

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102417\
 Data File : BE094515.D
 Acq On : 24 Oct 2017 15:07
 Operator : SJ/JU
 Sample : I5950-12DL2 500X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 24 15:49:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1021	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	5847	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	4329	0.40	ng	0.01
19) Phenanthrene-d10	17.27	188	9178	0.40	ng	0.03
27) Chrysene-d12	21.43	240	10343	0.40	ng	0.00
34) Perylene-d12	23.95	264	10041	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	2	0.00	ng	-0.01
5) Phenol-d6	7.16	99	2	0.00	ng	0.03
8) Nitrobenzene-d5	9.13	82	8	0.00	ng	0.05
11) 2-Methylnaphthalene-d10	12.31	152	4	0.00	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	2	0.00	ng	0.03
15) 2-Fluorobiphenyl	13.18	172	23	0.00	ng	0.03
25) Fluoranthene-d10	19.30	212	136	-1.00	ng	0.02
29) Terphenyl-d14	19.87	244	54	0.00	ng	0.00

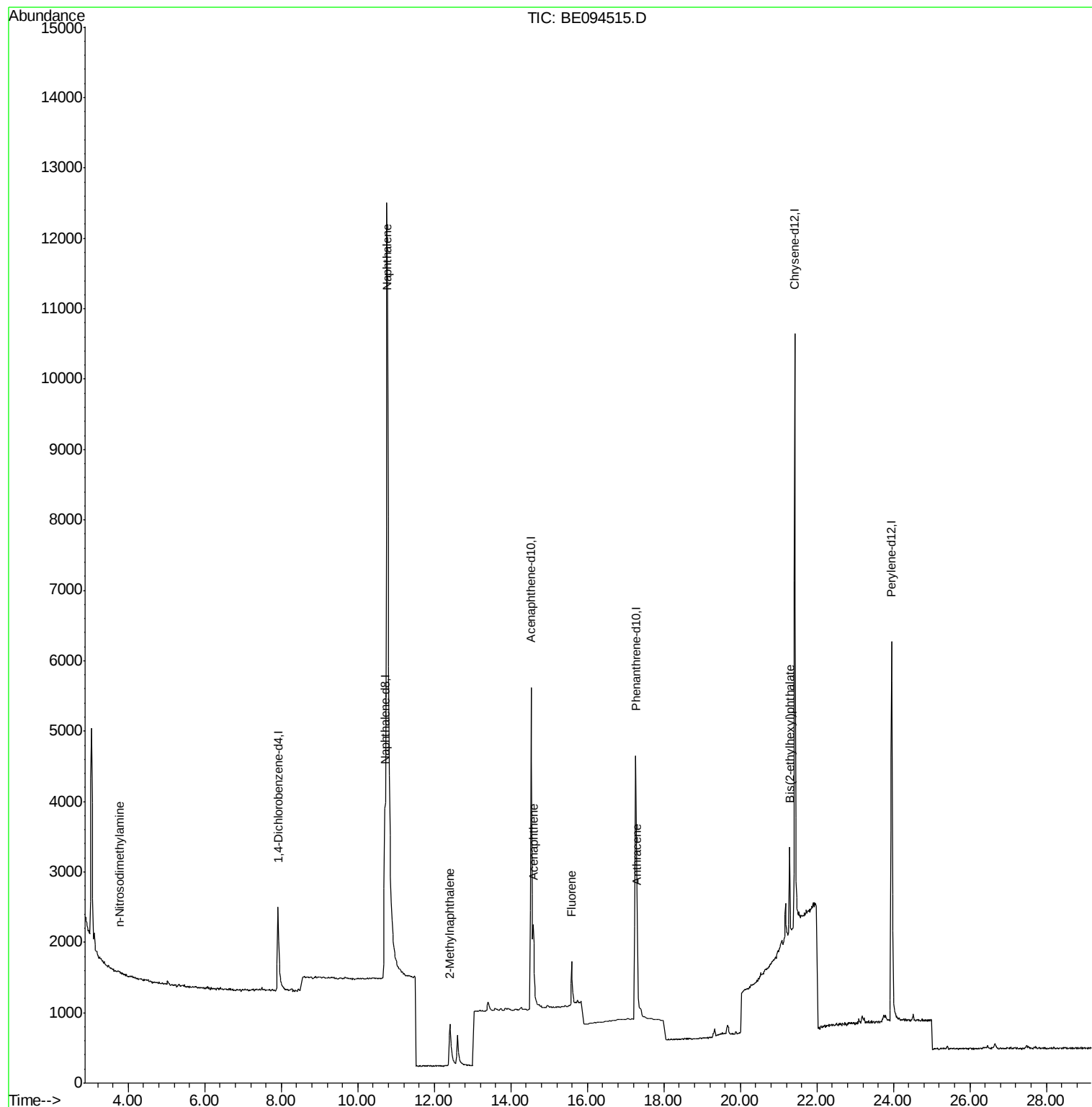
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.76	42	45	0.027	ng	# 28
9) Naphthalene	10.76	128	39305	0.594	ng	100
12) 2-Methylnaphthalene	12.41	142	1053	0.094	ng	92
17) Acenaphthene	14.58	154	736	0.050	ng	96
18) Fluorene	15.59	166	575	0.031	ng	91
24) Anthracene	17.30	178	1480	0.055	ng	# 91
26) Fluoranthene	19.33	202	142	Below Cal		# 86
32) Bis(2-ethylhexyl)phthalate	21.29	149	1771	0.021	ng	# 98

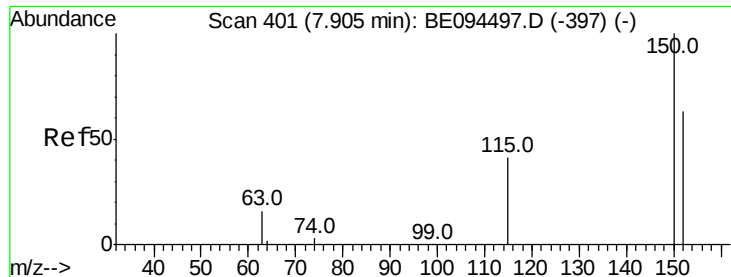
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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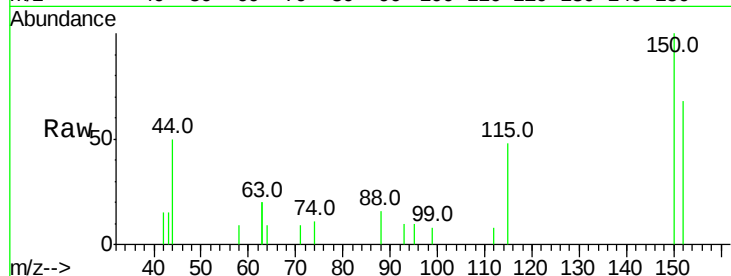


#1

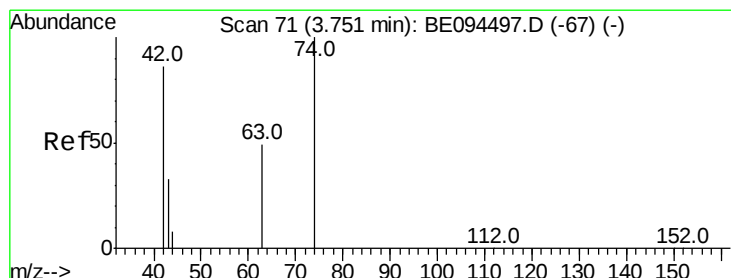
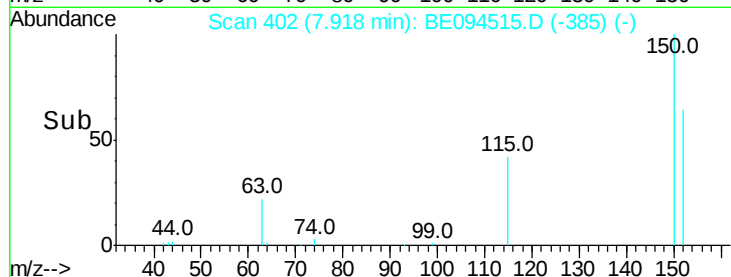
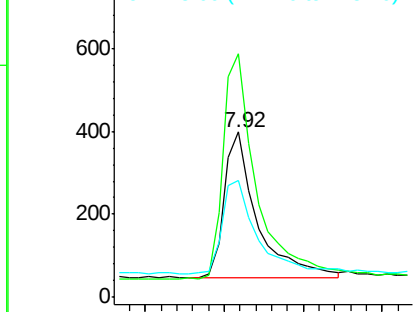
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094515.D
Acq: 24 Oct 2017 15:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1021
Ion Ratio Lower Upper
152 100
150 147.5 117.2 175.8
115 70.9 57.0 85.6



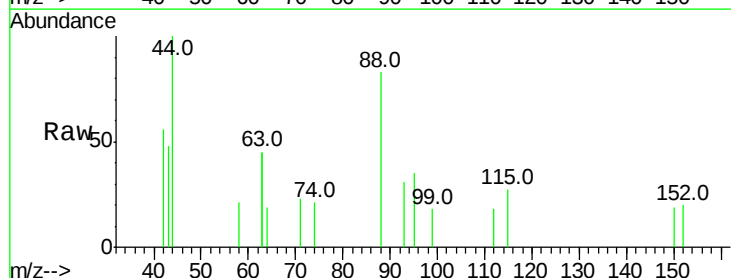
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



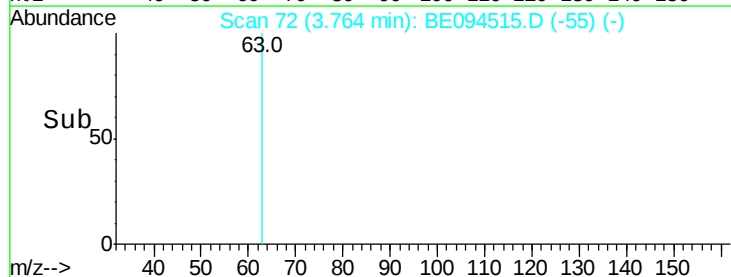
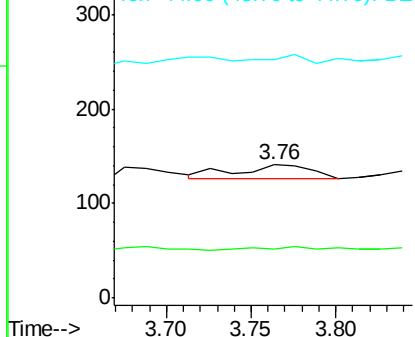
#3

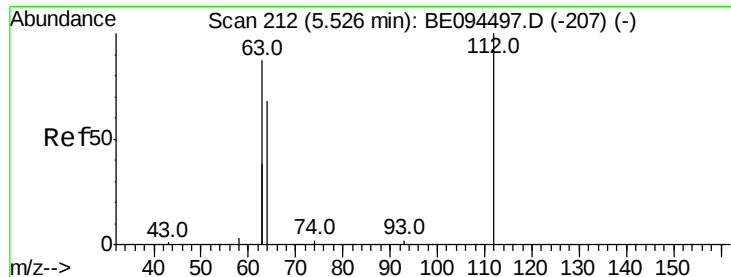
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.76 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE094515.D
Acq: 24 Oct 2017 15:07

Tgt Ion: 42 Resp: 45
Ion Ratio Lower Upper
42 100
74 31.1 100.3 150.5#
44 26.7 17.0 25.4#



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: 0.001 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE094515.D

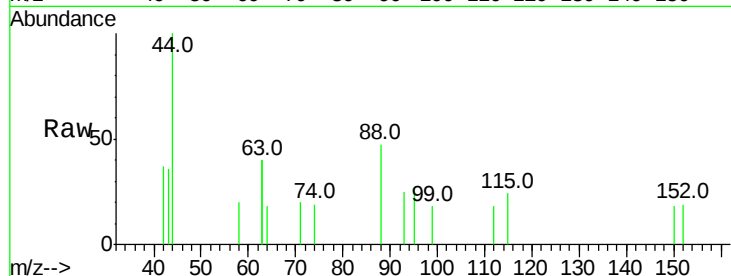
Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

ClientSampled :

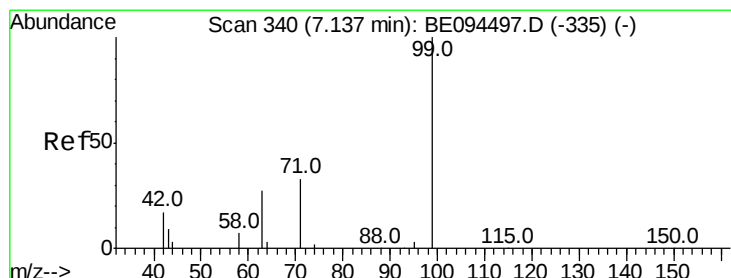
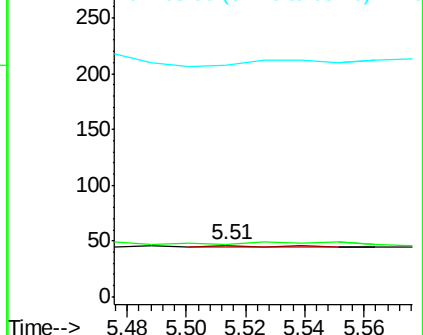
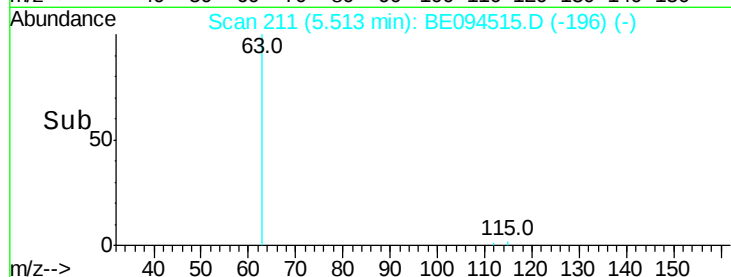
Tot Ion:	112	Resp:	2
Ion	Ratio	Lower	Upper
112	100		
64	300.0	60.1	90.1#
63	700.0	116.8	175.2#



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



#5

Phenol-d6

Concen: 0.000 ng

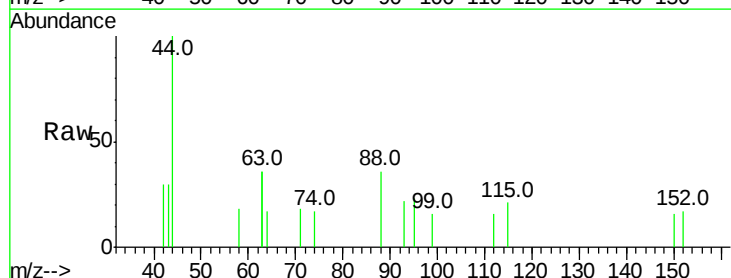
RT: 7.16 min Scan# 342

Delta R.T. 0.03 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

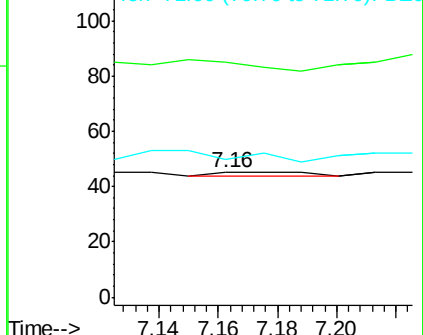
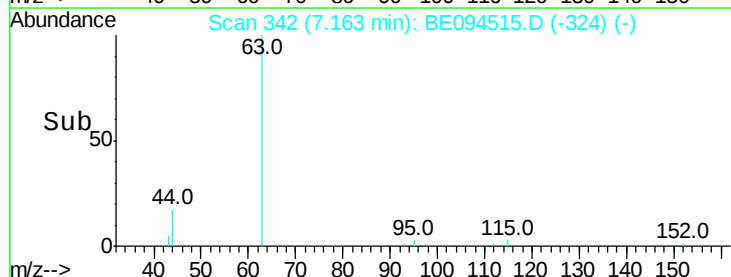
Tgt Ion:	99	Resp:	2
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#

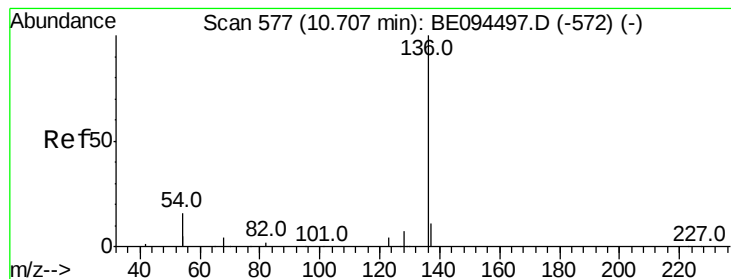


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5847

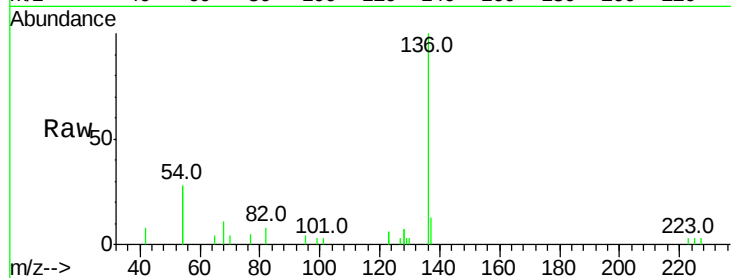
Ion Ratio Lower Upper

136 100

137 13.5 9.5 14.3

54 55.3 29.1 43.7#

68 10.9 6.2 9.2#

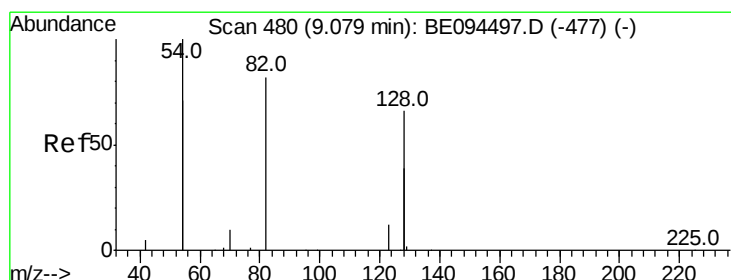
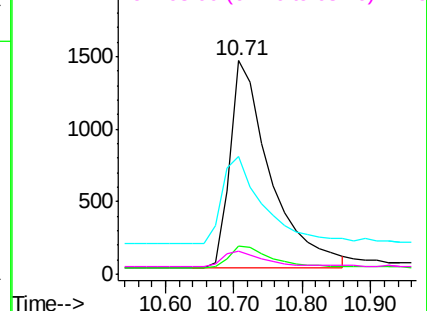
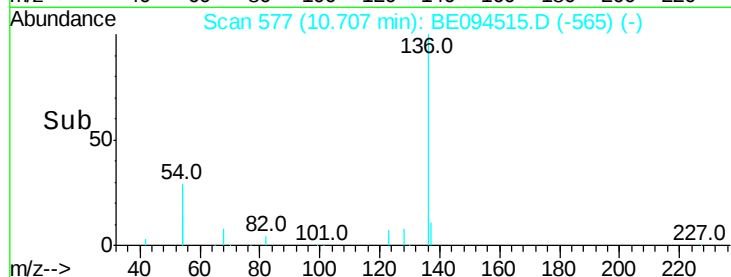


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.002 ng

RT: 9.13 min Scan# 483

Delta R.T. 0.05 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

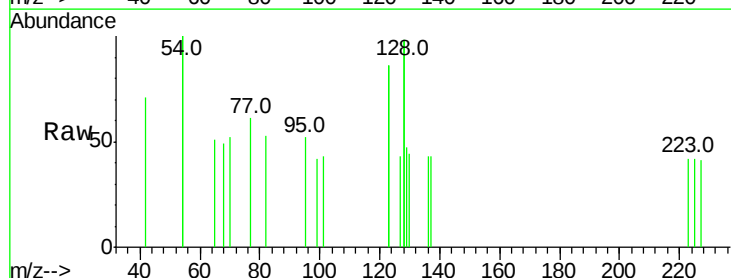
Tgt Ion: 82 Resp: 8

Ion Ratio Lower Upper

82 100

128 371.9 150.0 225.0#

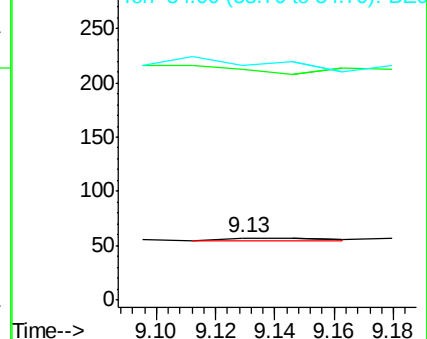
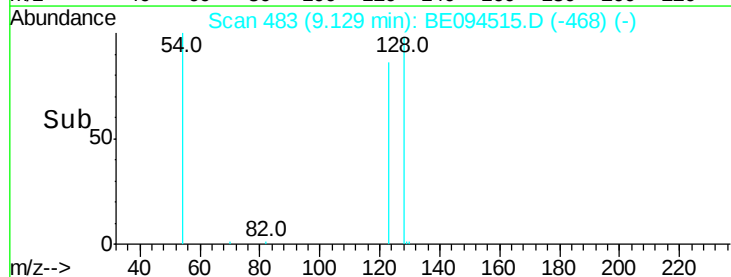
54 378.9 154.2 231.4#

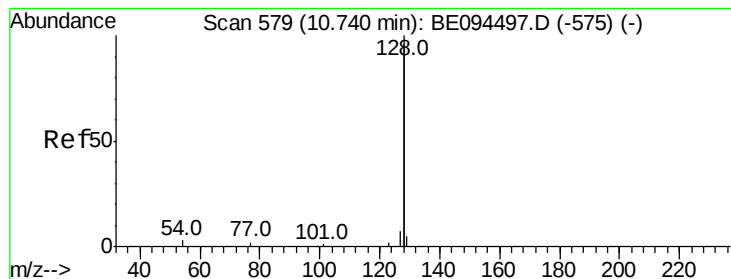


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.594 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

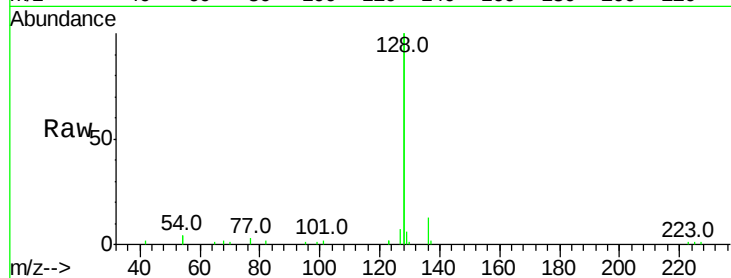
Tot Ion:128 Resp: 39305

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

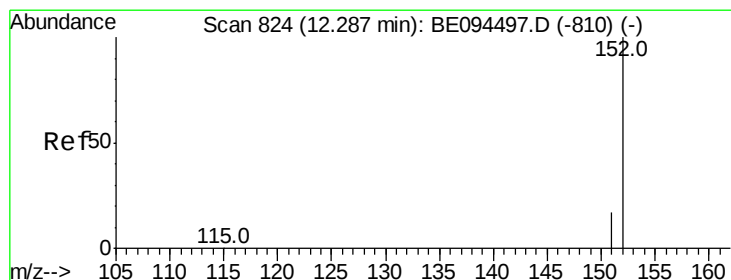
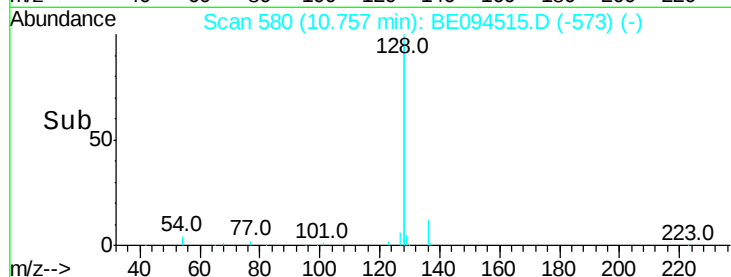
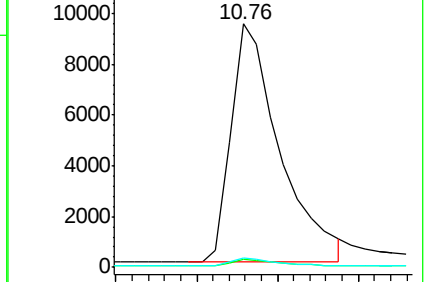
127 3.7 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.31 min Scan# 831

Delta R.T. 0.03 min

Lab File: BE094515.D

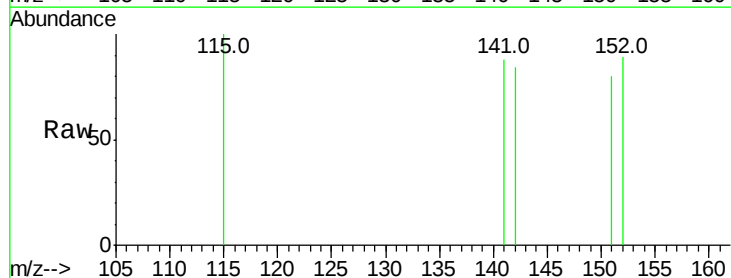
Acq: 24 Oct 2017 15:07

Tgt Ion:152 Resp: 4

Ion Ratio Lower Upper

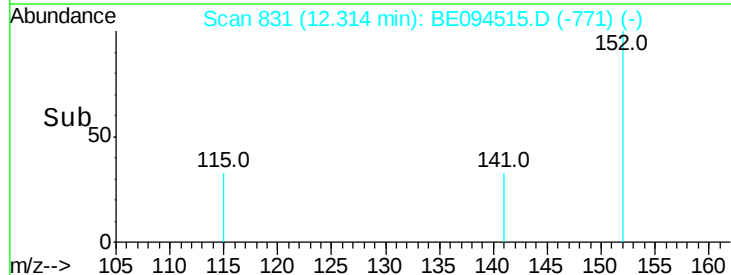
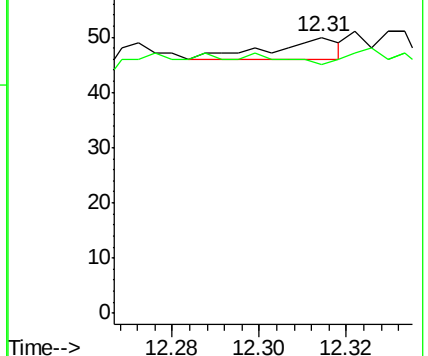
152 100

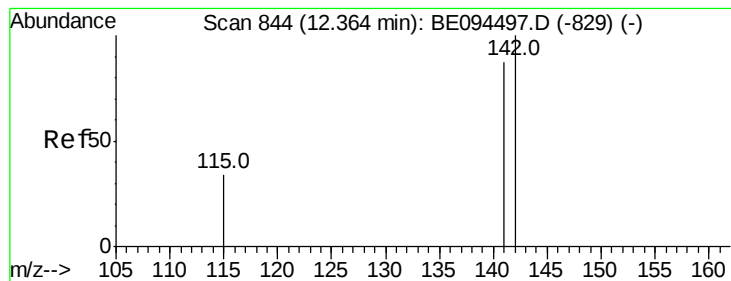
151 25.0 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.094 ng

RT: 12.41 min Scan# 855

Delta R.T. 0.04 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

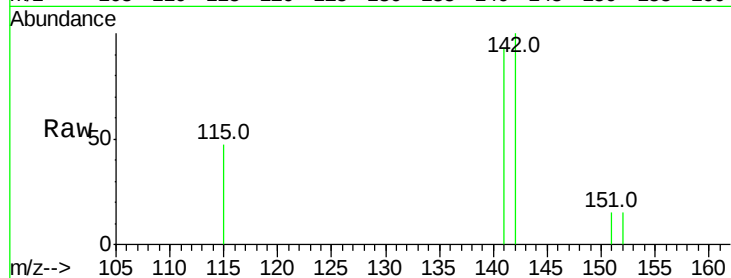
Tot Ion:142 Resp: 1053

Ion Ratio Lower Upper

142 100

141 93.3 70.4 105.6

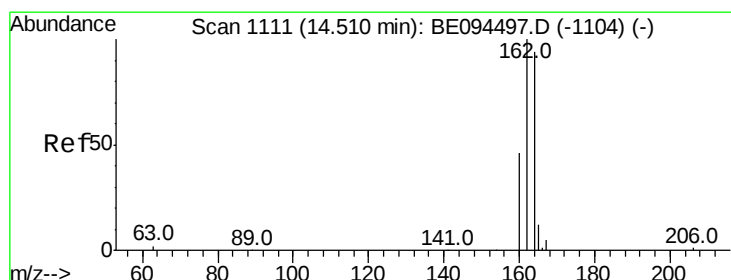
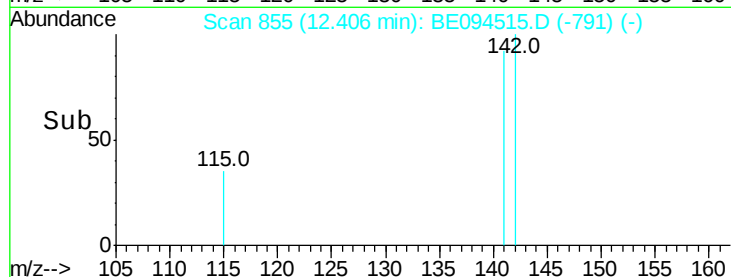
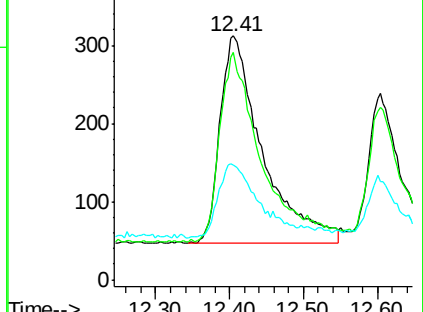
115 47.1 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

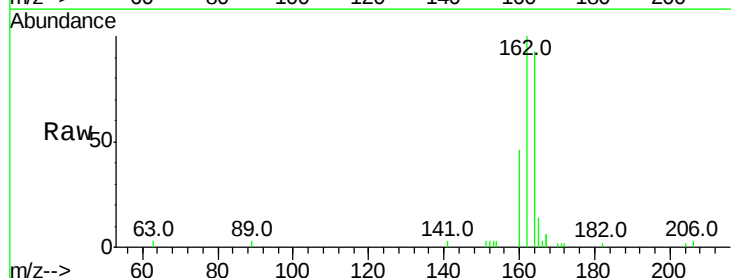
Tgt Ion:164 Resp: 4329

Ion Ratio Lower Upper

164 100

162 107.4 83.1 124.7

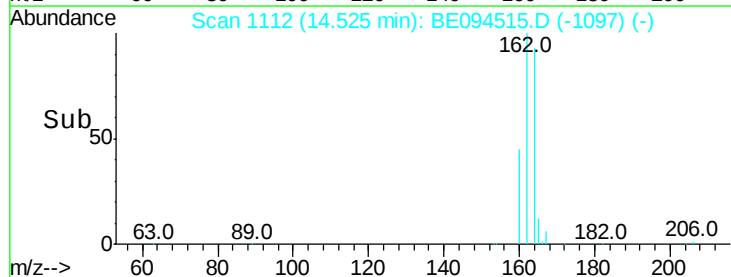
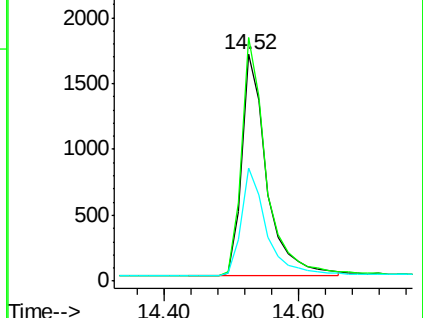
160 49.9 37.1 55.7

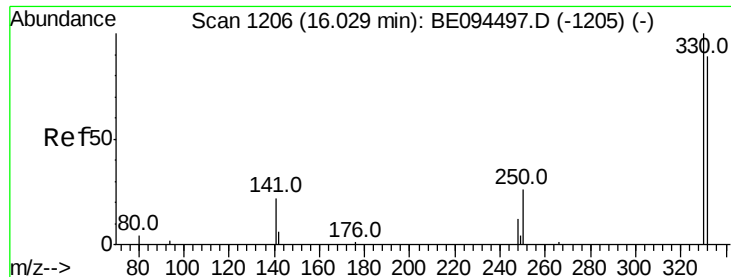


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.002 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

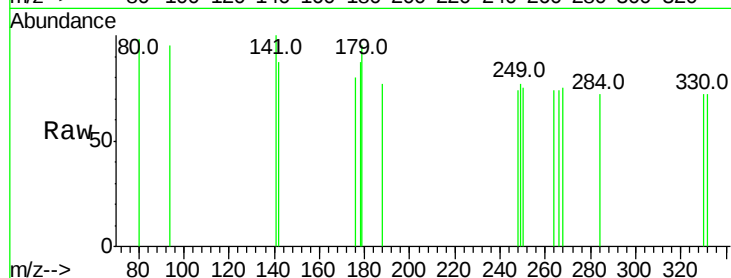
Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

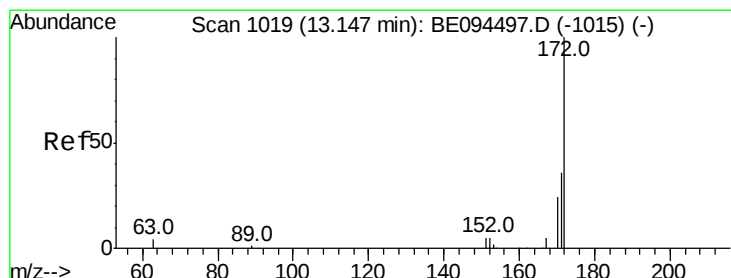
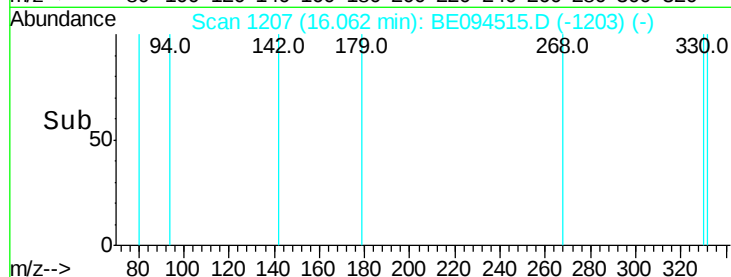
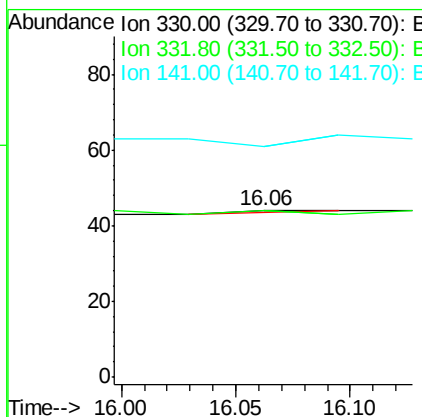
Instrument :

BNA_E

ClientSampled :



Tot Ion:	330	Resp:	2
Ion	Ratio	Lower	Upper
330	100		
332	100.0	152.7	229.1#
141	0.0	33.7	50.5#



#15

2-Fluorobiphenyl

Concen: 0.002 ng

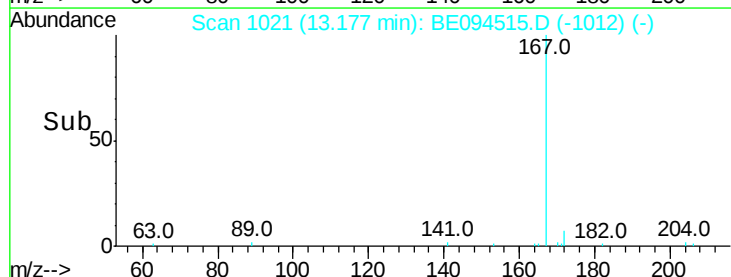
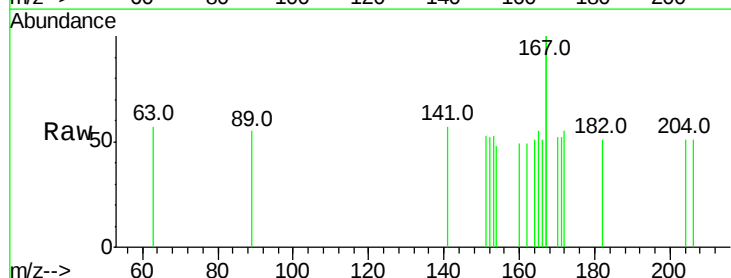
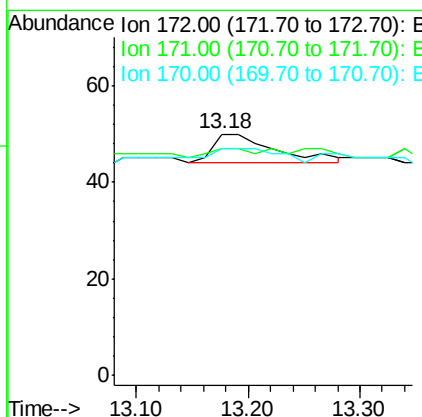
RT: 13.18 min Scan# 1021

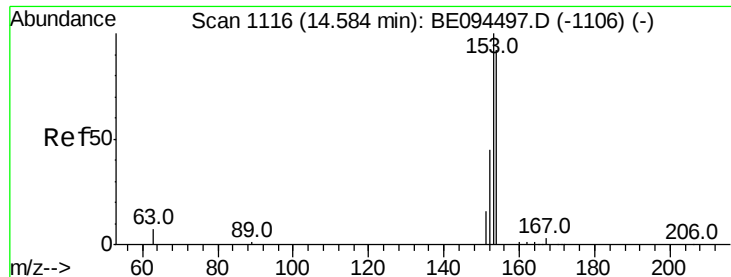
Delta R.T. 0.03 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Tgt Ion:	172	Resp:	23
Ion	Ratio	Lower	Upper
172	100		
171	94.0	29.9	44.9#
170	94.0	21.8	32.8#





#17

Acenaphthene

Concen: 0.050 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

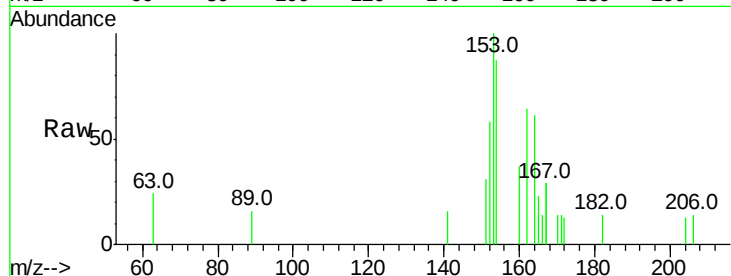
Tot Ion:154 Resp: 736

Ion Ratio Lower Upper

154 100

153 106.4 89.2 133.8

152 51.1 42.0 63.0



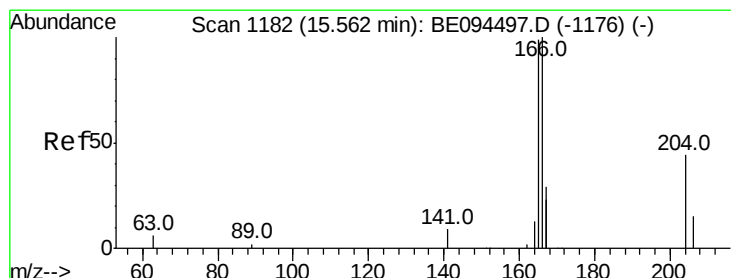
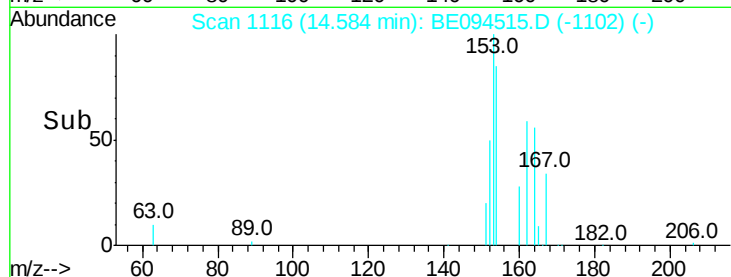
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.58

Time-->



#18

Fluorene

Concen: 0.031 ng

RT: 15.59 min Scan# 1184

Delta R.T. 0.03 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

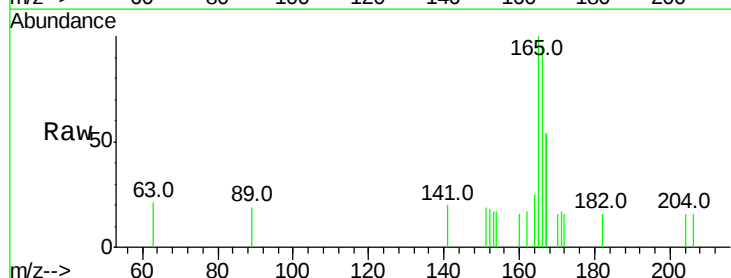
Tgt Ion:166 Resp: 575

Ion Ratio Lower Upper

166 100

165 104.3 77.8 116.6

167 61.2 42.4 63.6



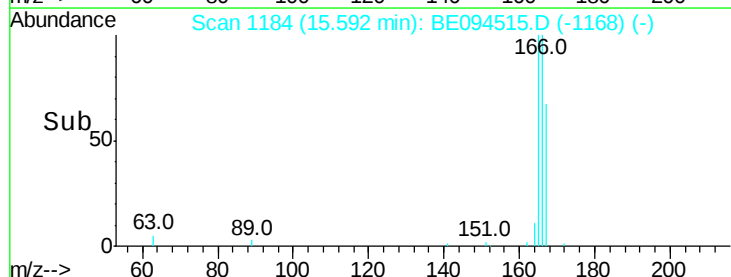
Abundance Ion 166.00 (165.70 to 166.70): E

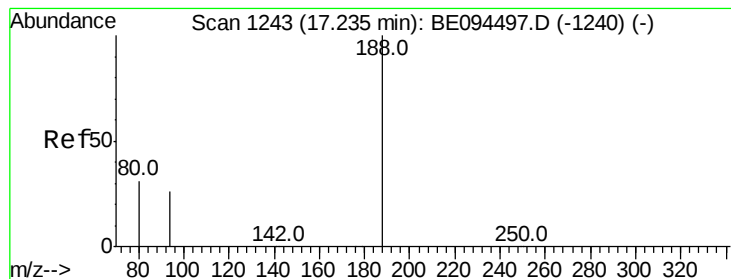
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.59

Time-->

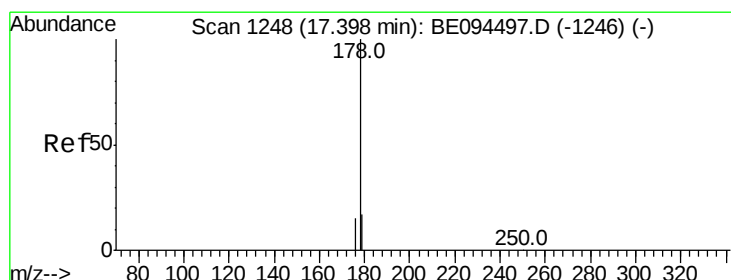
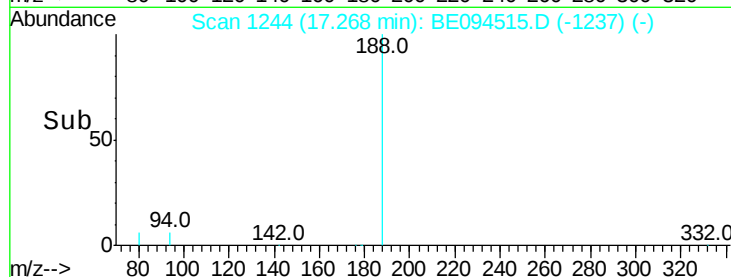
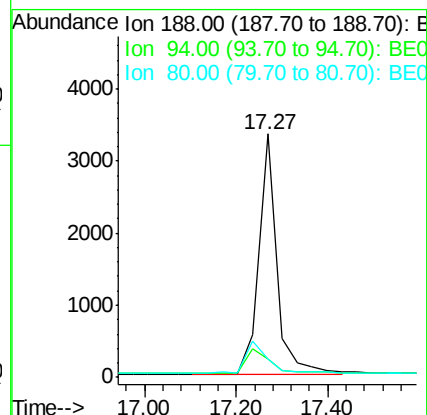
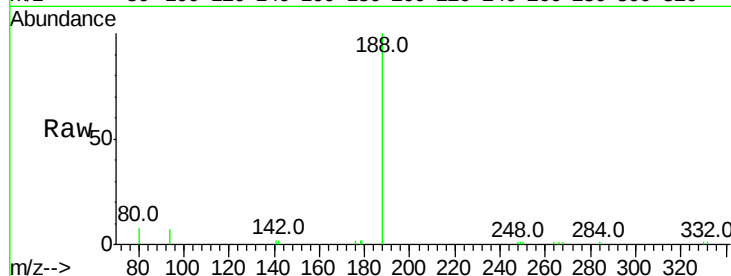




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094515.D
Acq: 24 Oct 2017 15:07

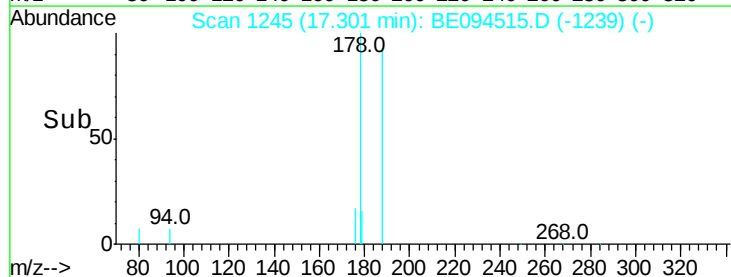
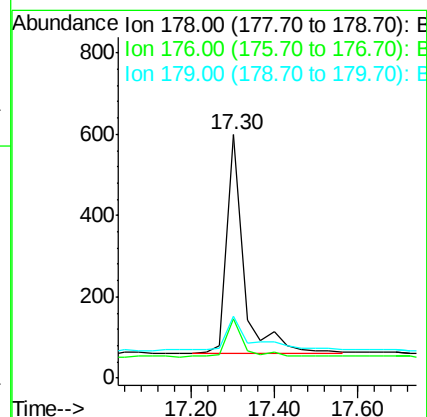
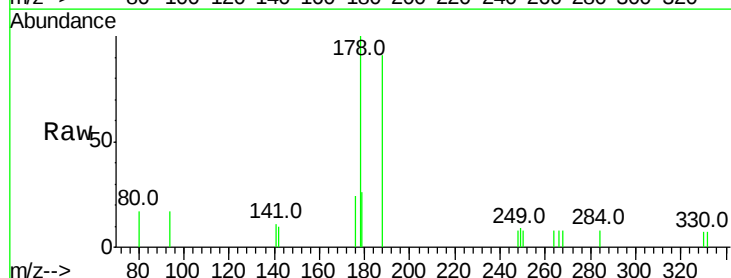
Instrument :
BNA_E
ClientSampleId :

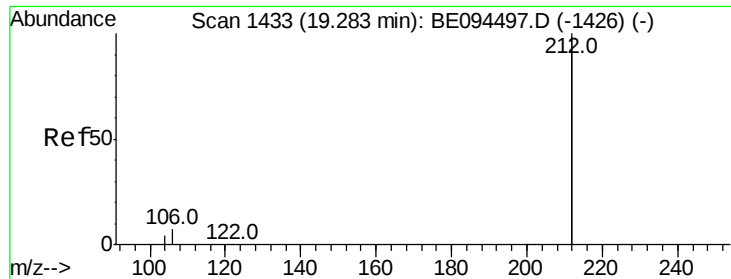
Tot Ion:188 Resp: 9178
Ion Ratio Lower Upper
188 100
94 7.5 3.9 5.9#
80 7.7 3.6 5.4#



#24
Anthracene
Concen: 0.055 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE094515.D
Acq: 24 Oct 2017 15:07

Tgt Ion:178 Resp: 1480
Ion Ratio Lower Upper
178 100
176 16.4 12.8 19.2
179 23.1 13.0 19.6#





#25

Fluoranthene-d10

Concen: -1.000 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.02 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

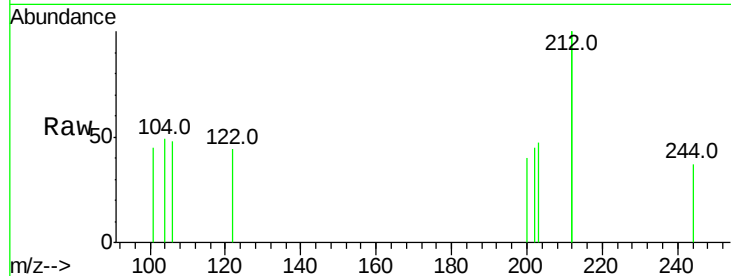
Tot Ion:212 Resp: 136

Ion Ratio Lower Upper

212 100

106 5.1 2.8 4.2#

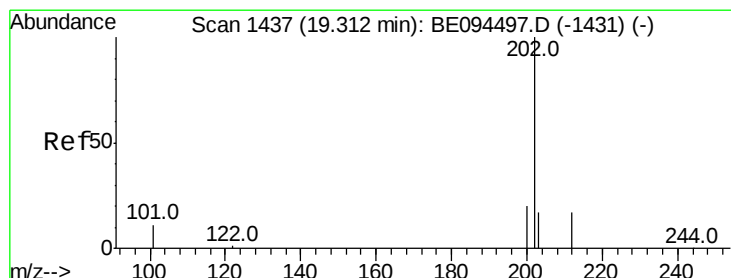
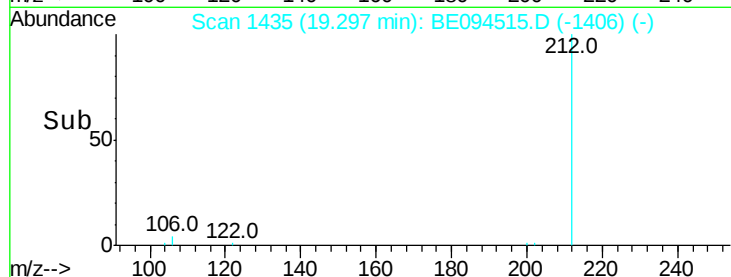
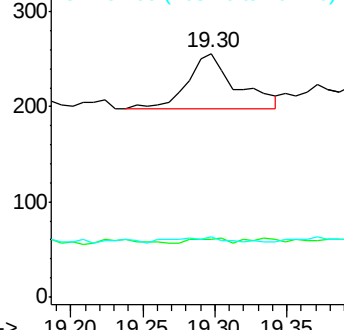
104 10.3 1.6 2.4#



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: Below Cal

RT: 19.33 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

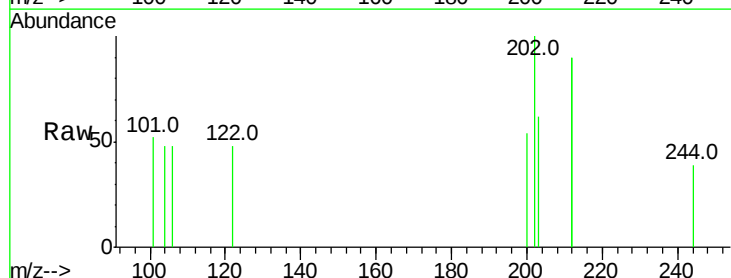
Tgt Ion:202 Resp: 142

Ion Ratio Lower Upper

202 100

101 16.2 9.8 14.8#

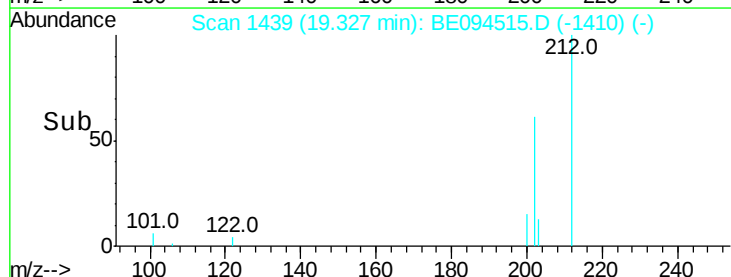
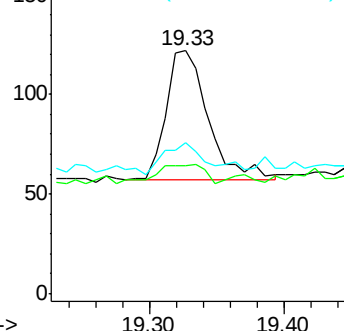
203 24.6 13.7 20.5#

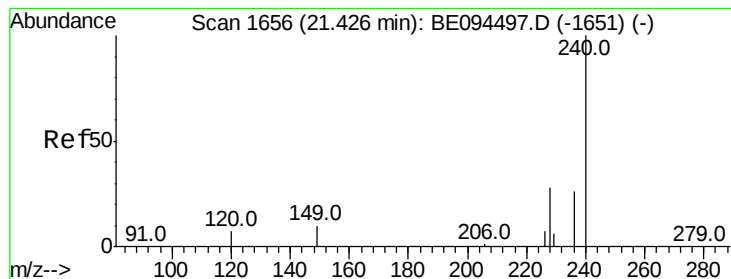


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

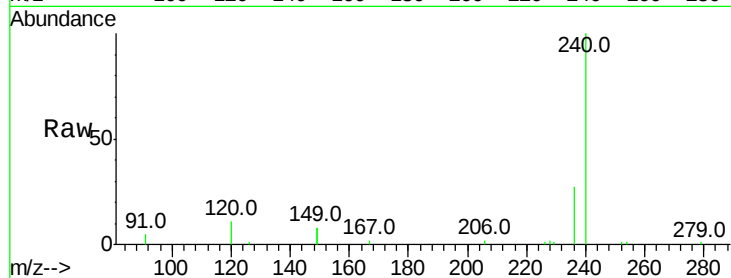
Tot Ion:240 Resp: 10343

Ion Ratio Lower Upper

240 100

120 10.6 5.5 8.3#

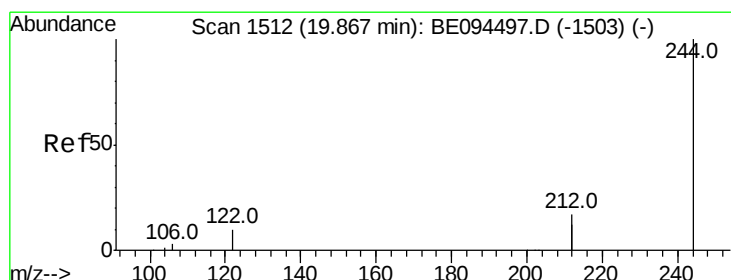
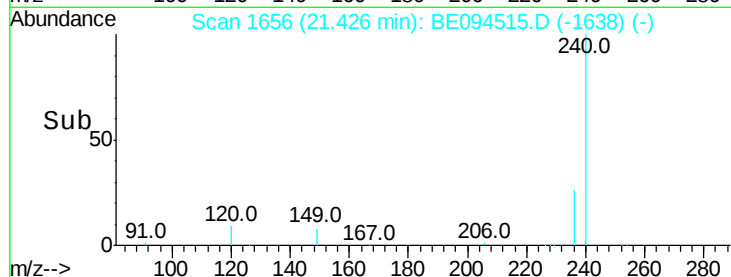
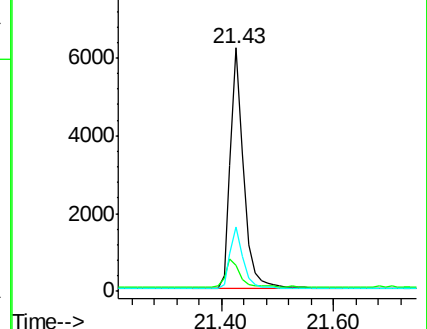
236 26.7 20.7 31.1



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



#29

Terphenyl-d14

Concen: 0.003 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

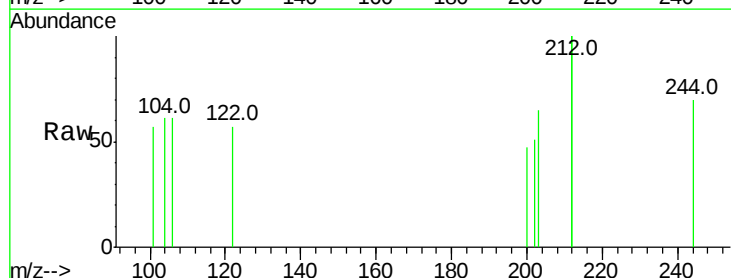
Tgt Ion:244 Resp: 54

Ion Ratio Lower Upper

244 100

212 286.8 25.4 38.0#

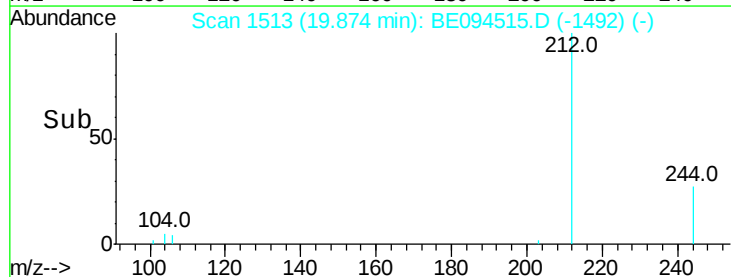
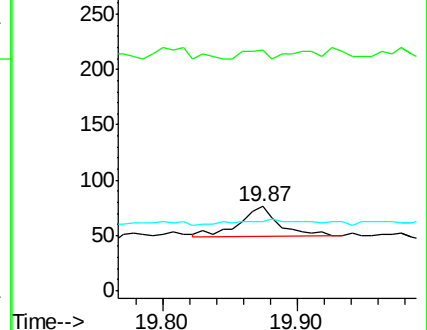
122 81.6 8.1 12.1#

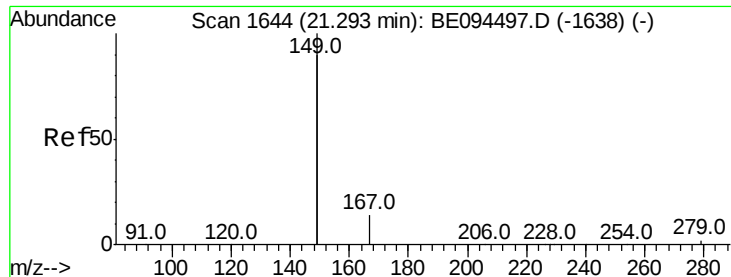


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.021 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

Instrument :

BNA_E

ClientSampleId :

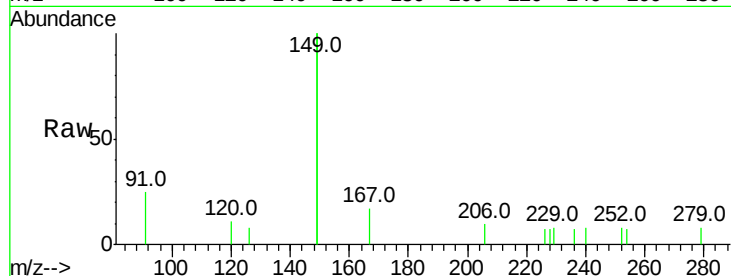
Tot Ion:149 Resp: 1771

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

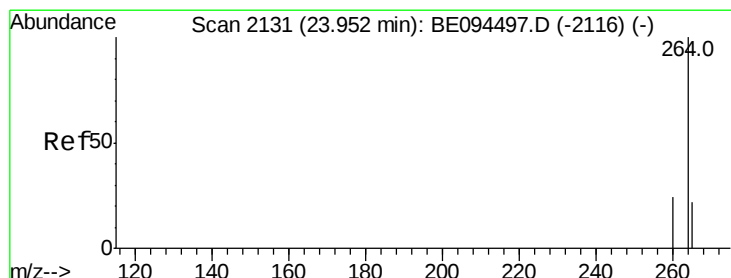
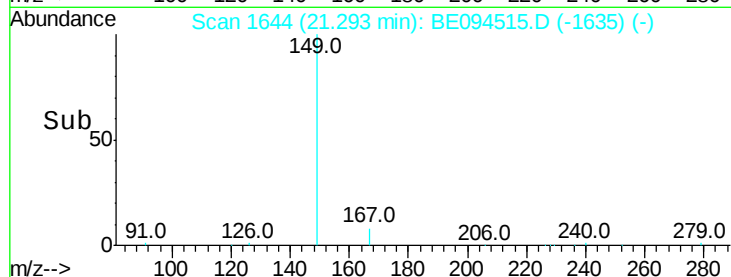
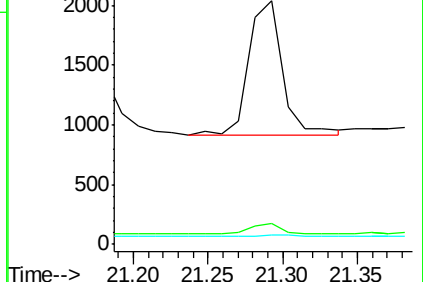
279 2.5 0.7 1.1#



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: 23.95 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BE094515.D

Acq: 24 Oct 2017 15:07

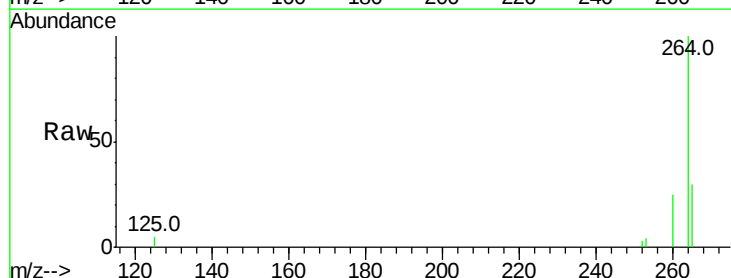
Tgt Ion:264 Resp: 10041

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 29.6 22.8 34.2



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

