

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041318\
 Data File : BE095996.D
 Acq On : 13 Apr 2018 14:31
 Operator : SJ/JU
 Sample : J2308-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 13 15:33:56 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

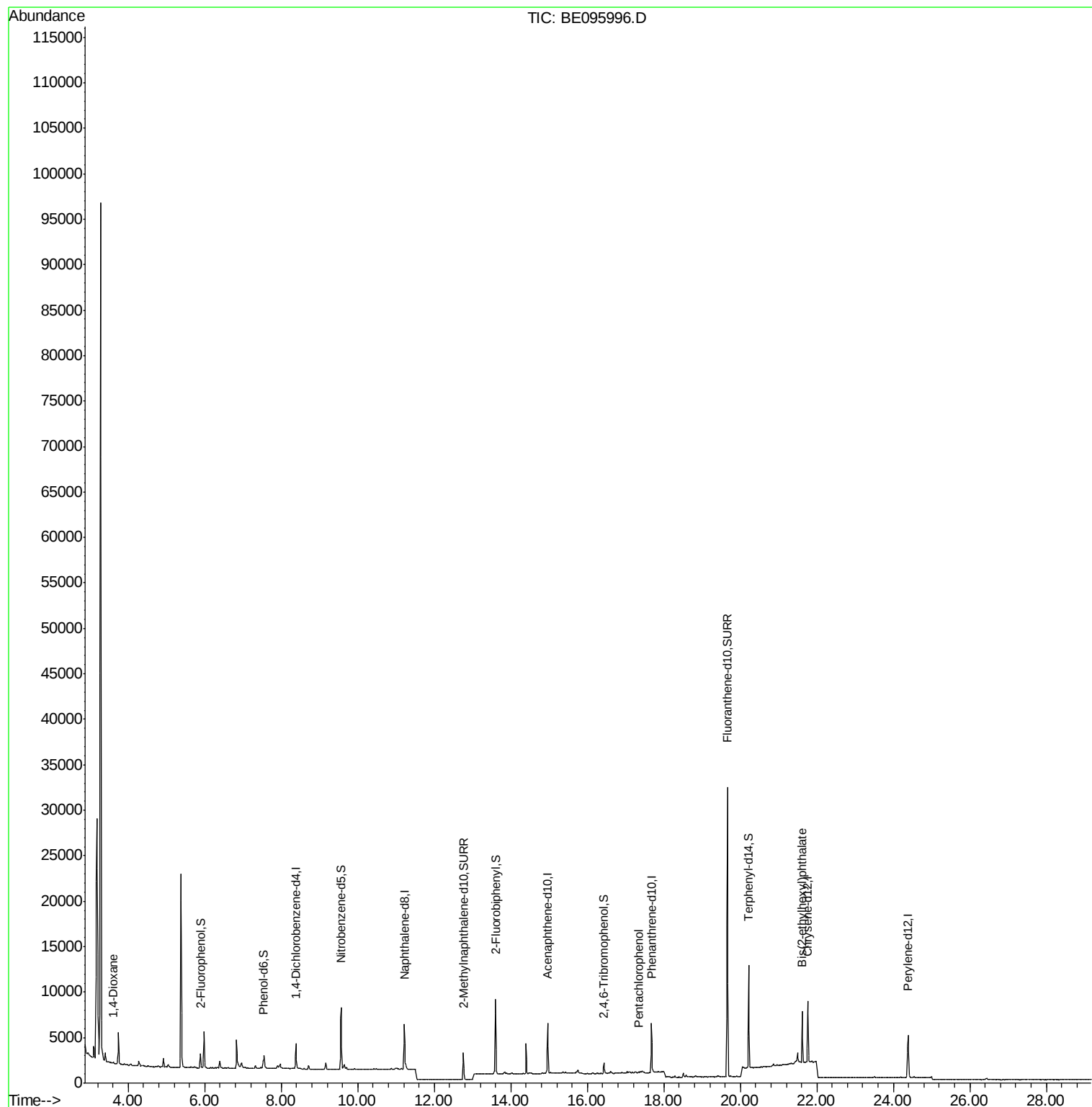
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1423	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5403	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	3004	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	7036	0.40	ng	0.00
27) Chrysene-d12	21.76	240	7374	0.40	ng	-0.01
34) Perylene-d12	24.38	264	7026	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	766	0.17	ng	0.00
5) Phenol-d6	7.53	99	634	0.10	ng	0.00
8) Nitrobenzene-d5	9.57	82	2761	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	3827	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	644	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	7560	0.59	ng	0.00
25) Fluoranthene-d10	19.66	212	40578	0.42	ng	0.00
29) Terphenyl-d14	20.22	244	9781	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.62	88	87	0.040	ng	Qvalue # 1
22) Pentachlorophenol	17.35	266	23	0.147	ng	100
32) Bis(2-ethylhexyl)phthalate	21.62	149	6276	0.103	ng	100

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

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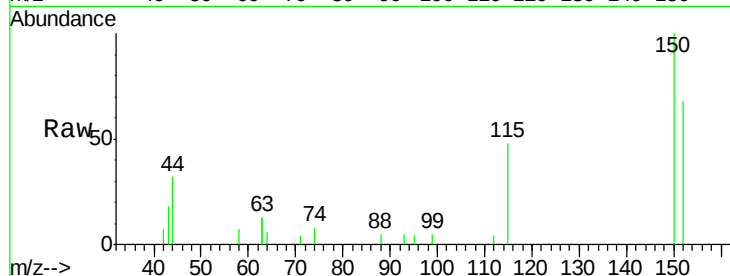


#1

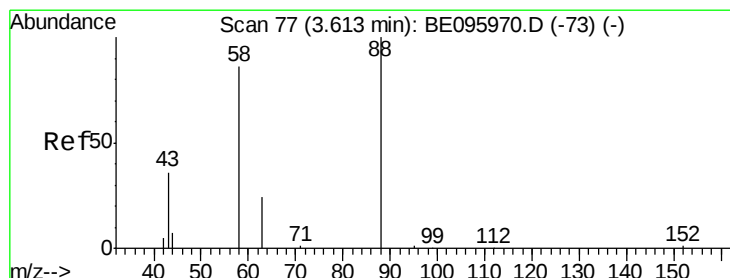
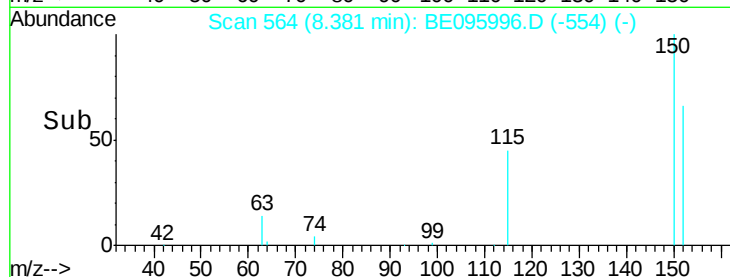
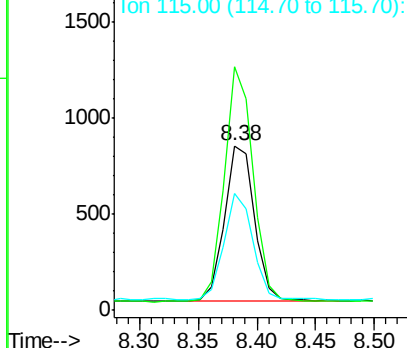
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.38 min Scan# 564
Delta R.T. -0.01 min
Lab File: BE095996.D
Acq: 13 Apr 2018 14:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1423
Ion Ratio Lower Upper
152 100
150 147.7 117.2 175.8
115 71.1 57.0 85.6



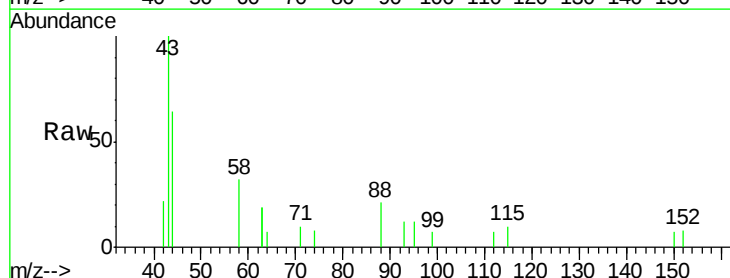
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



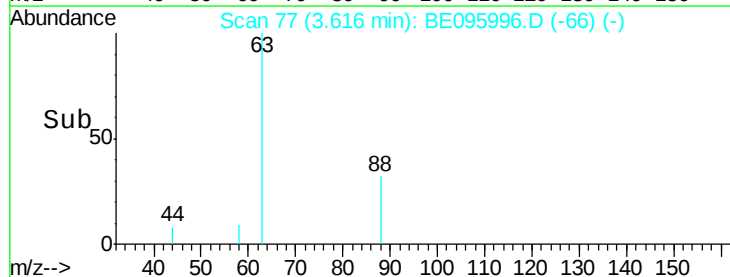
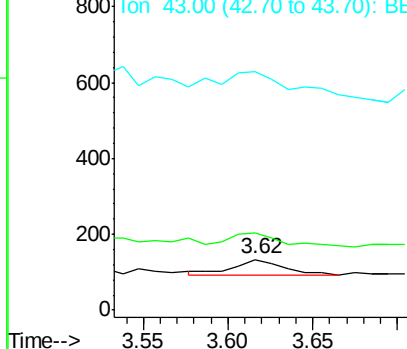
#2

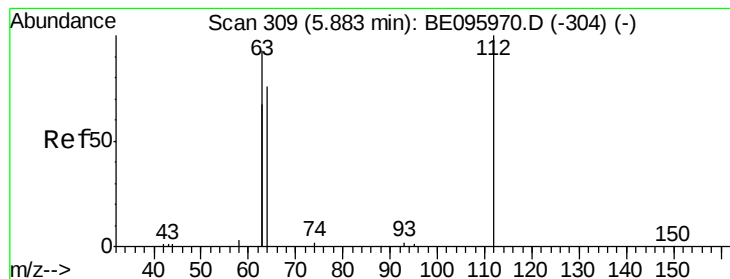
1,4-Dioxane
Concen: 0.040 ng
RT: 3.62 min Scan# 77
Delta R.T. 0.00 min
Lab File: BE095996.D
Acq: 13 Apr 2018 14:31

Tgt Ion: 88 Resp: 87
Ion Ratio Lower Upper
88 100
58 92.0 63.2 94.8
43 227.6 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: 0.174 ng

RT: 5.89 min Scan# 309

Delta R.T. 0.00 min

Lab File: BE095996.D

Acq: 13 Apr 2018 14:31

Instrument :

BNA_E

ClientSampleId :

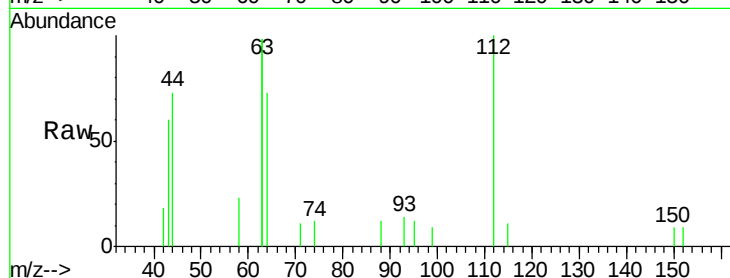
Tot Ion:112 Resp: 766

Ion Ratio Lower Upper

112 100

64 75.1 60.1 90.1

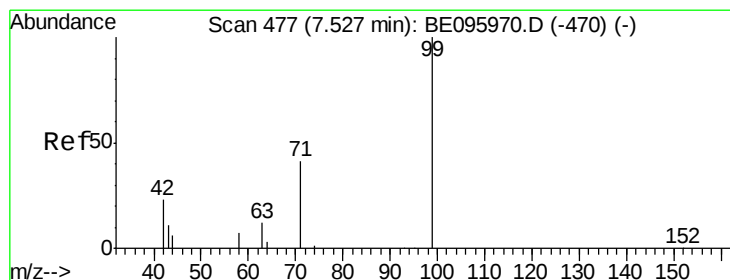
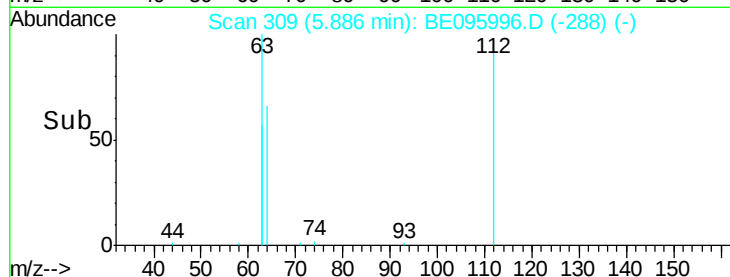
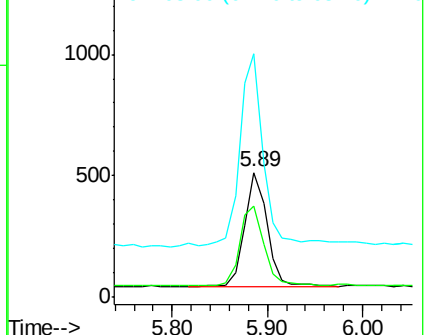
63 177.7 116.8 175.2#



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: 0.104 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095996.D

Acq: 13 Apr 2018 14:31

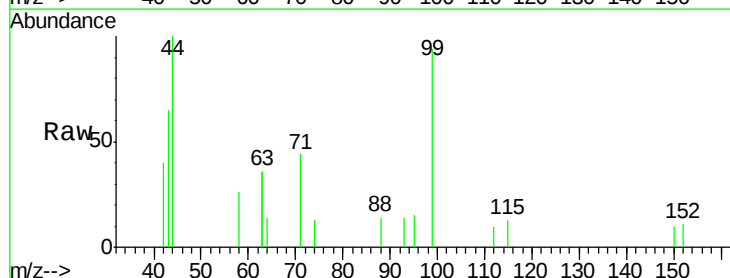
Tgt Ion: 99 Resp: 634

Ion Ratio Lower Upper

99 100

42 31.5 20.2 30.2#

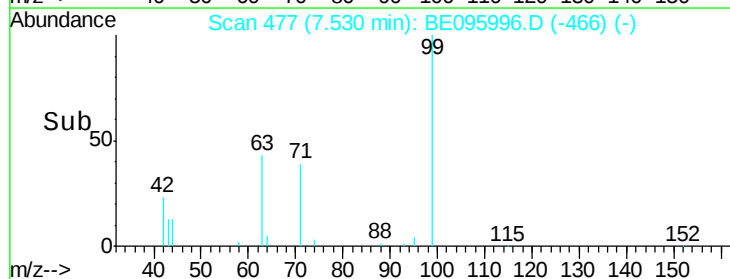
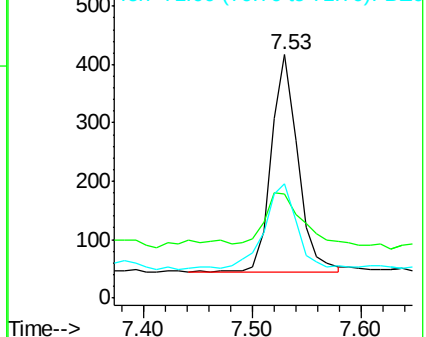
71 47.0 28.4 42.6#

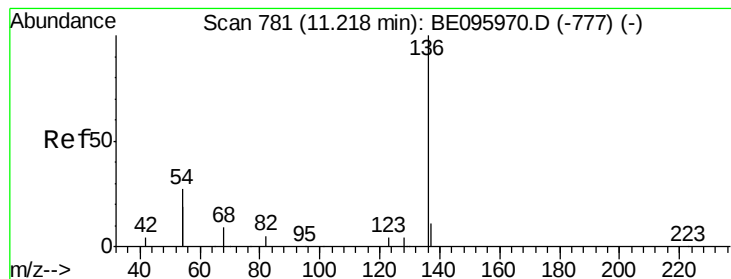


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE095996.D

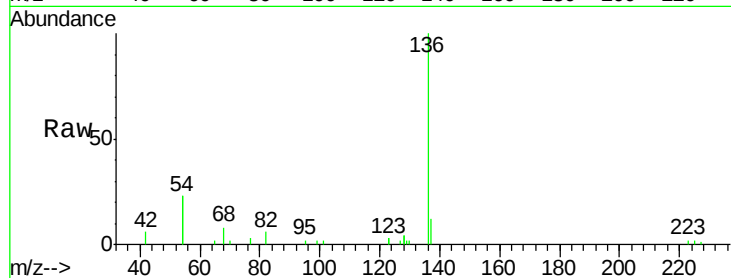
Acq: 13 Apr 2018 14:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	5403
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.5 14.3
54	46.9	29.1 43.7#
68	8.4	6.2 9.2

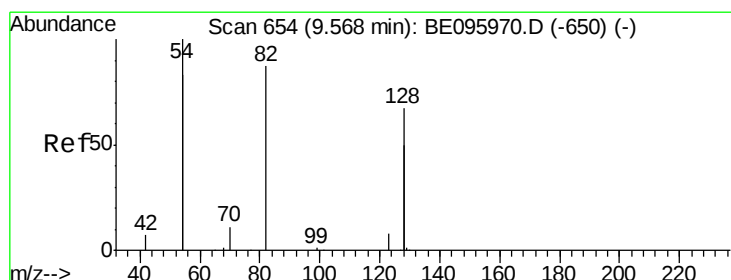
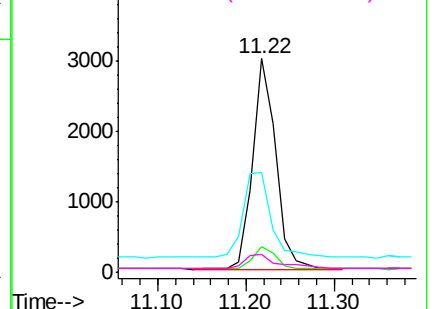
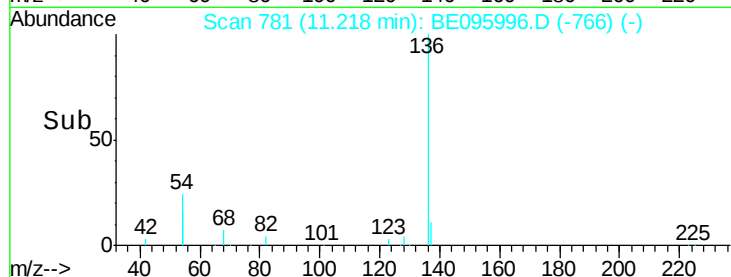


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.436 ng

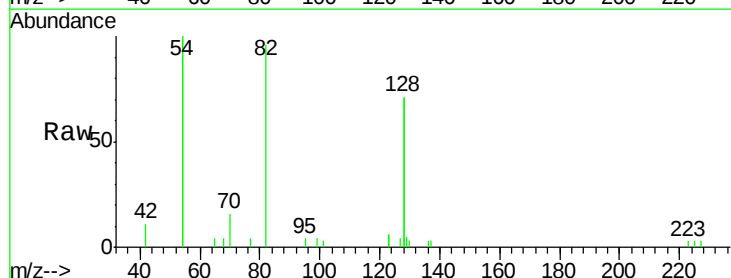
RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095996.D

Acq: 13 Apr 2018 14:31

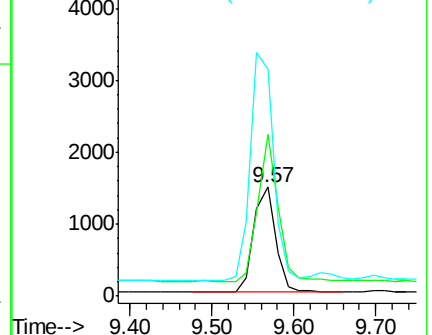
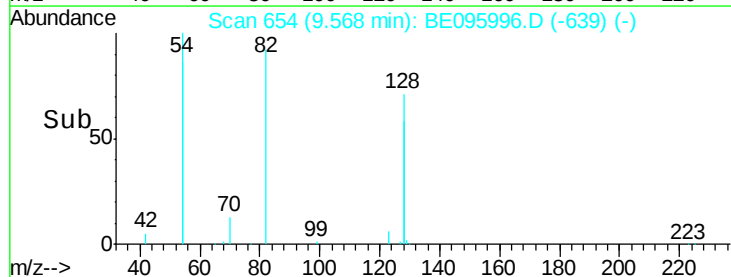
Tgt Ion: 82	Resp:	2761
Ion Ratio	Lower	Upper
82	100	
128	148.3	150.0 225.0#
54	209.0	154.2 231.4

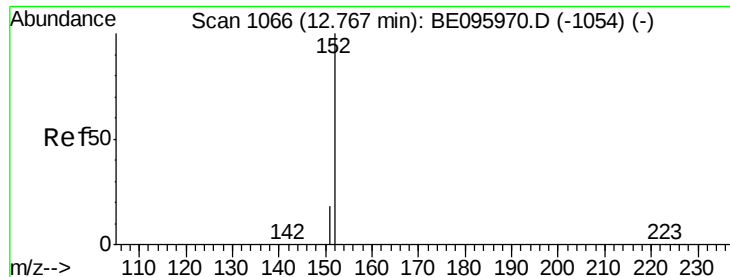


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

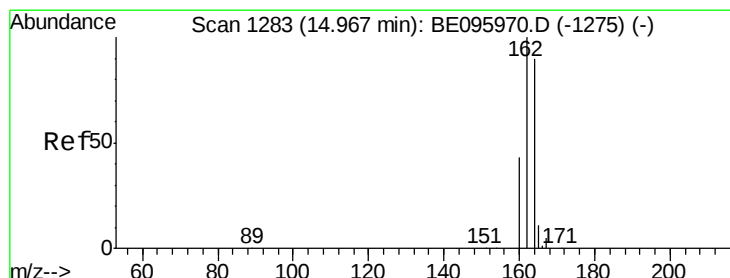
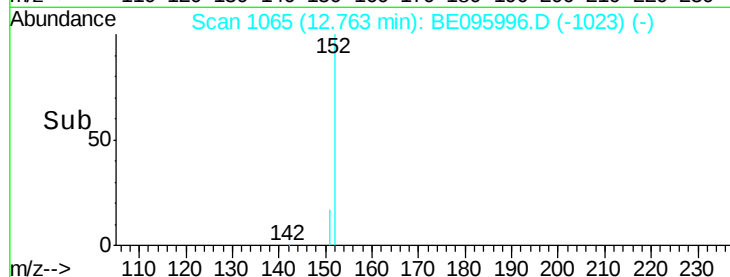
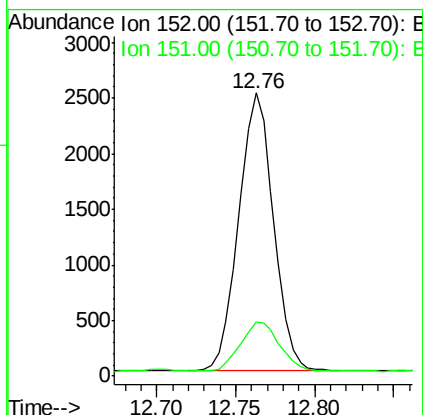
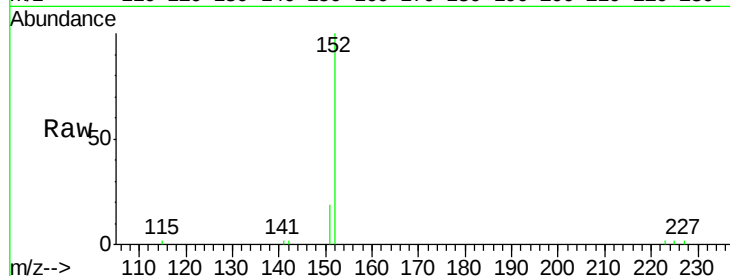




#11
 2-Methylnaphthalene-d10
 Concen: 0.447 ng
 RT: 12.76 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BE095996.D
 Acq: 13 Apr 2018 14:31

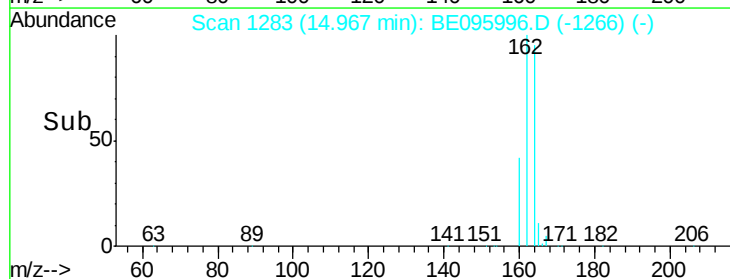
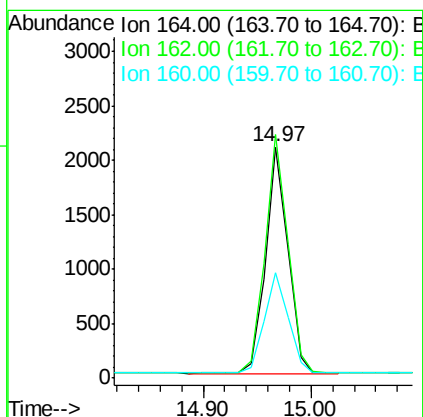
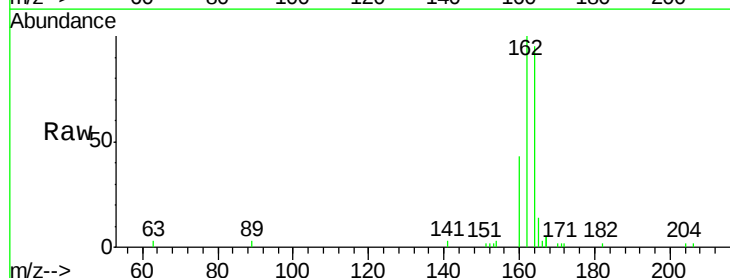
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 3827
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.97 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BE095996.D
 Acq: 13 Apr 2018 14:31

Tgt Ion:164 Resp: 3004
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.1 124.7
 160 45.4 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.444 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095996.D

Acq: 13 Apr 2018 14:31

Instrument :

BNA_E

ClientSampleId :

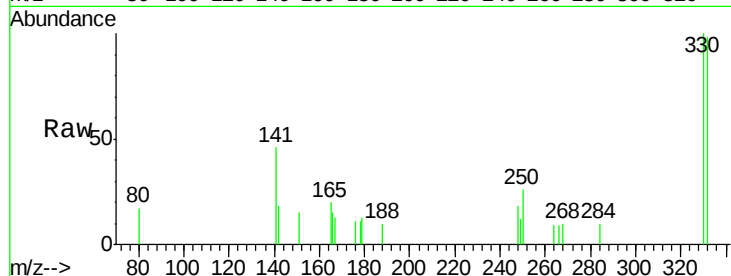
Tot Ion:330 Resp: 644

Ion Ratio Lower Upper

330 100

332 97.4 152.7 229.1#

141 43.5 33.7 50.5



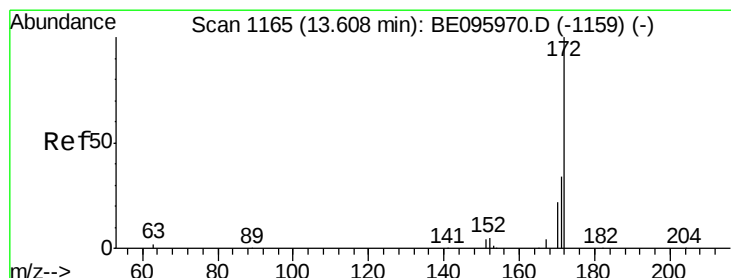
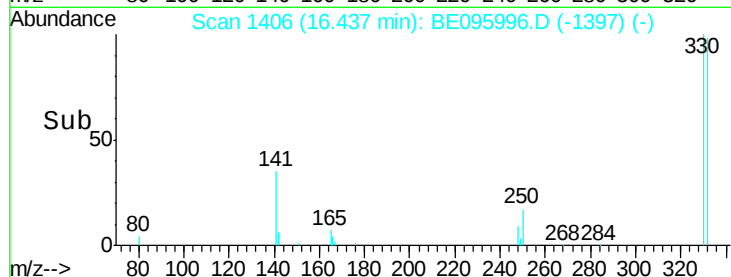
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.44

Time--> 16.35 16.40 16.45 16.50



#15

2-Fluorobiphenyl

Concen: 0.588 ng

RT: 13.61 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE095996.D

Acq: 13 Apr 2018 14:31

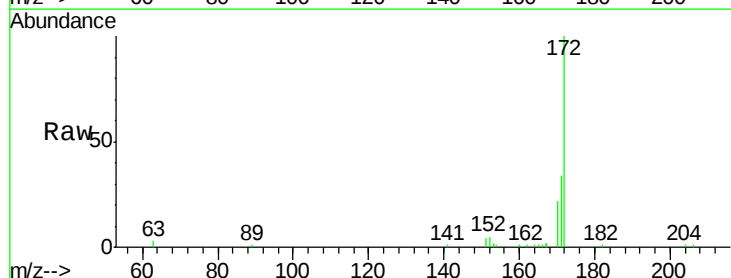
Tgt Ion:172 Resp: 7560

Ion Ratio Lower Upper

172 100

171 34.3 29.9 44.9

170 21.9 21.8 32.8



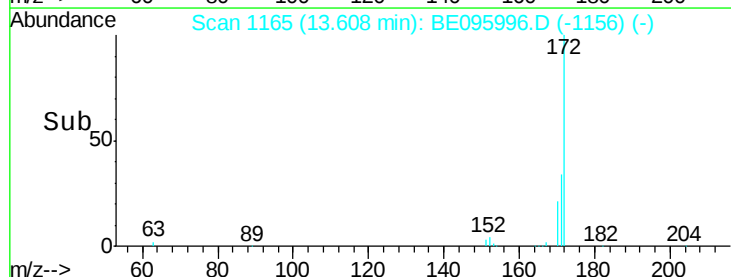
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

13.61

Time--> 13.50 13.60 13.70





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE095996.D

Acq: 13 Apr 2018 14:31

Instrument :

BNA_E

ClientSampleId :

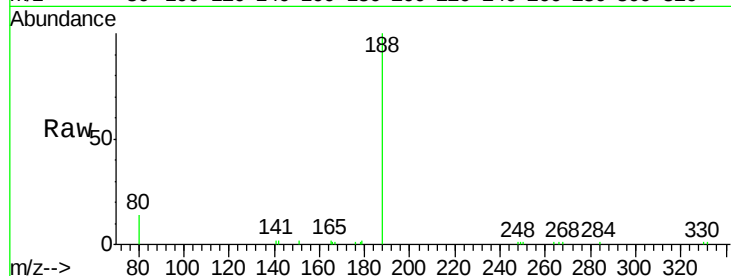
Tot Ion:188 Resp: 7036

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

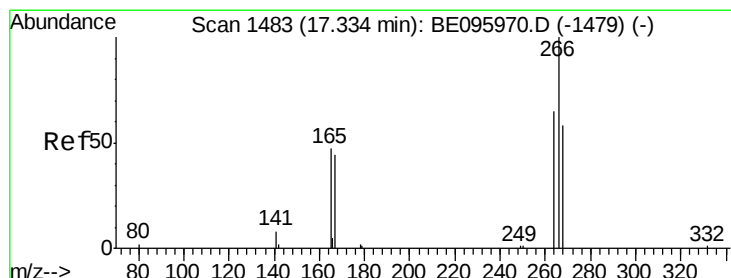
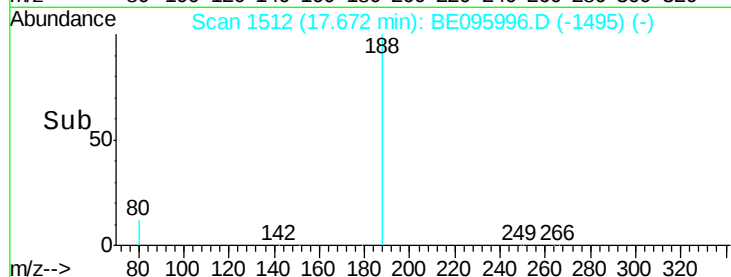
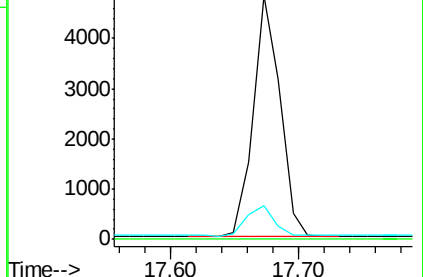
80 13.9 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.147 ng

RT: 17.35 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BE095996.D

Acq: 13 Apr 2018 14:31

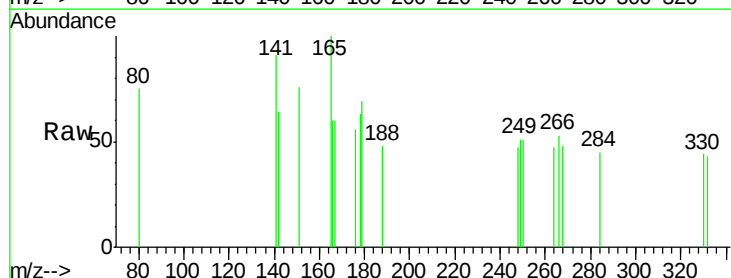
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 90.4 72.5 108.7

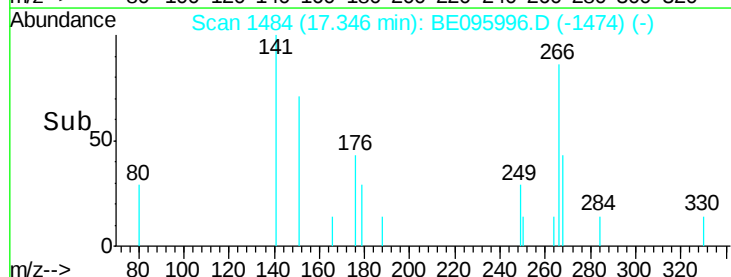
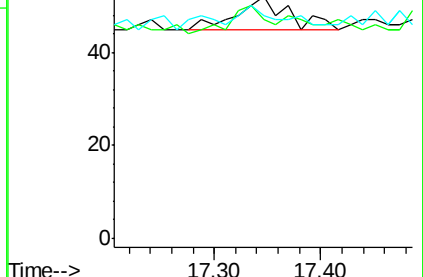
268 92.3 73.8 110.6

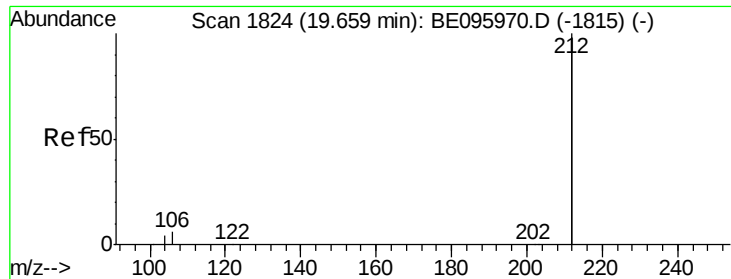


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

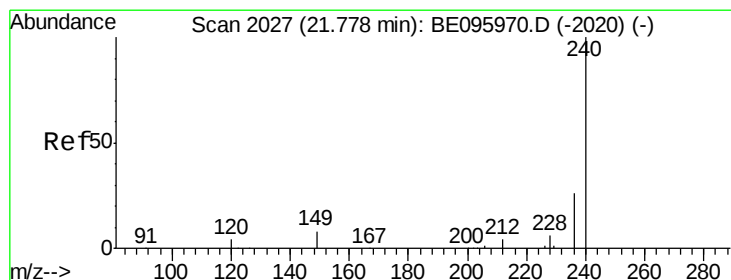
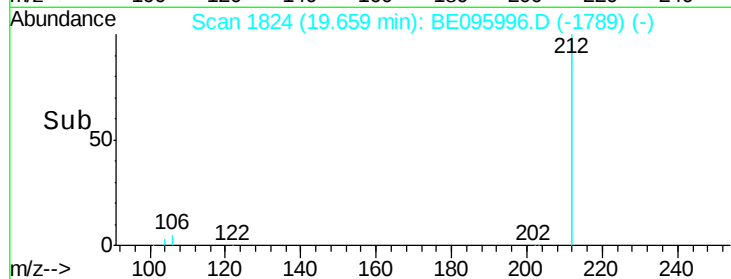
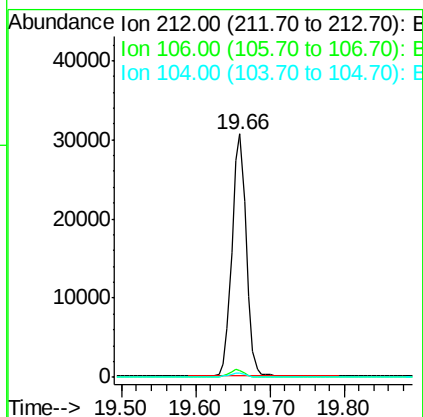
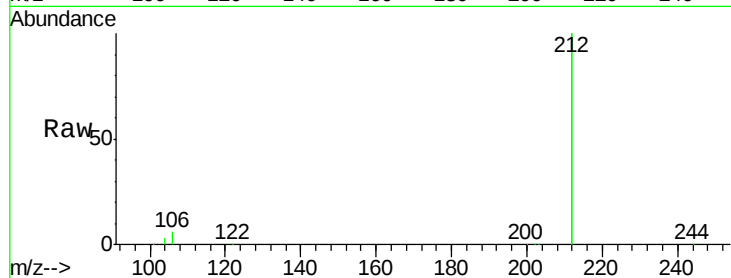




#25
 Fluoranthene-d10
 Concen: 0.425 ng
 RT: 19.66 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BE095996.D
 Acq: 13 Apr 2018 14:31

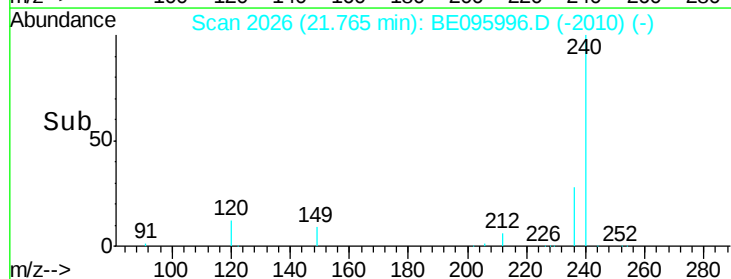
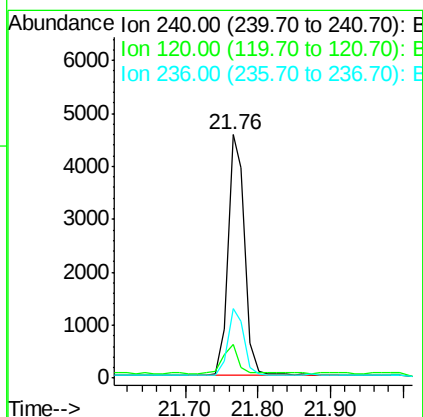
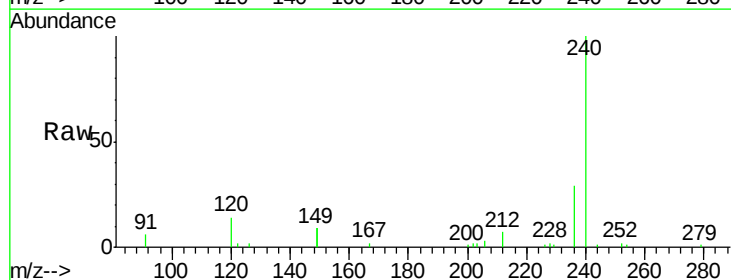
Instrument :
 BNA_E
 ClientSampleId :

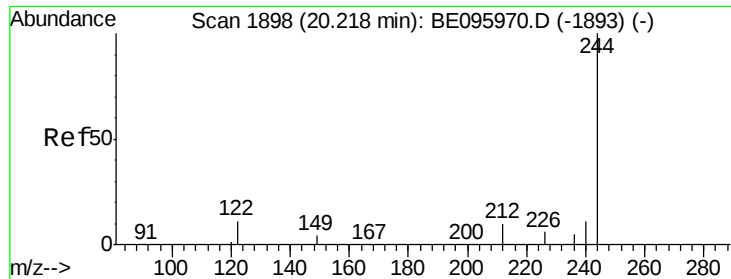
Tot Ion:212 Resp: 40578
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.76 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BE095996.D
 Acq: 13 Apr 2018 14:31

Tgt Ion:240 Resp: 7374
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.5 8.3#
 236 28.7 20.7 31.1





#29

Terphenyl-d14

Concen: 0.600 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095996.D

Acq: 13 Apr 2018 14:31

Instrument :

BNA_E

ClientSampleId :

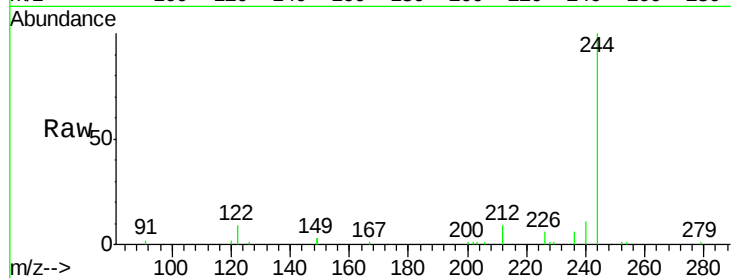
Tot Ion:244 Resp: 9781

Ion Ratio Lower Upper

244 100

212 9.1 25.4 38.0#

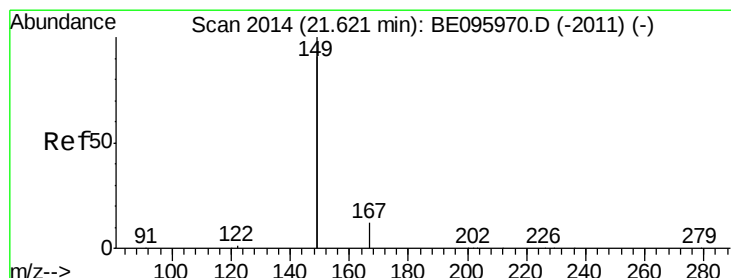
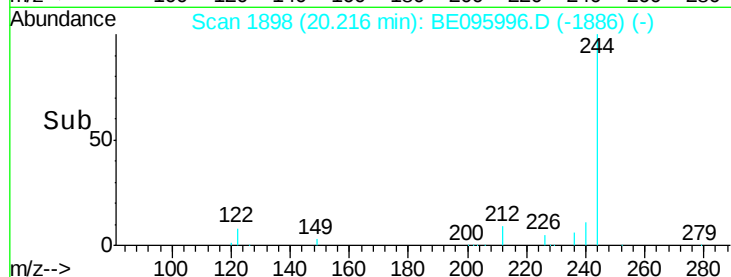
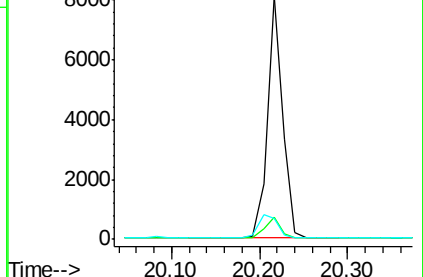
122 8.6 8.1 12.1



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: 0.103 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095996.D

Acq: 13 Apr 2018 14:31

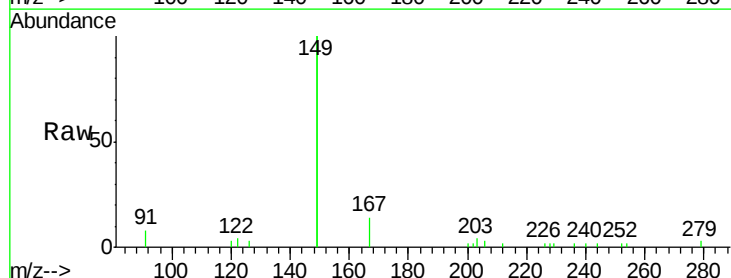
Tgt Ion:149 Resp: 6276

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

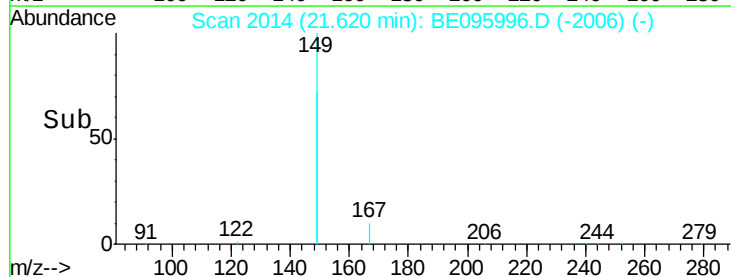
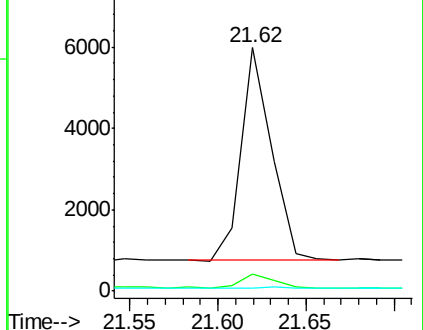
279 0.8 0.7 1.1

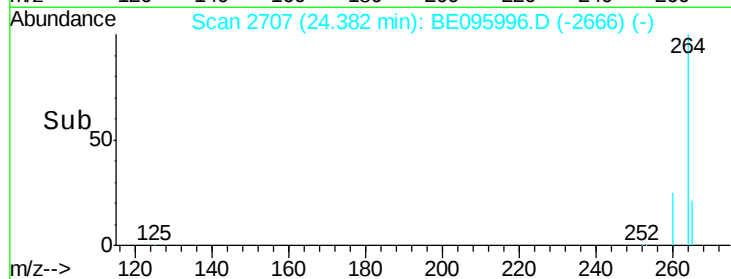
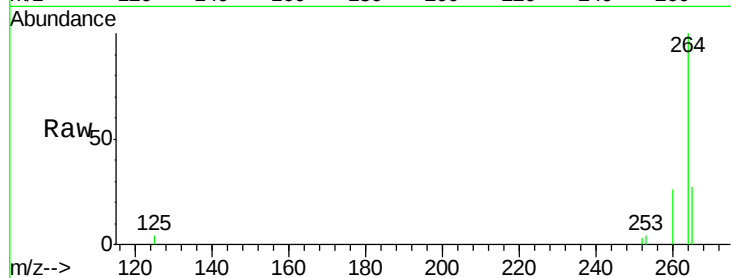


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.38 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE095996.D

Acq: 13 Apr 2018 14:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 7026

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

265 27.2 22.8 34.2

