

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041318\
 Data File : BE095995.D
 Acq On : 13 Apr 2018 13:55
 Operator : SJ/JU
 Sample : J2308-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 13 14:44:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 14:42:08 2018
 Response via : Initial Calibration

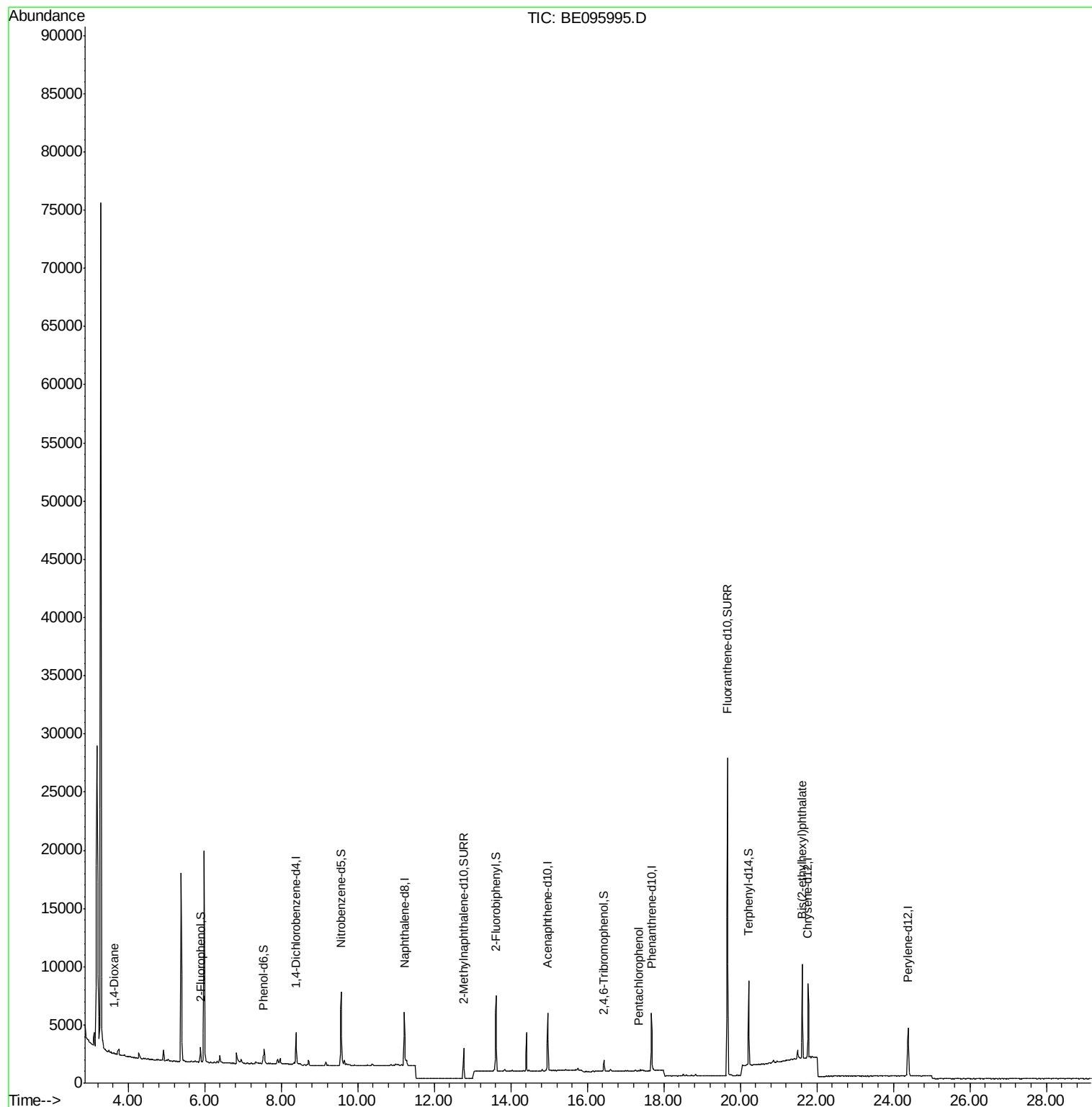
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1309	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4963	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2723	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6554	0.40	ng	0.00
27) Chrysene-d12	21.77	240	6779	0.40	ng	-0.01
34) Perylene-d12	24.39	264	6348	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	636	0.16	ng	0.00
5) Phenol-d6	7.53	99	533	0.10	ng	0.00
8) Nitrobenzene-d5	9.57	82	2455	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	3525	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	539	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	5775	0.50	ng	0.00
25) Fluoranthene-d10	19.66	212	34584	0.39	ng	0.00
29) Terphenyl-d14	20.22	244	6421	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.62	88	83	0.041	ng	# 1
22) Pentachlorophenol	17.33	266	11	0.142	ng	94
32) Bis(2-ethylhexyl)phthalate	21.62	149	9097	0.162	ng	# 99

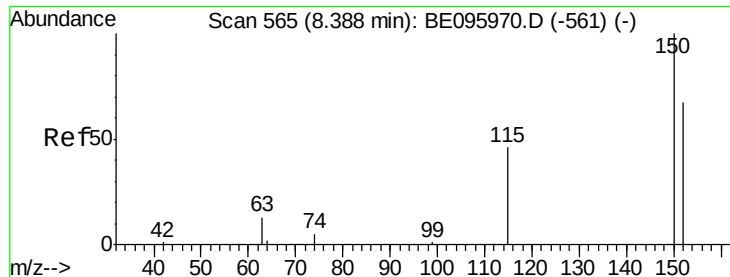
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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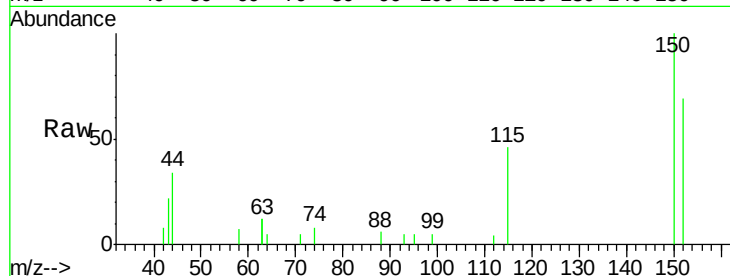


#1

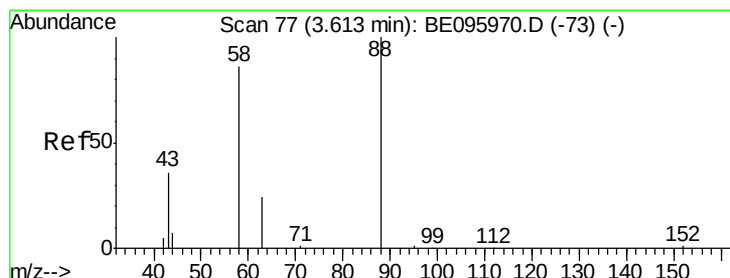
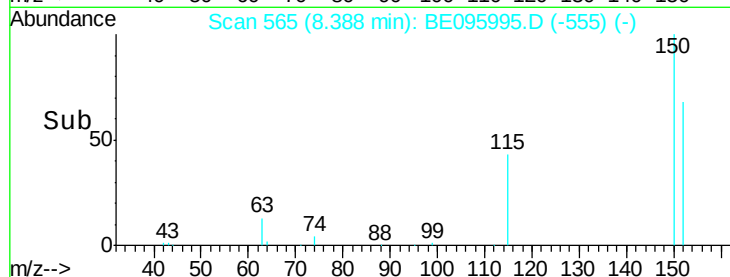
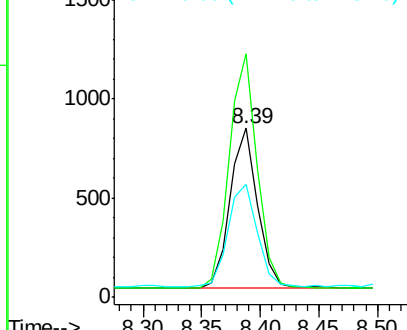
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. 0.00 min
Lab File: BE095995.D
Acq: 13 Apr 2018 13:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1309
Ion Ratio Lower Upper
152 100
150 144.0 117.2 175.8
115 66.7 57.0 85.6



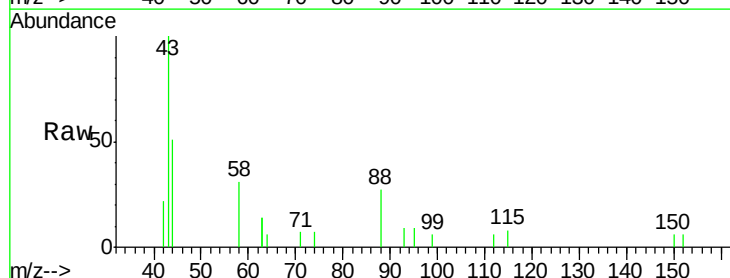
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



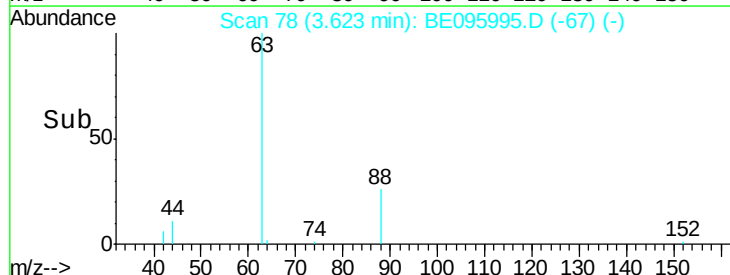
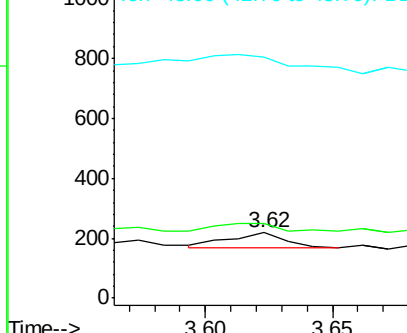
#2

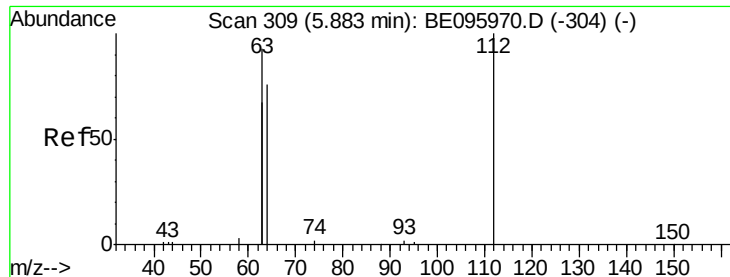
1,4-Dioxane
Concen: 0.041 ng
RT: 3.62 min Scan# 78
Delta R.T. 0.01 min
Lab File: BE095995.D
Acq: 13 Apr 2018 13:55

Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
58 50.6 63.2 94.8#
43 242.2 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.88 min Scan# 309

Delta R.T. 0.00 min

Lab File: BE095995.D

Acq: 13 Apr 2018 13:55

Instrument :

BNA_E

ClientSampled :

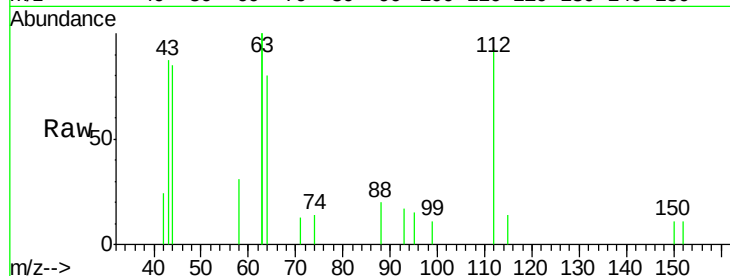
Tot Ion: 112 Resp: 636

Ion Ratio Lower Upper

112 100

64 77.7 60.1 90.1

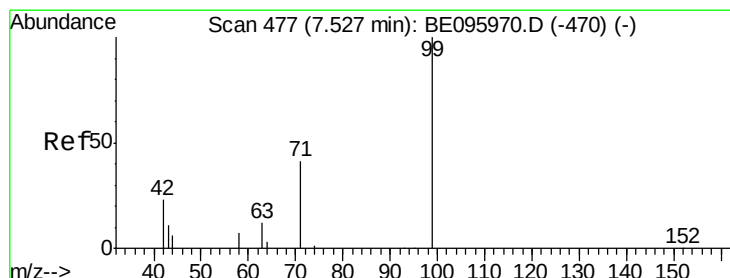
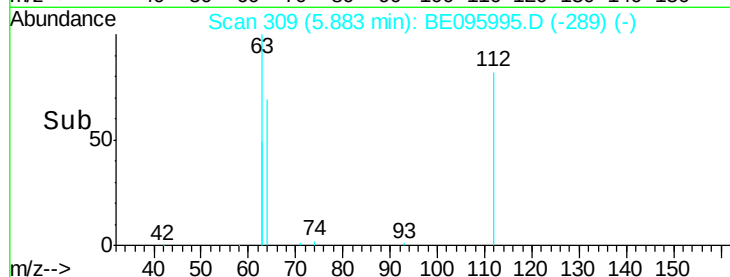
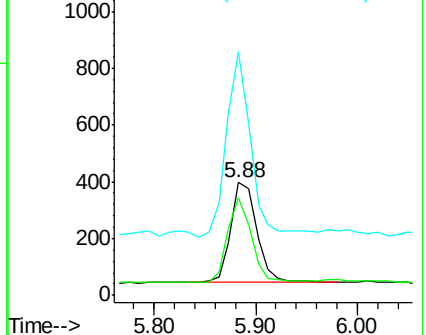
63 173.0 116.8 175.2



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: 0.095 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095995.D

Acq: 13 Apr 2018 13:55

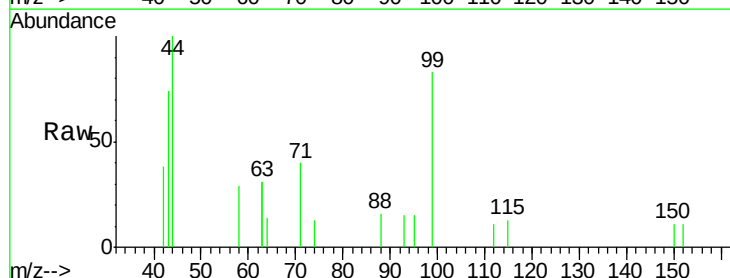
Tgt Ion: 99 Resp: 533

Ion Ratio Lower Upper

99 100

42 37.7 20.2 30.2#

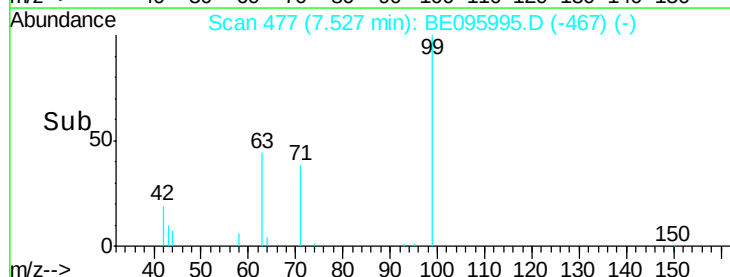
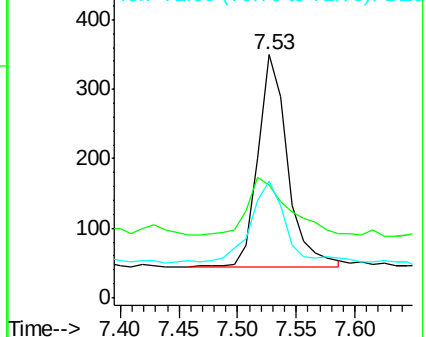
71 41.8 28.4 42.6

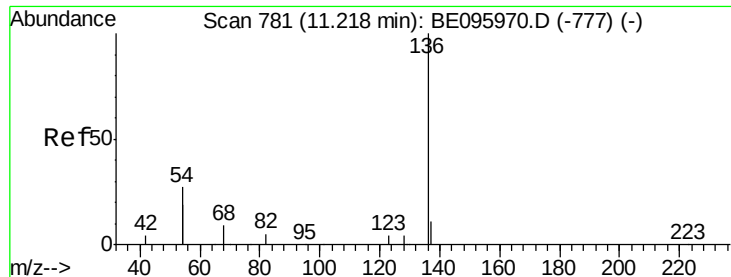


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095995.D

Acq: 13 Apr 2018 13:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4963

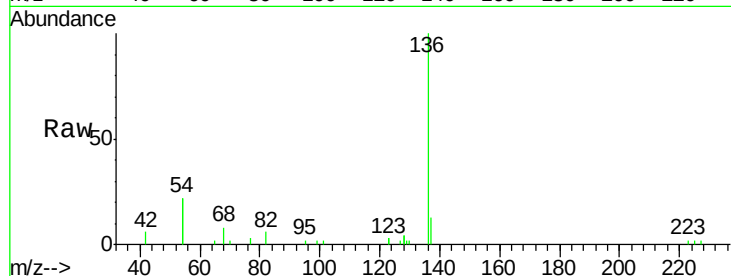
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 43.4 29.1 43.7

68 8.4 6.2 9.2

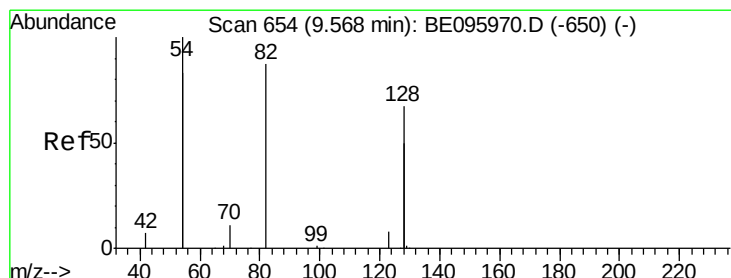
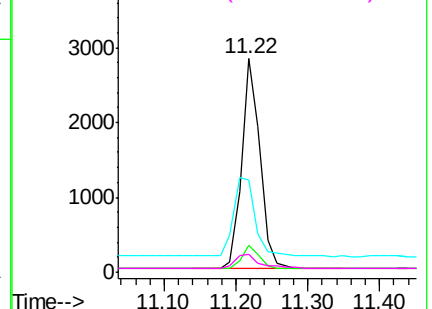
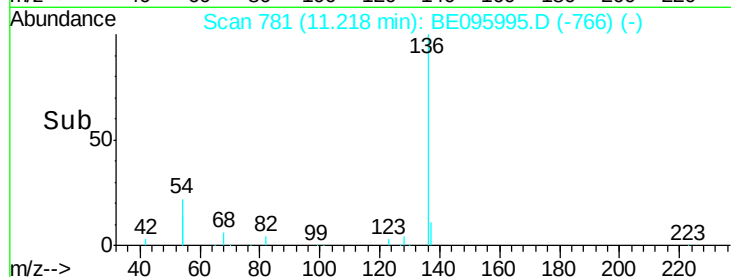


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.422 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095995.D

Acq: 13 Apr 2018 13:55

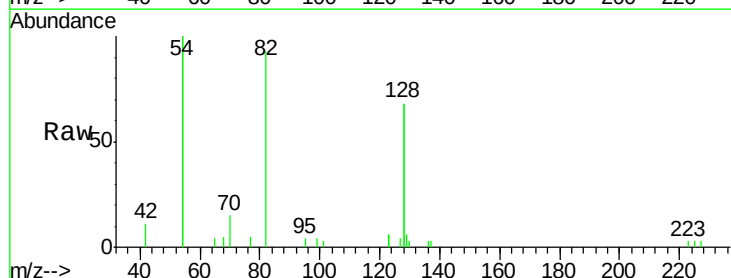
Tgt Ion: 82 Resp: 2455

Ion Ratio Lower Upper

82 100

128 146.1 150.0 225.0#

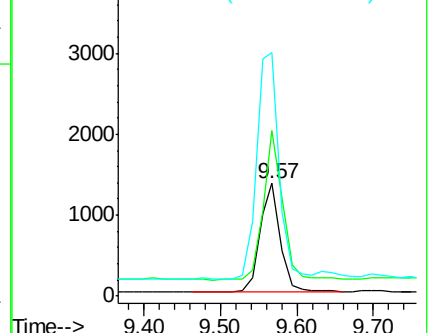
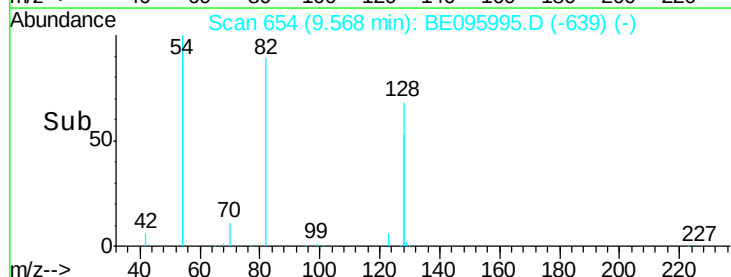
54 215.6 154.2 231.4

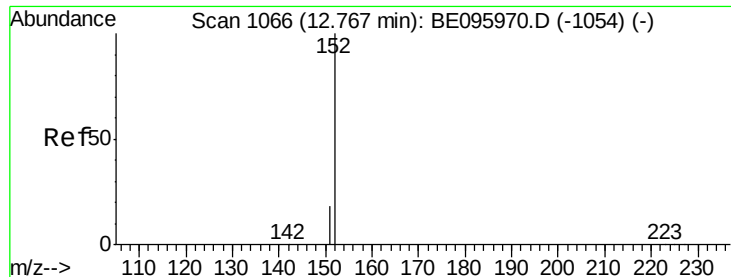


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

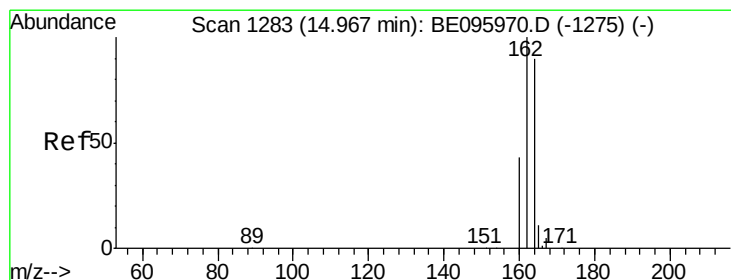
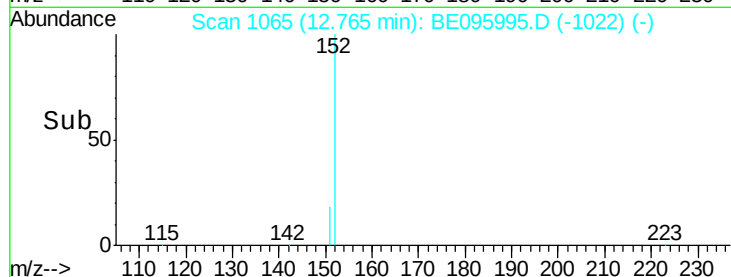
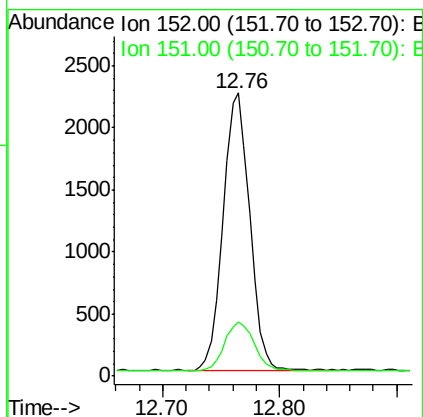
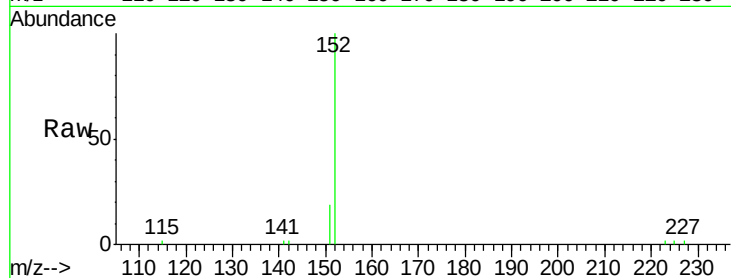




#11
 2-Methylnaphthalene-d10
 Concen: 0.448 ng
 RT: 12.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE095995.D
 Acq: 13 Apr 2018 13:55

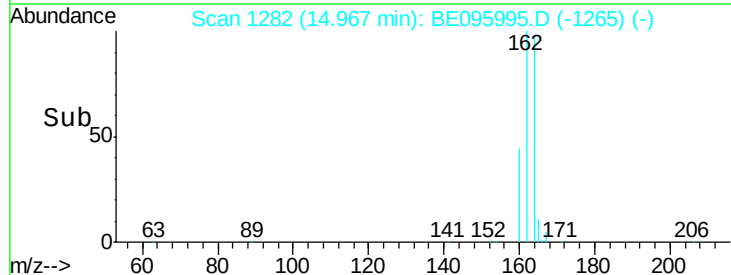
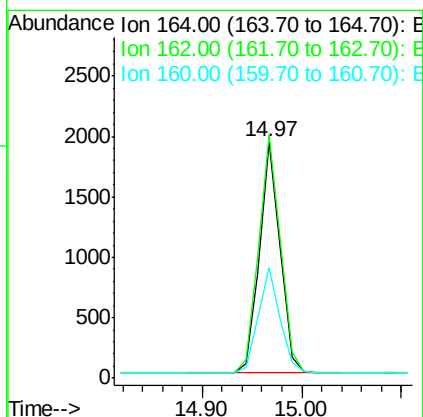
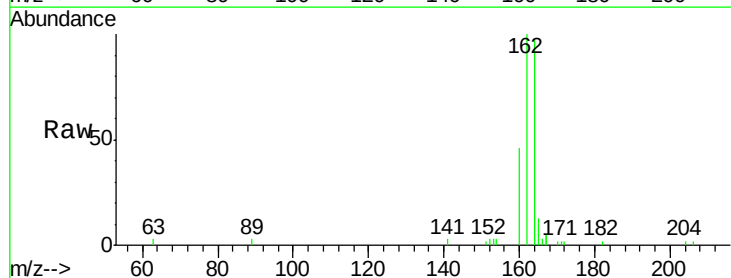
Instrument :
 BNA_E
 ClientSampled :

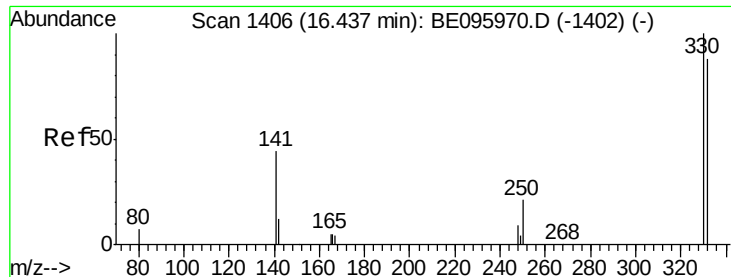
Tot Ion:152 Resp: 3525
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.97 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BE095995.D
 Acq: 13 Apr 2018 13:55

Tgt Ion:164 Resp: 2723
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.1 124.7
 160 47.0 37.1 55.7

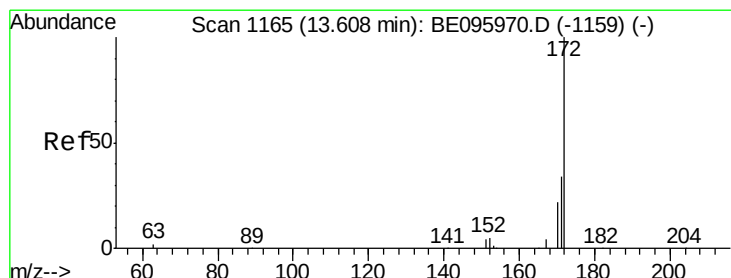
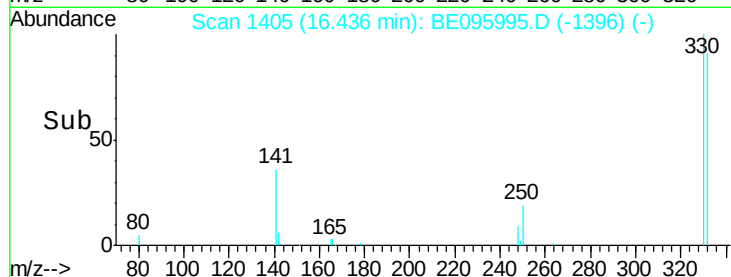
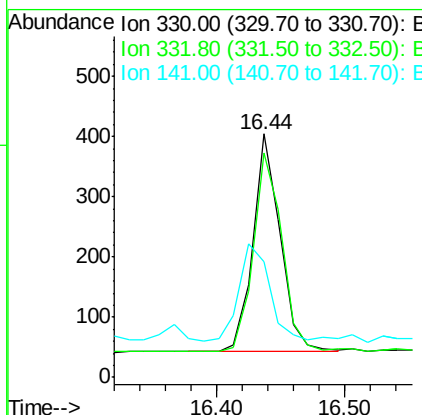
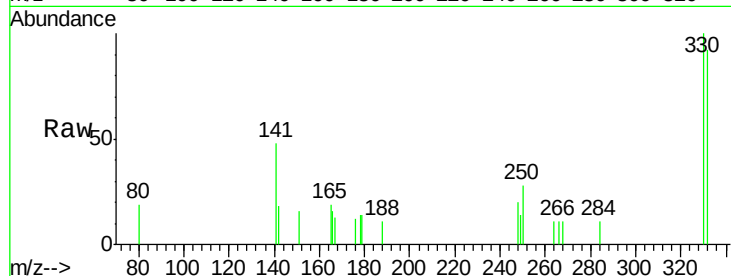




#14
2,4,6-Tribromophenol
Concen: 0.410 ng
RT: 16.44 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE095995.D
Acq: 13 Apr 2018 13:55

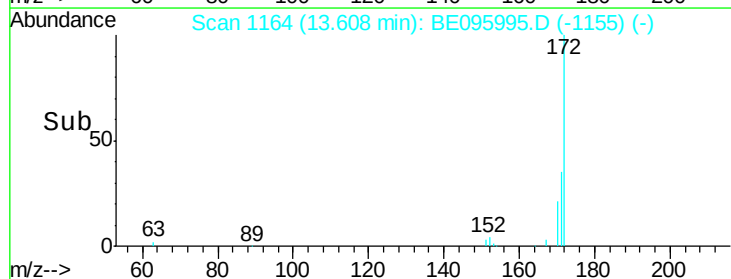
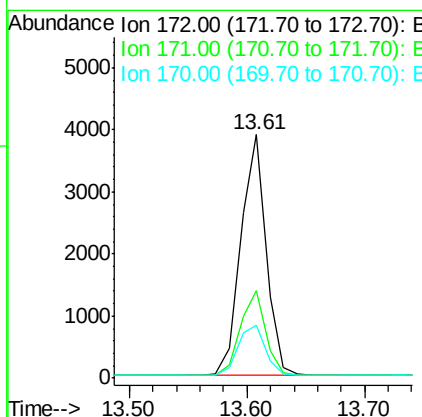
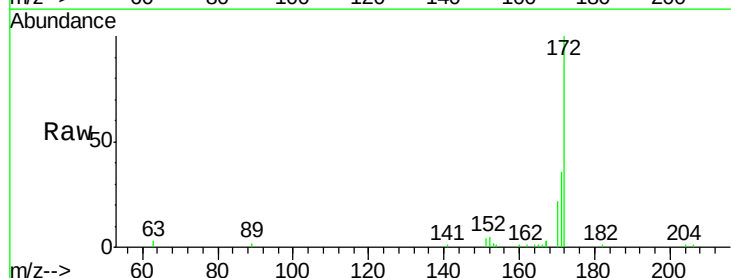
Instrument :
BNA_E
ClientSampled :

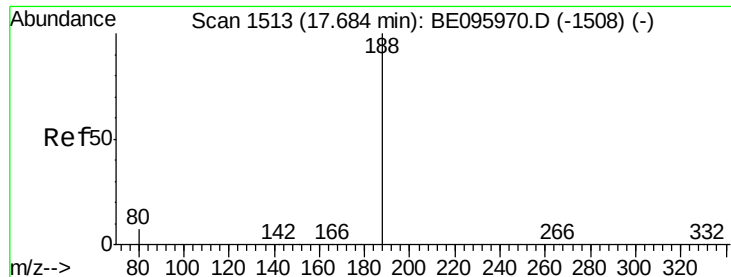
Tot Ion:330 Resp: 539
Ion Ratio Lower Upper
330 100
332 94.2 152.7 229.1#
141 49.2 33.7 50.5



#15
2-Fluorobiphenyl
Concen: 0.496 ng
RT: 13.61 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BE095995.D
Acq: 13 Apr 2018 13:55

Tgt Ion:172 Resp: 5775
Ion Ratio Lower Upper
172 100
171 35.8 29.9 44.9
170 21.8 21.8 32.8#

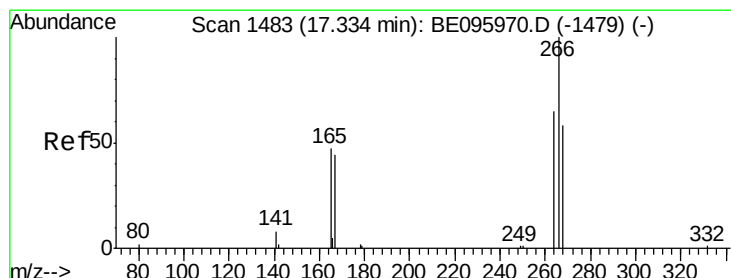
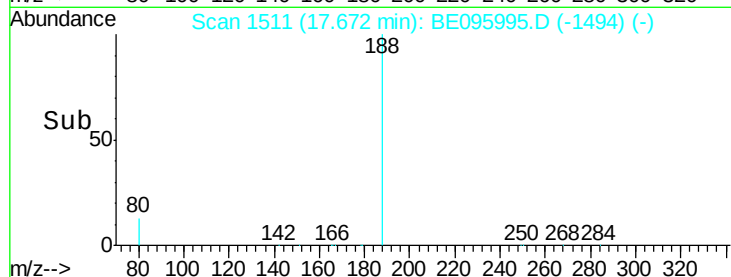
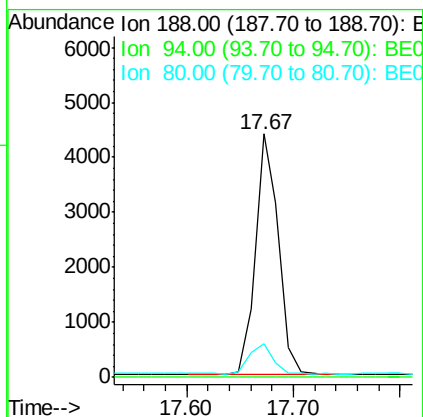
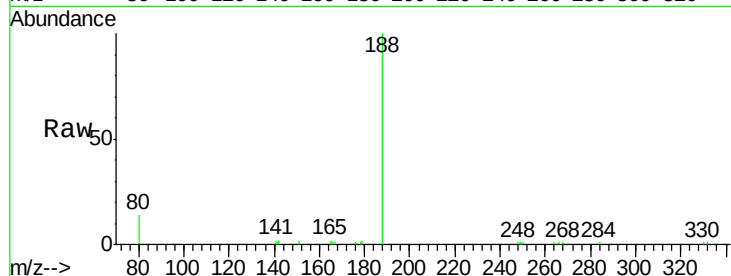




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.67 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BE095995.D
Acq: 13 Apr 2018 13:55

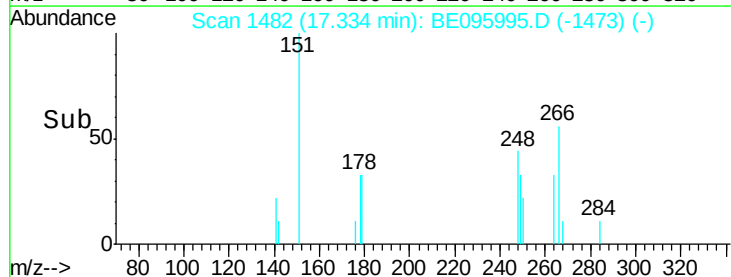
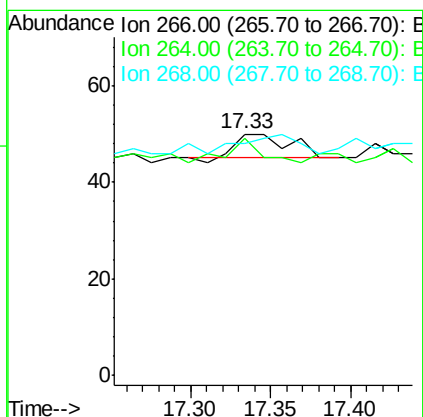
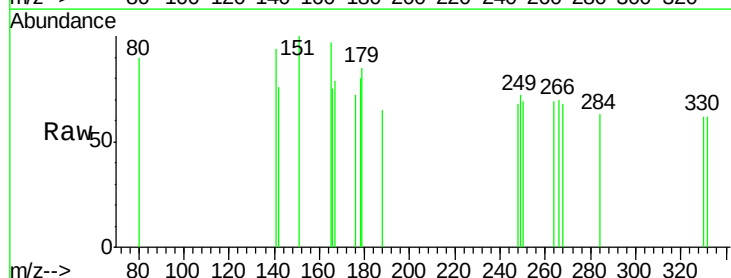
Instrument :
BNA_E
ClientSampleId :

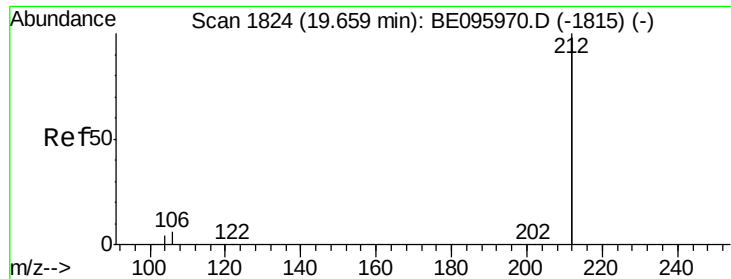
Tot Ion:188 Resp: 6554
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.0 3.6 5.4#



#22
Pentachlorophenol
Concen: 0.142 ng
RT: 17.33 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE095995.D
Acq: 13 Apr 2018 13:55

Tgt Ion:266 Resp: 11
Ion Ratio Lower Upper
266 100
264 98.0 72.5 108.7
268 96.0 73.8 110.6

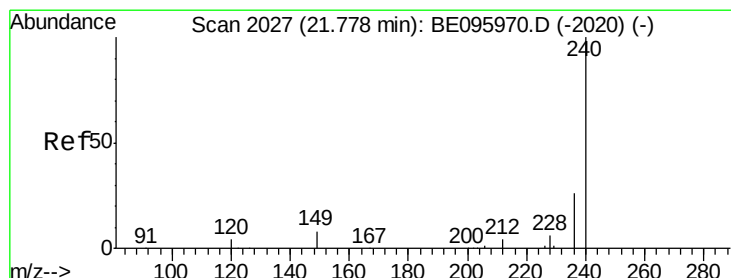
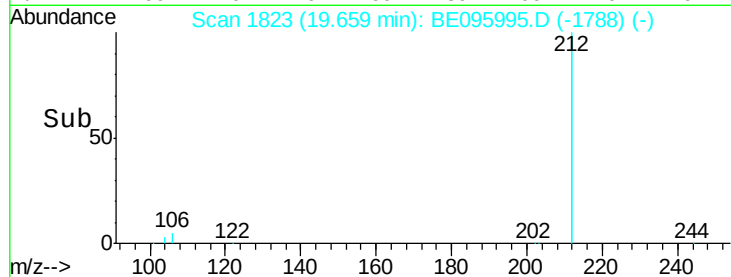
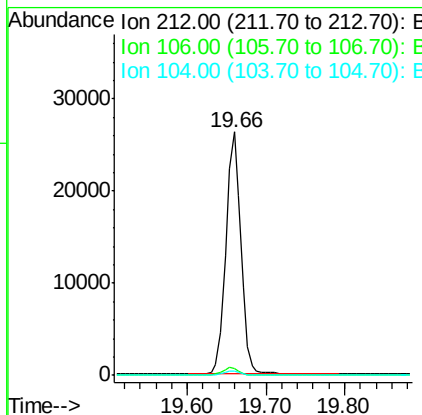
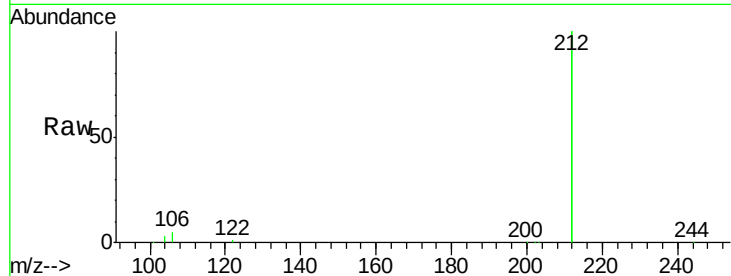




#25
 Fluoranthene-d10
 Concen: 0.389 ng
 RT: 19.66 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE095995.D
 Acq: 13 Apr 2018 13:55

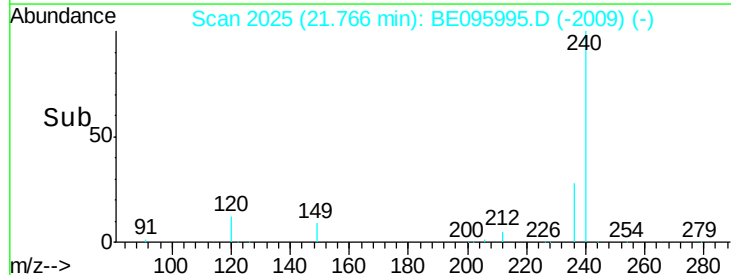
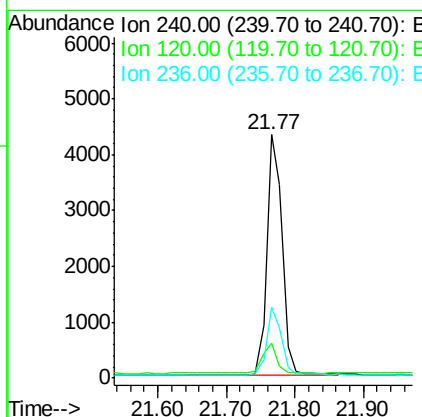
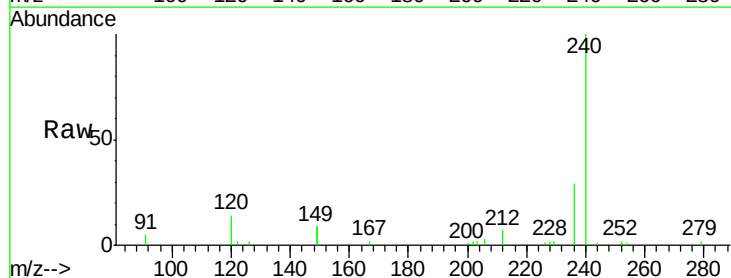
Instrument :
 BNA_E
 ClientSampleId :

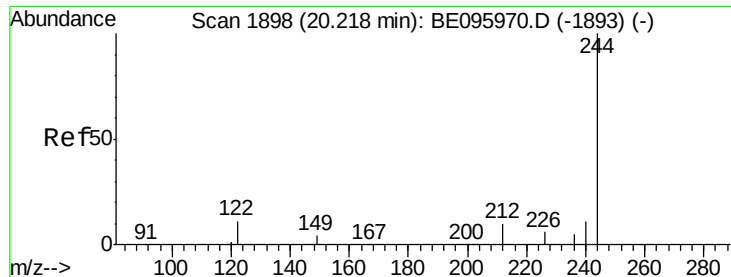
Tot Ion:212 Resp: 34584
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.77 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BE095995.D
 Acq: 13 Apr 2018 13:55

Tgt Ion:240 Resp: 6779
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.5 8.3#
 236 28.9 20.7 31.1





#29

Terphenyl-d14

Concen: 0.429 ng

RT: 20.22 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BE095995.D

Acq: 13 Apr 2018 13:55

Instrument :

BNA_E

ClientSampleId :

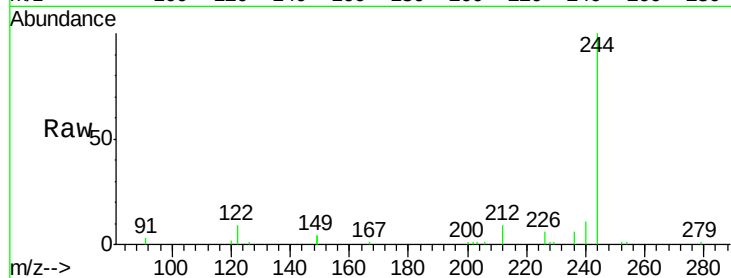
Tot Ion:244 Resp: 6421

Ion Ratio Lower Upper

244 100

212 9.4 25.4 38.0#

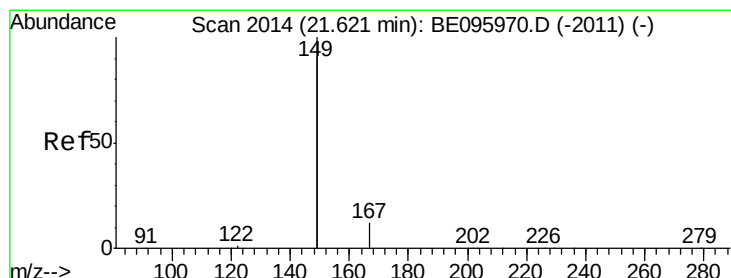
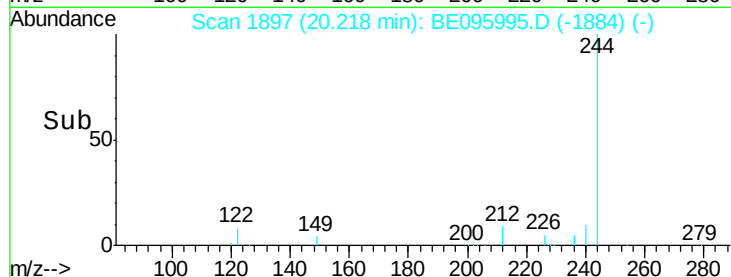
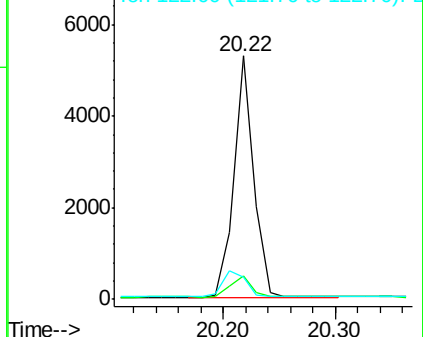
122 8.9 8.1 12.1



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: 0.162 ng

RT: 21.62 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE095995.D

Acq: 13 Apr 2018 13:55

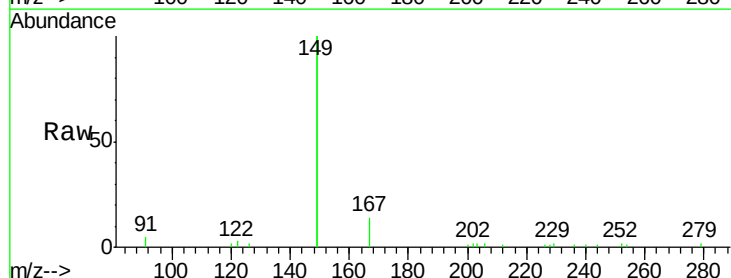
Tgt Ion:149 Resp: 9097

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

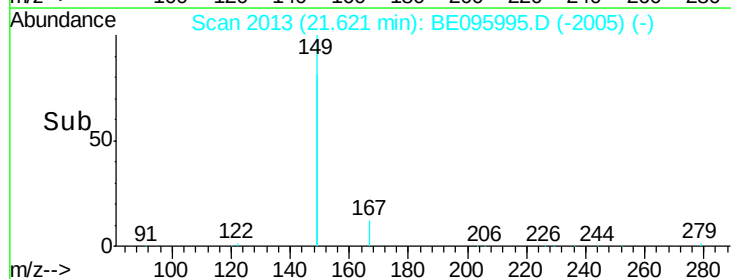
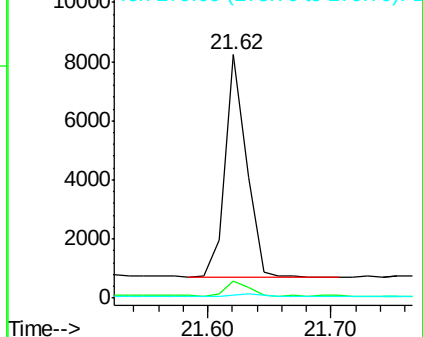
279 1.4 0.7 1.1#

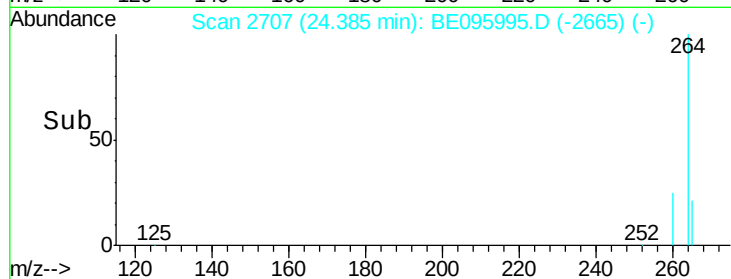
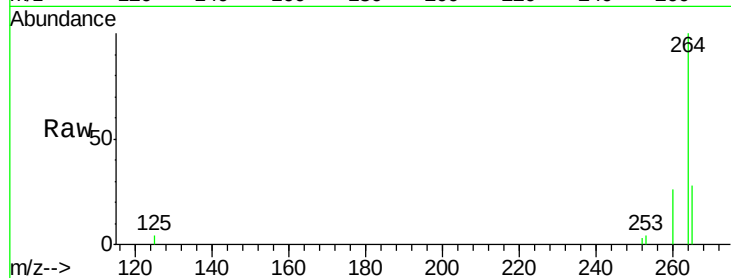
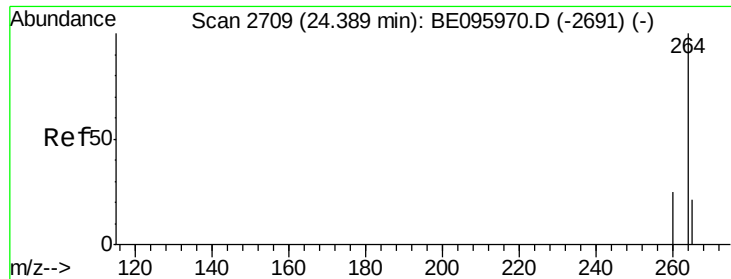


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.39 min Scan# 2707
 Delta R.T. -0.00 min
 Lab File: BE095995.D
 Acq: 13 Apr 2018 13:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	6348
Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	28.2	22.8	34.2

