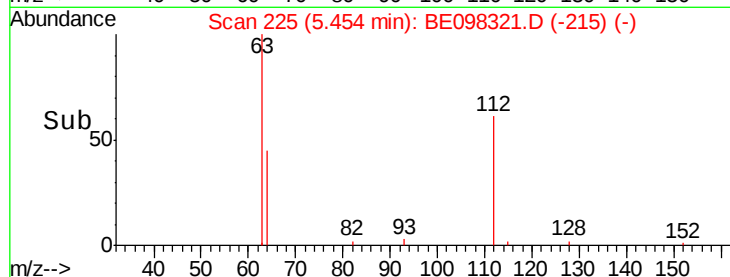
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.45

Time-->

5.30 5.40 5.50 5.60



#5

Phenol-d6

Concen: 0.078 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

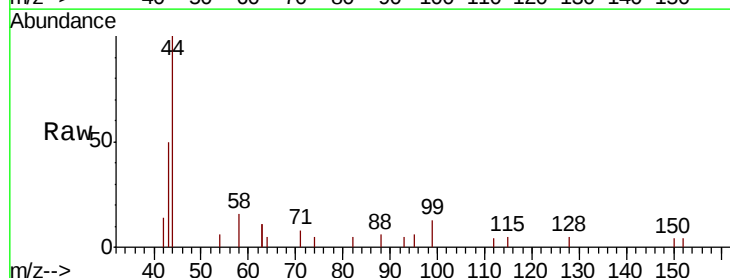
Tgt Ion: 99 Resp: 334

Ion Ratio Lower Upper

99 100

42 26.3 26.3 39.5

71 42.8 33.6 50.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

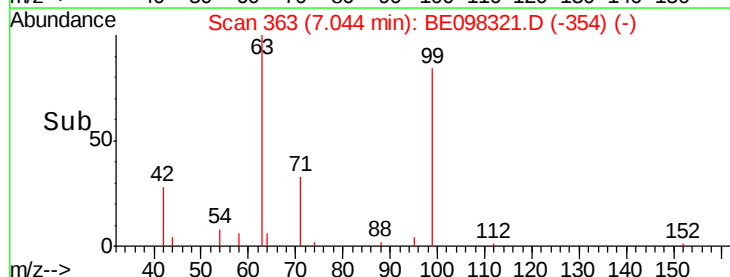
Ion 42.00 (41.70 to 42.70): BE0

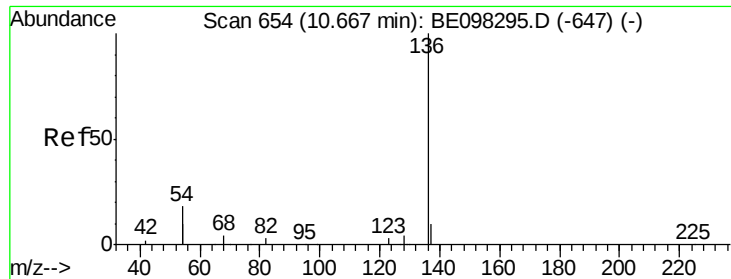
Ion 71.00 (70.70 to 71.70): BE0

7.04

Time-->

7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20181204

Tgt Ion: 136 Resp: 5452

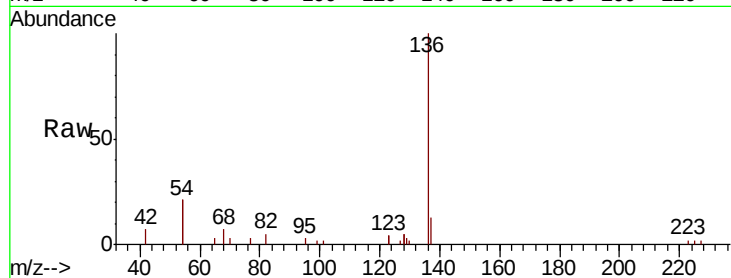
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 42.2 28.4 42.6

68 7.4 5.4 8.0

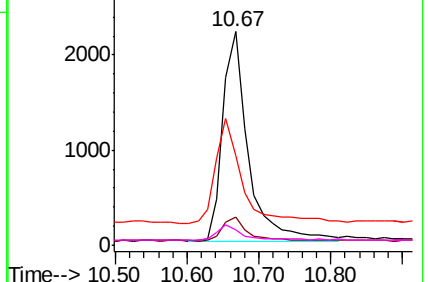
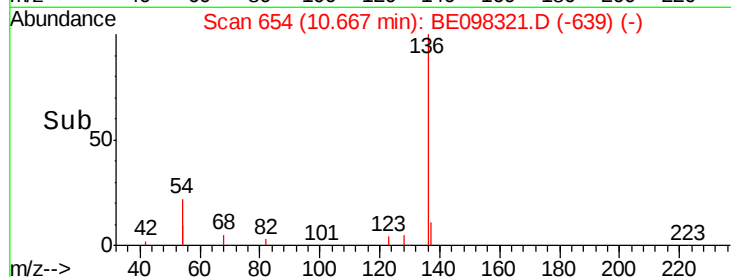


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.355 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

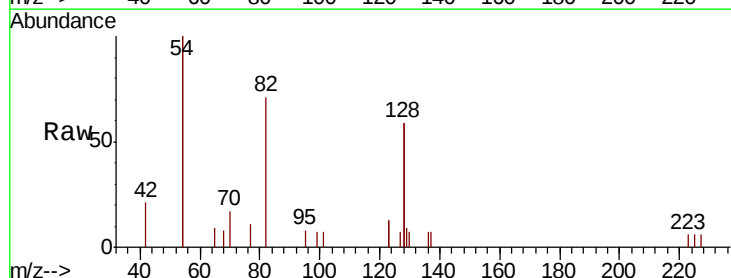
Tgt Ion: 82 Resp: 1760

Ion Ratio Lower Upper

82 100

128 164.8 102.4 153.6#

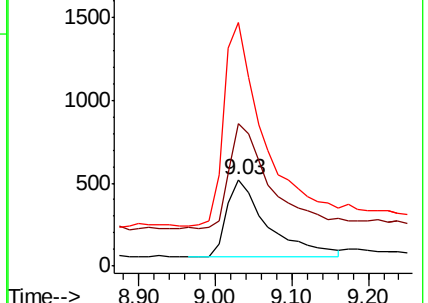
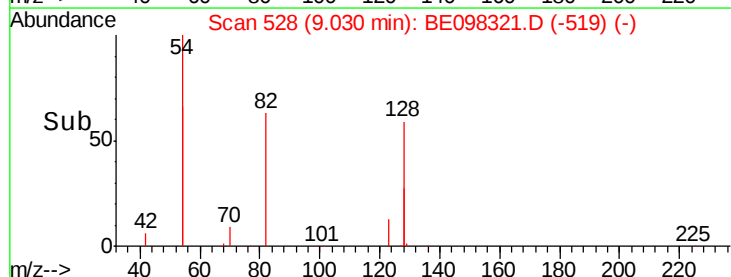
54 280.7 221.8 332.8



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: 0.375 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

Instrument :

BNA_E

ClientSampleId :

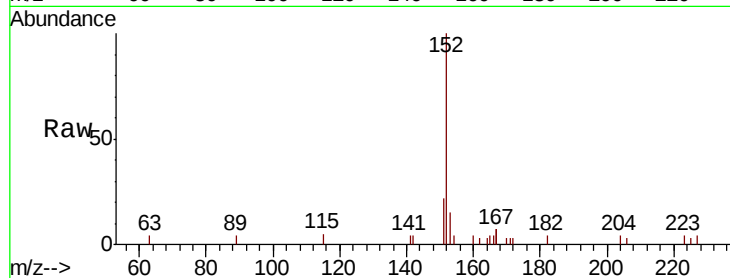
BP-DUP01-20181204

Tgt Ion:152 Resp: 3321

Ion Ratio Lower Upper

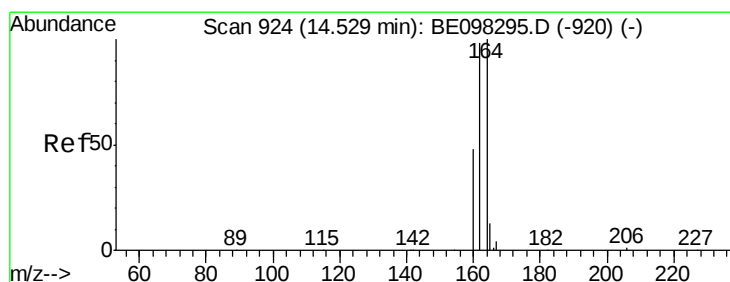
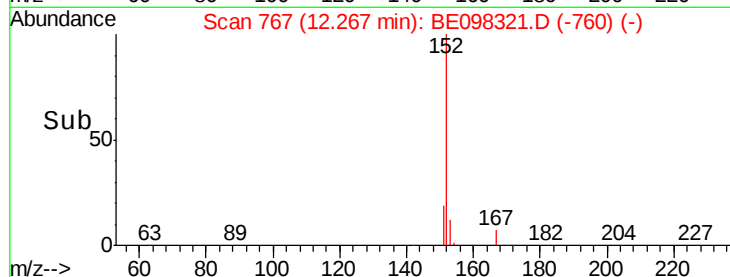
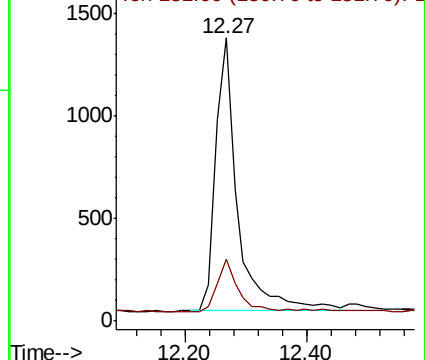
152 100

151 18.3 16.2 24.4



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: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

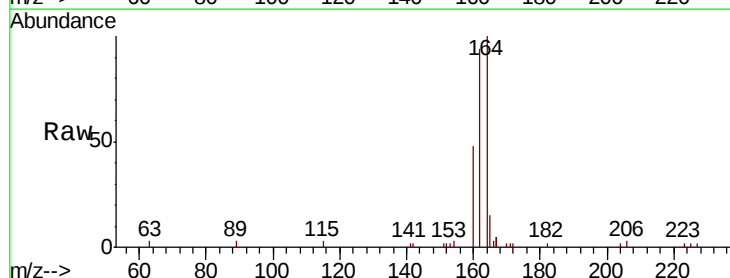
Tgt Ion:164 Resp: 3558

Ion Ratio Lower Upper

164 100

162 94.4 77.6 116.4

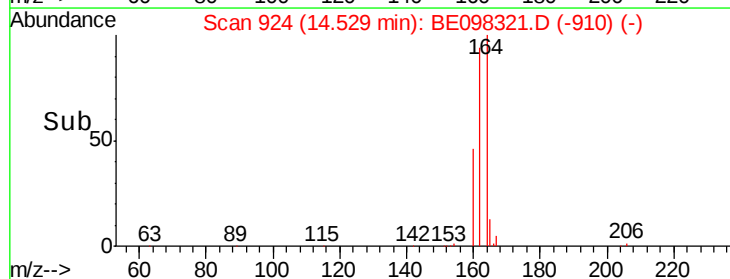
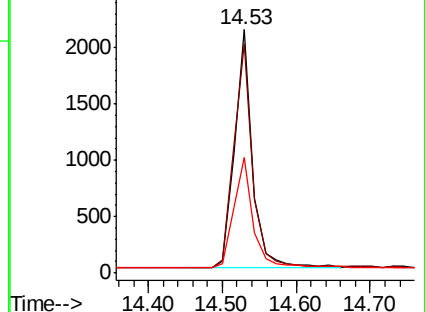
160 47.5 36.0 54.0



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

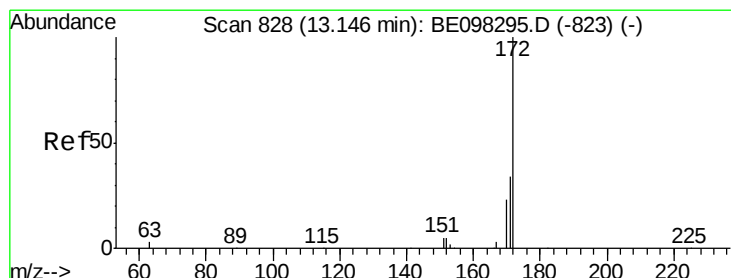
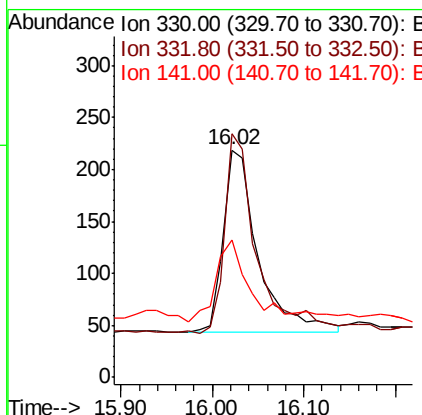
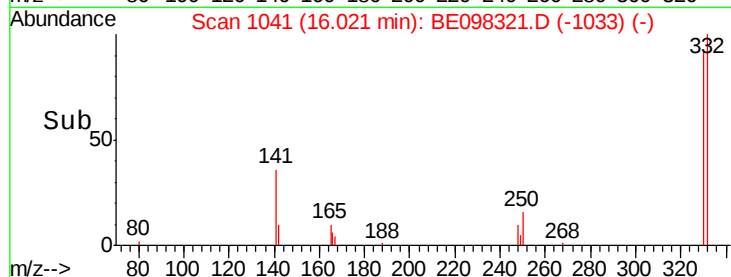
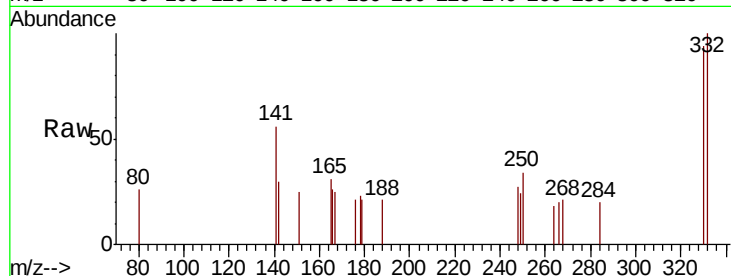




#14
 2,4,6-Tribromophenol
 Concen: 0.361 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098321.D
 Acq: 11 Dec 2018 5:52

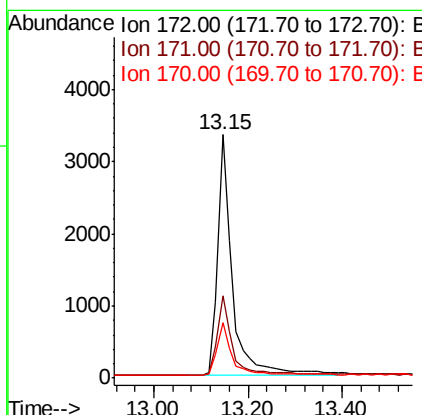
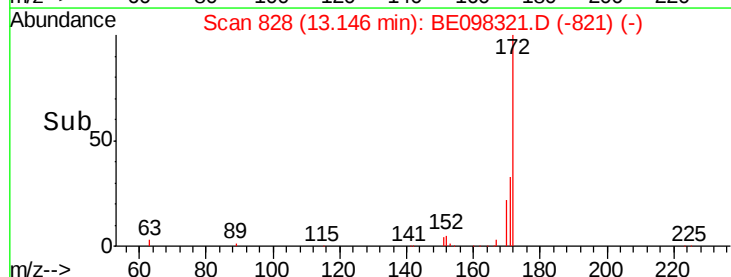
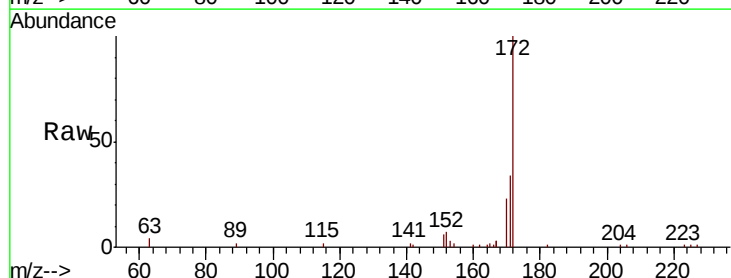
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP01-20181204

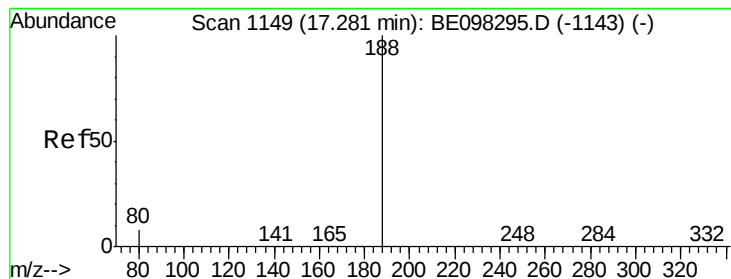
Tgt Ion: 330 Resp: 471
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.2 114.4
 141 41.6 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.471 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098321.D
 Acq: 11 Dec 2018 5:52

Tgt Ion: 172 Resp: 7066
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.5 41.3
 170 23.0 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20181204

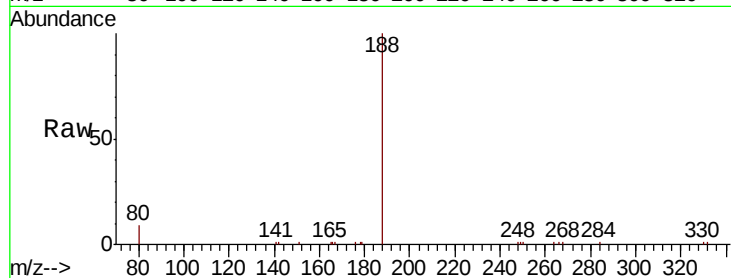
Tgt Ion:188 Resp: 9084

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

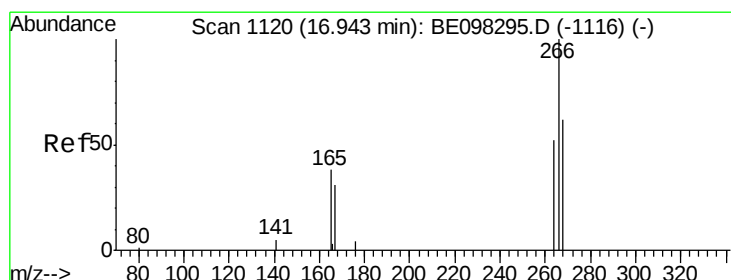
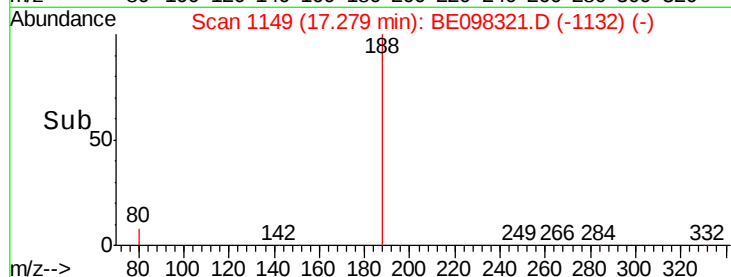
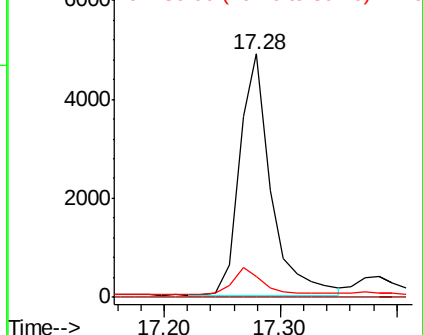
80 8.8 7.2 10.8



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: 0.021 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

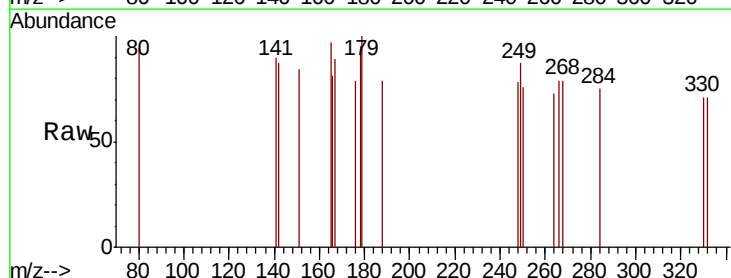
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 92.0 59.0 88.4#

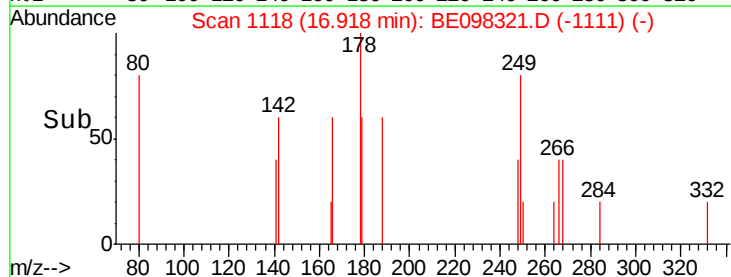
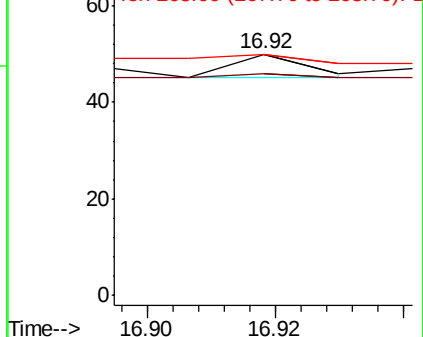
268 100.0 55.1 82.7#

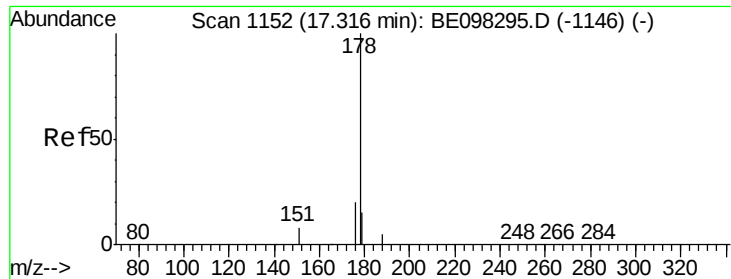


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.021 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

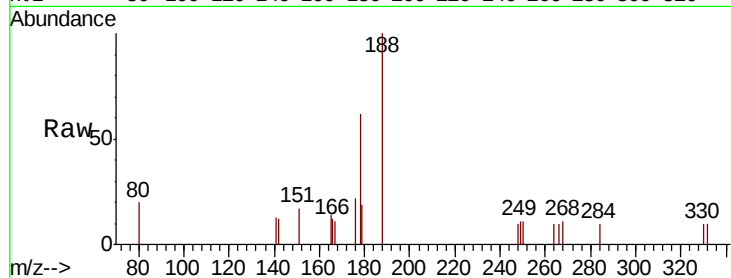
Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:	178	Resp:	474
Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.9	23.9
179	18.8	12.3	18.5#

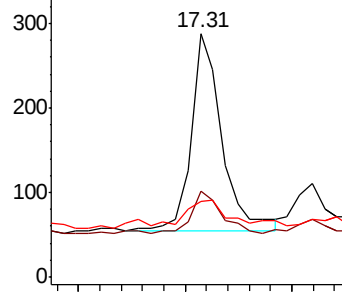


Abundance

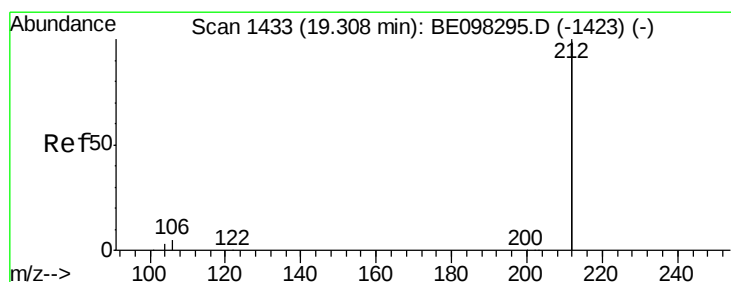
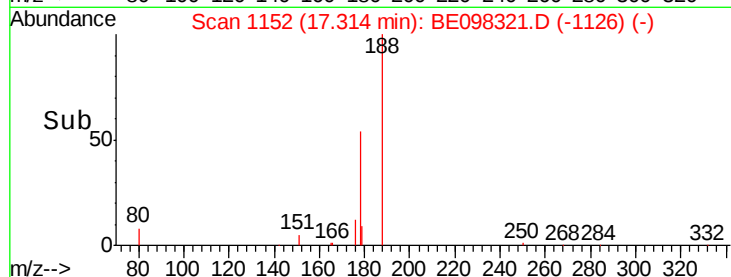
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.466 ng

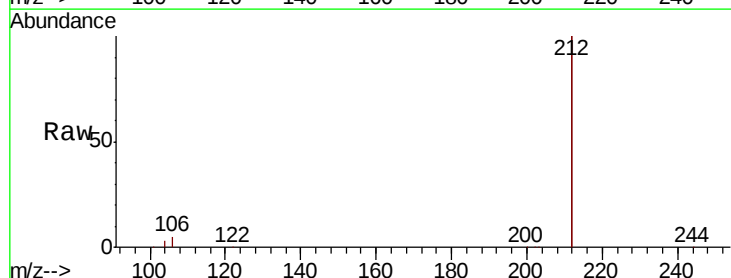
RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

Tgt Ion:	212	Resp:	54261
Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.6	1.3	1.9

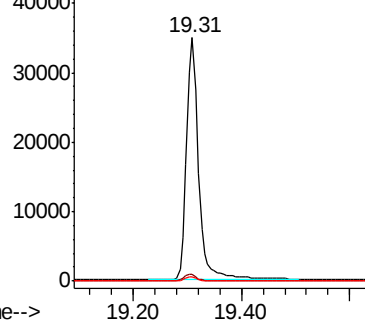


Abundance

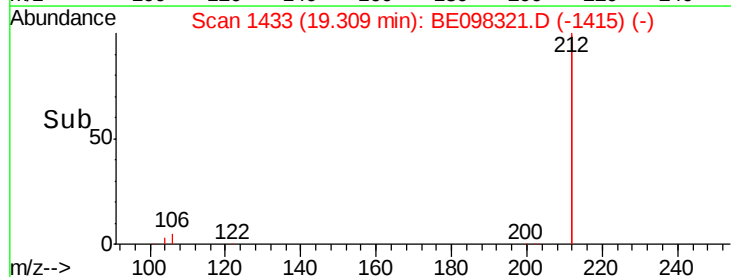
Ion 212.00 (211.70 to 212.70): E

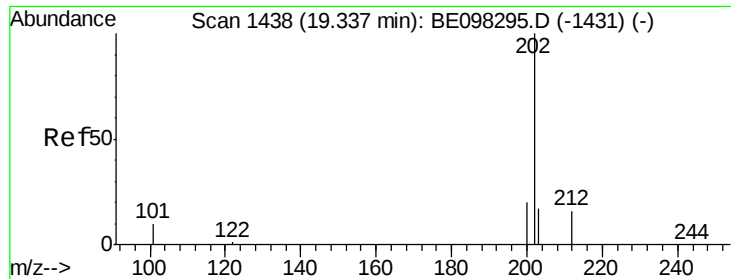
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

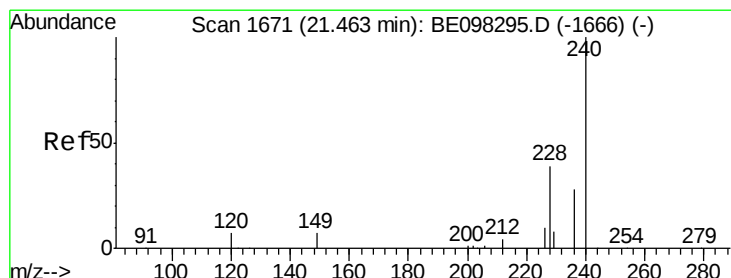
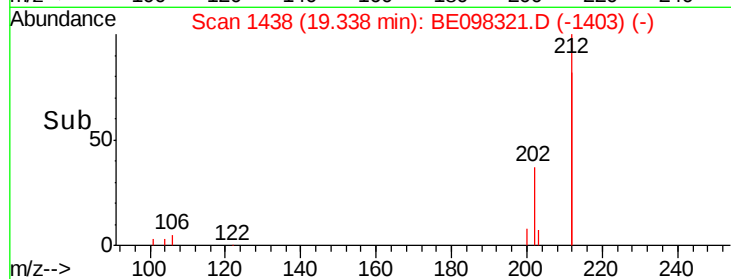
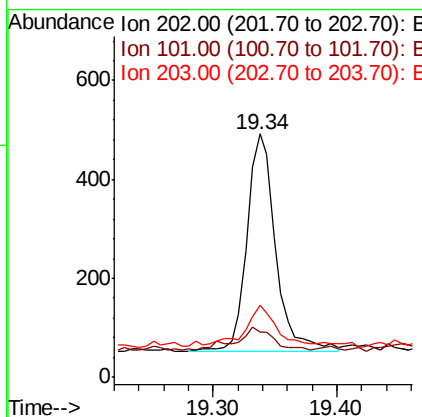
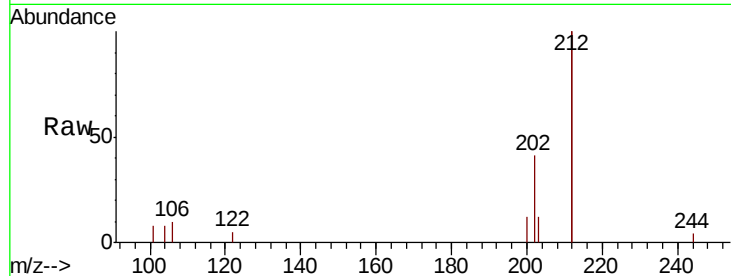




#26
Fluoranthene
Concen: 0.024 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098321.D
Acq: 11 Dec 2018 5:52

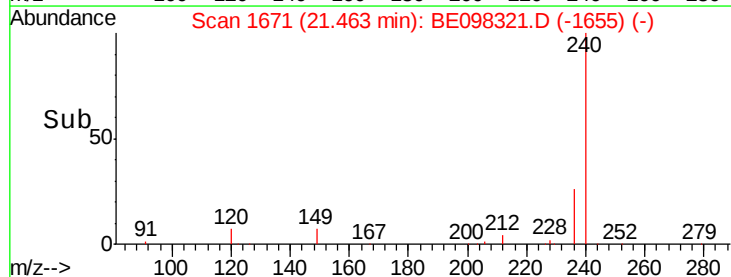
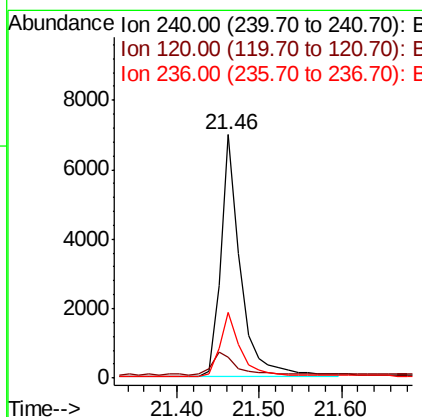
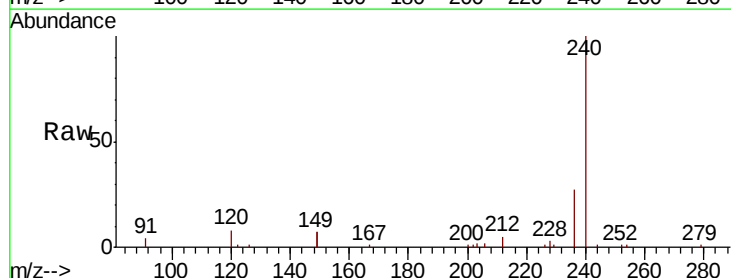
Instrument :
BNA_E
ClientSampleId :
BP-DUP01-20181204

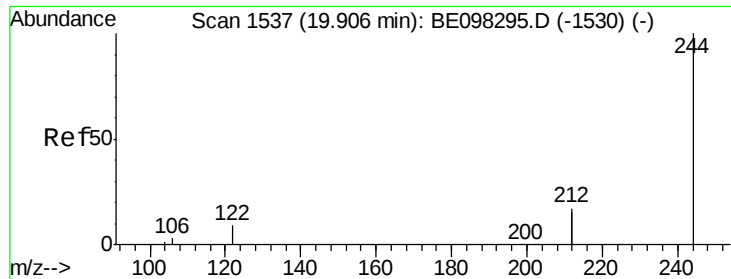
Tgt Ion: 202 Resp: 709
Ion Ratio Lower Upper
202 100
101 13.7 8.0 12.0#
203 18.2 13.8 20.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098321.D
Acq: 11 Dec 2018 5:52

Tgt Ion: 240 Resp: 11646
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 26.9 22.7 34.1





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20181204

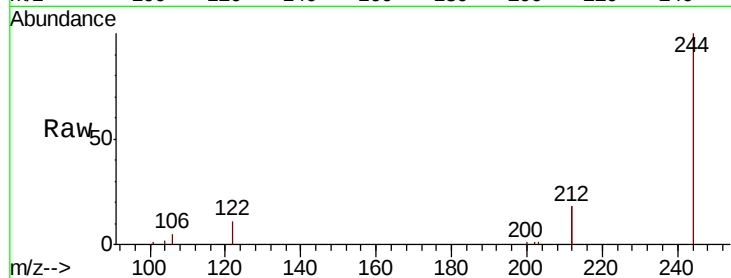
Tgt Ion:244 Resp: 11100

Ion Ratio Lower Upper

244 100

212 36.6 27.4 41.0

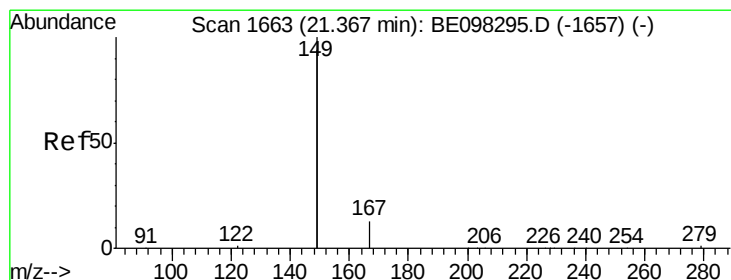
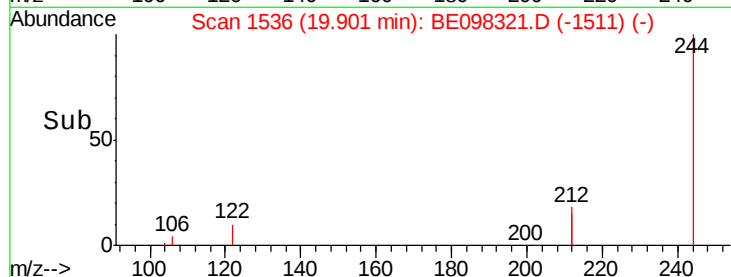
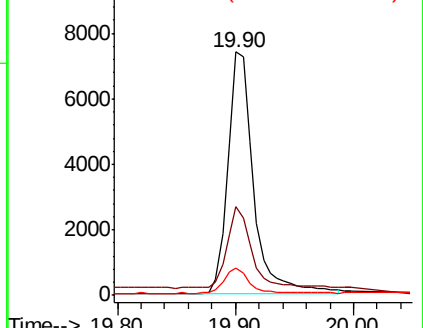
122 11.2 8.3 12.5



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: 0.048 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

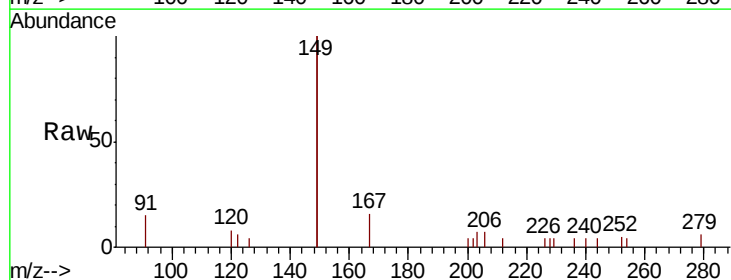
Tgt Ion:149 Resp: 3202

Ion Ratio Lower Upper

149 100

167 7.7 5.7 8.5

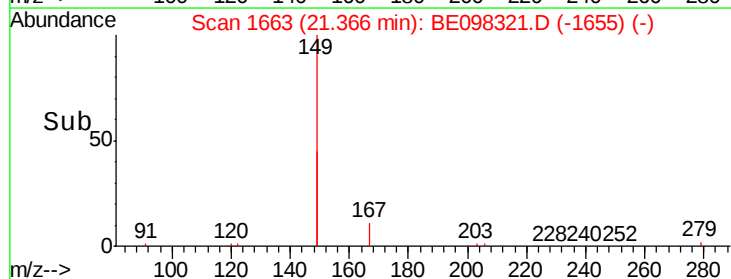
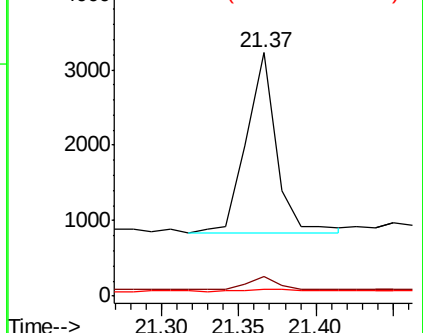
279 2.0 1.0 1.4#

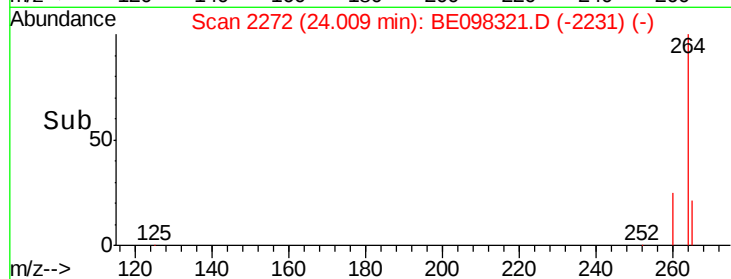
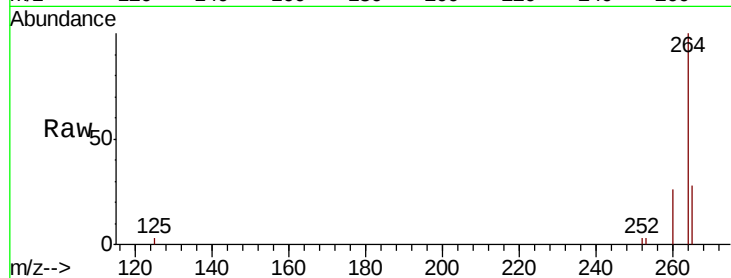
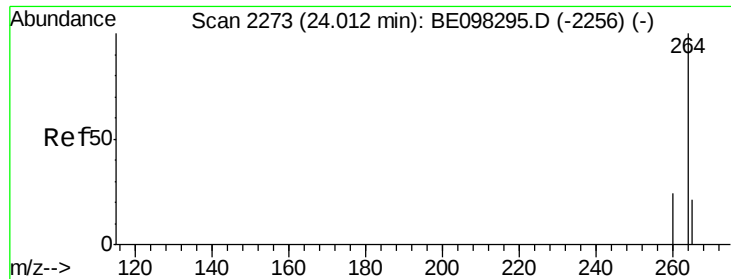


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098321.D

Acq: 11 Dec 2018 5:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20181204

Tgt Ion: 264 Resp: 11318

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 28.2 25.2 37.8

