

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122617\
 Data File : BE095062.D
 Acq On : 26 Dec 2017 18:47
 Operator : SJ/JU
 Sample : I7004-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-121917

Quant Time: Dec 27 01:07:22 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

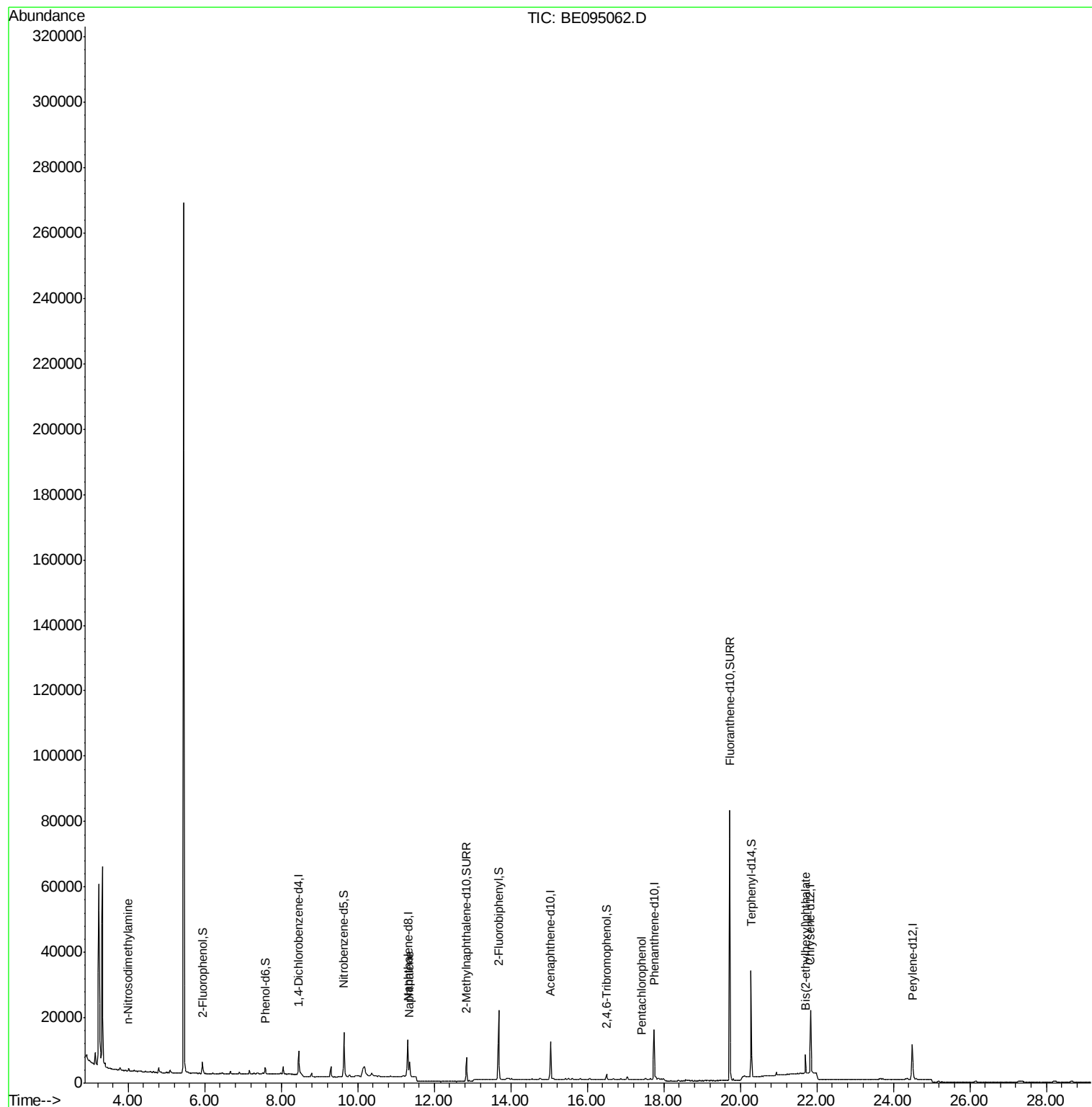
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6144	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	14343	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	8141	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	19779	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19705	0.40	ng	-0.03
34) Perylene-d12	24.49	264	17518	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1780	0.19	ng	-0.01
5) Phenol-d6	7.58	99	1604	0.11	ng	-0.01
8) Nitrobenzene-d5	9.63	82	5892	0.50	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	9627	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	1016	0.54	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	19259	0.53	ng	-0.02
25) Fluoranthene-d10	19.72	212	107838	0.42	ng	-0.03
29) Terphenyl-d14	20.28	244	29785	0.80	ng	-0.03
Target Compounds						
3) n-Nitrosodimethylamine	4.00	42	144	0.020	ng	# 11
9) Naphthalene	11.34	128	8712	0.052	ng	# 98
22) Pentachlorophenol	17.41	266	8	0.082	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.70	149	6972	0.095	ng	# 99

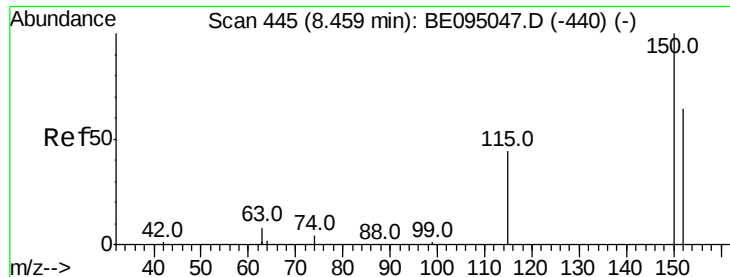
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
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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: BE095062.D

Acq: 26 Dec 2017 18:47

Instrument :

BNA_E

ClientSampleId :

FB-121917

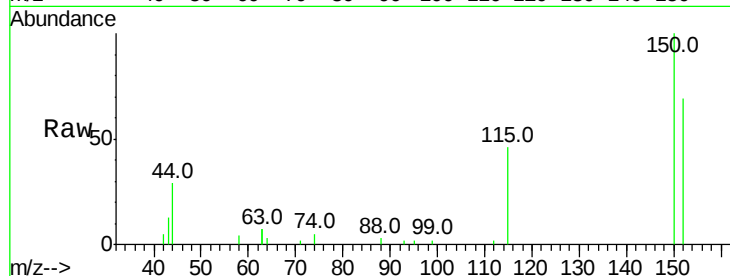
Tot Ion:152 Resp: 6144

Ion Ratio Lower Upper

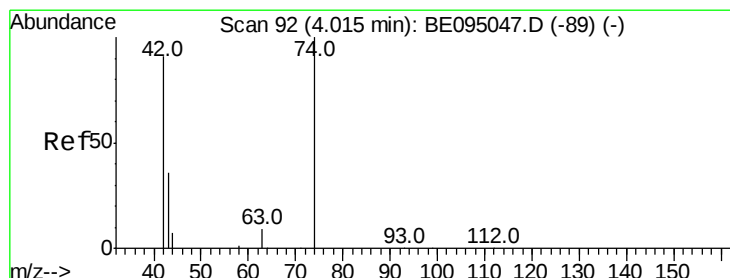
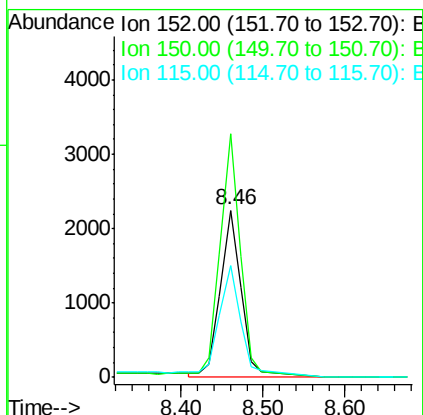
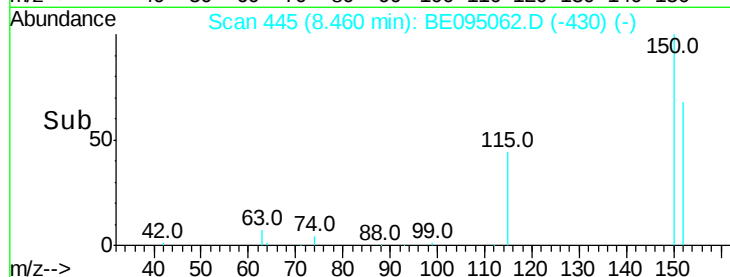
152 100

150 145.8 117.2 175.8

115 66.7 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: 0.020 ng

RT: 4.00 min Scan# 91

Delta R.T. -0.01 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

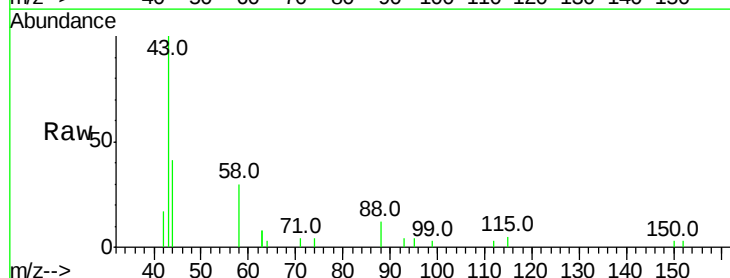
Tgt Ion: 42 Resp: 144

Ion Ratio Lower Upper

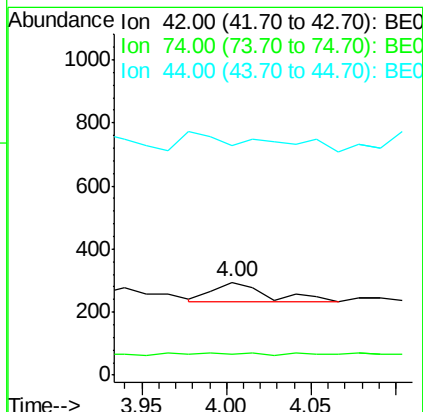
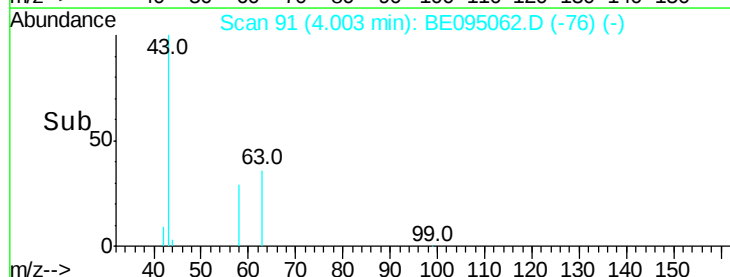
42 100

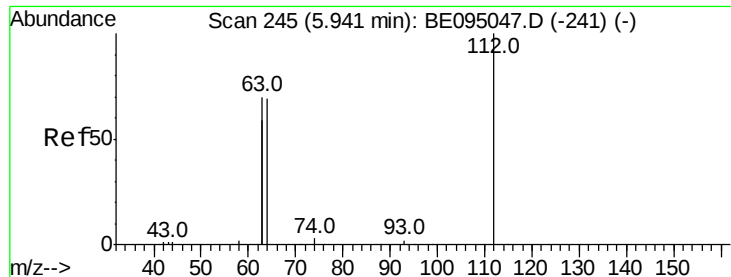
74 13.9 96.0 144.0#

44 0.0 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: 0.187 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

Instrument :

BNA_E

ClientSampleId :

FB-121917

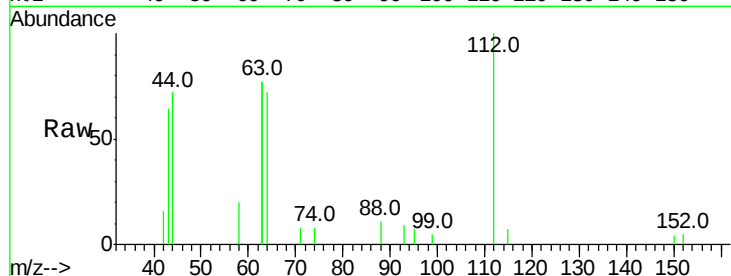
Tot Ion:112 Resp: 1780

Ion Ratio Lower Upper

112 100

64 70.3 60.1 90.1

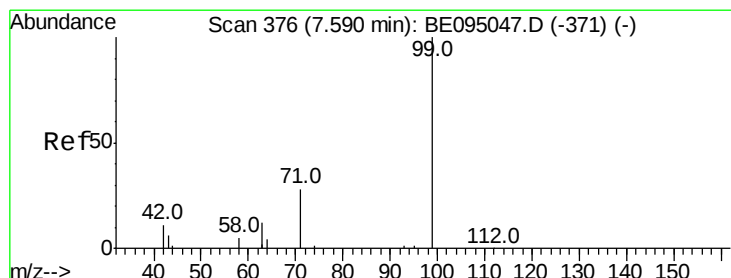
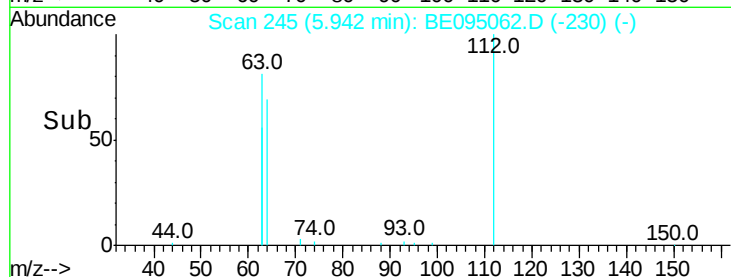
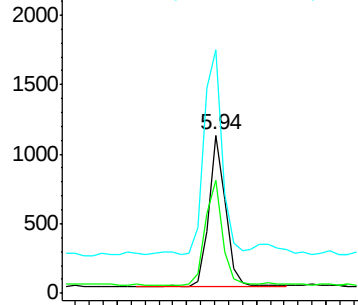
63 146.3 116.8 175.2



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



#5

Phenol-d6

Concen: 0.113 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

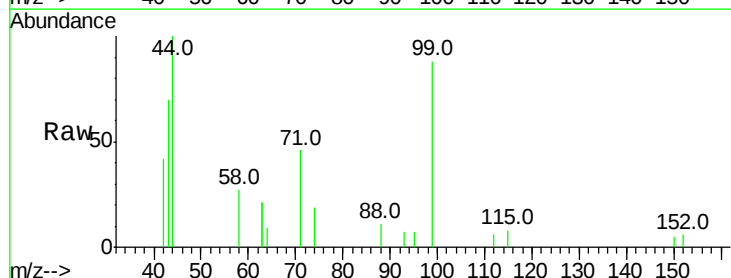
Tgt Ion: 99 Resp: 1604

Ion Ratio Lower Upper

99 100

42 27.4 20.2 30.2

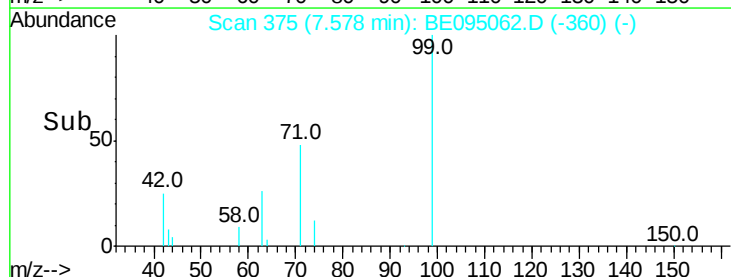
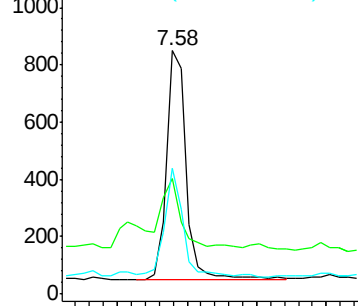
71 44.2 28.4 42.6#

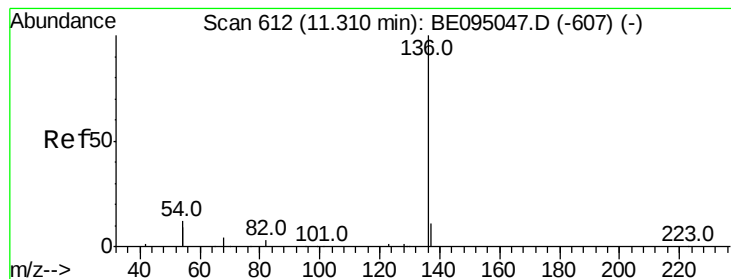


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

Instrument :

BNA_E

ClientSampleId :

FB-121917

Tot Ion:136 Resp: 14343

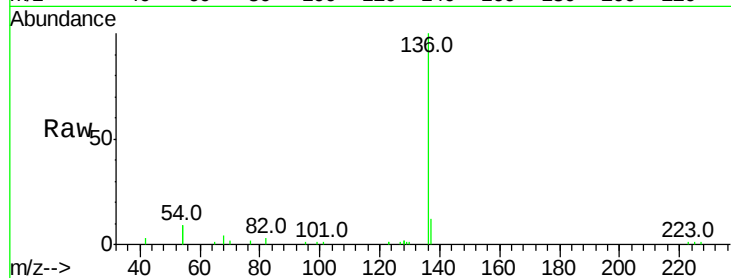
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 18.3 29.1 43.7#

68 4.2 6.2 9.2#

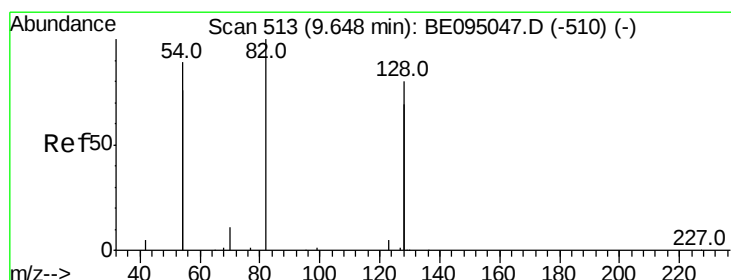
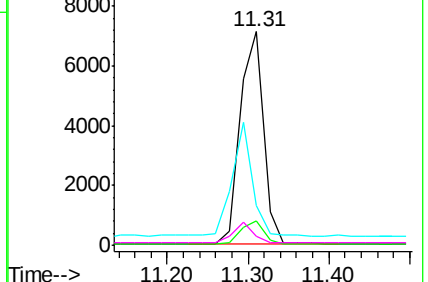
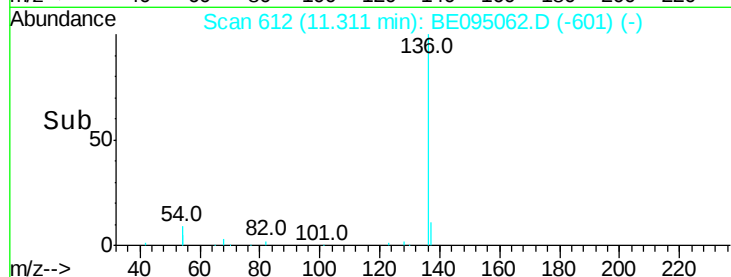


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.501 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

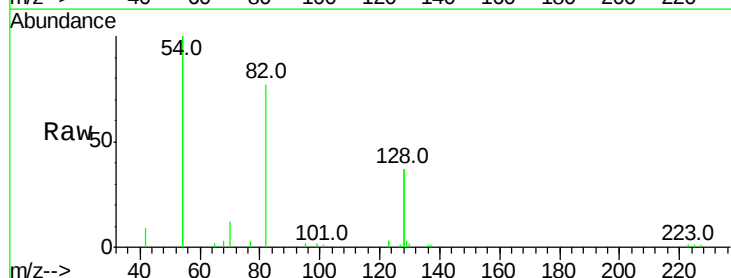
Tgt Ion: 82 Resp: 5892

Ion Ratio Lower Upper

82 100

128 94.7 150.0 225.0#

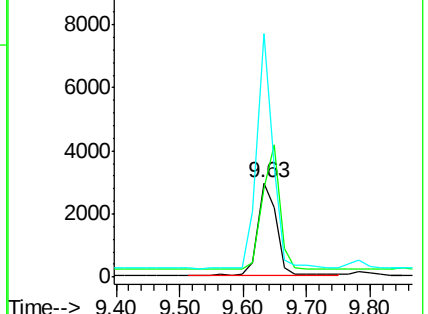
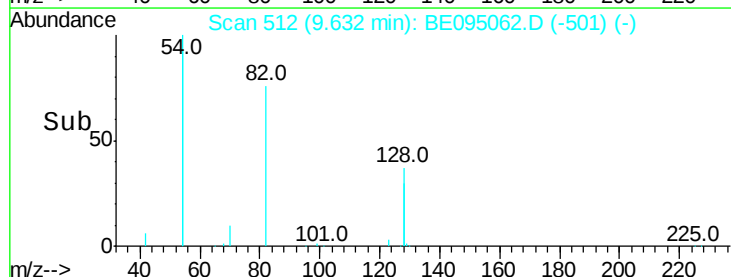
54 258.3 154.2 231.4#

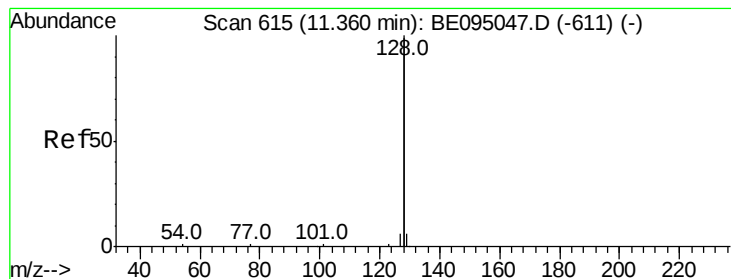


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.052 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.03 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

Instrument :

BNA_E

ClientSampleId :

FB-121917

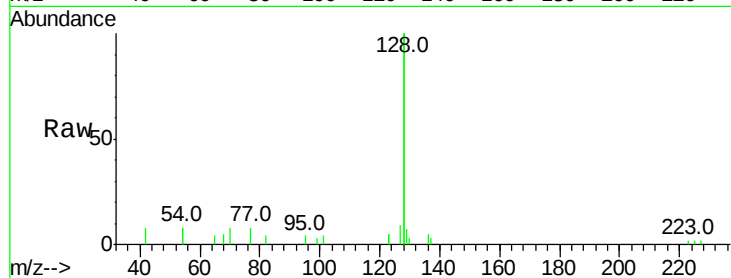
Tot Ion:128 Resp: 8712

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

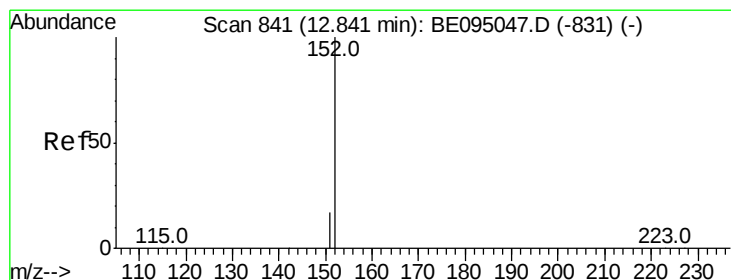
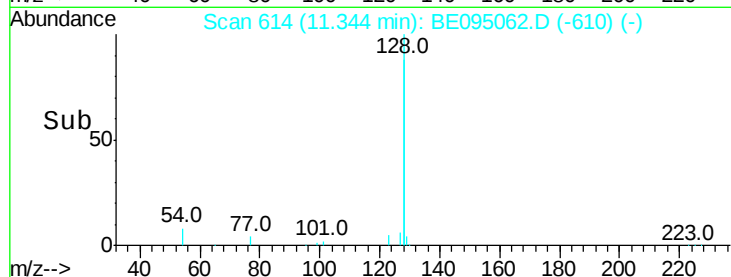
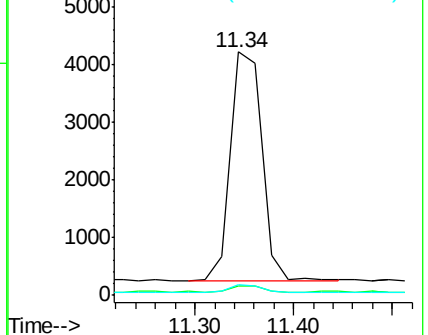
127 4.5 2.8 4.2#



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: 0.410 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095062.D

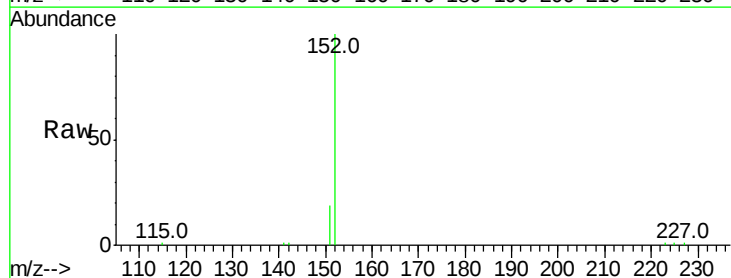
Acq: 26 Dec 2017 18:47

Tgt Ion:152 Resp: 9627

Ion Ratio Lower Upper

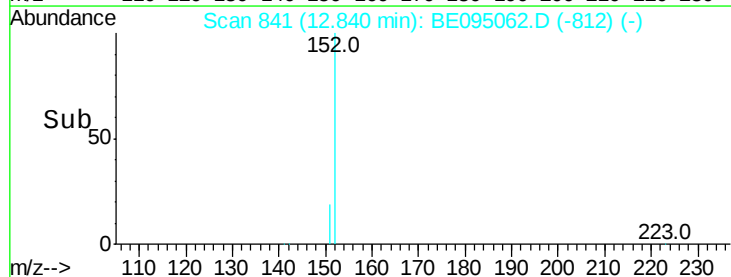
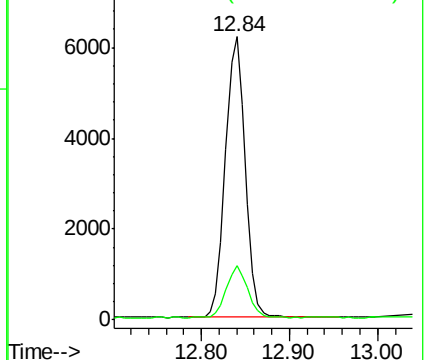
152 100

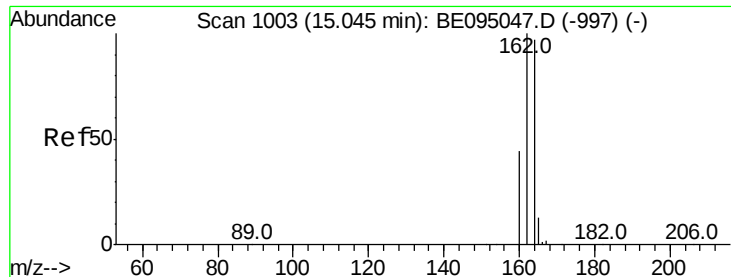
151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

Instrument :

BNA_E

ClientSampleId :

FB-121917

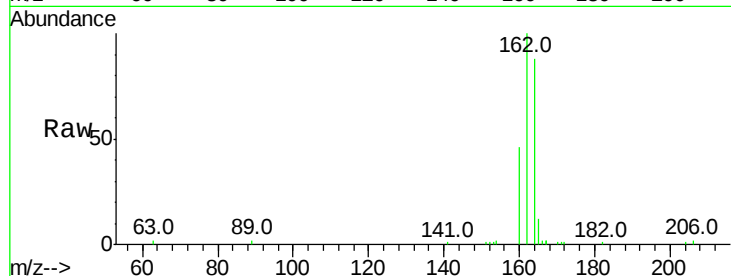
Tot Ion:164 Resp: 8141

Ion Ratio Lower Upper

164 100

162 113.1 83.1 124.7

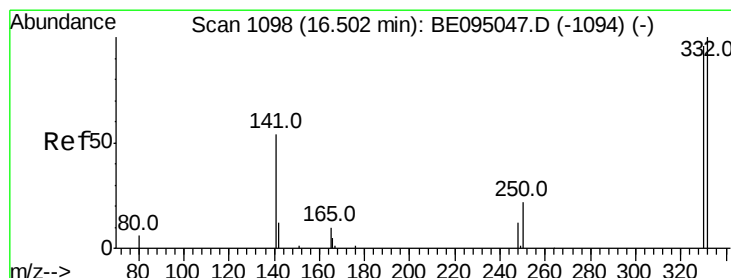
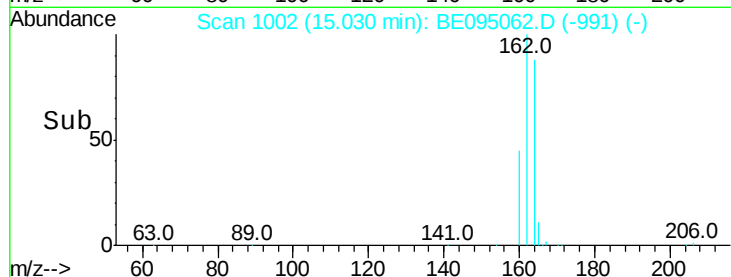
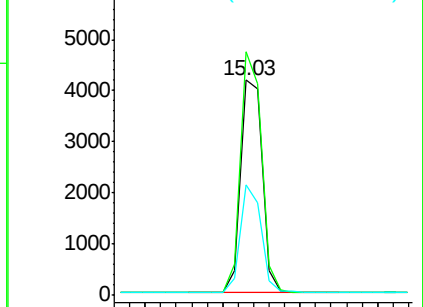
160 51.5 37.1 55.7



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: 0.537 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

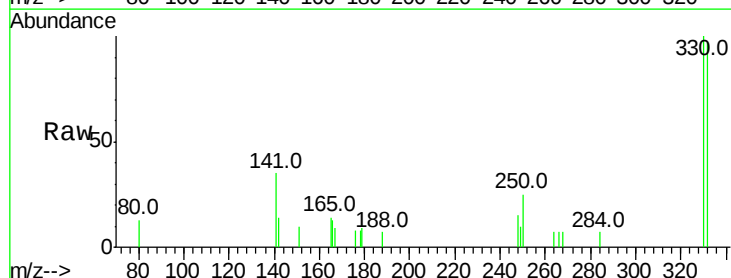
Tgt Ion:330 Resp: 1016

Ion Ratio Lower Upper

330 100

332 101.4 152.7 229.1#

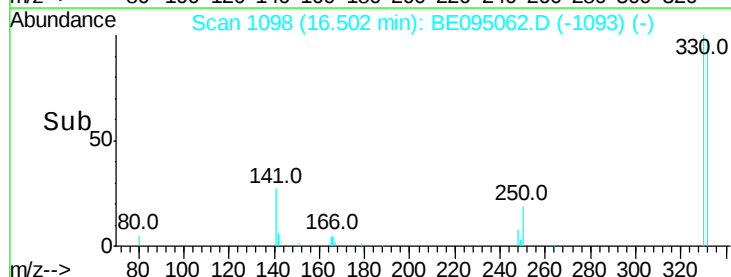
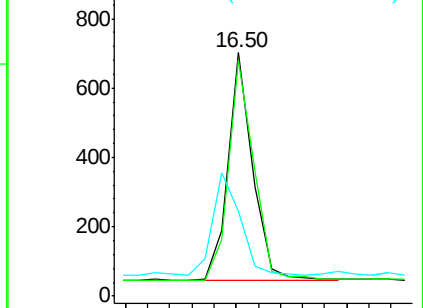
141 50.0 33.7 50.5

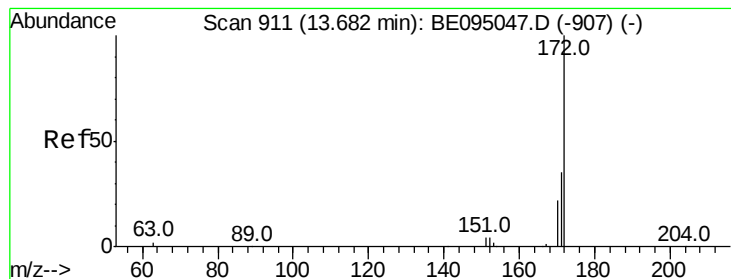


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

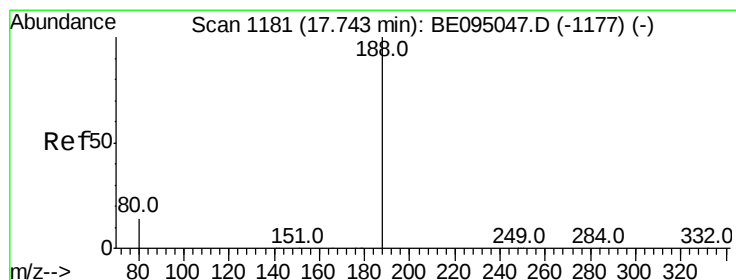
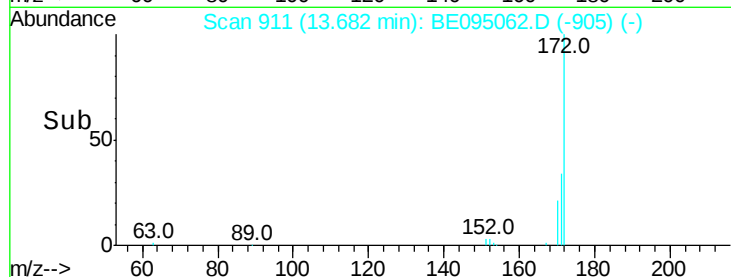
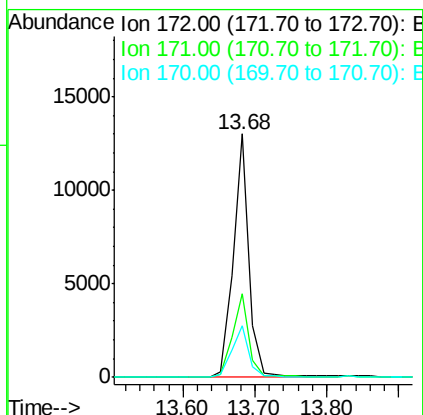
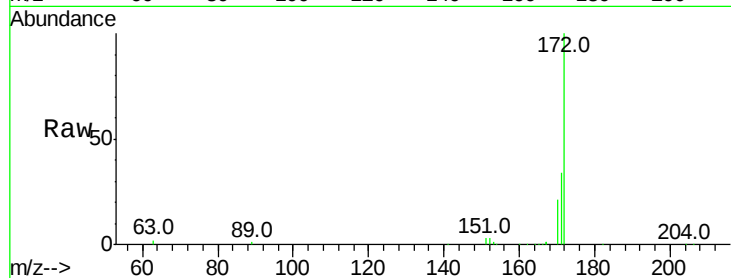




#15
2-Fluorobiphenyl
Concen: 0.534 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095062.D
Acq: 26 Dec 2017 18:47

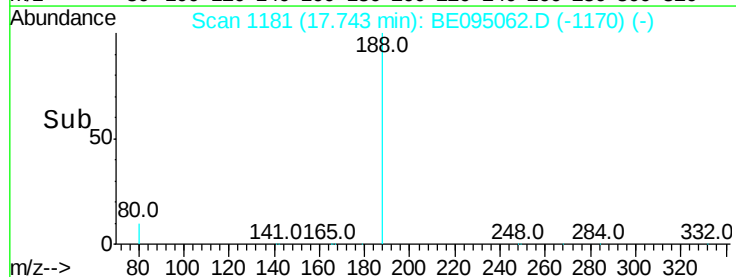
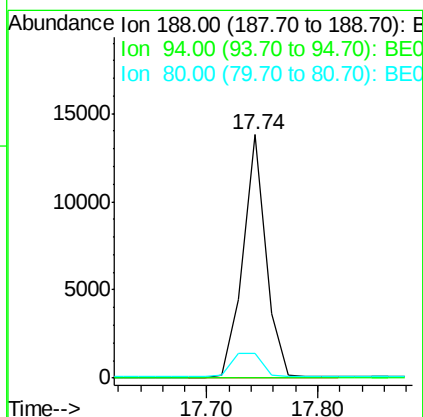
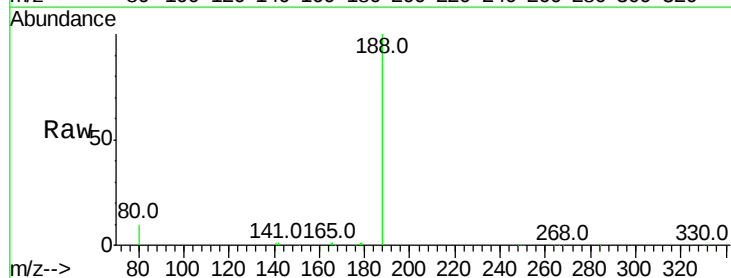
Instrument :
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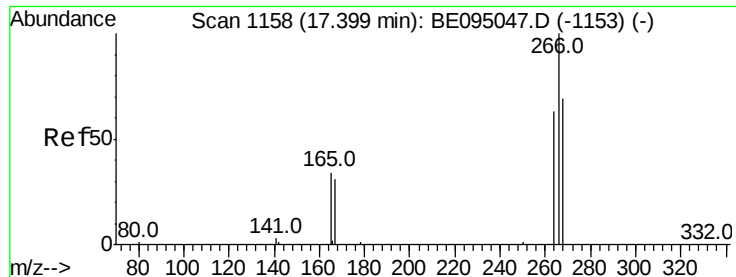
Tot Ion:172 Resp: 19259
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 21.1 21.8 32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095062.D
Acq: 26 Dec 2017 18:47

Tgt Ion:188 Resp: 19779
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.1 3.6 5.4#



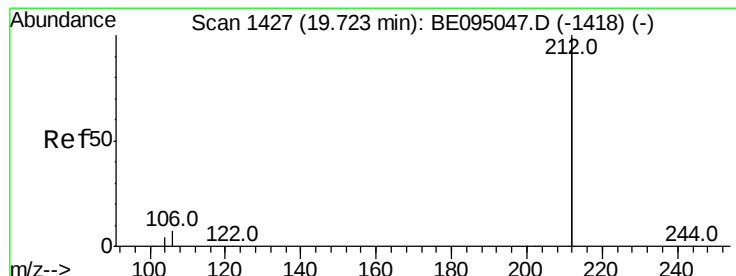
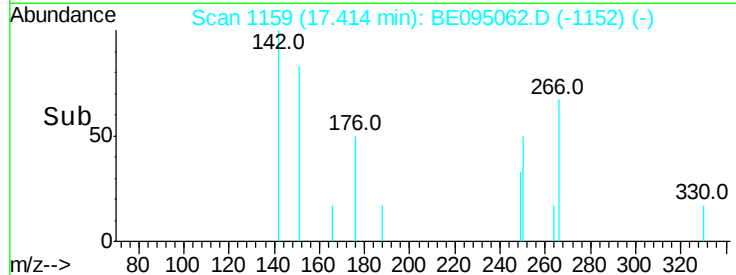
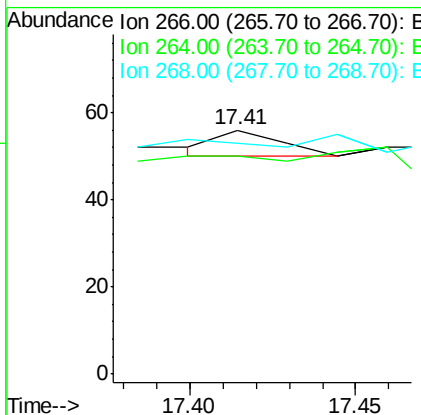
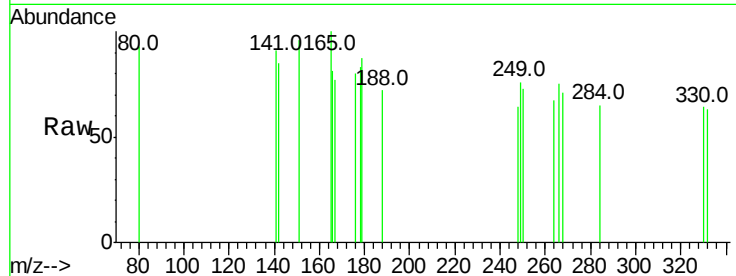


#22
 Pentachlorophenol
 Concen: 0.082 ng
 RT: 17.41 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BE095062.D
 Acq: 26 Dec 2017 18:47

Instrument :
 BNA_E
 ClientSampleId :
 FB-121917

Tot Ion:266 Resp: 8

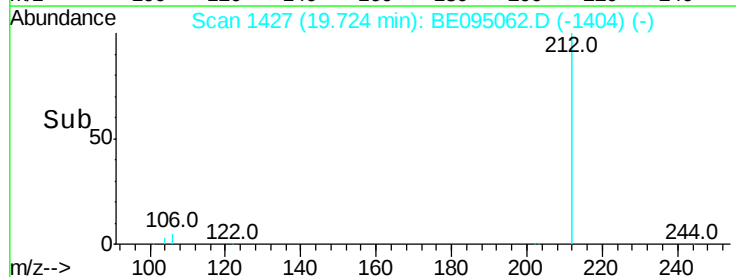
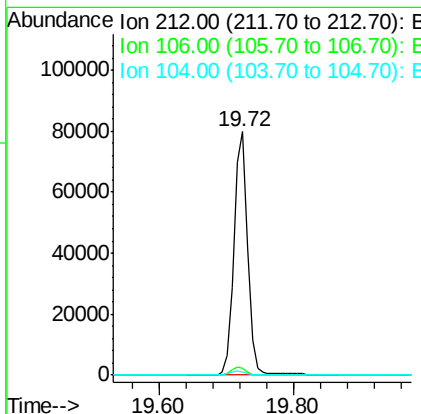
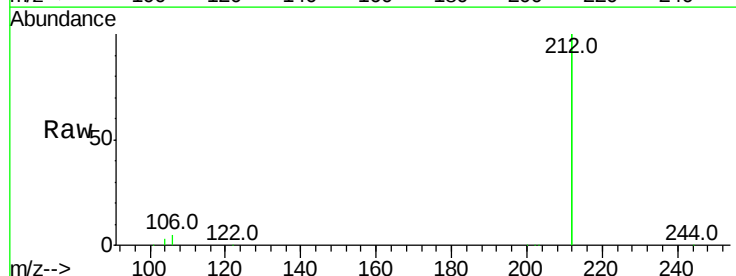
Ion	Ratio	Lower	Upper
266	100		
264	89.3	72.5	108.7
268	94.6	73.8	110.6

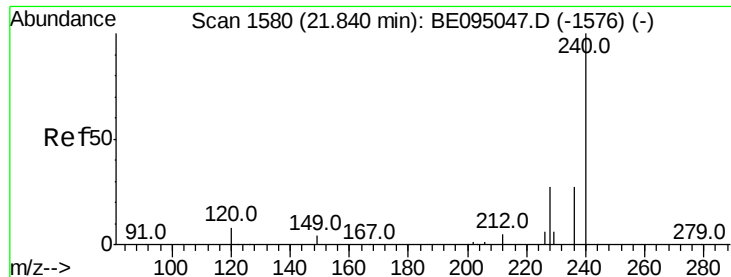


#25
 Fluoranthene-d10
 Concen: 0.420 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095062.D
 Acq: 26 Dec 2017 18:47

Tgt Ion:212 Resp: 107838

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

Instrument :

BNA_E

ClientSampleId :

FB-121917

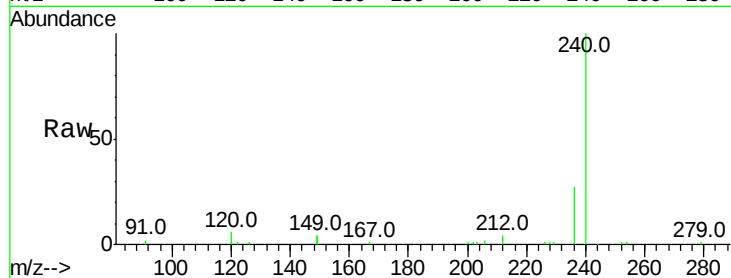
Tot Ion:240 Resp: 19705

Ion Ratio Lower Upper

240 100

120 6.1 5.5 8.3

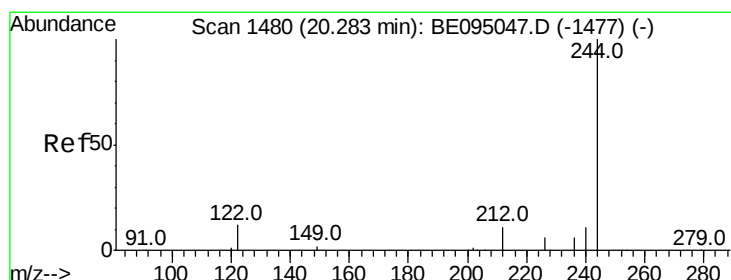
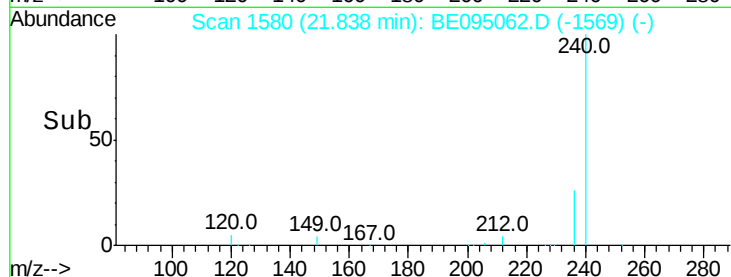
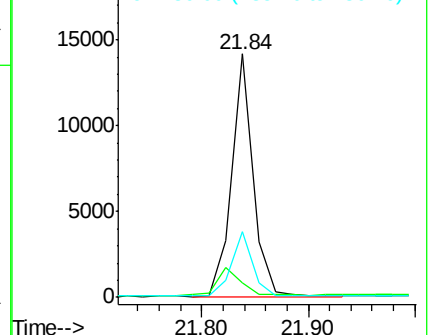
236 26.8 20.7 31.1



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: 0.803 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

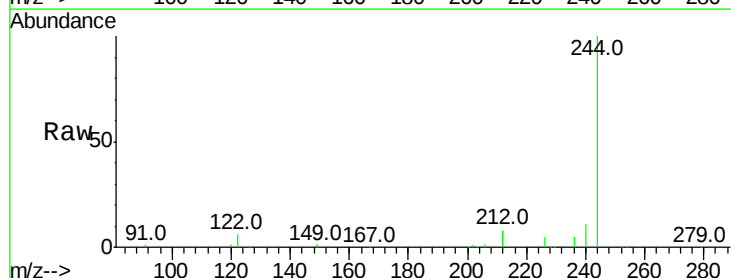
Tgt Ion:244 Resp: 29785

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

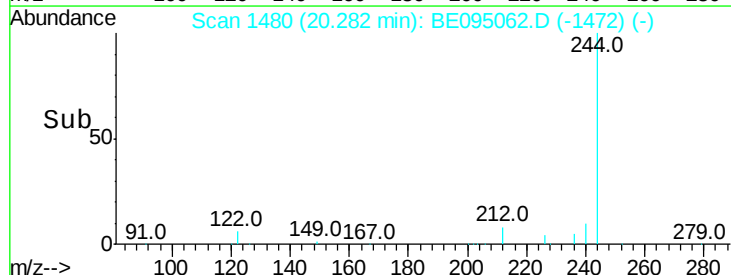
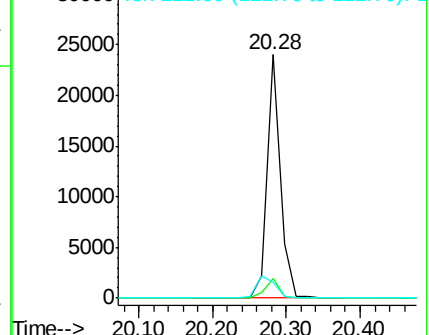
122 6.3 8.1 12.1#

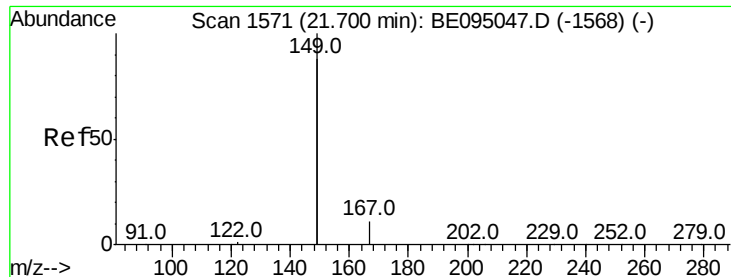


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.095 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

Instrument :

BNA_E

ClientSampleId :

FB-121917

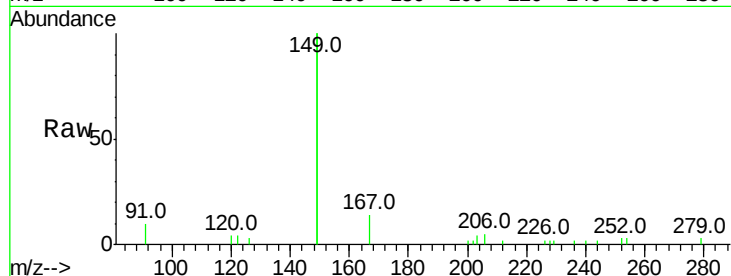
Tot Ion:149 Resp: 6972

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

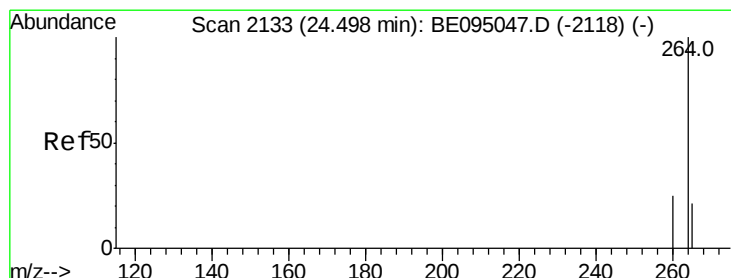
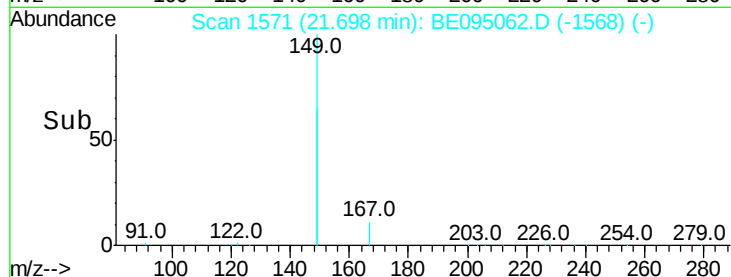
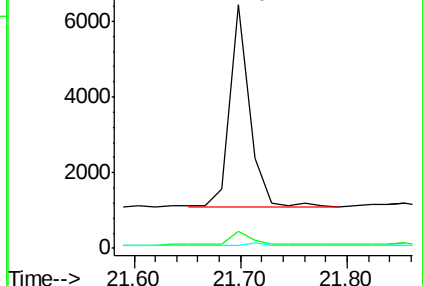
279 1.5 0.7 1.1#



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: 24.49 min Scan# 2132

Delta R.T. -0.06 min

Lab File: BE095062.D

Acq: 26 Dec 2017 18:47

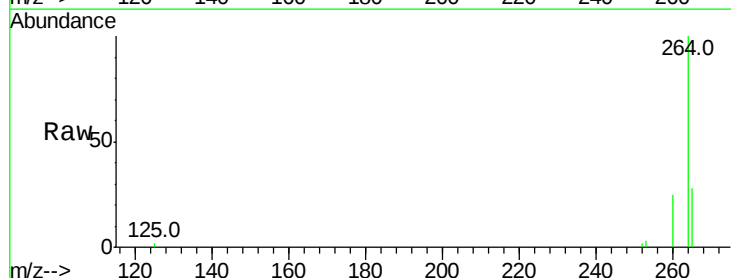
Tgt Ion:264 Resp: 17518

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

265 28.3 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

