

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041318\
 Data File : BE095994.D
 Acq On : 13 Apr 2018 13:19
 Operator : SJ/JU
 Sample : J2308-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 13 14:44:31 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

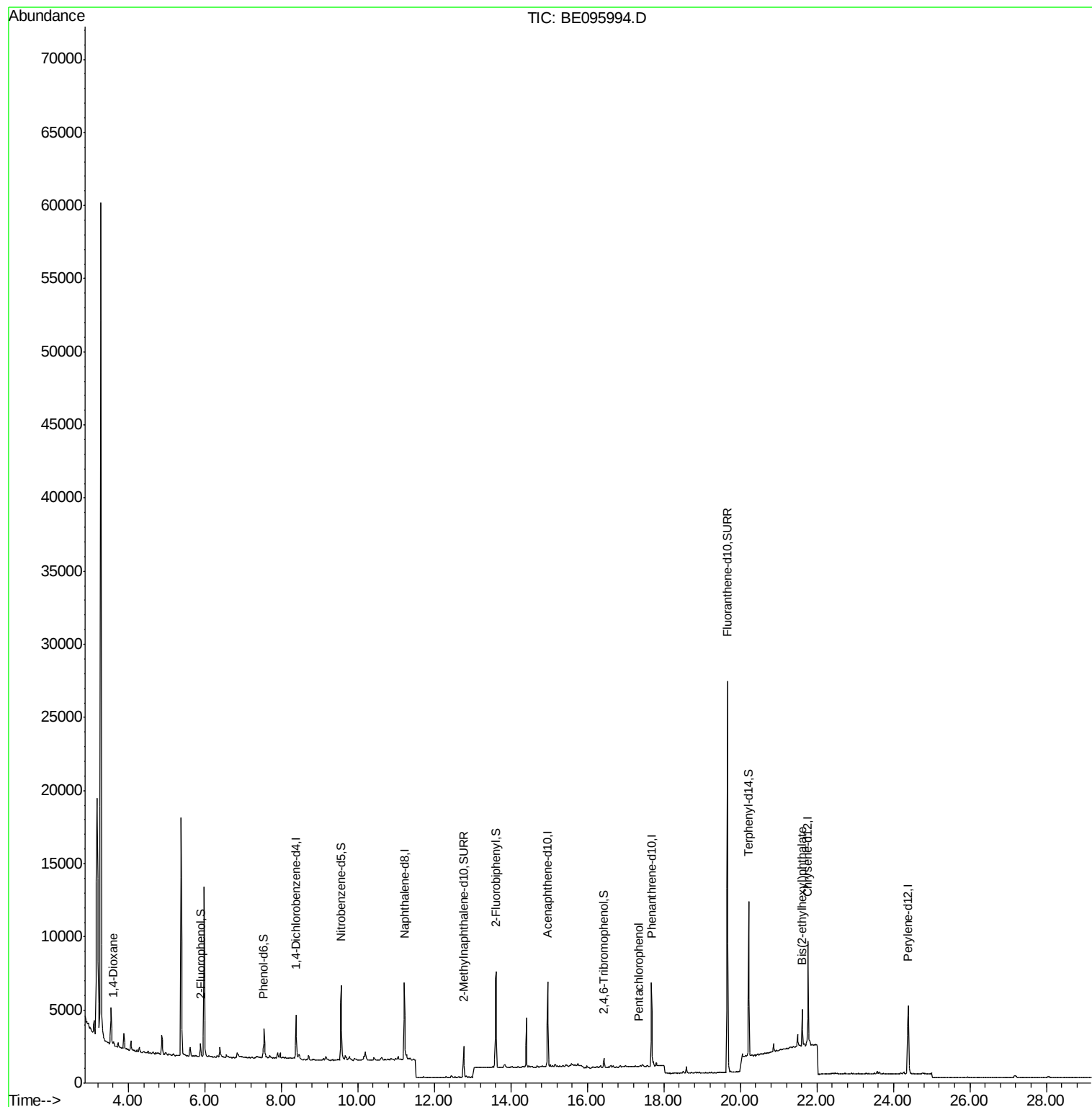
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1442	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5547	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	3156	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	7456	0.40	ng	0.00
27) Chrysene-d12	21.77	240	7546	0.40	ng	-0.01
34) Perylene-d12	24.39	264	7268	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	457	0.10	ng	0.00
5) Phenol-d6	7.53	99	460	0.07	ng	0.00
8) Nitrobenzene-d5	9.57	82	2063	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	2846	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	336	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	6116	0.45	ng	0.00
25) Fluoranthene-d10	19.66	212	32971	0.33	ng	0.00
29) Terphenyl-d14	20.22	244	9261	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.61	88	155	0.070	ng	Qvalue # 22
22) Pentachlorophenol	17.33	266	33	0.152	ng	96
32) Bis(2-ethylhexyl)phthalate	21.62	149	2857	0.046	ng	# 99

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

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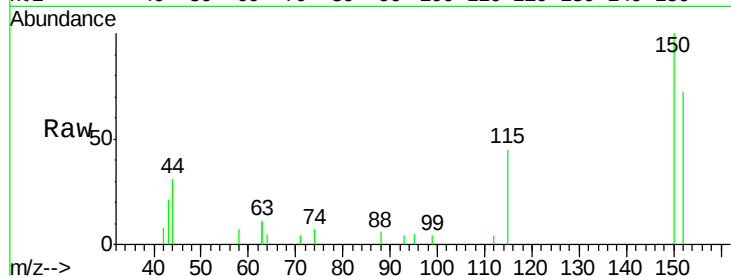


#1

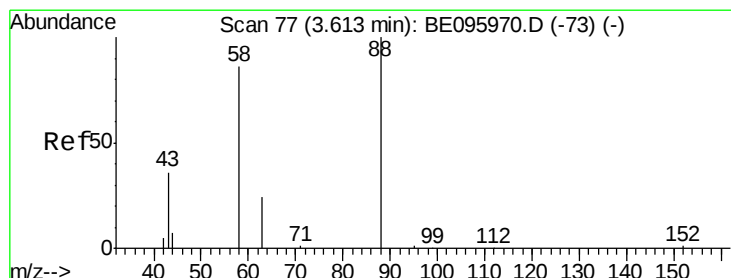
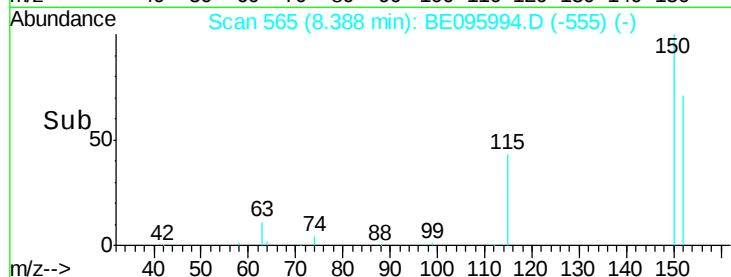
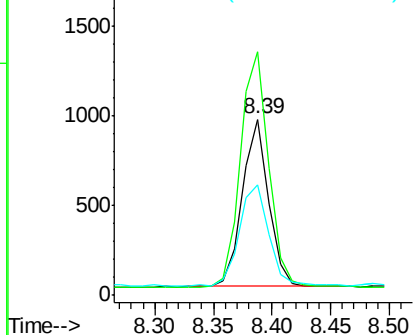
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. 0.00 min
Lab File: BE095994.D
Acq: 13 Apr 2018 13:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1442
Ion Ratio Lower Upper
152 100
150 138.2 117.2 175.8
115 62.8 57.0 85.6



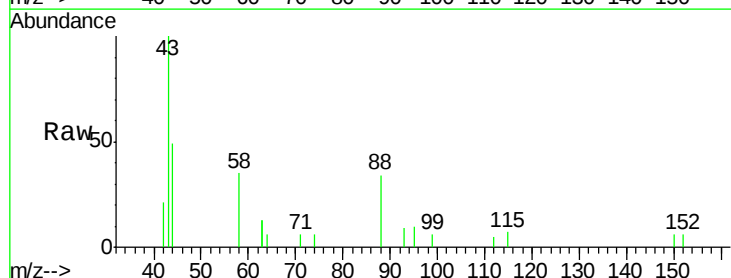
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



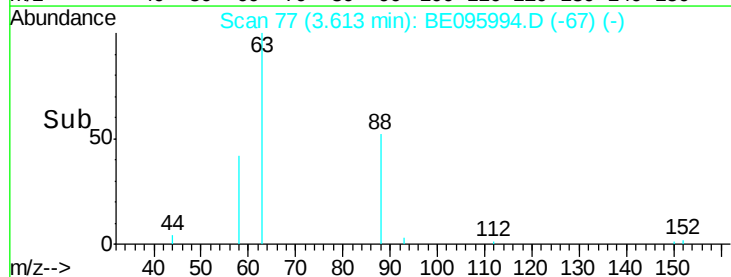
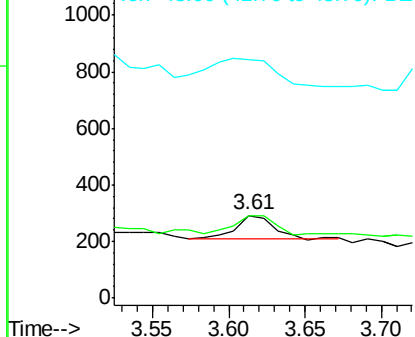
#2

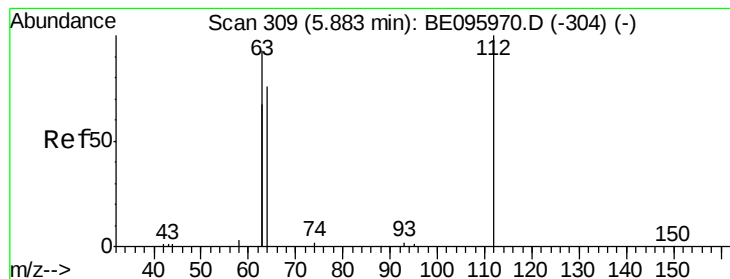
1,4-Dioxane
Concen: 0.070 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.00 min
Lab File: BE095994.D
Acq: 13 Apr 2018 13:19

Tgt Ion: 88 Resp: 155
Ion Ratio Lower Upper
88 100
58 73.5 63.2 94.8
43 183.2 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: 0.102 ng

RT: 5.88 min Scan# 309

Delta R.T. 0.00 min

Lab File: BE095994.D

Acq: 13 Apr 2018 13:19

Instrument :

BNA_E

ClientSampled :

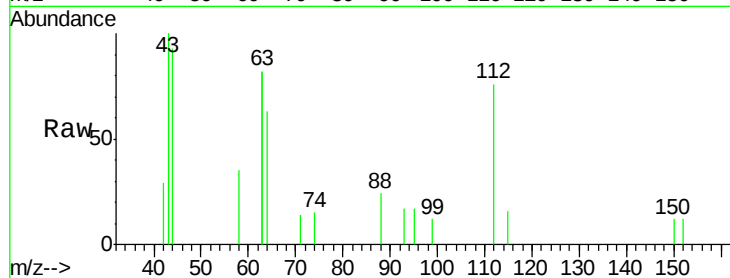
Tot Ion: 112 Resp: 457

Ion Ratio Lower Upper

112 100

64 74.0 60.1 90.1

63 161.7 116.8 175.2



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

800

600

400

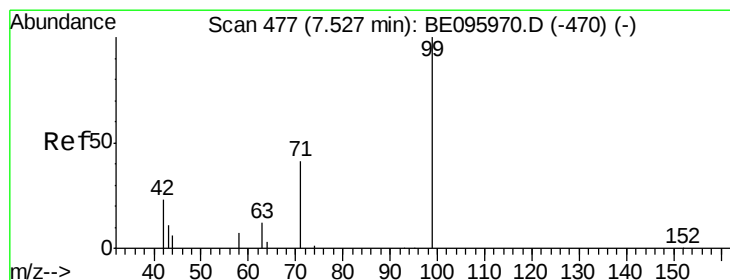
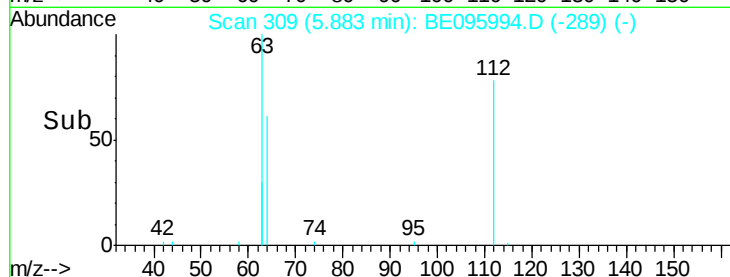
200

0

5.88

5.80 5.85 5.90 5.95

Time-->



#5

Phenol-d6

Concen: 0.075 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095994.D

Acq: 13 Apr 2018 13:19

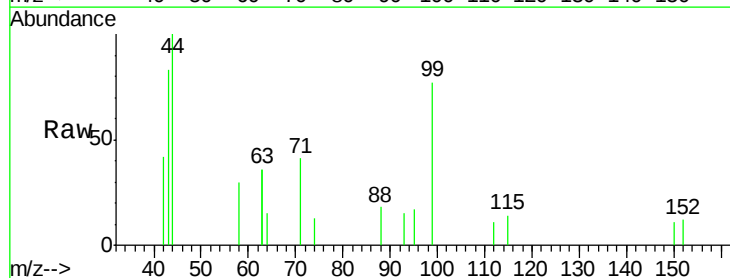
Tgt Ion: 99 Resp: 460

Ion Ratio Lower Upper

99 100

42 52.0 20.2 30.2#

71 53.9 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

400

300

200

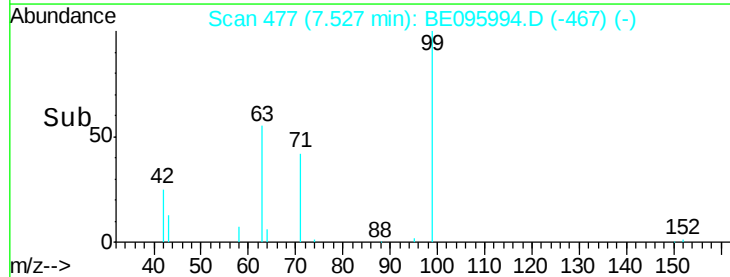
100

0

7.53

7.45 7.50 7.55 7.60

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095994.D

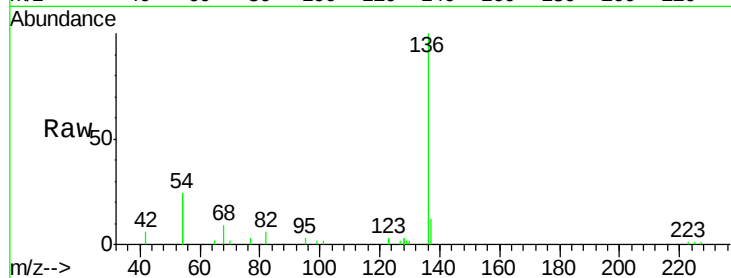
Acq: 13 Apr 2018 13:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	5547
Ion Ratio	Lower	Upper
136	100	
137	12.1	9.5 14.3
54	47.8	29.1 43.7
68	8.7	6.2 9.2

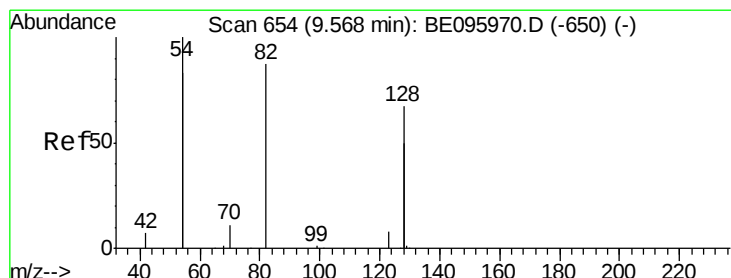
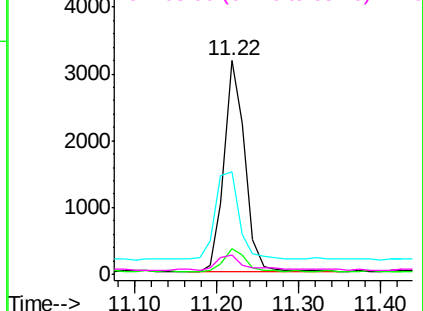
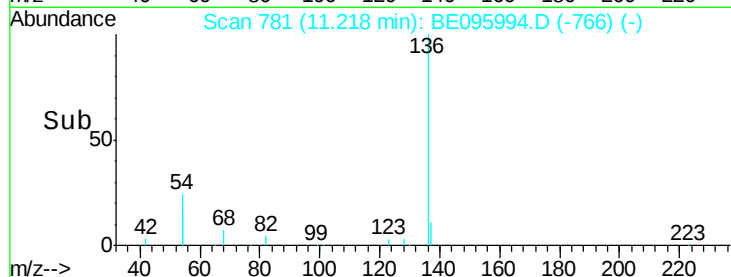


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.317 ng

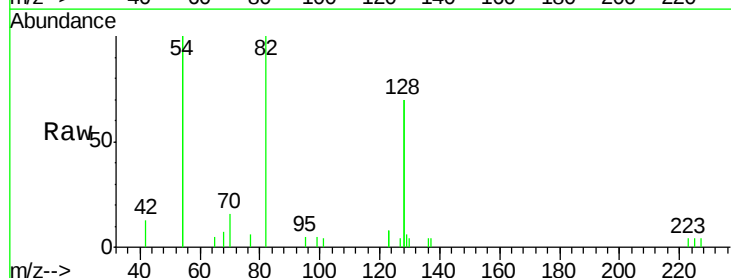
RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095994.D

Acq: 13 Apr 2018 13:19

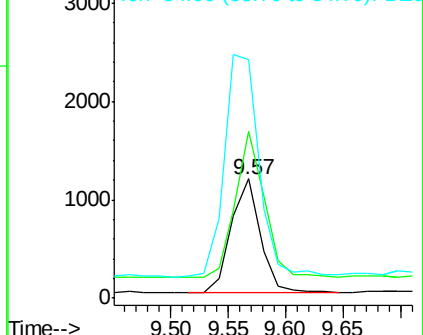
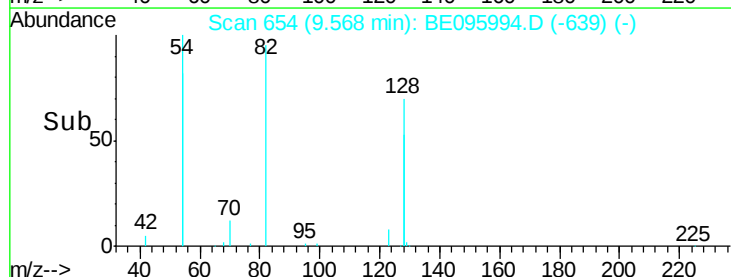
Tgt Ion: 82	Resp:	2063
Ion Ratio	Lower	Upper
82	100	
128	140.2	150.0 225.0
54	200.5	154.2 231.4

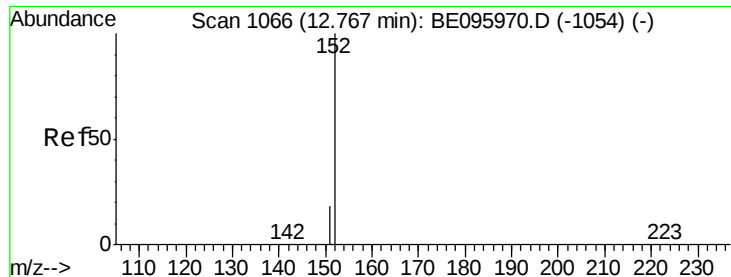


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

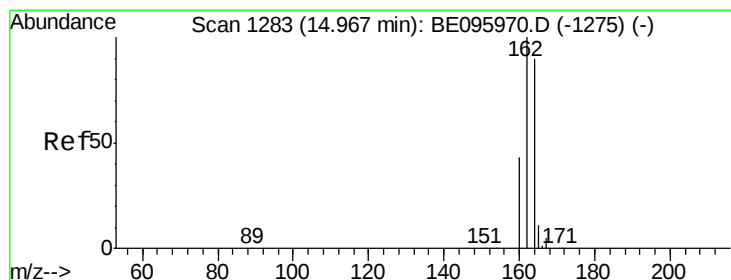
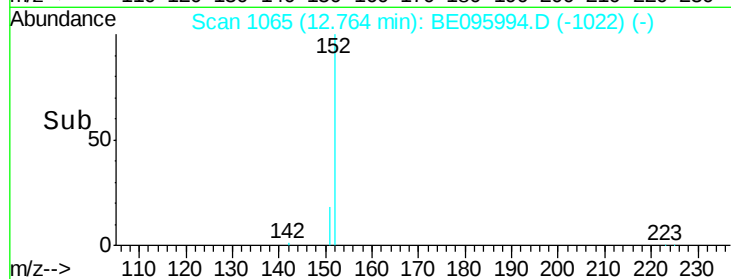
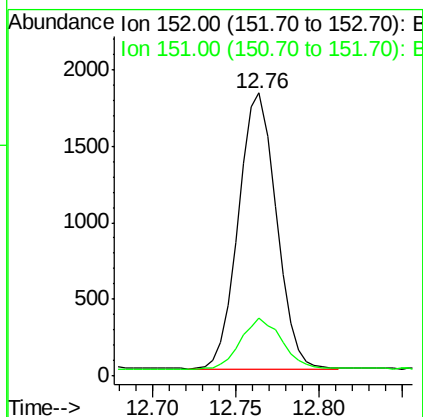
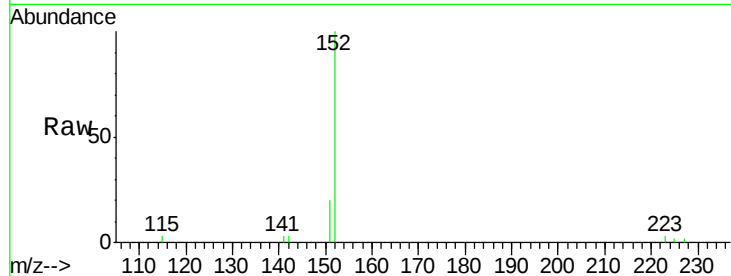




#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE095994.D
Acq: 13 Apr 2018 13:19

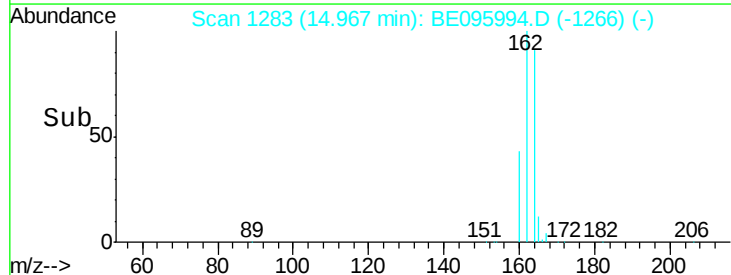
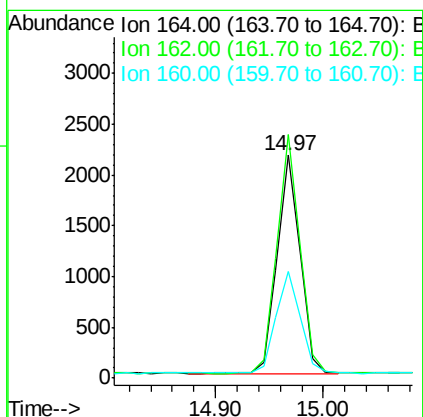
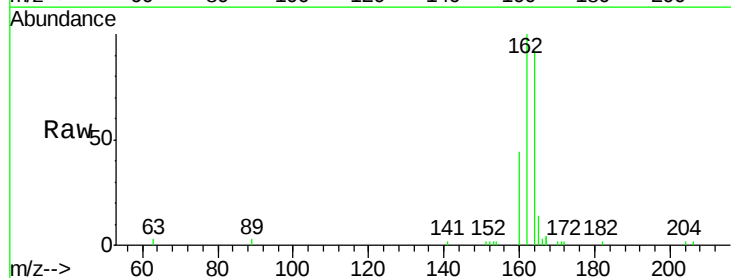
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2846
Ion Ratio Lower Upper
152 100
151 20.0 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: BE095994.D
Acq: 13 Apr 2018 13:19

Tgt Ion:164 Resp: 3156
Ion Ratio Lower Upper
164 100
162 109.2 83.1 124.7
160 47.7 37.1 55.7

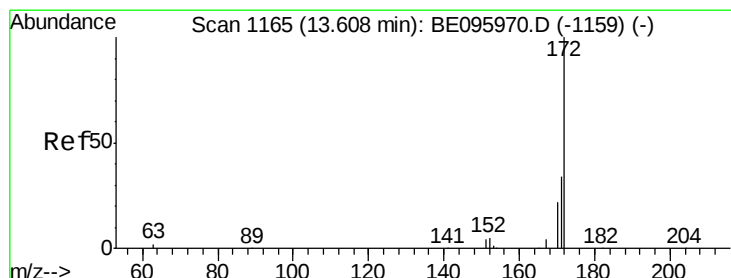
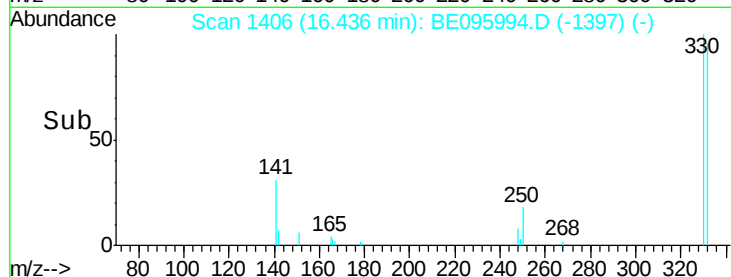
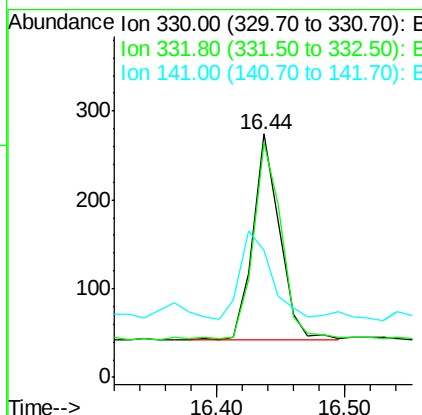
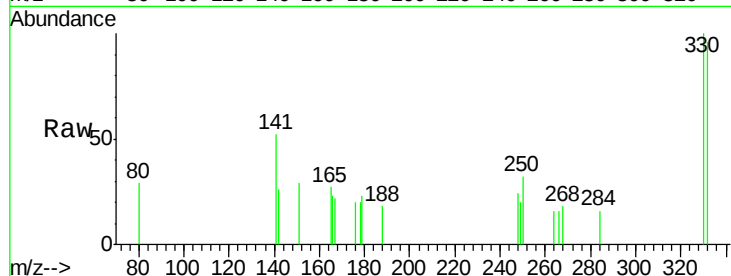




#14
 2,4,6-Tribromophenol
 Concen: 0.220 ng
 RT: 16.44 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BE095994.D
 Acq: 13 Apr 2018 13:19

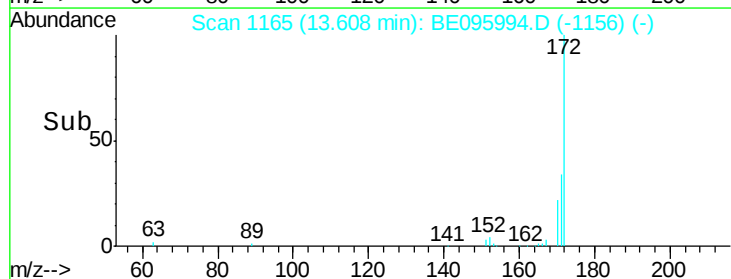
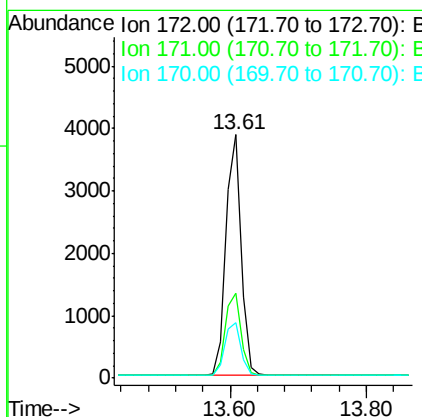
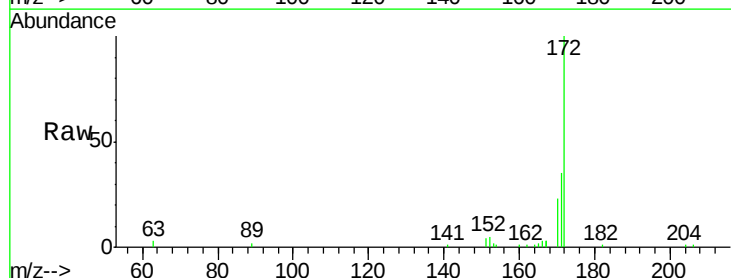
Instrument :
 BNA_E
 ClientSampleId :

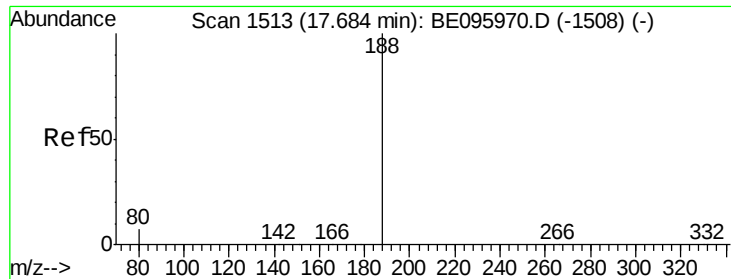
Tot Ion:330 Resp: 336
 Ion Ratio Lower Upper
 330 100
 332 98.5 152.7 229.1#
 141 50.3 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.453 ng
 RT: 13.61 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BE095994.D
 Acq: 13 Apr 2018 13:19

Tgt Ion:172 Resp: 6116
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.9 44.9
 170 22.8 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE095994.D

Acq: 13 Apr 2018 13:19

Instrument :

BNA_E

ClientSampleId :

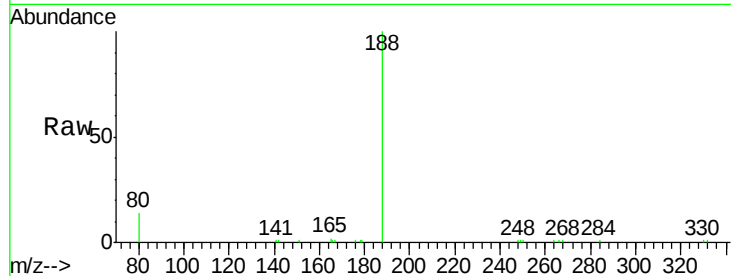
Tot Ion:188 Resp: 7456

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

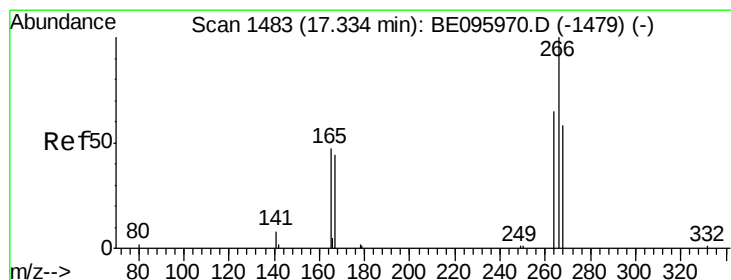
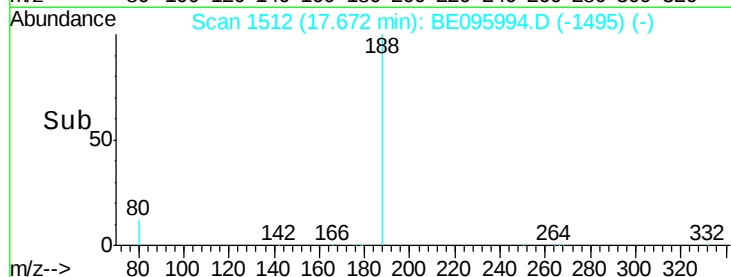
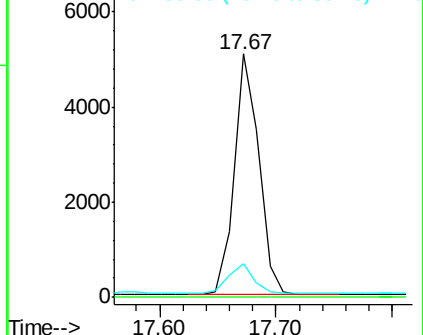
80 13.7 3.6 5.4#



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: 0.152 ng

RT: 17.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE095994.D

Acq: 13 Apr 2018 13:19

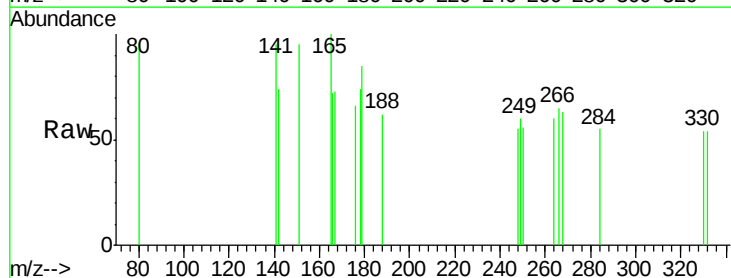
Tgt Ion:266 Resp: 33

Ion Ratio Lower Upper

266 100

264 92.5 72.5 108.7

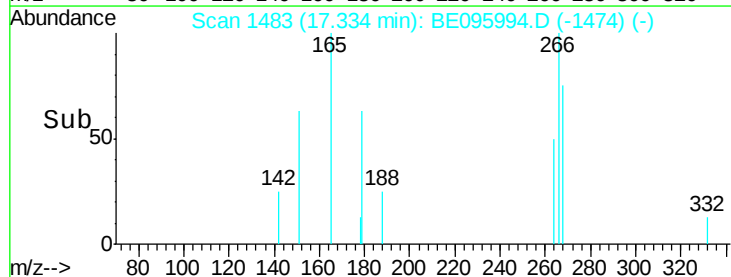
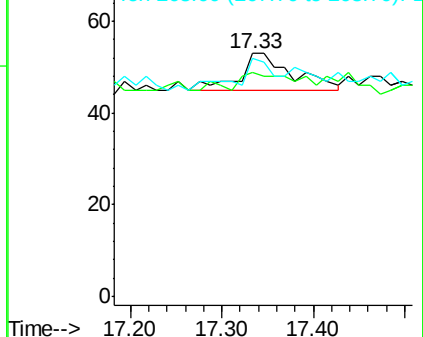
268 98.1 73.8 110.6

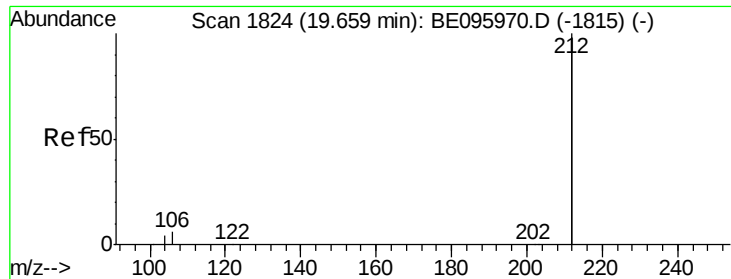


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

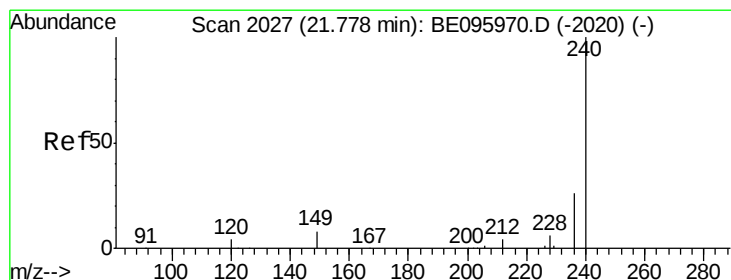
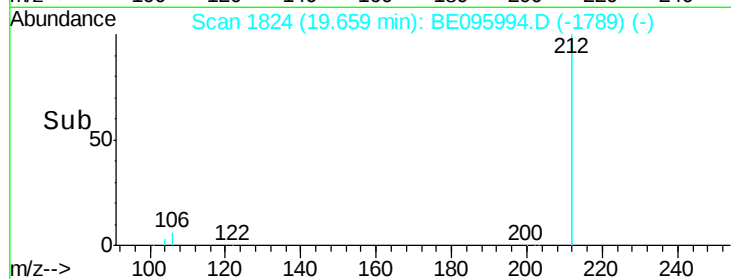
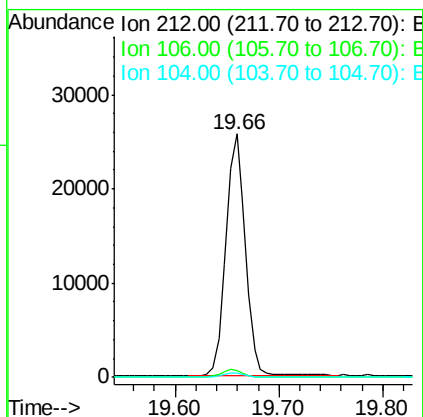
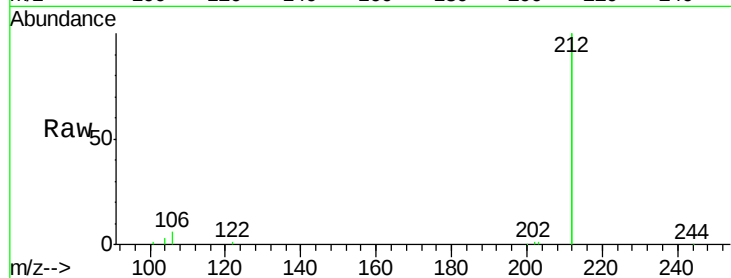




#25
 Fluoranthene-d10
 Concen: 0.326 ng
 RT: 19.66 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BE095994.D
 Acq: 13 Apr 2018 13:19

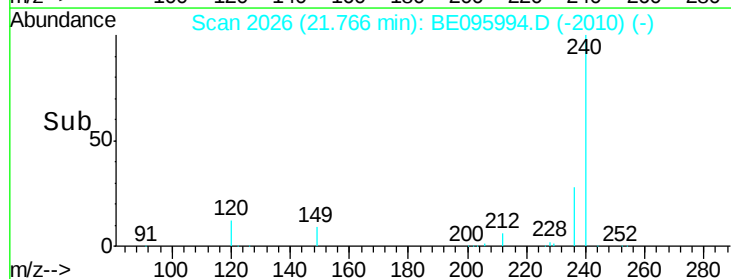
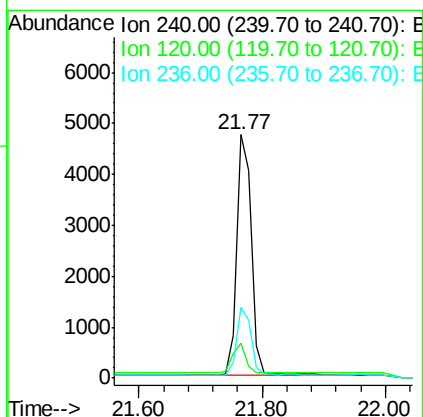
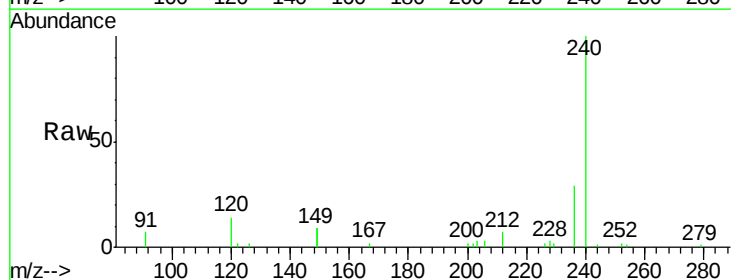
Instrument :
 BNA_E
 ClientSampleId :

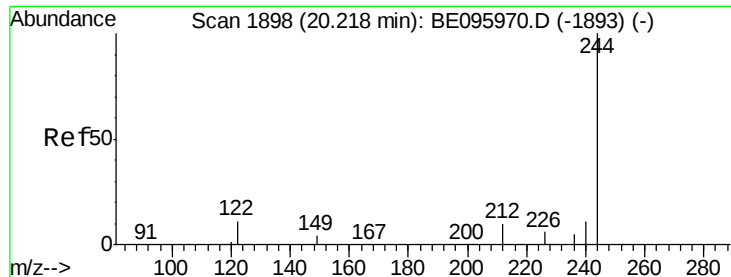
Tot Ion:212 Resp: 32971
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.7 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.77 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BE095994.D
 Acq: 13 Apr 2018 13:19

Tgt Ion:240 Resp: 7546
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.5 8.3#
 236 29.3 20.7 31.1





#29

Terphenyl-d14

Concen: 0.555 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095994.D

Acq: 13 Apr 2018 13:19

Instrument :

BNA_E

ClientSampleId :

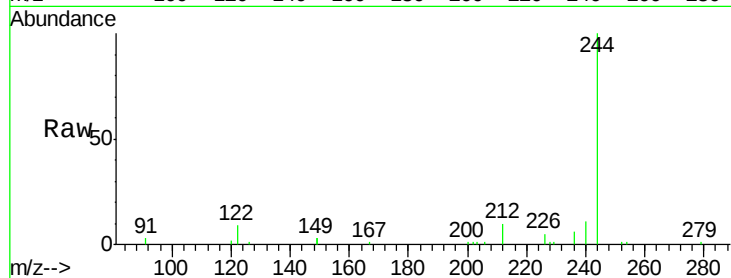
Tot Ion:244 Resp: 9261

Ion Ratio Lower Upper

244 100

212 9.7 25.4 38.0#

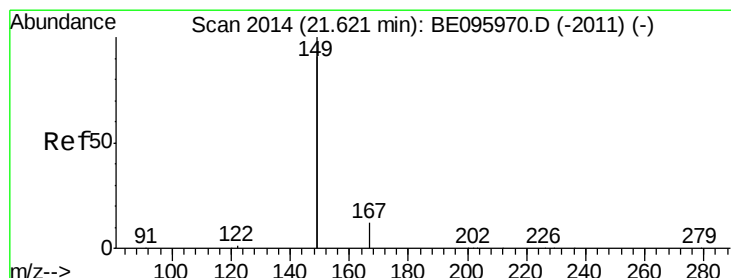
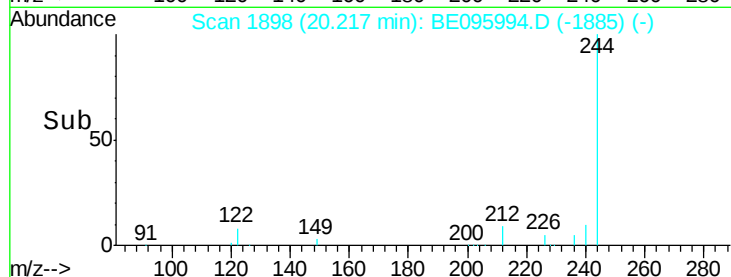
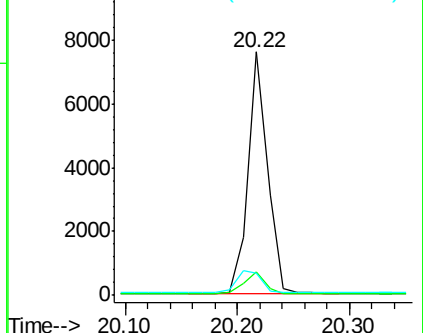
122 9.3 8.1 12.1



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: 0.046 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095994.D

Acq: 13 Apr 2018 13:19

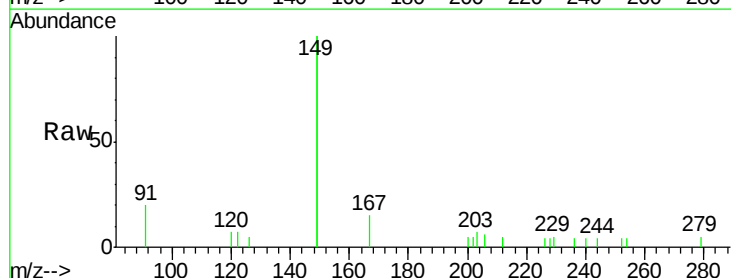
Tgt Ion:149 Resp: 2857

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

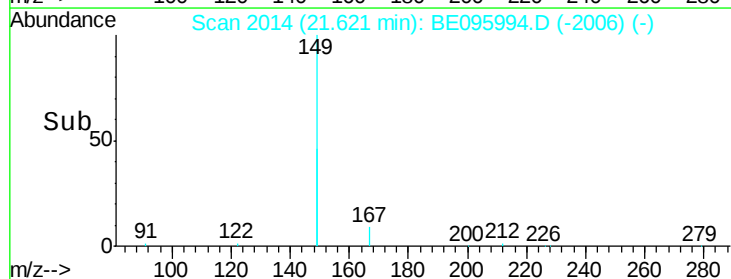
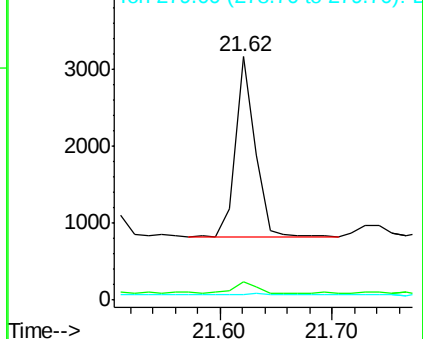
279 1.4 0.7 1.1#

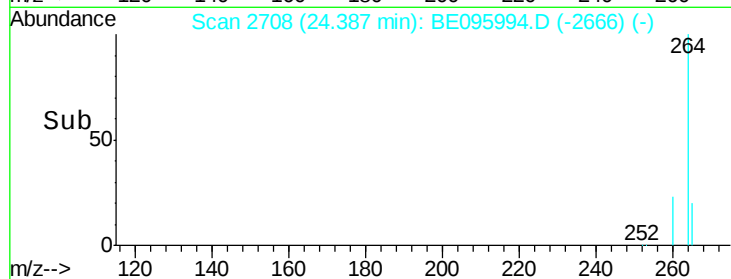
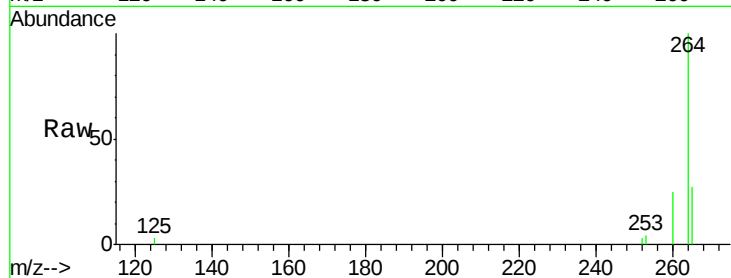


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2708
 Delta R.T. 0.00 min
 Lab File: BE095994.D
 Acq: 13 Apr 2018 13:19

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	26.6	22.8	34.2

