

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122617\
 Data File : BE095060.D
 Acq On : 26 Dec 2017 17:35
 Operator : SJ/JU
 Sample : I7004-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-9-121917

Quant Time: Dec 27 01:06:51 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

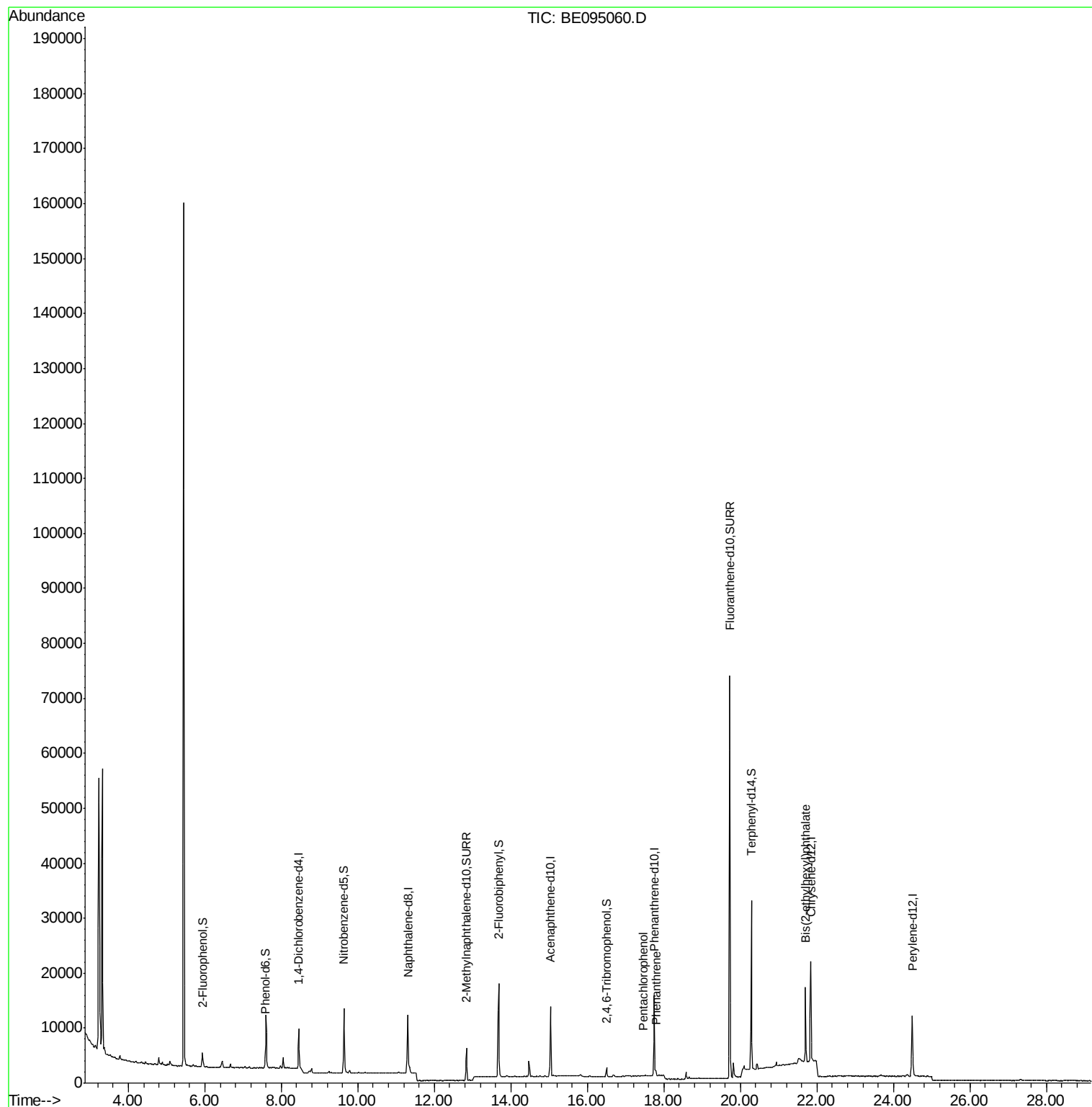
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6082	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	14191	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	8312	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	19299	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19353	0.40	ng	-0.03
34) Perylene-d12	24.49	264	17281	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1407	0.15	ng	-0.01
5) Phenol-d6	7.58	99	1388	0.10	ng	-0.01
8) Nitrobenzene-d5	9.63	82	5029	0.43	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	8247	0.35	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	975	0.50	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	17148	0.47	ng	-0.01
25) Fluoranthene-d10	19.72	212	93581	0.37	ng	-0.03
29) Terphenyl-d14	20.28	244	28063	0.77	ng	-0.03
Target Compounds						
22) Pentachlorophenol	17.46	266	5	0.081	ng	96
23) Phenanthrene	17.79	178	1341	0.022	ng	99
32) Bis(2-ethylhexyl)phthalate	21.70	149	15269	0.212	ng	100

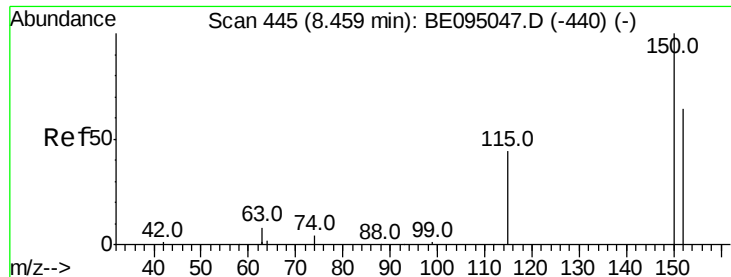
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Dec 27 01:06:51 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: BE095060.D

Acq: 26 Dec 2017 17:35

Instrument :

BNA_E

ClientSampleId :

C-MW-9-121917

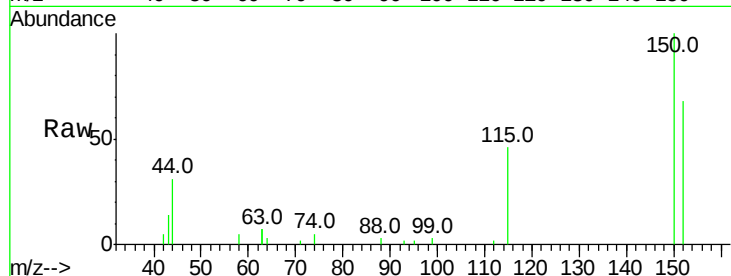
Tot Ion:152 Resp: 6082

Ion Ratio Lower Upper

152 100

150 147.6 117.2 175.8

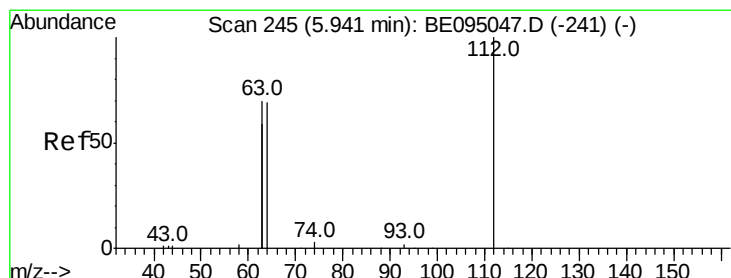
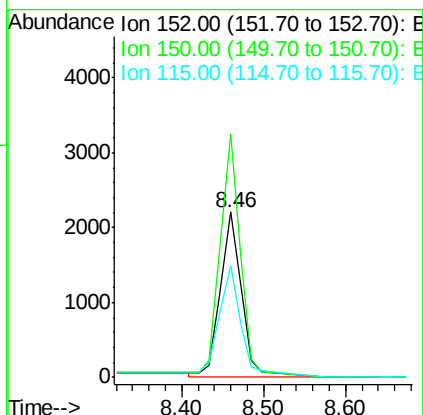
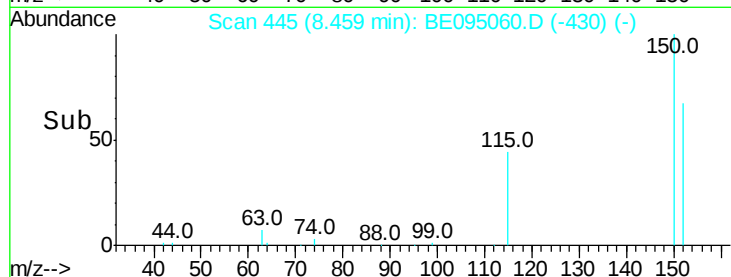
115 67.8 57.0 85.6



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: 0.149 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

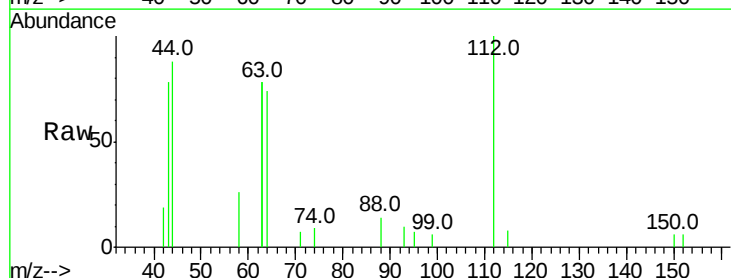
Tgt Ion:112 Resp: 1407

Ion Ratio Lower Upper

112 100

64 73.8 60.1 90.1

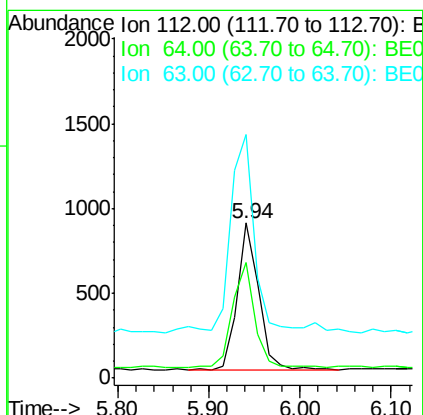
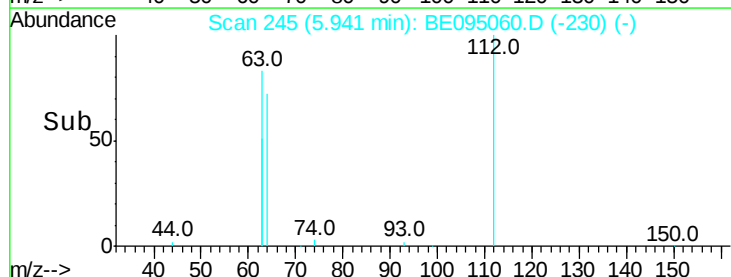
63 152.5 116.8 175.2

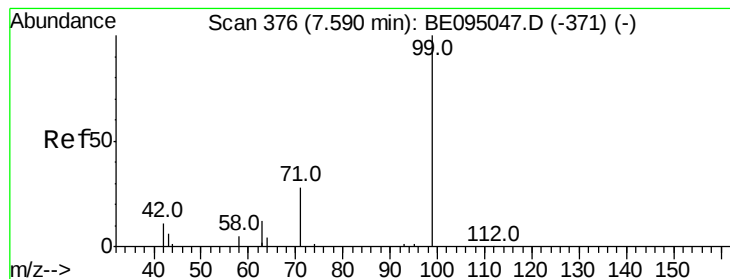


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.099 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

Instrument :

BNA_E

ClientSampleId :

C-MW-9-121917

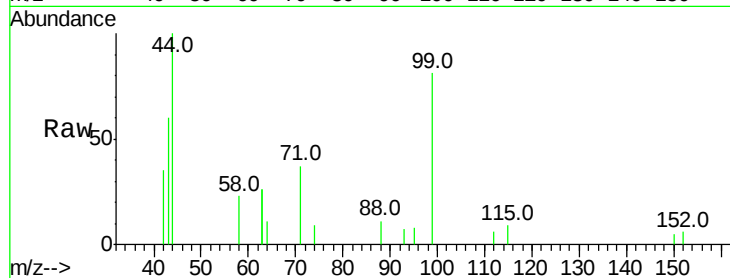
Tot Ion: 99 Resp: 1388

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

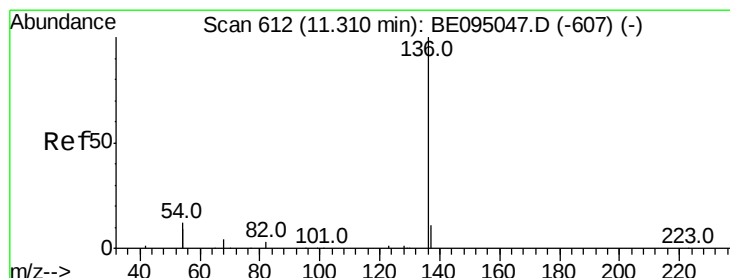
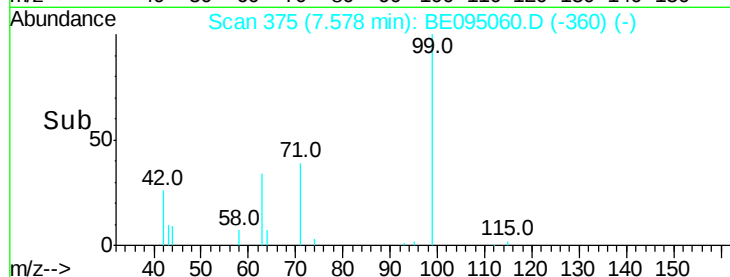
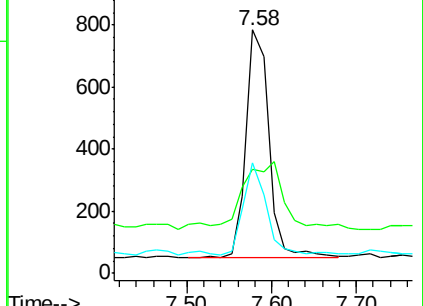
71 42.4 28.4 42.6



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: BE095060.D

Acq: 26 Dec 2017 17:35

Tgt Ion: 136 Resp: 14191

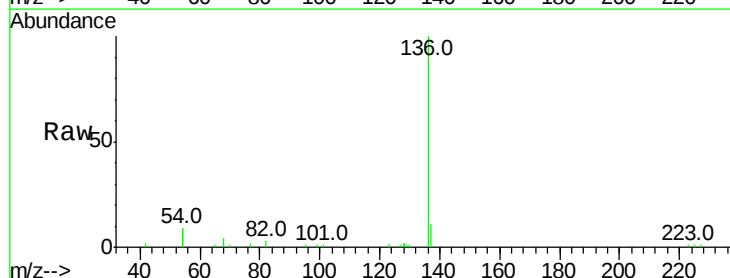
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 18.7 29.1 43.7#

68 4.1 6.2 9.2#

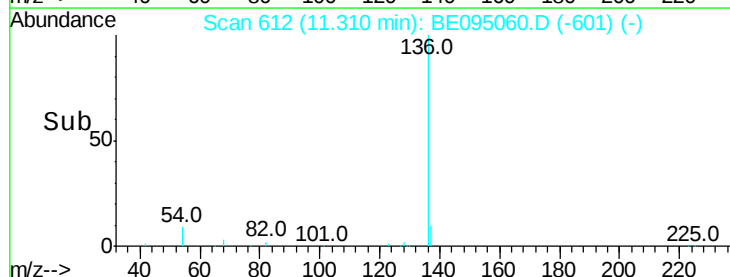
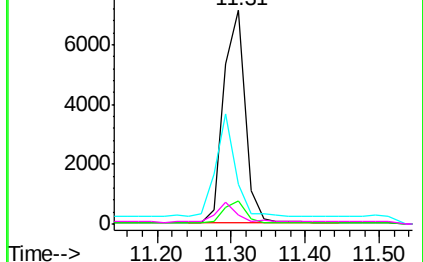


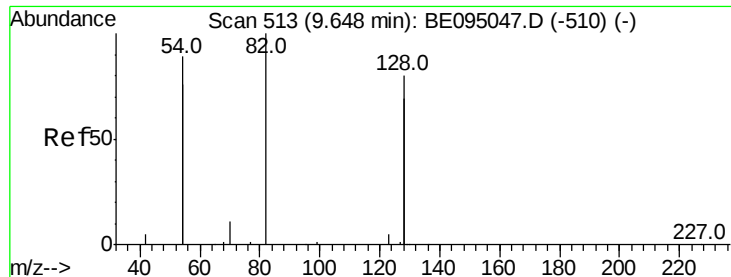
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.432 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

Instrument :

BNA_E

ClientSampleId :

C-MW-9-121917

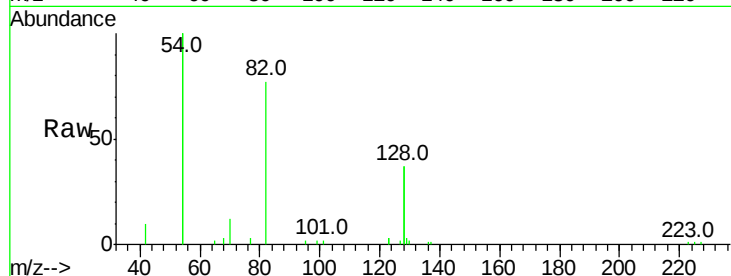
Tot Ion: 82 Resp: 5029

Ion Ratio Lower Upper

82 100

128 95.7 150.0 225.0#

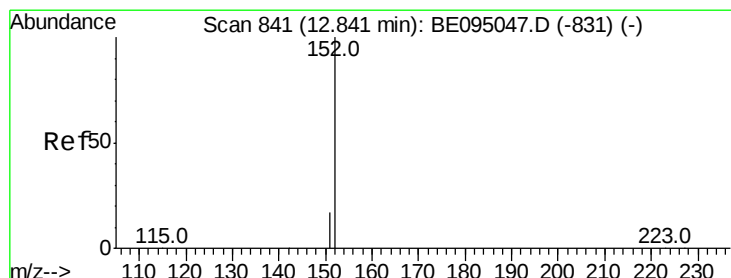
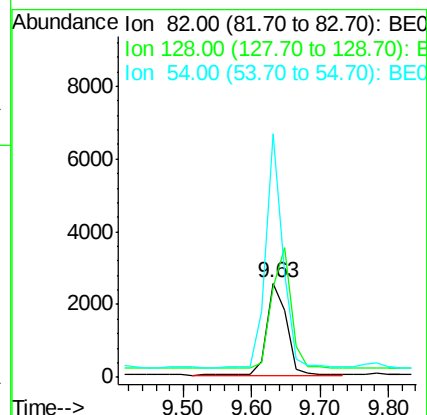
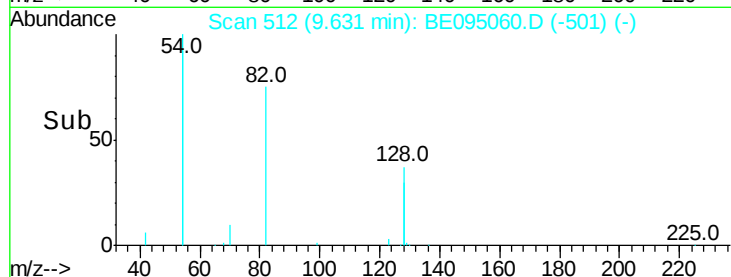
54 258.6 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095060.D

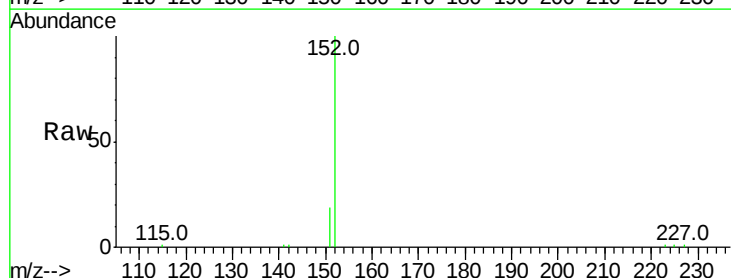
Acq: 26 Dec 2017 17:35

Tgt Ion: 152 Resp: 8247

Ion Ratio Lower Upper

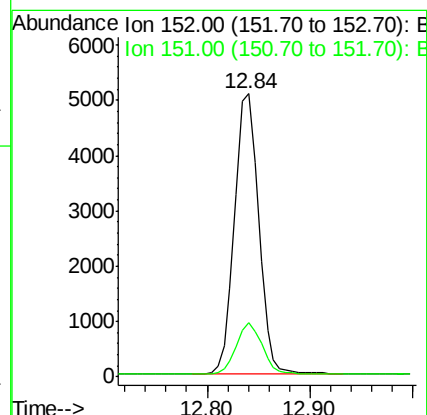
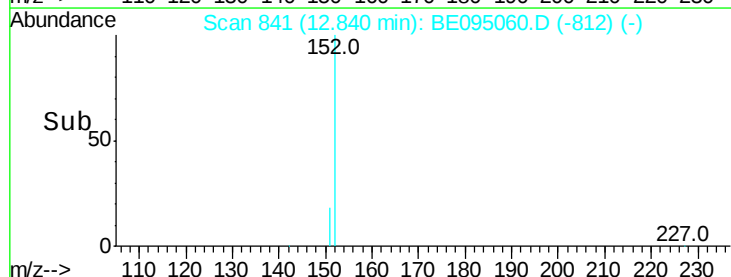
152 100

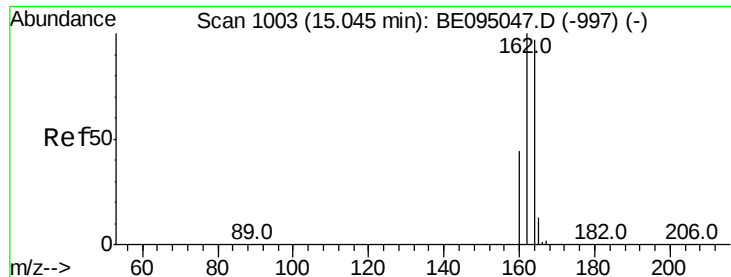
151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

Instrument :

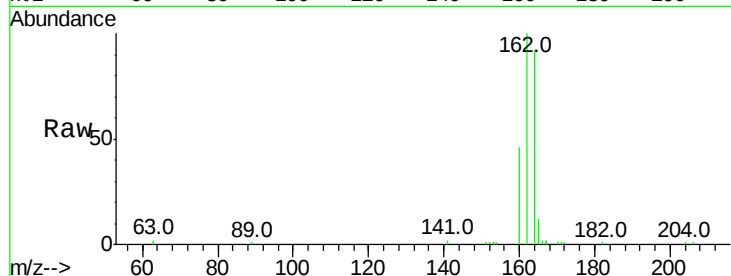
BNA_E

ClientSampleId :

C-MW-9-121917

Tot Ion:164 Resp: 8312

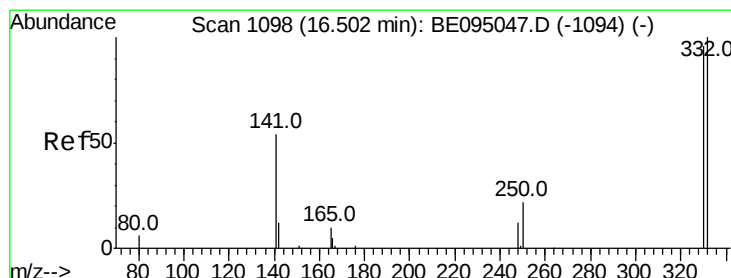
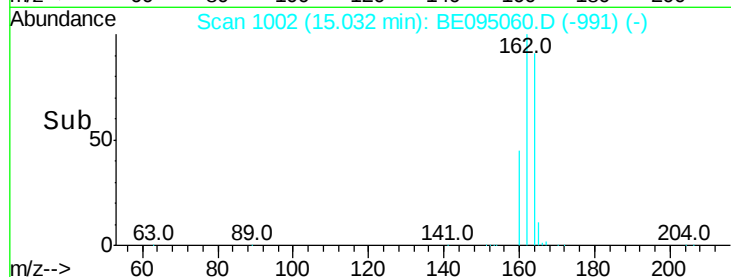
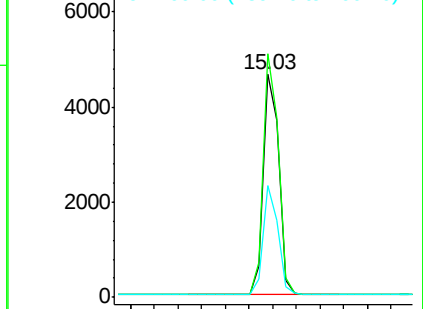
Ion	Ratio	Lower	Upper
164	100		
162	109.2	83.1	124.7
160	49.8	37.1	55.7



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: 0.505 ng

RT: 16.50 min Scan# 1098

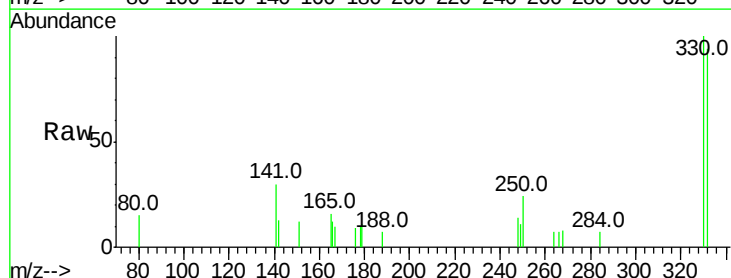
Delta R.T. -0.03 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

Tgt Ion:330 Resp: 975

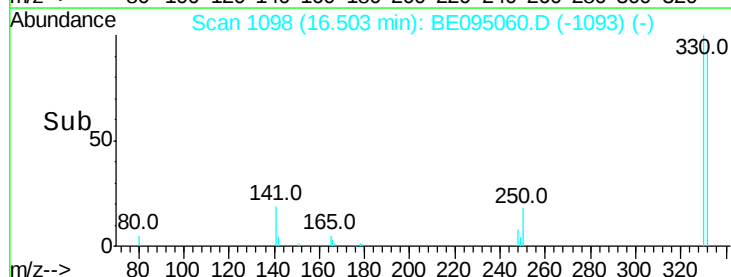
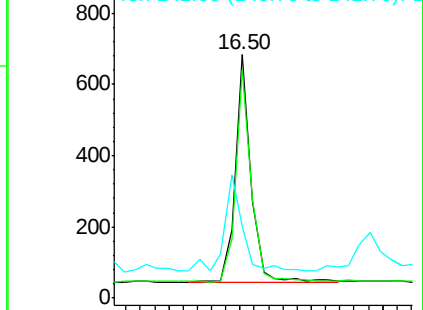
Ion	Ratio	Lower	Upper
330	100		
332	93.6	152.7	229.1#
141	47.0	33.7	50.5

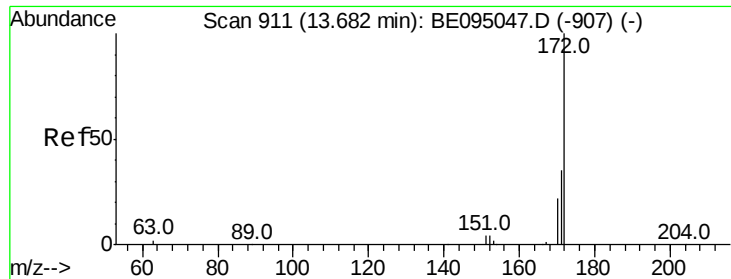


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

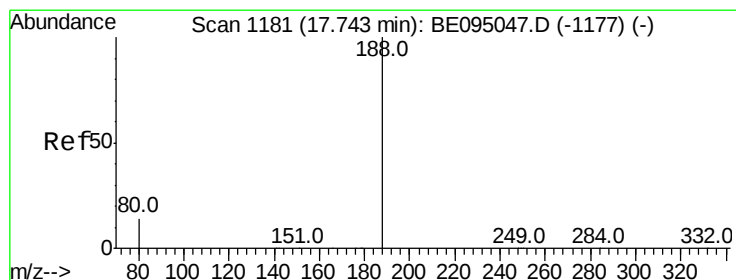
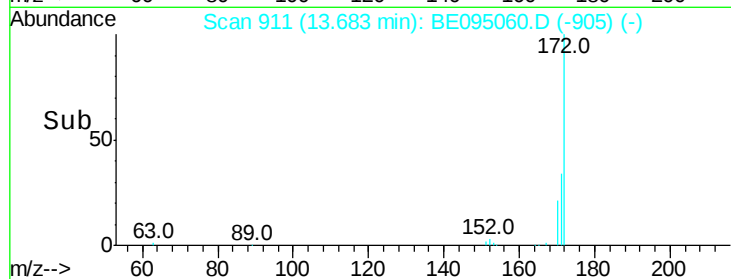
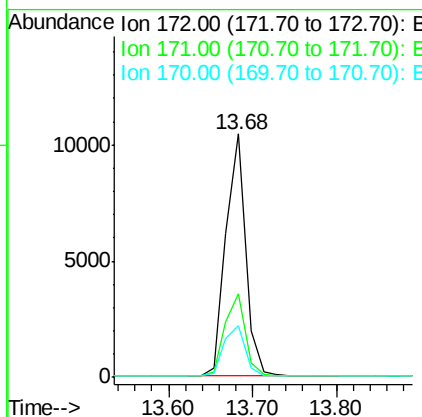
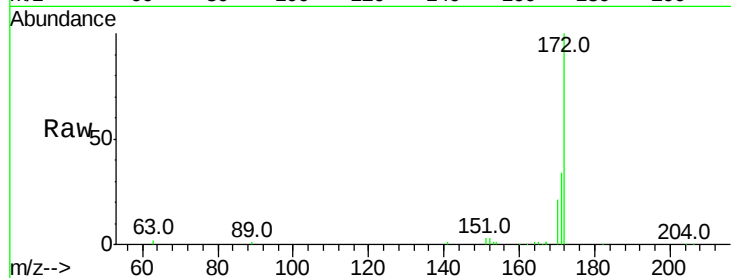




#15
2-Fluorobiphenyl
Concen: 0.466 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE095060.D
Acq: 26 Dec 2017 17:35

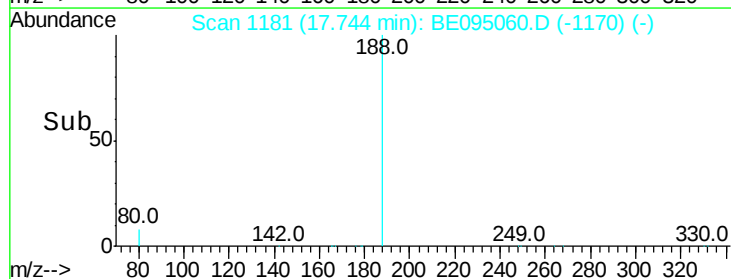
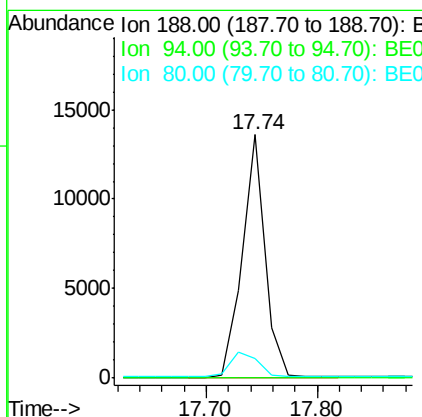
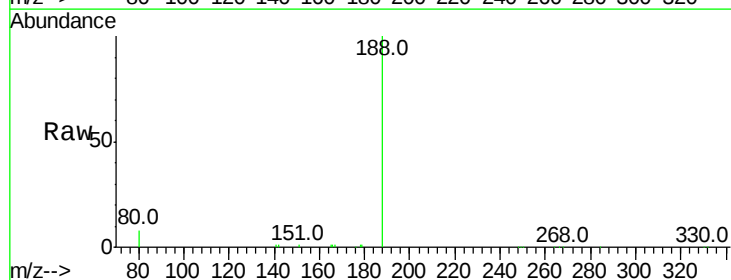
Instrument :
BNA_E
ClientSampleId :
C-MW-9-121917

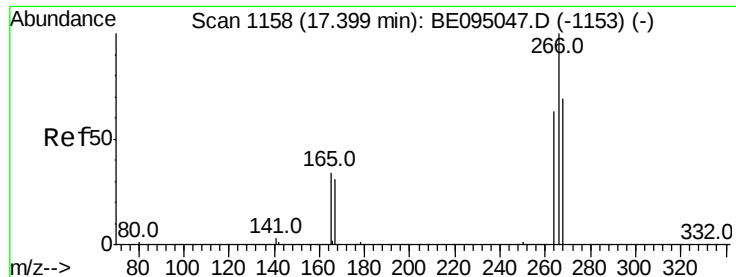
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	21.0	21.8	32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095060.D
Acq: 26 Dec 2017 17:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.3	3.6	5.4#





#22

Pentachlorophenol

Concen: 0.081 ng

RT: 17.46 min Scan# 1162

Delta R.T. 0.04 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

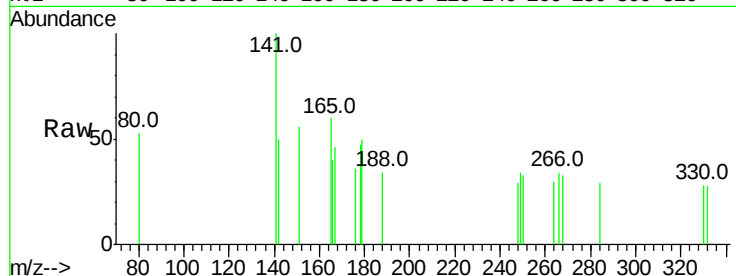
Instrument :

BNA_E

ClientSampleId :

C-MW-9-121917

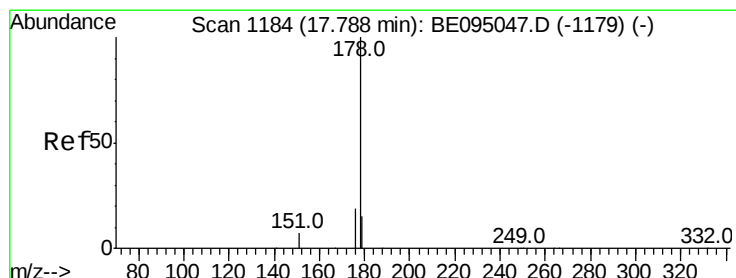
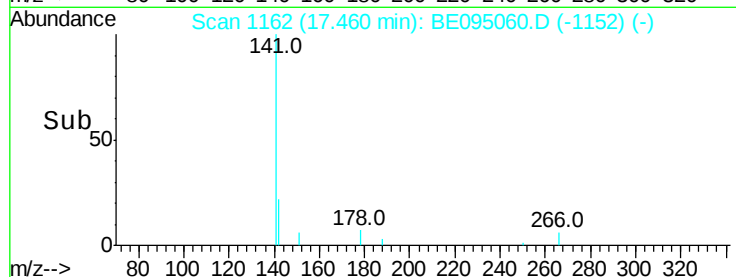
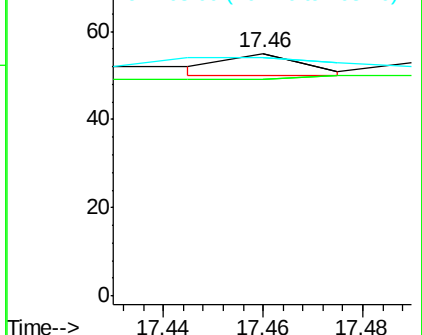
Tot Ion:266	Resp: 5
Ion Ratio	Lower Upper
266 100	
264 89.1	72.5 108.7
268 98.2	73.8 110.6



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: 0.022 ng

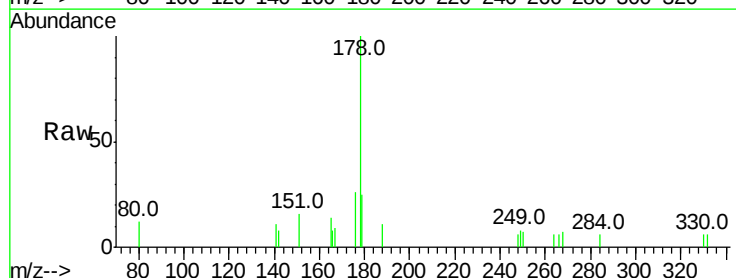
RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

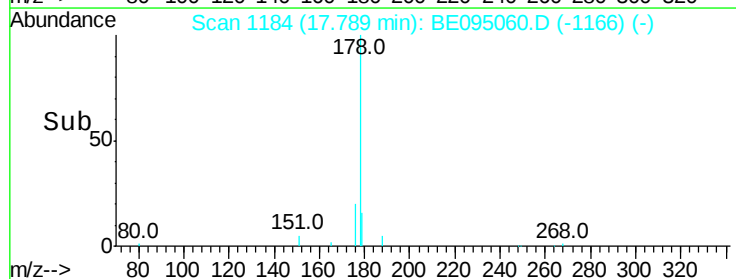
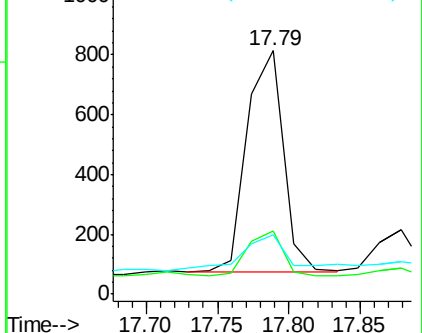
Tgt	Ion:178	Resp:	1341
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.1	11.8	17.6

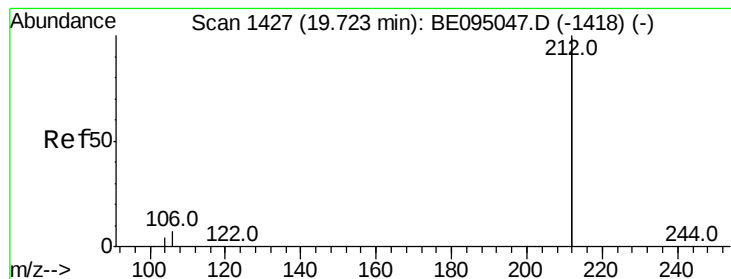


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

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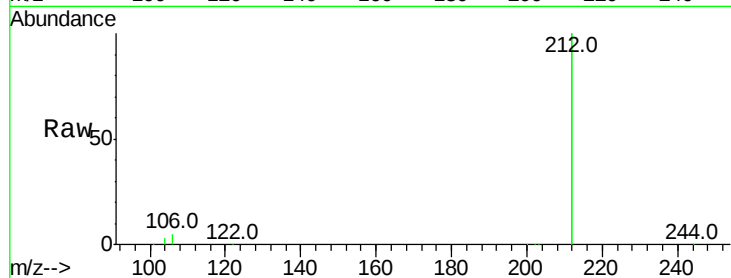
Tot Ion:212 Resp: 93581

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

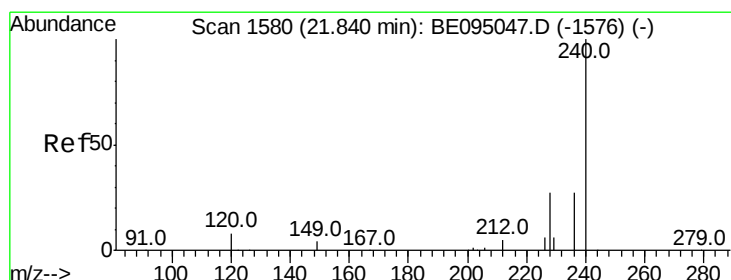
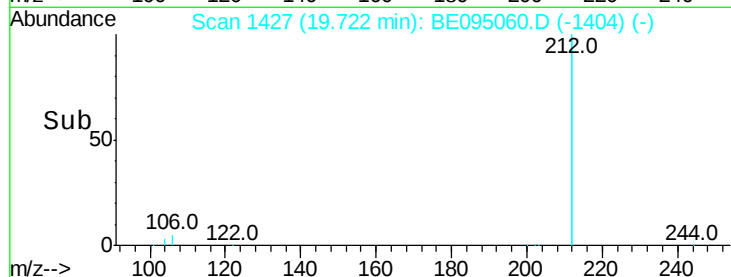
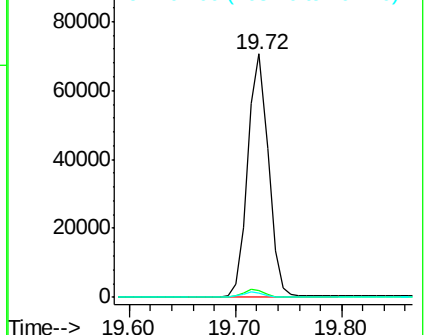
104 1.9 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

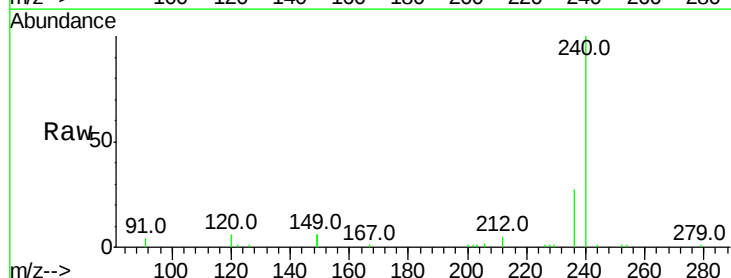
Tgt Ion:240 Resp: 19353

Ion Ratio Lower Upper

240 100

120 5.9 5.5 8.3

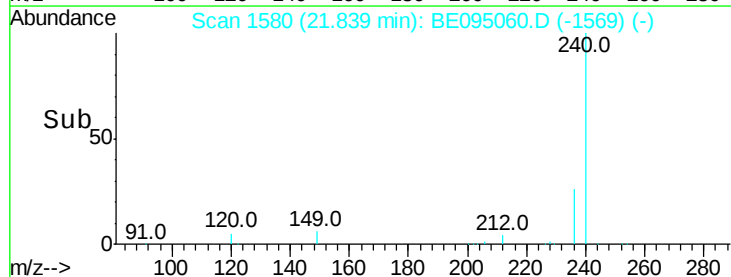
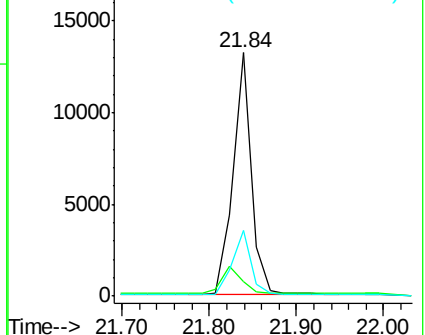
236 26.9 20.7 31.1

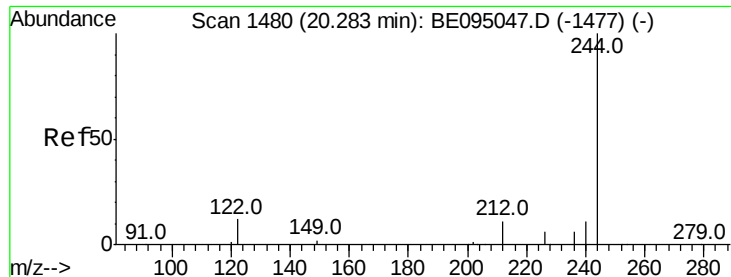


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.770 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

Instrument :

BNA_E

ClientSampleId :

C-MW-9-121917

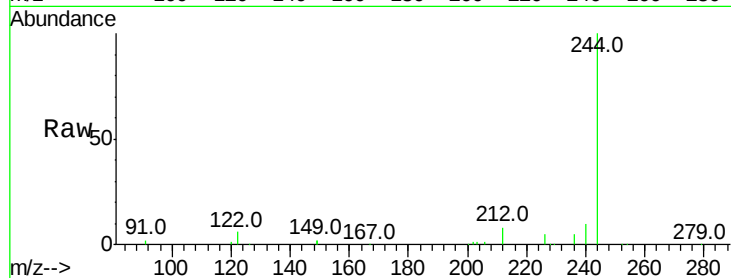
Tot Ion:244 Resp: 28063

Ion Ratio Lower Upper

244 100

212 8.2 25.4 38.0#

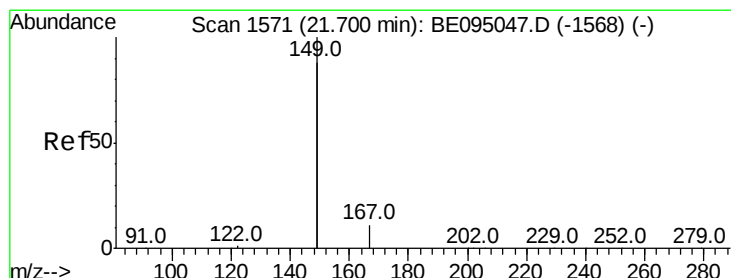
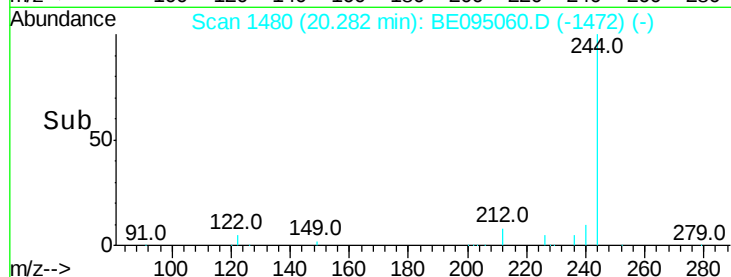
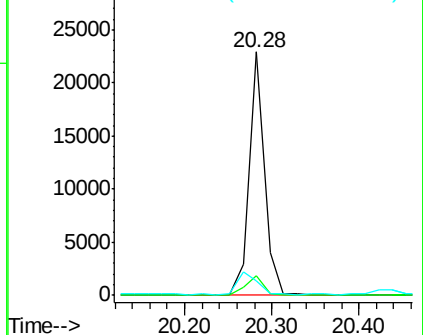
122 5.8 8.1 12.1#



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: 0.212 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

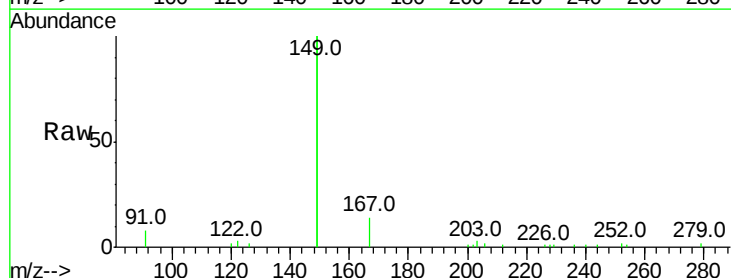
Tgt Ion:149 Resp: 15269

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

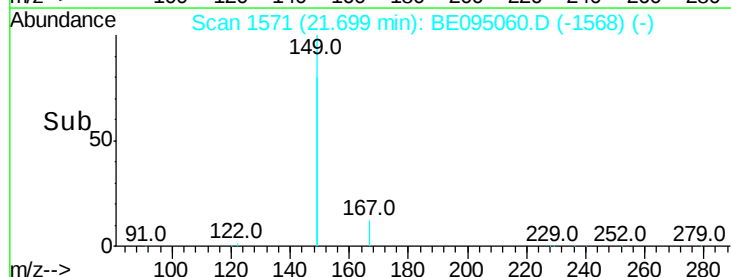
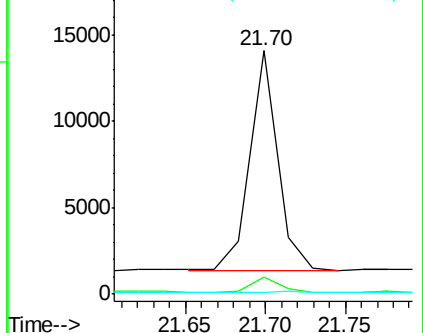
279 0.8 0.7 1.1

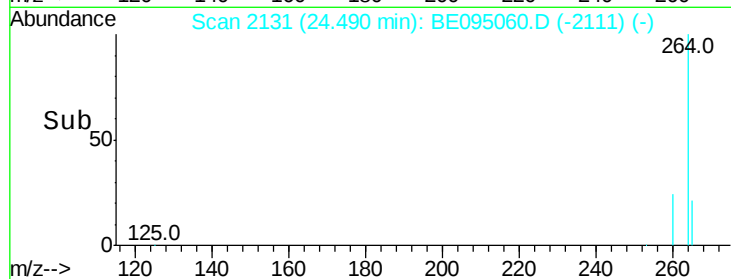
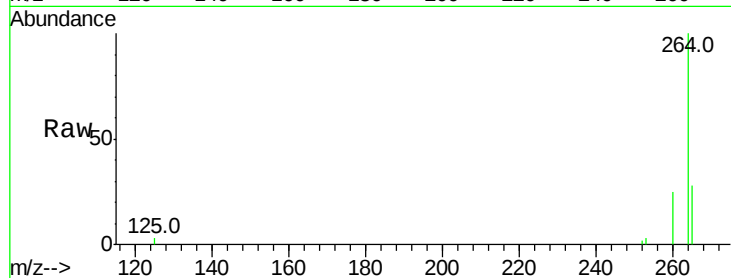
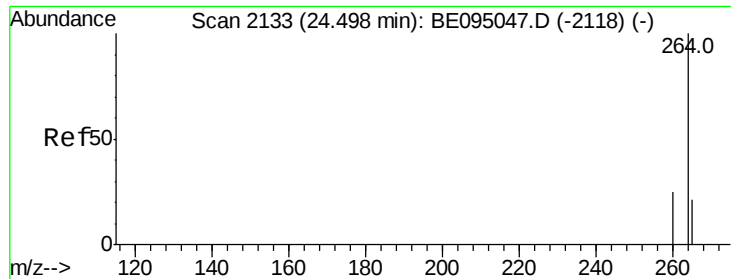


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.49 min Scan# 2131

Delta R.T. -0.06 min

Lab File: BE095060.D

Acq: 26 Dec 2017 17:35

Instrument :

BNA_E

ClientSampleId :

C-MW-9-121917

Tot Ion:264 Resp: 17281

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

265 27.9 22.8 34.2

