

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
 Data File : BE095035.D
 Acq On : 19 Dec 2017 16:47
 Operator : SJ/JU
 Sample : I6943-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:48:34 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5817	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	13076	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	7444	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	17951	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	18193	0.40	ng	-0.03
34) Perylene-d12	24.49	264	16163	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	484	0.05	ng	-0.01
5) Phenol-d6	7.59	99	515	0.04	ng	0.00
8) Nitrobenzene-d5	9.63	82	3519	0.33	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	5943	0.28	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	257	0.15	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	11234	0.34	ng	-0.02
25) Fluoranthene-d10	19.72	212	67506	0.29	ng	-0.03
29) Terphenyl-d14	20.28	244	16463	0.48	ng	-0.03

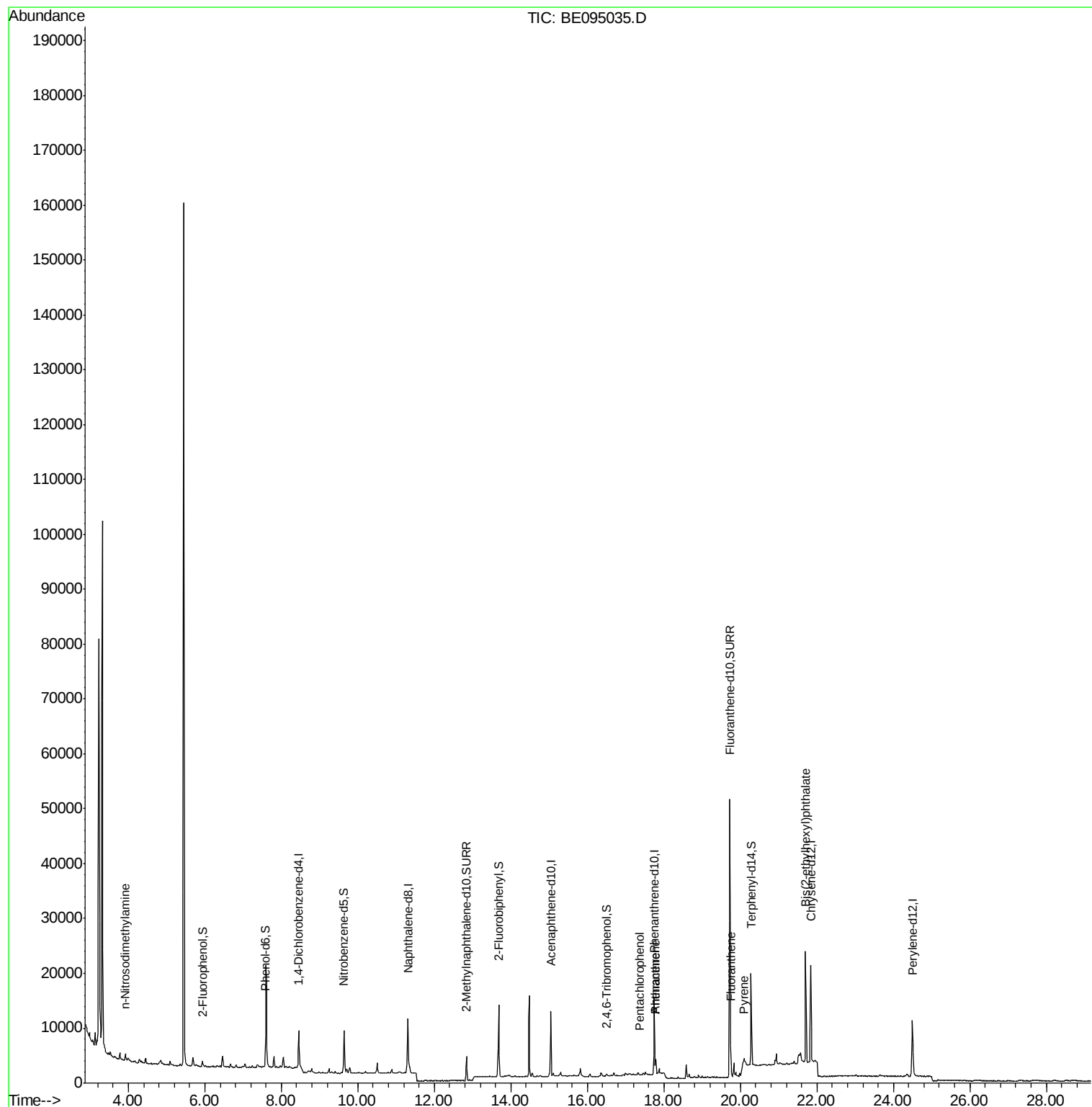
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.93	42	252	0.037	ng	# 1
22) Pentachlorophenol	17.36	266	31	0.091	ng	95
23) Phenanthrene	17.79	178	2994	0.054	ng	98
24) Anthracene	17.79	178	2994	0.052	ng	96
26) Fluoranthene	19.75	202	1765	0.026	ng	98
28) Pyrene	20.10	202	1520	0.025	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.70	149	28605	0.422	ng	99

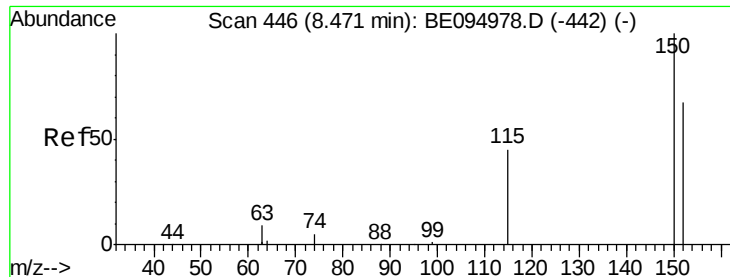
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
Data File : BE095035.D
Acq On : 19 Dec 2017 16:47
Operator : SJ/JU
Sample : I6943-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 20 00:48:34 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration



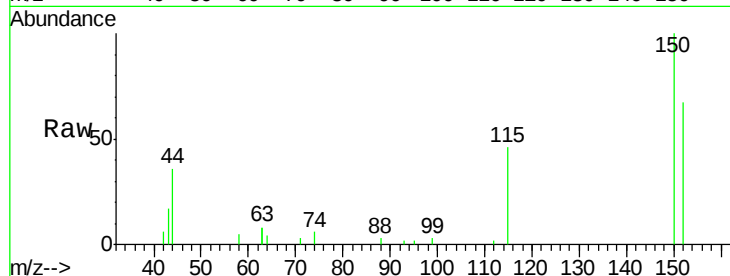


#1

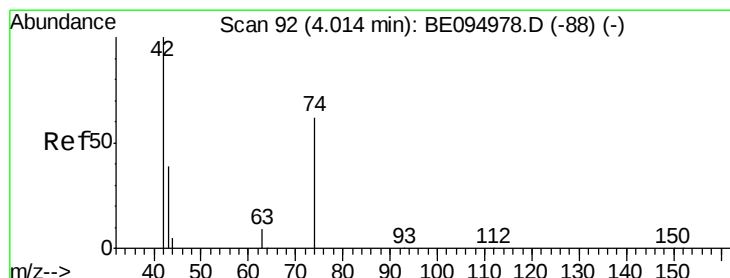
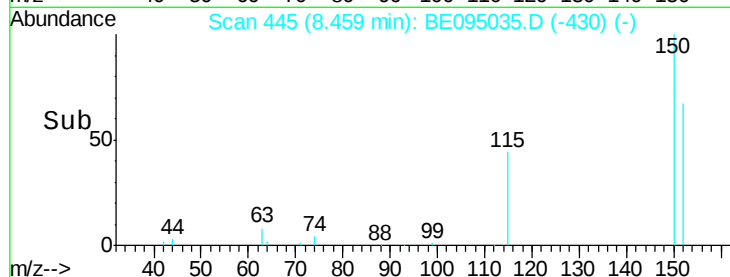
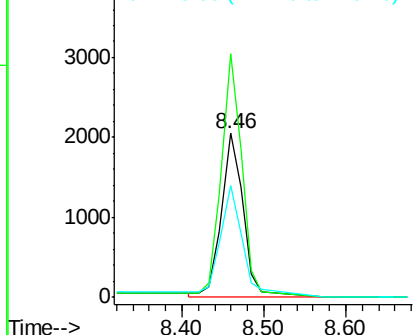
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	117.2	175.8
115	67.9	57.0	85.6



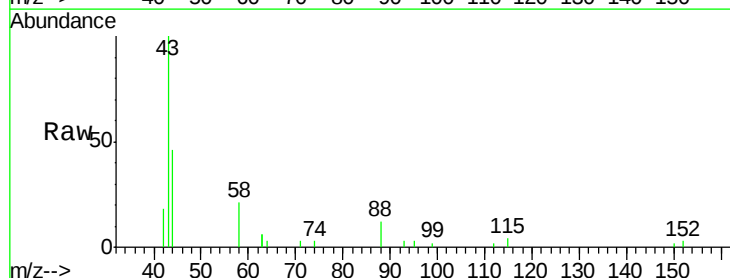
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



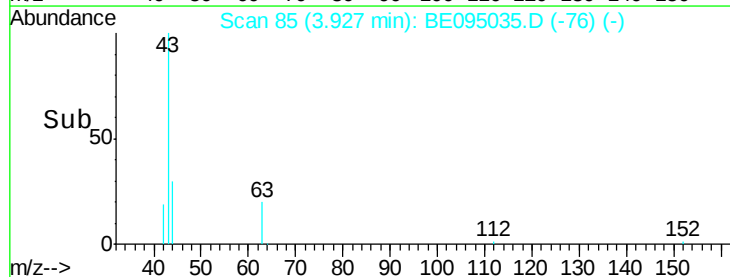
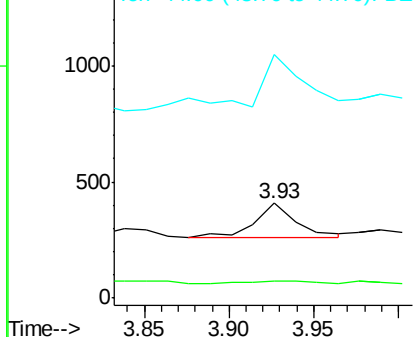
#3

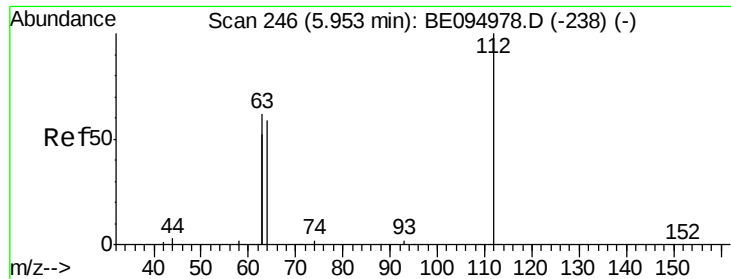
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.93 min Scan# 85
Delta R.T. -0.09 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	13.9	96.0	144.0#
44	136.5	12.0	18.0#



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: 0.054 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Instrument :

BNA_E

ClientSampleId :

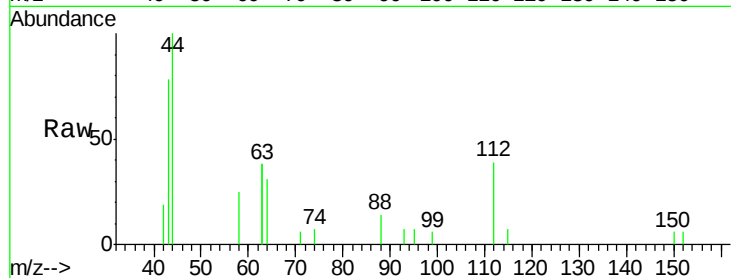
Tot Ion: 112 Resp: 484

Ion Ratio Lower Upper

112 100

64 83.3 60.1 90.1

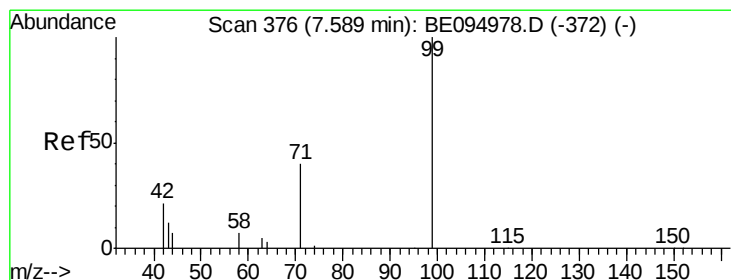
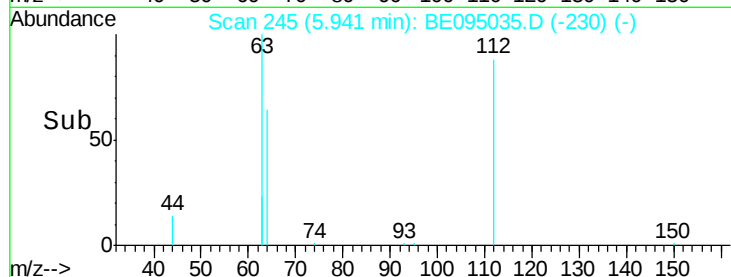
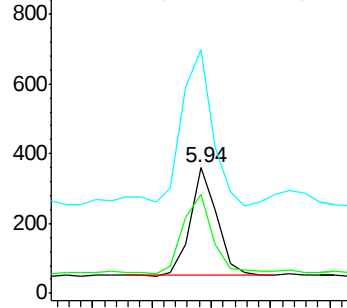
63 187.8 116.8 175.2#



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: 0.038 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

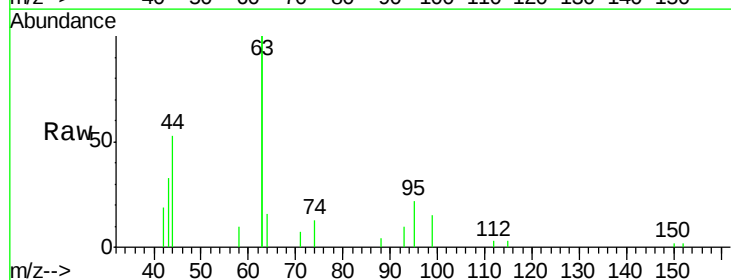
Tgt Ion: 99 Resp: 515

Ion Ratio Lower Upper

99 100

42 185.0 20.2 30.2#

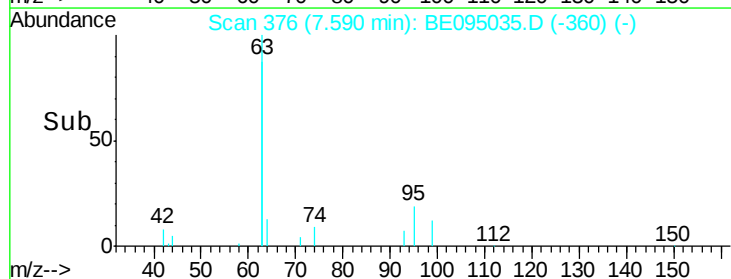
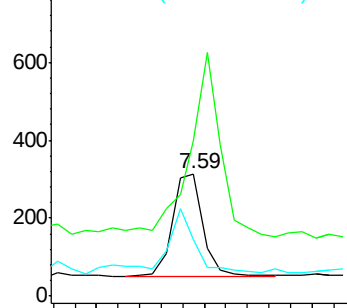
71 0.0 28.4 42.6#

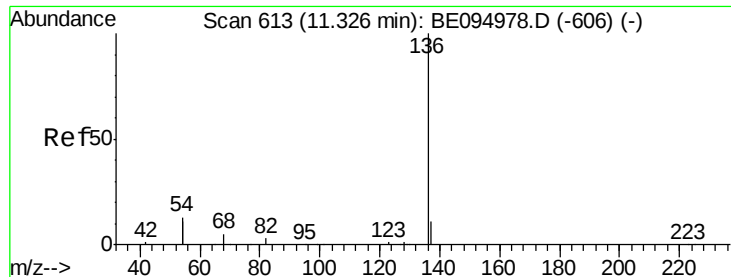


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13076

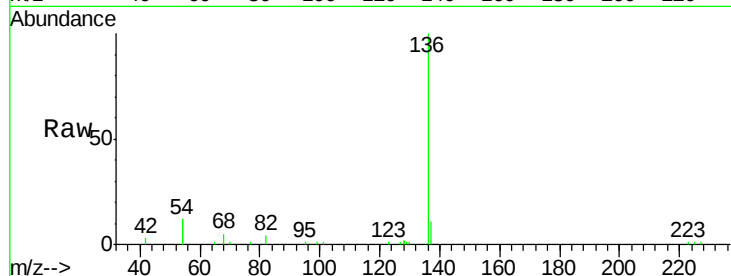
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 23.4 29.1 43.7#

68 5.1 6.2 9.2#

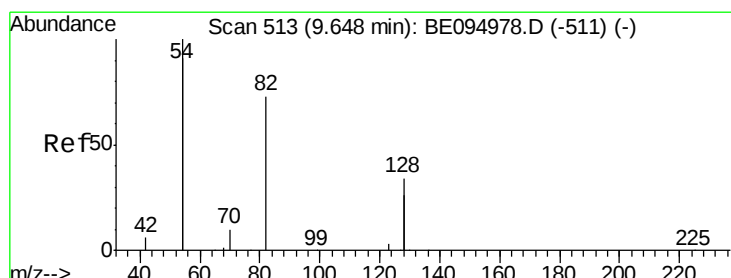
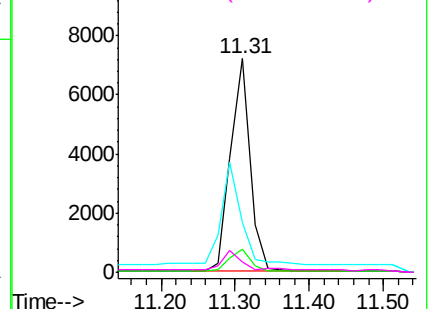
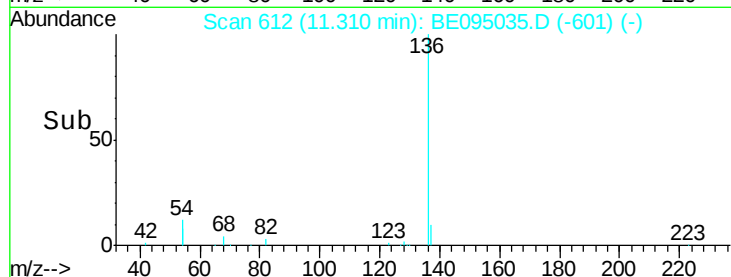


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.328 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

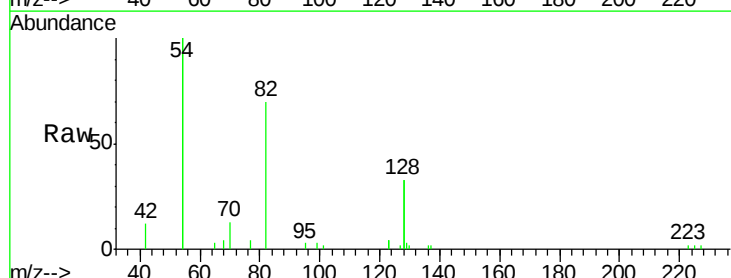
Tgt Ion: 82 Resp: 3519

Ion Ratio Lower Upper

82 100

128 94.7 150.0 225.0#

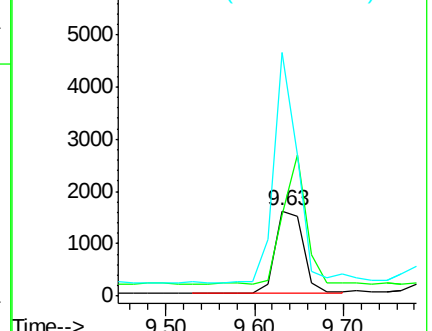
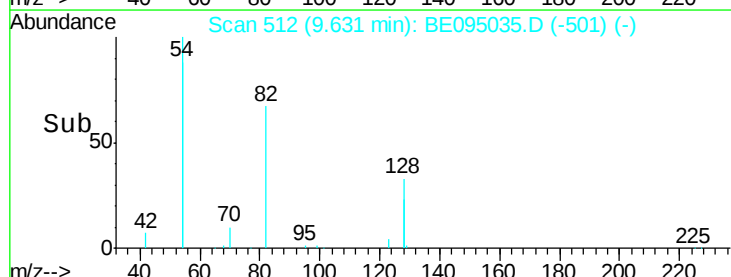
54 285.2 154.2 231.4#

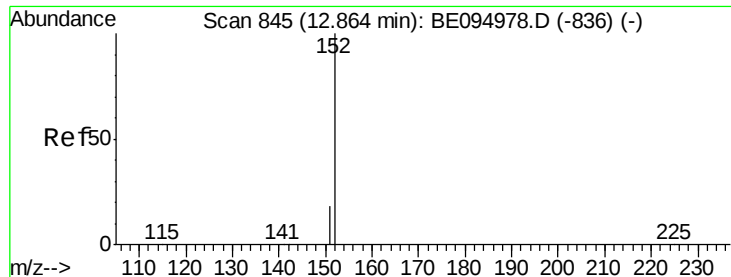


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

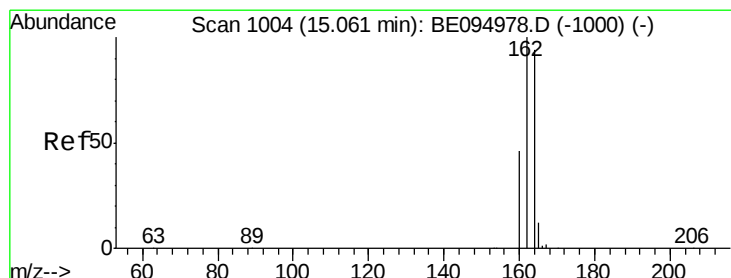
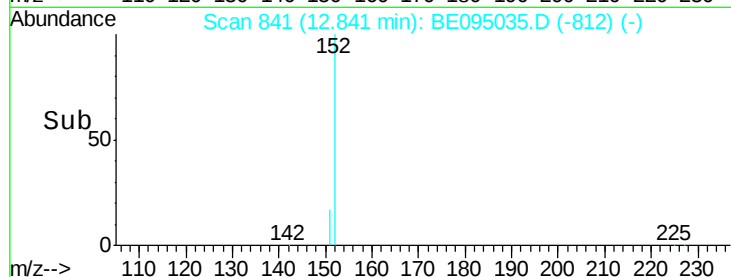
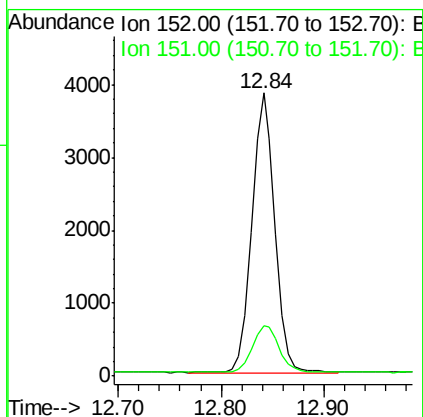
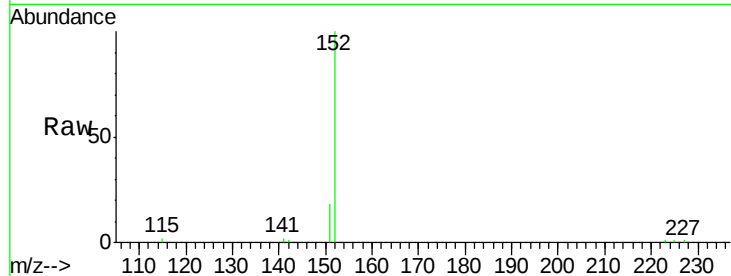




#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

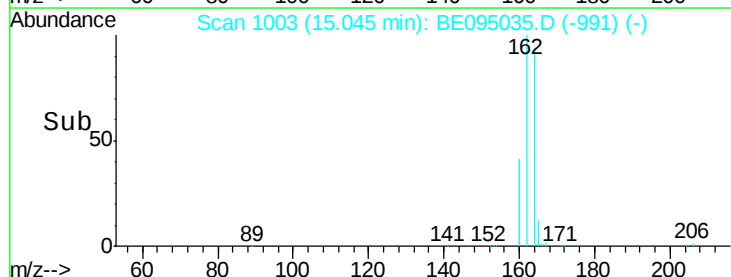
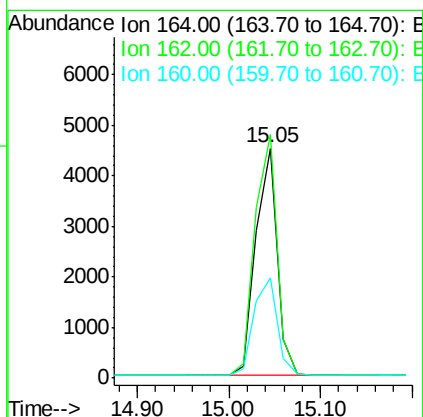
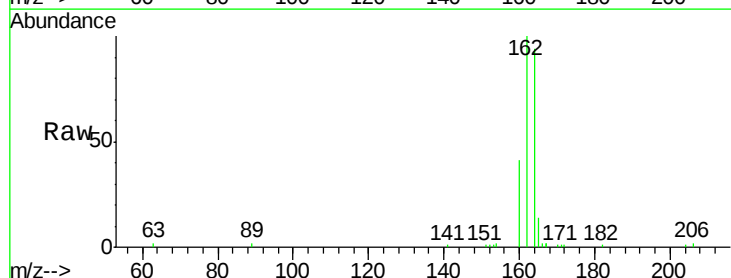
Instrument :
BNA_E
ClientSampleId :

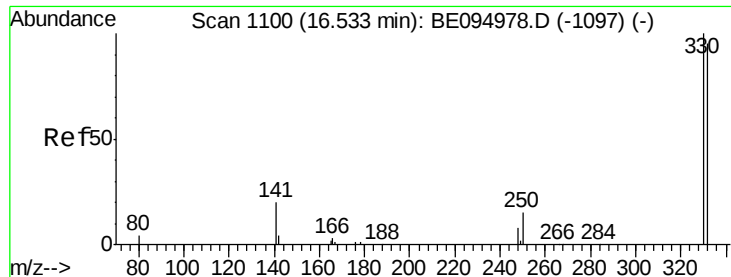
Tot Ion:152 Resp: 5943
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.05 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Tgt Ion:164 Resp: 7444
Ion Ratio Lower Upper
164 100
162 106.0 83.1 124.7
160 43.7 37.1 55.7

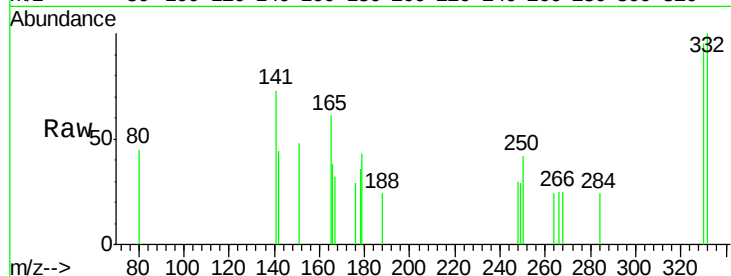




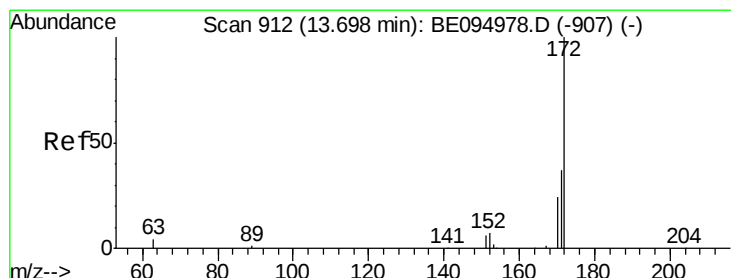
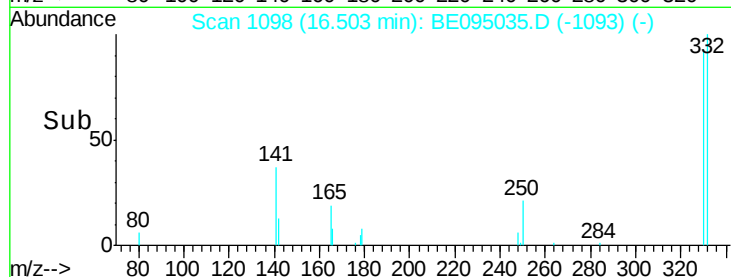
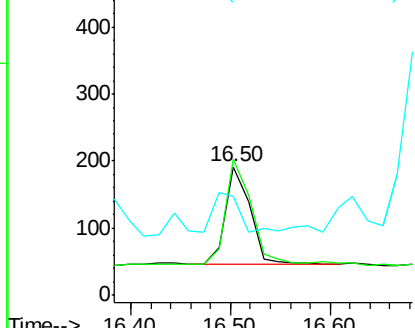
#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Instrument :
BNA_E
ClientSampled :

Tot Ion:330 Resp: 257
Ion Ratio Lower Upper
330 100
332 105.8 152.7 229.1#
141 42.4 33.7 50.5

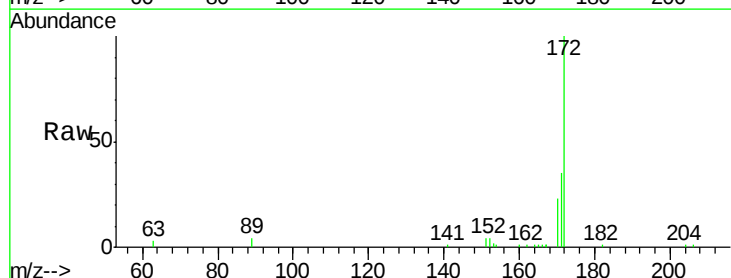


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

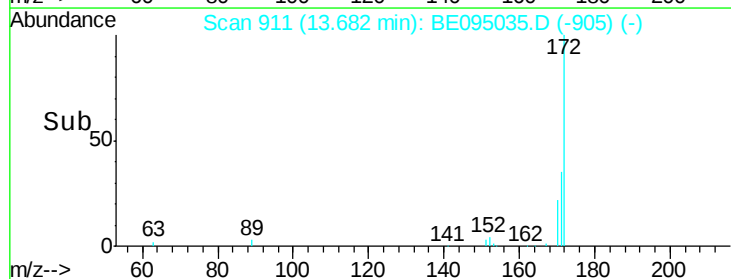
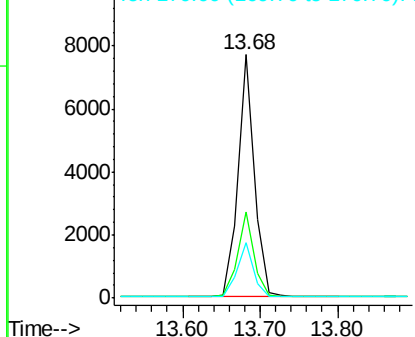


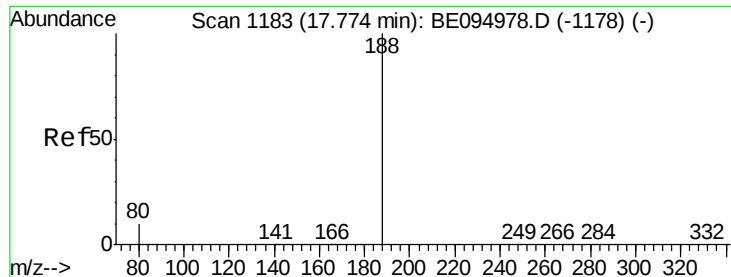
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Tgt Ion:172 Resp: 11234
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 22.6 21.8 32.8



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: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Instrument :

BNA_E

ClientSampleId :

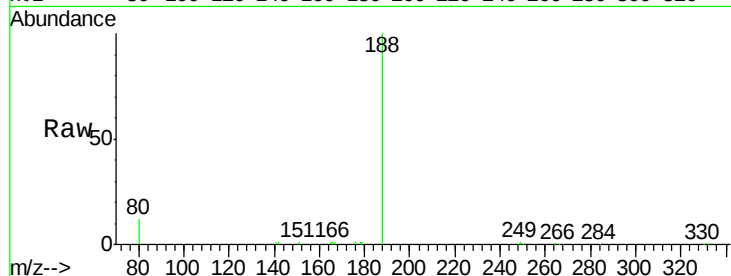
Tot Ion:188 Resp: 17951

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

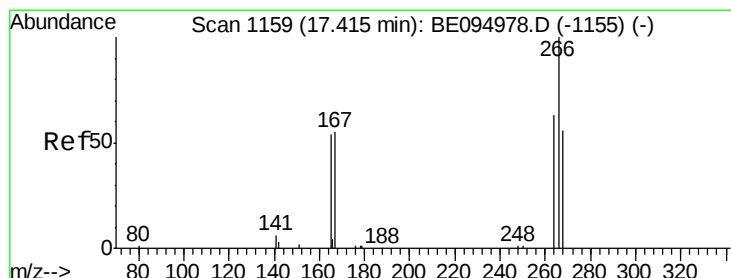
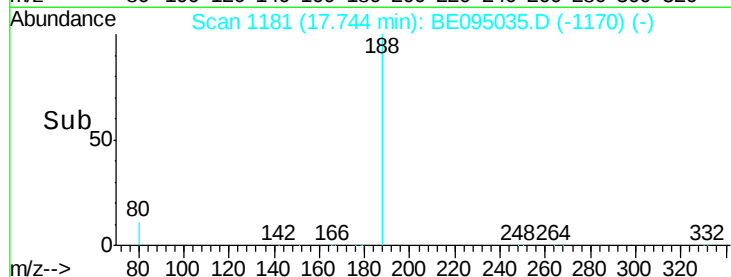
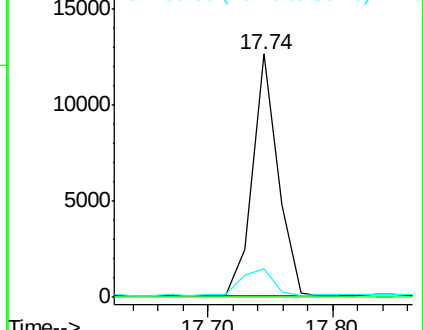
80 11.7 3.6 5.4#



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: 0.091 ng

RT: 17.36 min Scan# 1155

Delta R.T. -0.06 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

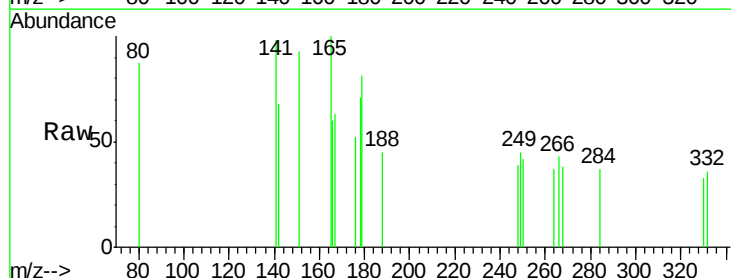
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 86.0 72.5 108.7

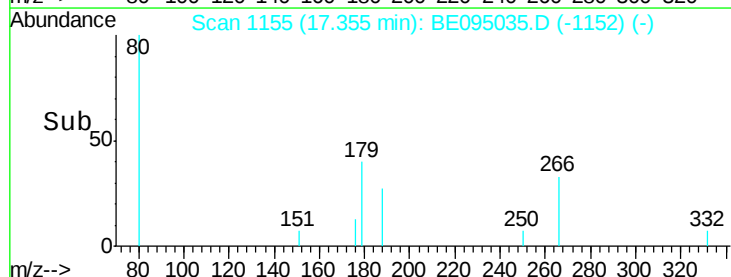
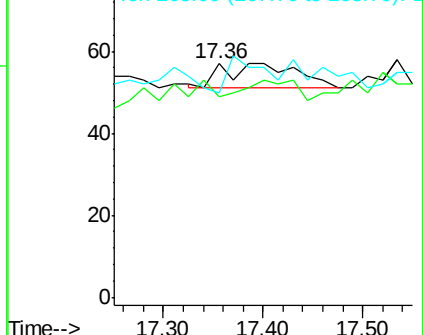
268 87.7 73.8 110.6

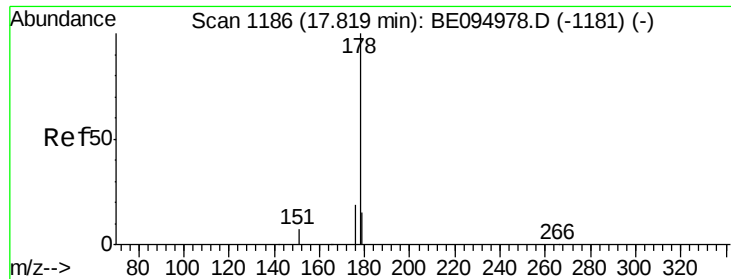


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.054 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Instrument :

BNA_E

ClientSampleId :

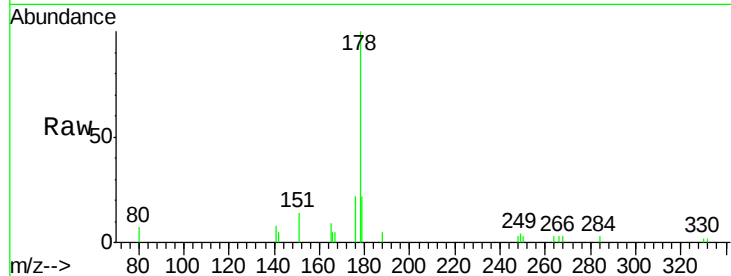
Tot Ion:178 Resp: 2994

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

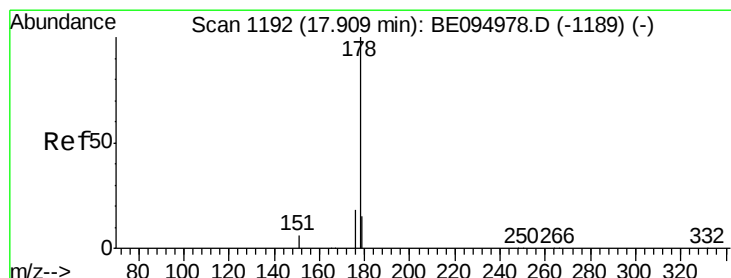
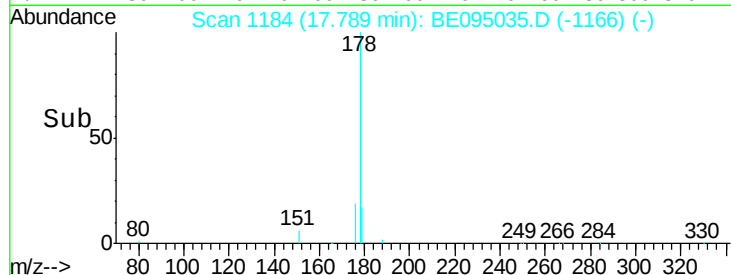
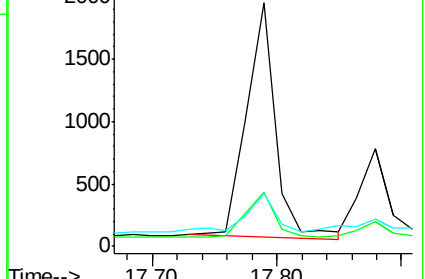
179 16.5 11.8 17.6



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



#24

Anthracene

Concen: 0.052 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.12 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

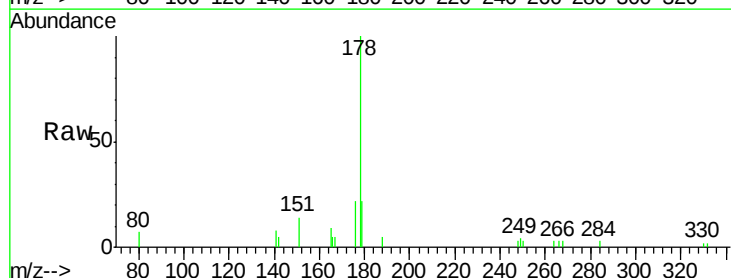
Tgt Ion:178 Resp: 2994

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

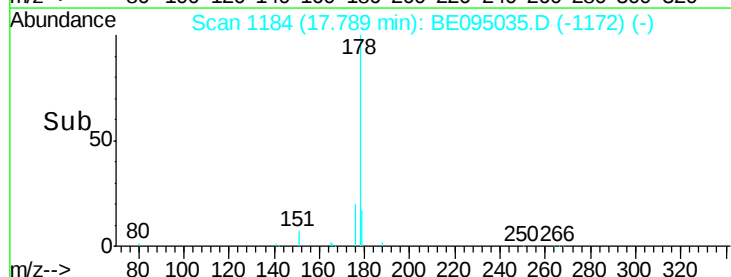
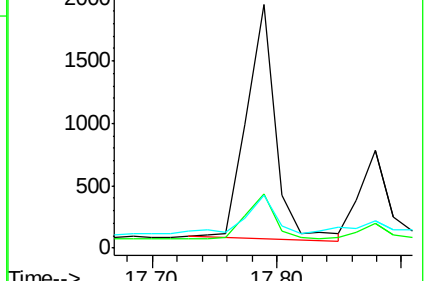
179 16.5 13.0 19.6

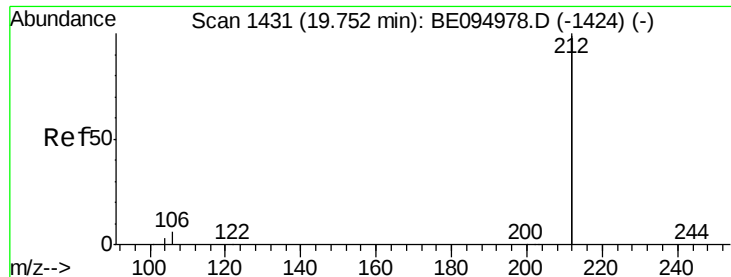


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

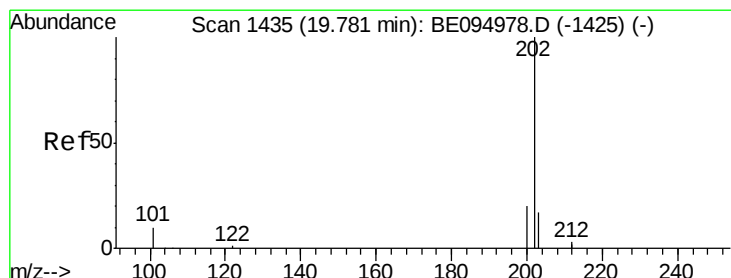
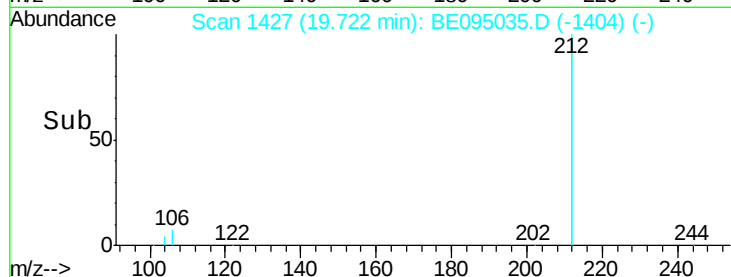
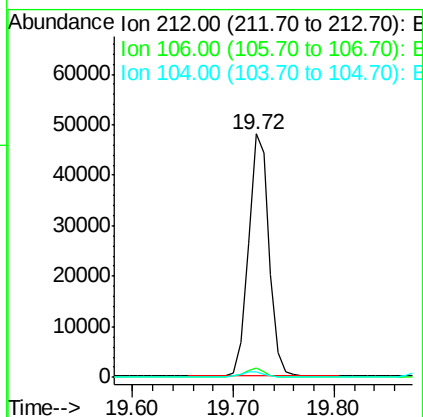
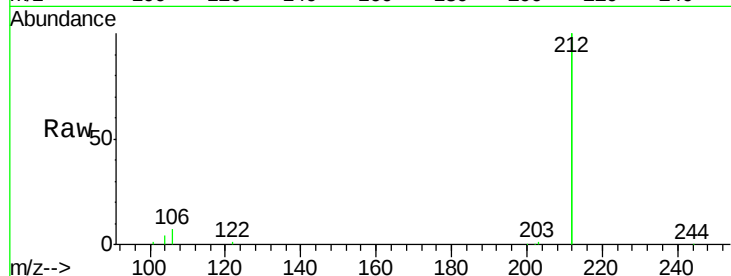




#25
 Fluoranthene-d10
 Concen: 0.290 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095035.D
 Acq: 19 Dec 2017 16:47

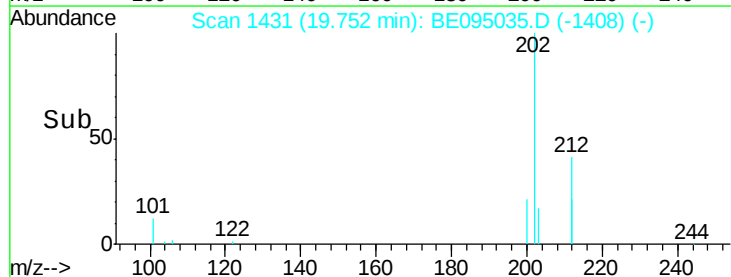
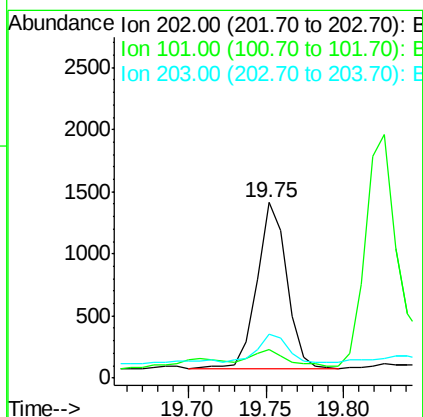
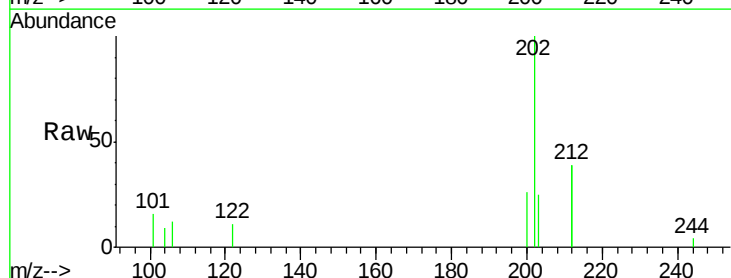
Instrument :
 BNA_E
 ClientSampleId :

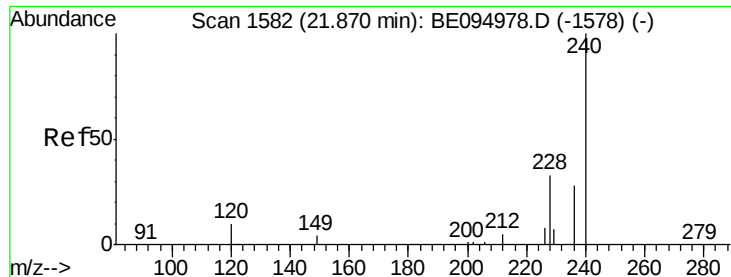
Tot Ion:212 Resp: 67506
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.8 4.2
 104 2.1 1.6 2.4



#26
 Fluoranthene
 Concen: 0.026 ng
 RT: 19.75 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BE095035.D
 Acq: 19 Dec 2017 16:47

Tgt Ion:202 Resp: 1765
 Ion Ratio Lower Upper
 202 100
 101 10.4 9.8 14.8
 203 17.3 13.7 20.5

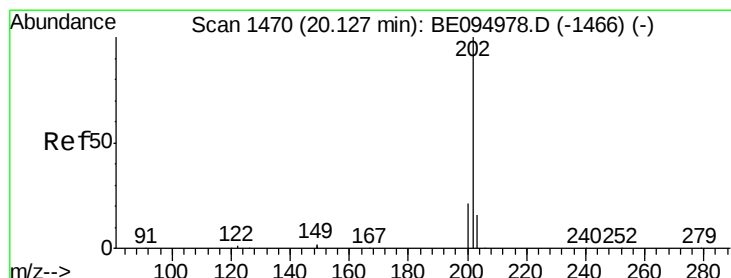
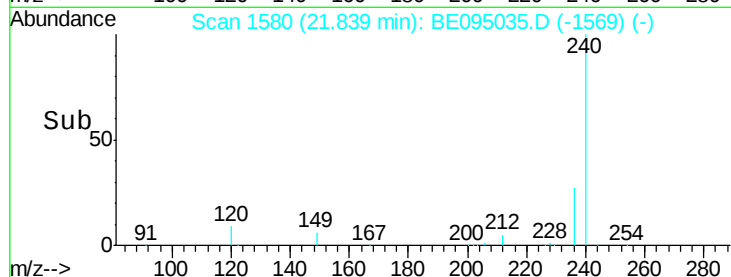
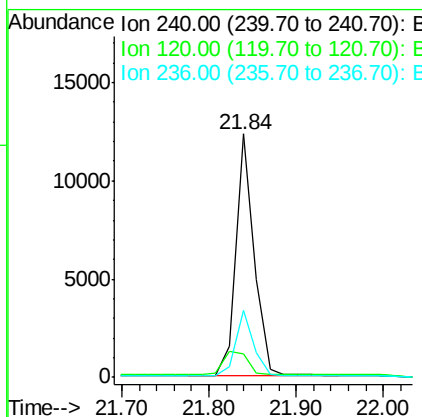
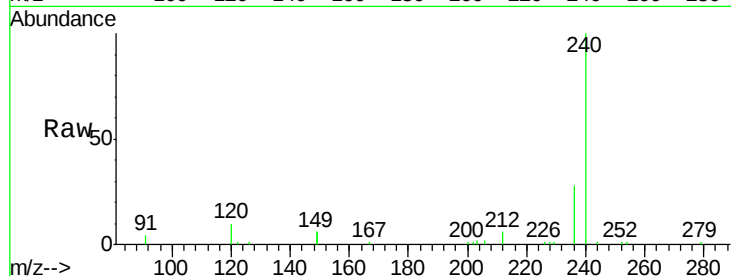




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

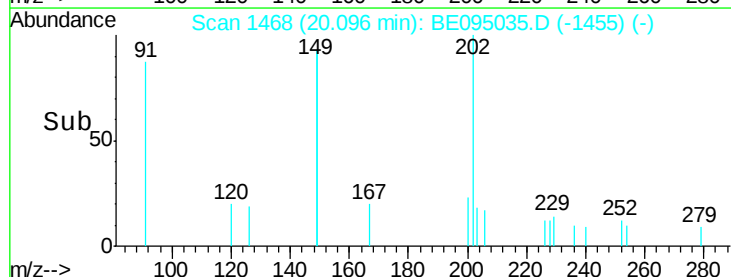
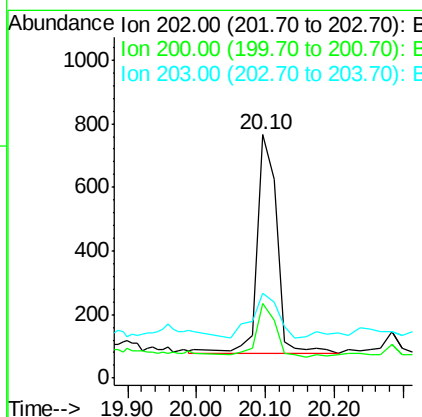
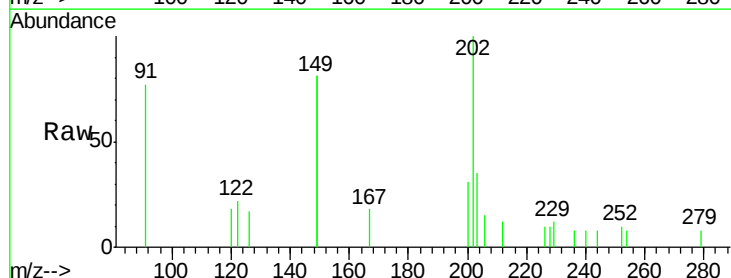
Instrument :
BNA_E
ClientSampleId :

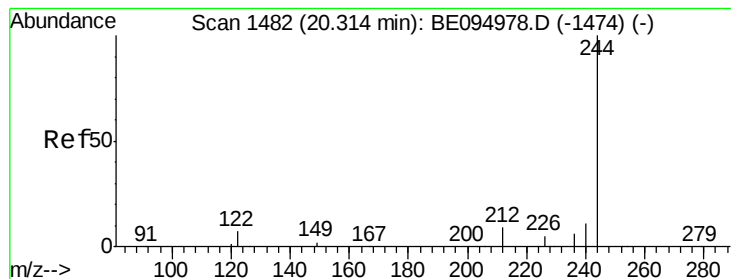
Tot Ion:240 Resp: 18193
Ion Ratio Lower Upper
240 100
120 9.9 5.5 8.3#
236 27.6 20.7 31.1



#28
Pyrene
Concen: 0.025 ng
RT: 20.10 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE095035.D
Acq: 19 Dec 2017 16:47

Tgt Ion:202 Resp: 1520
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 23.6 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.481 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Instrument :

BNA_E

ClientSampleId :

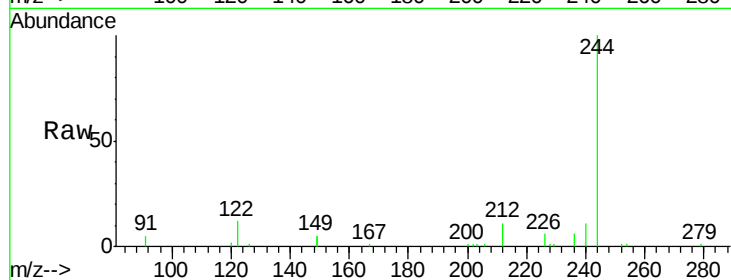
Tot Ion:244 Resp: 16463

Ion Ratio Lower Upper

244 100

212 10.7 25.4 38.0#

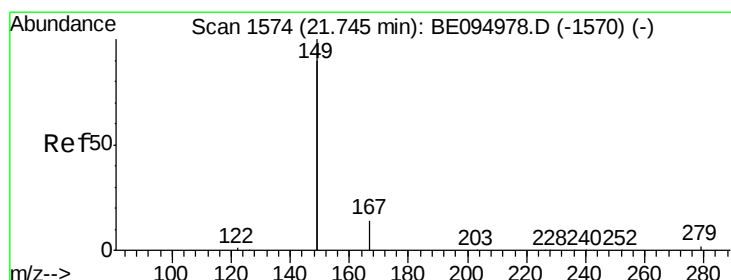
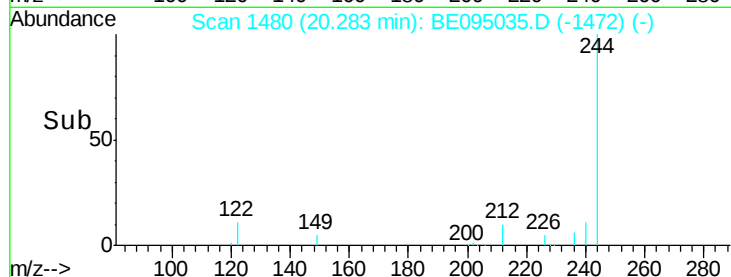
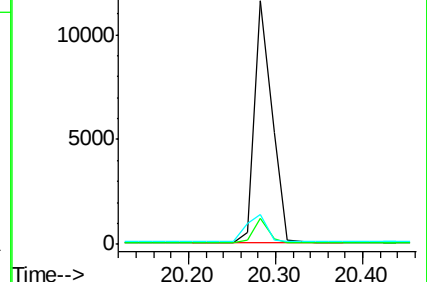
122 12.3 8.1 12.1#



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: 0.422 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

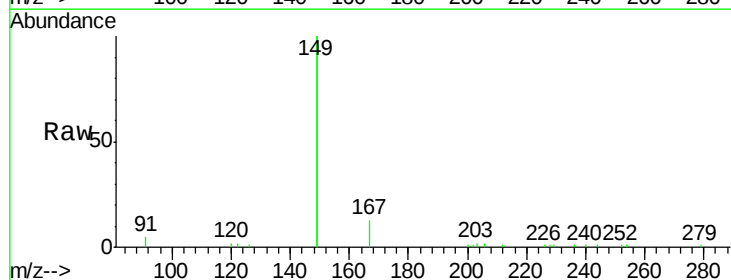
Tgt Ion:149 Resp: 28605

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

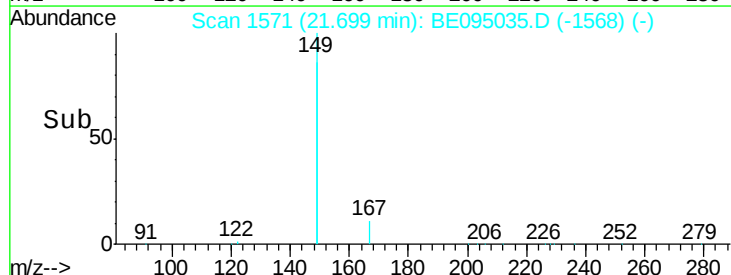
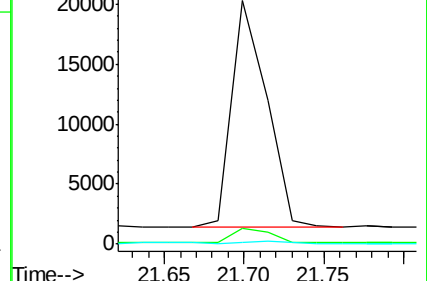
279 0.8 0.7 1.1

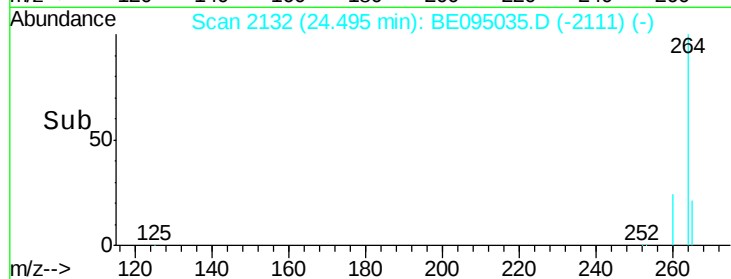
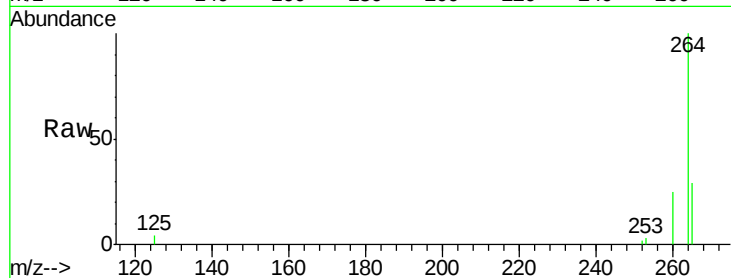
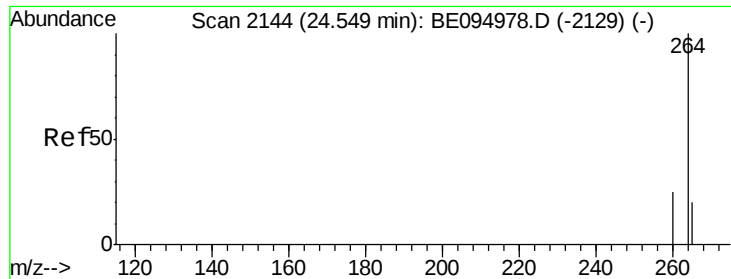


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.49 min Scan# 2132

Delta R.T. -0.05 min

Lab File: BE095035.D

Acq: 19 Dec 2017 16:47

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 16163

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

265 29.1 22.8 34.2

