

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 01:15:48 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

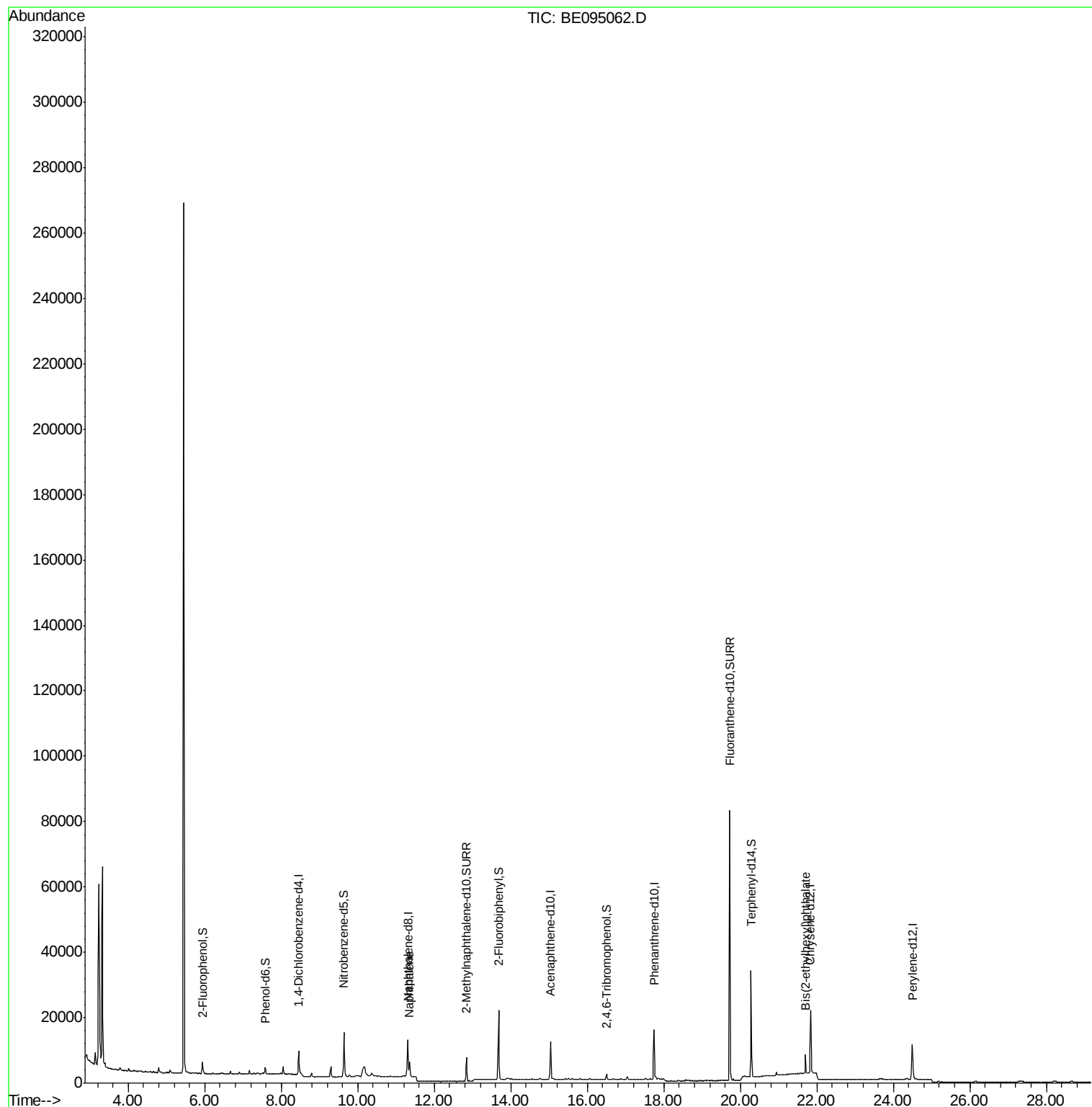
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6144	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	14343	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	8141	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	19779	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19705	0.40	ng	-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						
9) Naphthalene	11.34	128	8712	0.052	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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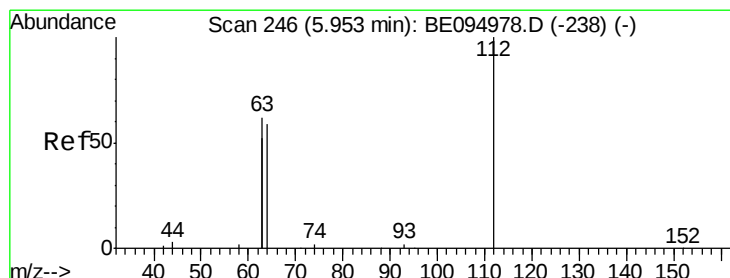
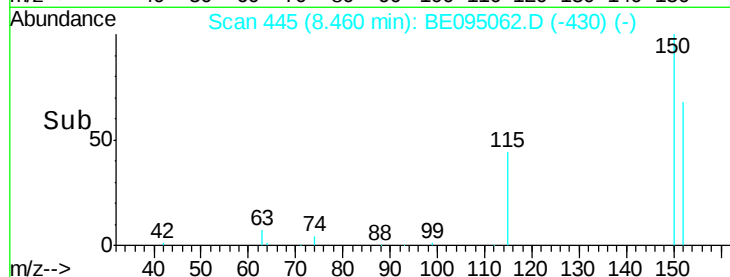
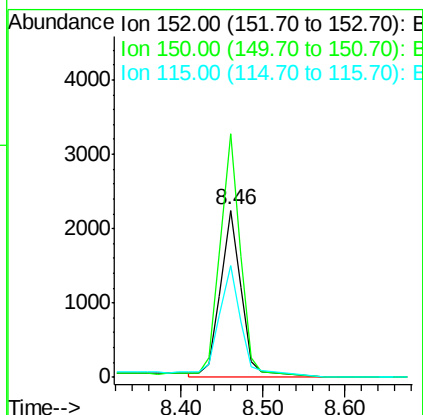
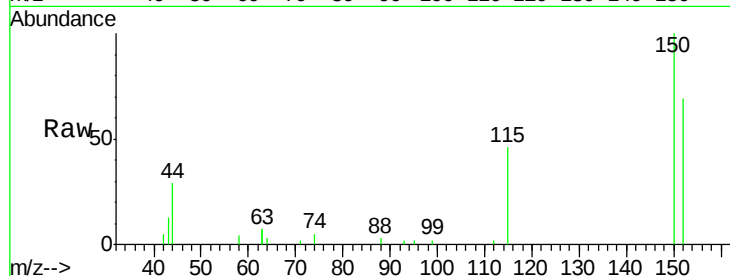


#1

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

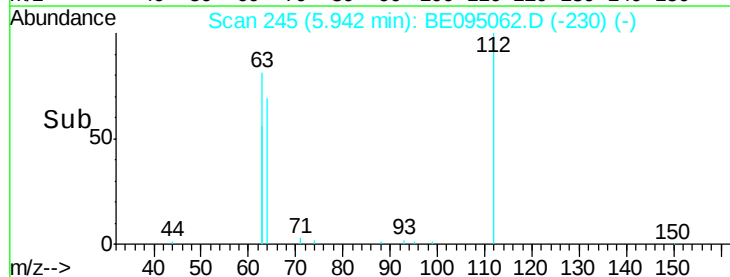
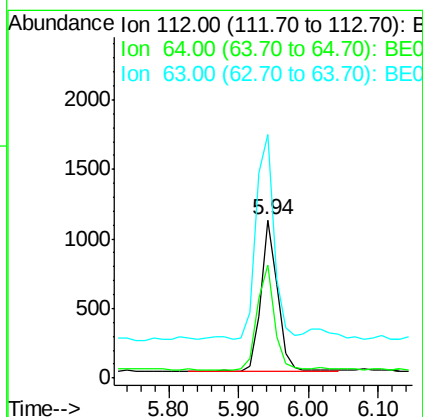
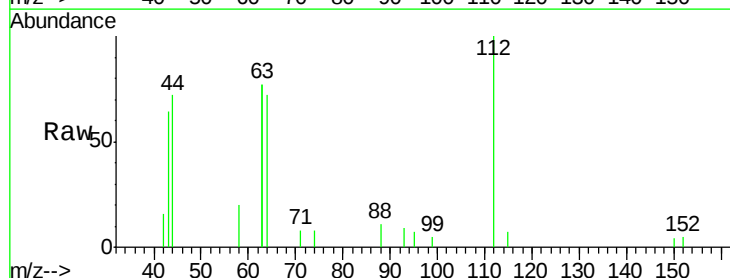
Tgt Ion:152 Resp: 6144
Ion Ratio Lower Upper
152 100
150 145.8 117.2 175.8
115 66.7 57.0 85.6

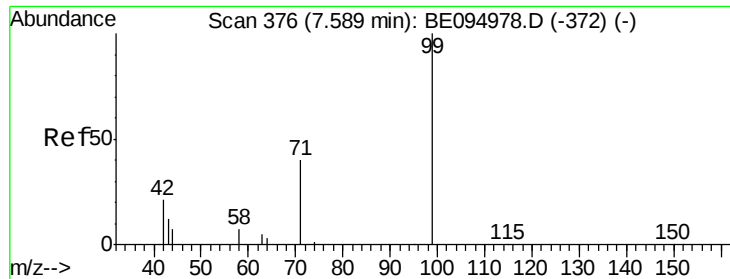


#4

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

Tgt Ion:112 Resp: 1780
Ion Ratio Lower Upper
112 100
64 70.3 60.1 90.1
63 146.3 116.8 175.2





#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

Instrument :

BNA_E

ClientSampleId :

FB-121917

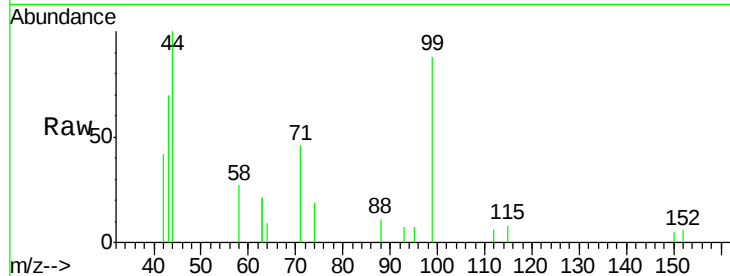
Tgt Ion: 99 Resp: 1604

Ion Ratio Lower Upper

99 100

42 27.4 20.2 30.2

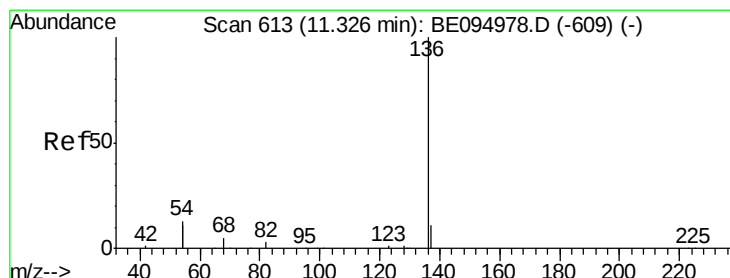
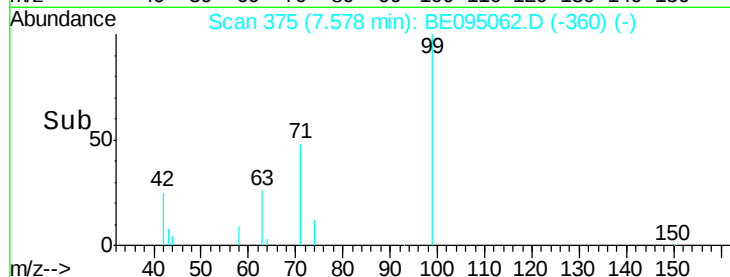
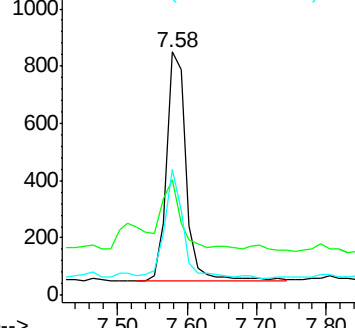
71 44.2 28.4 42.6#



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

Tgt Ion: 136 Resp: 14343

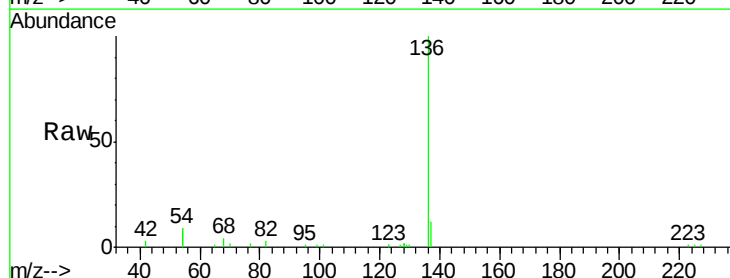
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 18.3 29.1 43.7#

68 4.2 6.2 9.2#

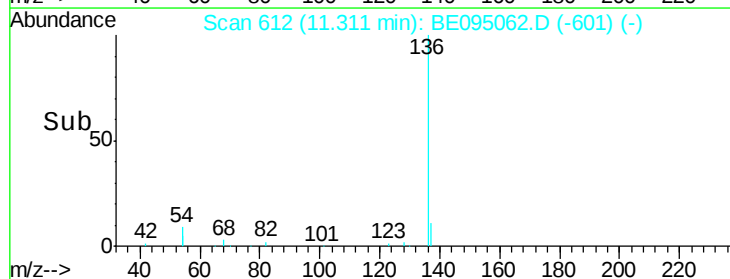
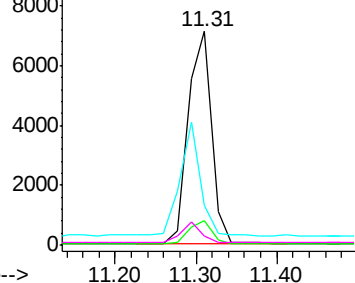


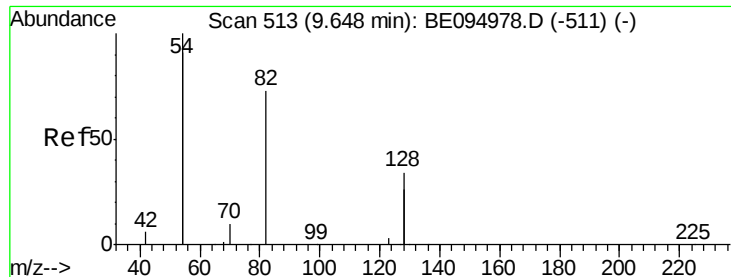
Abundance Ion 136.00 (135.70 to 136.70): E

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

Instrument :

BNA_E

ClientSampleId :

FB-121917

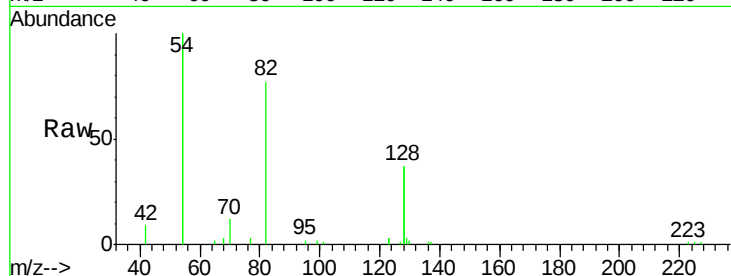
Tgt Ion: 82 Resp: 5892

Ion Ratio Lower Upper

82 100

128 94.7 150.0 225.0#

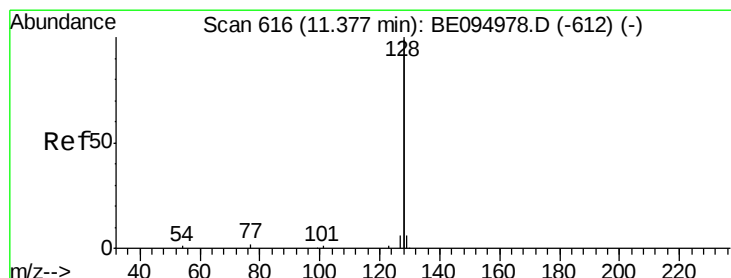
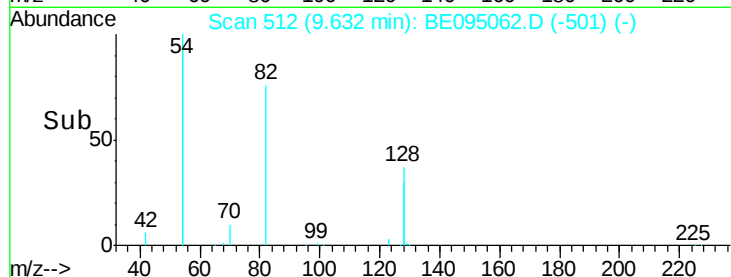
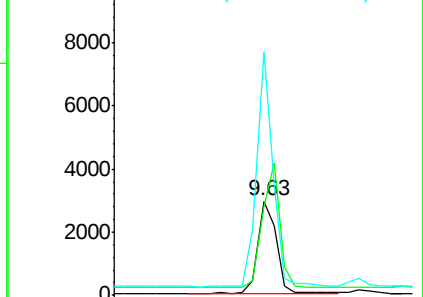
54 258.3 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094978.D (-511) (-)

Ion 128.00 (127.70 to 128.70): BE094978.D (-511) (-)

Ion 54.00 (53.70 to 54.70): BE094978.D (-511) (-)



#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

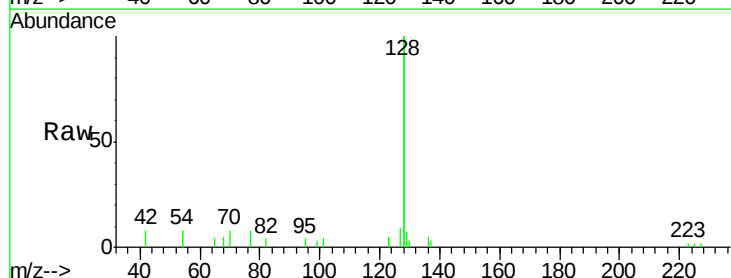
Tgt Ion: 128 Resp: 8712

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

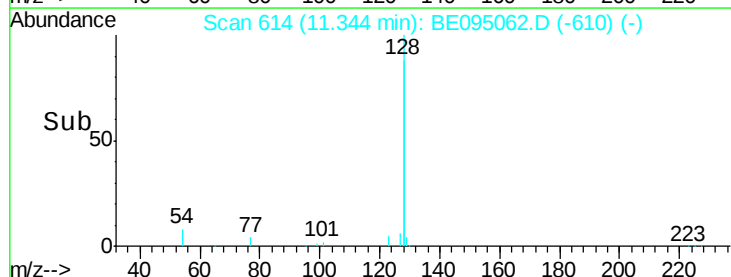
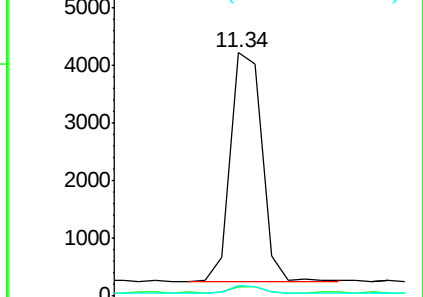
127 4.5 2.8 4.2#

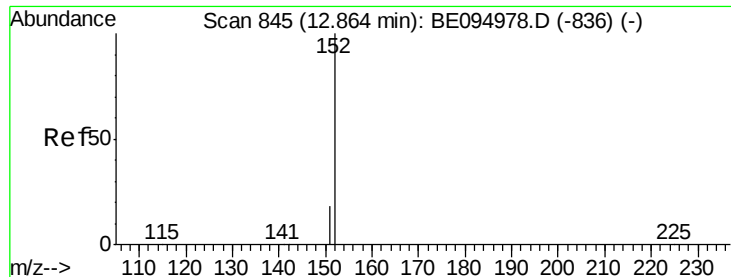


Abundance Ion 128.00 (127.70 to 128.70): BE094978.D (-612) (-)

Ion 129.00 (128.70 to 129.70): BE094978.D (-612) (-)

Ion 127.00 (126.70 to 127.70): BE094978.D (-612) (-)

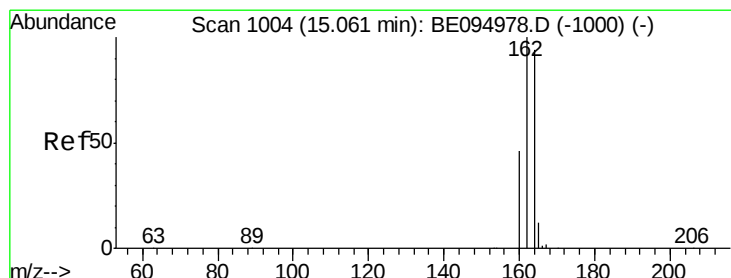
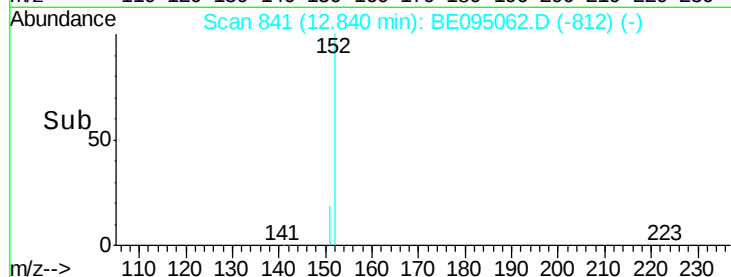
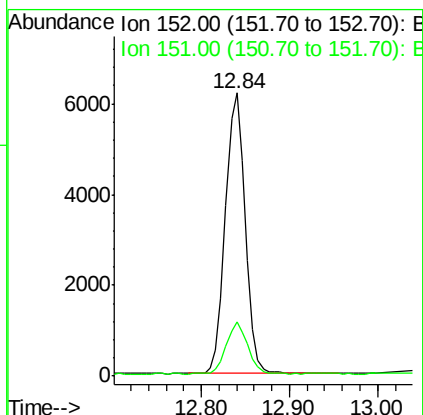
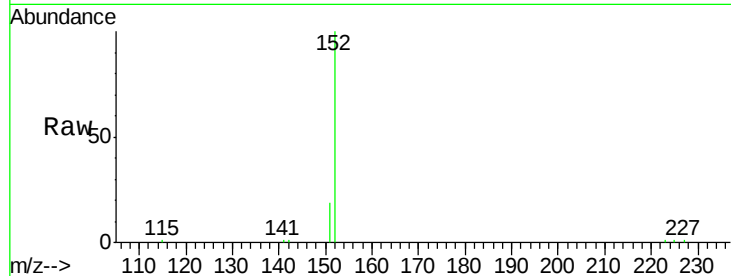




#11
 2-Methylnaphthalene-d10
 Concen: 0.410 ng
 RT: 12.84 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BE095062.D
 Acq: 26 Dec 2017 18:47

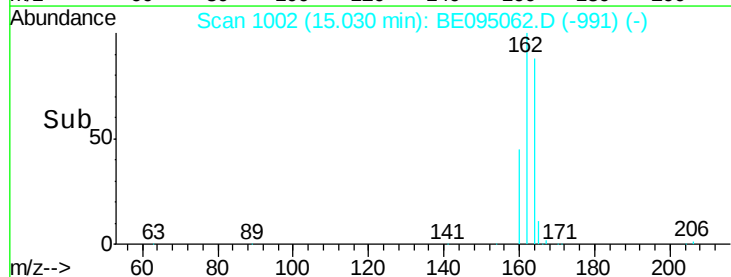
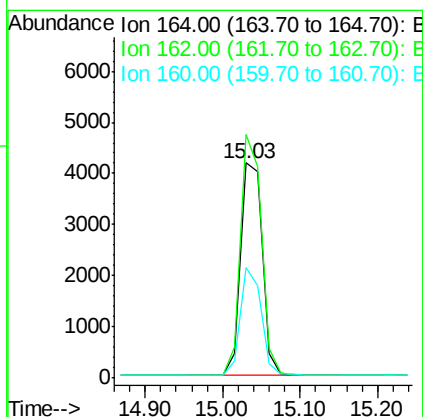
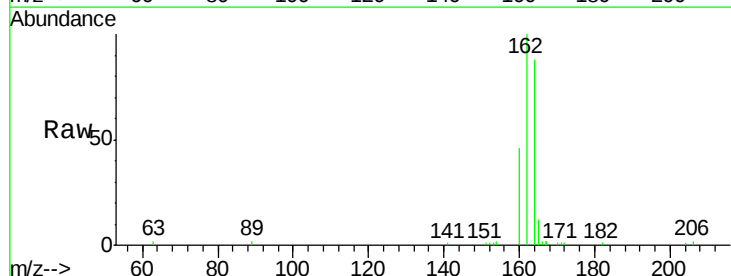
Instrument :
 BNA_E
 ClientSampleId :
 FB-121917

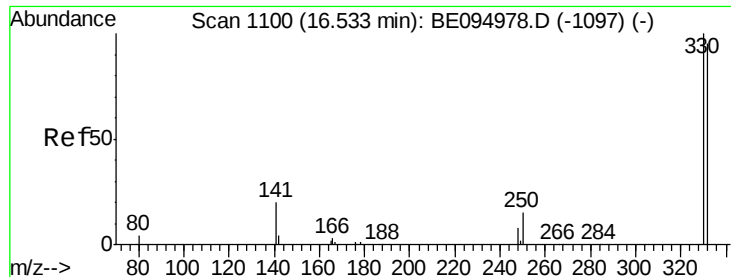
Tgt Ion:152 Resp: 9627
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.4 23.0



#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

Tgt Ion:164 Resp: 8141
 Ion Ratio Lower Upper
 164 100
 162 113.1 83.1 124.7
 160 51.5 37.1 55.7

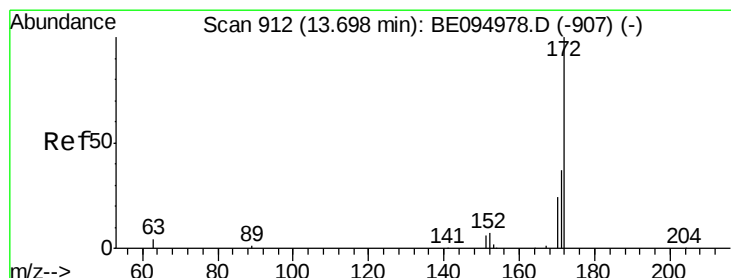
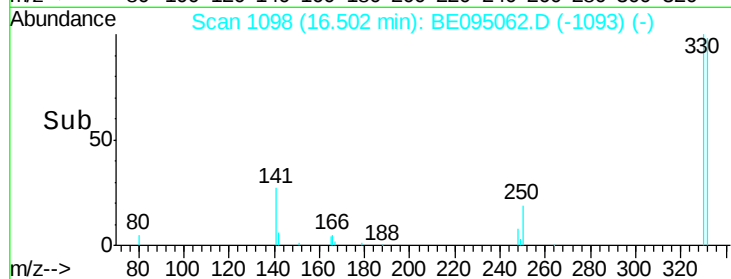
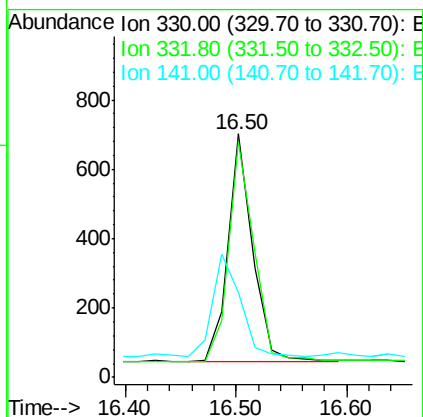
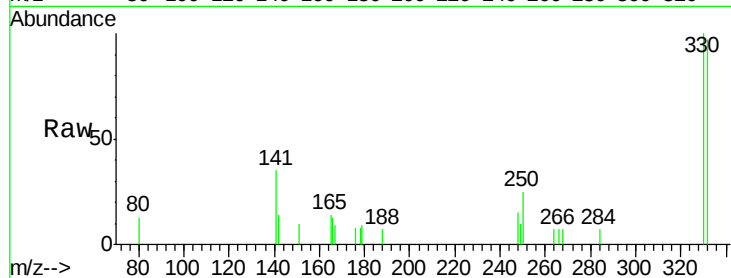




#14
 2,4,6-Tribromophenol
 Concen: 0.537 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095062.D
 Acq: 26 Dec 2017 18:47

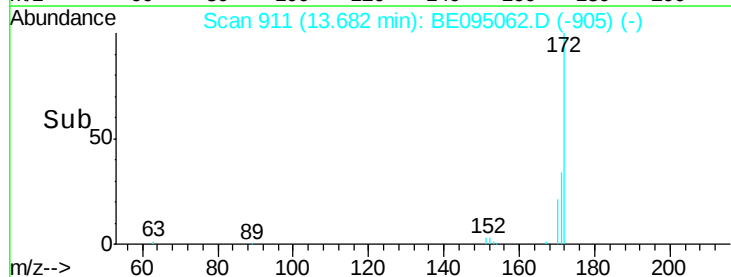
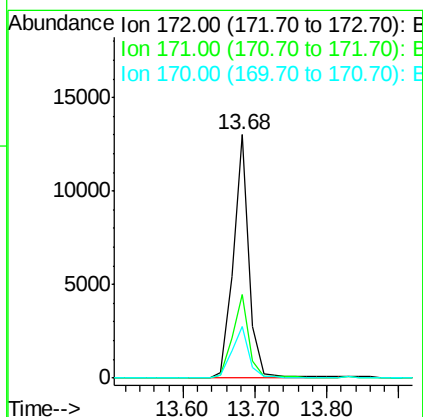
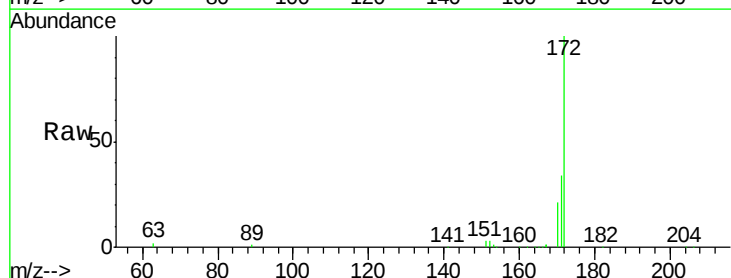
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 ClientSampleId :
 FB-121917

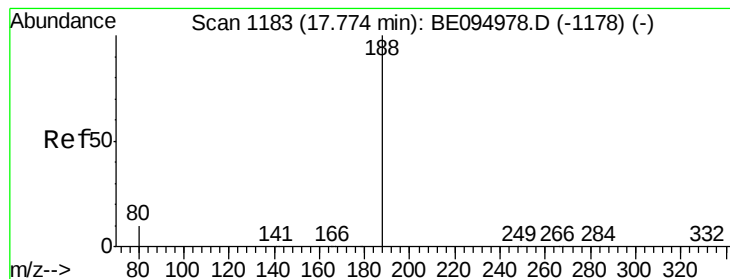
Tgt Ion: 330 Resp: 1016
 Ion Ratio Lower Upper
 330 100
 332 101.4 152.7 229.1#
 141 50.0 33.7 50.5



#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

Tgt 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

Instrument :

BNA_E

ClientSampleId :

FB-121917

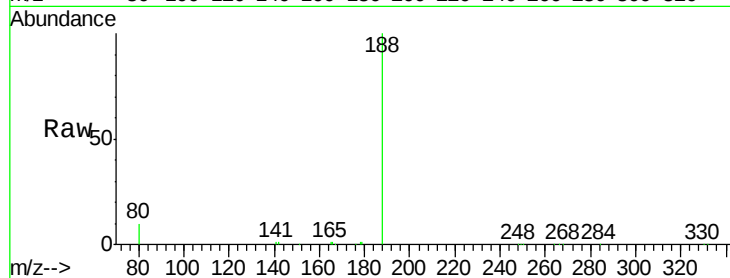
Tgt Ion:188 Resp: 19779

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

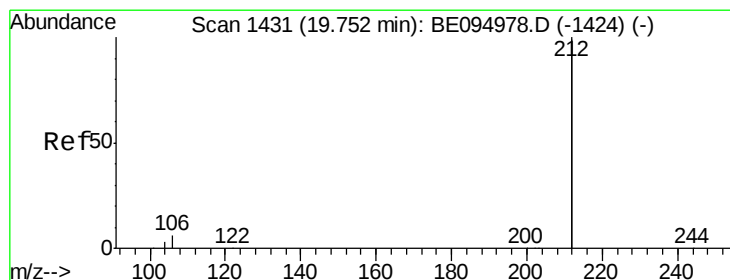
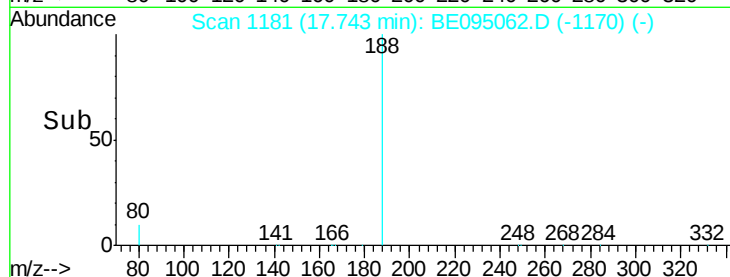
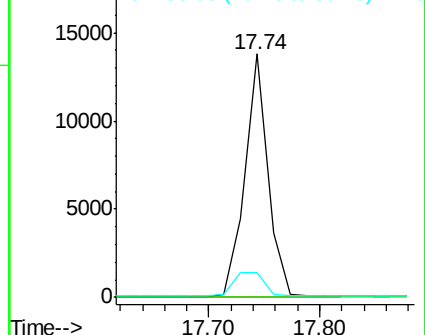
80 10.1 3.6 5.4#



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



#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

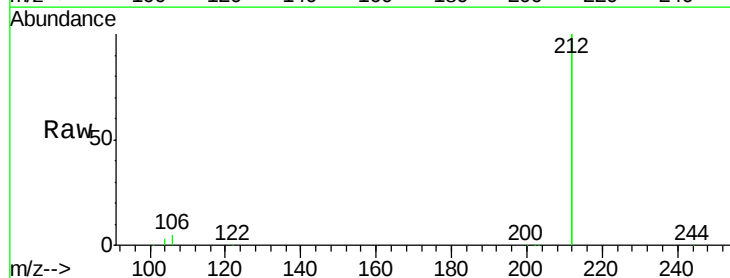
Tgt Ion:212 Resp: 107838

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

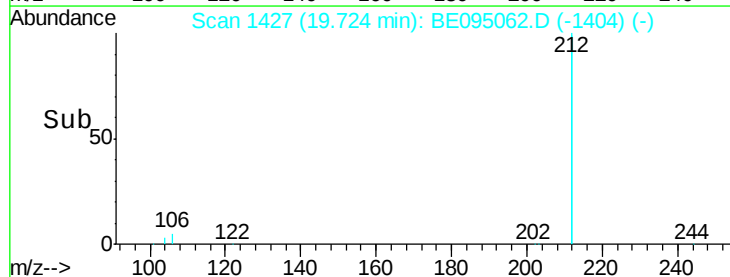
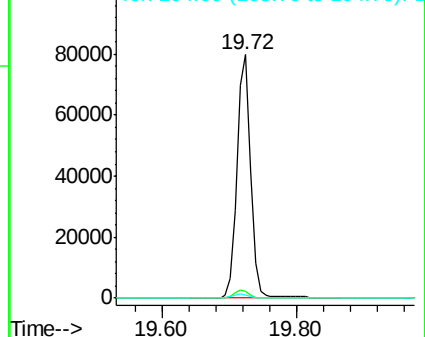
104 1.8 1.6 2.4

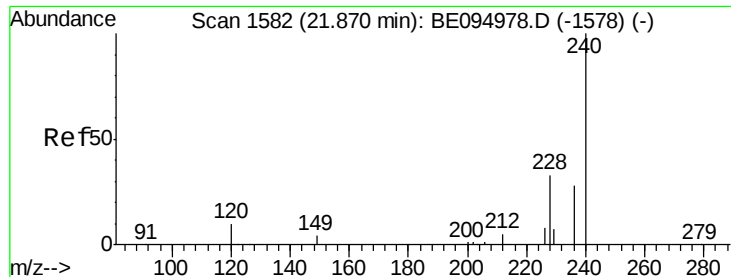


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE095062.D

Acq: 26 Dec 2017 18:47

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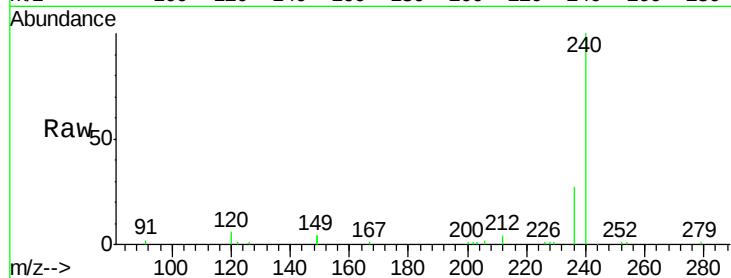
Tgt Ion:240 Resp: 19705

Ion Ratio Lower Upper

240 100

120 6.1 5.5 8.3

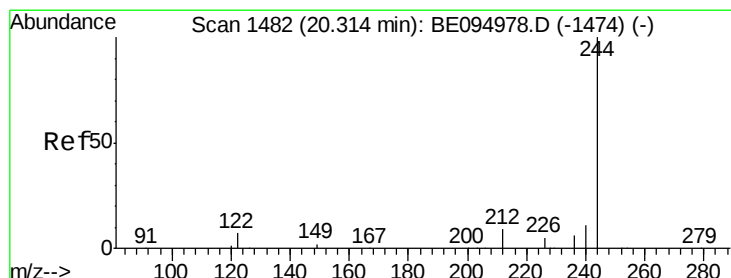
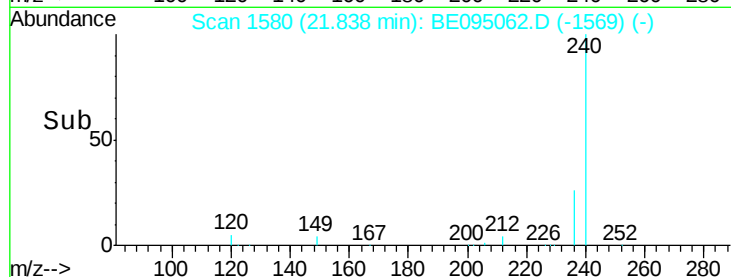
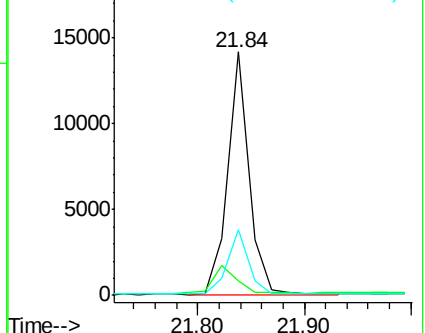
236 26.8 20.7 31.1



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

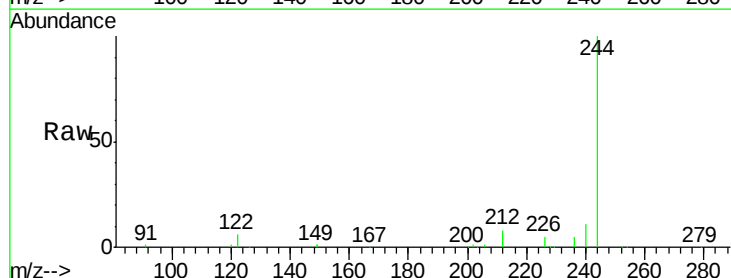
Tgt Ion:244 Resp: 29785

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

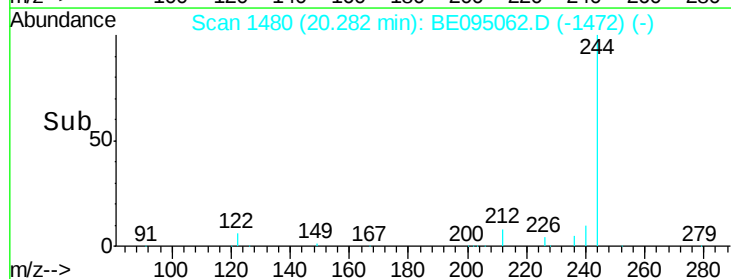
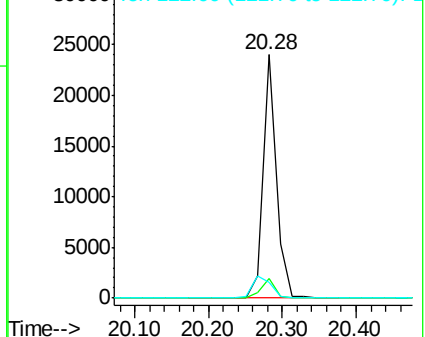
122 6.3 8.1 12.1#

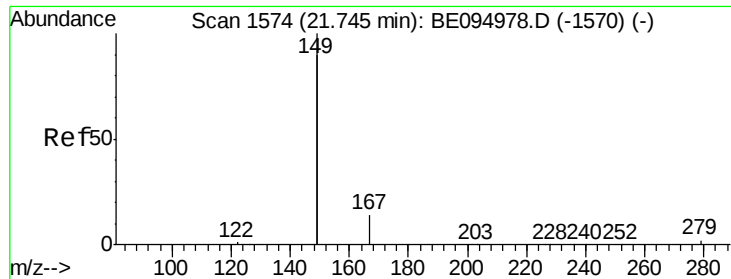


Abundance Ion 244.00 (243.70 to 244.70): E

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

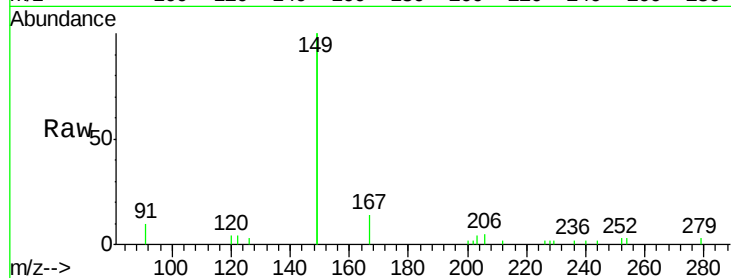
Tgt Ion:149 Resp: 6972

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

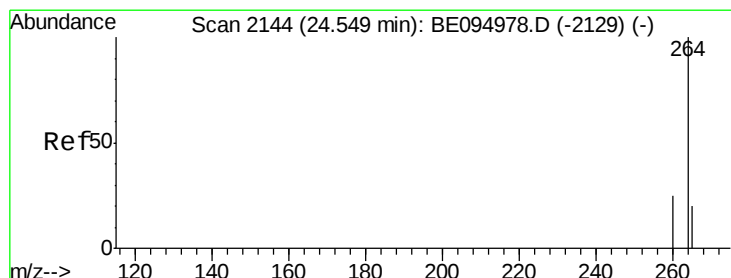
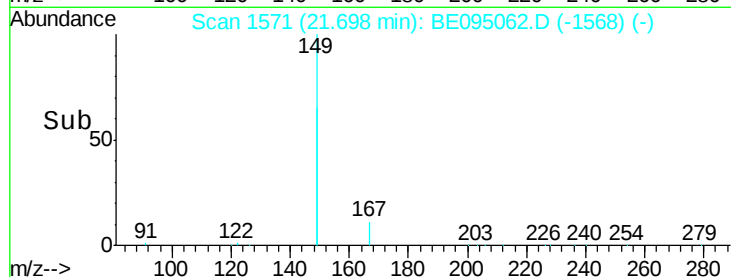
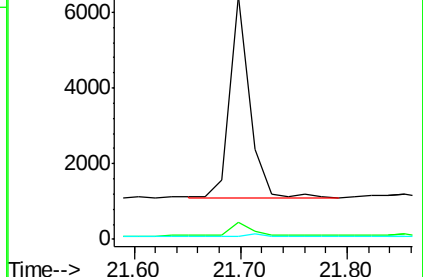
279 1.5 0.7 1.1#



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

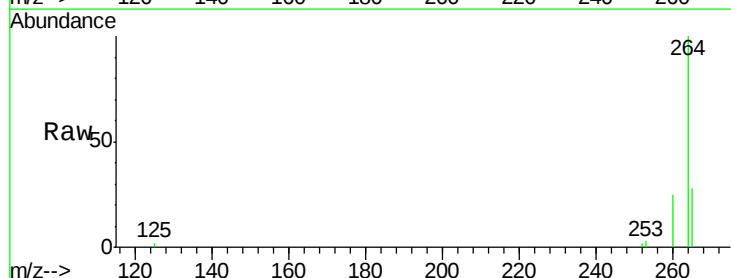
Tgt Ion:264 Resp: 17518

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

