

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121917\
 Data File : BE095033.D
 Acq On : 19 Dec 2017 15:36
 Operator : SJ/JU
 Sample : I6943-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:48:07 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

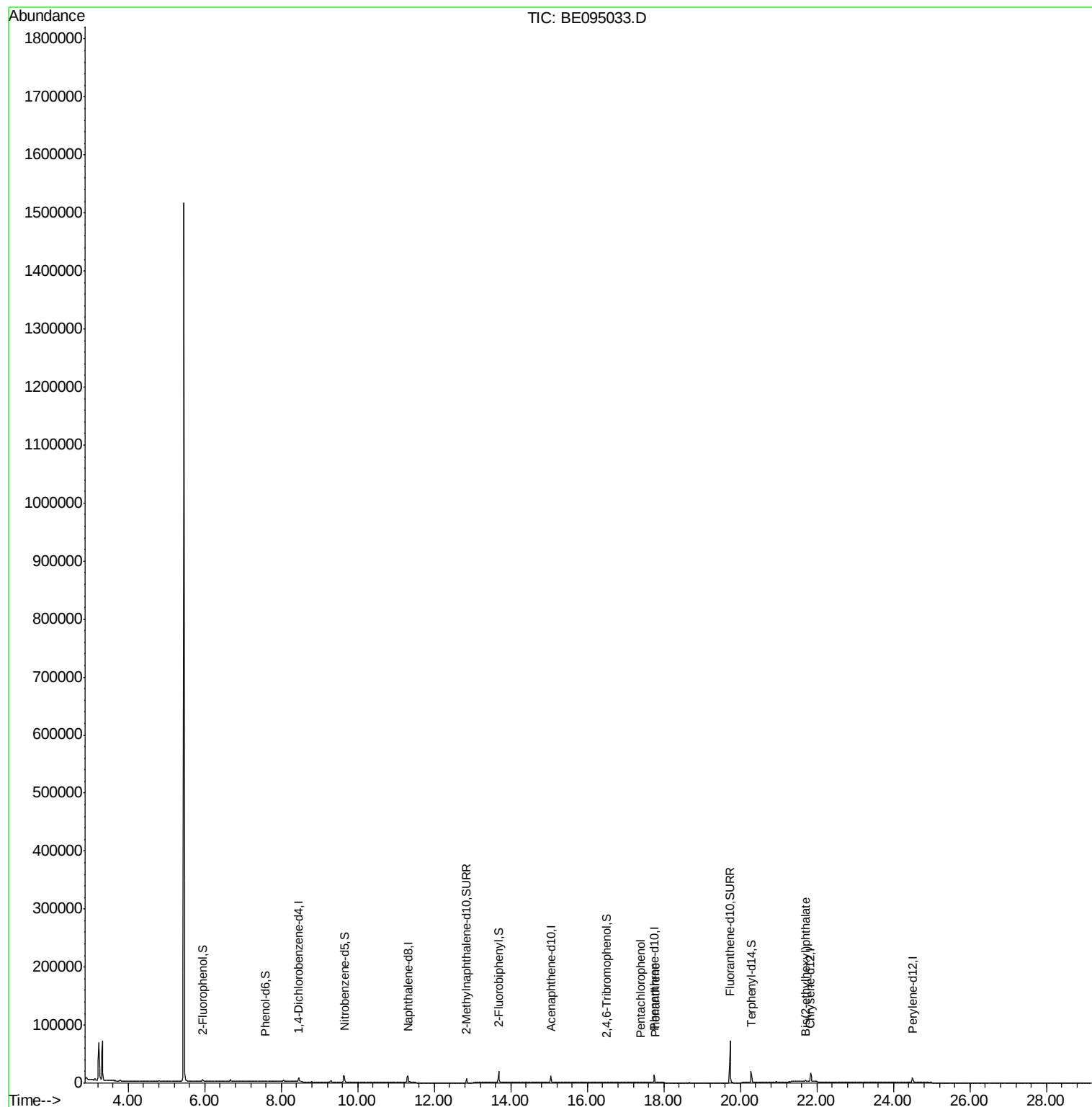
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5588	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	13353	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	7225	0.40	ng	-0.01
19) Phenanthrene-d10	17.74	188	16797	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	16530	0.40	ng	-0.03
34) Perylene-d12	24.50	264	14495	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1385	0.16	ng	0.00
5) Phenol-d6	7.58	99	1160	0.09	ng	0.00
8) Nitrobenzene-d5	9.65	82	5724	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	9689	0.44	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	498	0.30	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	17121	0.53	ng	-0.01
25) Fluoranthene-d10	19.73	212	97852	0.45	ng	-0.02
29) Terphenyl-d14	20.28	244	20745	0.67	ng	-0.03
Target Compounds						
22) Pentachlorophenol	17.39	266	6	0.081	ng	96
23) Phenanthrene	17.79	178	1118	0.021	ng	96
32) Bis(2-ethylhexyl)phthalate	21.70	149	4463	0.073	ng	100

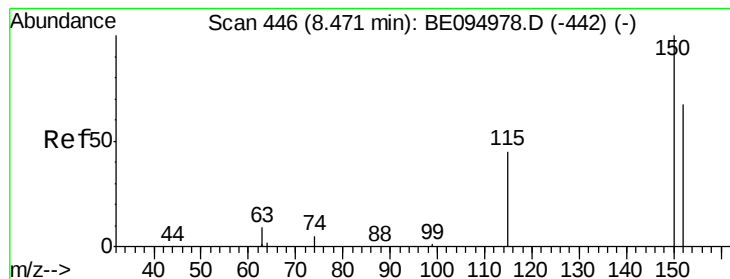
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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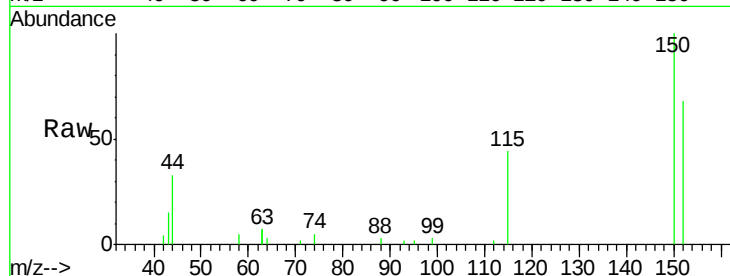


#1

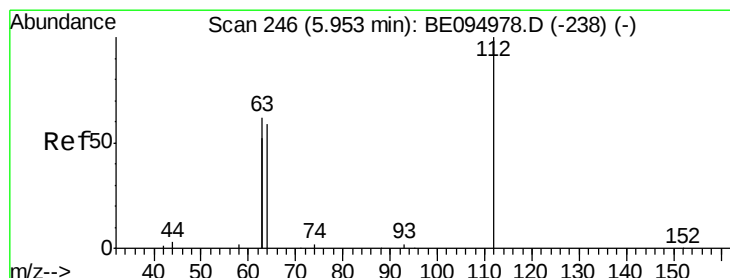
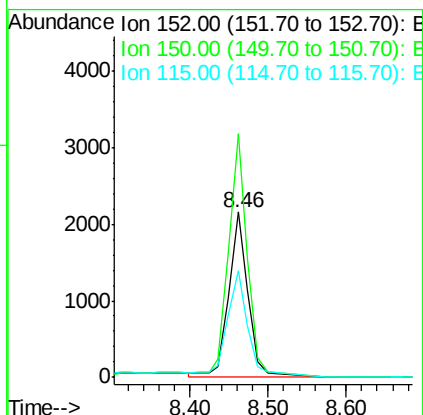
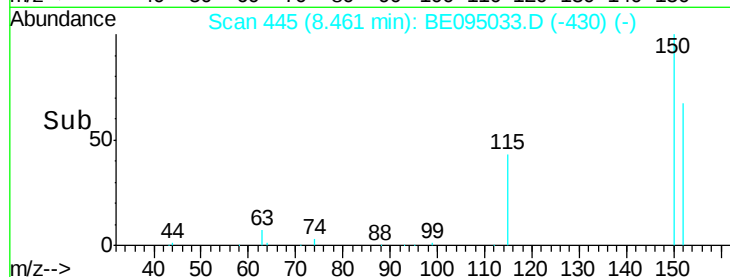
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095033.D
Acq: 19 Dec 2017 15:36

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 5588
Ion Ratio Lower Upper
152 100
150 147.2 117.2 175.8
115 64.5 57.0 85.6



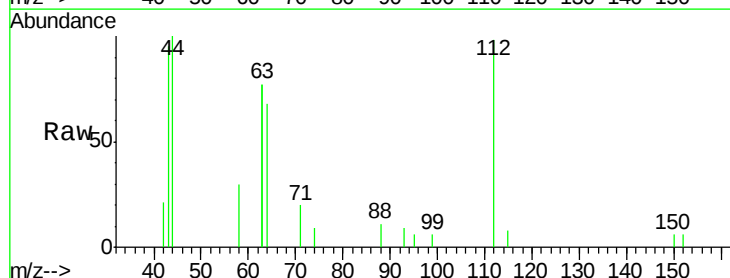
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



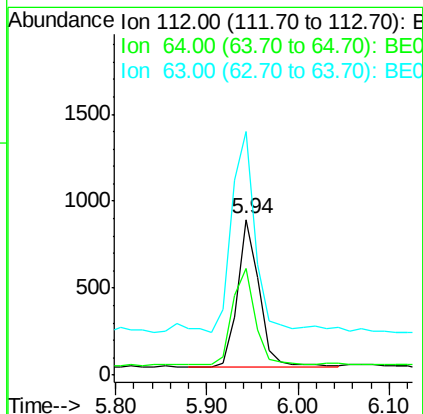
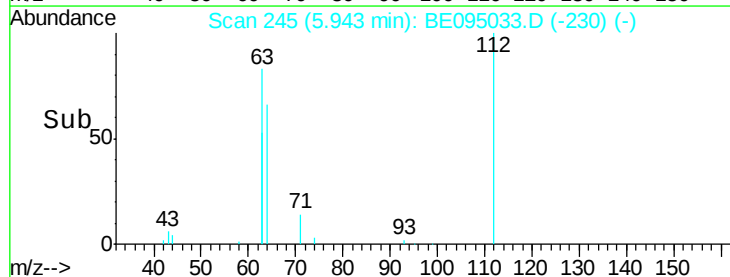
#4

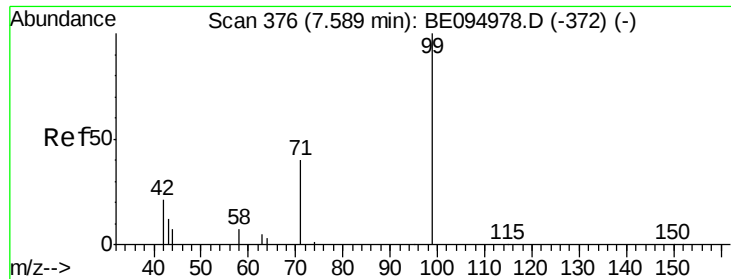
2-Fluorophenol
Concen: 0.160 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095033.D
Acq: 19 Dec 2017 15:36

Tgt Ion:112 Resp: 1385
Ion Ratio Lower Upper
112 100
64 69.0 60.1 90.1
63 139.9 116.8 175.2



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: 0.090 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095033.D

Acq: 19 Dec 2017 15:36

Instrument :

BNA_E

ClientSampleId :

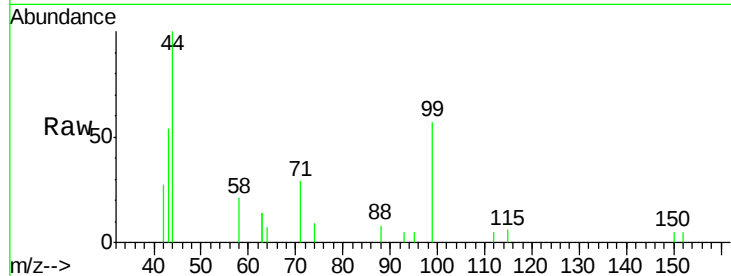
Tot Ion: 99 Resp: 1160

Ion Ratio Lower Upper

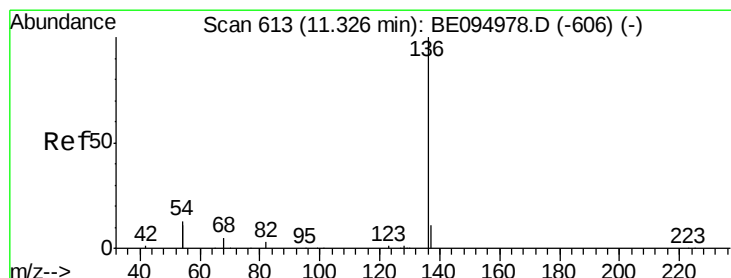
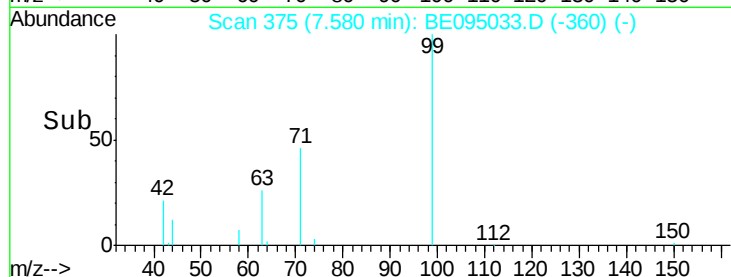
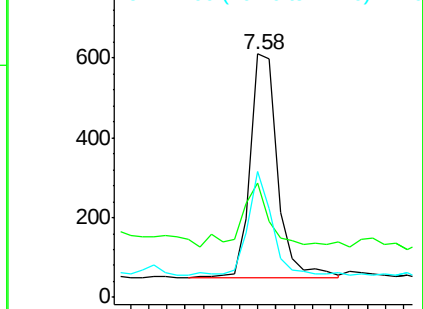
99 100

42 32.1 20.2 30.2#

71 41.6 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: BE095033.D

Acq: 19 Dec 2017 15:36

Tgt Ion: 136 Resp: 13353

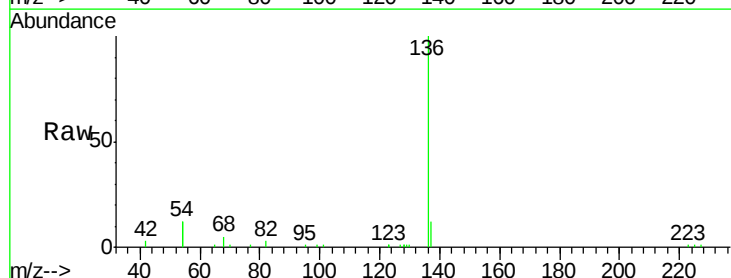
Ion Ratio Lower Upper

136 100

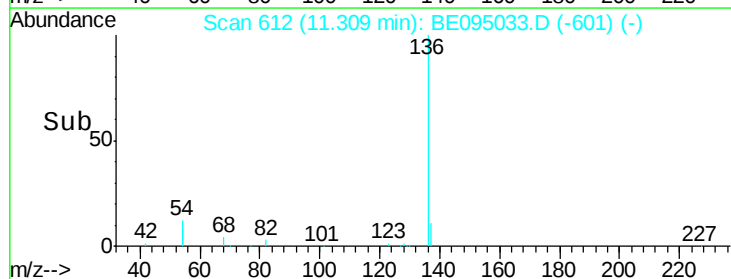
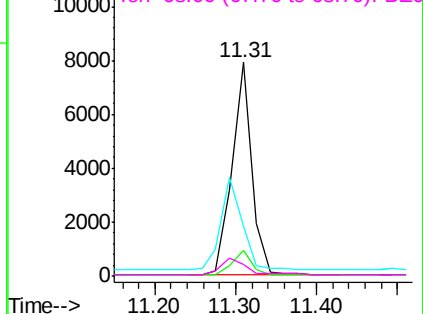
137 11.8 9.5 14.3

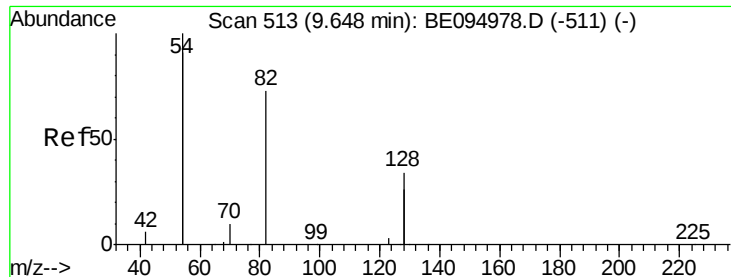
54 23.2 29.1 43.7#

68 5.1 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: 0.522 ng

RT: 9.65 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE095033.D

Acq: 19 Dec 2017 15:36

Instrument :

BNA_E

ClientSampleId :

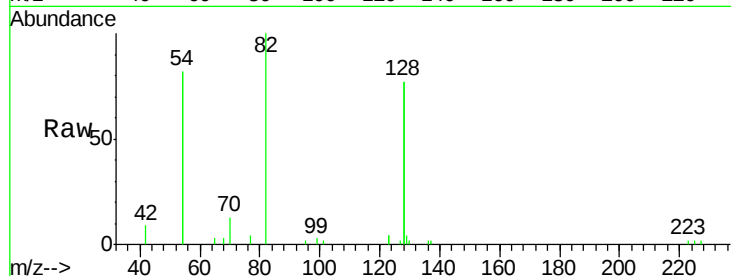
Tot Ion: 82 Resp: 5724

Ion Ratio Lower Upper

82 100

128 153.9 150.0 225.0

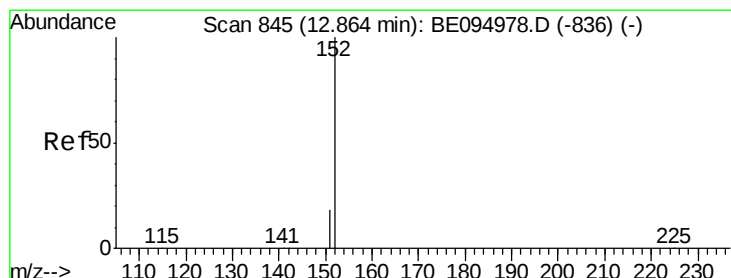
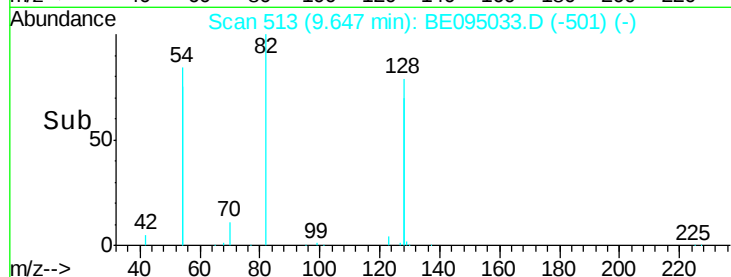
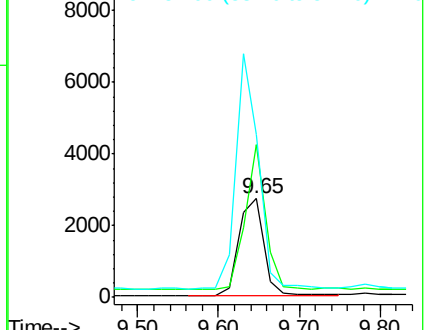
54 164.2 154.2 231.4



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: 0.443 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095033.D

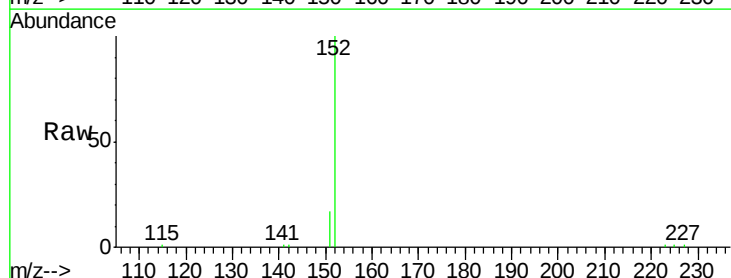
Acq: 19 Dec 2017 15:36

Tgt Ion: 152 Resp: 9689

Ion Ratio Lower Upper

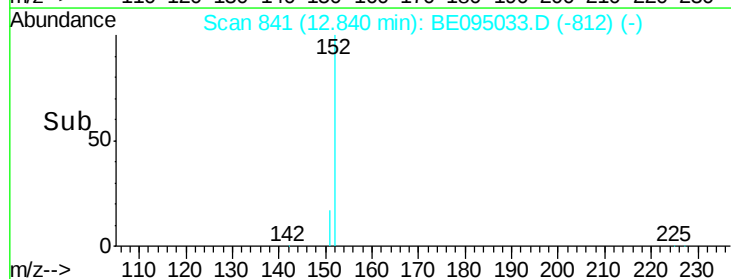
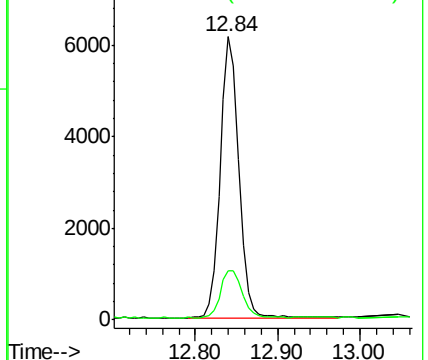
152 100

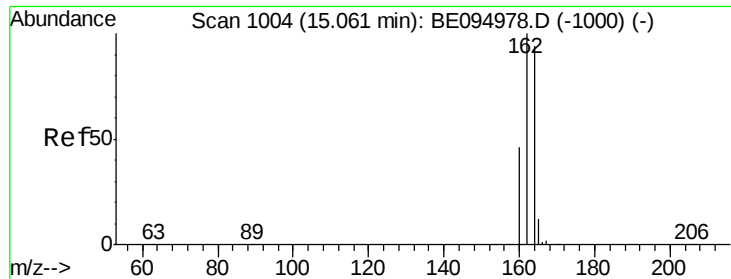
151 19.2 15.4 23.0



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: 15.05 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BE095033.D

Acq: 19 Dec 2017 15:36

Instrument :

BNA_E

ClientSampleId :

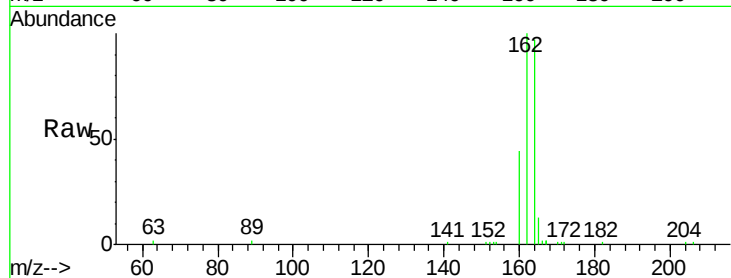
Tot Ion:164 Resp: 7225

Ion Ratio Lower Upper

164 100

162 103.6 83.1 124.7

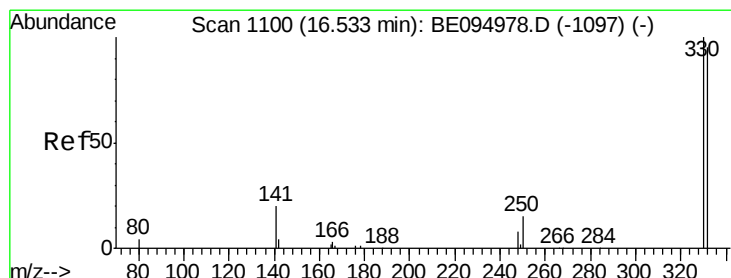
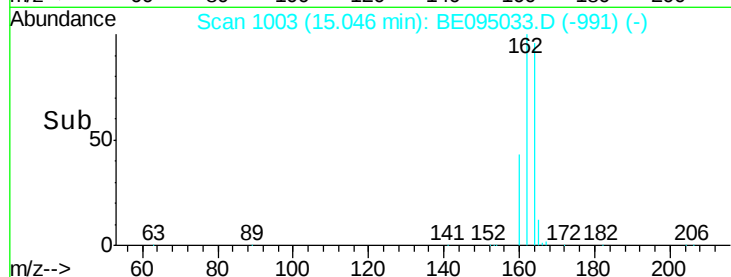
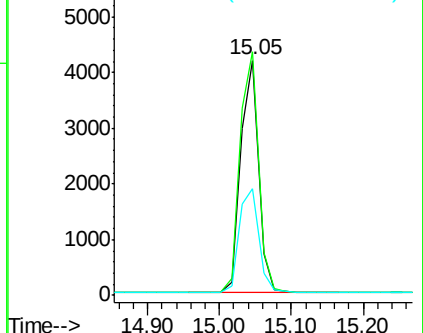
160 45.5 37.1 55.7



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: 0.297 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095033.D

Acq: 19 Dec 2017 15:36

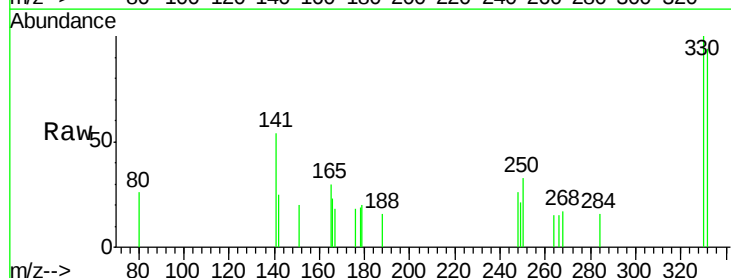
Tgt Ion:330 Resp: 498

Ion Ratio Lower Upper

330 100

332 91.6 152.7 229.1#

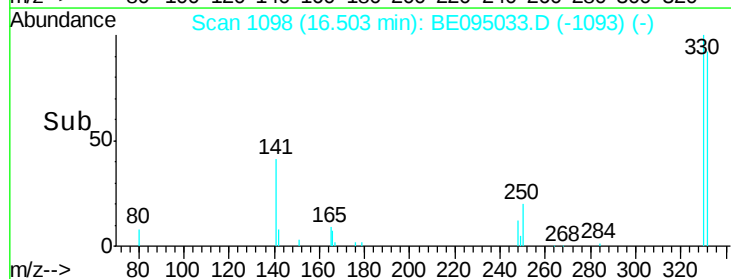
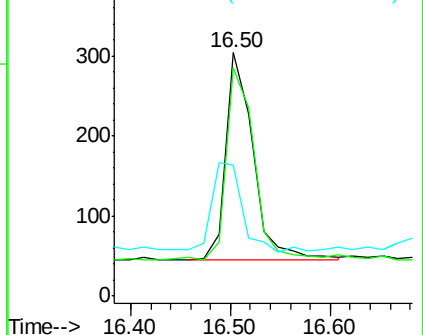
141 47.0 33.7 50.5

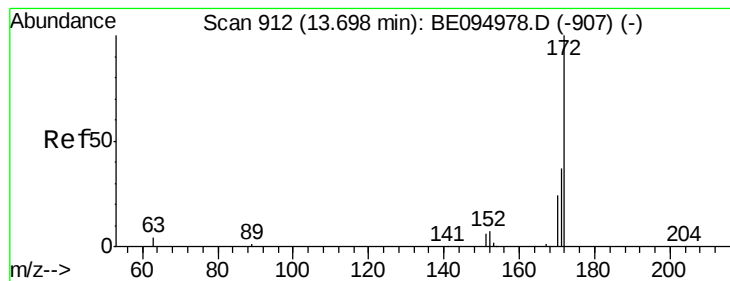


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

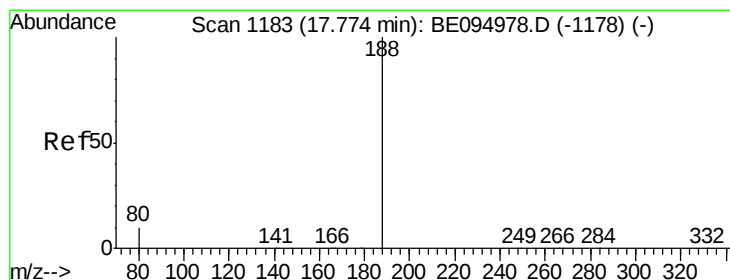
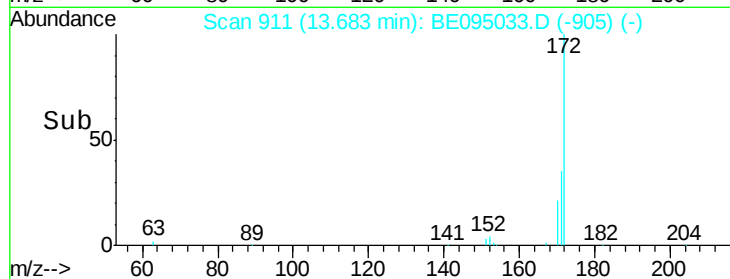
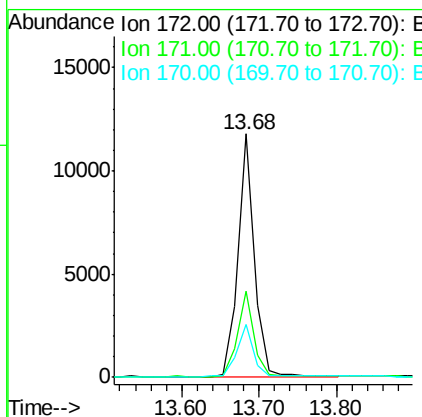
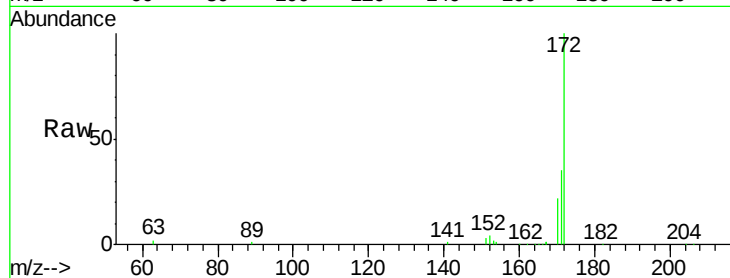




#15
 2-Fluorobiphenyl
 Concen: 0.535 ng
 RT: 13.68 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BE095033.D
 Acq: 19 Dec 2017 15:36

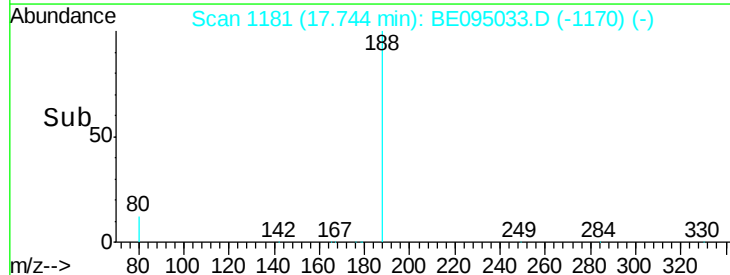
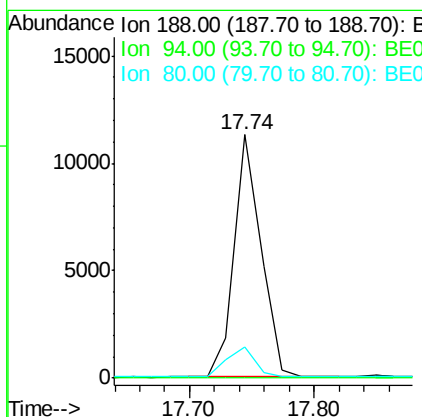
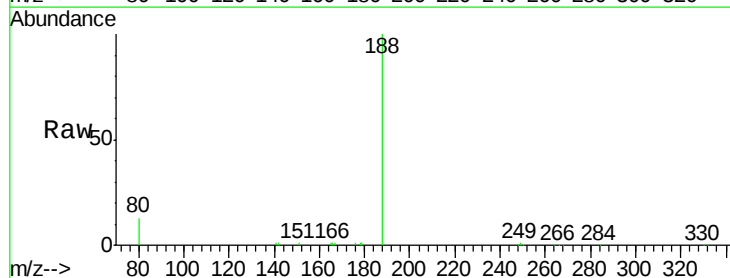
Instrument :
 BNA_E
 ClientSampleId :

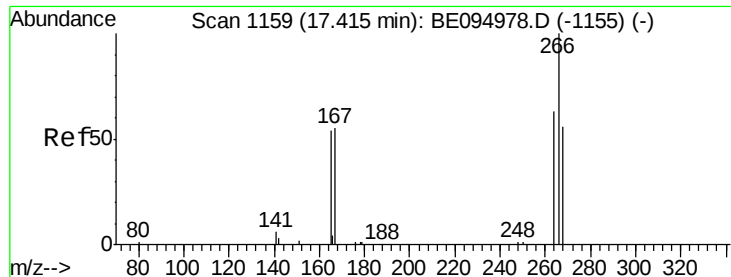
Tot Ion:172 Resp: 17121
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 21.6 21.8 32.8#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.74 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BE095033.D
 Acq: 19 Dec 2017 15:36

Tgt Ion:188 Resp: 16797
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 13.0 3.6 5.4#



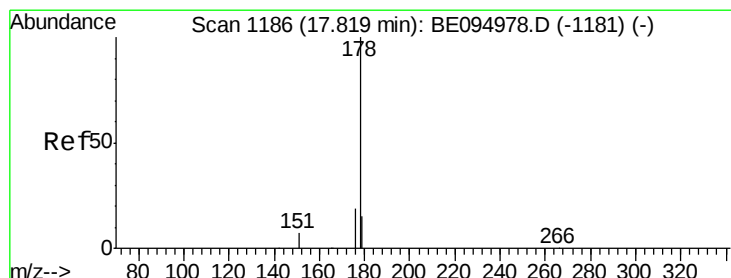
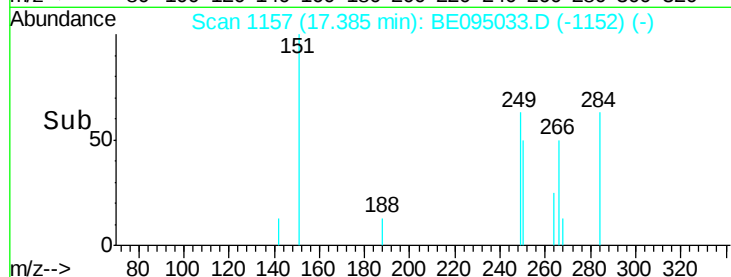
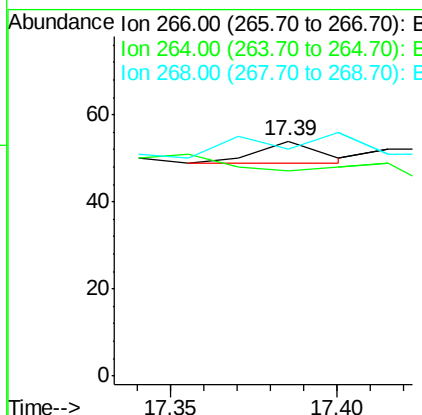
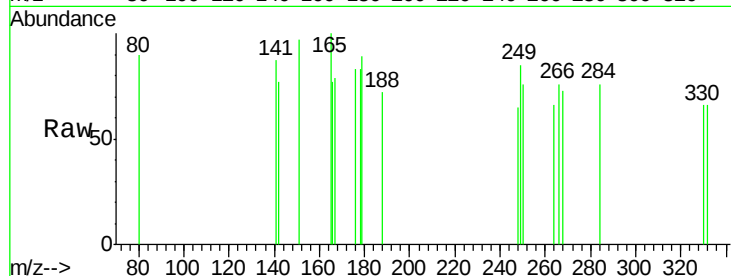


#22
 Pentachlorophenol
 Concen: 0.081 ng
 RT: 17.39 min Scan# 1157
 Delta R.T. -0.03 min
 Lab File: BE095033.D
 Acq: 19 Dec 2017 15:36

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:266 Resp: 6

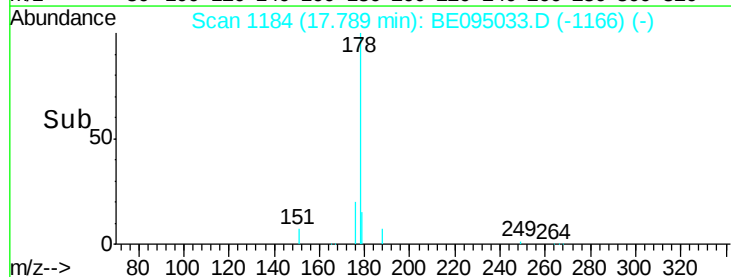
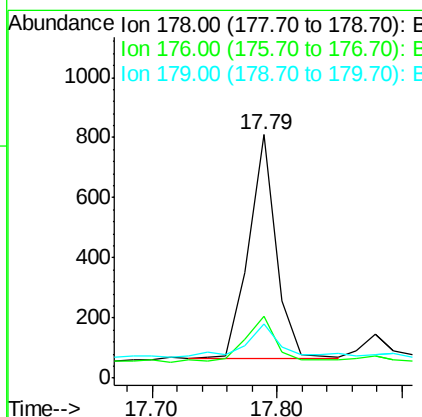
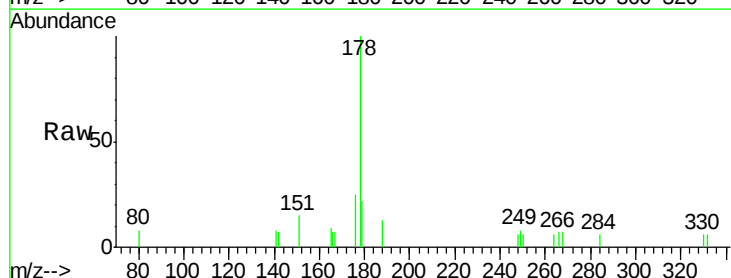
Ion	Ratio	Lower	Upper
266	100		
264	87.0	72.5	108.7
268	96.3	73.8	110.6

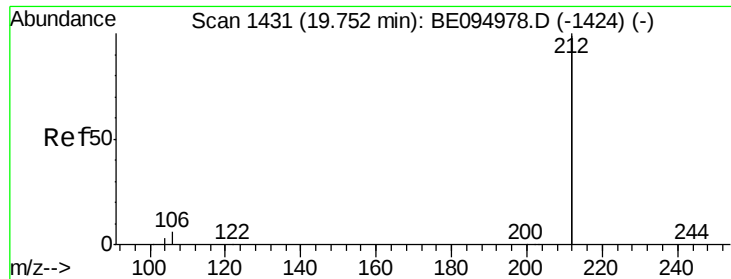


#23
 Phenanthrene
 Concen: 0.021 ng
 RT: 17.79 min Scan# 1184
 Delta R.T. -0.03 min
 Lab File: BE095033.D
 Acq: 19 Dec 2017 15:36

Tgt Ion:178 Resp: 1118

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.1	22.7
179	15.8	11.8	17.6

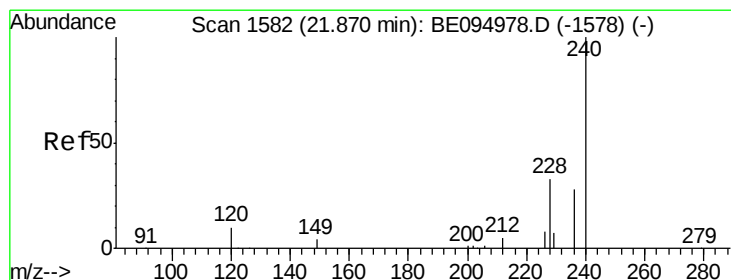
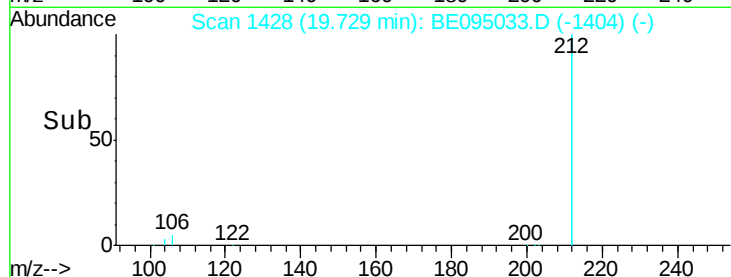
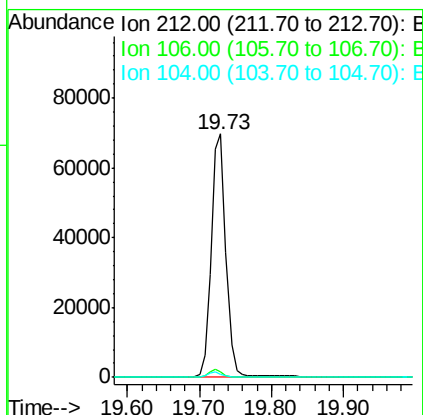
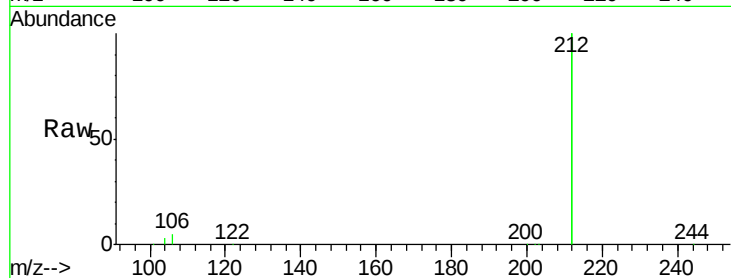




#25
 Fluoranthene-d10
 Concen: 0.449 ng
 RT: 19.73 min Scan# 1428
 Delta R.T. -0.02 min
 Lab File: BE095033.D
 Acq: 19 Dec 2017 15:36

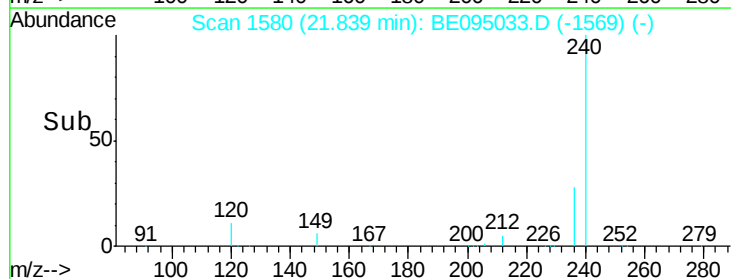
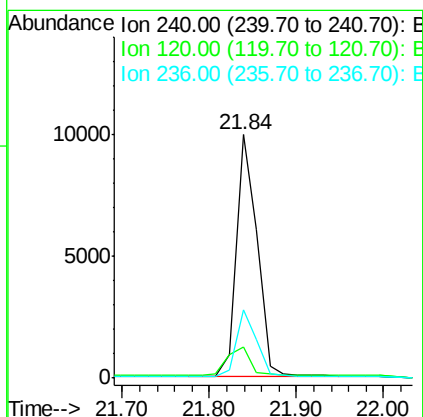
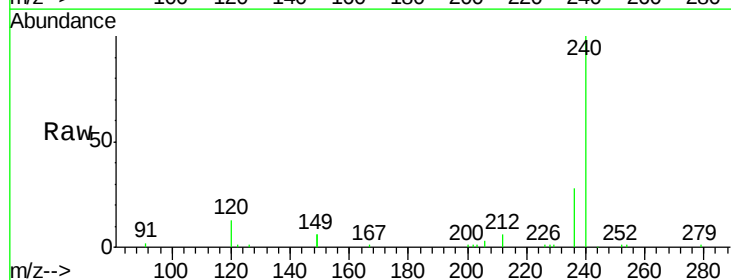
Instrument :
 BNA_E
 ClientSampleId :

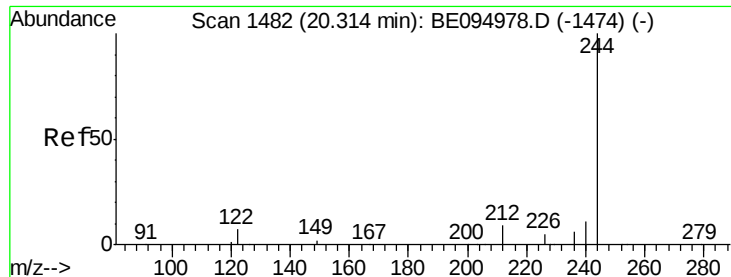
Tot Ion:212 Resp: 97852
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BE095033.D
 Acq: 19 Dec 2017 15:36

Tgt Ion:240 Resp: 16530
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.5 8.3#
 236 28.1 20.7 31.1





#29

Terphenyl-d14

Concen: 0.667 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095033.D

Acq: 19 Dec 2017 15:36

Instrument :

BNA_E

ClientSampleId :

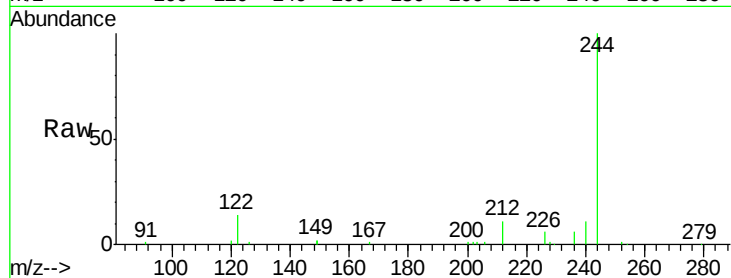
Tot Ion:244 Resp: 20745

Ion Ratio Lower Upper

244 100

212 10.9 25.4 38.0#

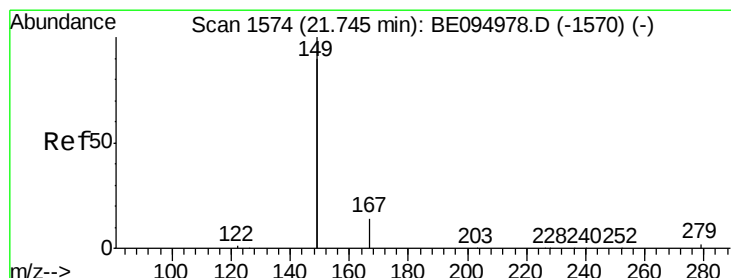
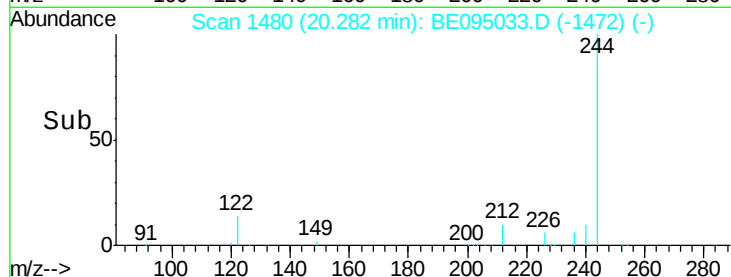
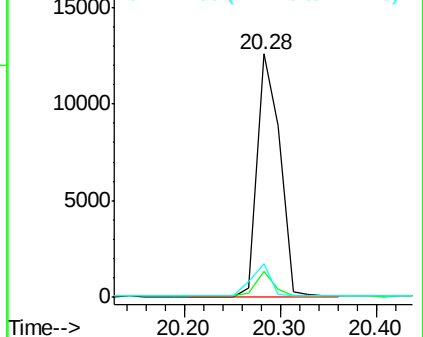
122 14.1 8.1 12.1#



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: 0.073 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095033.D

Acq: 19 Dec 2017 15:36

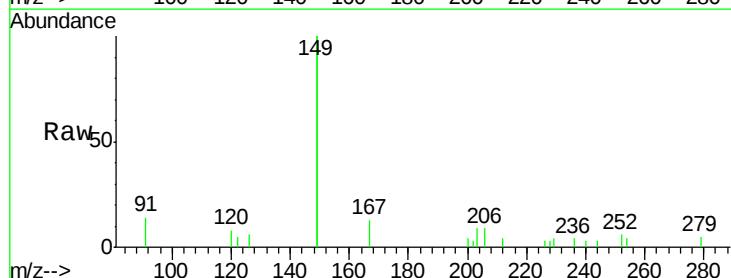
Tgt Ion:149 Resp: 4463

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

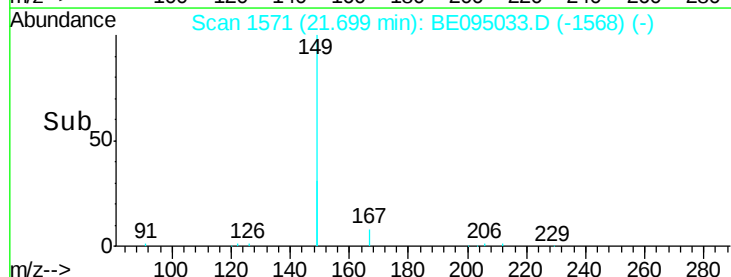
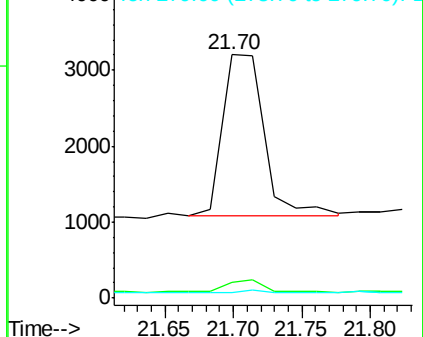
279 1.1 0.7 1.1

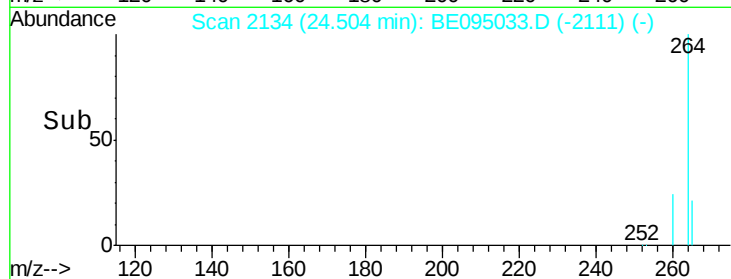
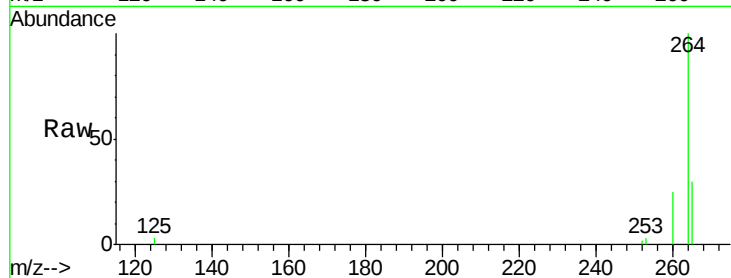
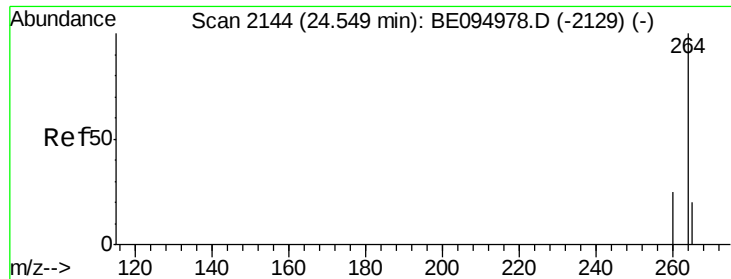


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.50 min Scan# 2134

Delta R.T. -0.05 min

Lab File: BE095033.D

Acq: 19 Dec 2017 15:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 14495

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

265 30.3 22.8 34.2

