

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
 Data File : BE094083.D
 Acq On : 23 Sep 2017 18:15
 Operator : SJ/JU
 Sample : PB102533BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 25 08:02:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 07:59:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1024	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	4650	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	2785	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	13542	0.40	ng	0.00
27) Chrysene-d12	21.40	240	18085	0.40	ng	0.00
34) Perylene-d12	23.91	264	12910	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	1823	0.29	ng	0.00
5) Phenol-d6	7.09	99	1999	0.33	ng	0.00
8) Nitrobenzene-d5	9.06	82	1371	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2569	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1031	0.49	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	3595	0.39	ng	0.02
25) Fluoranthene-d10	19.27	212	64741	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	11359	0.40	ng	0.00

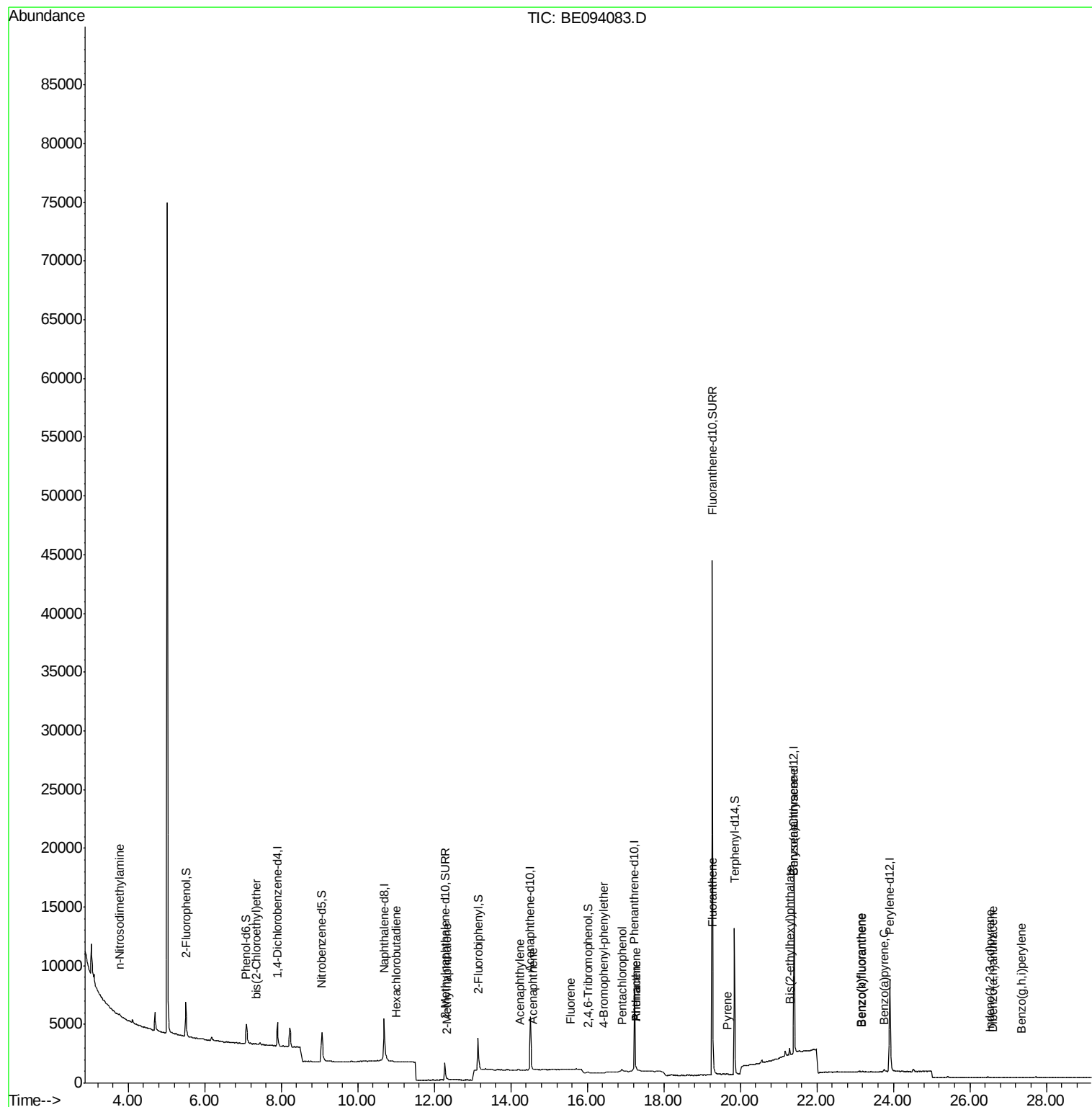
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	44	Below Cal	#	16
3) n-Nitrosodimethylamine	3.76	42	175	0.020	ng	# 2
6) bis(2-Chloroethyl)ether	7.35	93	17	0.004	ng	# 79
9) Naphthalene	10.74	128	1611	Below Cal	#	73
10) Hexachlorobutadiene	11.01	225	9	0.005	ng	# 31
12) 2-Methylnaphthalene	12.34	142	11	0.001	ng	# 63
16) Acenaphthylene	14.24	152	10	0.001	ng	# 61
17) Acenaphthene	14.57	154	9	0.001	ng	# 54
18) Fluorene	15.56	166	68	0.005	ng	# 89
20) 4-Bromophenyl-phenylether	16.42	248	16	0.002	ng	# 41
22) Pentachlorophenol	16.91	266	430	0.234	ng	# 83
23) Phenanthrene	17.27	178	450	0.009	ng	# 80
24) Anthracene	17.27	178	434	0.012	ng	# 88
26) Fluoranthene	19.29	202	51	0.001	ng	# 82
28) Pyrene	19.66	202	79	0.002	ng	# 80
30) Benzo(a)anthracene	21.39	228	141	0.002	ng	# 1
31) Chrysene	21.39	228	141	0.002	ng	# 6
32) Bis(2-ethylhexyl)phthalate	21.29	149	847	0.005	ng	# 85
33) Indeno(1,2,3-cd)pyrene	26.54	276	2	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.15	252	42	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.20	252	28	0.001	ng	# 1
37) Benzo(a)pyrene	23.77	252	9	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.60	278	15	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.35	276	3	0.000	ng	# 1

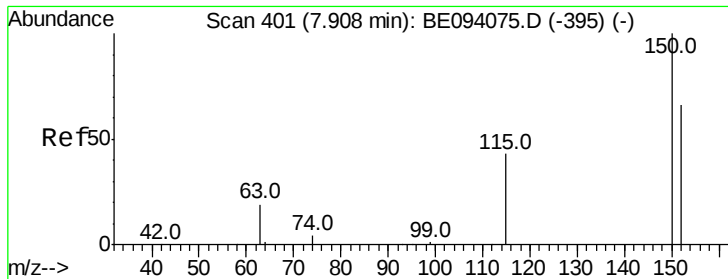
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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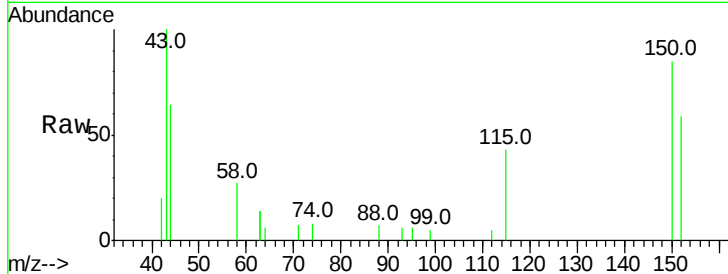


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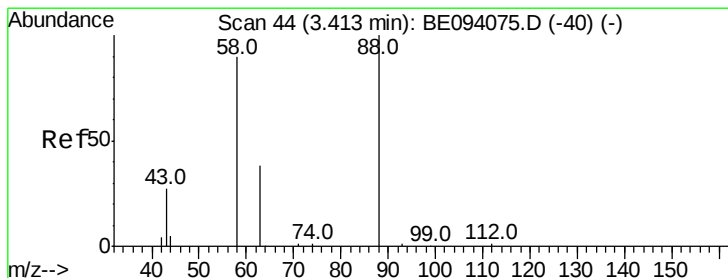
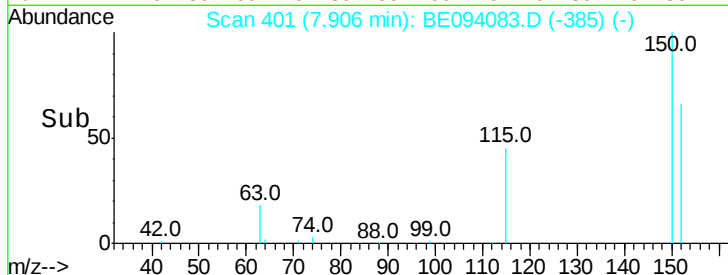
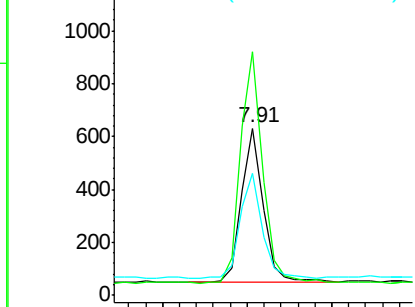
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1024
Ion Ratio Lower Upper
152 100
150 145.7 117.2 175.8
115 73.1 57.0 85.6



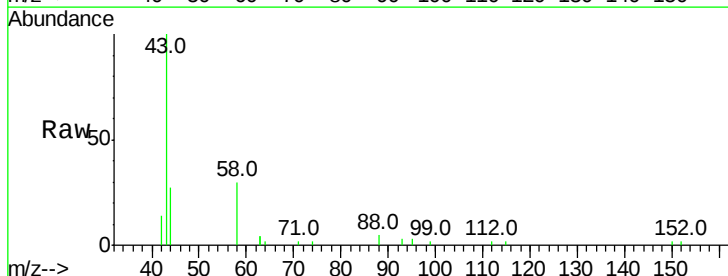
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



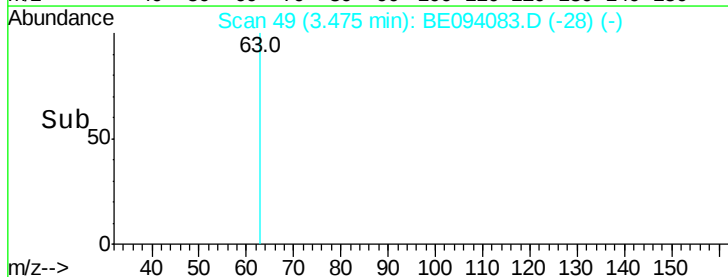
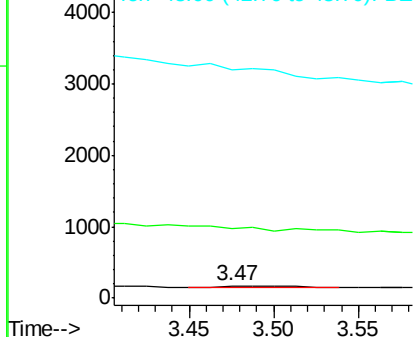
#2

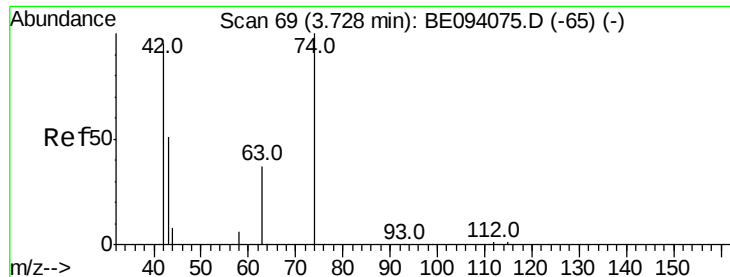
1,4-Dioxane
Concen: Below Cal
RT: 3.47 min Scan# 49
Delta R.T. 0.06 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 0.0 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



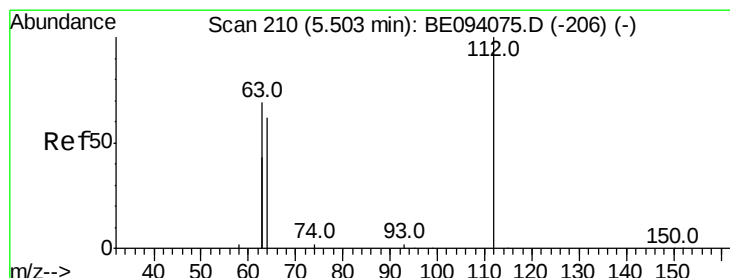
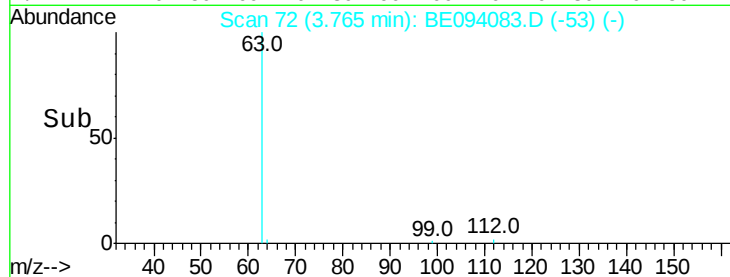
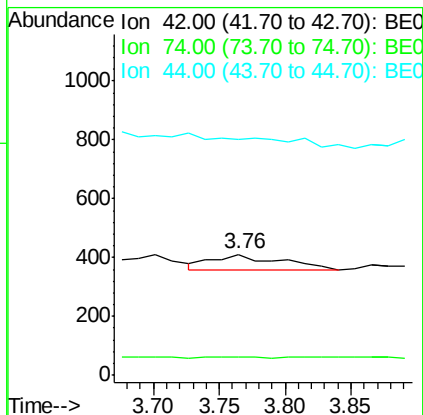
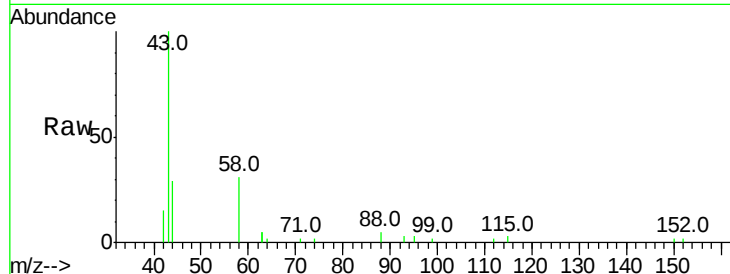


#3

n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.76 min Scan# 72
Delta R.T. 0.04 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Instrument :
BNA_E
ClientSampled :

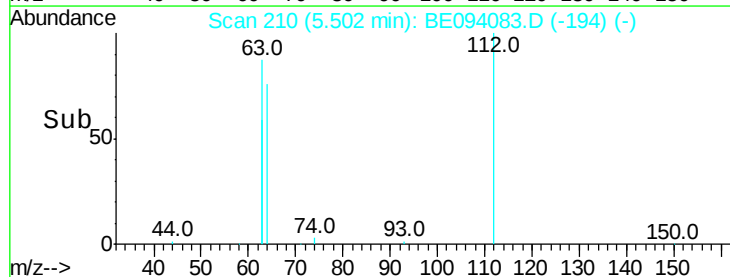
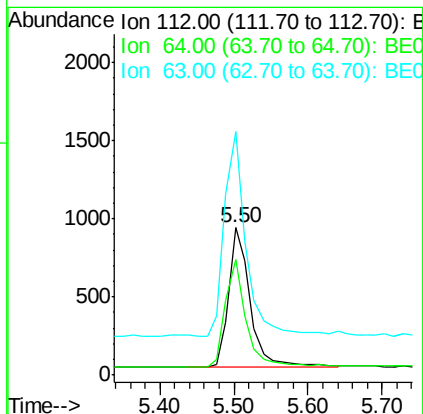
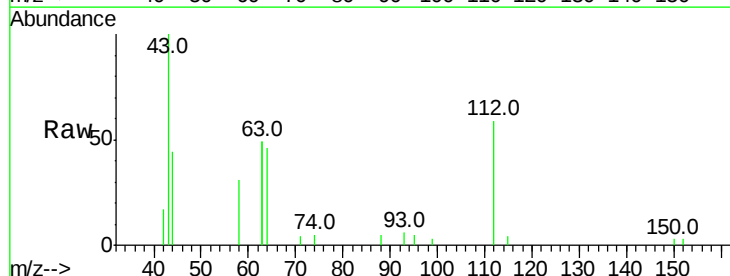
Tot Ion: 42 Resp: 175
Ion Ratio Lower Upper
42 100
74 4.0 100.3 150.5#
44 0.0 17.0 25.4#

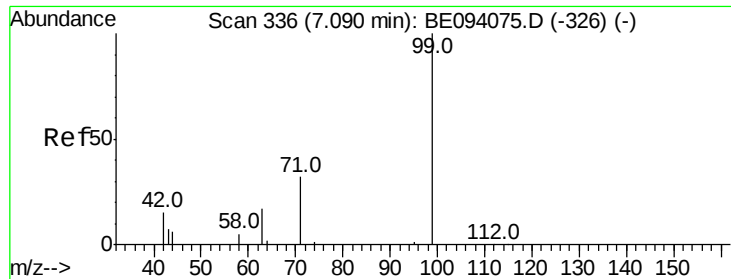


#4

2-Fluorophenol
Concen: 0.291 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Tgt Ion: 112 Resp: 1823
Ion Ratio Lower Upper
112 100
64 74.8 60.1 90.1
63 143.0 116.8 175.2





#5

Phenol-d6

Concen: 0.330 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :

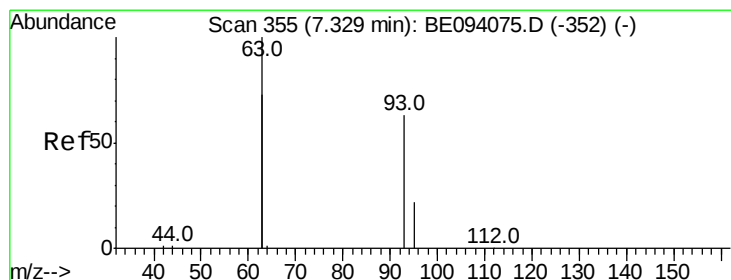
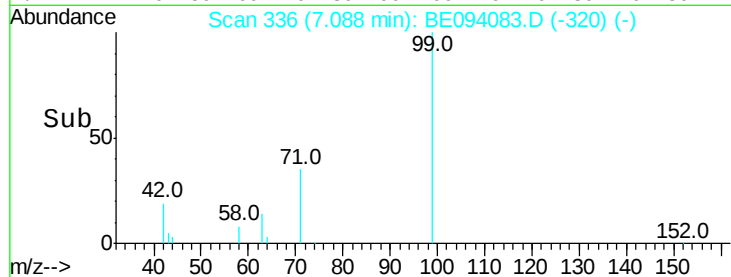
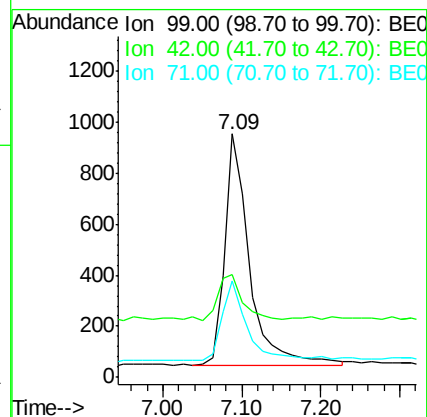
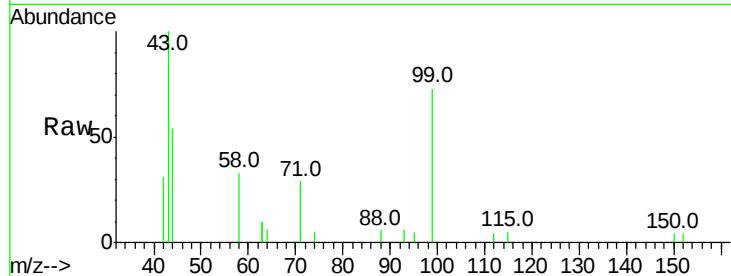
Tot Ion: 99 Resp: 1999

Ion Ratio Lower Upper

99 100

42 18.8 20.2 30.2#

71 34.6 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 7.35 min Scan# 357

Delta R.T. 0.02 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

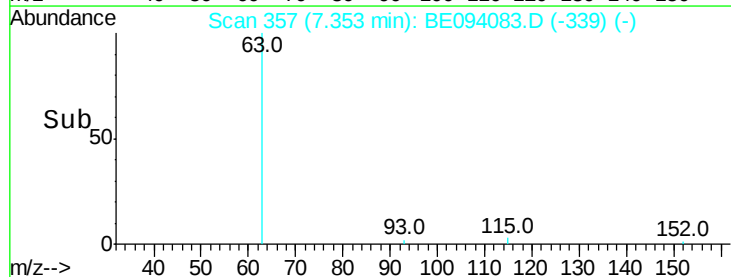
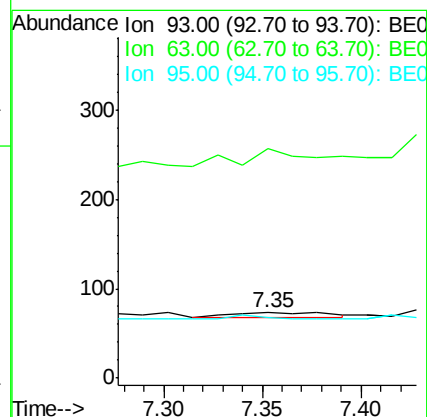
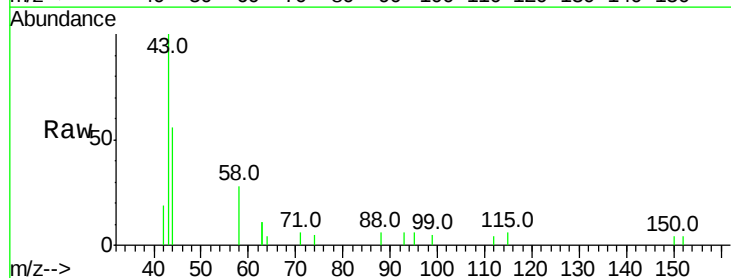
Tgt Ion: 93 Resp: 17

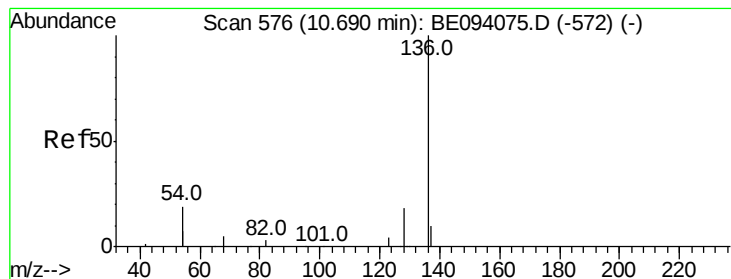
Ion Ratio Lower Upper

93 100

63 388.2 275.3 412.9

95 47.1 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4650

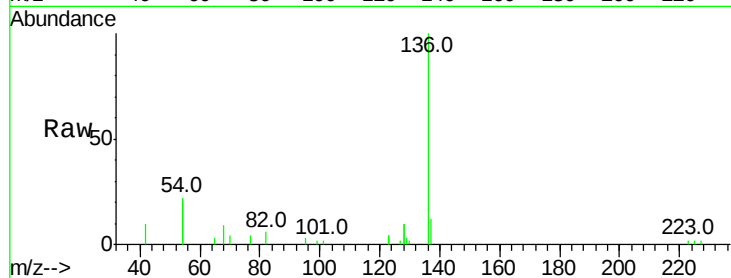
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 44.3 29.1 43.7#

68 8.9 6.2 9.2

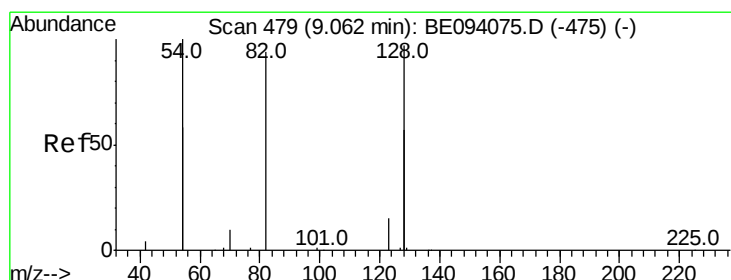
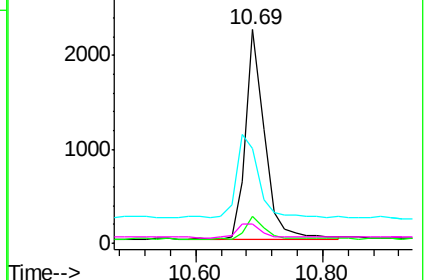
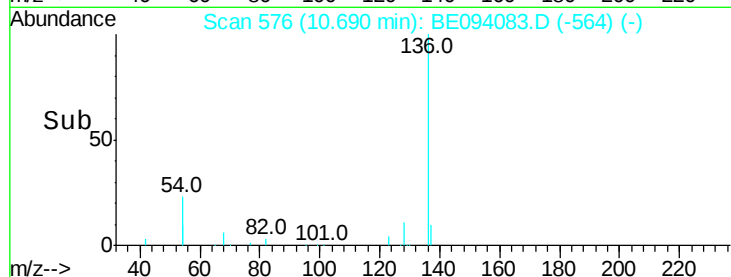


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.332 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

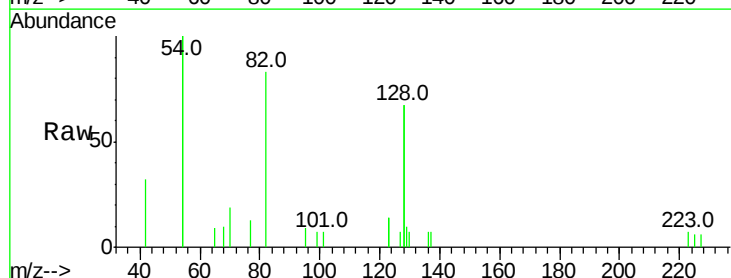
Tgt Ion: 82 Resp: 1371

Ion Ratio Lower Upper

82 100

128 161.4 150.0 225.0

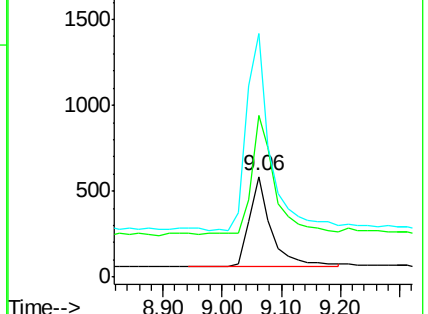
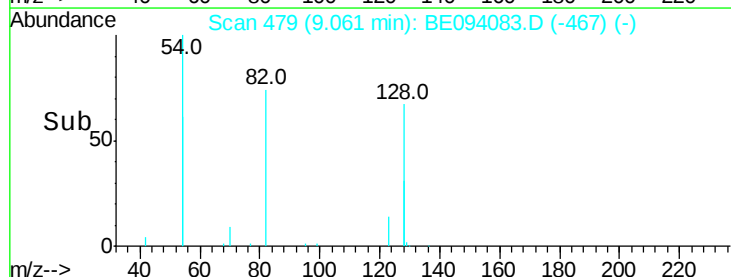
54 242.4 154.2 231.4#

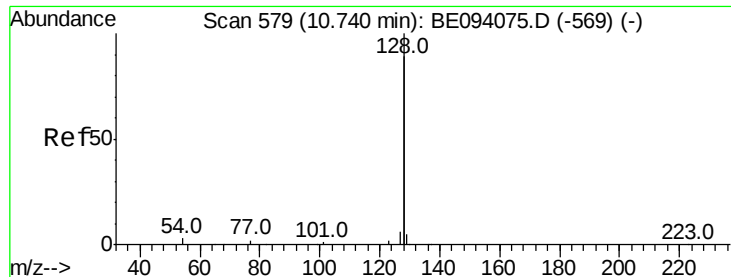


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: Below Cal

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampled :

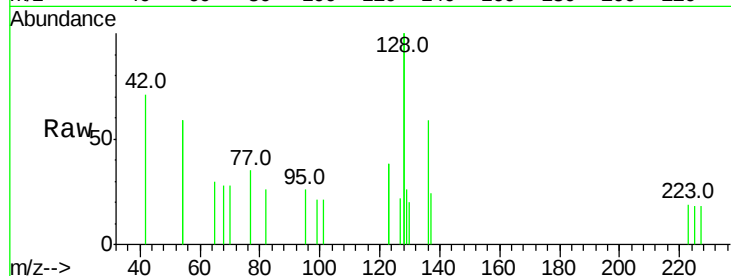
Tot Ion:128 Resp: 1611

Ion Ratio Lower Upper

128 100

129 13.2 2.6 3.8#

127 11.2 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

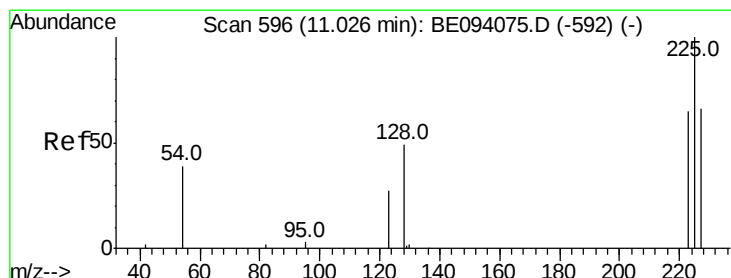
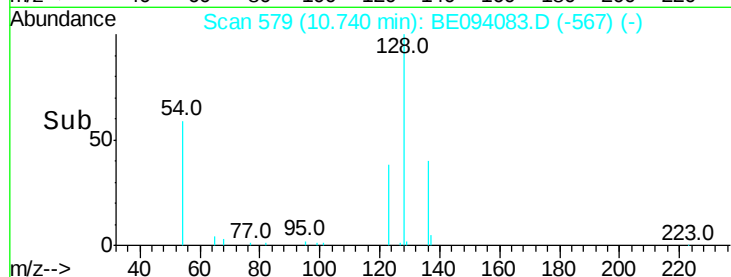
10.74

400

200

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.005 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

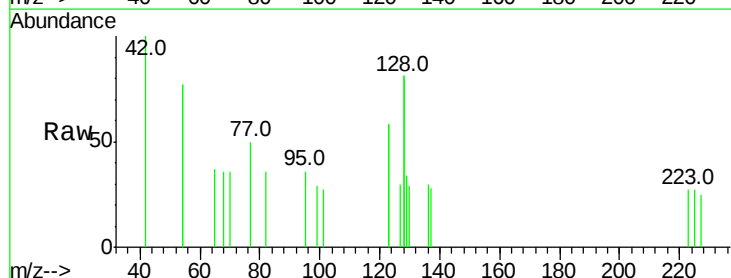
Tgt Ion:225 Resp: 9

Ion Ratio Lower Upper

225 100

223 111.1 53.0 79.6#

227 0.0 51.4 77.2#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

11.01

50

40

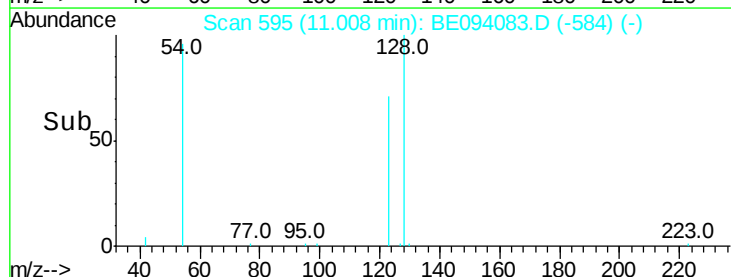
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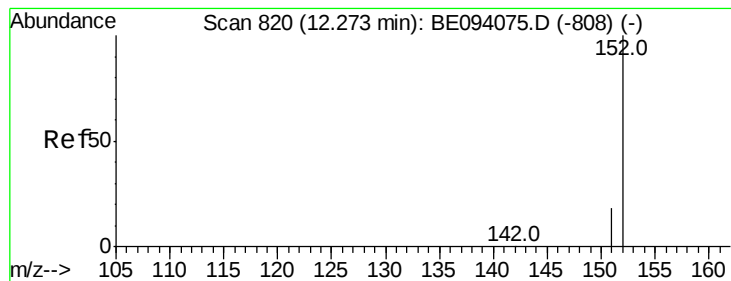
20

10

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 12.28 min Scan# 821

Delta R.T. 0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

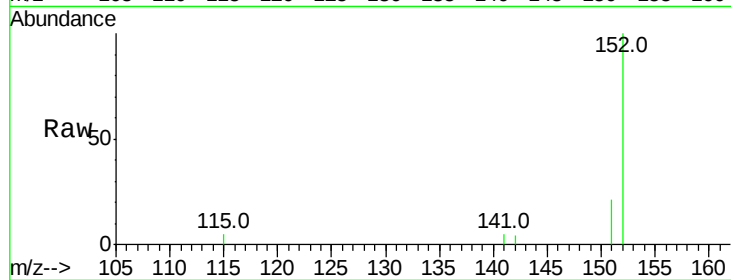
ClientSampleId :

Tot Ion:152 Resp: 2569

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1500

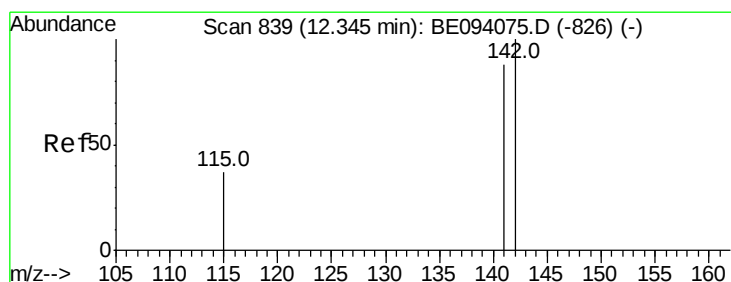
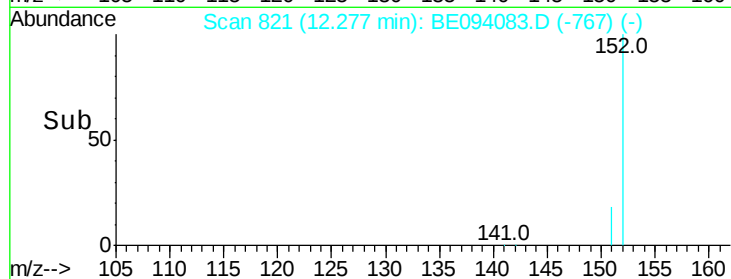
12.28

1000

500

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.34 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

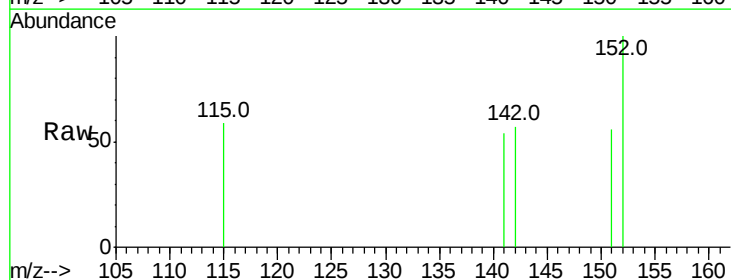
Tgt Ion:142 Resp: 11

Ion Ratio Lower Upper

142 100

141 95.2 70.4 105.6

115 103.2 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

80

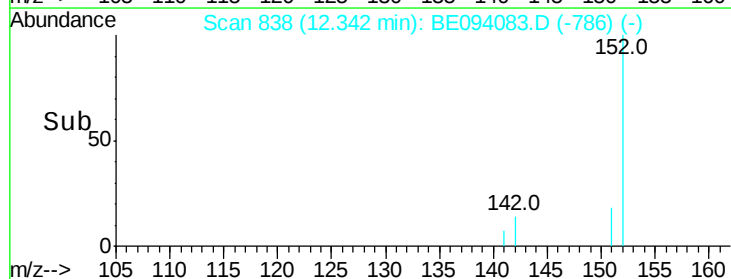
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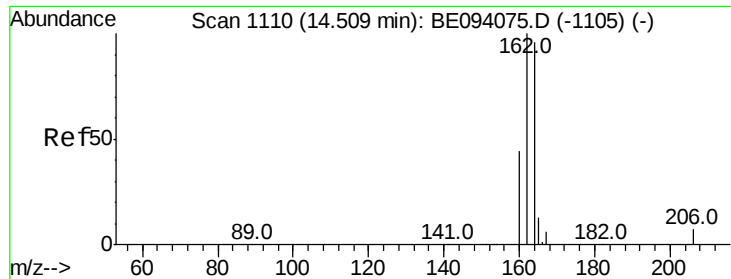
40

20

0

Time--> 12.30 12.32 12.34 12.36

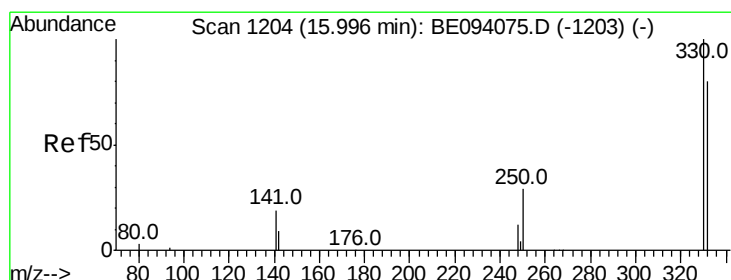
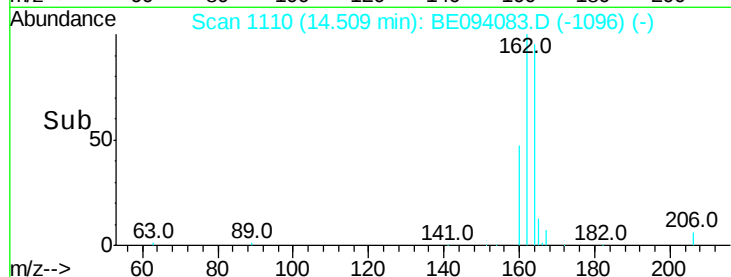
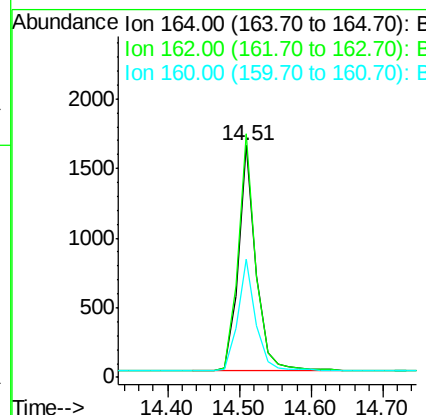
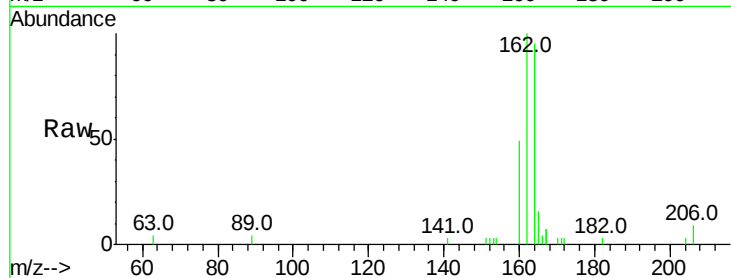




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BE094083.D
 Acq: 23 Sep 2017 18:15

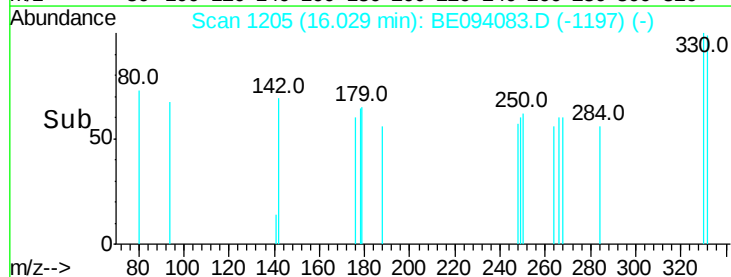
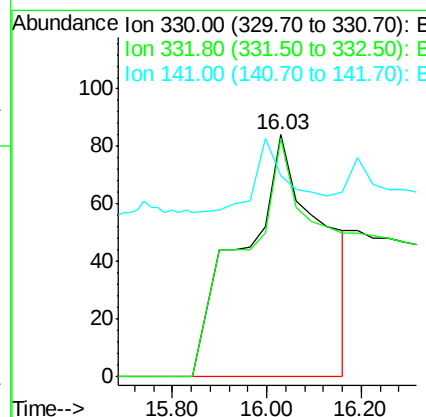
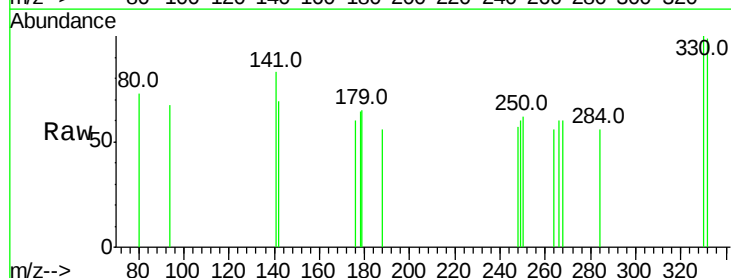
Instrument :
 BNA_E
 ClientSampleId :

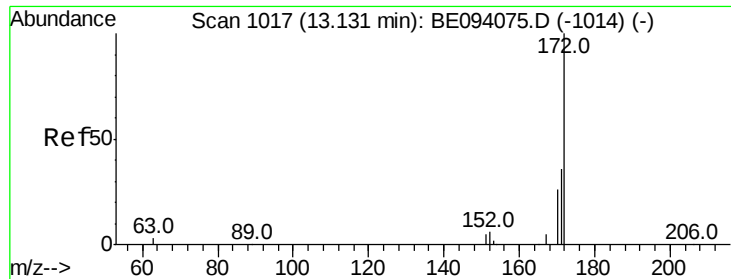
Tot Ion:164 Resp: 2785
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.1 124.7
 160 51.2 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.488 ng
 RT: 16.03 min Scan# 1205
 Delta R.T. 0.03 min
 Lab File: BE094083.D
 Acq: 23 Sep 2017 18:15

Tgt Ion:330 Resp: 1031
 Ion Ratio Lower Upper
 330 100
 332 98.2 152.7 229.1#
 141 0.0 33.7 50.5#

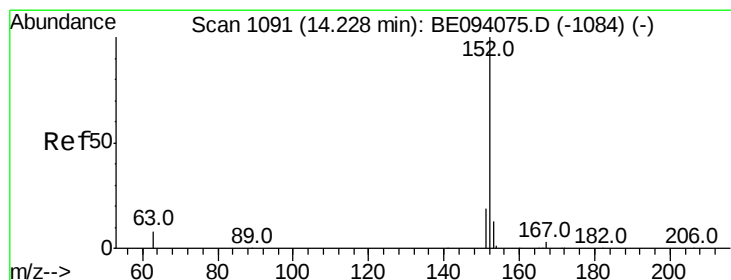
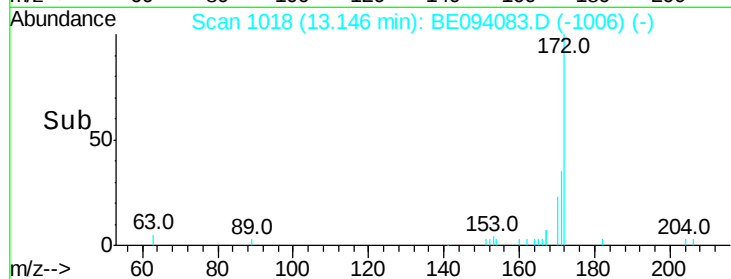
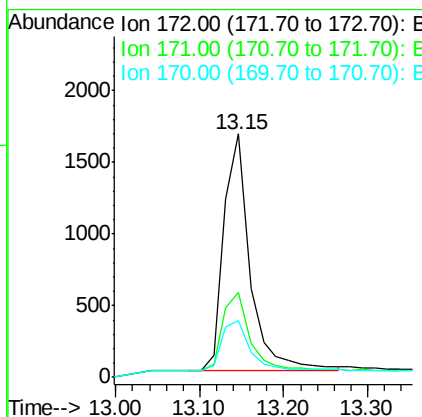
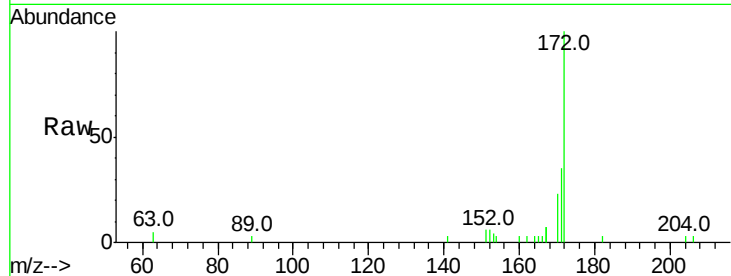




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.15 min Scan# 1018
Delta R.T. 0.02 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

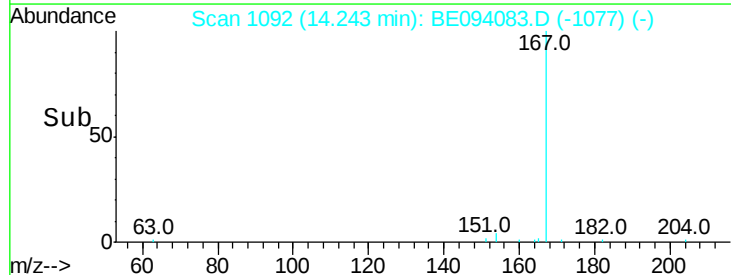
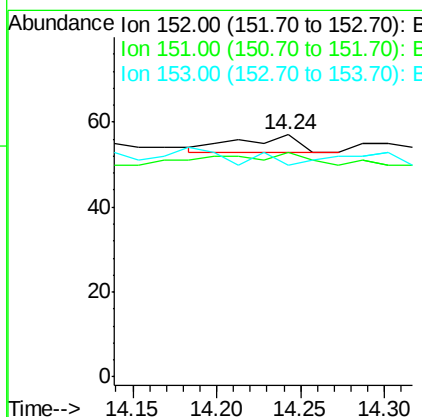
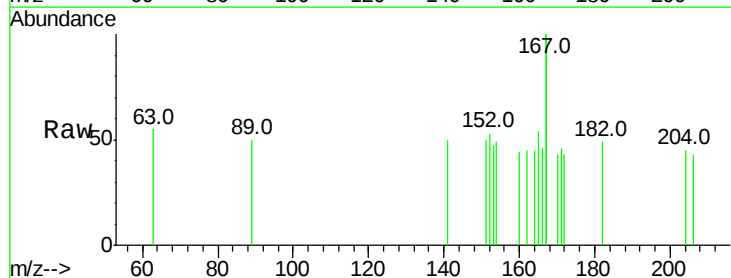
Instrument :
BNA_E
ClientSampled :

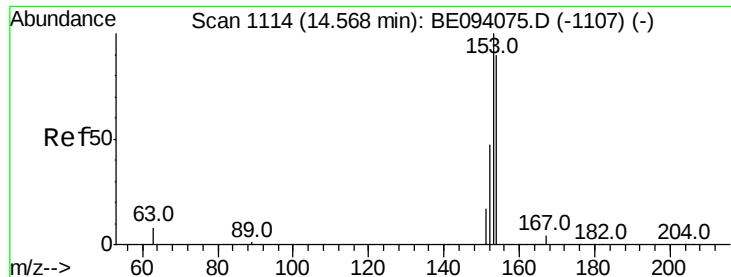
Tot Ion:172 Resp: 3595
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 23.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.24 min Scan# 1092
Delta R.T. 0.02 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Tgt Ion:152 Resp: 10
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 0.0 10.5 15.7#





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.57 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :

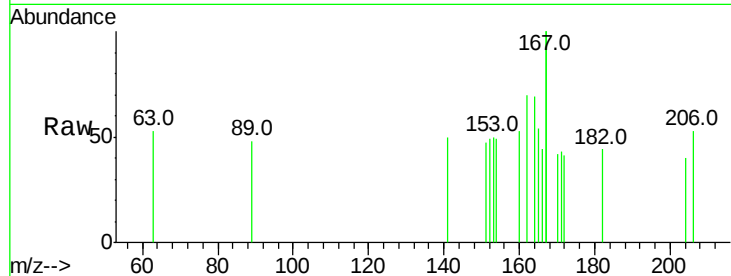
Tot Ion:154 Resp: 9

Ion Ratio Lower Upper

154 100

153 177.8 89.2 133.8#

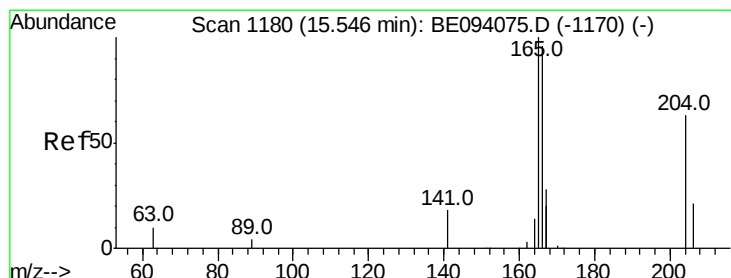
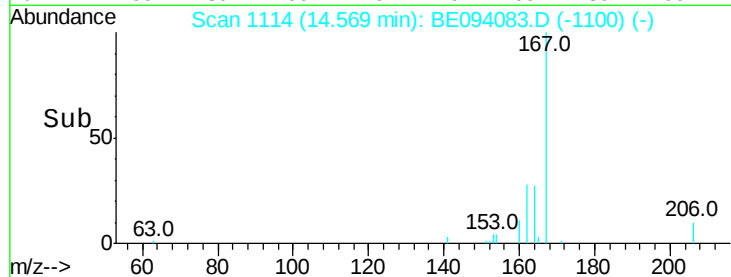
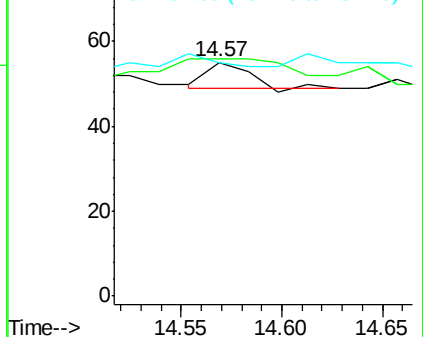
152 44.4 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.005 ng

RT: 15.56 min Scan# 1181

Delta R.T. 0.02 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

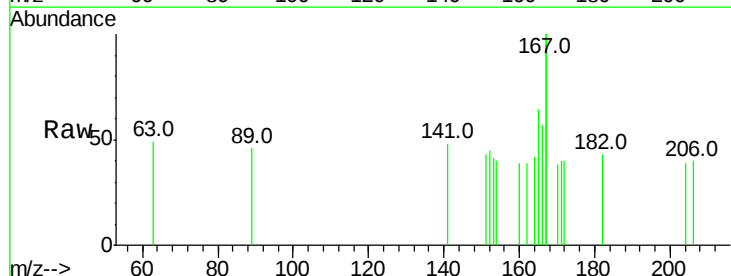
Tgt Ion:166 Resp: 68

Ion Ratio Lower Upper

166 100

165 85.3 77.8 116.6

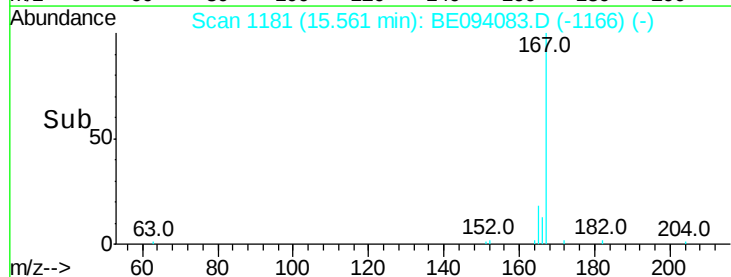
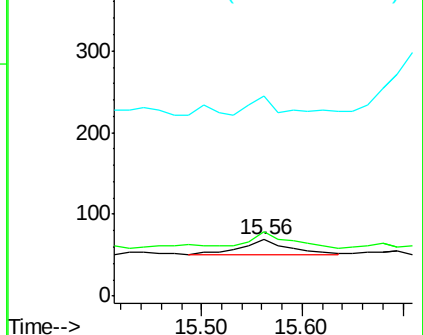
167 60.3 42.4 63.6

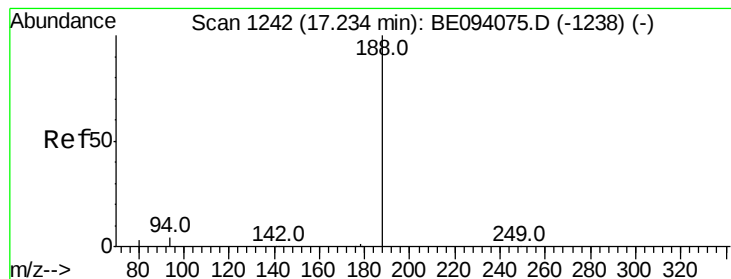


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :

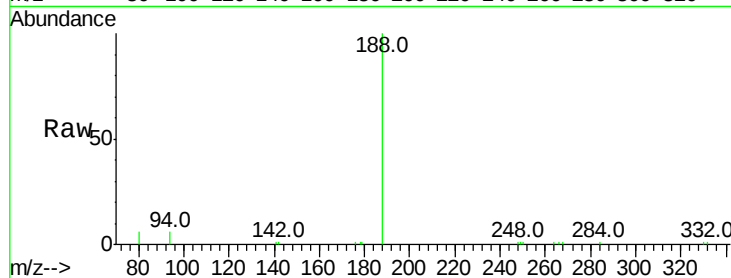
Tot Ion:188 Resp: 13542

Ion Ratio Lower Upper

188 100

94 6.1 3.9 5.9#

80 6.0 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

8000

6000

4000

2000

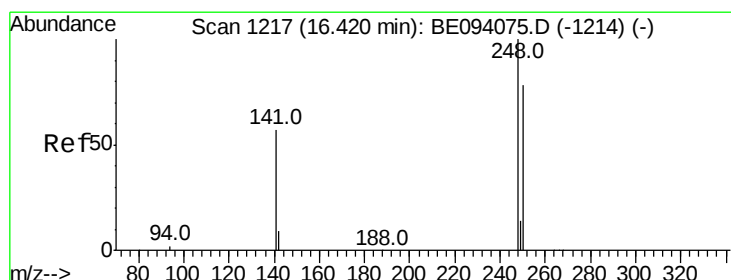
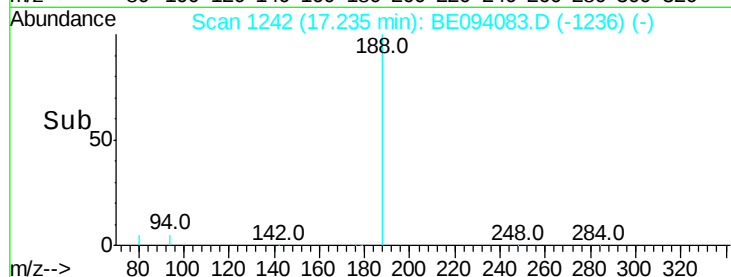
0

17.23

17.20

17.40

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.42 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

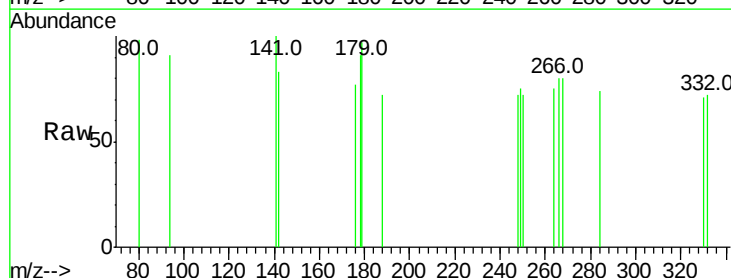
Tgt Ion:248 Resp: 16

Ion Ratio Lower Upper

248 100

250 100.0 62.7 94.1#

141 138.3 48.2 72.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

100

80

60

40

20

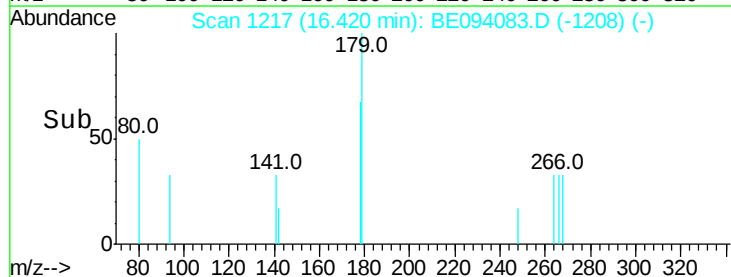
0

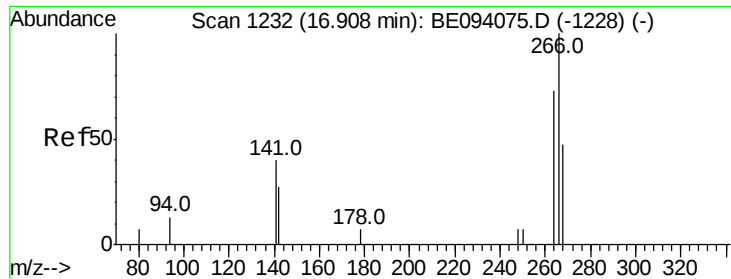
16.42

16.40

16.60

Time-->

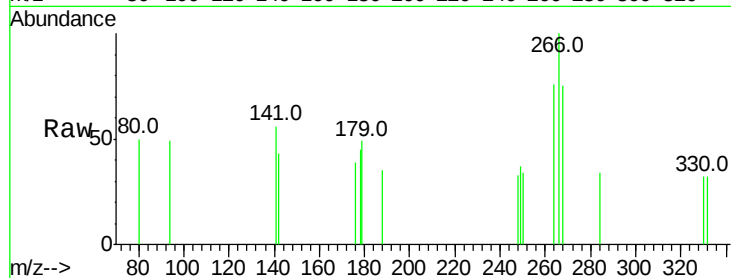




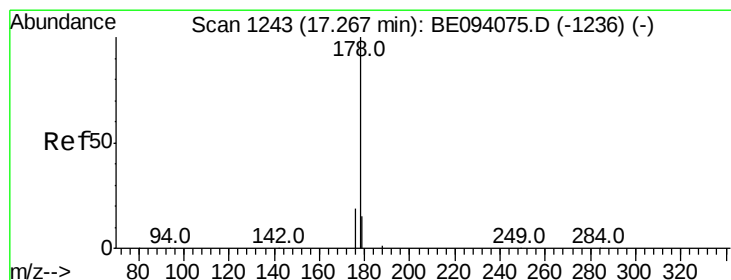
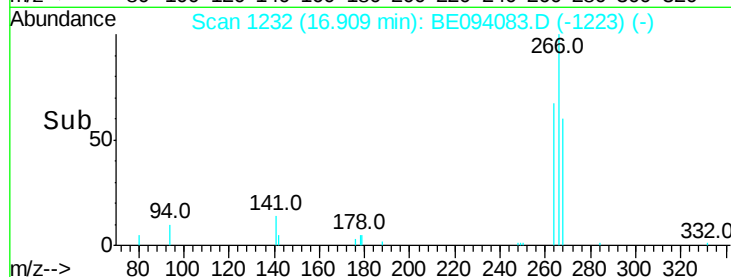
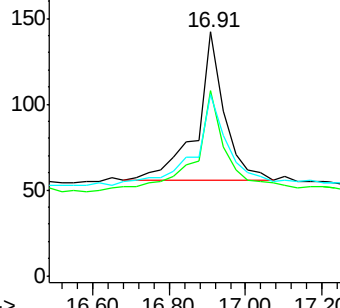
#22
 Pentachlorophenol
 Concen: 0.234 ng
 RT: 16.91 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BE094083.D
 Acq: 23 Sep 2017 18:15

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 430
 Ion Ratio Lower Upper
 266 100
 264 76.1 72.5 108.7
 268 74.6 73.8 110.6

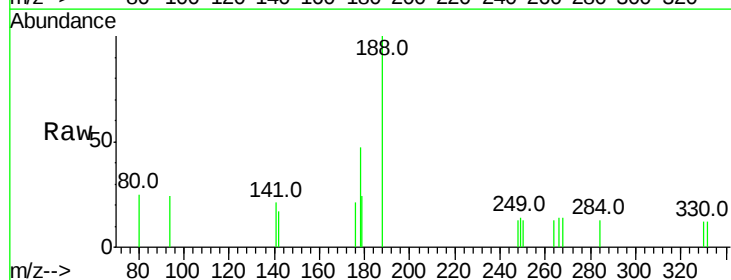


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

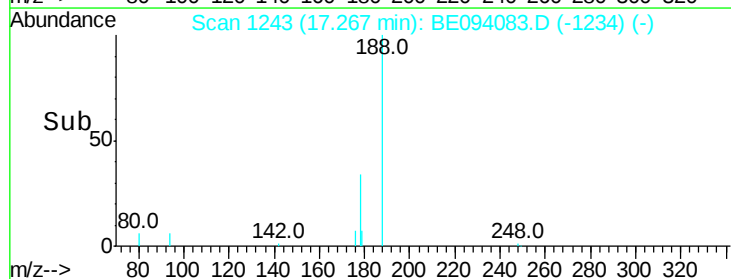
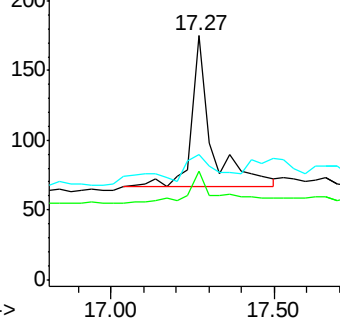


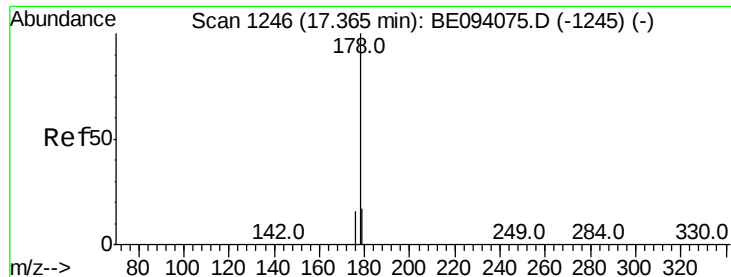
#23
 Phenanthrene
 Concen: 0.009 ng
 RT: 17.27 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE094083.D
 Acq: 23 Sep 2017 18:15

Tgt Ion:178 Resp: 450
 Ion Ratio Lower Upper
 178 100
 176 27.8 15.1 22.7#
 179 23.1 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

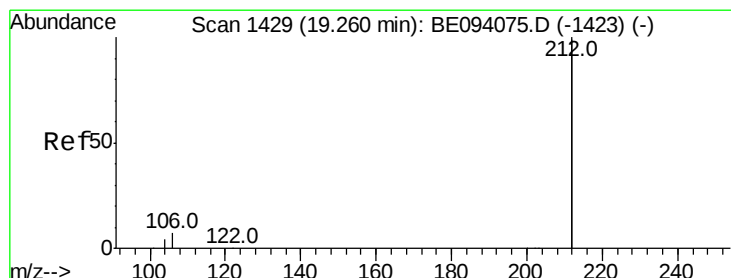
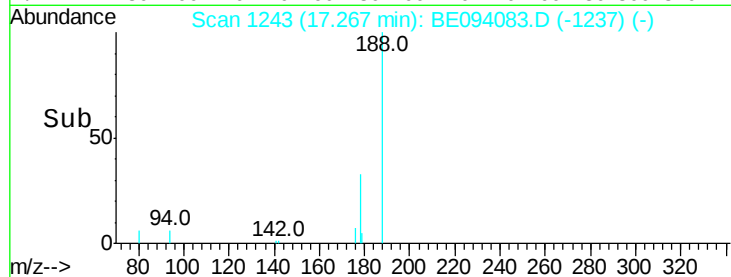
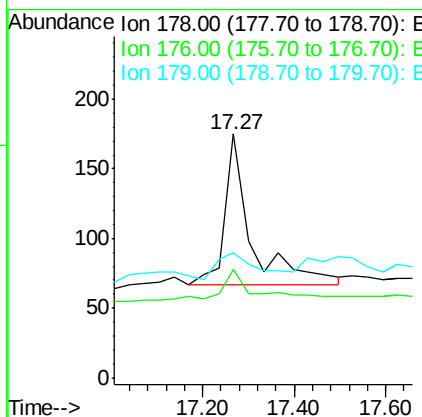
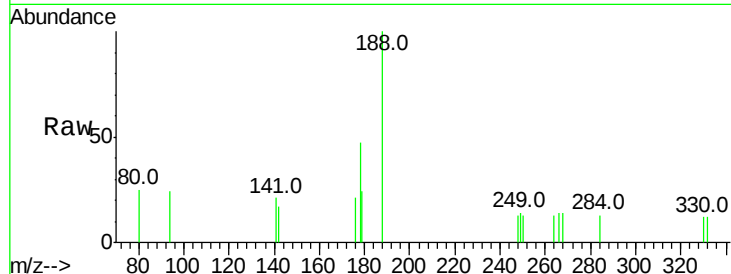




#24
 Anthracene
 Concen: 0.012 ng
 RT: 17.27 min Scan# 1243
 Delta R.T. -0.10 min
 Lab File: BE094083.D
 Acq: 23 Sep 2017 18:15

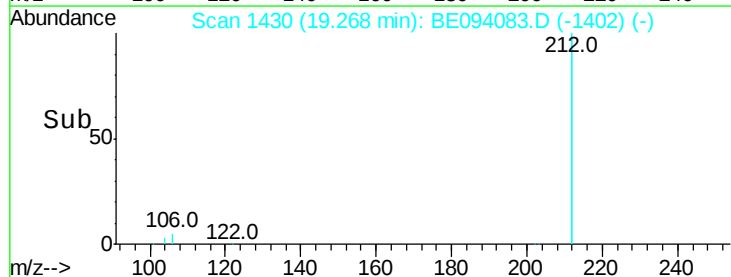
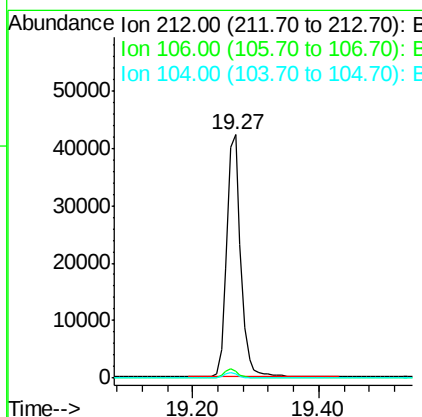
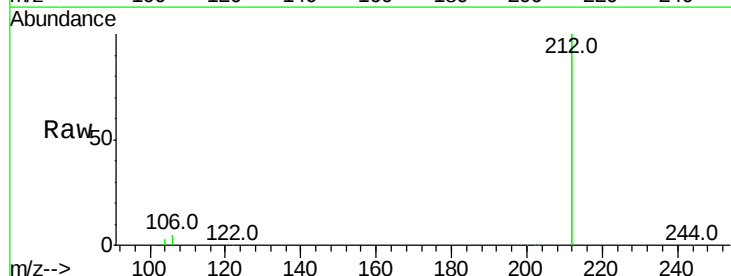
Instrument :
 BNA_E
 ClientSampleId :

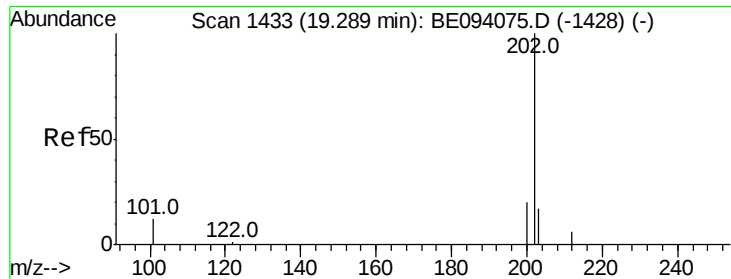
Tot Ion:178 Resp: 434
 Ion Ratio Lower Upper
 178 100
 176 18.4 12.8 19.2
 179 24.0 13.0 19.6#



#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.27 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BE094083.D
 Acq: 23 Sep 2017 18:15

Tgt Ion:212 Resp: 64741
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.8 4.2
 104 1.9 1.6 2.4

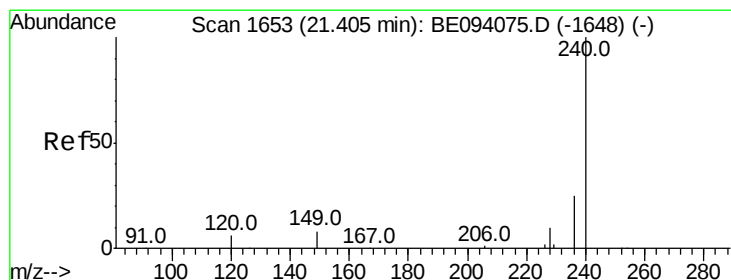
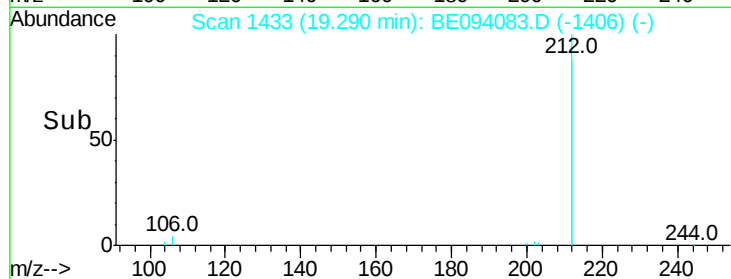
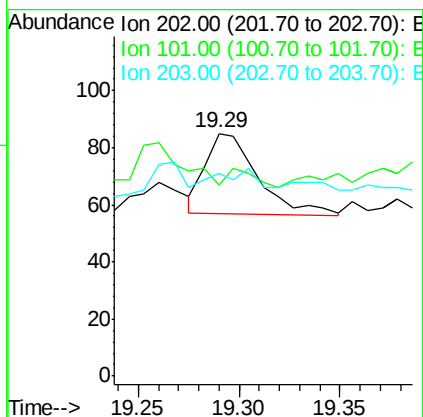
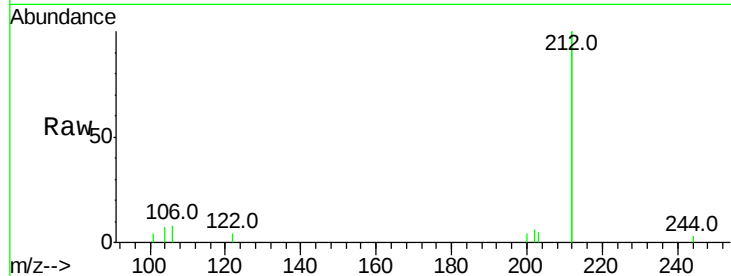




#26
Fluoranthene
Concen: 0.001 ng
RT: 19.29 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

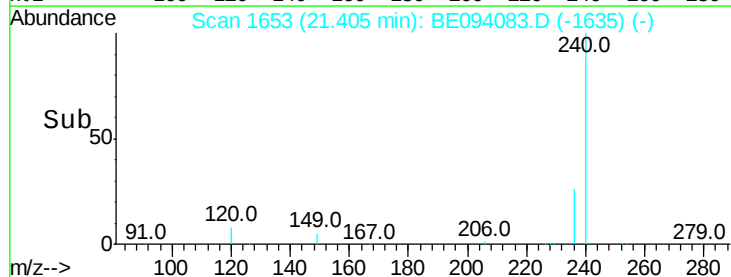
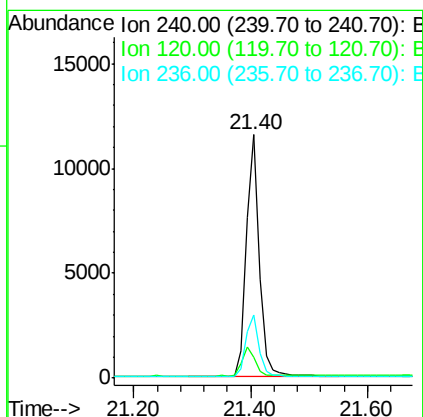
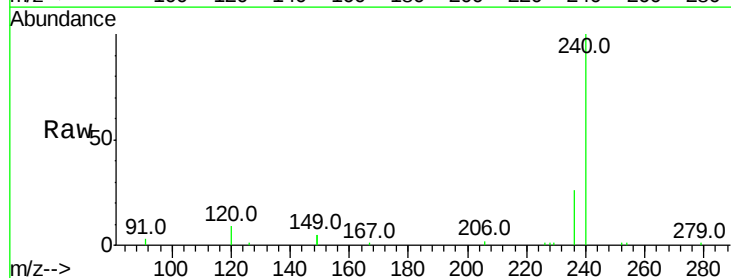
Instrument :
BNA_E
ClientSampleId :

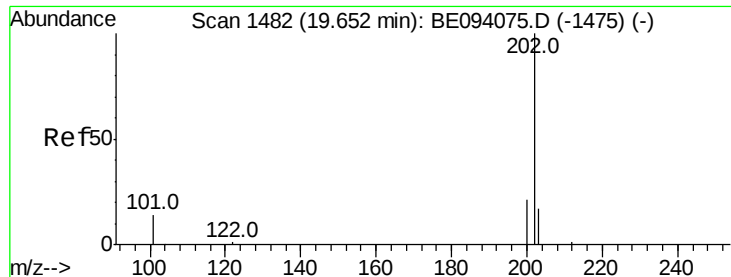
Tot Ion:202 Resp: 51
Ion Ratio Lower Upper
202 100
101 0.0 9.8 14.8#
203 13.7 13.7 20.5



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Tgt Ion:240 Resp: 18085
Ion Ratio Lower Upper
240 100
120 8.6 5.5 8.3#
236 25.9 20.7 31.1





#28

Pvrene

Concen: 0.002 ng

RT: 19.66 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampled :

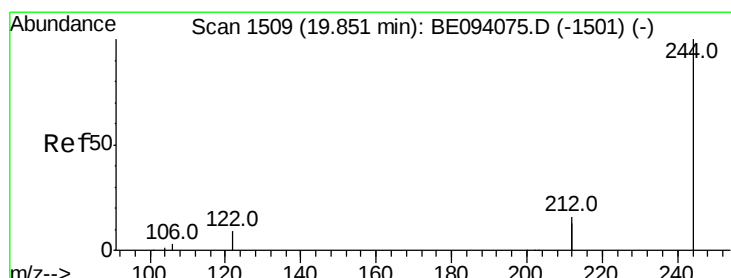
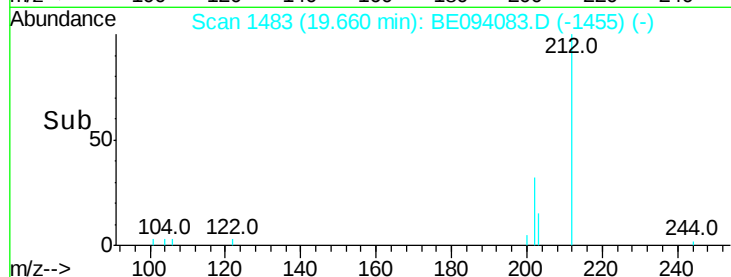
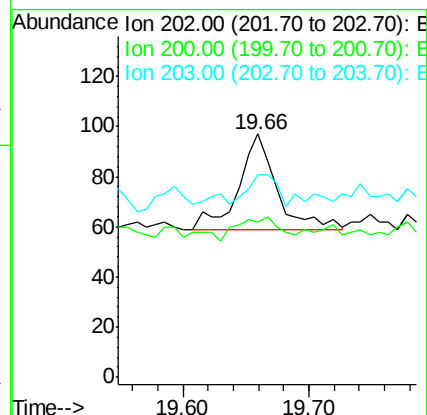
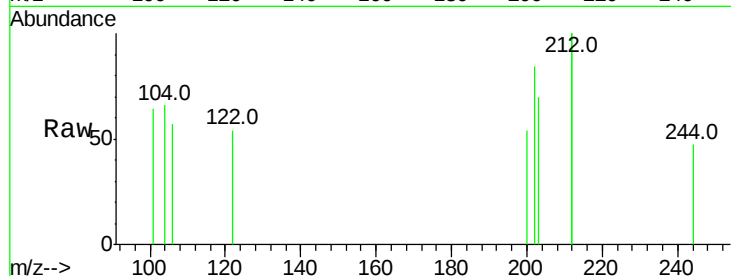
Tot Ion:202 Resp: 79

Ion Ratio Lower Upper

202 100

200 30.4 16.6 25.0#

203 25.3 13.8 20.8#



#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.84 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

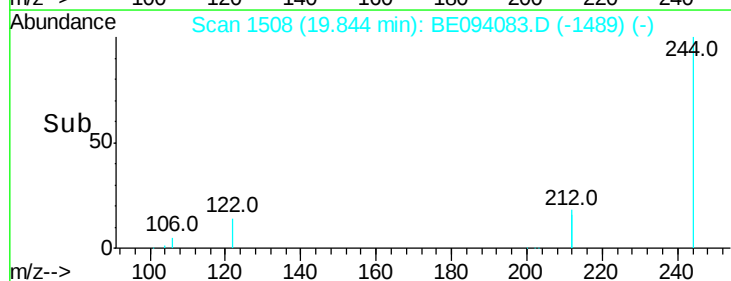
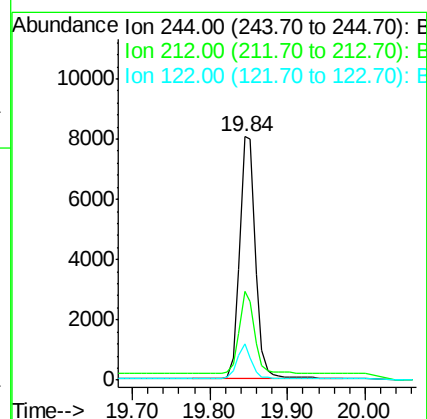
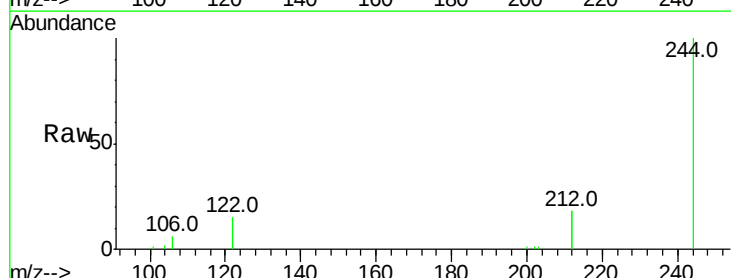
Tgt Ion:244 Resp: 11359

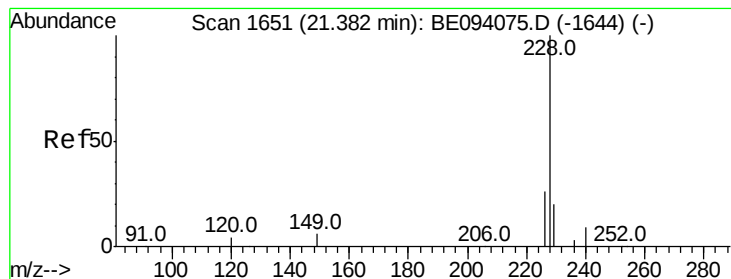
Ion Ratio Lower Upper

244 100

212 36.5 25.4 38.0

122 14.7 8.1 12.1#





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.39 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :

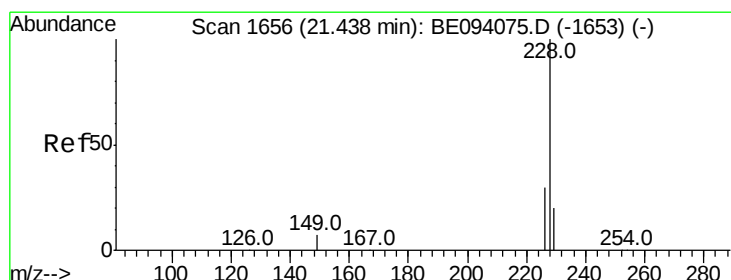
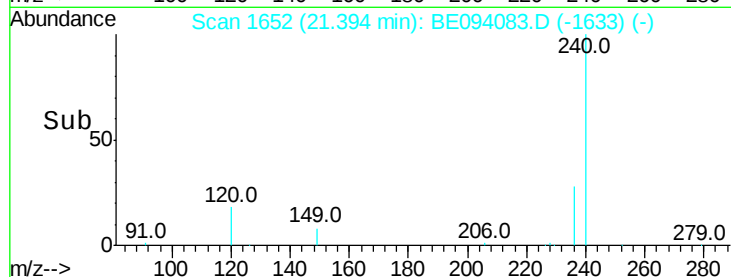
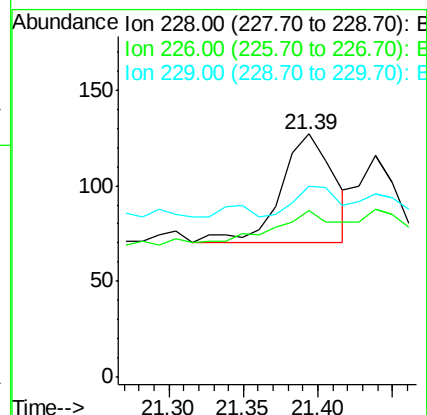
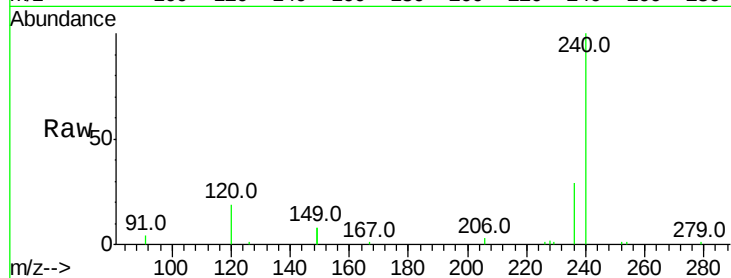
Tot Ion:228 Resp: 141

Ion Ratio Lower Upper

228 100

226 68.5 21.4 32.0#

229 78.7 16.4 24.6#



#31

Chrysene

Concen: 0.002 ng

RT: 21.39 min Scan# 1652

Delta R.T. -0.04 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

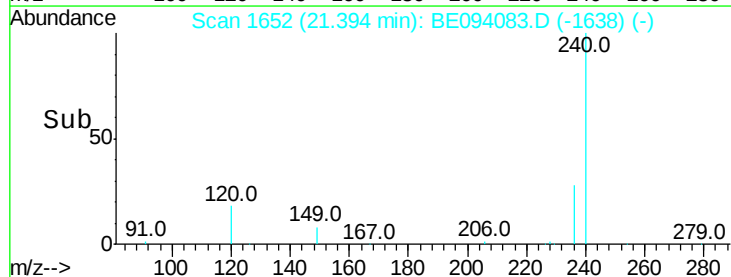
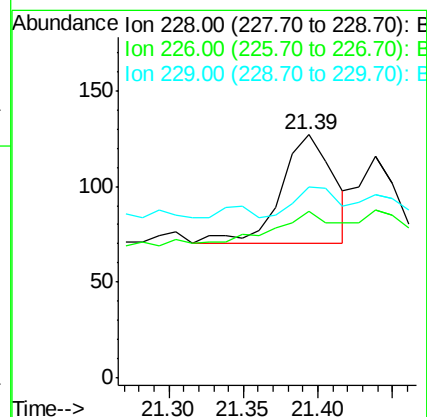
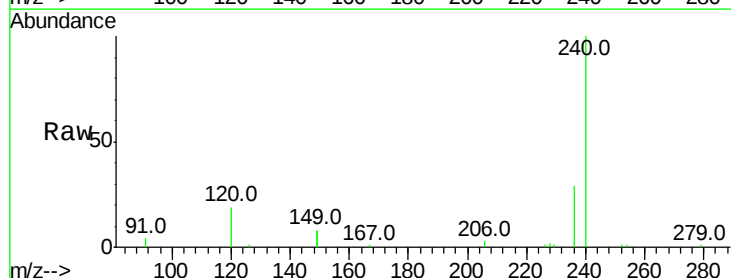
Tgt Ion:228 Resp: 141

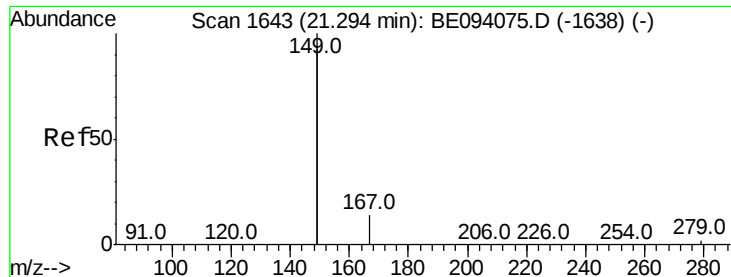
Ion Ratio Lower Upper

228 100

226 68.5 23.6 35.4#

229 78.7 16.4 24.6#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.005 ng

RT: 21.29 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampled :

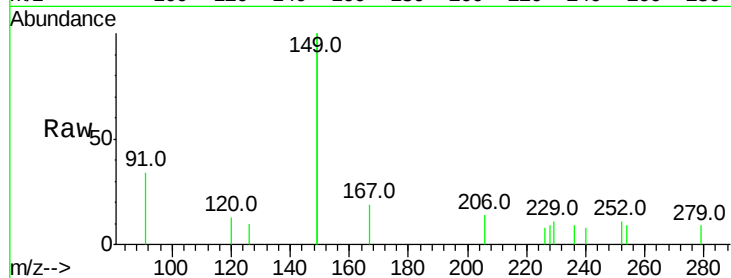
Tot Ion:149 Resp: 847

Ion Ratio Lower Upper

149 100

167 12.5 5.4 8.0#

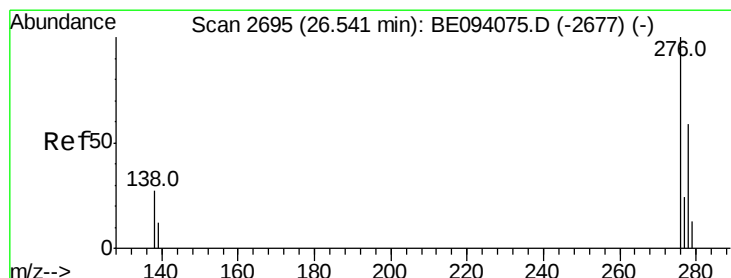
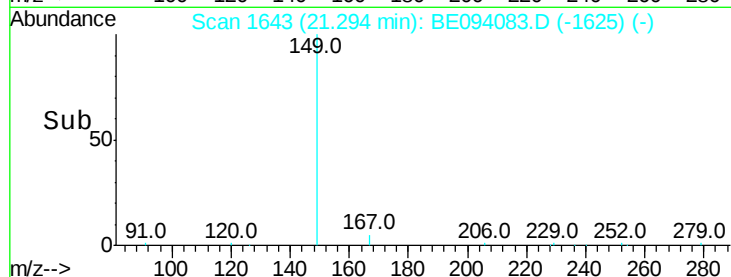
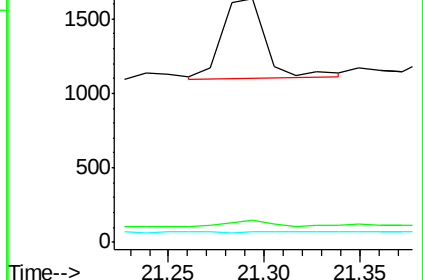
279 1.2 0.7 1.1#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 26.54 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

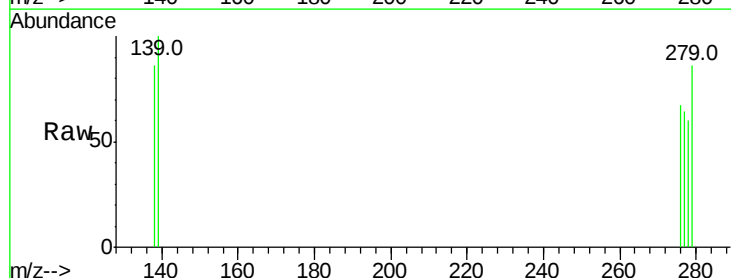
Tgt Ion:276 Resp: 2

Ion Ratio Lower Upper

276 100

138 450.0 22.5 33.7#

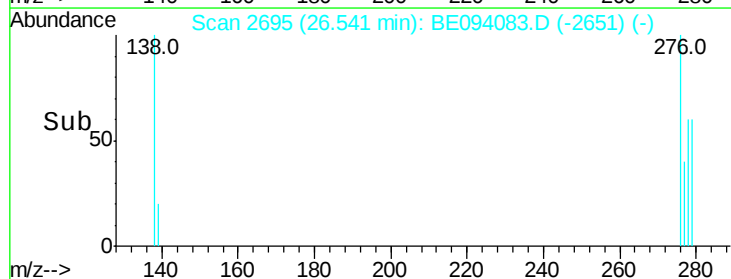
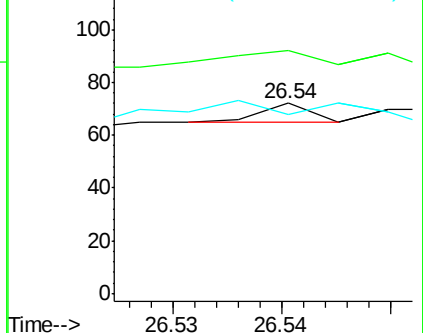
277 250.0 19.9 29.9#

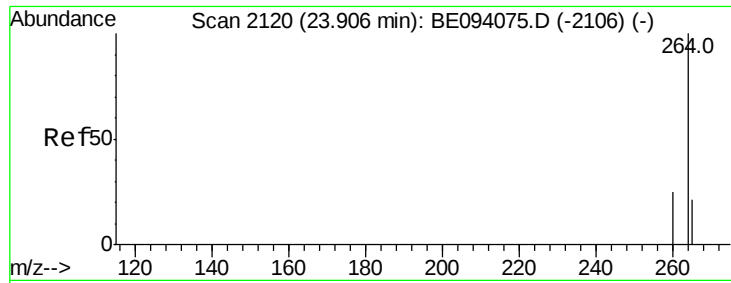


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

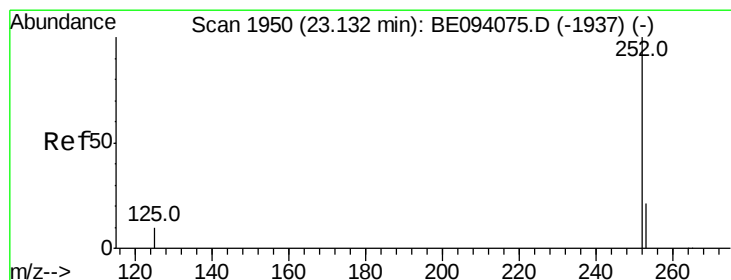
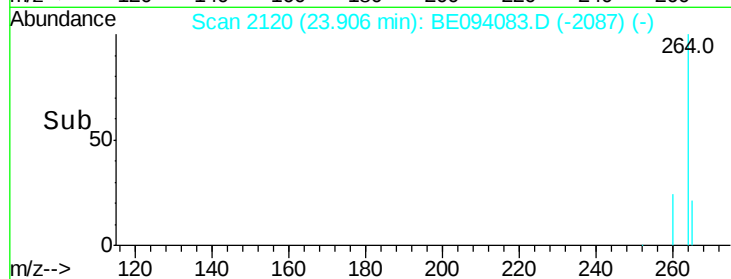
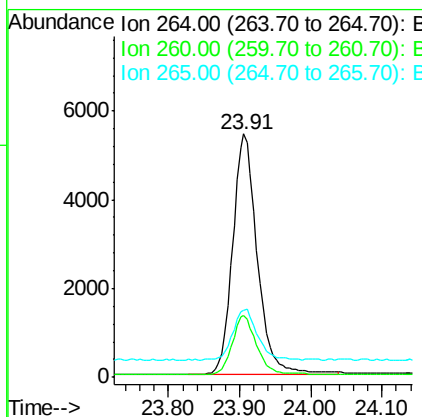
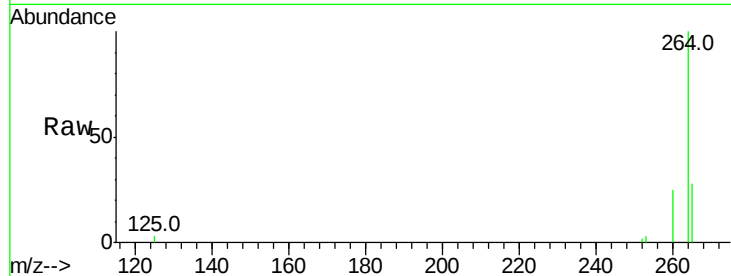




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BE094083.D
 Acq: 23 Sep 2017 18:15

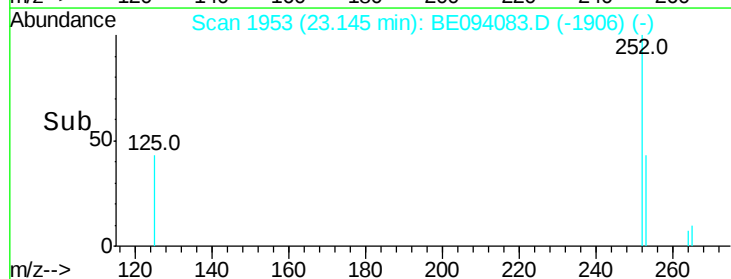
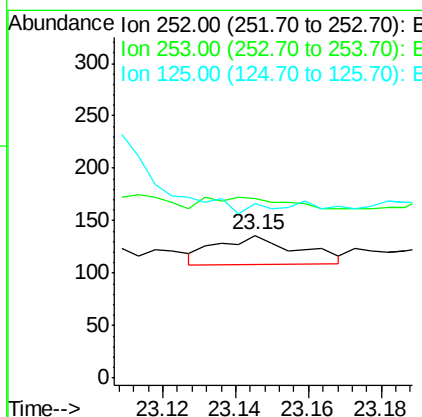
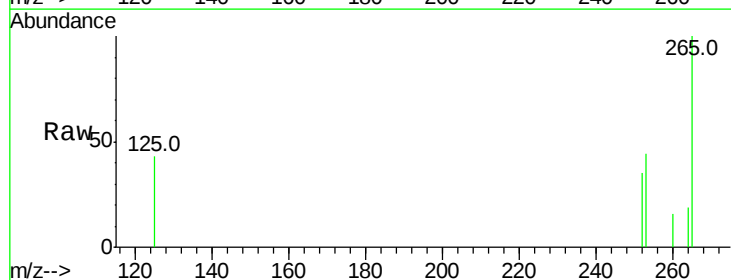
Instrument :
 BNA_E
 ClientSampleId :

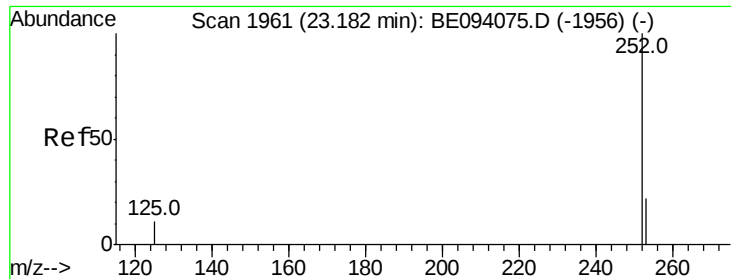
Tot Ion:264 Resp: 12910
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 27.6 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.001 ng
 RT: 23.15 min Scan# 1953
 Delta R.T. 0.01 min
 Lab File: BE094083.D
 Acq: 23 Sep 2017 18:15

Tgt Ion:252 Resp: 42
 Ion Ratio Lower Upper
 252 100
 253 125.7 18.2 27.2#
 125 122.1 10.1 15.1#





#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 23.20 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :

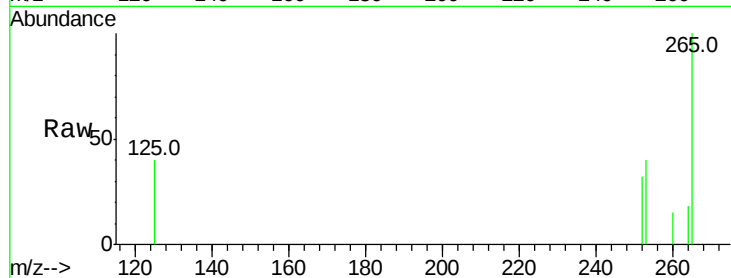
Tot Ion:252 Resp: 28

Ion Ratio Lower Upper

252 100

253 125.6 18.6 27.8#

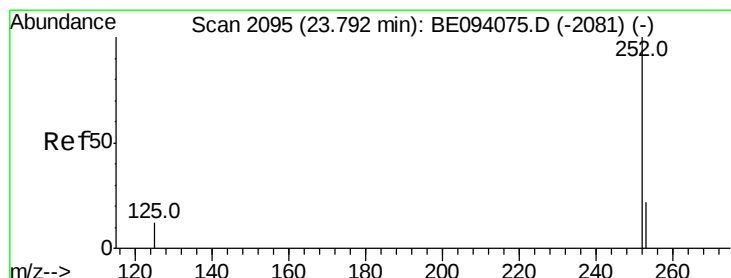
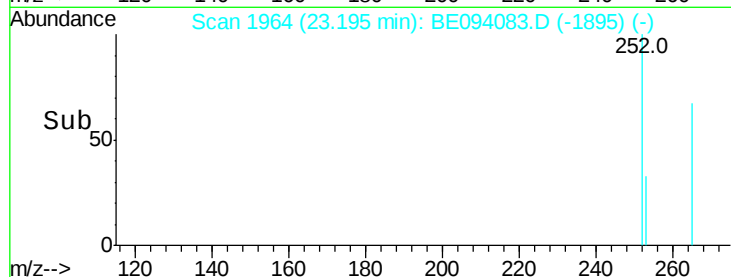
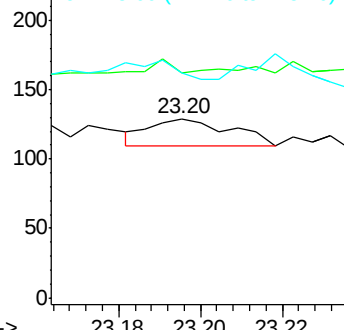
125 125.6 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.77 min Scan# 2090

Delta R.T. -0.02 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

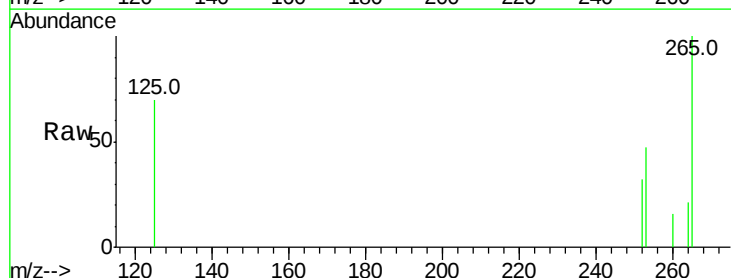
Tgt Ion:252 Resp: 9

Ion Ratio Lower Upper

252 100

253 145.7 19.0 28.6#

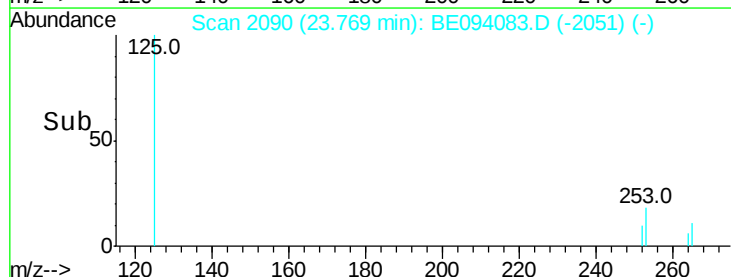
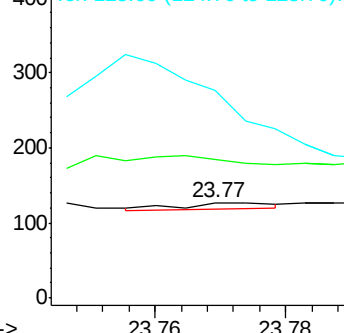
125 217.3 11.8 17.8#

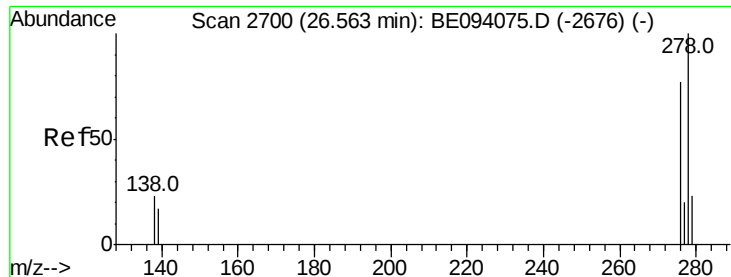


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.60 min Scan# 2708

Delta R.T. 0.04 min

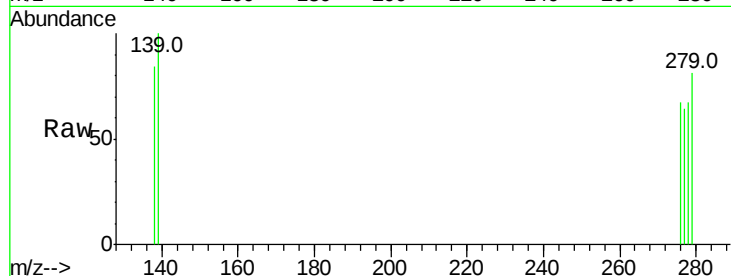
Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :



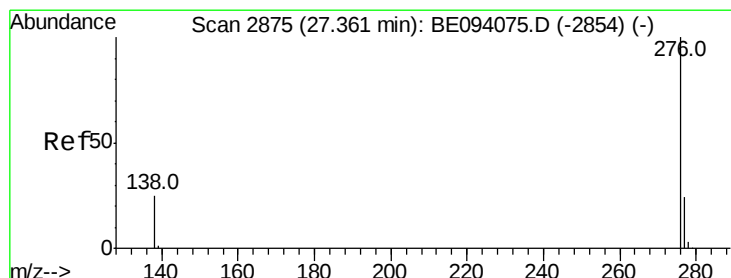
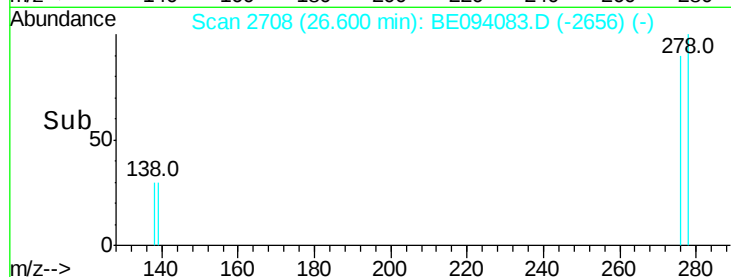
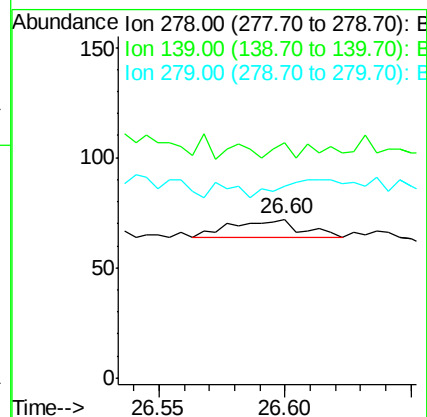
Tot Ion:278 Resp: 15

Ion Ratio Lower Upper

278 100

139 148.6 16.3 24.5#

279 120.8 19.9 29.9#



#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 27.35 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

276 100

277 101.4 20.8 31.2#

138 124.3 21.5 32.3#

