

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122617\
 Data File : BE095061.D
 Acq On : 26 Dec 2017 18:11
 Operator : SJ/JU
 Sample : I7004-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-121917

Quant Time: Dec 27 01:07:05 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

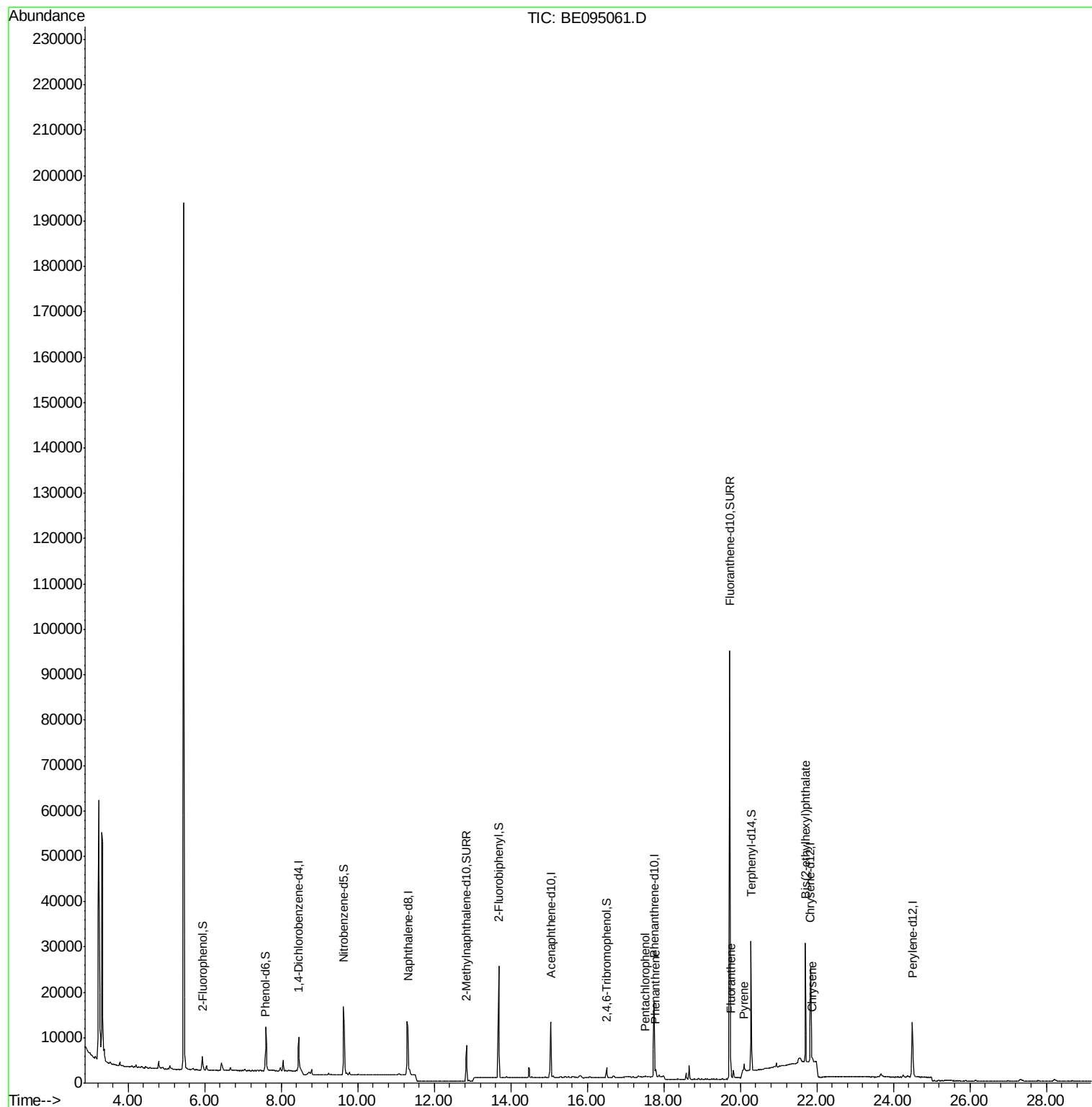
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6487	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	15832	0.40	ng	-0.02
13) Acenaphthene-d10	15.04	164	8974	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	21181	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	21470	0.40	ng	-0.03
34) Perylene-d12	24.49	264	19129	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1688	0.17	ng	0.00
5) Phenol-d6	7.58	99	1499	0.10	ng	0.00
8) Nitrobenzene-d5	9.63	82	6628	0.51	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	10647	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	1311	0.63	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	22397	0.56	ng	-0.02
25) Fluoranthene-d10	19.72	212	120059	0.44	ng	-0.03
29) Terphenyl-d14	20.28	244	26058	0.64	ng	-0.03
Target Compounds						Qvalue
22) Pentachlorophenol	17.50	266	12	0.083	ng	95
23) Phenanthrene	17.79	178	1976	0.030	ng	# 93
26) Fluoranthene	19.75	202	2004	0.025	ng	96
28) Pyrene	20.10	202	1655	0.023	ng	# 85
31) Chrysene	21.87	228	1907	0.027	ng	91
32) Bis(2-ethylhexyl)phthalate	21.70	149	29977	0.375	ng	100

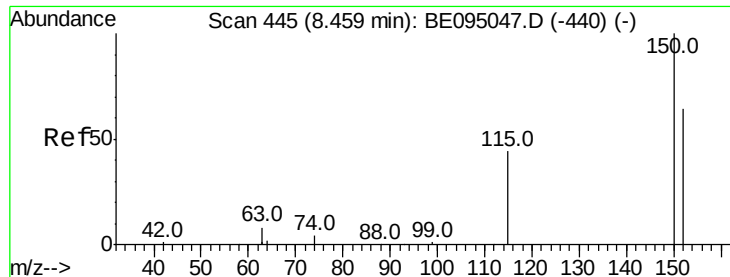
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

Instrument :

BNA_E

ClientSampleId :

C-MW-06-121917

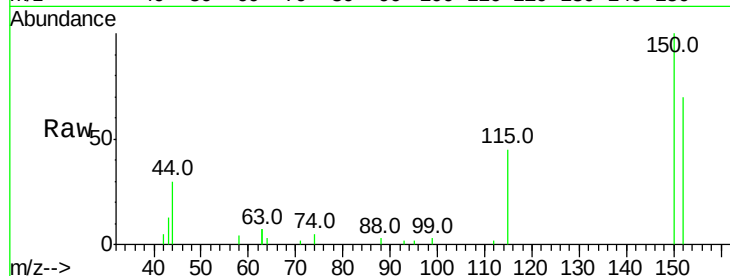
Tot Ion:152 Resp: 6487

Ion Ratio Lower Upper

152 100

150 142.5 117.2 175.8

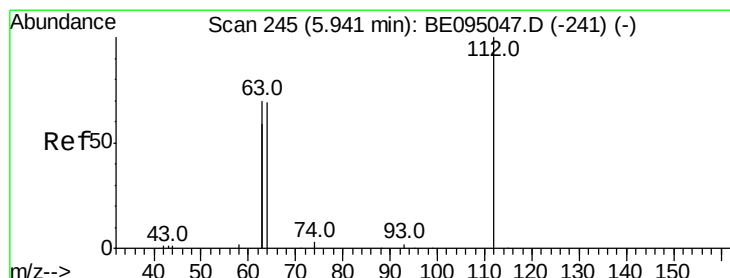
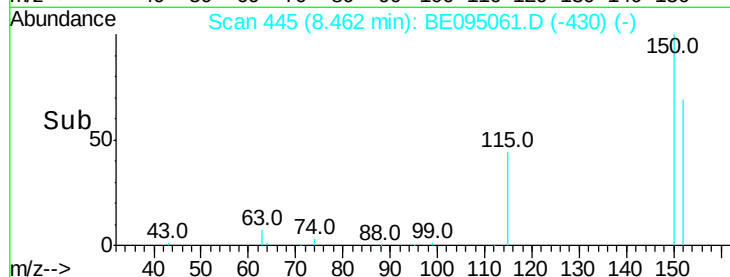
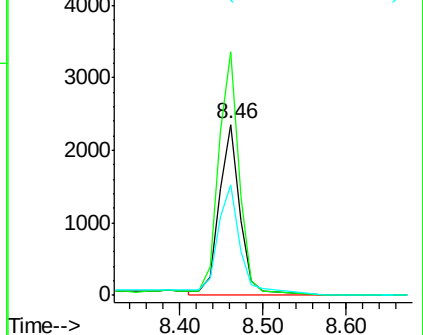
115 64.3 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.168 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

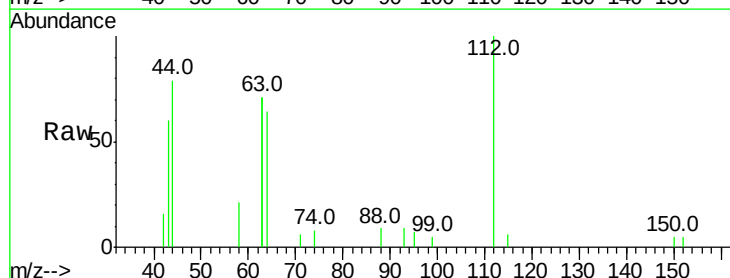
Tgt Ion:112 Resp: 1688

Ion Ratio Lower Upper

112 100

64 74.3 60.1 90.1

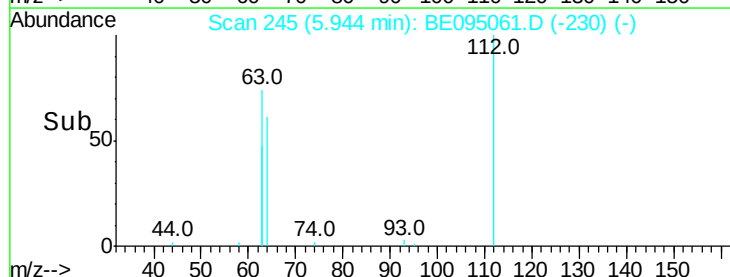
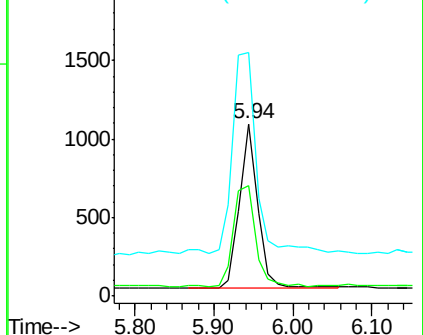
63 173.7 116.8 175.2

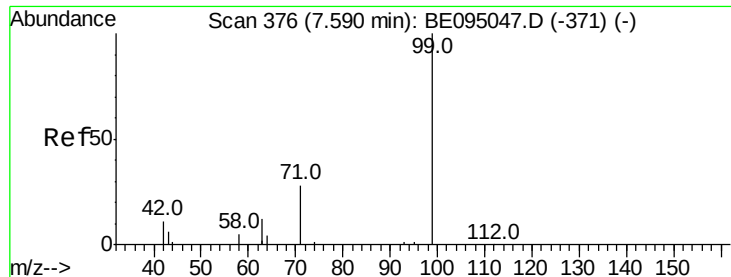


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.100 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

Instrument :

BNA_E

ClientSampleId :

C-MW-06-121917

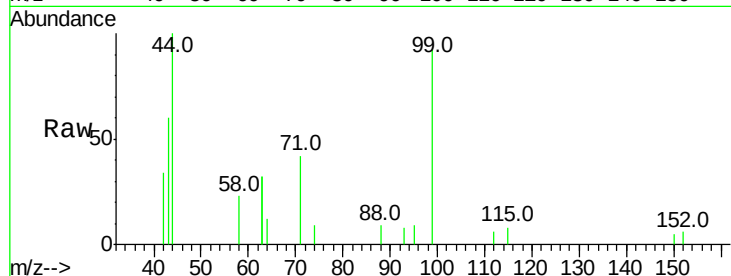
Tot Ion: 99 Resp: 1499

Ion Ratio Lower Upper

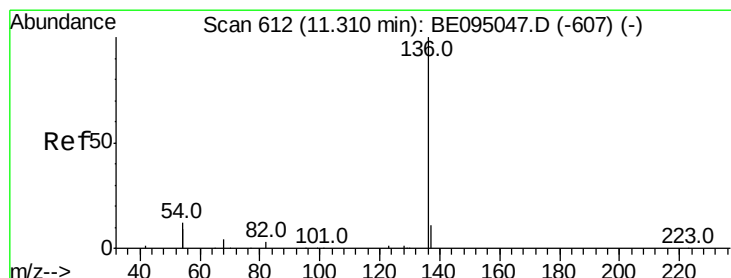
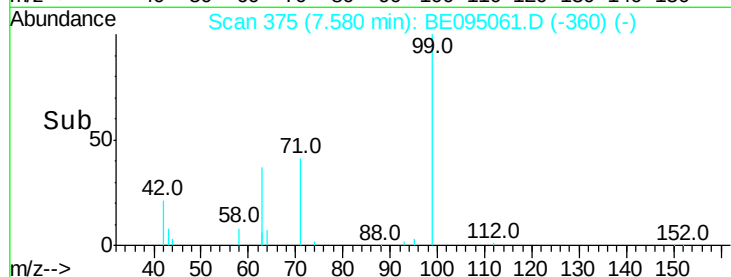
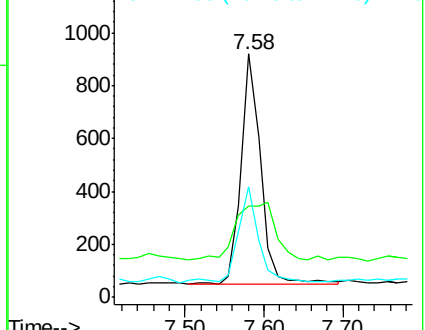
99 100

42 0.0 20.2 30.2#

71 41.5 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: BE095061.D

Acq: 26 Dec 2017 18:11

Tgt Ion: 136 Resp: 15832

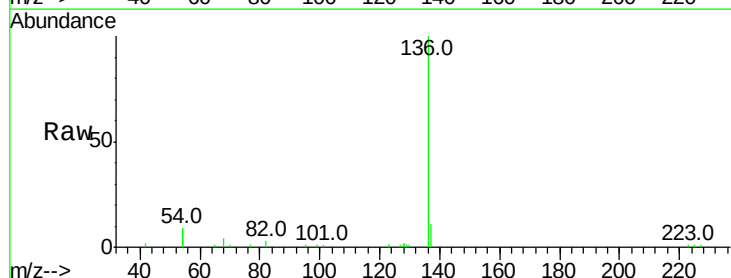
Ion Ratio Lower Upper

136 100

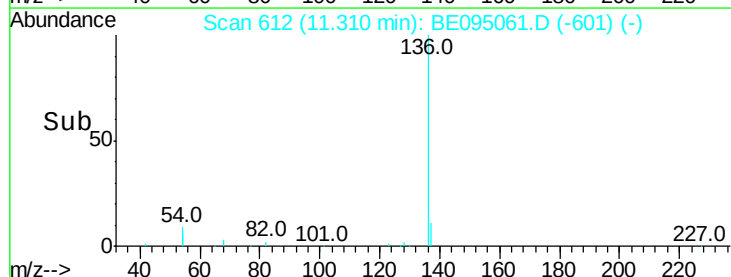
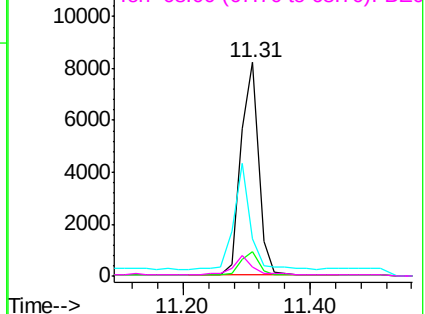
137 11.4 9.5 14.3

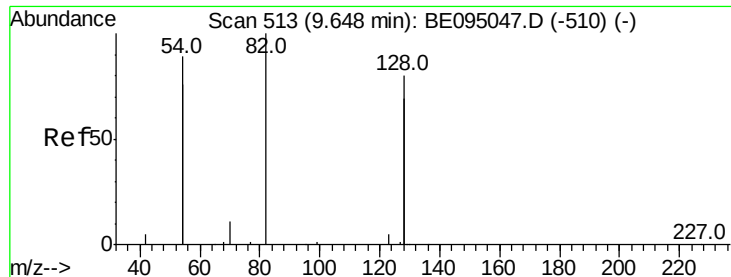
54 17.5 29.1 43.7#

68 4.2 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: 0.510 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

Instrument :

BNA_E

ClientSampleId :

C-MW-06-121917

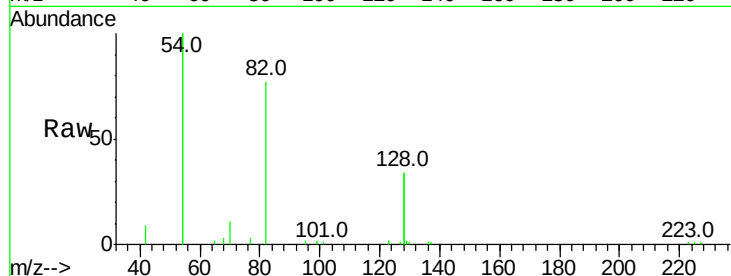
Tot Ion: 82 Resp: 6628

Ion Ratio Lower Upper

82 100

128 90.0 150.0 225.0#

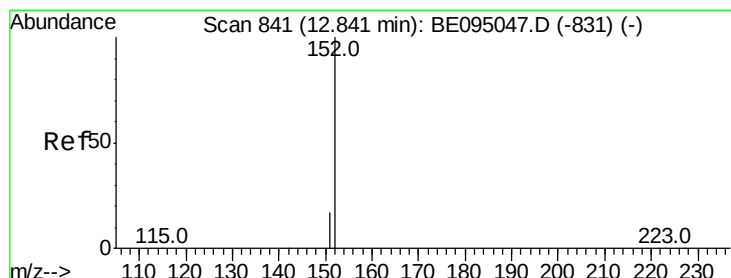
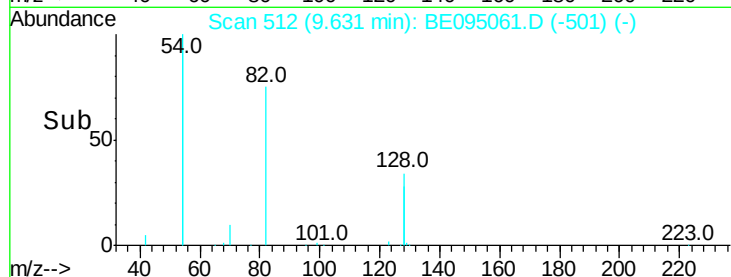
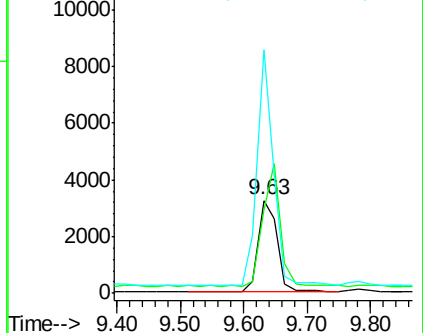
54 261.3 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095061.D (-512) (-)

Ion 128.00 (127.70 to 128.70): BE095061.D (-512) (-)

Ion 54.00 (53.70 to 54.70): BE095061.D (-512) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095061.D

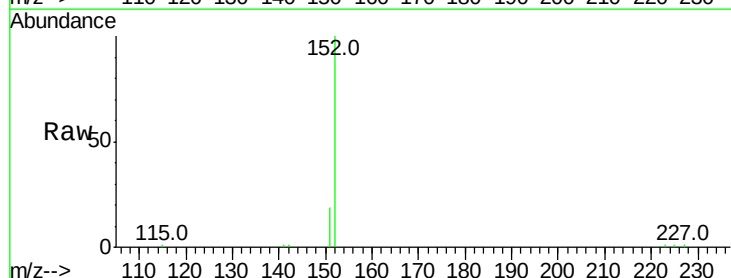
Acq: 26 Dec 2017 18:11

Tgt Ion: 152 Resp: 10647

Ion Ratio Lower Upper

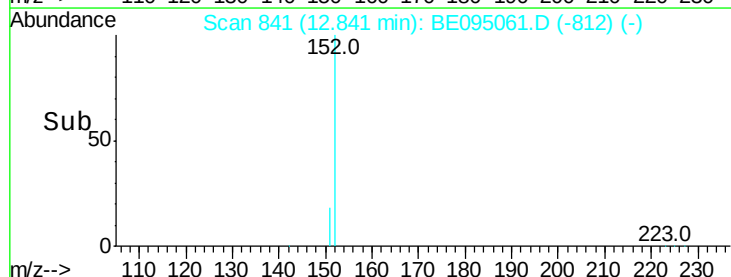
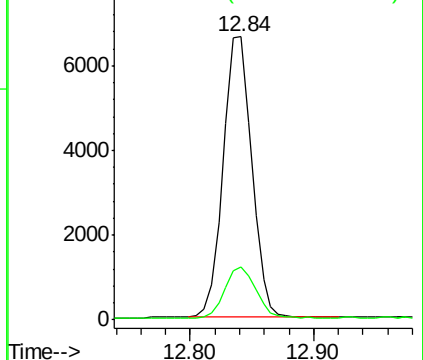
152 100

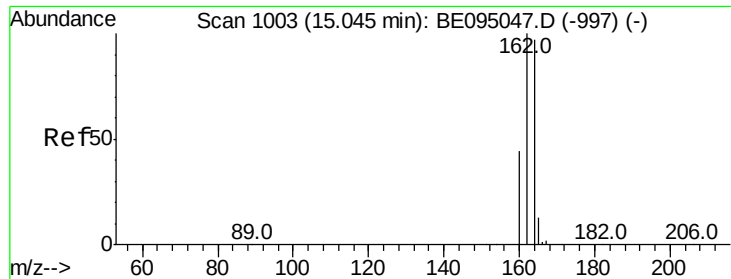
151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095061.D (-812) (-)

Ion 151.00 (150.70 to 151.70): BE095061.D (-812) (-)

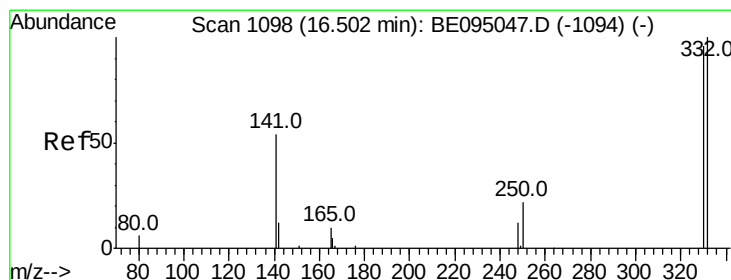
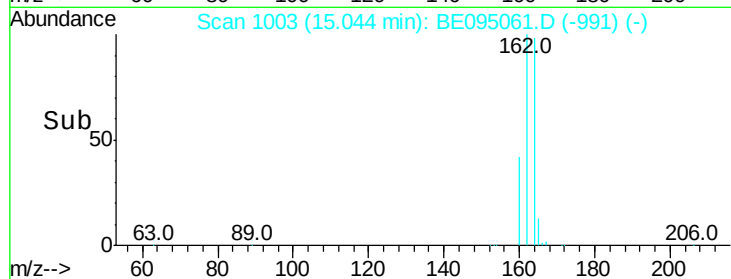
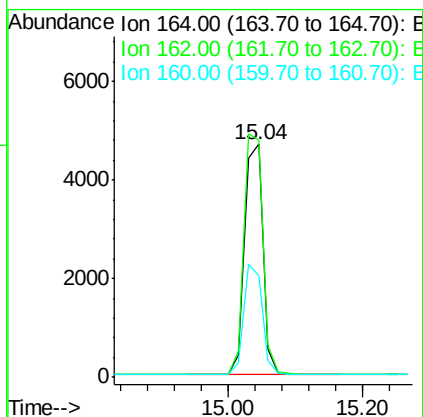
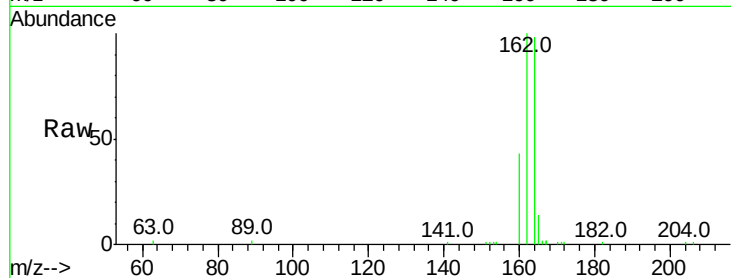




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.04 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BE095061.D
 Acq: 26 Dec 2017 18:11

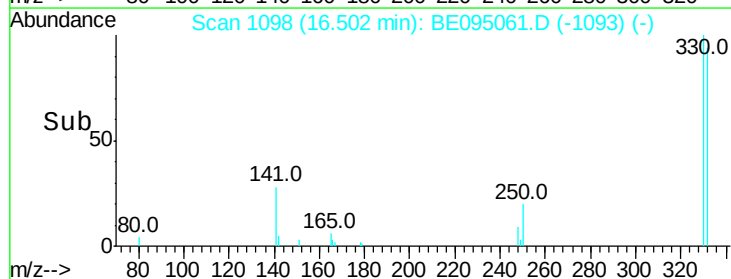
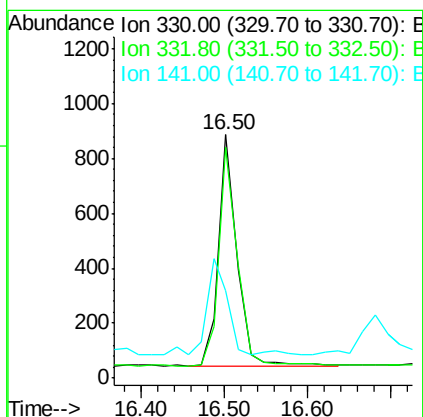
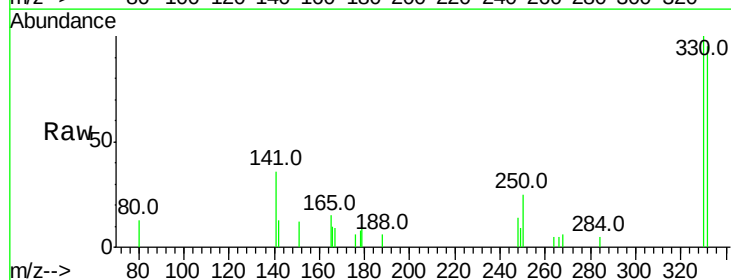
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-121917

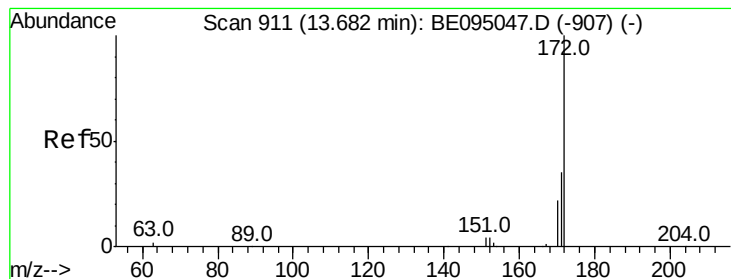
Tot Ion:164 Resp: 8974
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.1 124.7
 160 43.4 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.629 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095061.D
 Acq: 26 Dec 2017 18:11

Tgt Ion:330 Resp: 1311
 Ion Ratio Lower Upper
 330 100
 332 95.0 152.7 229.1#
 141 44.7 33.7 50.5

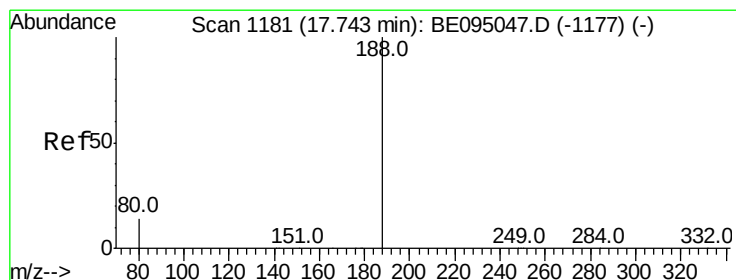
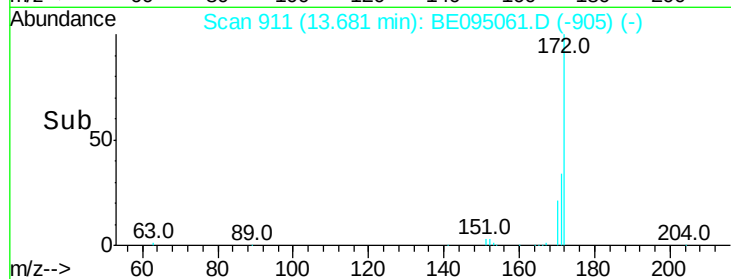
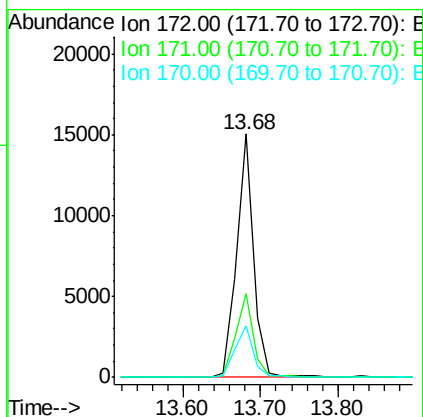
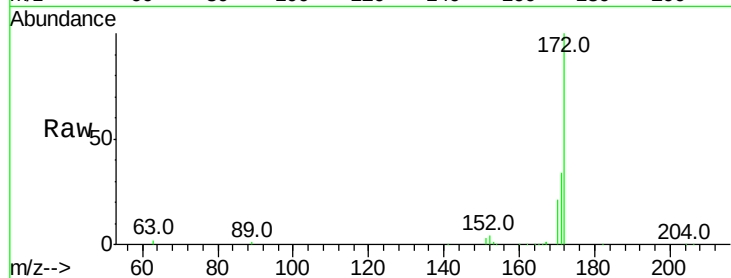




#15
2-Fluorobiphenyl
Concen: 0.563 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095061.D
Acq: 26 Dec 2017 18:11

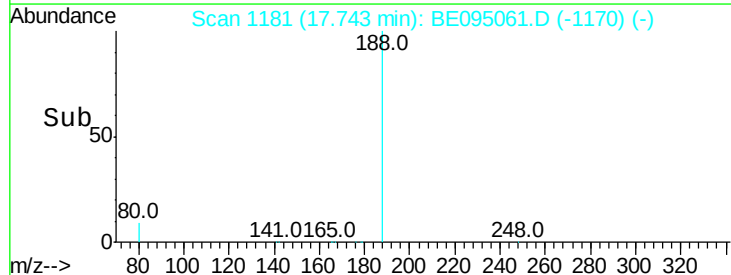
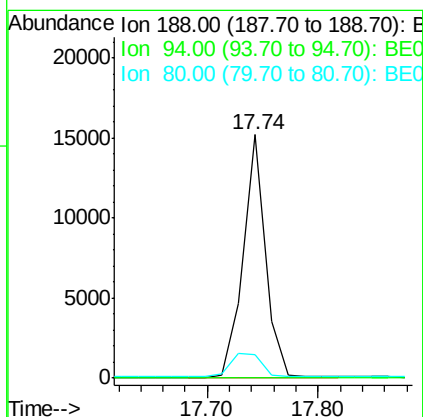
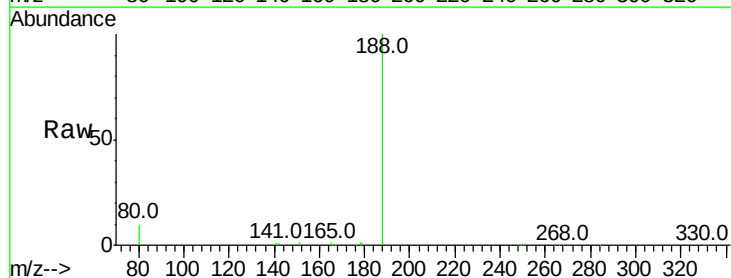
Instrument :
BNA_E
ClientSampleId :
C-MW-06-121917

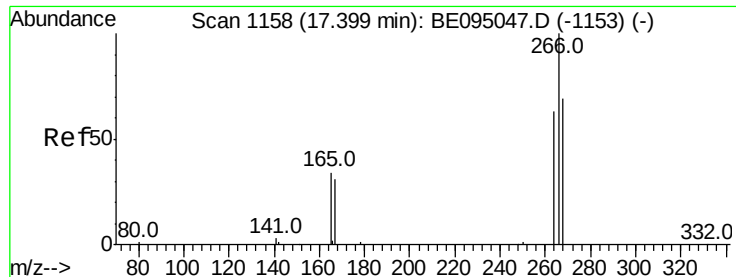
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.9	44.9
170	21.0	21.8	32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095061.D
Acq: 26 Dec 2017 18:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.5	3.6	5.4#





#22

Pentachlorophenol

Concen: 0.083 ng

RT: 17.50 min Scan# 1165

Delta R.T. 0.09 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

Instrument :

BNA_E

ClientSampleId :

C-MW-06-121917

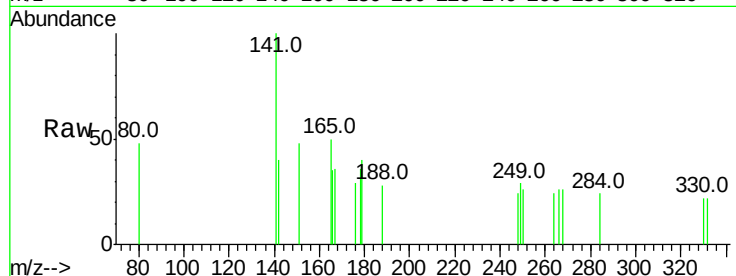
Tot Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 92.7 72.5 108.7

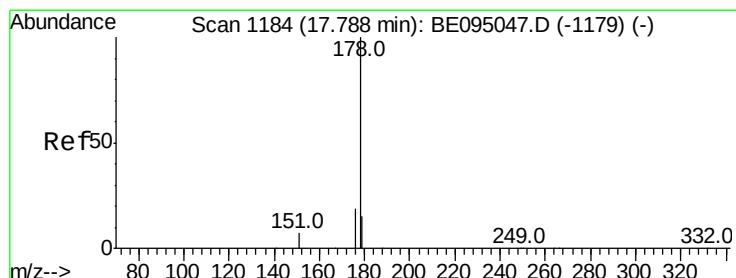
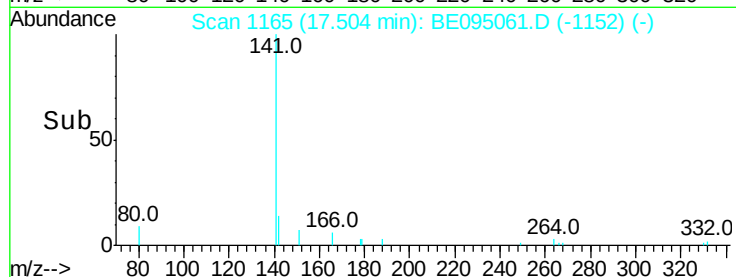
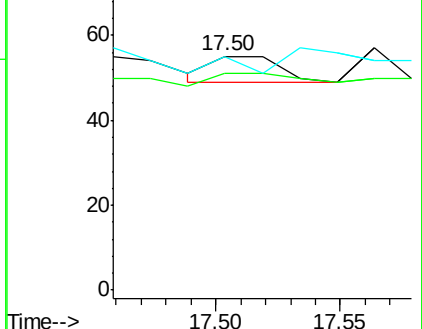
268 100.0 73.8 110.6



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: 0.030 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

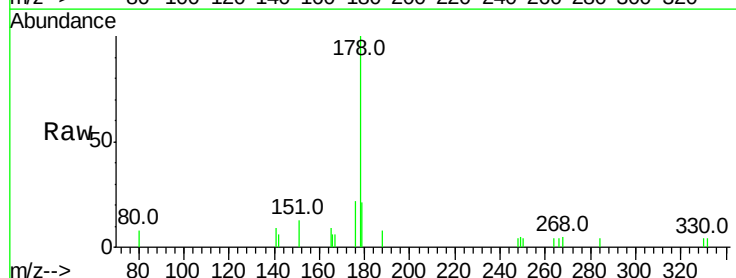
Tgt Ion:178 Resp: 1976

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

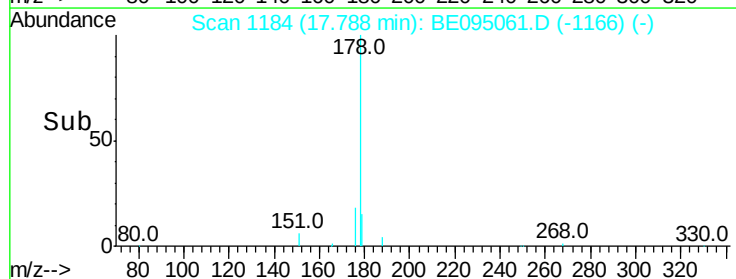
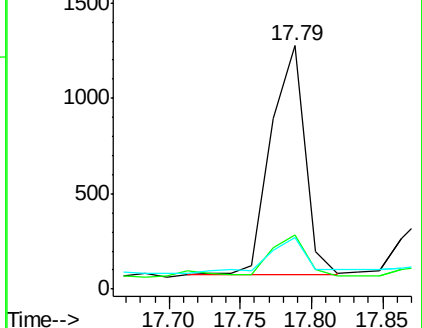
179 20.1 11.8 17.6#

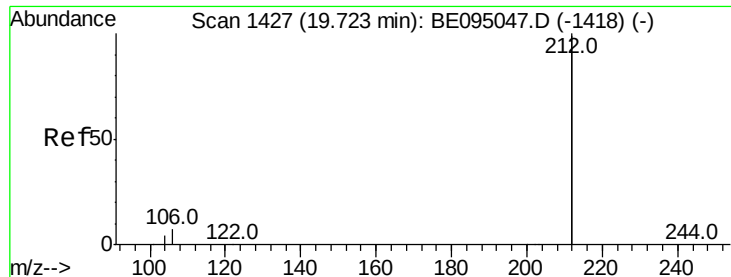


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.437 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095061.D

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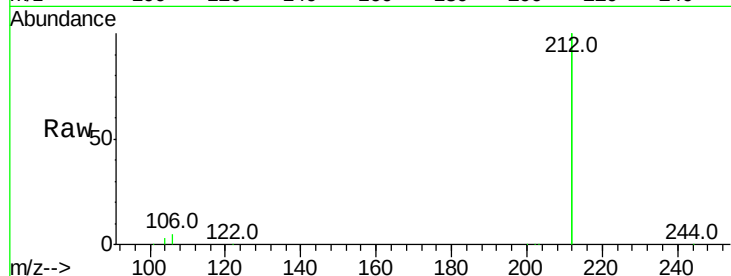
Tot Ion:212 Resp: 120059

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

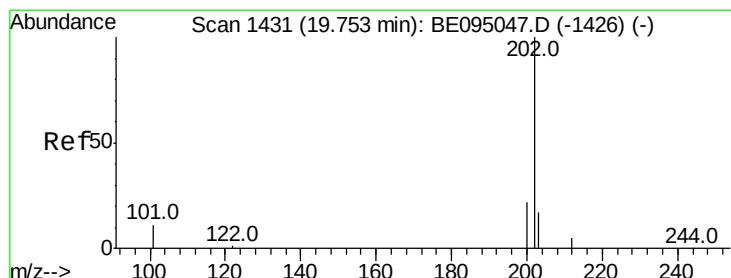
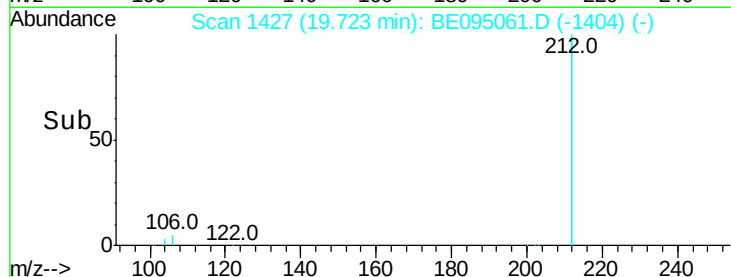
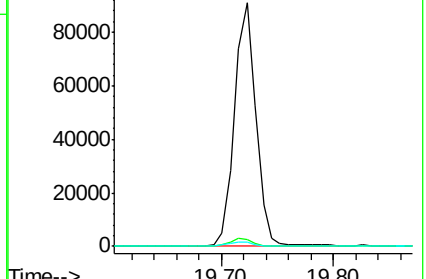
104 1.9 1.6 2.4



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: 0.025 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

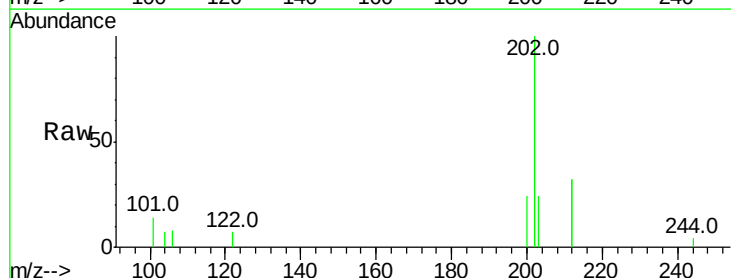
Tgt Ion:202 Resp: 2004

Ion Ratio Lower Upper

202 100

101 13.3 9.8 14.8

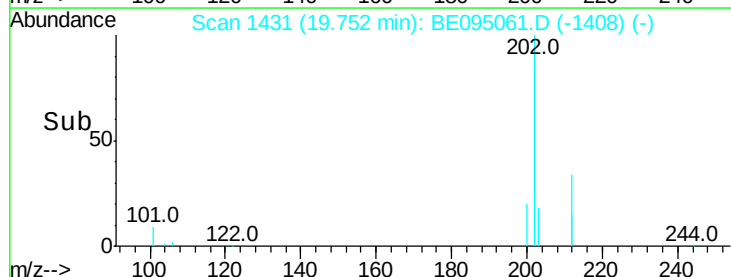
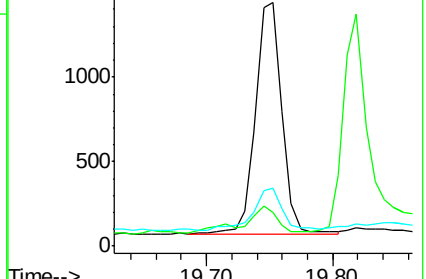
203 19.3 13.7 20.5

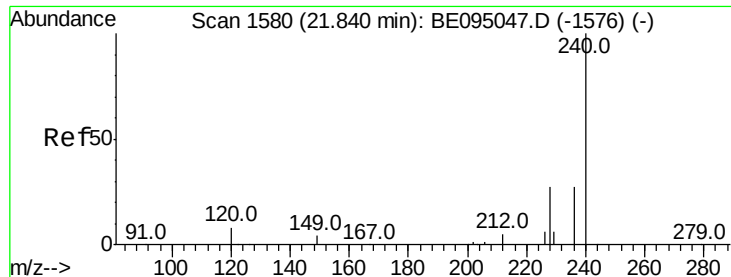


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

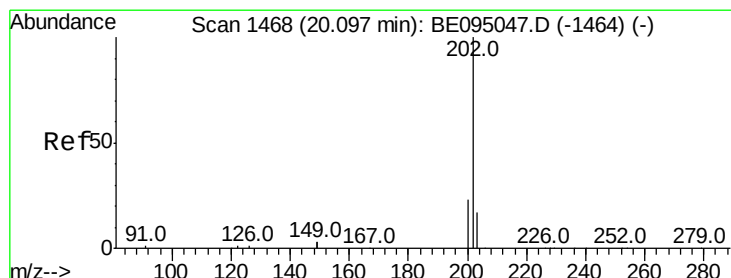
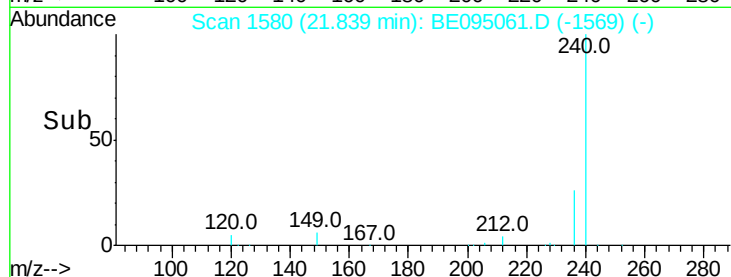
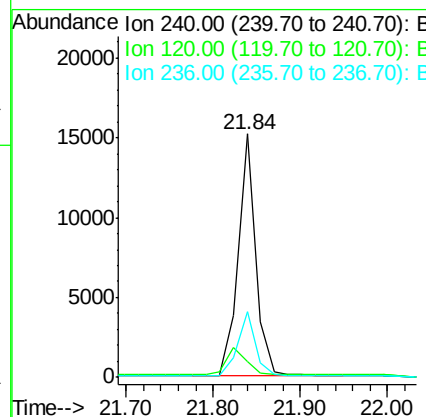
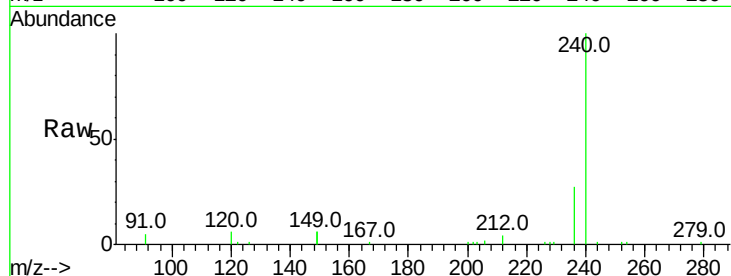




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BE095061.D
 Acq: 26 Dec 2017 18:11

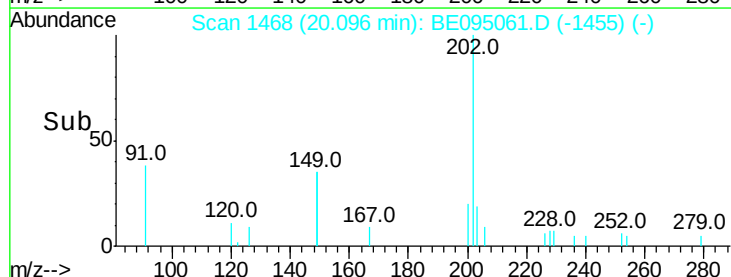
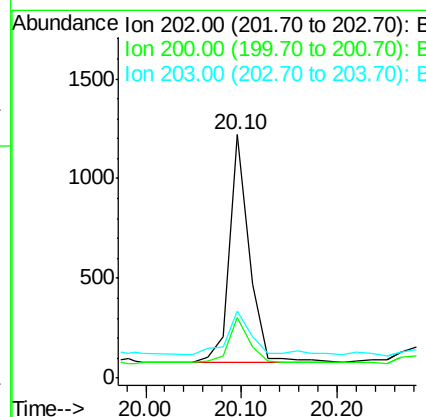
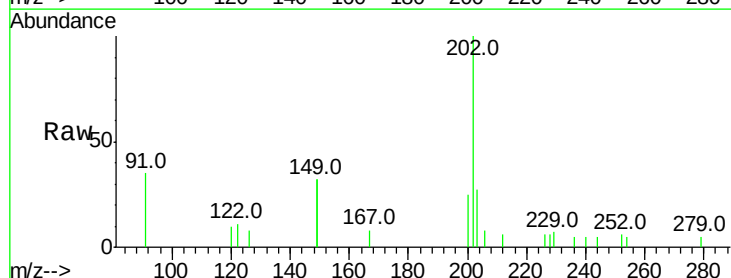
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-06-121917

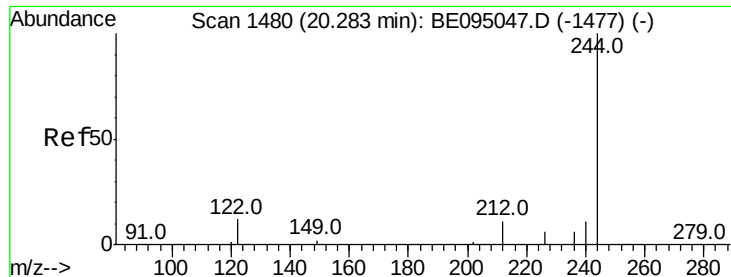
Tot Ion:240 Resp: 21470
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.5 8.3
 236 27.0 20.7 31.1



#28
 Pyrene
 Concen: 0.023 ng
 RT: 20.10 min Scan# 1468
 Delta R.T. -0.03 min
 Lab File: BE095061.D
 Acq: 26 Dec 2017 18:11

Tgt Ion:202 Resp: 1655
 Ion Ratio Lower Upper
 202 100
 200 29.4 16.6 25.0#
 203 21.7 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.645 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

Instrument :

BNA_E

ClientSampleId :

C-MW-06-121917

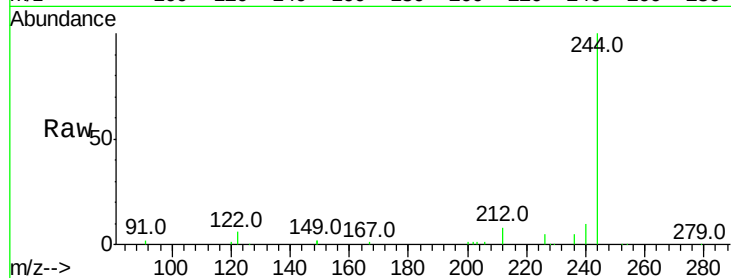
Tot Ion:244 Resp: 26058

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

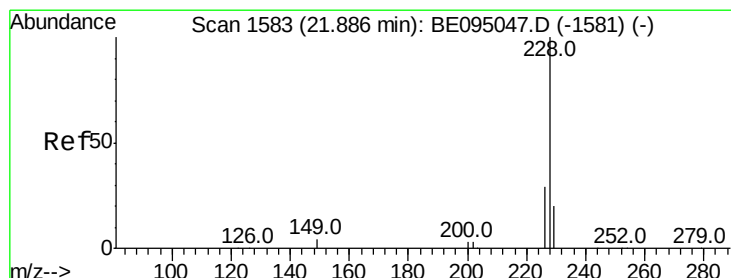
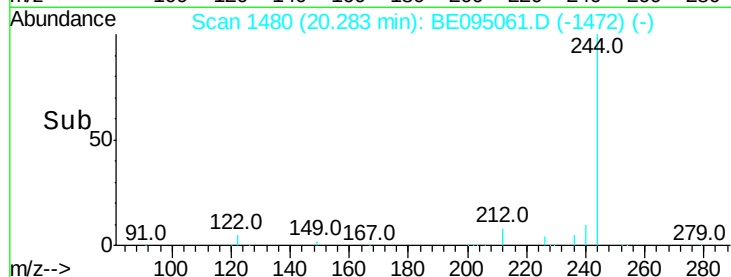
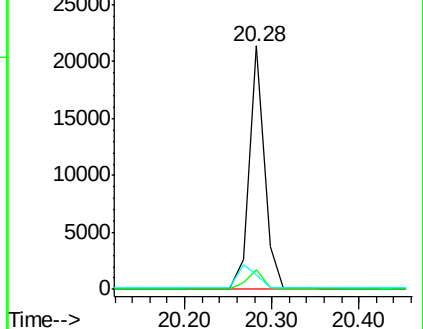
122 5.7 8.1 12.1#



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



#31

Chrysene

Concen: 0.027 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.05 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

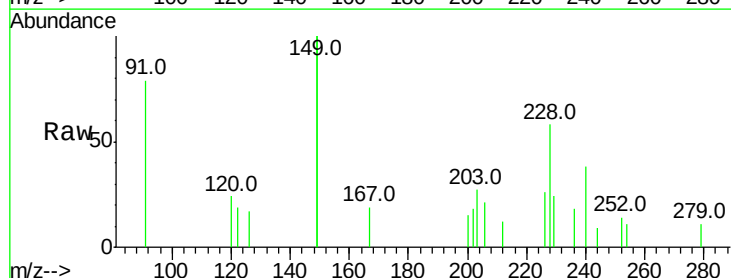
Tgt Ion:228 Resp: 1907

Ion Ratio Lower Upper

228 100

226 45.8 40.0 60.0

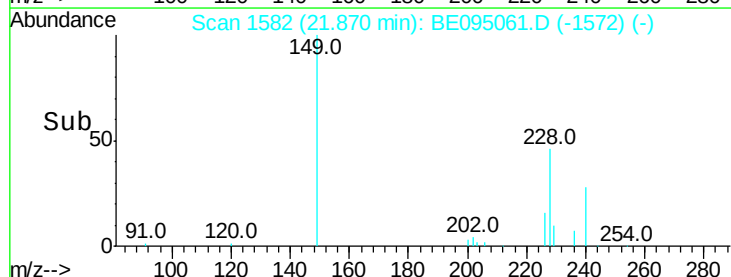
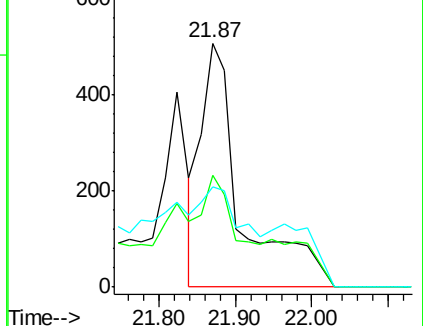
229 41.1 40.0 60.0

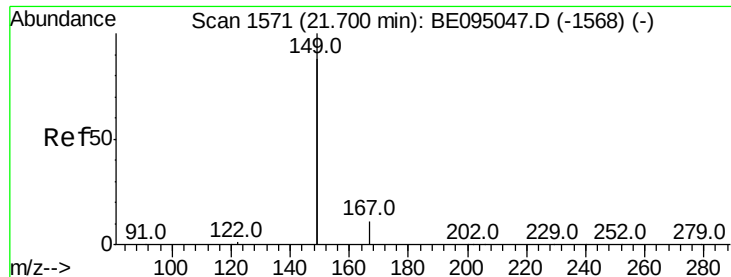


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.375 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

Instrument :

BNA_E

ClientSampleId :

C-MW-06-121917

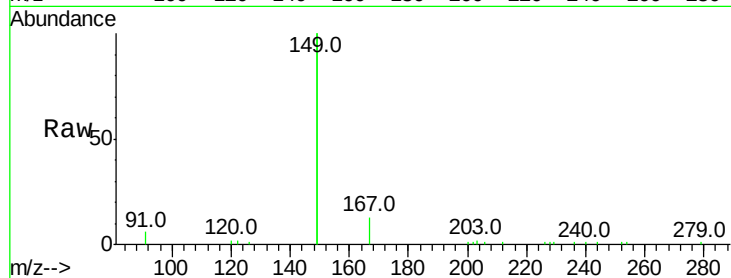
Tot Ion:149 Resp: 29977

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

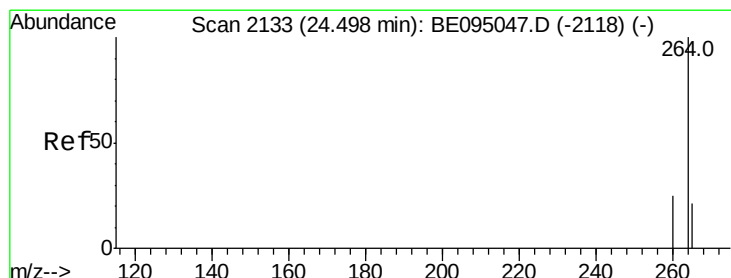
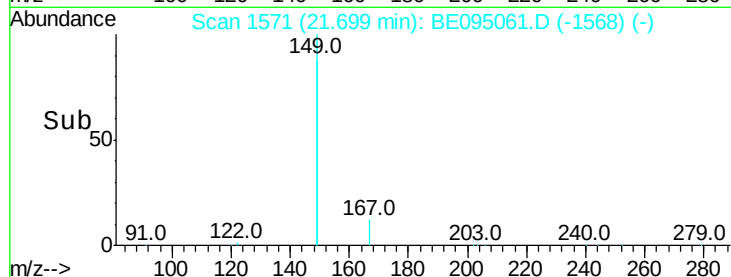
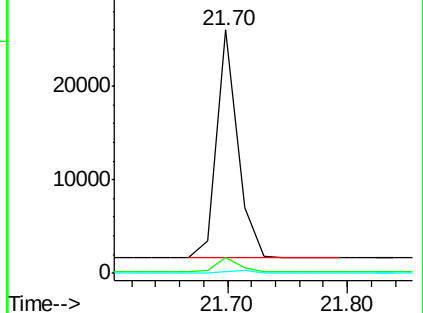
279 0.8 0.7 1.1



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

Perylene-d12

Concen: 0.400 ng

RT: 24.49 min Scan# 2132

Delta R.T. -0.06 min

Lab File: BE095061.D

Acq: 26 Dec 2017 18:11

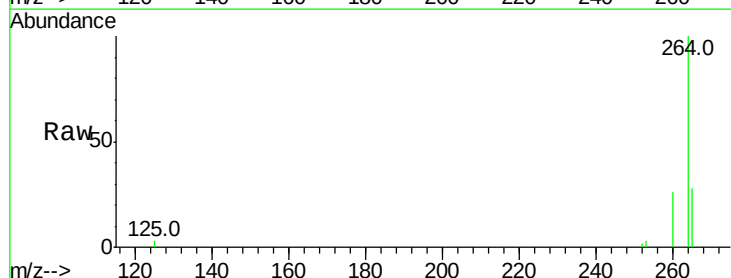
Tgt Ion:264 Resp: 19129

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 28.2 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

