

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
 Data File : BE095032.D
 Acq On : 19 Dec 2017 15:00
 Operator : SJ/JU
 Sample : I6943-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:47:55 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

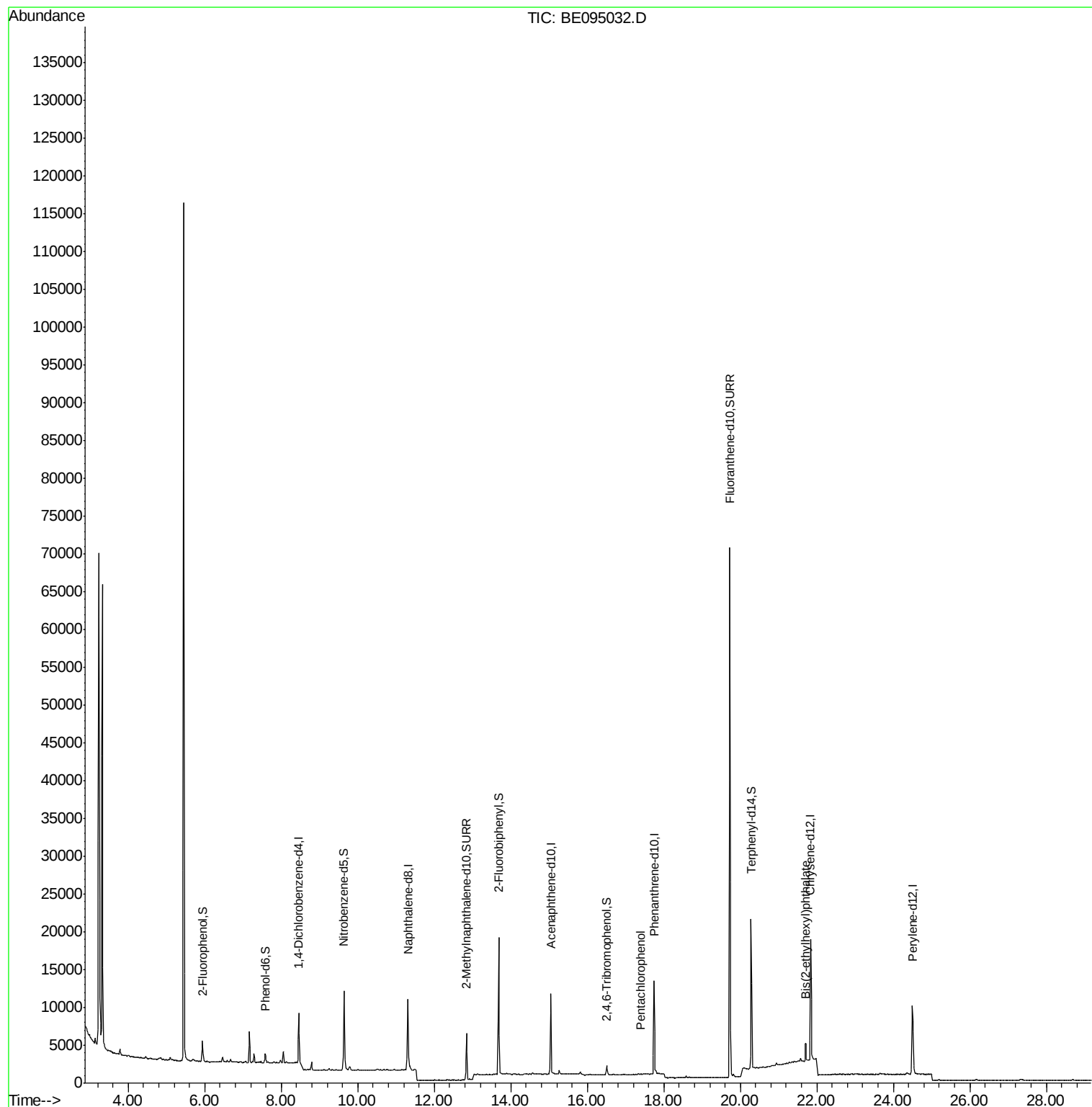
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5650	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	12571	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	6972	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	16553	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	17598	0.40	ng	-0.03
34) Perylene-d12	24.50	264	15304	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1389	0.16	ng	-0.01
5) Phenol-d6	7.59	99	1230	0.09	ng	0.00
8) Nitrobenzene-d5	9.63	82	4906	0.48	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	8504	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	845	0.52	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	16374	0.53	ng	-0.02
25) Fluoranthene-d10	19.72	212	92270	0.43	ng	-0.03
29) Terphenyl-d14	20.28	244	21724	0.66	ng	-0.03
Target Compounds						
22) Pentachlorophenol	17.40	266	43	0.097	ng	Qvalue 100
32) Bis(2-ethylhexyl)phthalate	21.70	149	4674	0.071	ng	# 99

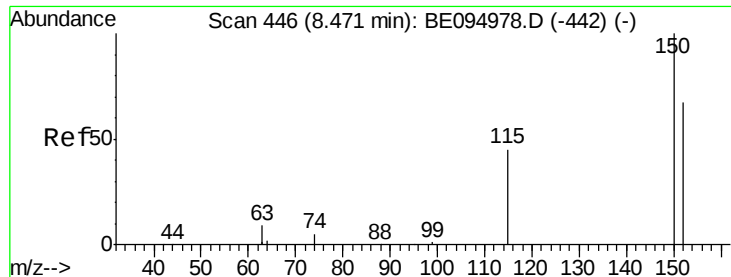
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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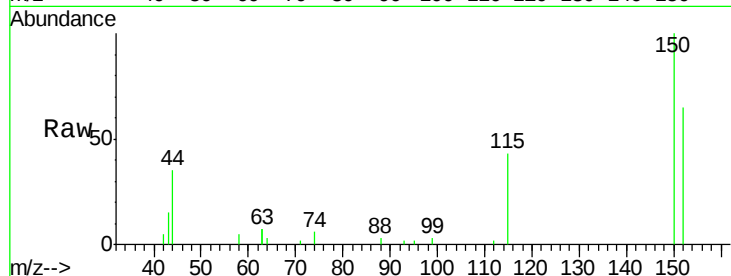


#1

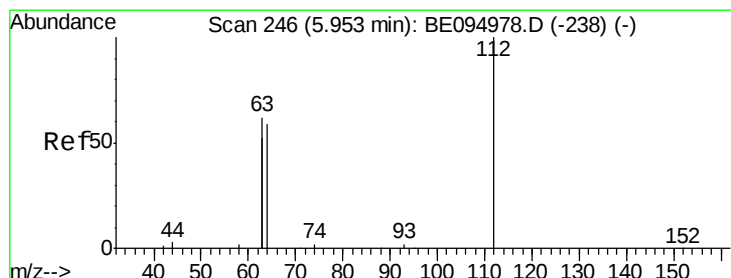
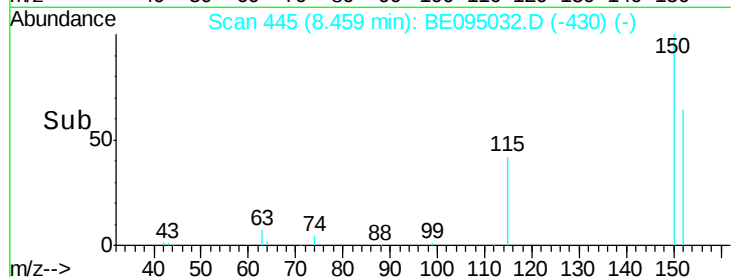
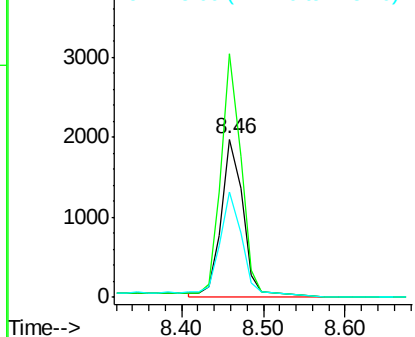
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095032.D
Acq: 19 Dec 2017 15:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5650
Ion Ratio Lower Upper
152 100
150 154.0 117.2 175.8
115 66.3 57.0 85.6



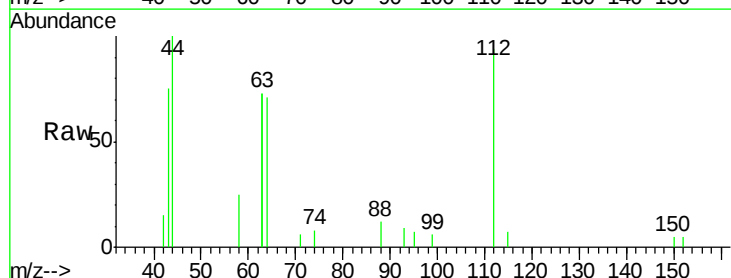
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



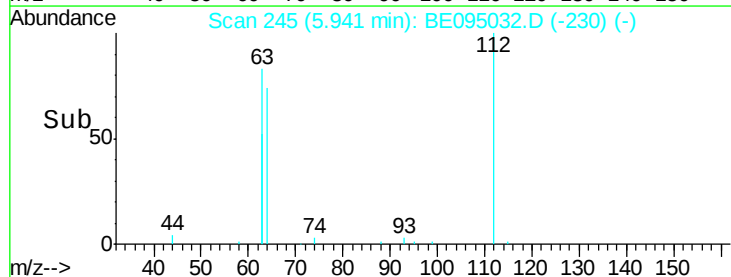
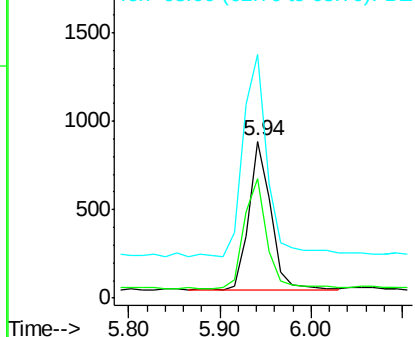
#4

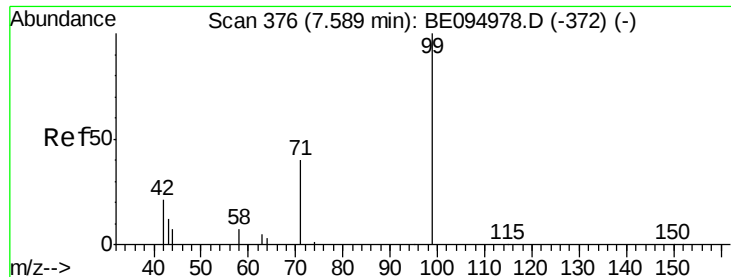
2-Fluorophenol
Concen: 0.158 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095032.D
Acq: 19 Dec 2017 15:00

Tgt Ion:112 Resp: 1389
Ion Ratio Lower Upper
112 100
64 77.0 60.1 90.1
63 153.0 116.8 175.2



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: 0.094 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE095032.D

Acq: 19 Dec 2017 15:00

Instrument :

BNA_E

ClientSampleId :

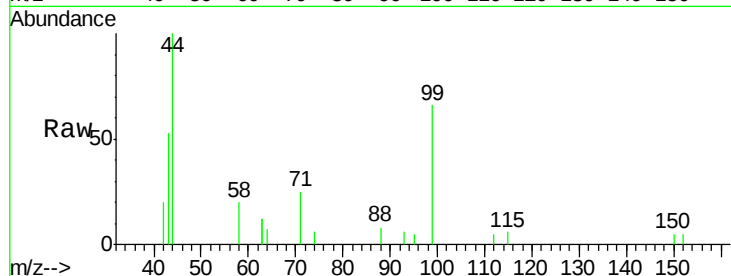
Tot Ion: 99 Resp: 1230

Ion Ratio Lower Upper

99 100

42 28.2 20.2 30.2

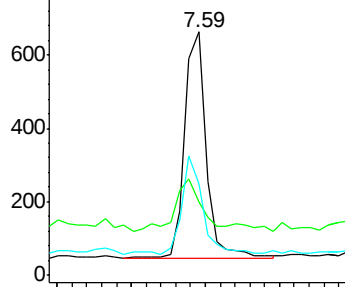
71 42.4 28.4 42.6



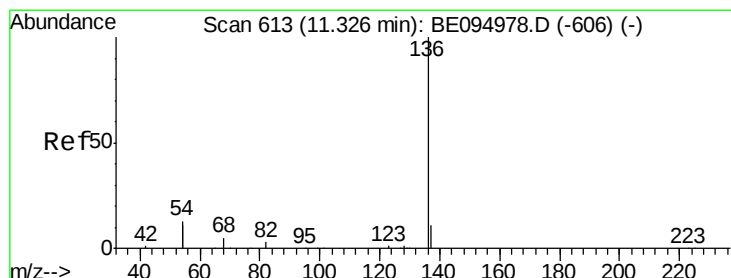
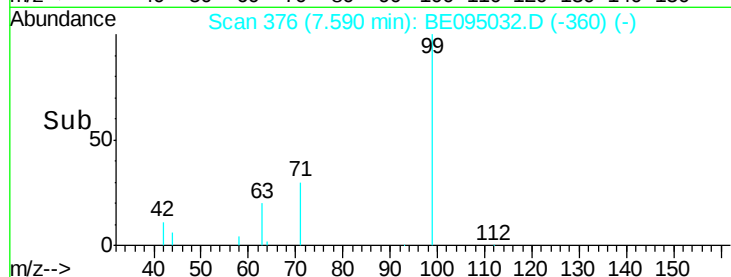
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.40 7.50 7.60 7.70



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095032.D

Acq: 19 Dec 2017 15:00

Tgt Ion: 136 Resp: 12571

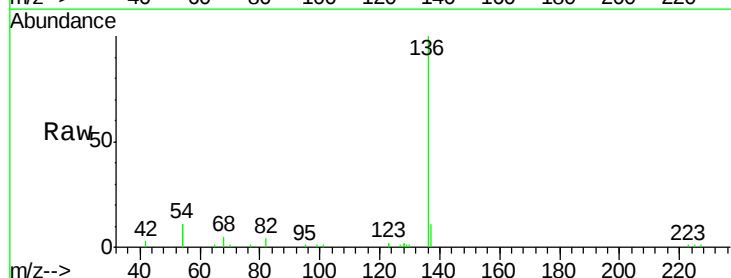
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 22.0 29.1 43.7#

68 5.3 6.2 9.2#

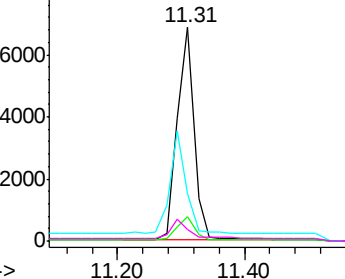


Abundance Ion 136.00 (135.70 to 136.70): E

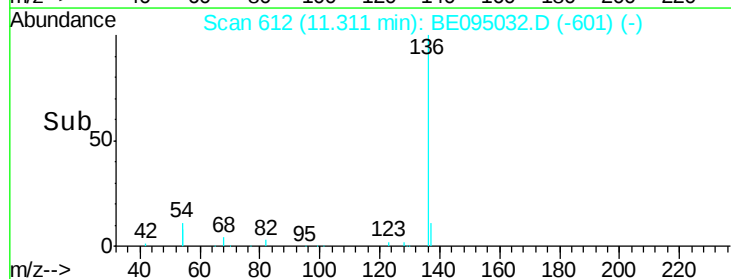
Ion 137.00 (136.70 to 137.70): E

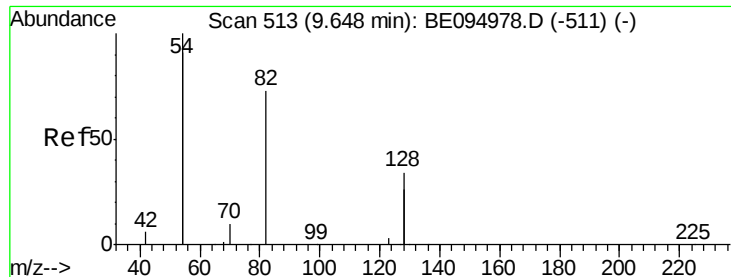
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.20 11.40





#8

Nitrobenzene-d5

Concen: 0.476 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095032.D

Acq: 19 Dec 2017 15:00

Instrument :

BNA_E

ClientSampleId :

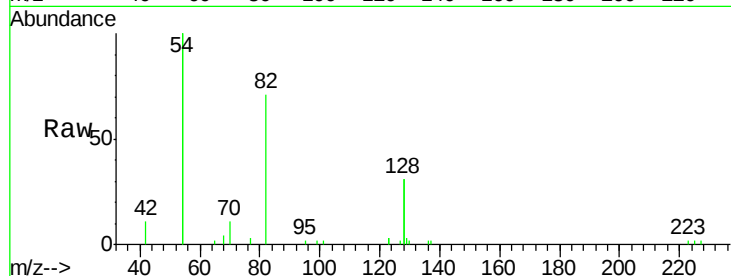
Tot Ion: 82 Resp: 4906

Ion Ratio Lower Upper

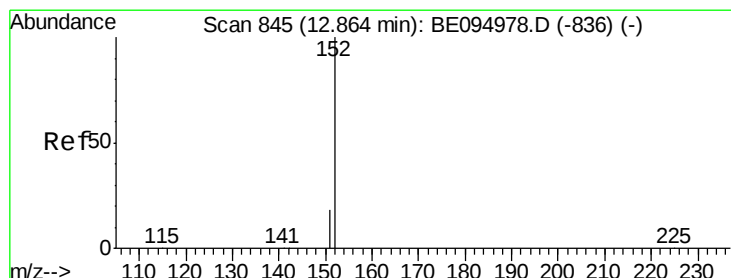
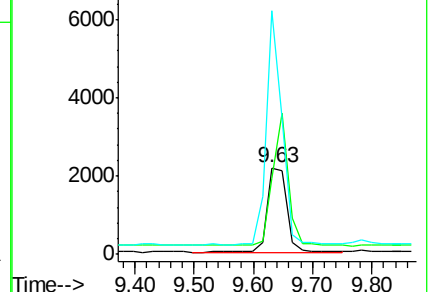
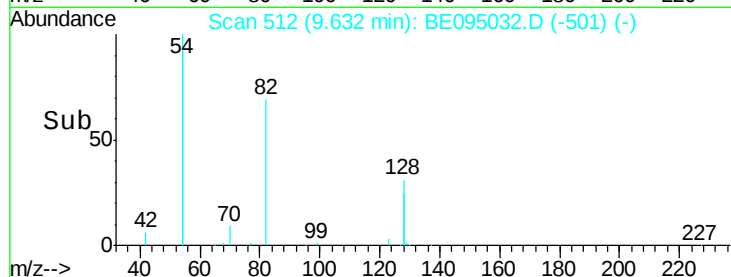
82 100

128 88.3 150.0 225.0#

54 280.7 154.2 231.4#



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



#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095032.D

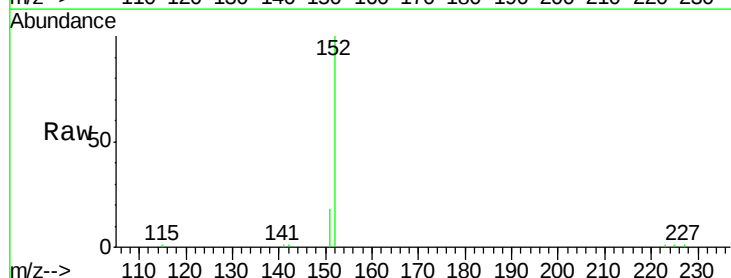
Acq: 19 Dec 2017 15:00

Tgt Ion: 152 Resp: 8504

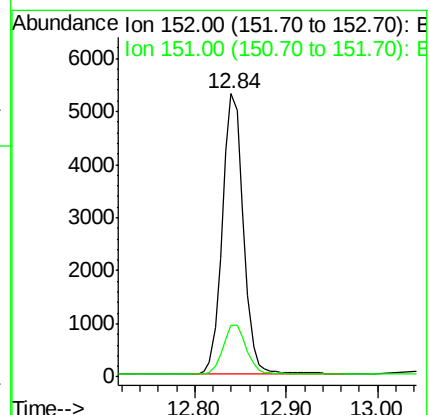
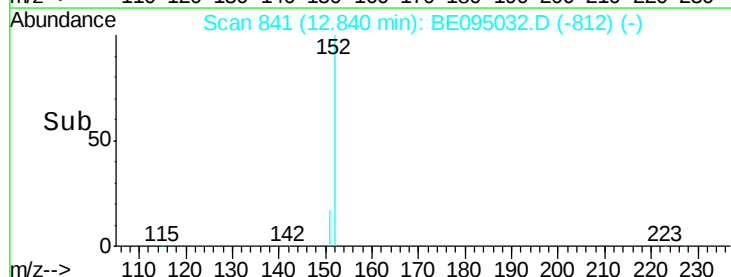
Ion Ratio Lower Upper

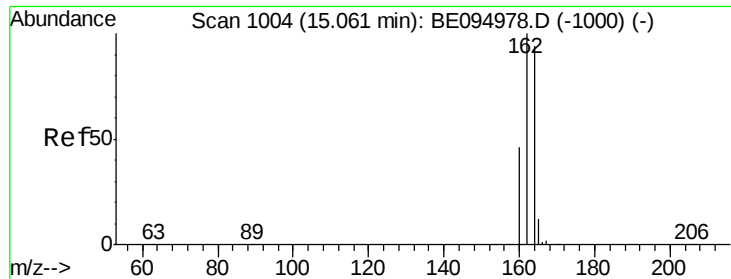
152 100

151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094978.D (-836) (-)

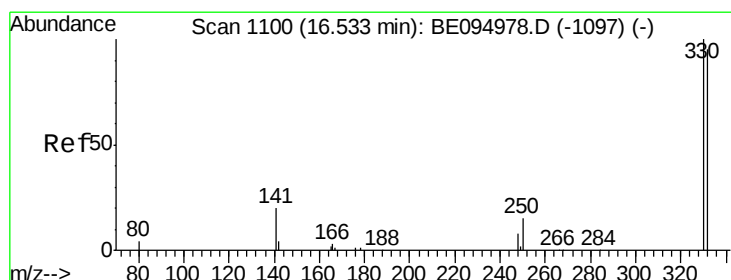
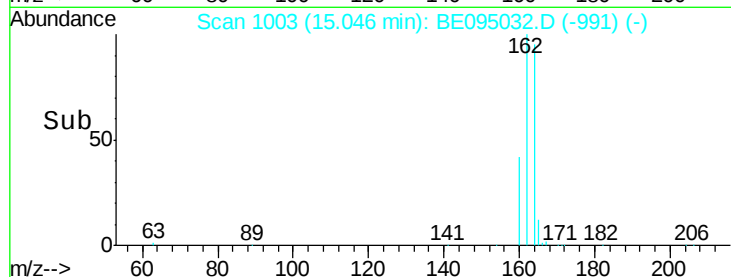
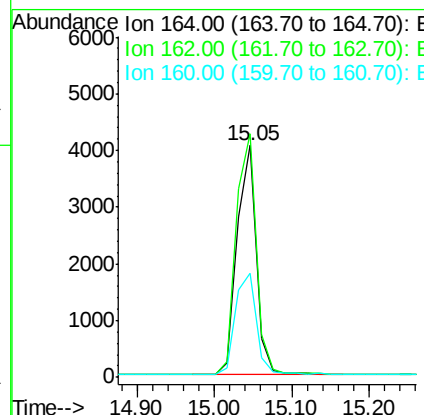
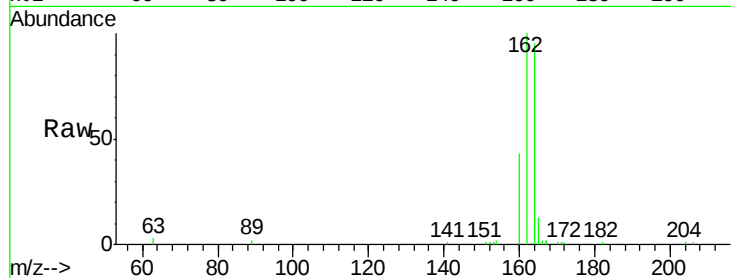




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.05 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BE095032.D
 Acq: 19 Dec 2017 15:00

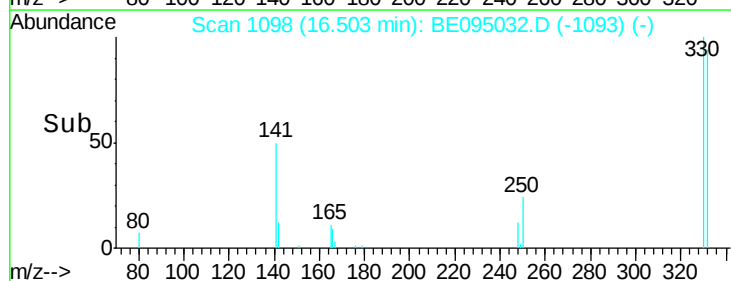
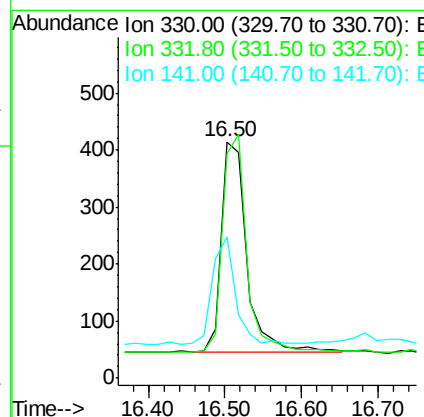
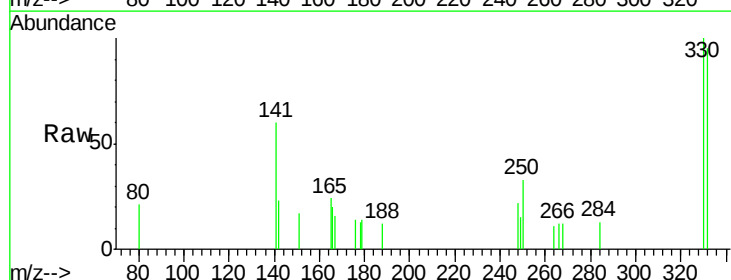
Instrument :
 BNA_E
 ClientSampleId :

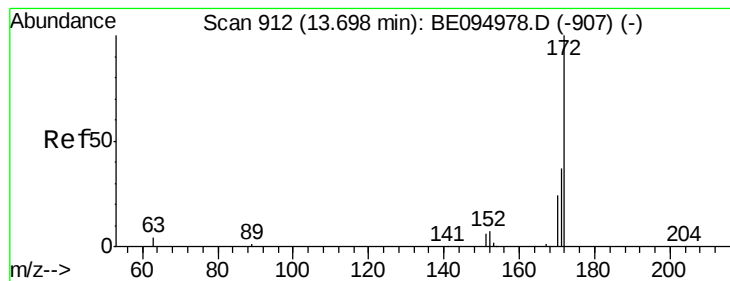
Tot Ion:164 Resp: 6972
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.1 124.7
 160 44.8 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.521 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095032.D
 Acq: 19 Dec 2017 15:00

Tgt Ion:330 Resp: 845
 Ion Ratio Lower Upper
 330 100
 332 99.1 152.7 229.1#
 141 46.9 33.7 50.5

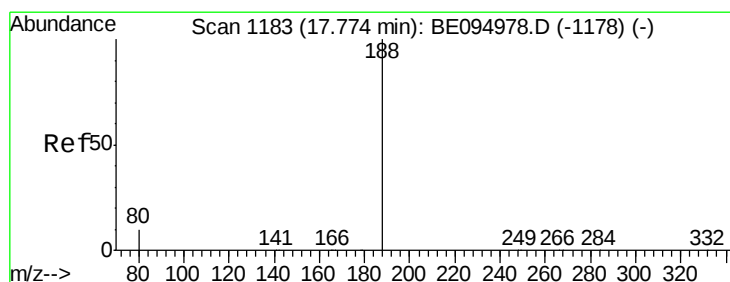
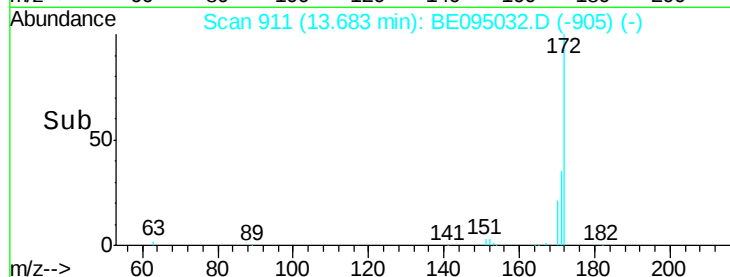
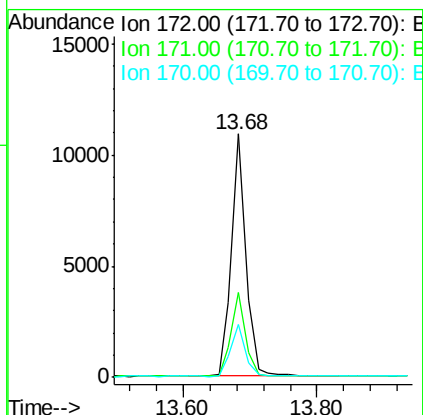
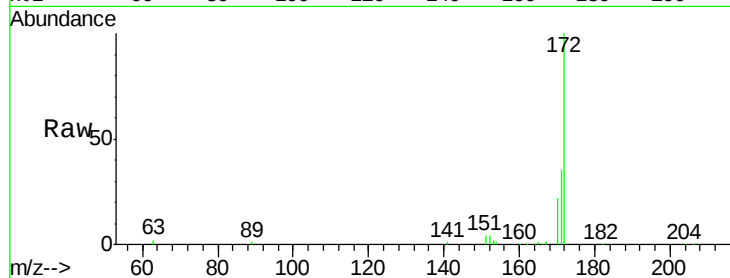




#15
2-Fluorobiphenyl
Concen: 0.530 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095032.D
Acq: 19 Dec 2017 15:00

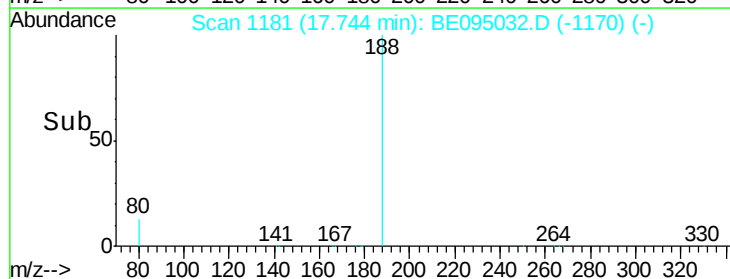
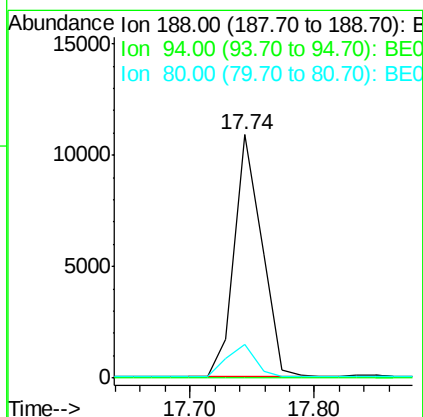
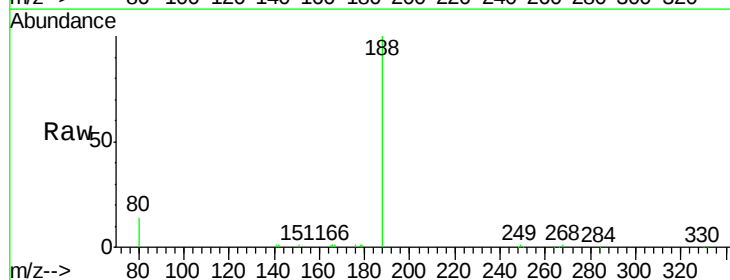
Instrument :
BNA_E
ClientSampleId :

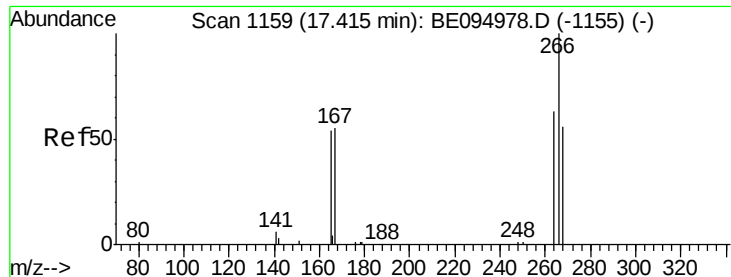
Tot Ion:172 Resp: 16374
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 21.6 21.8 32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095032.D
Acq: 19 Dec 2017 15:00

Tgt Ion:188 Resp: 16553
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.7 3.6 5.4#

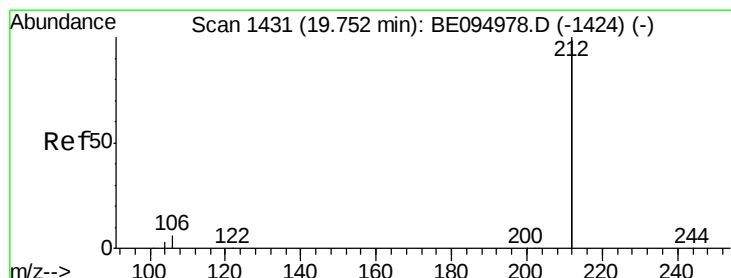
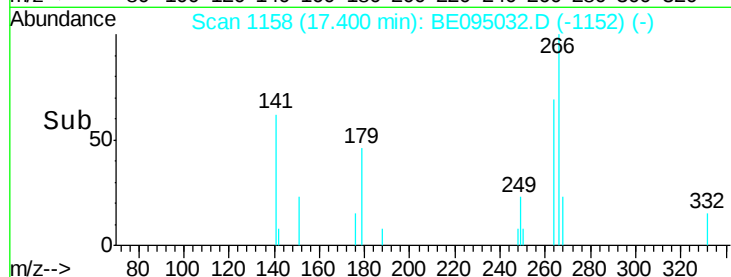
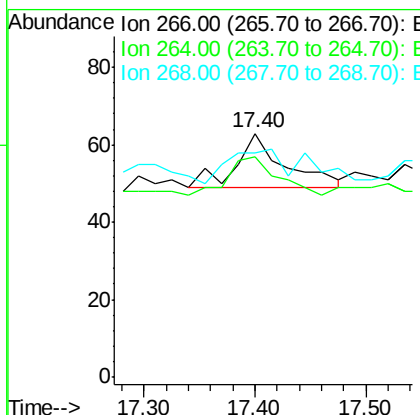
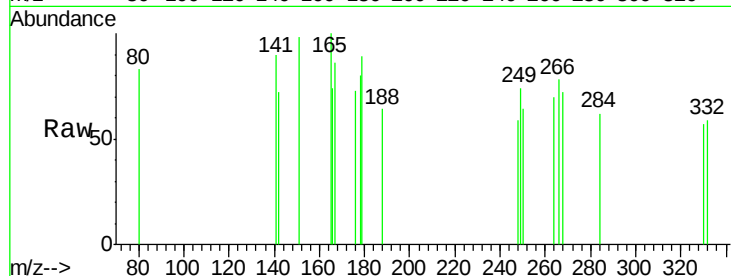




#22
 Pentachlorophenol
 Concen: 0.097 ng
 RT: 17.40 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BE095032.D
 Acq: 19 Dec 2017 15:00

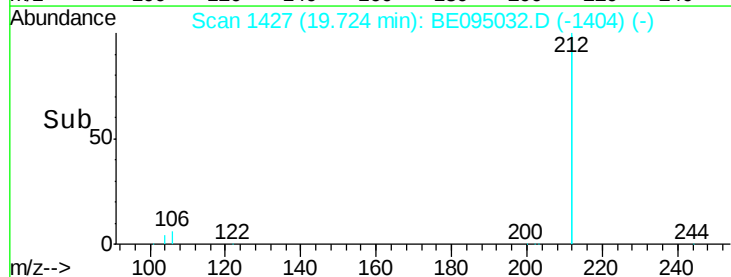
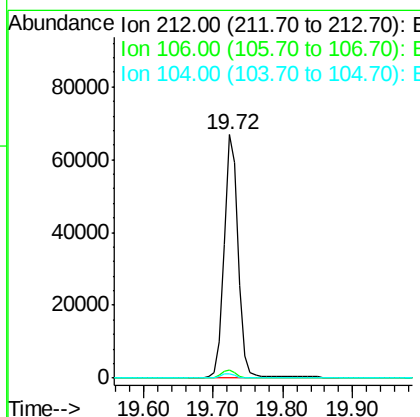
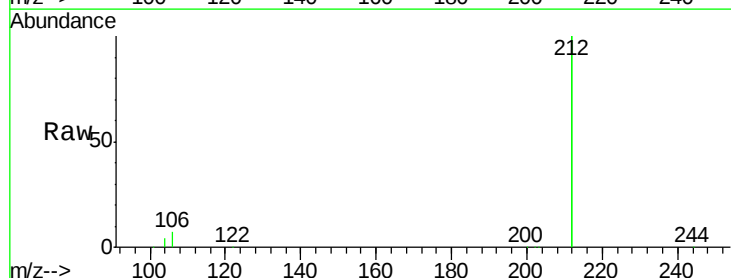
Instrument :
 BNA_E
 ClientSampleId :

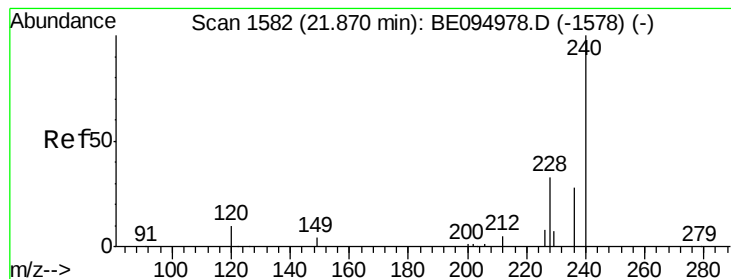
Tot Ion:266 Resp: 43
 Ion Ratio Lower Upper
 266 100
 264 90.5 72.5 108.7
 268 92.1 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.430 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095032.D
 Acq: 19 Dec 2017 15:00

Tgt Ion:212 Resp: 92270
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 2.0 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: BE095032.D

Acq: 19 Dec 2017 15:00

Instrument :

BNA_E

ClientSampled :

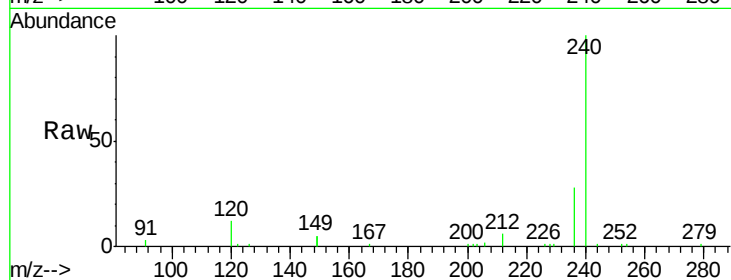
Tot Ion:240 Resp: 17598

Ion Ratio Lower Upper

240 100

120 12.4 5.5 8.3#

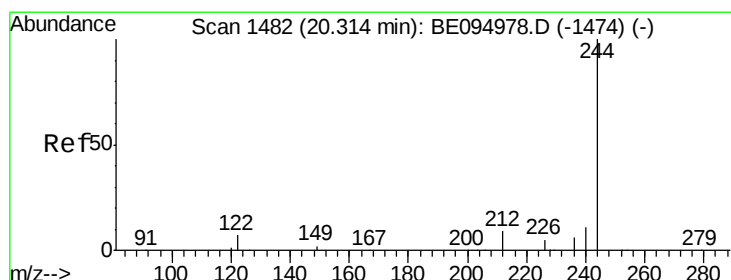
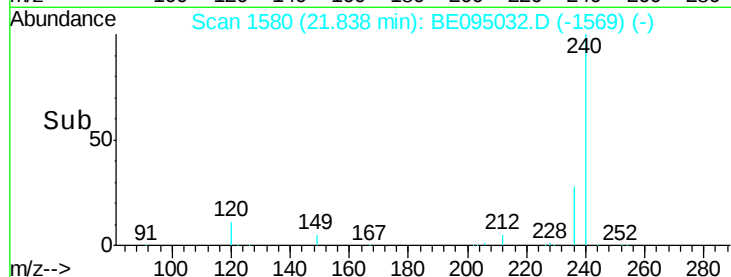
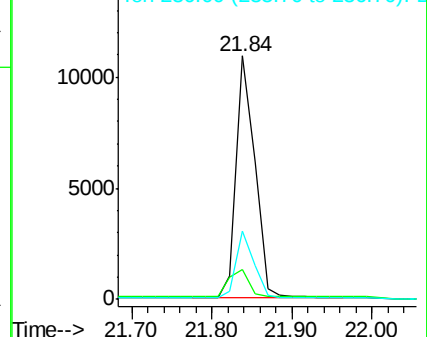
236 28.2 20.7 31.1



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: 0.656 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095032.D

Acq: 19 Dec 2017 15:00

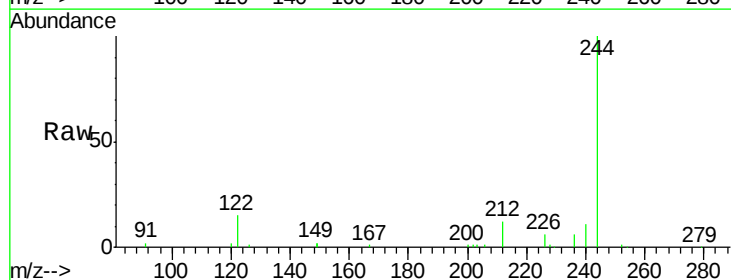
Tgt Ion:244 Resp: 21724

Ion Ratio Lower Upper

244 100

212 12.1 25.4 38.0#

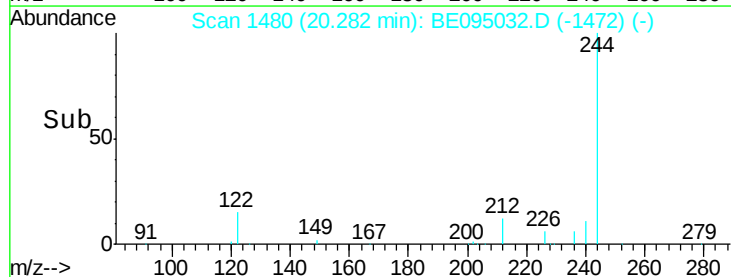
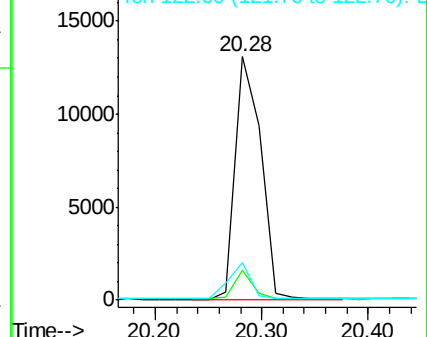
122 15.3 8.1 12.1#

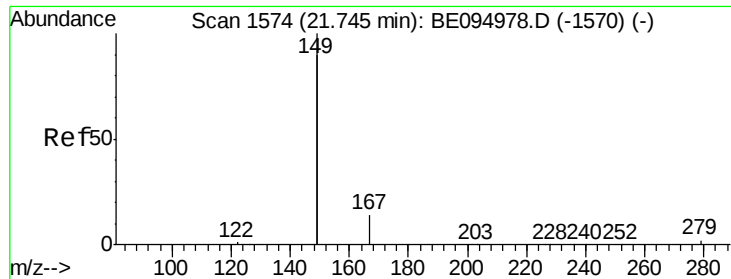


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

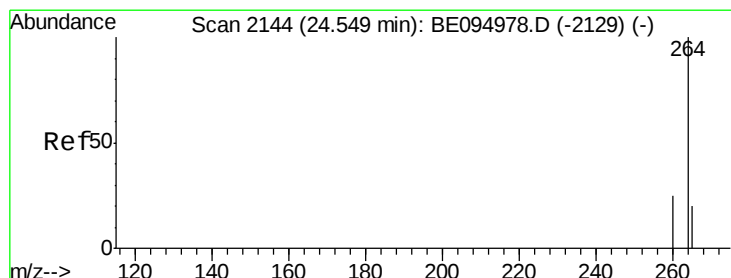
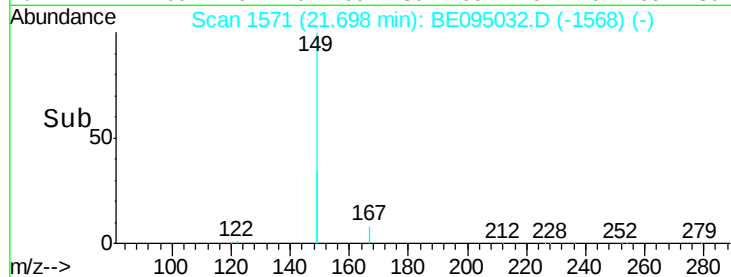
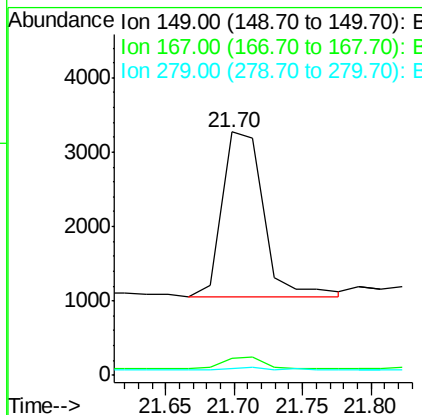
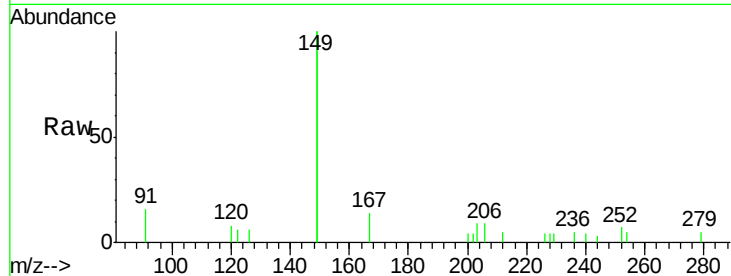




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.70 min Scan# 1571
 Delta R.T. -0.05 min
 Lab File: BE095032.D
 Acq: 19 Dec 2017 15:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 4674
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.0
 279 2.5 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.50 min Scan# 2133
 Delta R.T. -0.05 min
 Lab File: BE095032.D
 Acq: 19 Dec 2017 15:00

Tgt Ion:264 Resp: 15304
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 29.6 22.8 34.2

