

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098346.D
 Acq On : 11 Dec 2018 23:17
 Operator : SJ/JU
 Sample : J6314-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:25:24 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

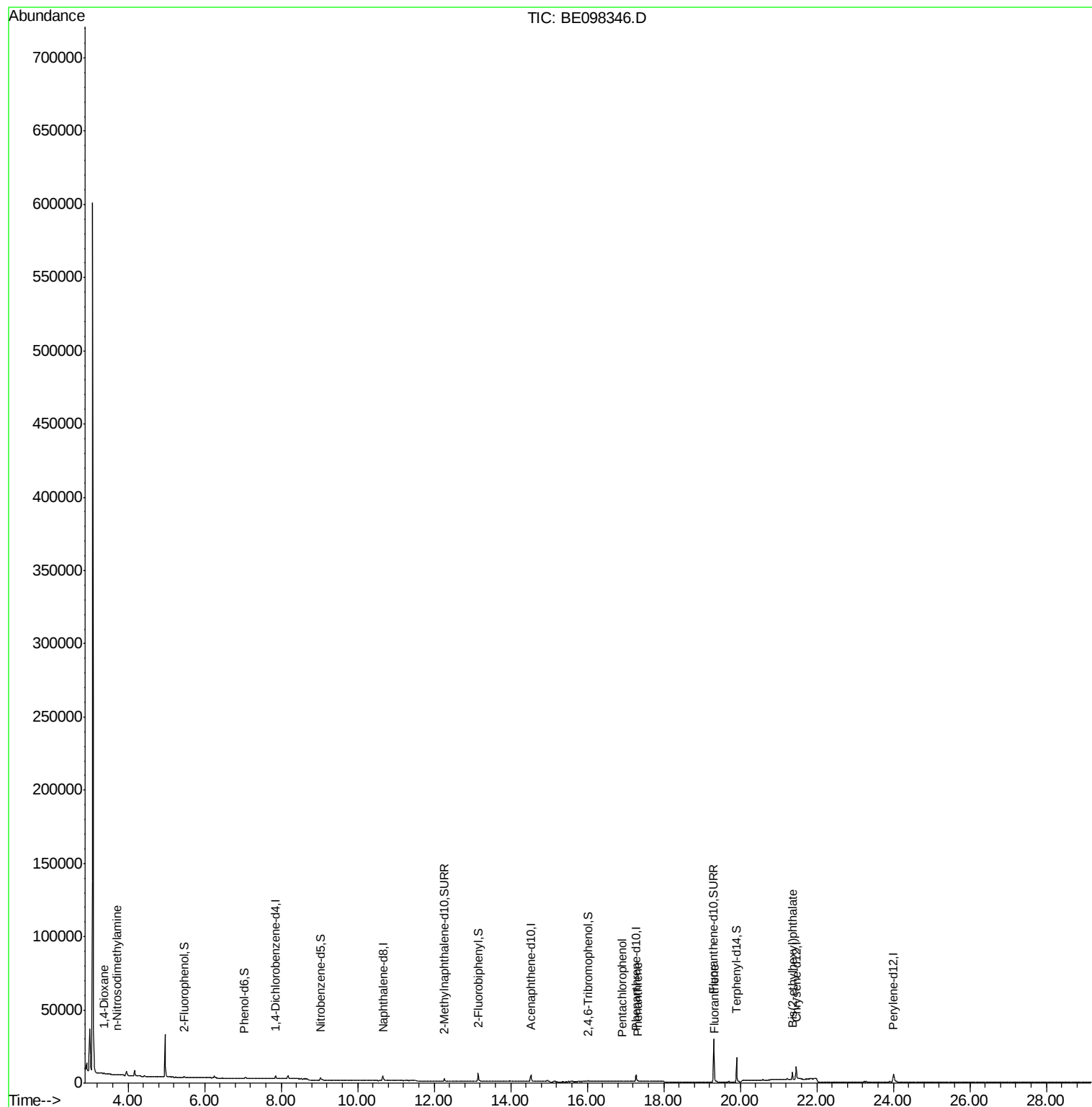
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1115	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4755	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3065	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8220	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10095	0.40	ng	0.00
34) Perylene-d12	24.01	264	9524	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	477	0.18	ng	0.00
5) Phenol-d6	7.04	99	307	0.08	ng	0.00
8) Nitrobenzene-d5	9.03	82	1694	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3049	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	548	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6842	0.53	ng	0.00
25) Fluoranthene-d10	19.31	212	44281	0.42	ng	0.00
29) Terphenyl-d14	19.90	244	15531	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	408	0.212	ng	# 69
3) n-Nitrosodimethylamine	3.70	42	60	0.035	ng	# 100
22) Pentachlorophenol	16.91	266	5	0.023	ng	# 70
23) Phenanthrene	17.31	178	424	0.021	ng	95
26) Fluoranthene	19.34	202	540	0.020	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.37	149	5621	0.096	ng	# 99

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

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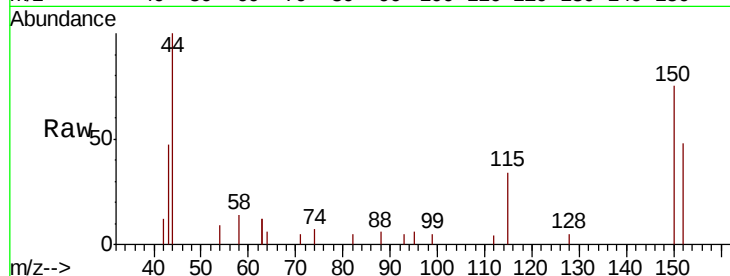


#1

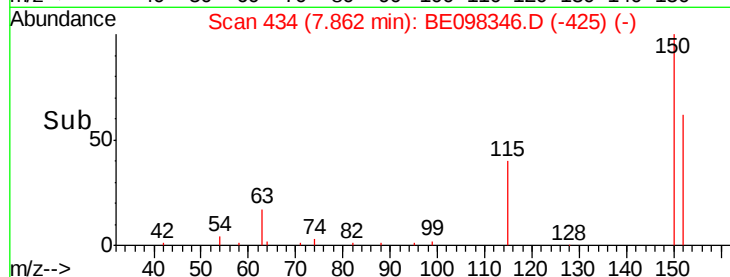
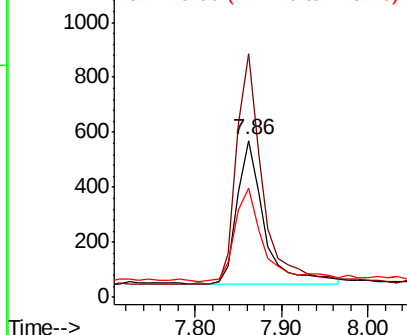
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098346.D
Acq: 11 Dec 2018 23:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1115
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.4
115 69.5 53.9 80.9



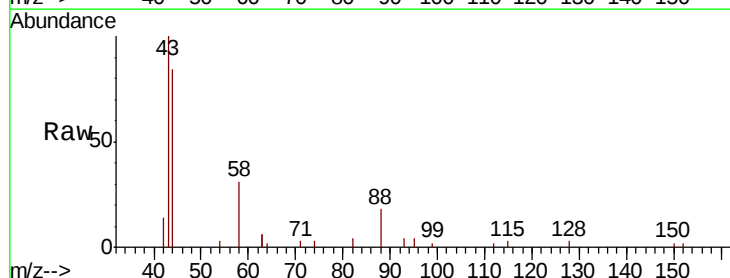
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



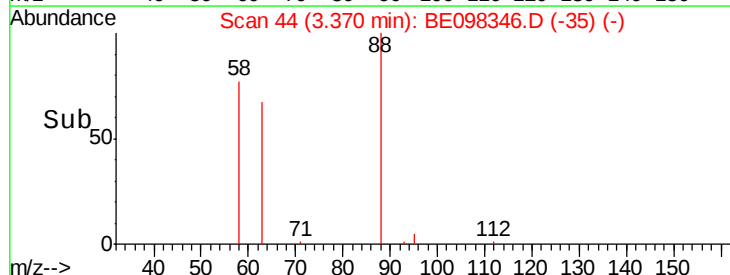
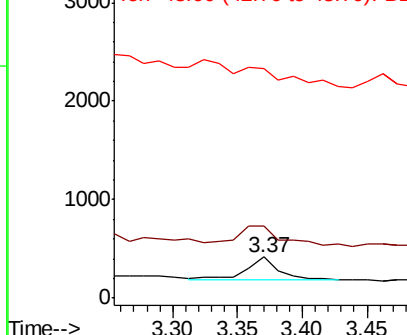
#2

1,4-Dioxane
Concen: 0.212 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098346.D
Acq: 11 Dec 2018 23:17

Tgt Ion: 88 Resp: 408
Ion Ratio Lower Upper
88 100
58 103.4 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



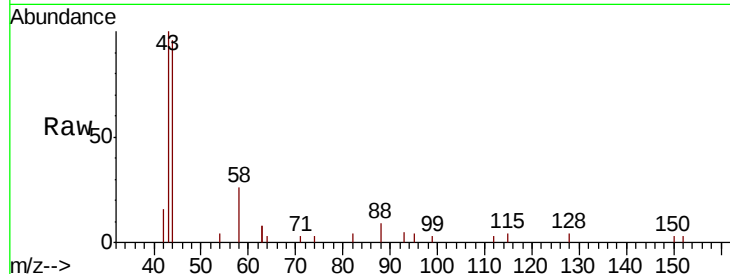


#3

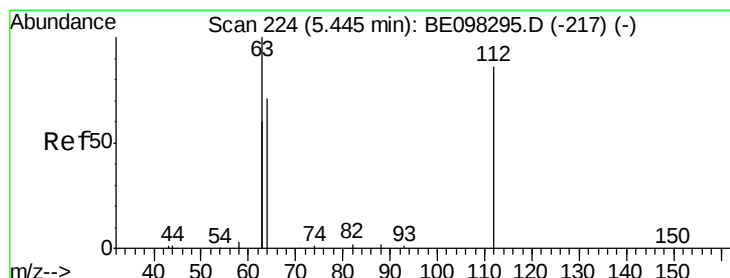
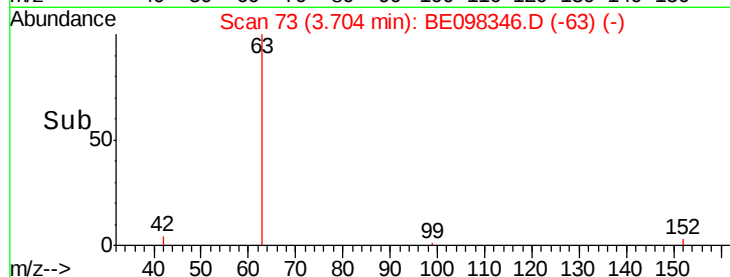
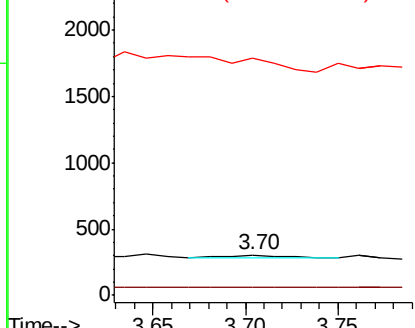
n-Nitrosodimethylamine
 Concen: 0.035 ng
 RT: 3.70 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE098346.D
 Acq: 11 Dec 2018 23:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 60
 Ion Ratio Lower Upper
 42 100
 74 3.3 0.0 0.0#
 44 0.0 0.0 0.0



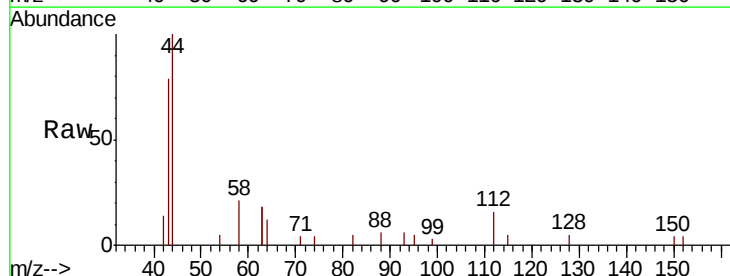
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



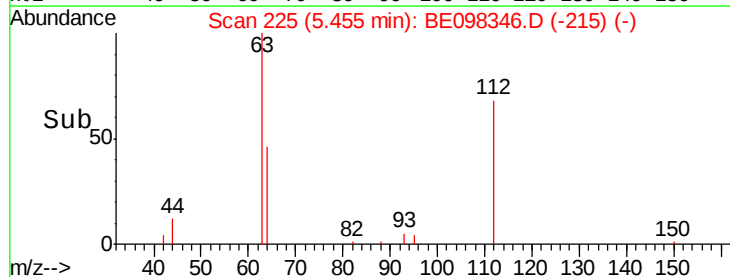
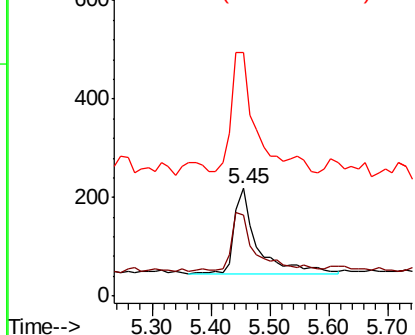
#4

2-Fluorophenol
 Concen: 0.183 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098346.D
 Acq: 11 Dec 2018 23:17

Tgt Ion: 112 Resp: 477
 Ion Ratio Lower Upper
 112 100
 64 64.4 59.8 89.8
 63 130.6 133.7 200.5#



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: 0.083 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098346.D

Acq: 11 Dec 2018 23:17

Instrument :

BNA_E

ClientSampleId :

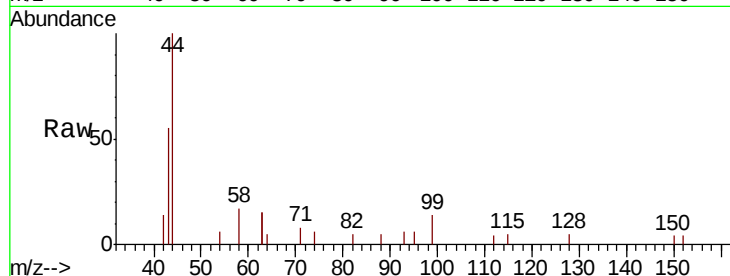
Tot Ion: 99 Resp: 307

Ion Ratio Lower Upper

99 100

42 46.9 26.3 39.5#

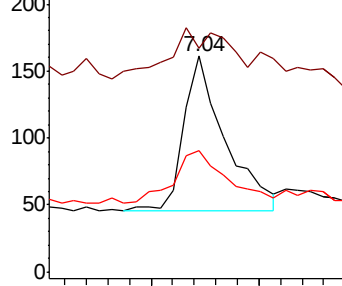
71 44.0 33.6 50.4



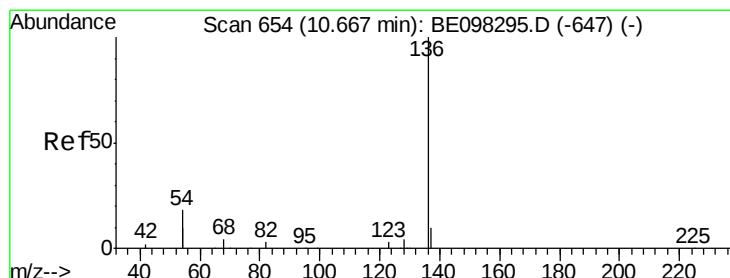
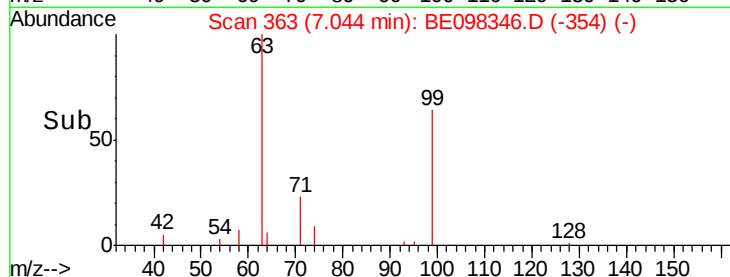
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098346.D

Acq: 11 Dec 2018 23:17

Tgt Ion: 136 Resp: 4755

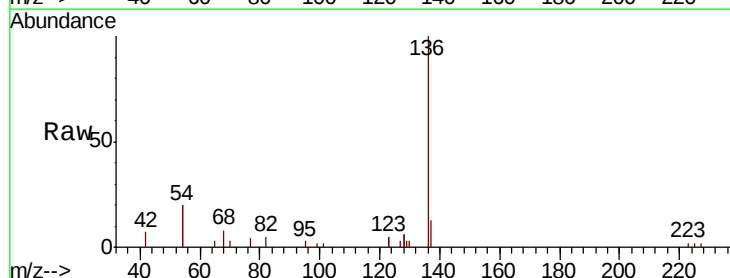
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 40.8 28.4 42.6

68 7.8 5.4 8.0

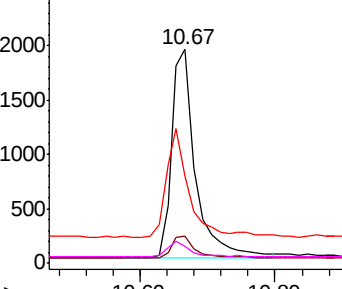


Abundance Ion 136.00 (135.70 to 136.70): E

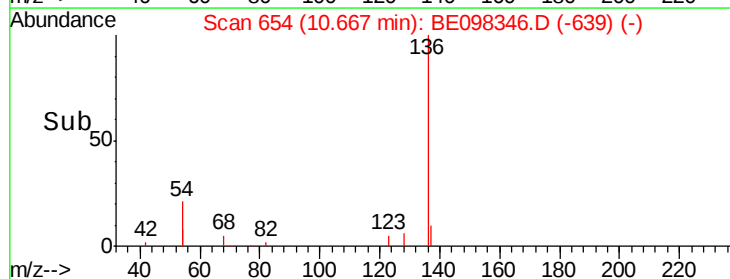
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

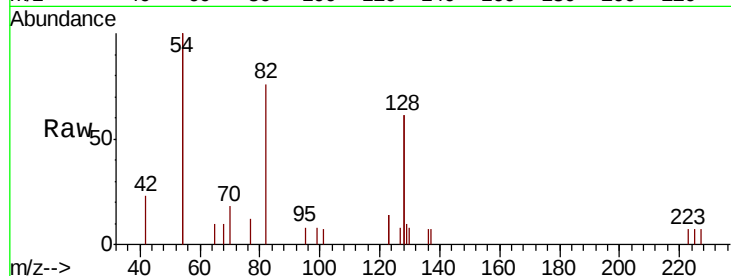




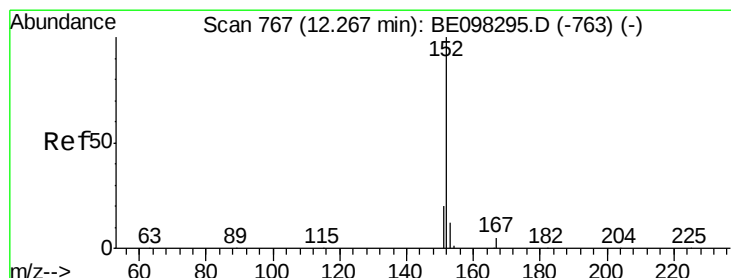
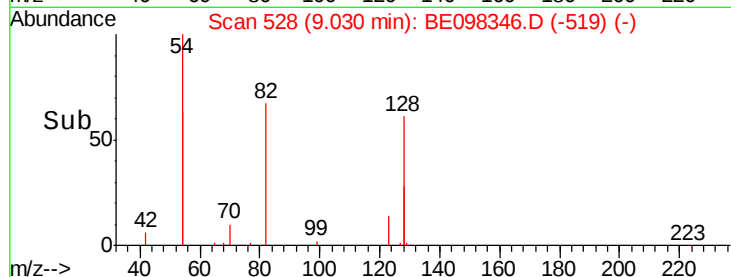
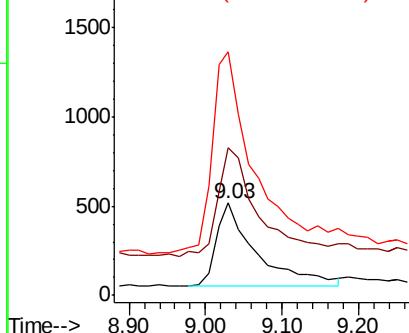
#8
 Nitrobenzene-d5
 Concen: 0.391 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098346.D
 Acq: 11 Dec 2018 23:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 1694
 Ion Ratio Lower Upper
 82 100
 128 160.5 102.4 153.6#
 54 264.7 221.8 332.8

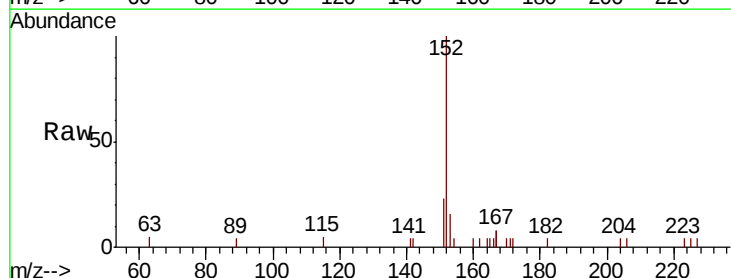


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

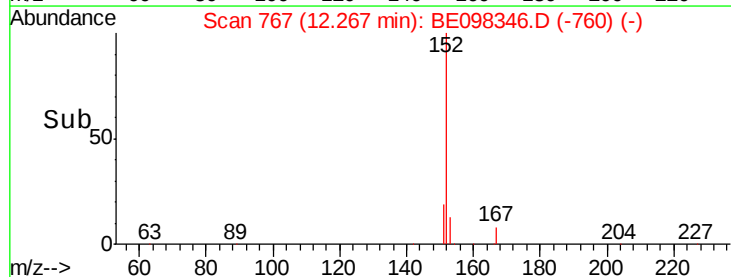
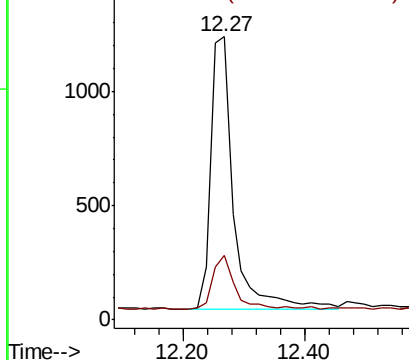


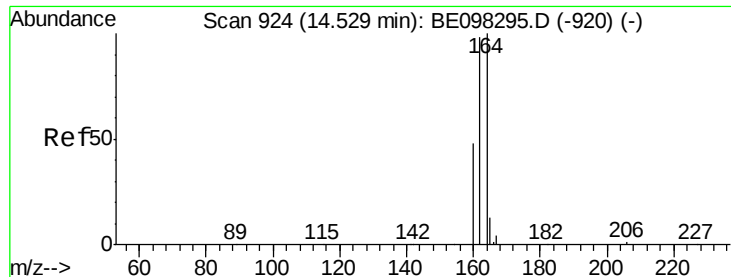
#11
 2-Methylnaphthalene-d10
 Concen: 0.394 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098346.D
 Acq: 11 Dec 2018 23:17

Tgt Ion:152 Resp: 3049
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

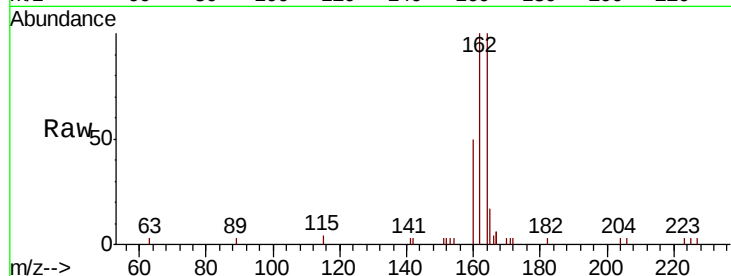




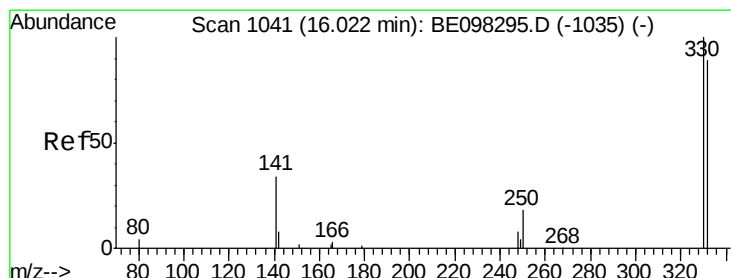
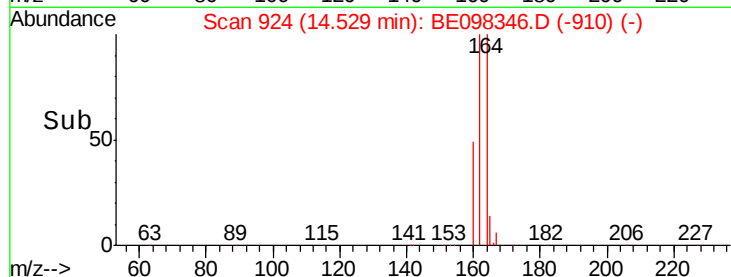
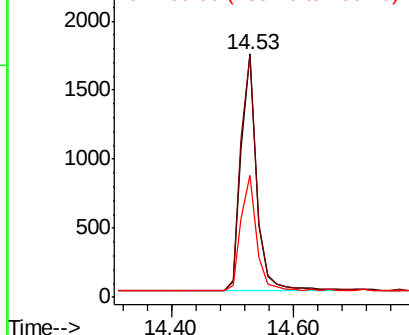
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098346.D
Acq: 11 Dec 2018 23:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3065
Ion Ratio Lower Upper
164 100
162 99.5 77.6 116.4
160 50.0 36.0 54.0

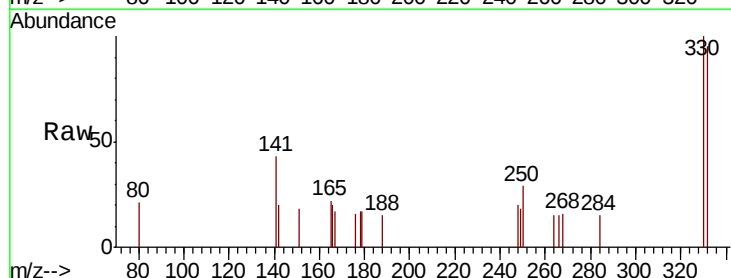


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

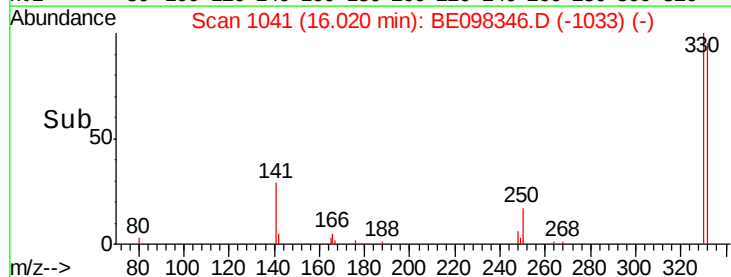
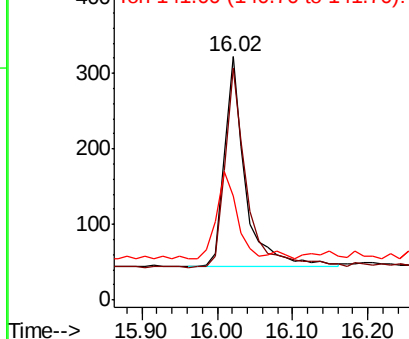


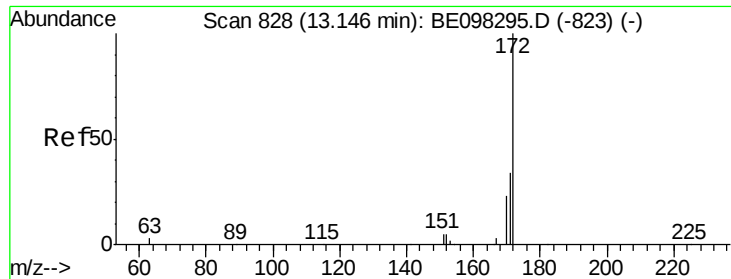
#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098346.D
Acq: 11 Dec 2018 23:17

Tgt Ion:330 Resp: 548
Ion Ratio Lower Upper
330 100
332 99.8 76.2 114.4
141 39.6 39.0 58.4



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

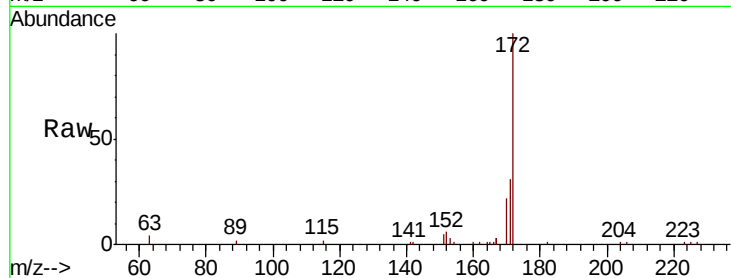




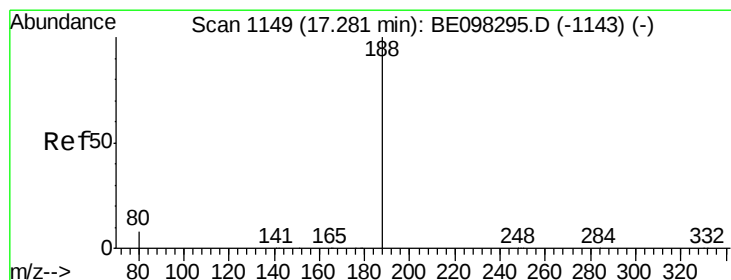
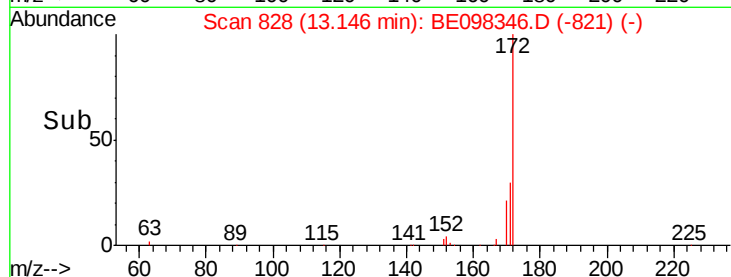
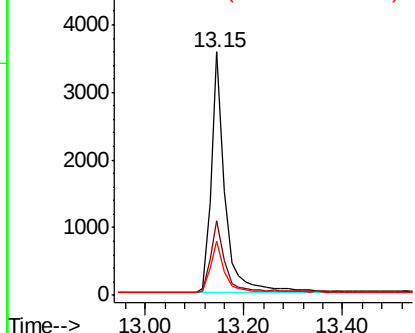
#15
2-Fluorobiphenyl
Concen: 0.529 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098346.D
Acq: 11 Dec 2018 23:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6842
Ion Ratio Lower Upper
172 100
171 30.7 27.5 41.3
170 22.1 19.6 29.4

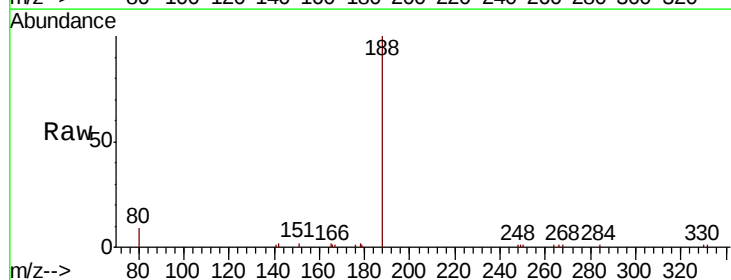


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

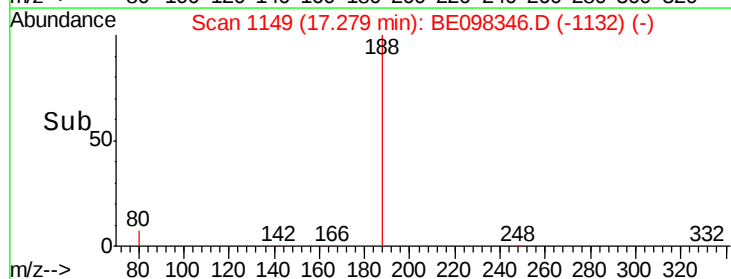
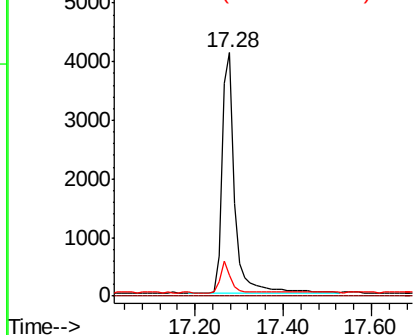


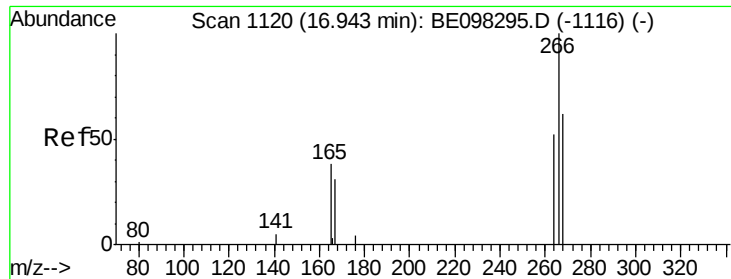
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098346.D
Acq: 11 Dec 2018 23:17

Tgt Ion:188 Resp: 8220
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 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

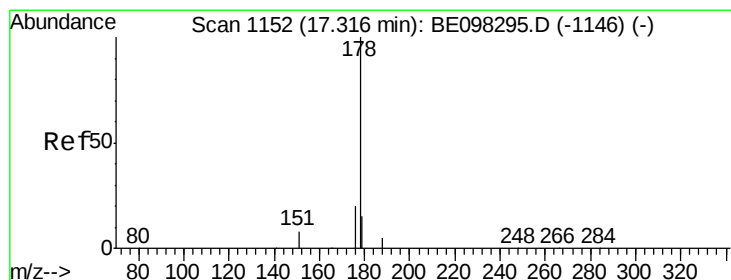
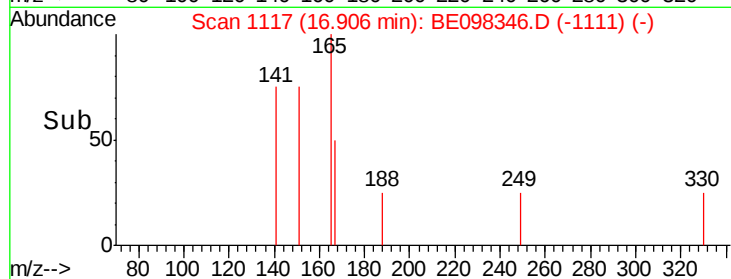
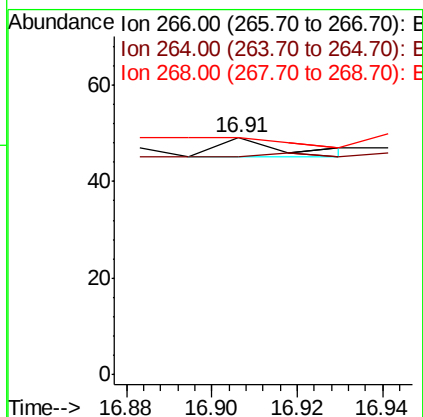
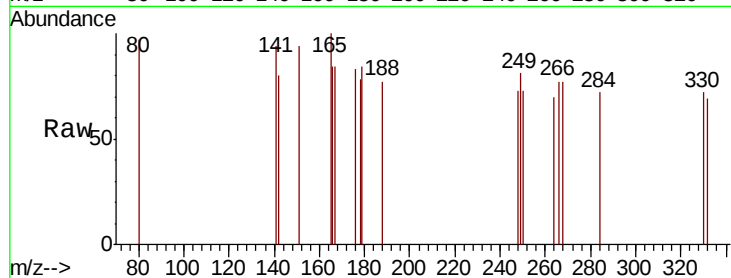




#22
 Pentachlorophenol
 Concen: 0.023 ng
 RT: 16.91 min Scan# 1117
 Delta R.T. -0.04 min
 Lab File: BE098346.D
 Acq: 11 Dec 2018 23:17

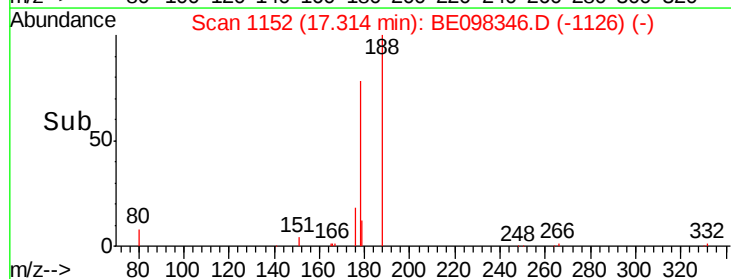
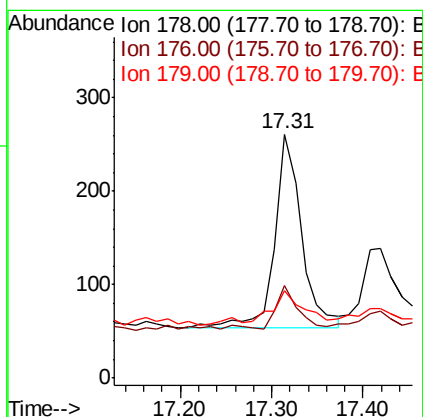
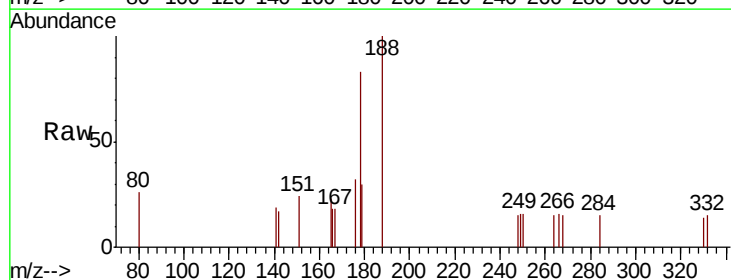
Instrument :
 BNA_E
 ClientSampleId :

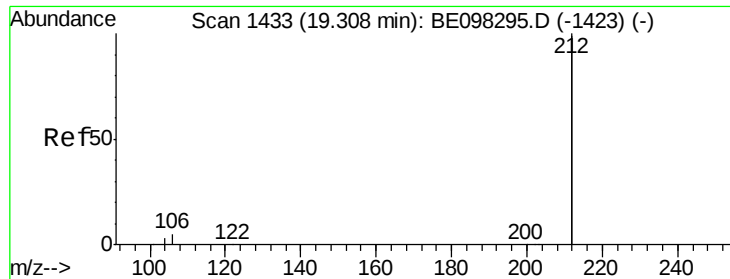
Tot Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 91.8 59.0 88.4#
 268 100.0 55.1 82.7#



#23
 Phenanthrene
 Concen: 0.021 ng
 RT: 17.31 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE098346.D
 Acq: 11 Dec 2018 23:17

Tgt Ion:178 Resp: 424
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.9 23.9
 179 17.9 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.420 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098346.D

Acq: 11 Dec 2018 23:17

Instrument :

BNA_E

ClientSampleId :

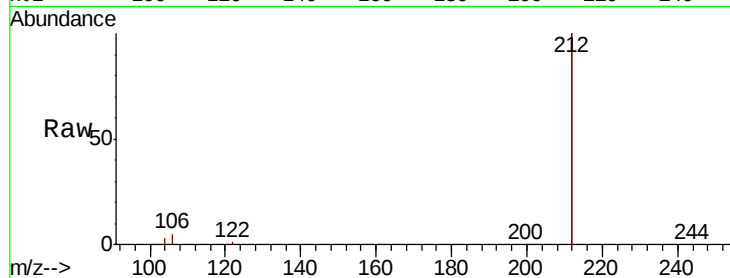
Tot Ion:212 Resp: 44281

Ion Ratio Lower Upper

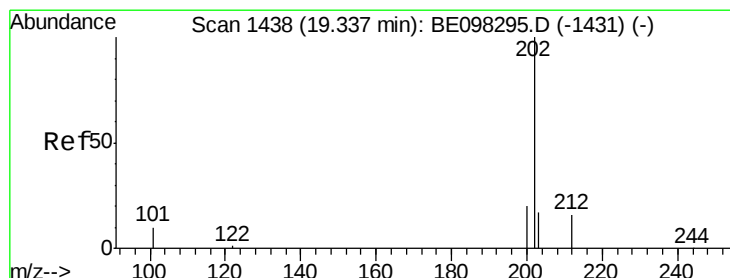
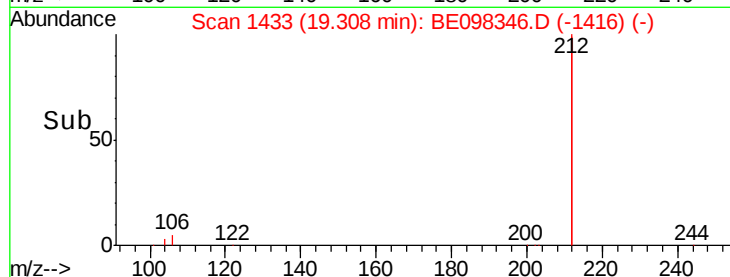
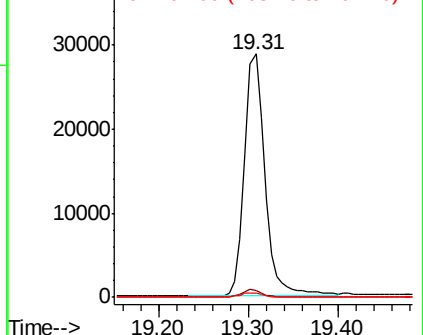
212 100

106 2.8 2.2 3.2

104 1.5 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



#26

Fluoranthene

Concen: 0.020 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE098346.D

Acq: 11 Dec 2018 23:17

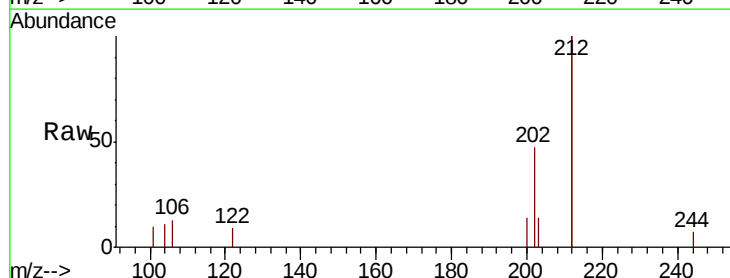
Tgt Ion:202 Resp: 540

Ion Ratio Lower Upper

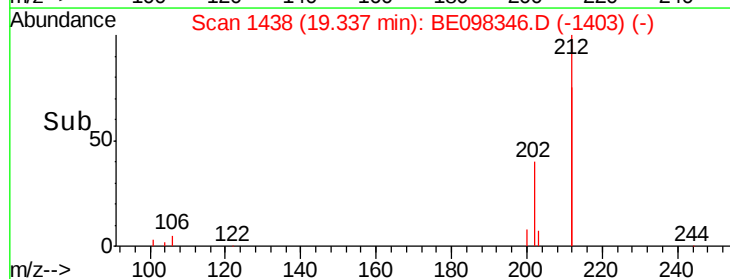
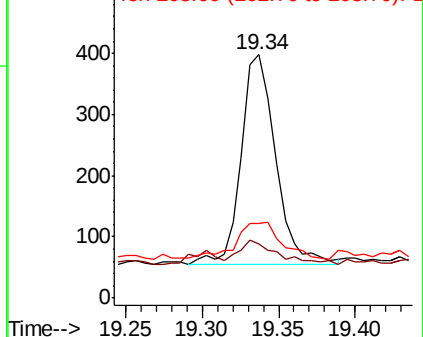
202 100

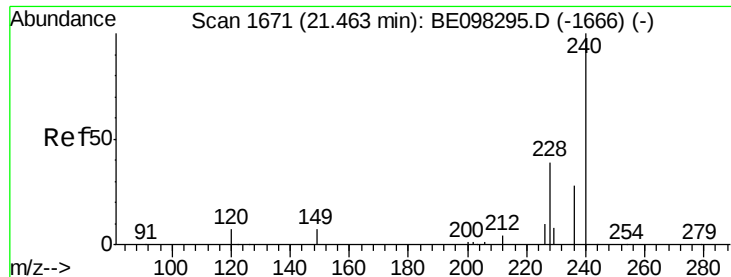
101 12.0 8.0 12.0#

203 23.5 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098346.D

Acq: 11 Dec 2018 23:17

Instrument :

BNA_E

ClientSampleId :

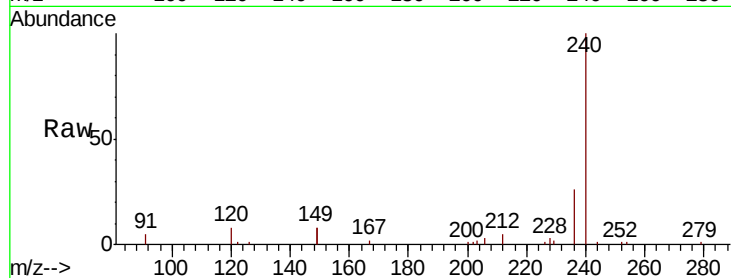
Tot Ion:240 Resp: 10095

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

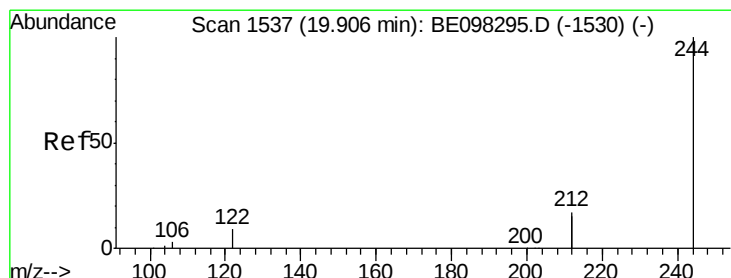
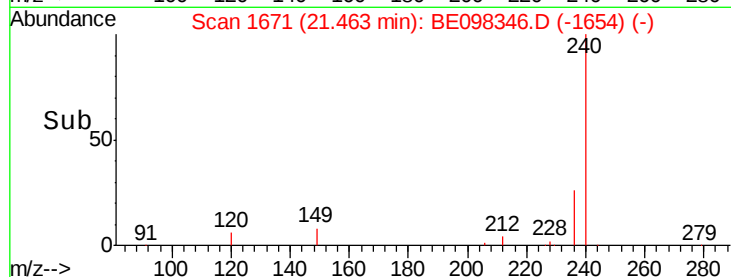
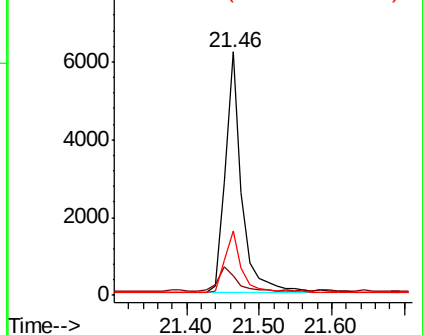
236 26.4 22.7 34.1



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: 0.633 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098346.D

Acq: 11 Dec 2018 23:17

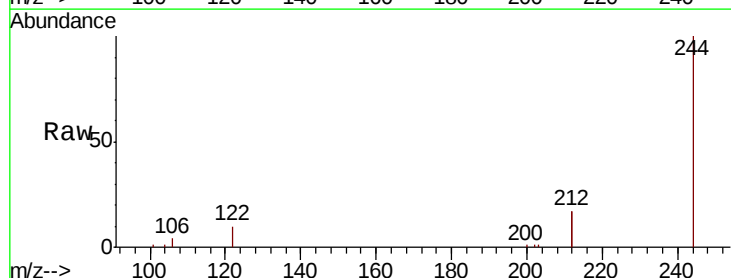
Tgt Ion:244 Resp: 15531

Ion Ratio Lower Upper

244 100

212 34.2 27.4 41.0

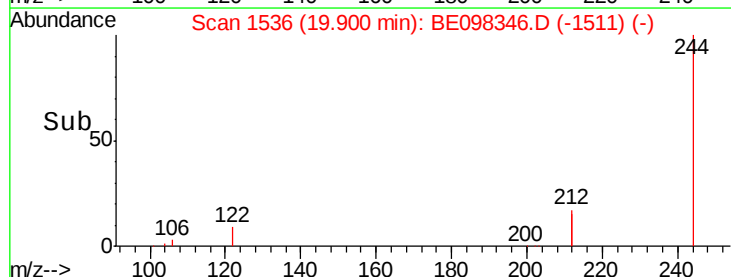
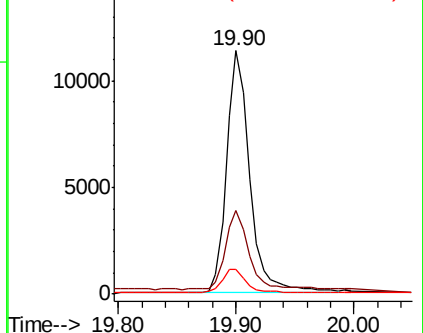
122 10.0 8.3 12.5

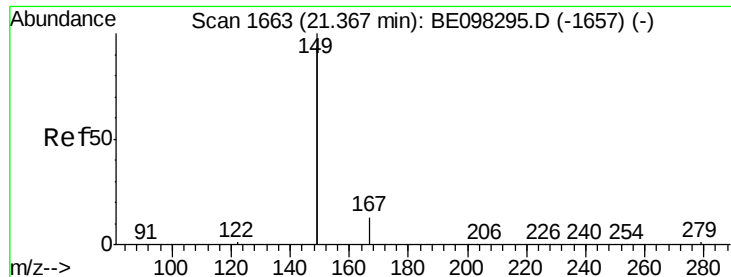


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.096 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098346.D

Acq: 11 Dec 2018 23:17

Instrument :

BNA_E

ClientSampleId :

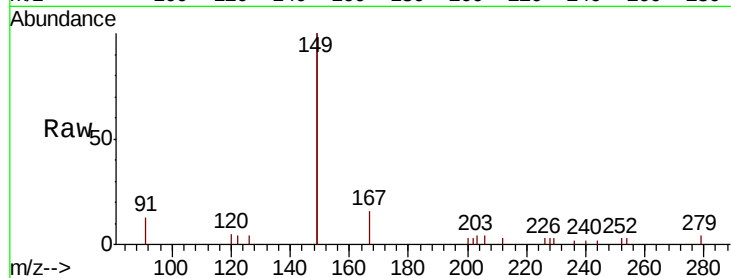
Tot Ion:149 Resp: 5621

Ion Ratio Lower Upper

149 100

167 7.0 5.7 8.5

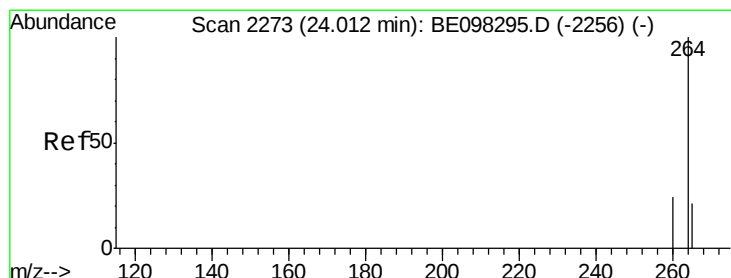
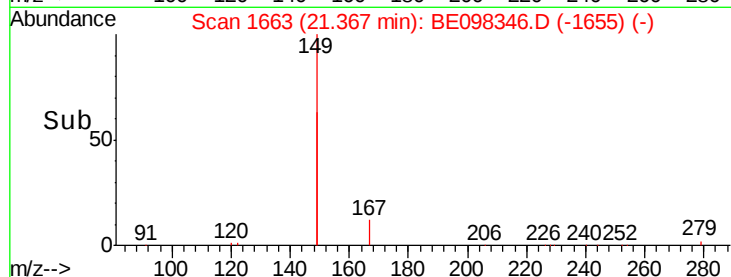
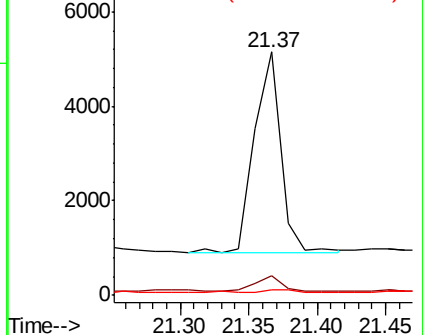
279 1.6 1.0 1.4#



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: BE098346.D

Acq: 11 Dec 2018 23:17

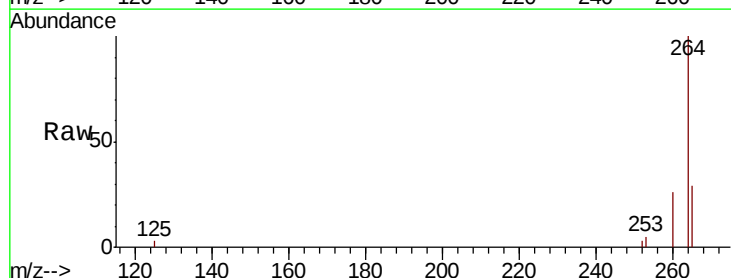
Tgt Ion:264 Resp: 9524

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 29.1 25.2 37.8



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

