

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
 Data File : BE096226.D
 Acq On : 30 Apr 2018 17:45
 Operator : SJ/JU
 Sample : J2463-08RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC50MW002-180417RE

Quant Time: May 01 02:29:17 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	372	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	1363	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	737	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	1792	0.40	ng	0.00
27) Chrysene-d12	21.74	240	1900	0.40	ng	0.00
34) Perylene-d12	24.35	264	1714	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.88	112	72	0.06	ng	0.02
5) Phenol-d6	7.52	99	180	0.11	ng	0.00
8) Nitrobenzene-d5	9.54	82	1402	0.88	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1691	0.78	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	99	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2793	0.89	ng	0.00
25) Fluoranthene-d10	19.64	212	20592	0.85	ng	0.00
29) Terphenyl-d14	20.19	244	3489	0.83	ng	0.00

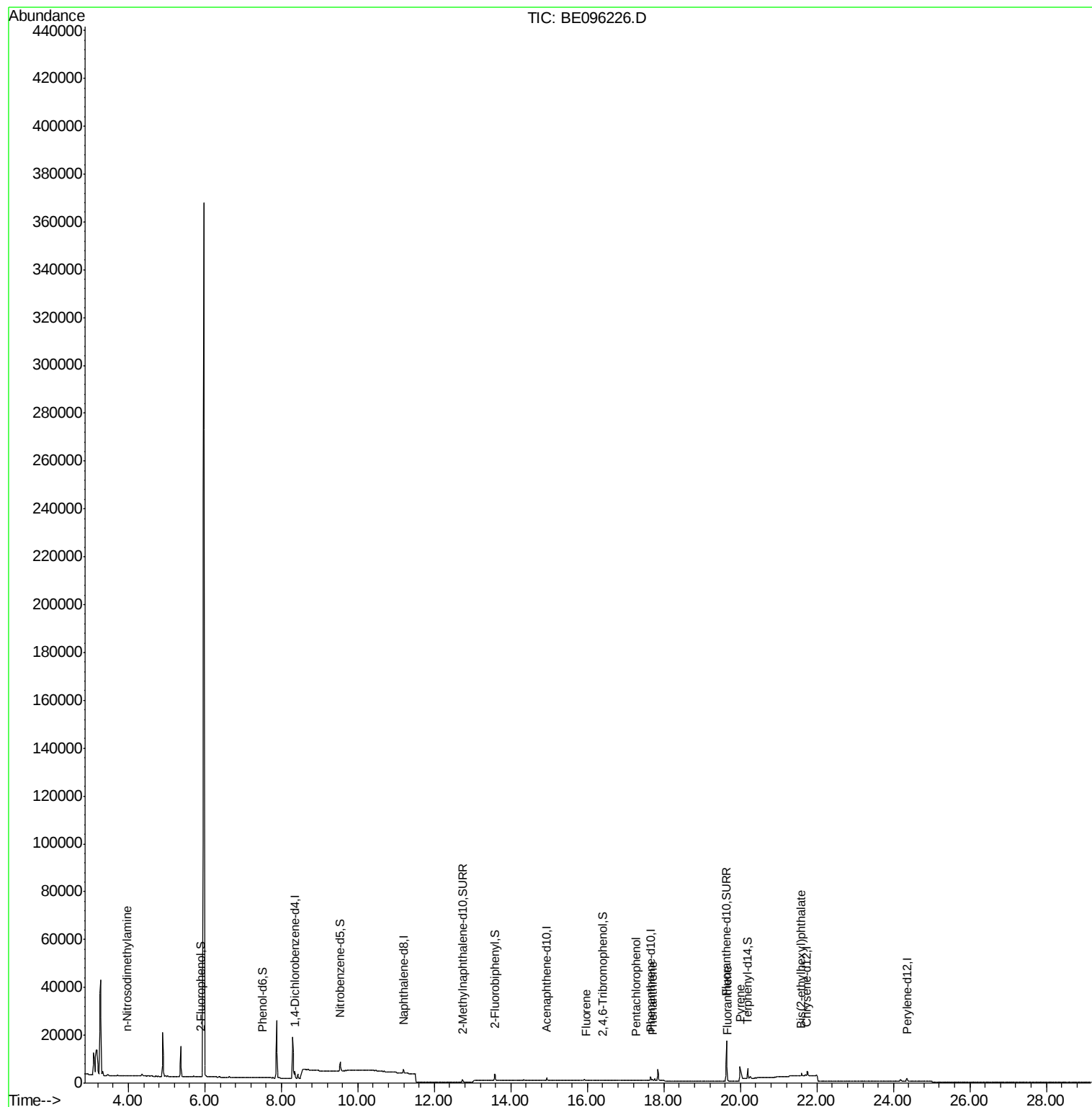
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.97	42	18	0.026	ng	# 1
18) Fluorene	15.97	166	205	0.070	ng	# 72
22) Pentachlorophenol	17.26	266	25	0.187	ng	# 72
23) Phenanthrene	17.69	178	397	0.079	ng	# 83
26) Fluoranthene	19.66	202	267	0.040	ng	# 92
28) Pyrene	20.00	202	97	0.026	ng	# 31
32) Bis(2-ethylhexyl)phthalate	21.60	149	1566	0.100	ng	# 93

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

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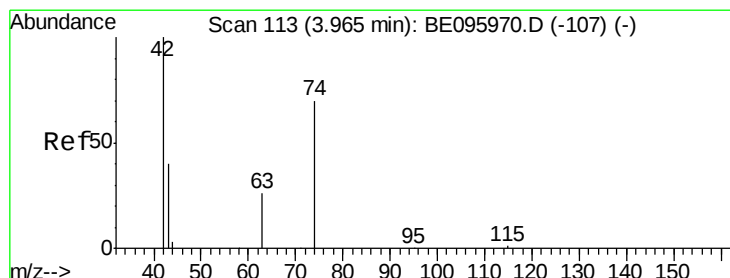
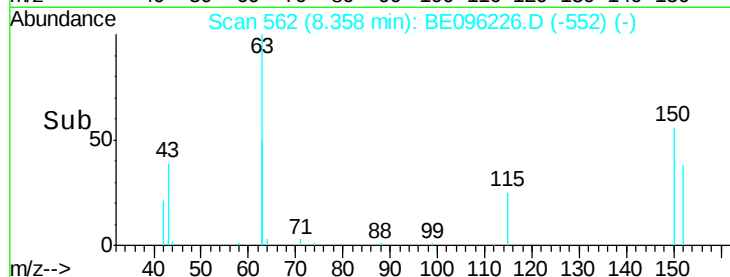
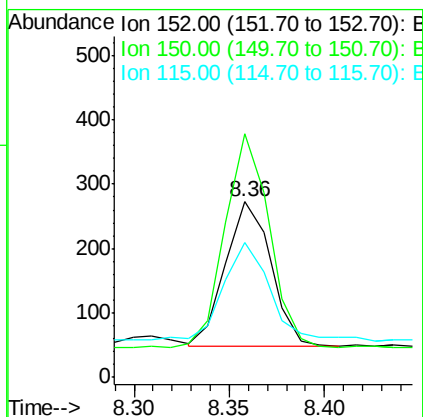
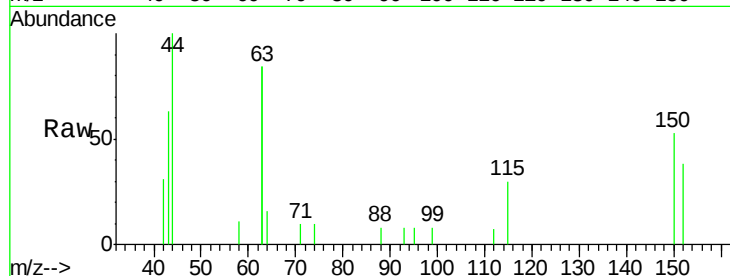


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096226.D
Acq: 30 Apr 2018 17:45

Instrument :
BNA_E
ClientSampleId :
AOC50MW002-180417RE

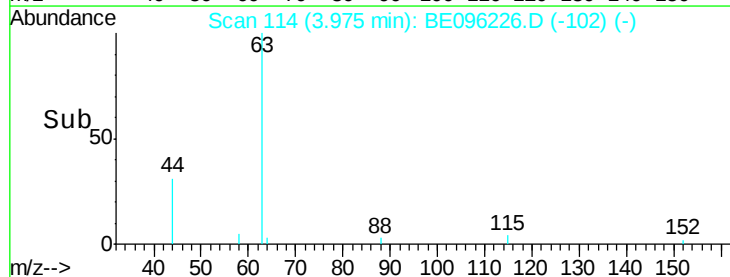
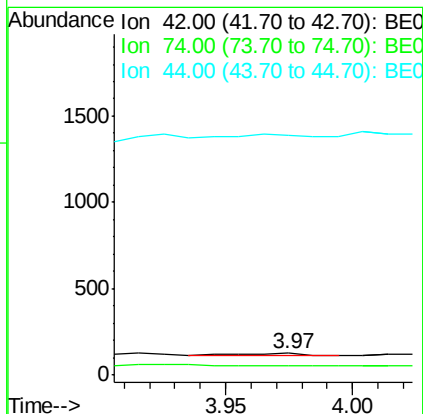
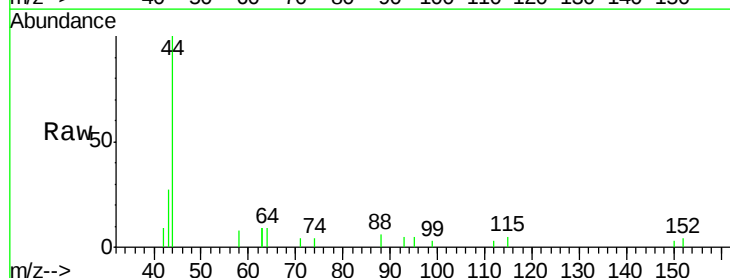
Tgt Ion:152 Resp: 372
Ion Ratio Lower Upper
152 100
150 139.0 117.2 175.8
115 76.8 57.0 85.6

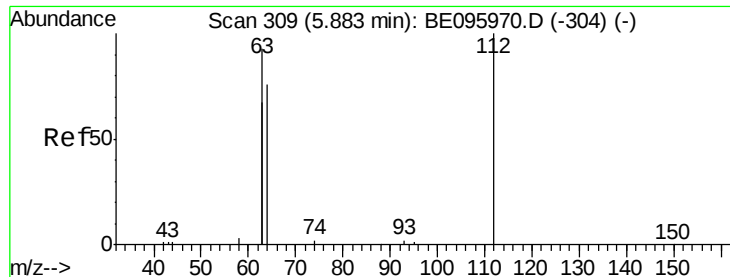


#3

n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.97 min Scan# 114
Delta R.T. 0.02 min
Lab File: BE096226.D
Acq: 30 Apr 2018 17:45

Tgt Ion: 42 Resp: 18
Ion Ratio Lower Upper
42 100
74 0.0 96.0 144.0#
44 138.9 12.0 18.0#





#4

2-Fluorophenol

Concen: 0.063 ng

RT: 5.88 min Scan# 309

Delta R.T. 0.02 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-180417RE

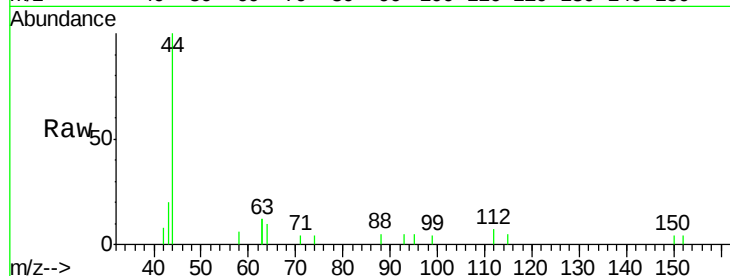
Tgt Ion: 112 Resp: 72

Ion Ratio Lower Upper

112 100

64 180.6 60.1 90.1#

63 233.3 116.8 175.2#

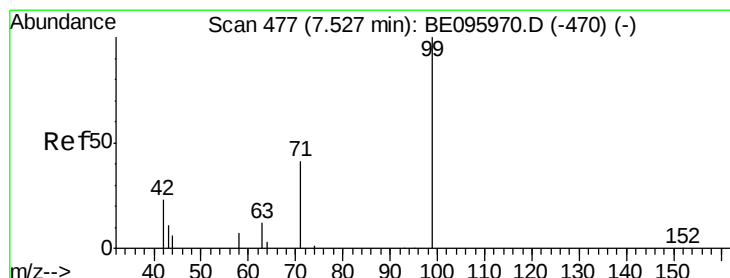
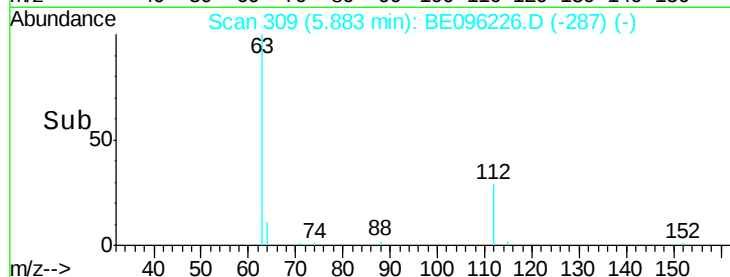


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time--> 5.80 5.85 5.90



#5

Phenol-d6

Concen: 0.113 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

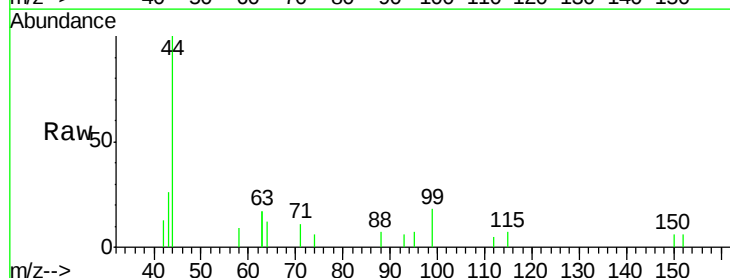
Tgt Ion: 99 Resp: 180

Ion Ratio Lower Upper

99 100

42 54.4 20.2 30.2#

71 72.2 28.4 42.6#

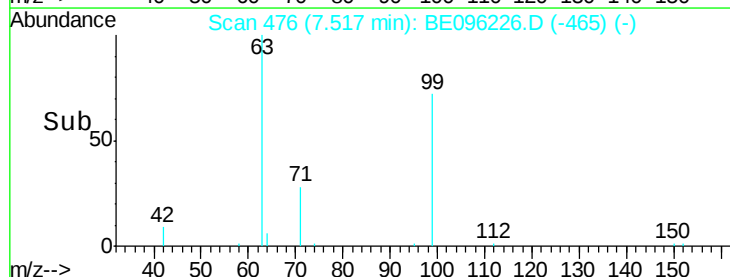


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time--> 7.40 7.45 7.50 7.55 7.60





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-180417RE

Tgt Ion:136 Resp: 1363

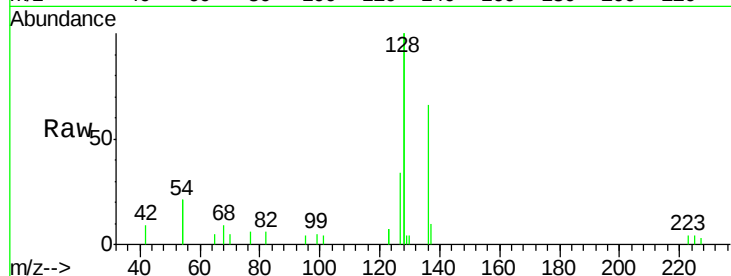
Ion Ratio Lower Upper

136 100

137 15.7 9.5 14.3#

54 64.0 29.1 43.7#

68 14.1 6.2 9.2#

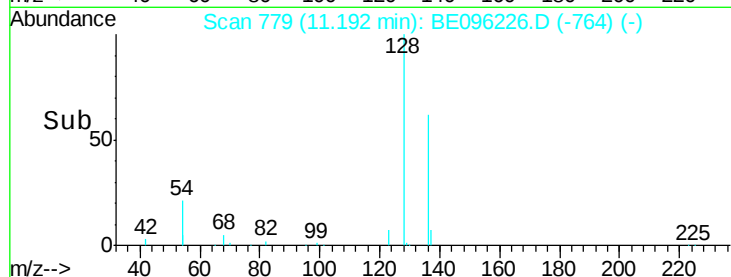


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

11.19

800

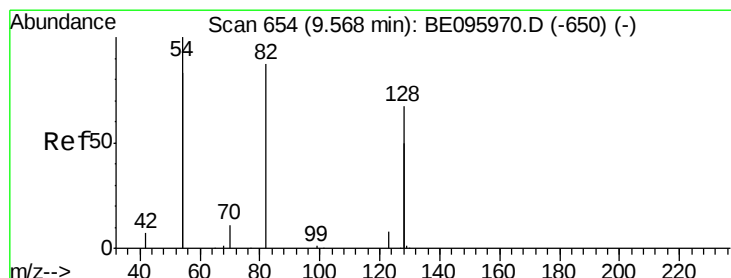
600

400

200

0

Time-->



#8

Nitrobenzene-d5

Concen: 0.877 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

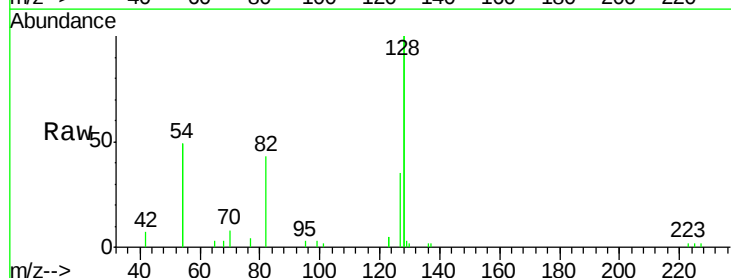
Tgt Ion: 82 Resp: 1402

Ion Ratio Lower Upper

82 100

128 464.0 150.0 225.0#

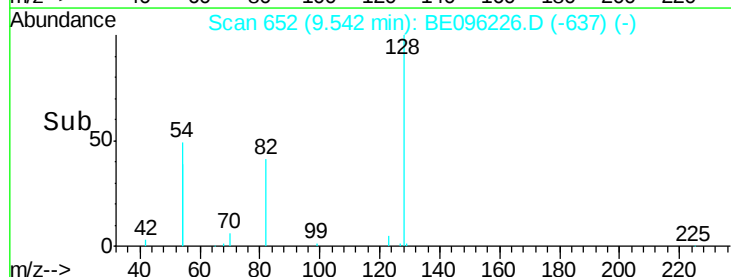
54 227.7 154.2 231.4



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



Abundance

9.54

5000

4000

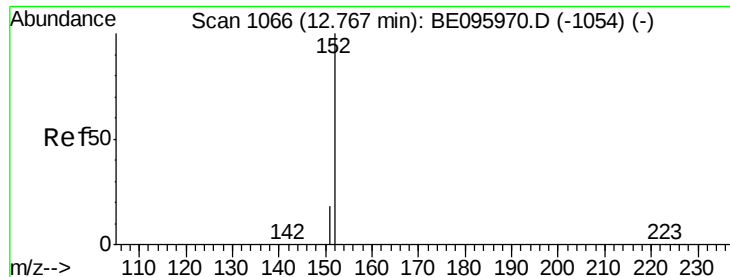
3000

2000

1000

0

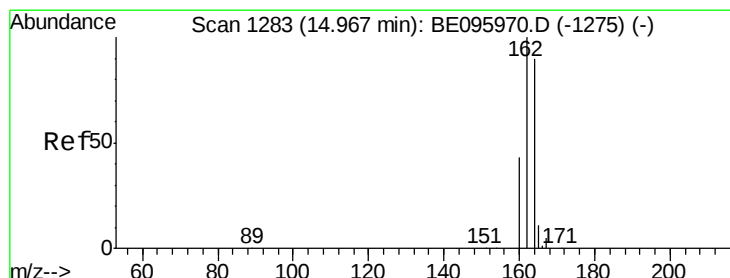
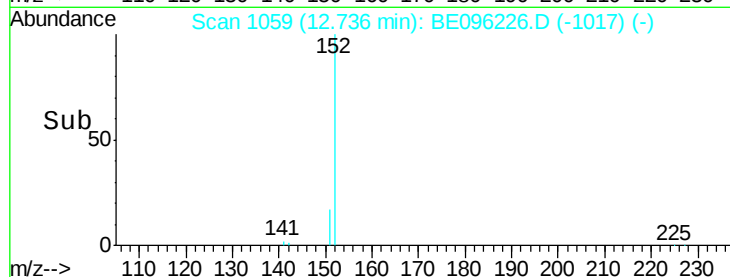
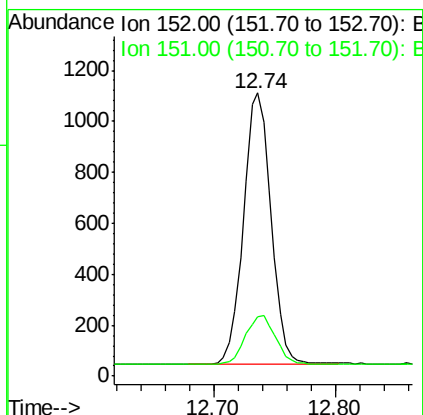
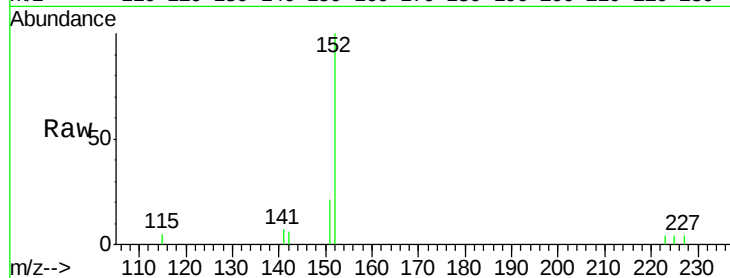
Time-->



#11
 2-Methylnaphthalene-d10
 Concen: 0.783 ng
 RT: 12.74 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BE096226.D
 Acq: 30 Apr 2018 17:45

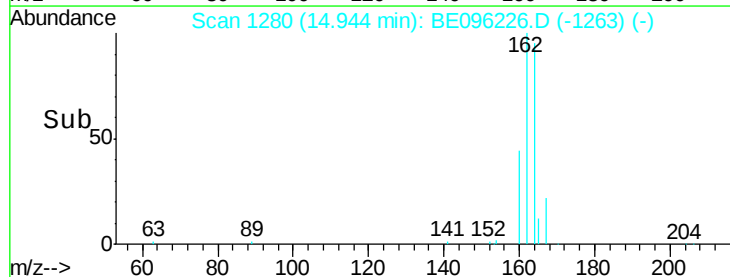
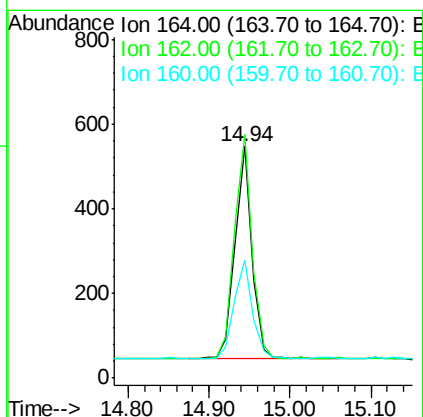
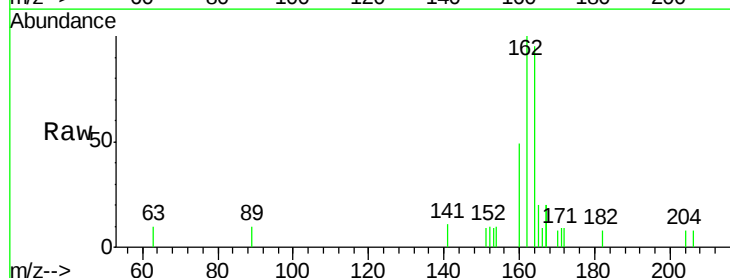
Instrument :
 BNA_E
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 AOC50MW002-180417RE

Tgt Ion:152 Resp: 1691
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.94 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BE096226.D
 Acq: 30 Apr 2018 17:45

Tgt Ion:164 Resp: 737
 Ion Ratio Lower Upper
 164 100
 162 105.1 83.1 124.7
 160 51.2 37.1 55.7

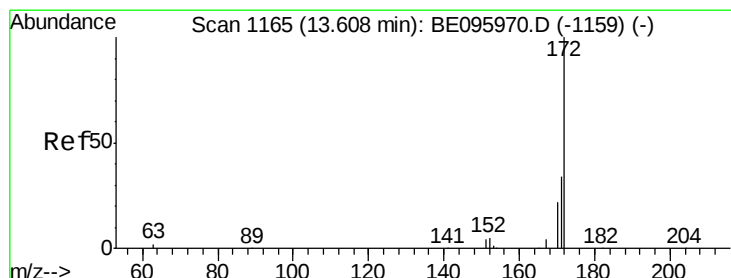
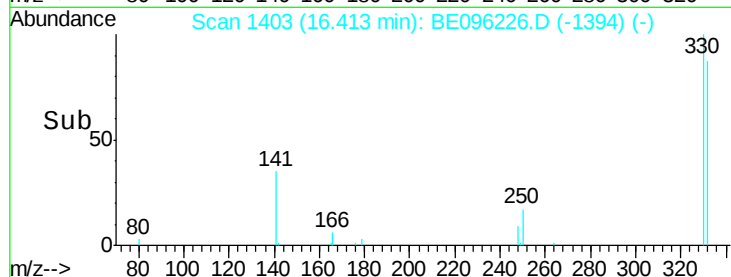
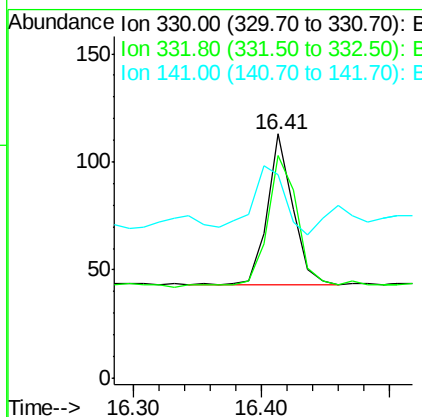
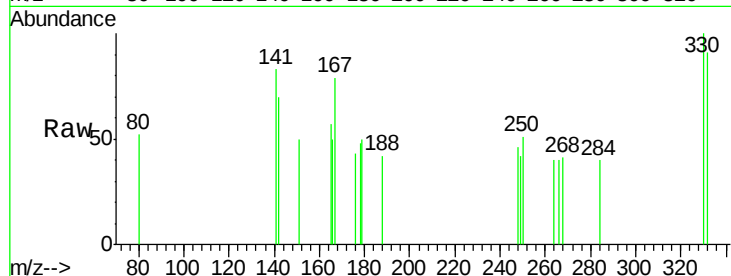




#14
 2,4,6-Tribromophenol
 Concen: 0.278 ng
 RT: 16.41 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BE096226.D
 Acq: 30 Apr 2018 17:45

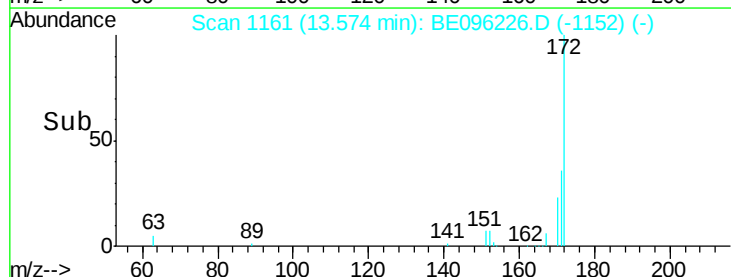
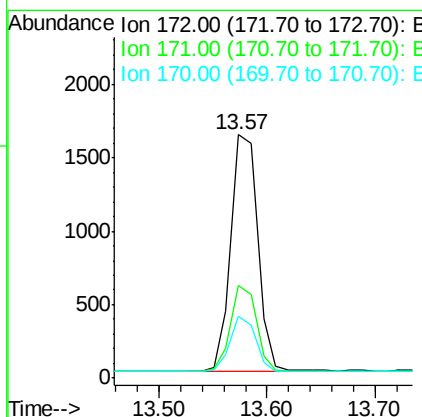
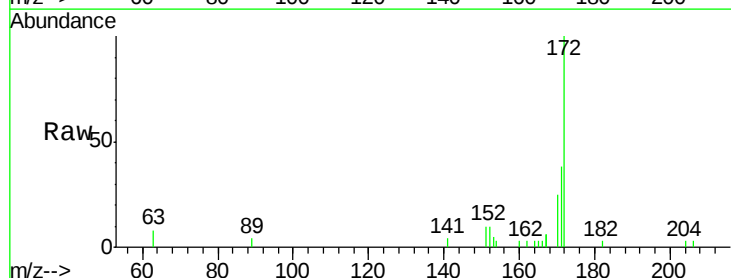
Instrument :
 BNA_E
 ClientSampleId :
 AOC50MW002-180417RE

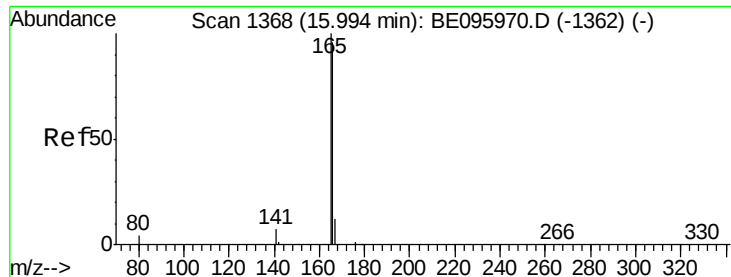
Tgt Ion: 330 Resp: 99
 Ion Ratio Lower Upper
 330 100
 332 103.0 152.7 229.1#
 141 58.6 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.886 ng
 RT: 13.57 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BE096226.D
 Acq: 30 Apr 2018 17:45

Tgt Ion: 172 Resp: 2793
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.9 44.9
 170 25.4 21.8 32.8





#18

Fluorene

Concen: 0.070 ng

RT: 15.97 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-180417RE

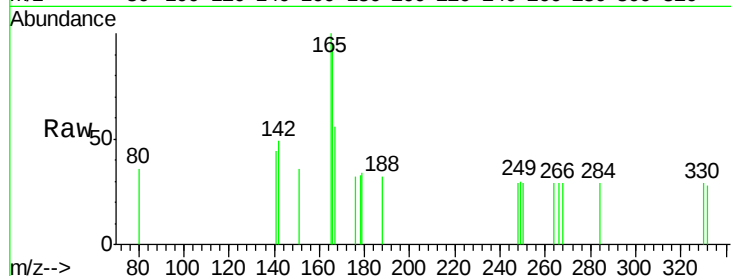
Tgt Ion:166 Resp: 205

Ion Ratio Lower Upper

166 100

165 73.7 77.8 116.6#

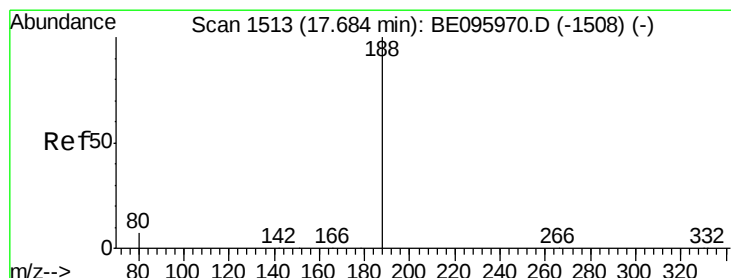
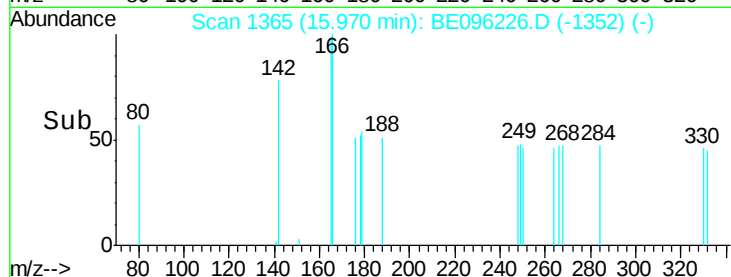
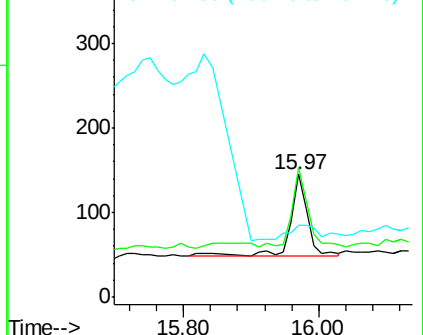
167 26.8 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

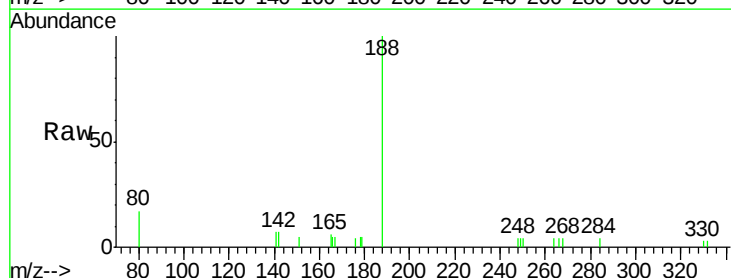
Tgt Ion:188 Resp: 1792

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

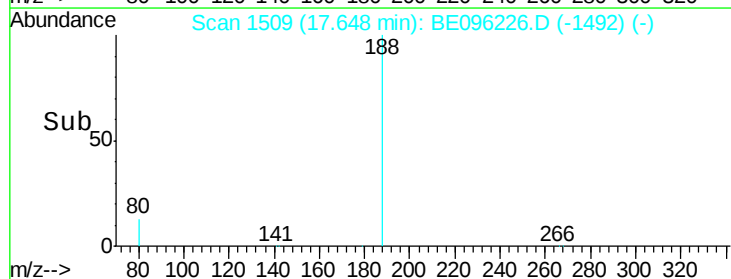
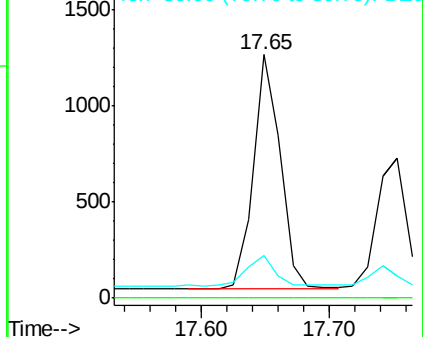
80 17.3 3.6 5.4#

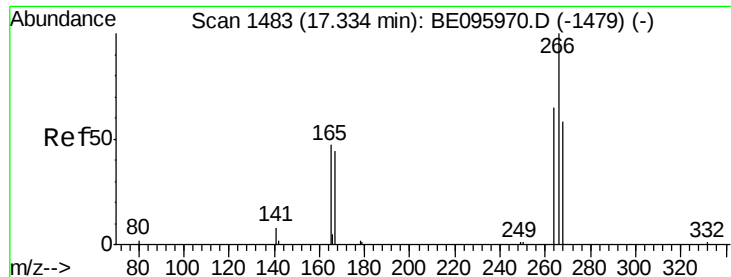


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

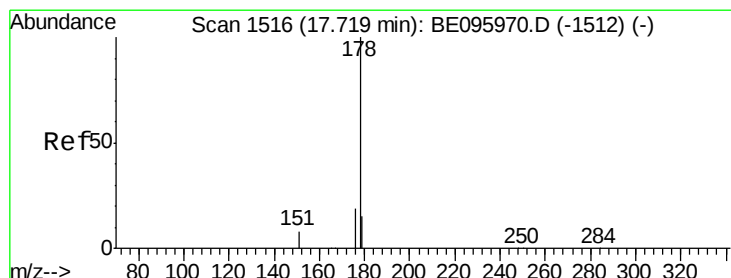
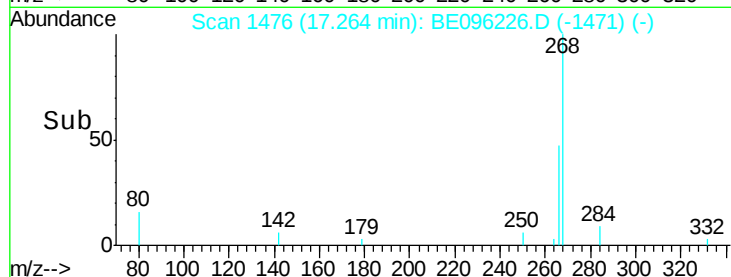
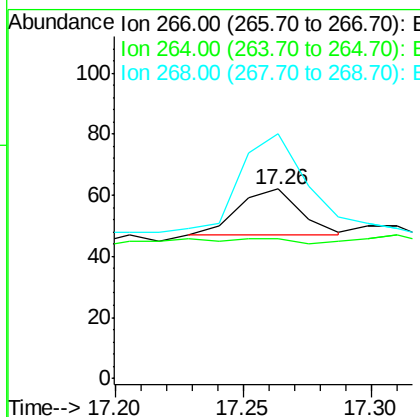
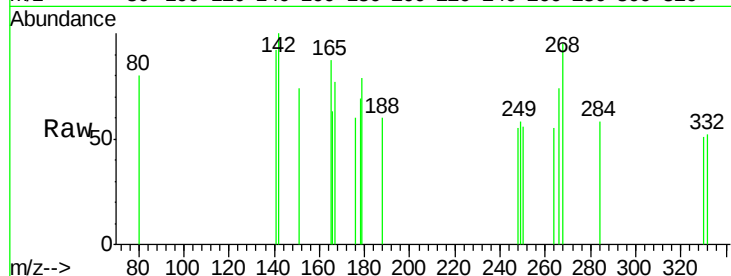




#22
 Pentachlorophenol
 Concen: 0.187 ng
 RT: 17.26 min Scan# 1476
 Delta R.T. -0.05 min
 Lab File: BE096226.D
 Acq: 30 Apr 2018 17:45

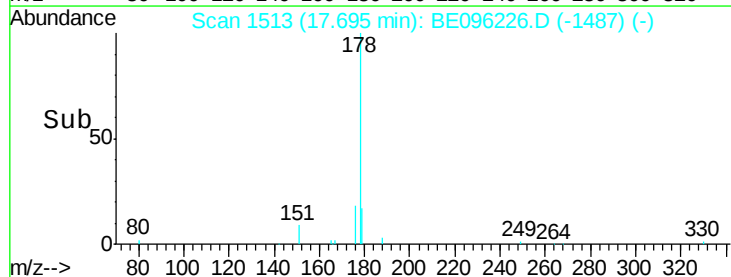
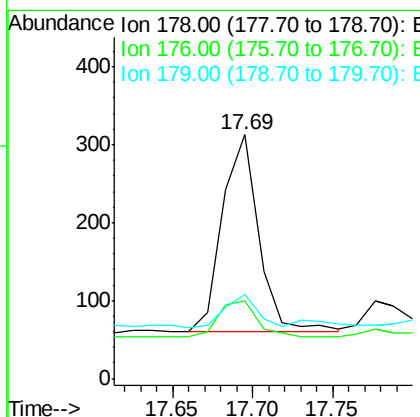
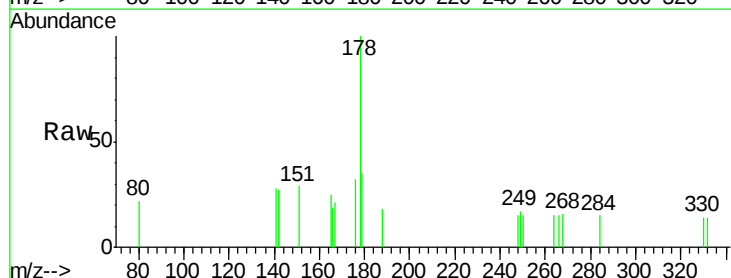
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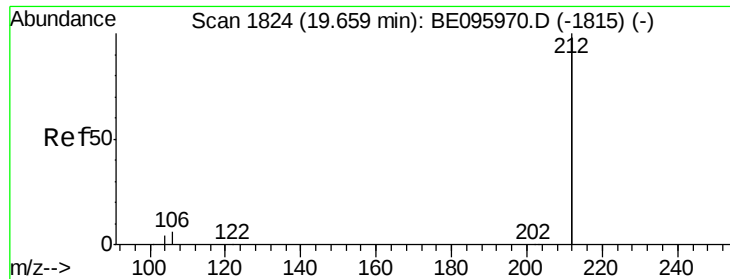
Tgt Ion:266 Resp: 25
 Ion Ratio Lower Upper
 266 100
 264 74.2 72.5 108.7
 268 129.0 73.8 110.6#



#23
 Phenanthrene
 Concen: 0.079 ng
 RT: 17.69 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: BE096226.D
 Acq: 30 Apr 2018 17:45

Tgt Ion:178 Resp: 397
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.1 22.7
 179 0.0 11.8 17.6#





#25

Fluoranthene-d10

Concen: 0.846 ng

RT: 19.64 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-180417RE

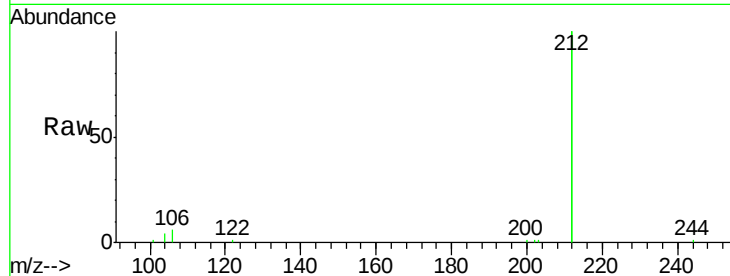
Tgt Ion:212 Resp: 20592

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

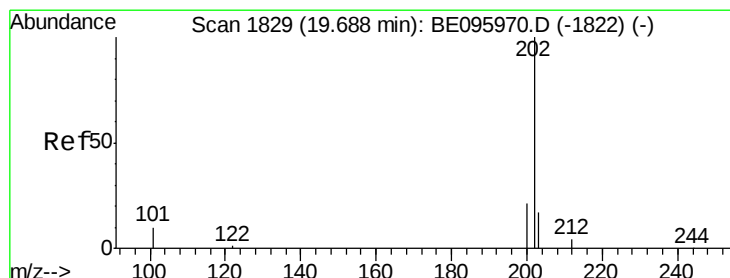
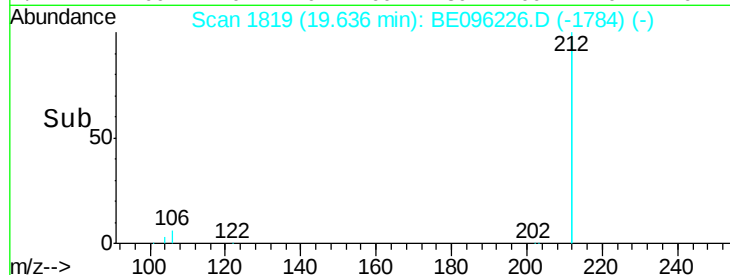
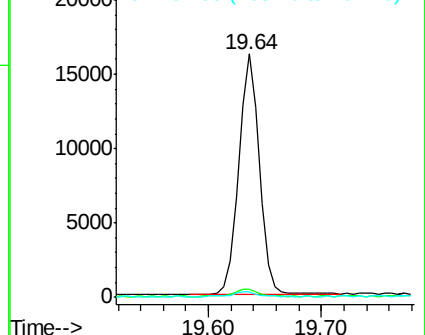
104 1.9 1.6 2.4



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: 0.040 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

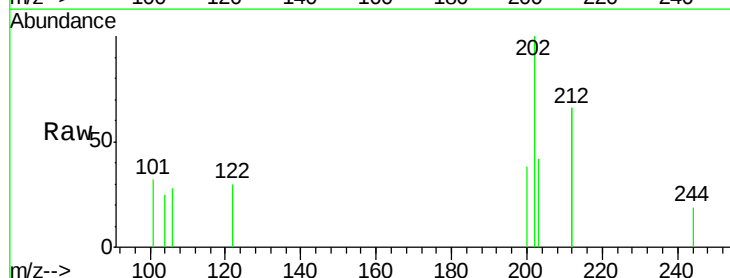
Tgt Ion:202 Resp: 267

Ion Ratio Lower Upper

202 100

101 10.1 9.8 14.8

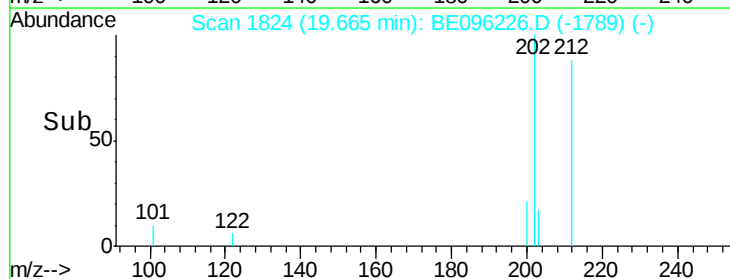
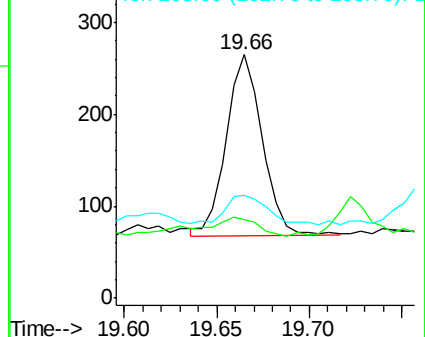
203 21.0 13.7 20.5#

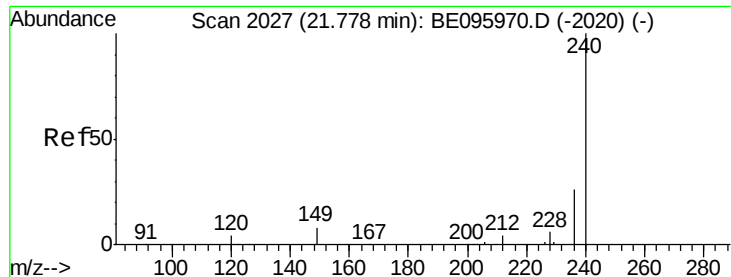


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.74 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-180417RE

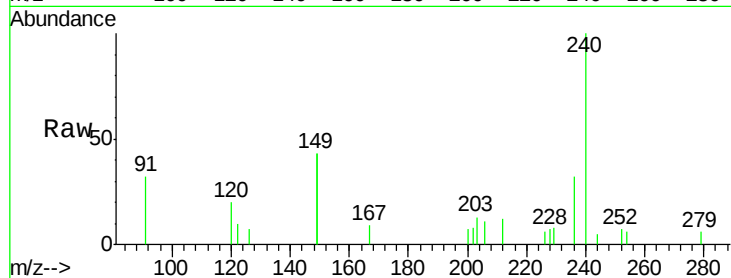
Tgt Ion:240 Resp: 1900

Ion Ratio Lower Upper

240 100

120 20.0 5.5 8.3#

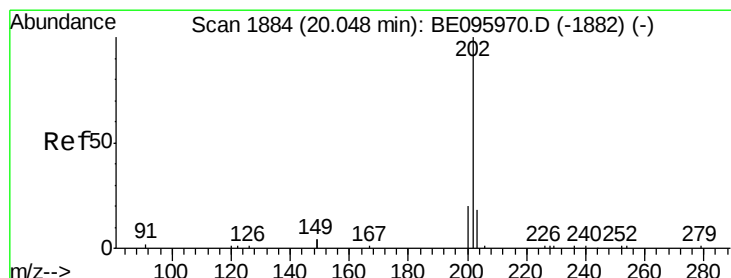
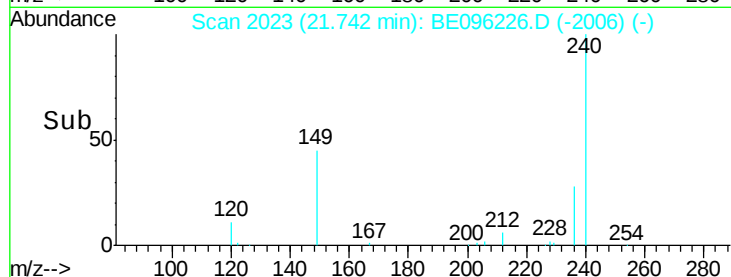
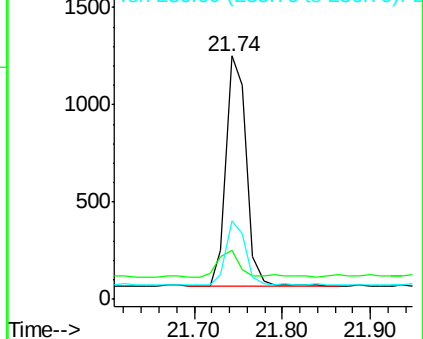
236 32.3 20.7 31.1#



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



#28

Pyrene

Concen: 0.026 ng

RT: 20.00 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

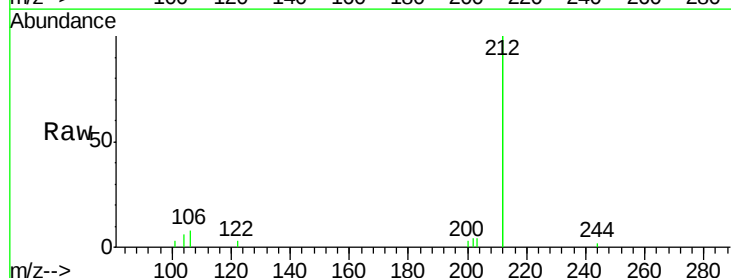
Tgt Ion:202 Resp: 97

Ion Ratio Lower Upper

202 100

200 2.1 16.6 25.0#

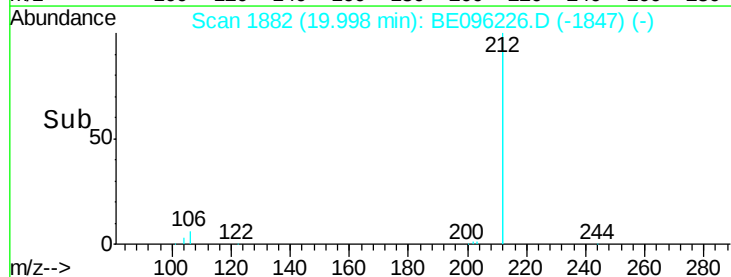
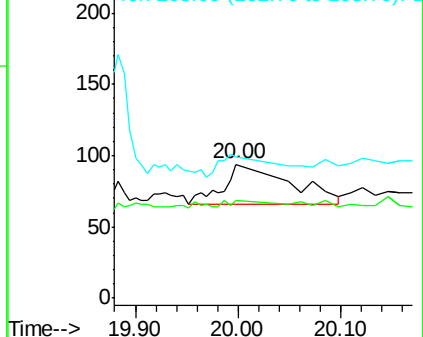
203 62.9 13.8 20.8#

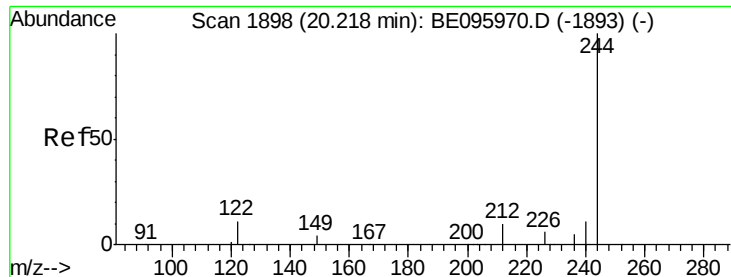


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.831 ng

RT: 20.19 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-180417RE

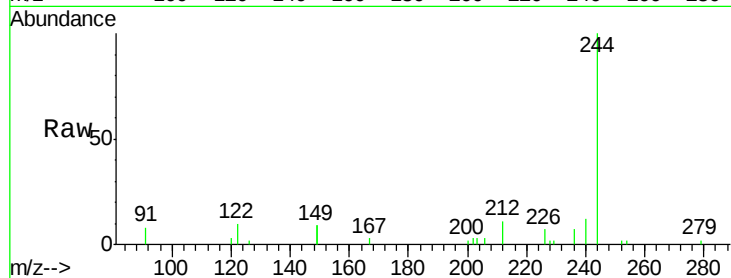
Tgt Ion:244 Resp: 3489

Ion Ratio Lower Upper

244 100

212 11.3 25.4 38.0#

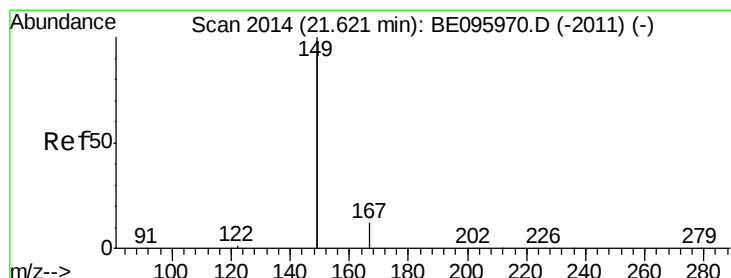
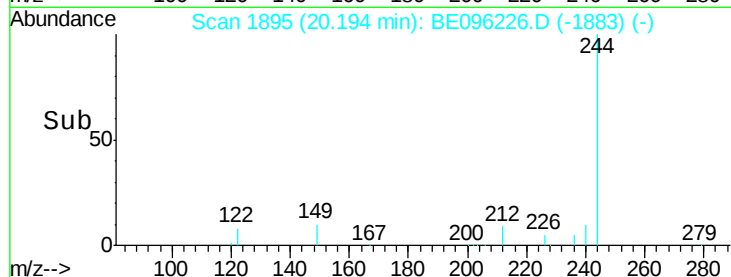
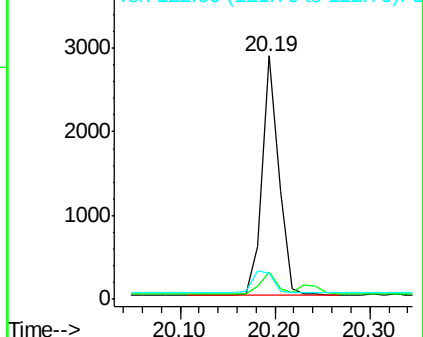
122 10.5 8.1 12.1



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: 0.100 ng

RT: 21.60 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

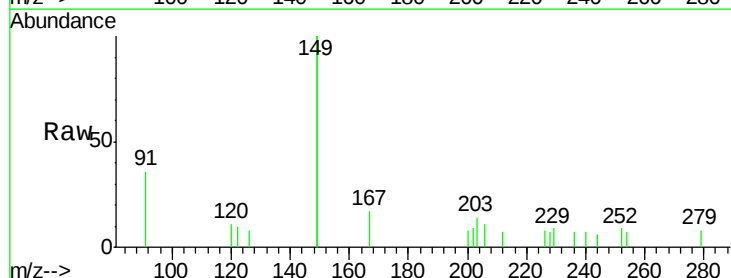
Tgt Ion:149 Resp: 1566

Ion Ratio Lower Upper

149 100

167 9.3 5.4 8.0#

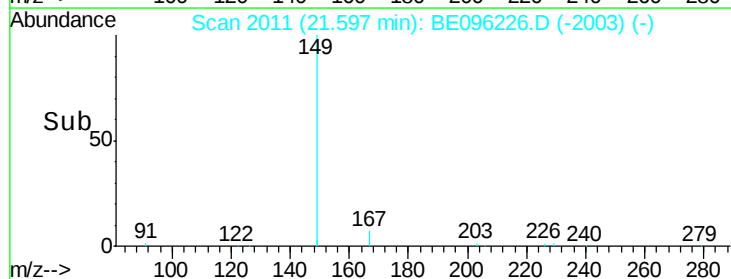
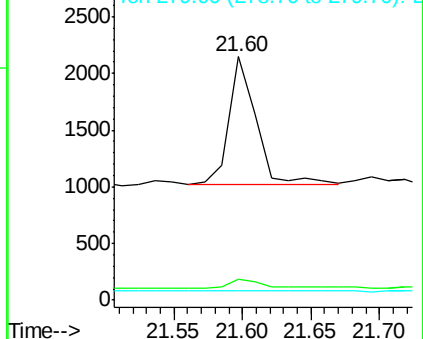
279 0.0 0.7 1.1#

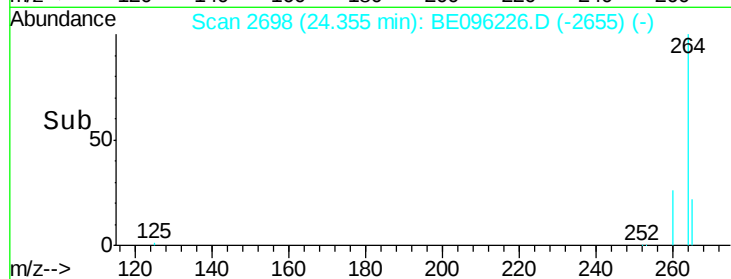
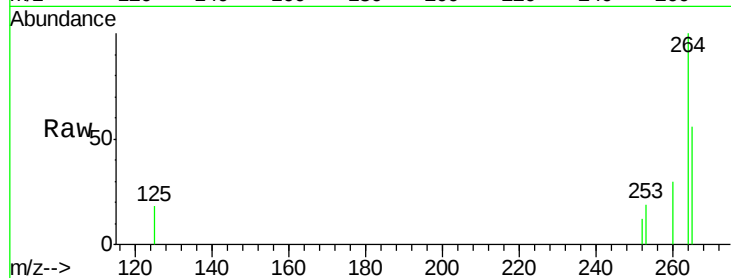
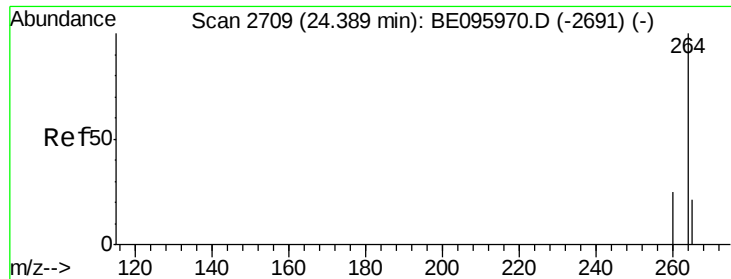


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.35 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BE096226.D

Acq: 30 Apr 2018 17:45

Instrument :

BNA_E

ClientSampleId :

AOC50MW002-180417RE

Tgt Ion:264 Resp: 1714

Ion Ratio Lower Upper

264 100

260 30.0 20.5 30.7

265 55.9 22.8 34.2#

