

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094191.D
 Acq On : 6 Oct 2017 22:28
 Operator : SJ/JU
 Sample : I5571-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-C-DMS

Quant Time: Oct 07 01:15:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1709	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8310	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4844	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13138	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11240	0.40	ng	0.00
34) Perylene-d12	23.90	264	10147	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	152572	26.79	ng	0.00
5) Phenol-d6	7.07	99	147042	17.81	ng	-0.01
8) Nitrobenzene-d5	9.05	82	498253	72.01	ng	-0.02
11) 2-Methylnaphthalene-d10	12.22	152	65862	5.14	ng	-0.05
14) 2,4,6-Tribromophenol	16.00	330	151572	71.98	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	965971	58.21	ng	0.00
25) Fluoranthene-d10	19.26	212	190	0.00	ng	0.00
29) Terphenyl-d14	19.85	244	1053268	49.62	ng	0.00

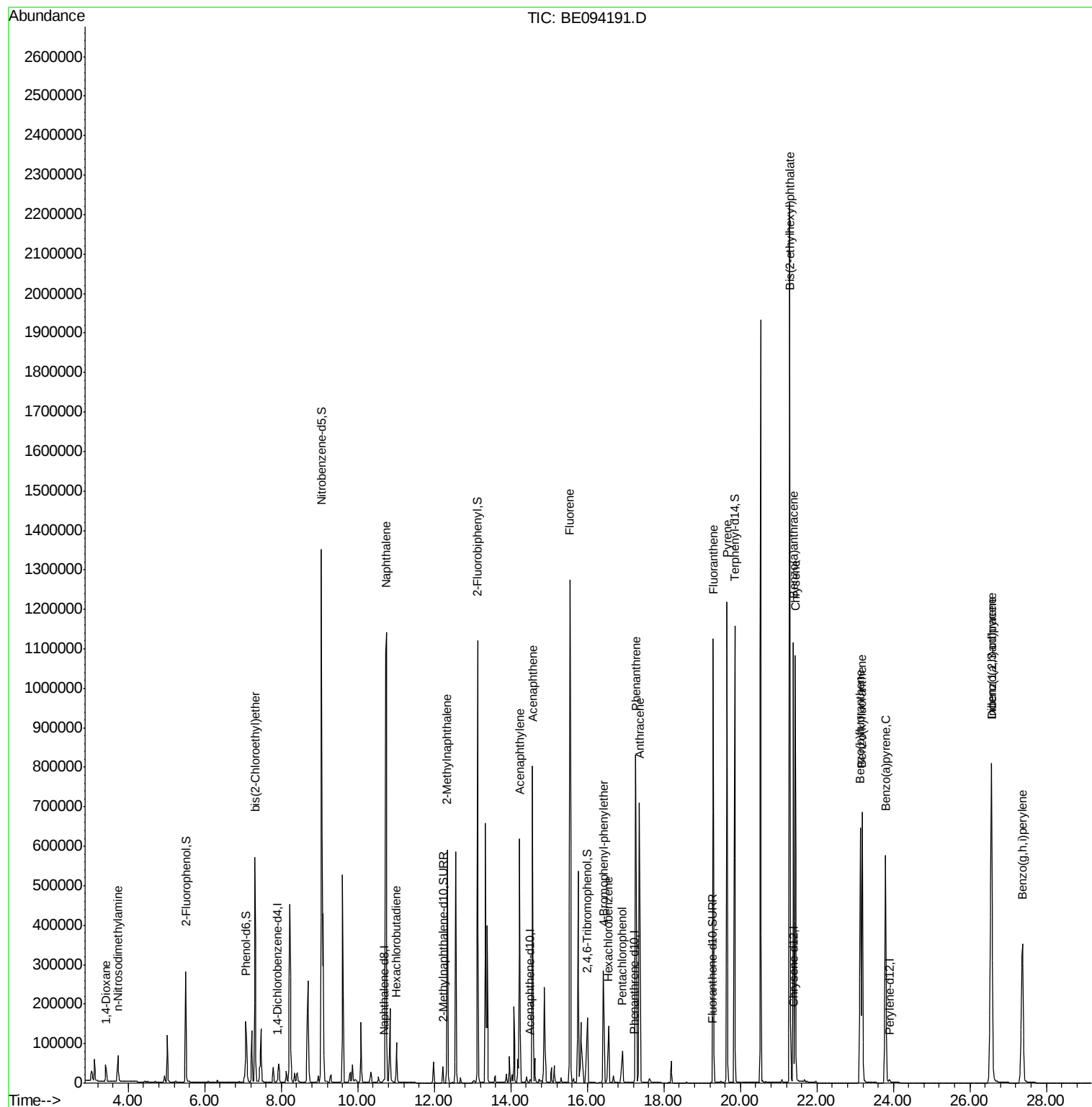
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	27584	8.908	ng	# 79
3) n-Nitrosodimethylamine	3.73	42	41876	12.609	ng	# 92
6) bis(2-Chloroethyl)ether	7.31	93	180709	26.964	ng	92
9) Naphthalene	10.74	128	2305470	24.634	ng	99
10) Hexachlorobutadiene	11.01	225	76410	21.517	ng	98
12) 2-Methylnaphthalene	12.34	142	414768	26.979	ng	99
16) Acenaphthylene	14.23	152	685566	27.948	ng	99
17) Acenaphthene	14.57	154	416107	25.682	ng	99
18) Fluorene	15.55	166	552613	26.037	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	224078	29.599	ng	# 80
21) Hexachlorobenzene	16.55	284	164905	24.247	ng	# 94
22) Pentachlorophenol	16.91	266	72565	39.375	ng	# 72
23) Phenanthrene	17.27	178	1240132	27.234	ng	99
24) Anthracene	17.37	178	1050171	30.249	ng	99
26) Fluoranthene	19.29	202	1036692	25.965	ng	99
28) Pyrene	19.65	202	1069432	27.661	ng	99
30) Benzo(a)anthracene	21.38	228	1012793	27.421	ng	98
31) Chrysene	21.44	228	950896	26.096	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	2651002	31.166	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	1029284	28.451	ng	99
35) Benzo(b)fluoranthene	23.14	252	930899	27.274	ng	98
36) Benzo(k)fluoranthene	23.19	252	954711	27.519	ng	97
37) Benzo(a)pyrene	23.79	252	904437	28.040	ng	96
38) Dibenzo(a,h)anthracene	26.57	278	873747	29.216	ng	96
39) Benzo(g,h,i)perylene	27.38	276	850495	27.840	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

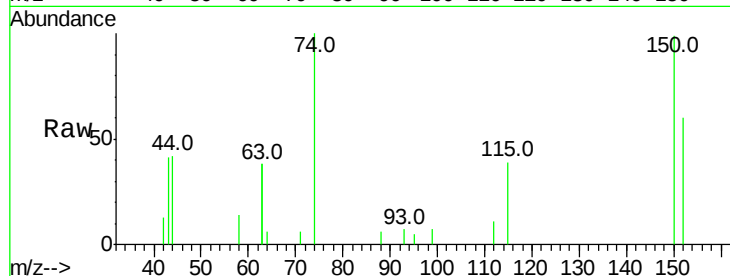
Tot Ion:152 Resp: 1709

Ion Ratio Lower Upper

152 100

150 165.0 117.2 175.8

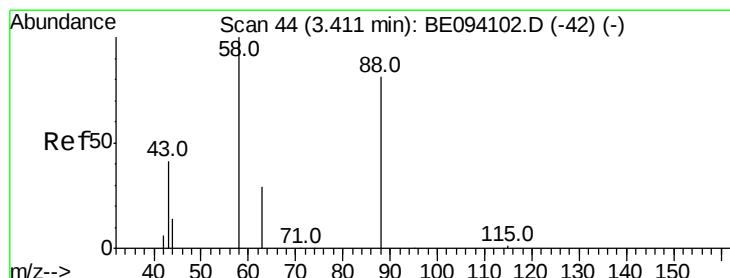
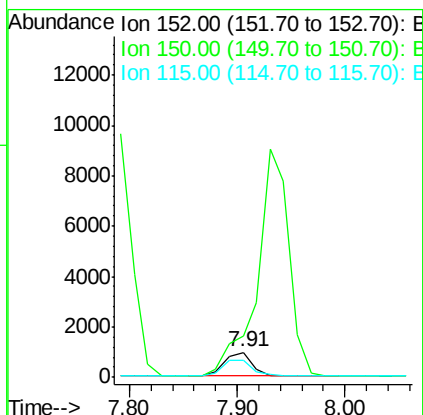
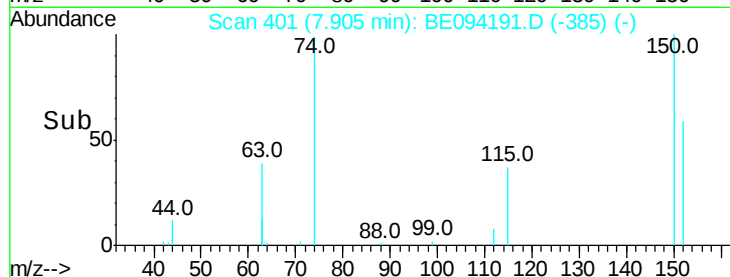
115 65.8 57.0 85.6



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: 8.908 ng

RT: 3.42 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

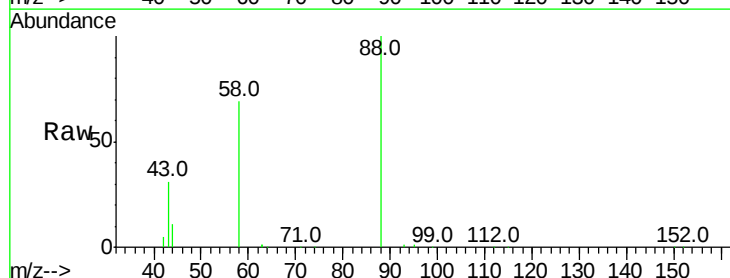
Tgt Ion: 88 Resp: 27584

Ion Ratio Lower Upper

88 100

58 97.0 63.2 94.8#

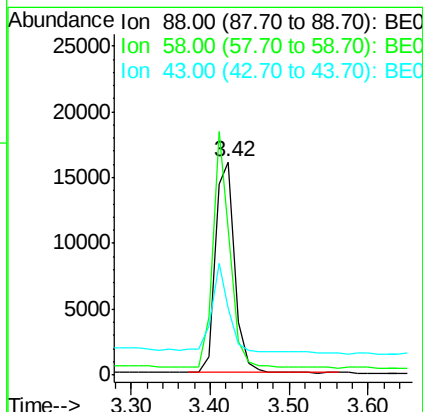
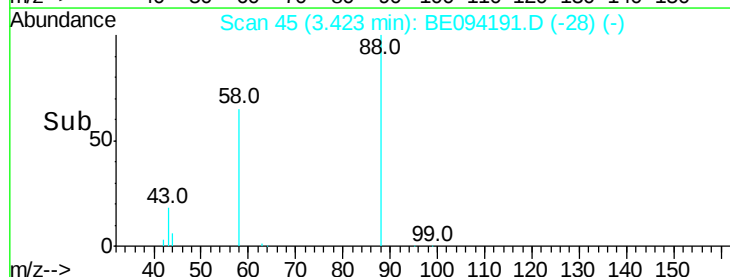
43 36.7 41.2 61.8#



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



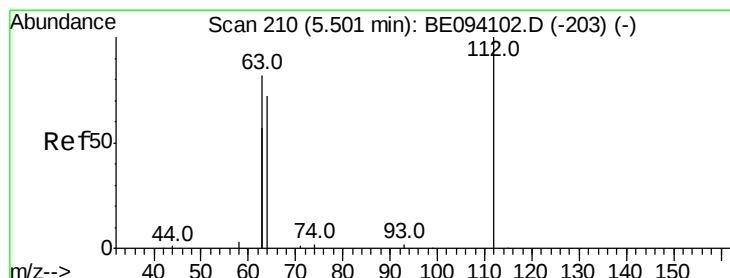
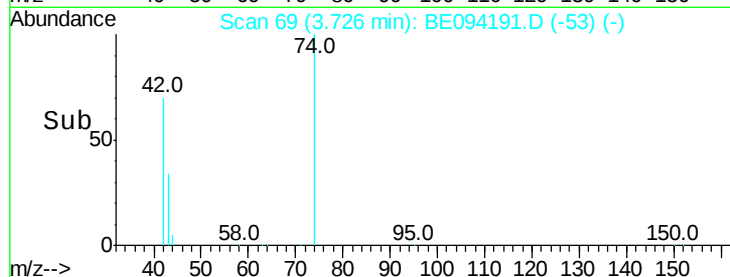
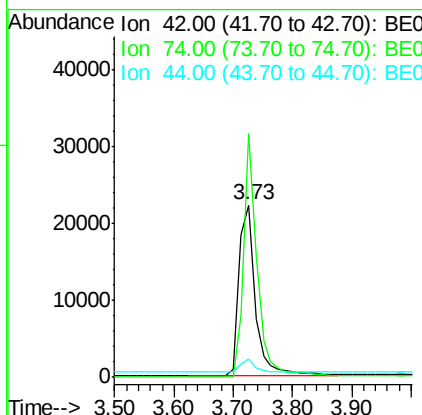
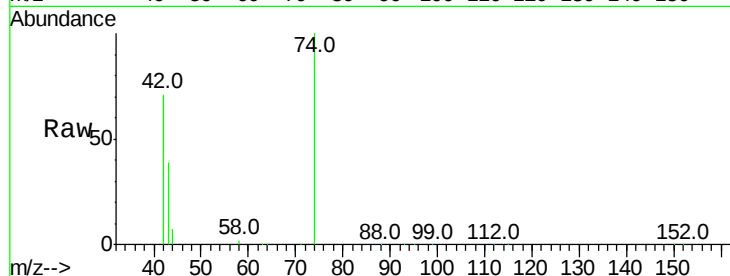


#3

n-Nitrosodimethylamine
 Concen: 12.609 ng
 RT: 3.73 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BE094191.D
 Acq: 6 Oct 2017 22:28

Instrument :
 BNA_E
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 PAMT-COMP-C-DMS

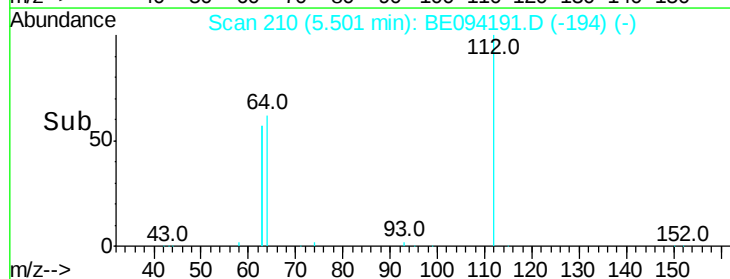
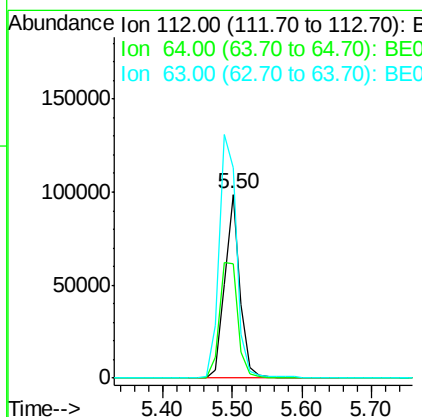
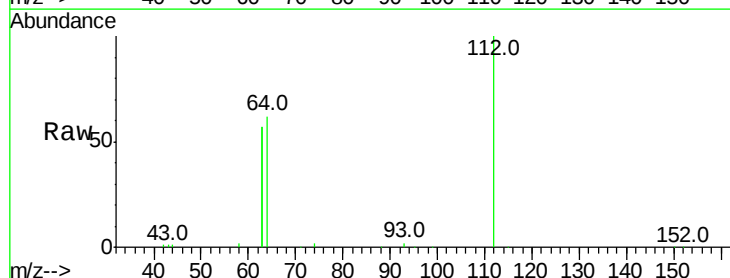
Tot Ion: 42 Resp: 41876
 Ion Ratio Lower Upper
 42 100
 74 119.8 100.3 150.5
 44 7.3 17.0 25.4#



#4

2-Fluorophenol
 Concen: 26.790 ng
 RT: 5.50 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: BE094191.D
 Acq: 6 Oct 2017 22:28

Tgt Ion: 112 Resp: 152572
 Ion Ratio Lower Upper
 112 100
 64 76.0 60.1 90.1
 63 150.5 116.8 175.2





#5

Phenol-d6

Concen: 17.810 ng

RT: 7.07 min Scan# 335

Delta R.T. -0.01 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

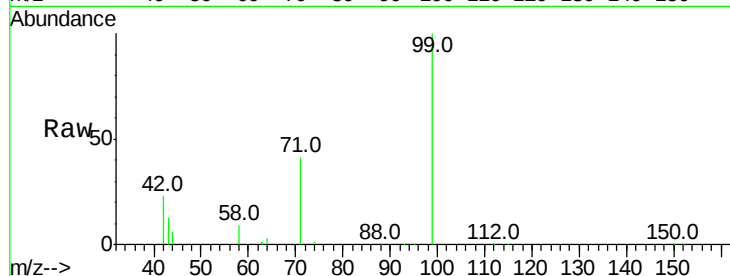
Tot Ion: 99 Resp: 147042

Ion Ratio Lower Upper

99 100

42 21.4 20.2 30.2

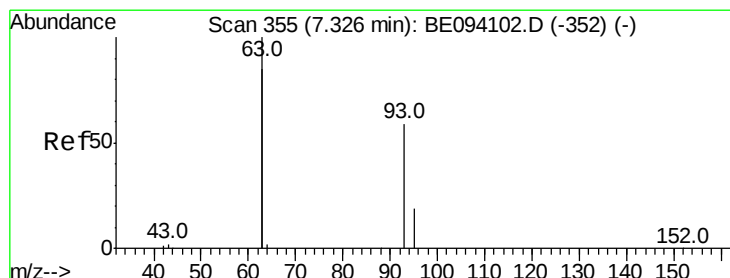
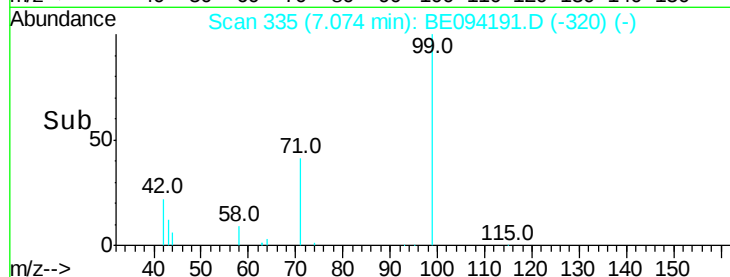
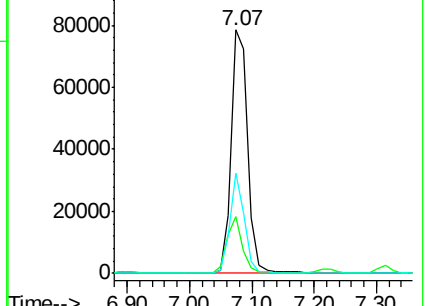
71 36.0 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 26.964 ng

RT: 7.31 min Scan# 354

Delta R.T. -0.01 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

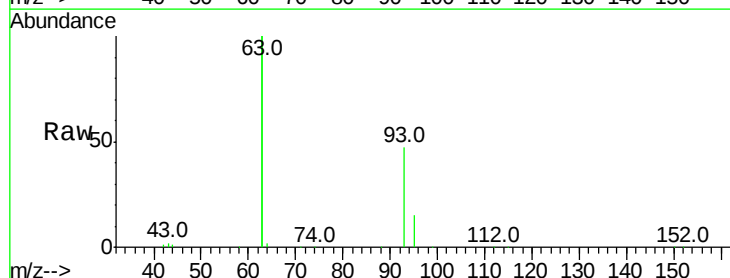
Tgt Ion: 93 Resp: 180709

Ion Ratio Lower Upper

93 100

63 363.7 275.3 412.9

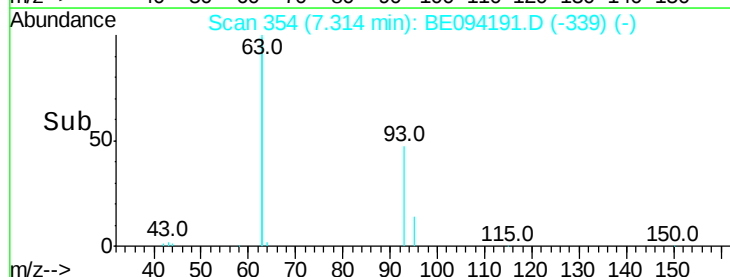
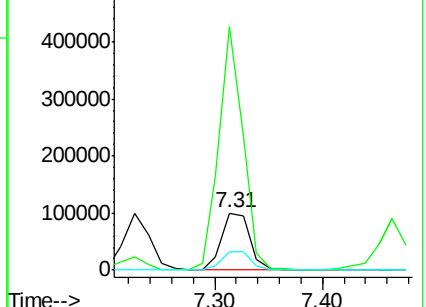
95 32.2 25.2 37.8

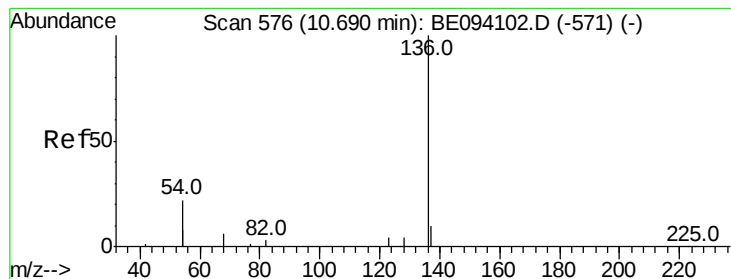


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

Tot Ion:136 Resp: 8310

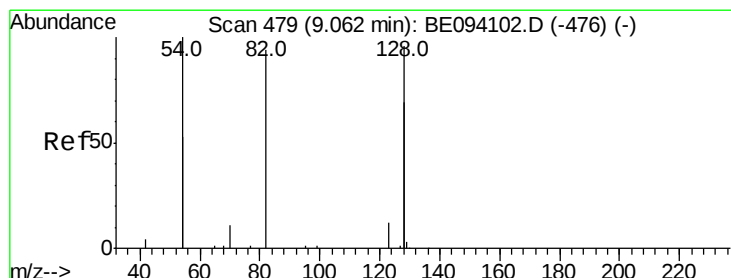
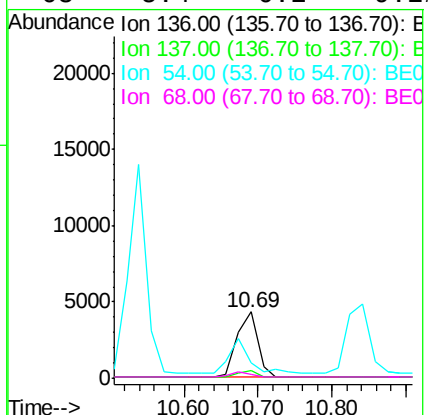
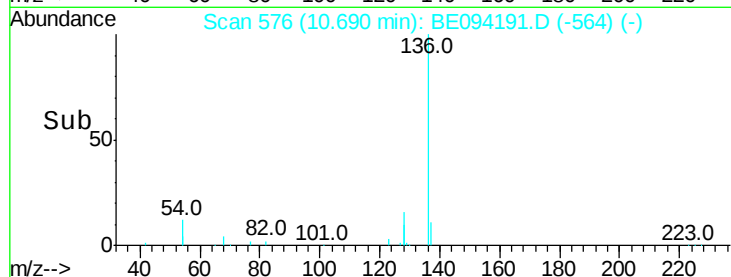
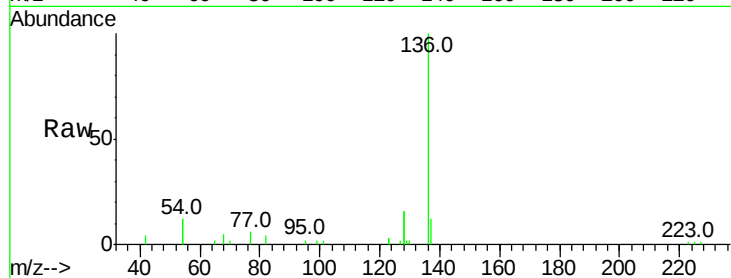
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 23.4 29.1 43.7#

68 5.4 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 72.014 ng

RT: 9.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

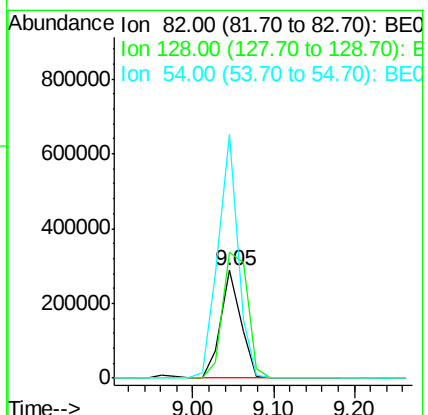
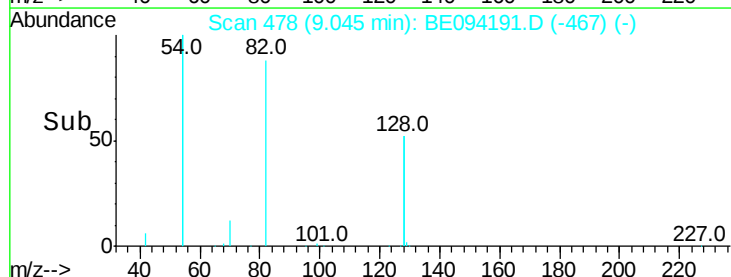
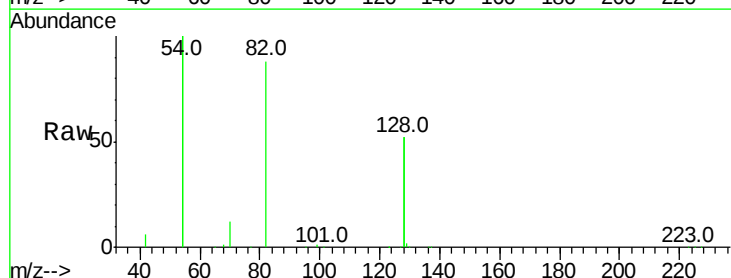
Tgt Ion: 82 Resp: 498253

Ion Ratio Lower Upper

82 100

128 117.4 150.0 225.0#

54 226.2 154.2 231.4





#9

Naphthalene

Concen: 24.634 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

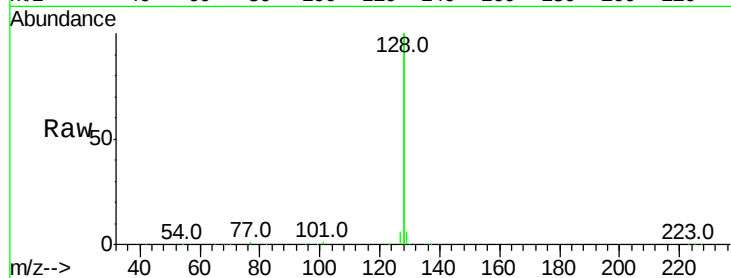
Tot Ion:128 Resp: 2305470

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

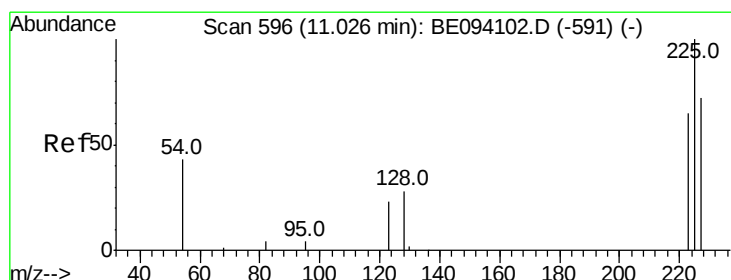
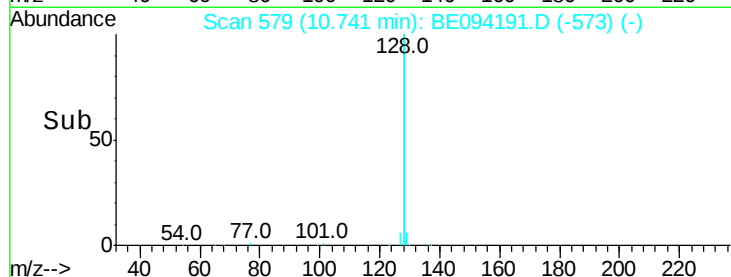
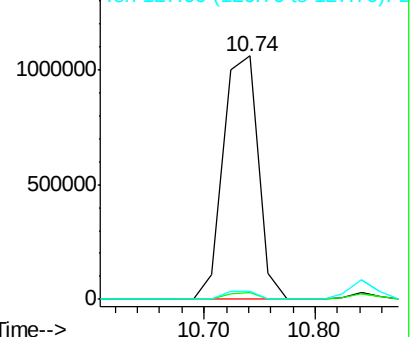
127 3.1 2.8 4.2



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

Hexachlorobutadiene

Concen: 21.517 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

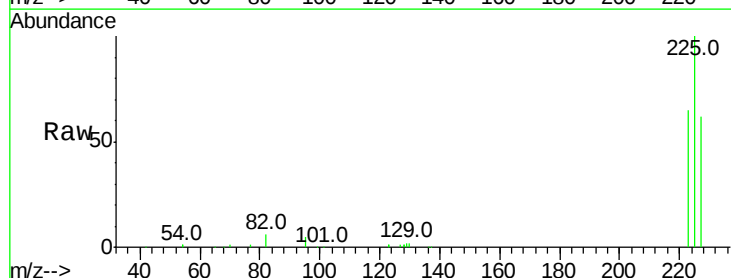
Tgt Ion:225 Resp: 76410

Ion Ratio Lower Upper

225 100

223 62.5 53.0 79.6

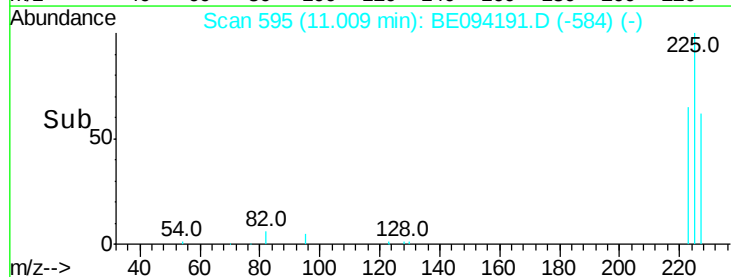
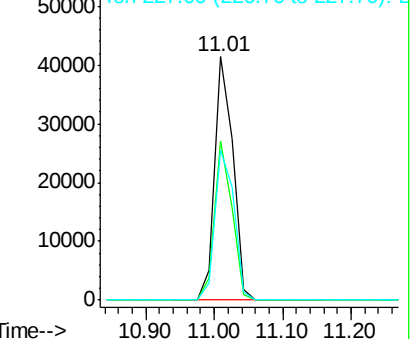
227 64.3 51.4 77.2



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

2-Methylnaphthalene-d10

Concen: 5.143 ng

RT: 12.22 min Scan# 807

Delta R.T. -0.05 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

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ClientSampleId :

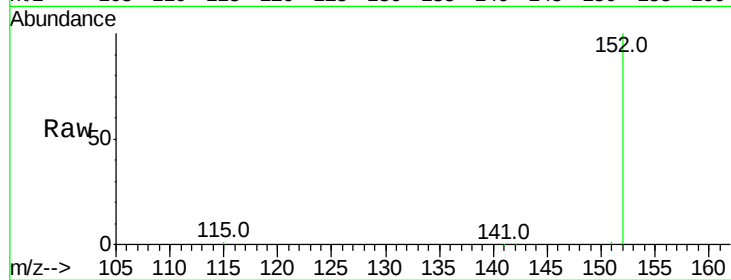
PAMT-COMP-C-DMS

Tot Ion:152 Resp: 65862

Ion Ratio Lower Upper

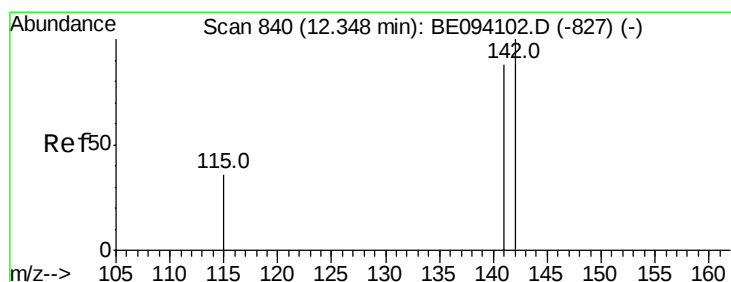
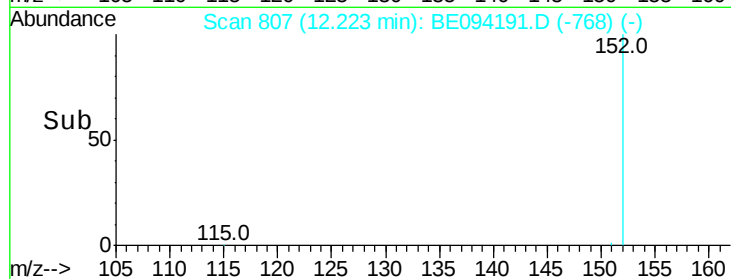
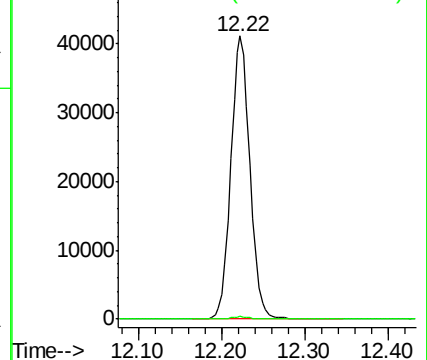
152 100

151 0.8 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 26.979 ng

RT: 12.34 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

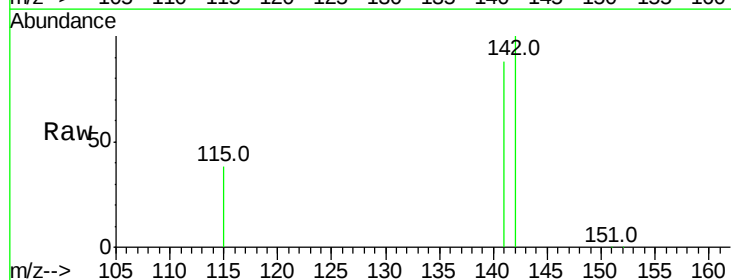
Tgt Ion:142 Resp: 414768

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

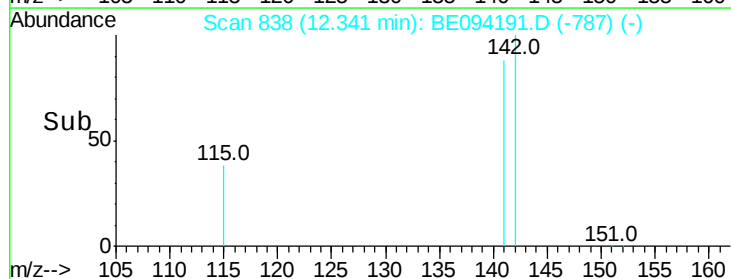
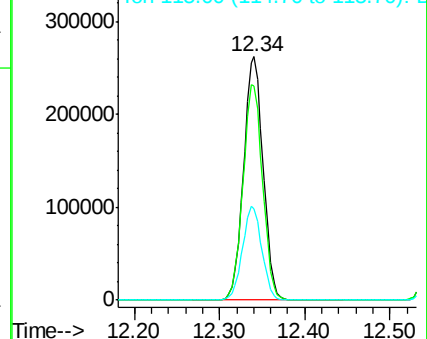
115 37.6 31.7 47.5



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

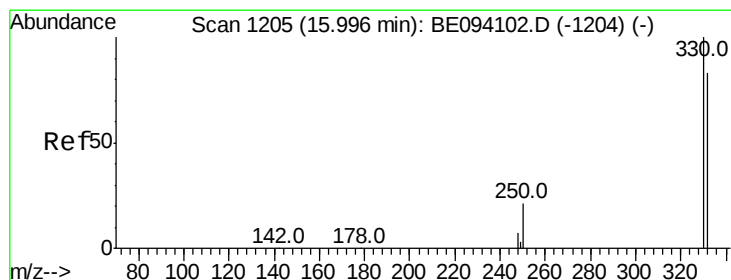
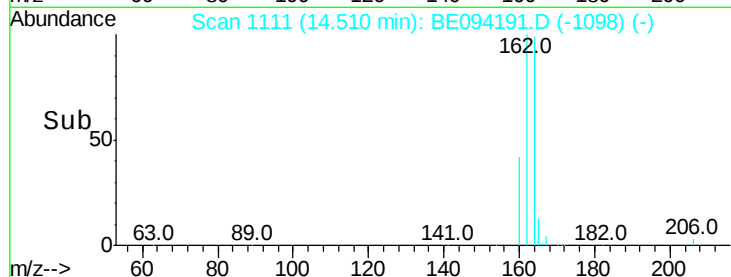
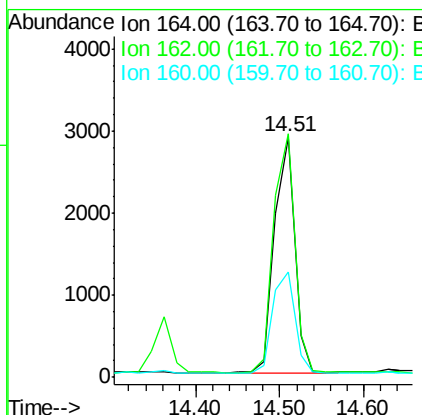
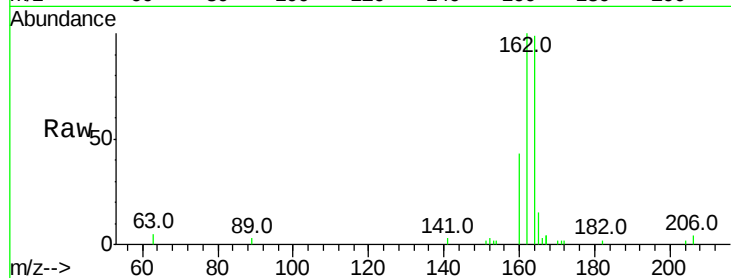




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094191.D
Acq: 6 Oct 2017 22:28

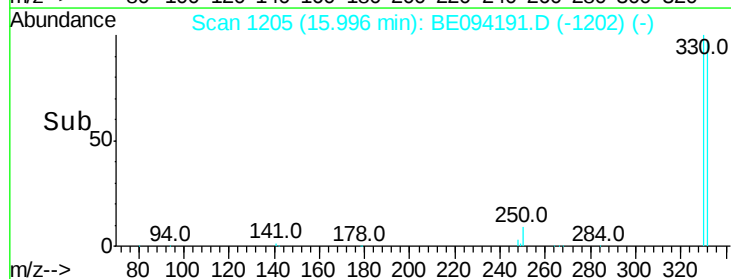
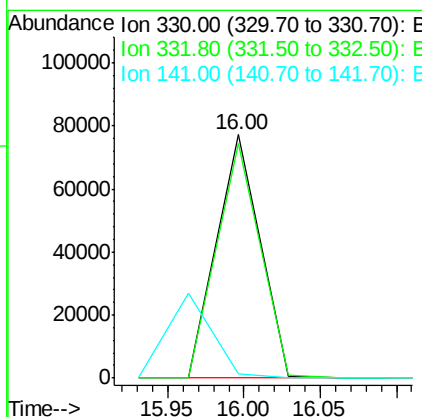
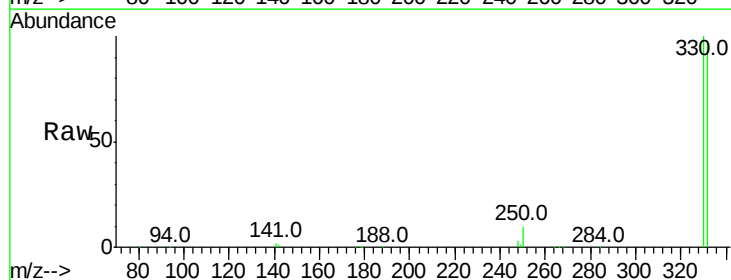
Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-DMS

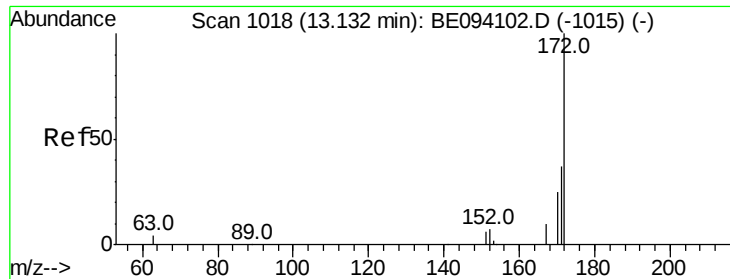
Tot Ion:164 Resp: 4844
Ion Ratio Lower Upper
164 100
162 101.3 83.1 124.7
160 44.0 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 71.978 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094191.D
Acq: 6 Oct 2017 22:28

Tgt Ion:330 Resp: 151572
Ion Ratio Lower Upper
330 100
332 97.2 152.7 229.1#
141 0.0 33.7 50.5#

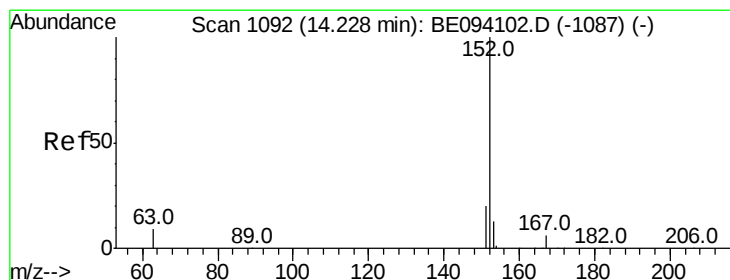
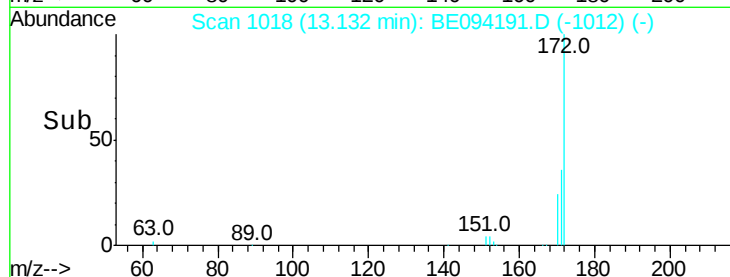
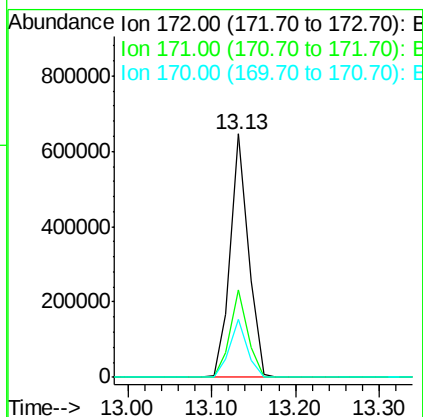
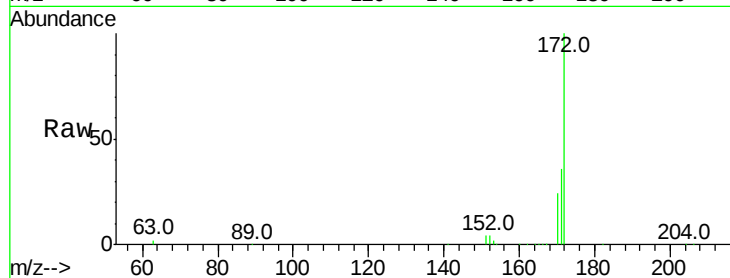




#15
2-Fluorobiphenyl
Concen: 58.212 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094191.D
Acq: 6 Oct 2017 22:28

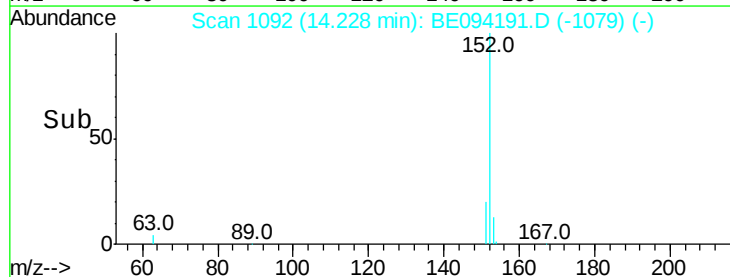
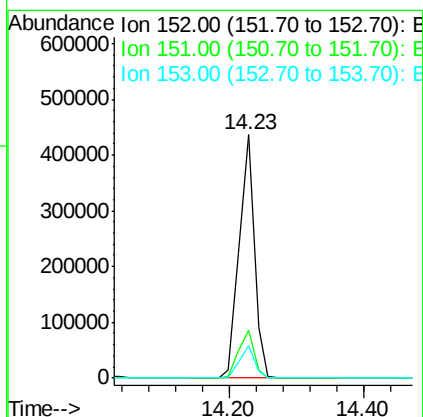
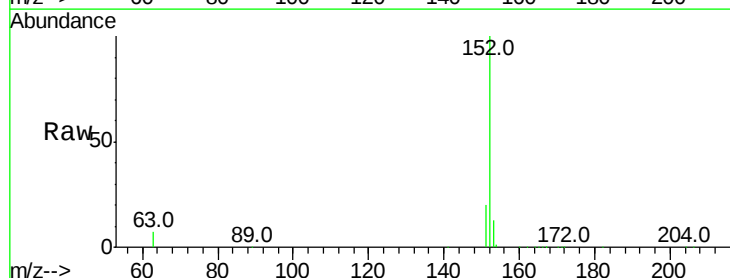
Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-C-DMS

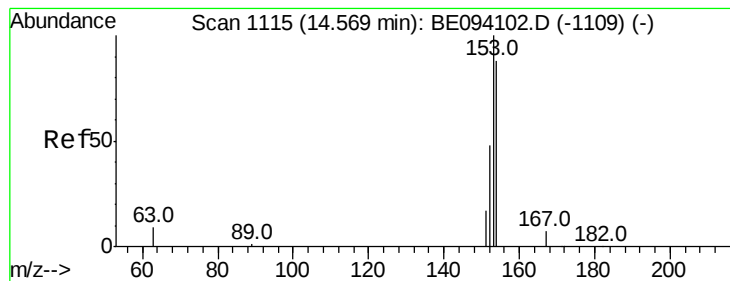
Tot Ion:172 Resp: 965971
Ion Ratio Lower Upper
172 100
171 35.8 29.9 44.9
170 24.0 21.8 32.8



#16
Acenaphthylene
Concen: 27.948 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094191.D
Acq: 6 Oct 2017 22:28

Tgt Ion:152 Resp: 685566
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 25.682 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

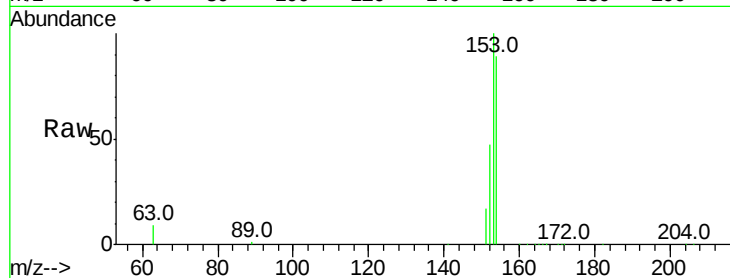
Tot Ion:154 Resp: 416107

Ion Ratio Lower Upper

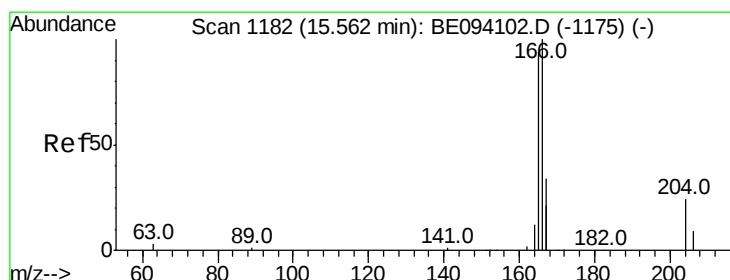
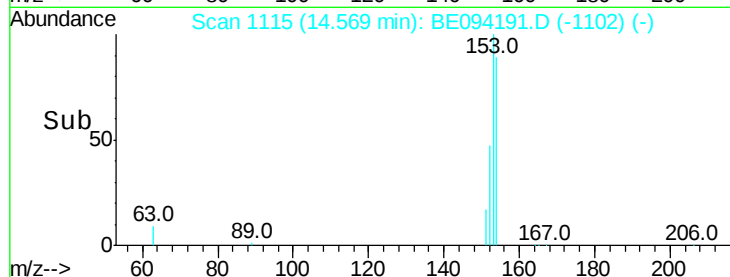
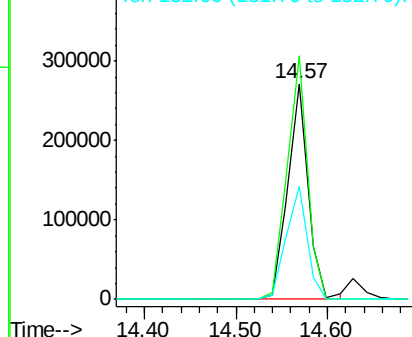
154 100

153 112.5 89.2 133.8

152 53.4 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: 26.037 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

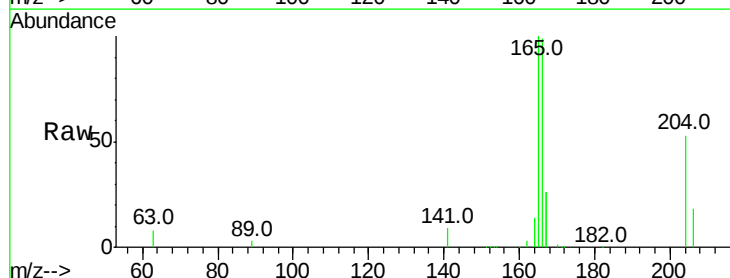
Tgt Ion:166 Resp: 552613

Ion Ratio Lower Upper

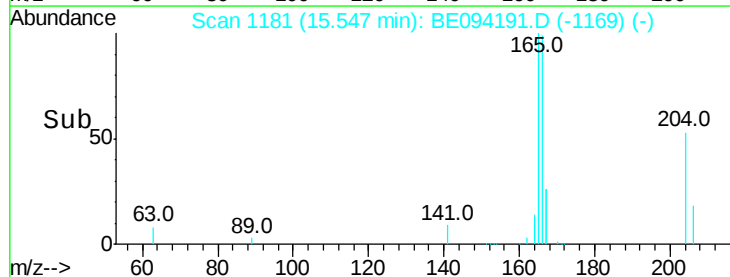
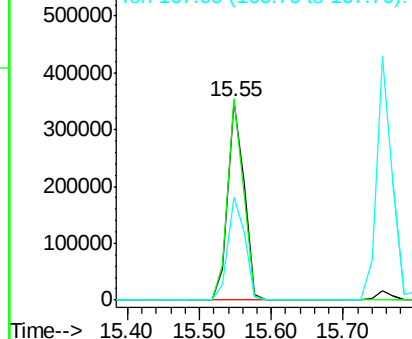
166 100

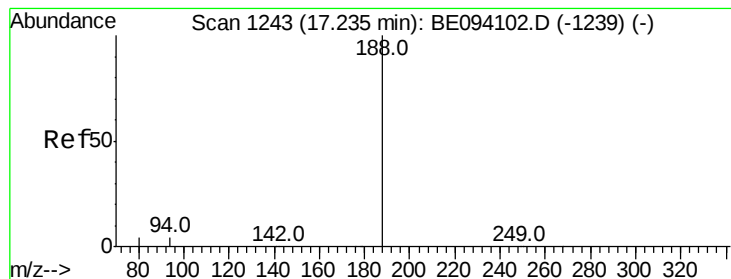
165 98.3 77.8 116.6

167 54.2 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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

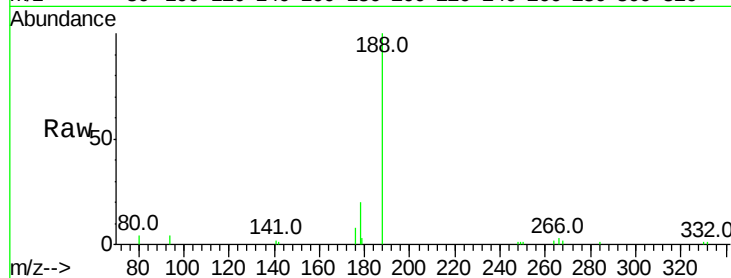
Tot Ion:188 Resp: 13138

Ion Ratio Lower Upper

188 100

94 4.3 3.9 5.9

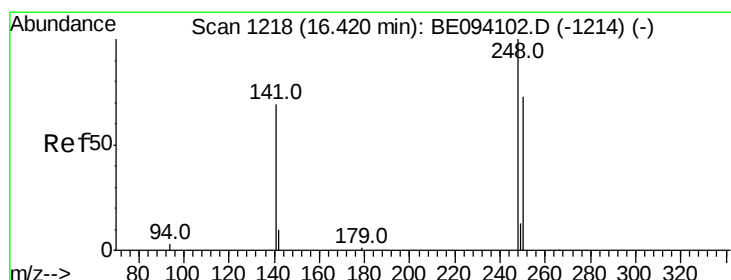
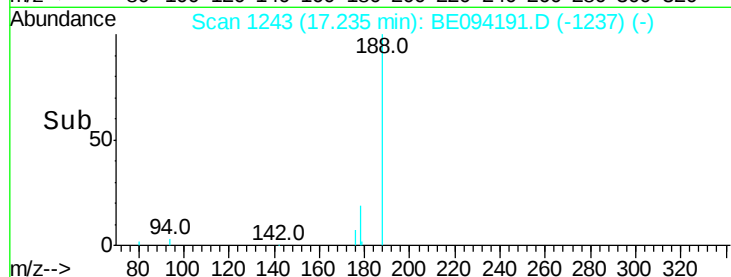
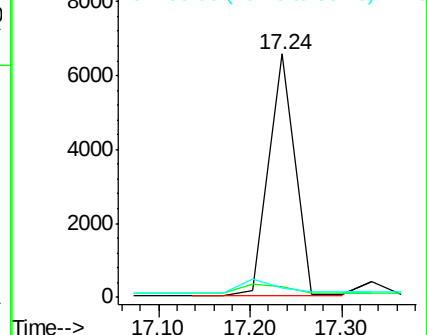
80 4.1 3.6 5.4



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



#20

4-Bromophenyl-phenylether

Concen: 29.599 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

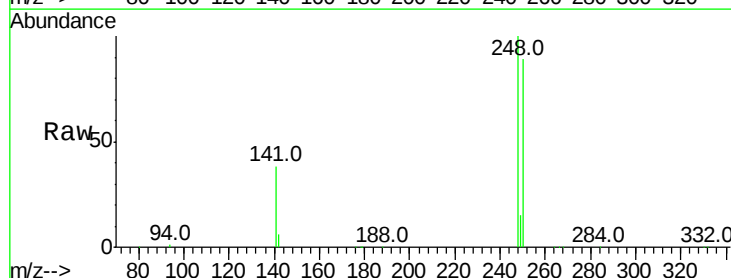
Tgt Ion:248 Resp: 224078

Ion Ratio Lower Upper

248 100

250 89.3 62.7 94.1

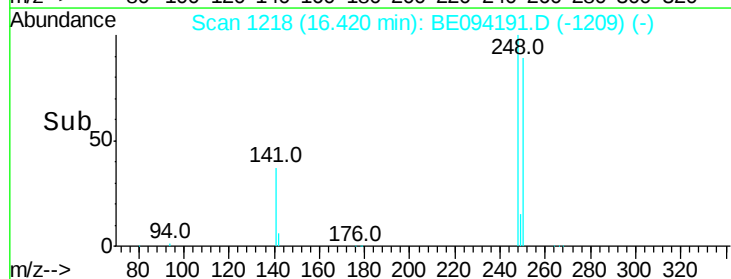
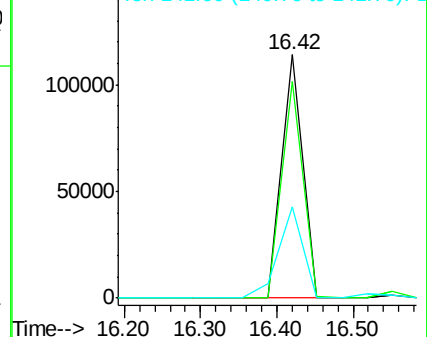
141 37.6 48.2 72.2#

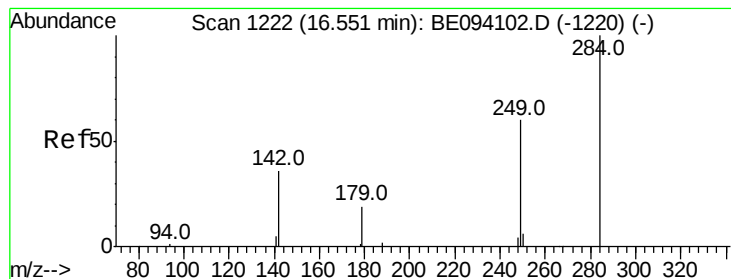


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 24.247 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

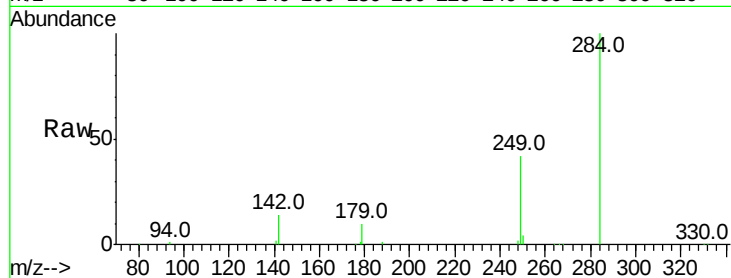
Tot Ion:284 Resp: 164905

Ion Ratio Lower Upper

284 100

142 21.9 22.1 33.1#

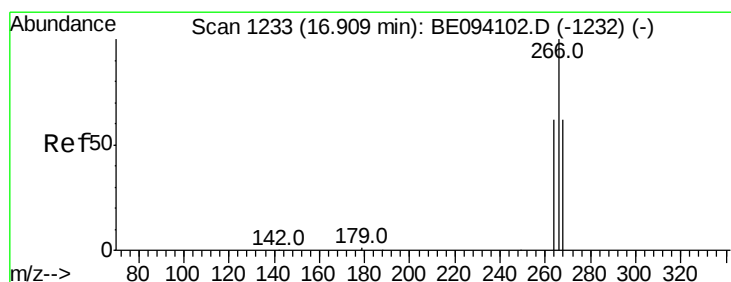
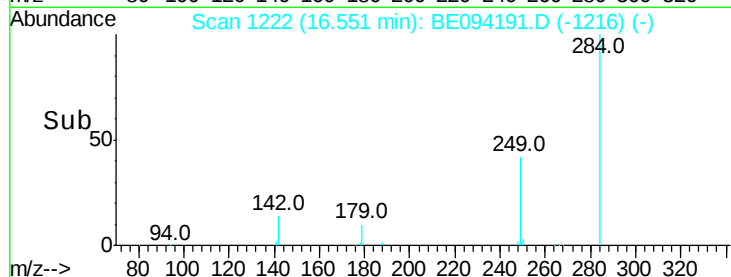
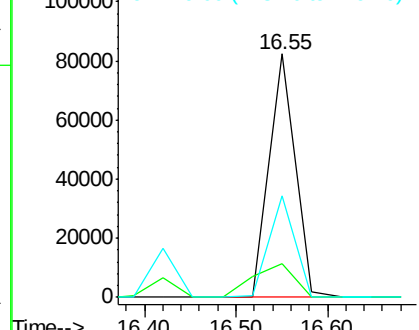
249 41.3 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 39.375 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

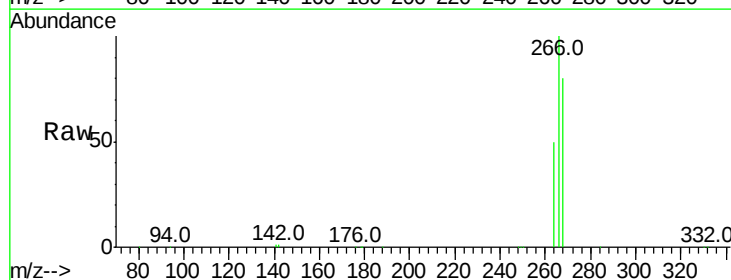
Tgt Ion:266 Resp: 72565

Ion Ratio Lower Upper

266 100

264 49.5 72.5 108.7#

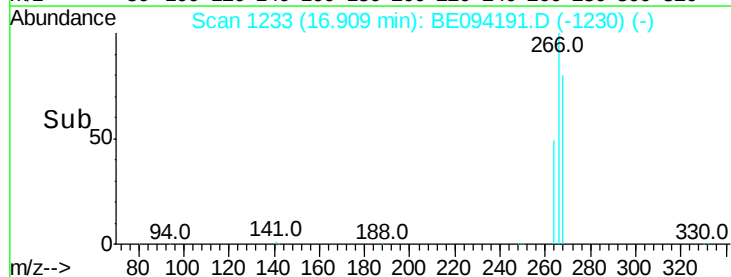
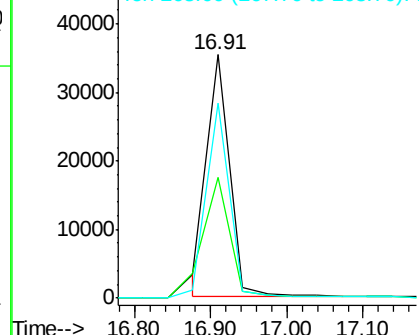
268 79.9 73.8 110.6



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: 27.234 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

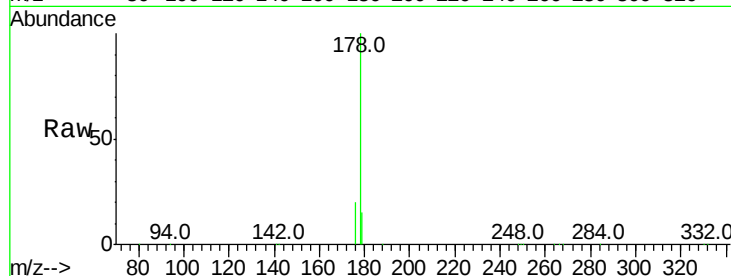
BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

Tot Ion:178 Resp: 1240132

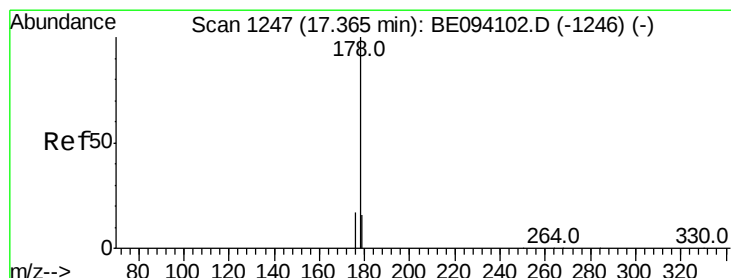
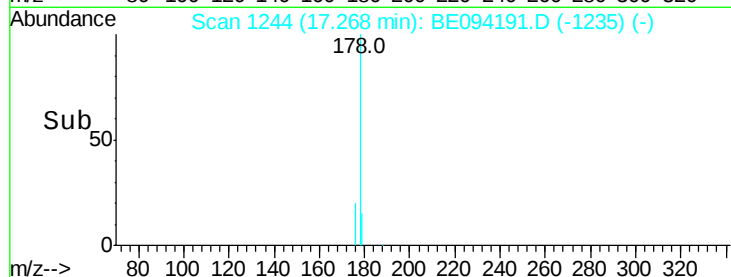
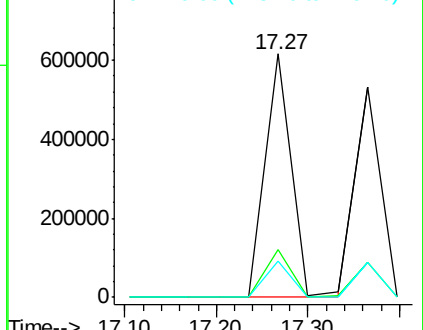
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	14.7	11.8	17.6



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: 30.249 ng

RT: 17.37 min Scan# 1247

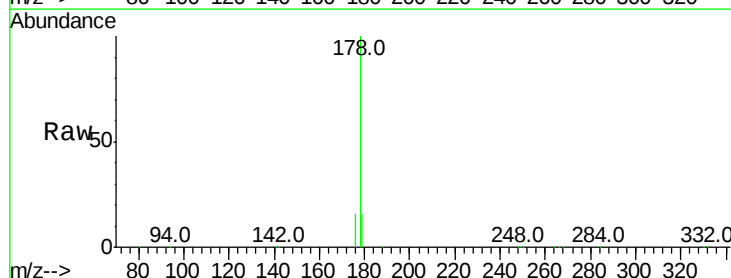
Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Tgt Ion:178 Resp: 1050171

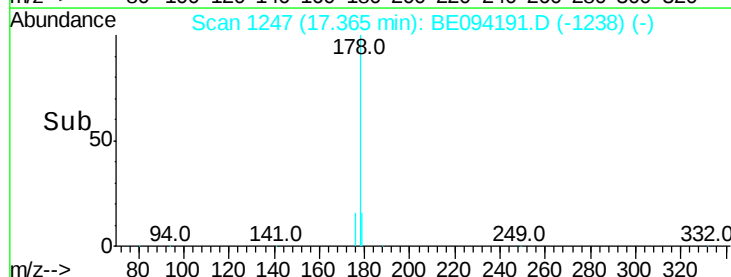
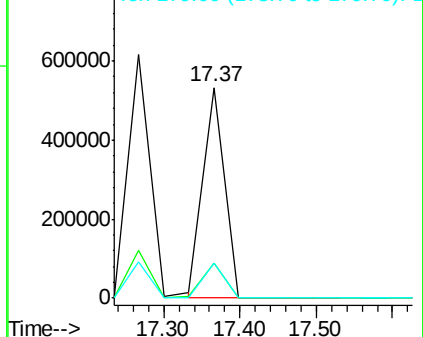
Ion	Ratio	Lower	Upper
178	100		
176	16.3	12.8	19.2
179	16.5	13.0	19.6

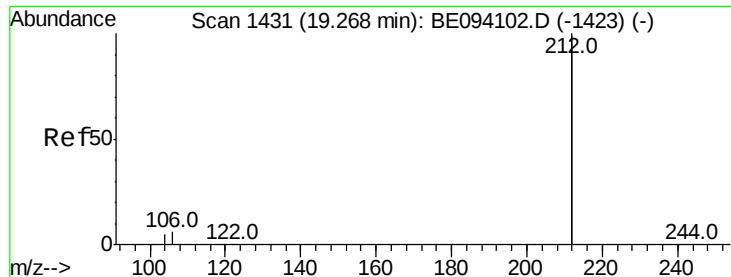


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.001 ng

RT: 19.26 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

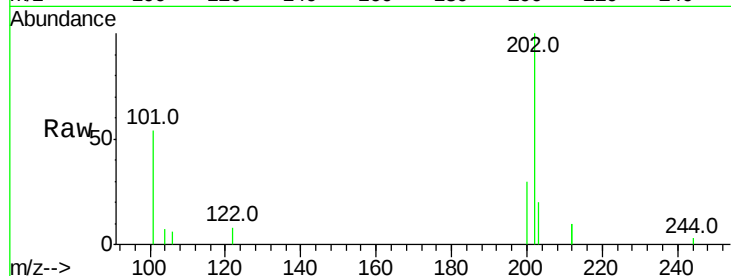
Tot Ion:212 Resp: 190

Ion Ratio Lower Upper

212 100

106 35.3 2.8 4.2#

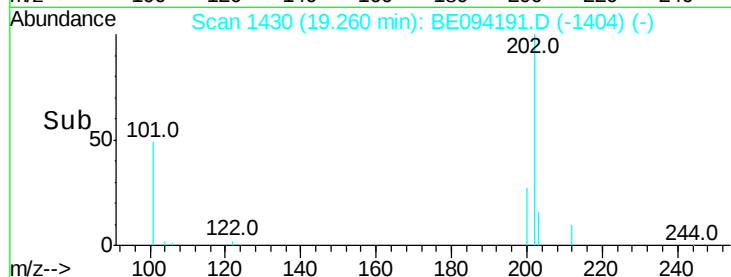
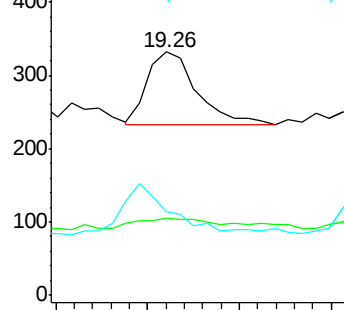
104 78.9 1.6 2.4#



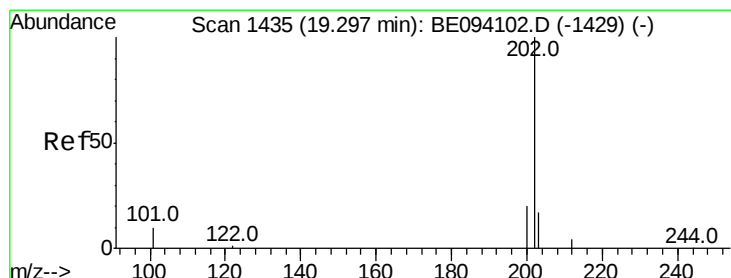
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.20 19.25 19.30



#26

Fluoranthene

Concen: 25.965 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

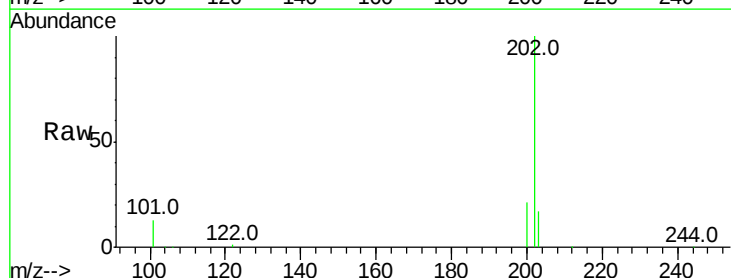
Tgt Ion:202 Resp: 1036692

Ion Ratio Lower Upper

202 100

101 12.6 9.8 14.8

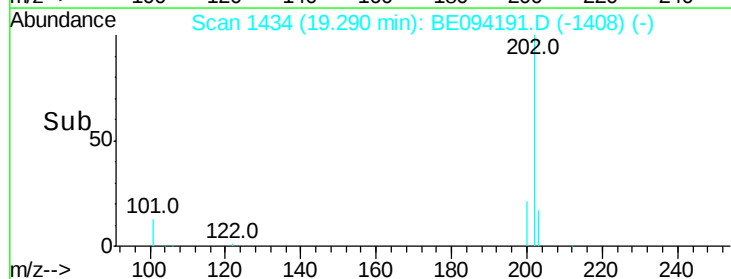
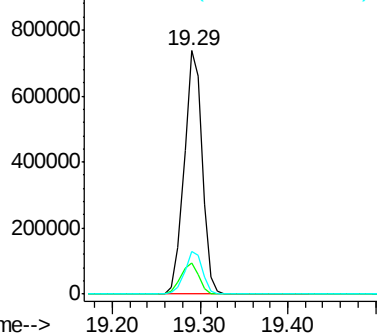
203 17.6 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

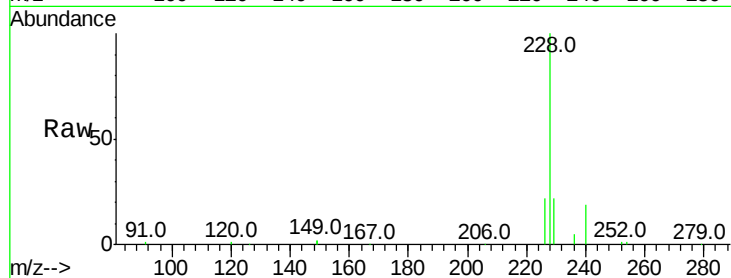
Tot Ion:240 Resp: 11240

Ion Ratio Lower Upper

240 100

120 7.8 5.5 8.3

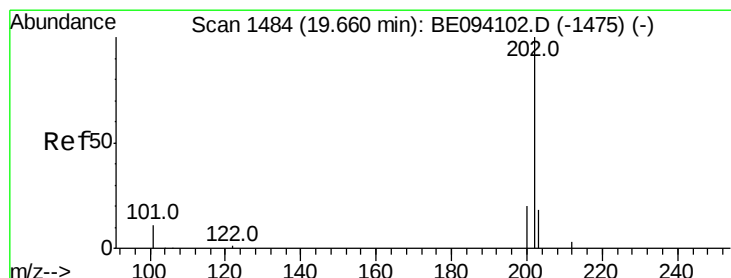
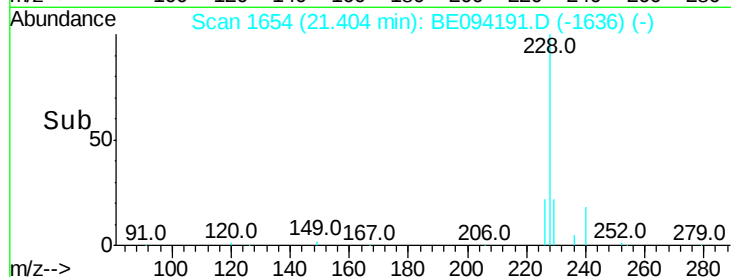
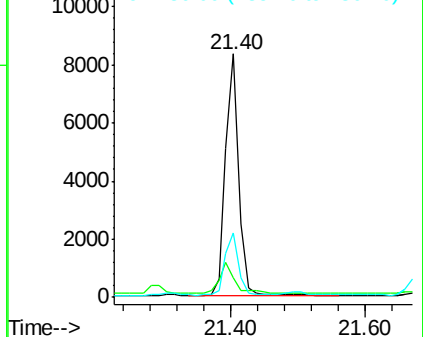
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 27.661 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

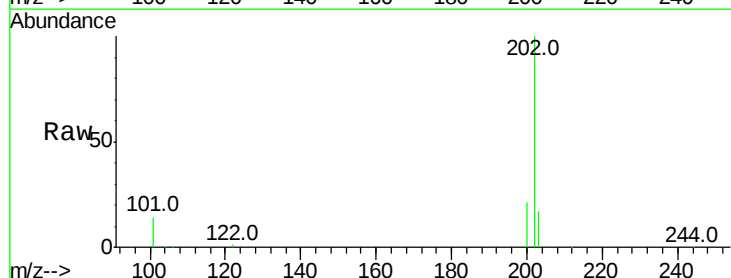
Tgt Ion:202 Resp: 1069432

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

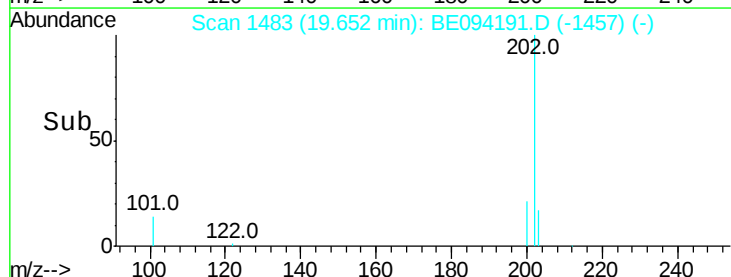
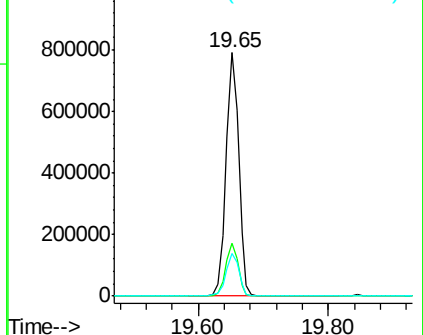
203 18.2 13.8 20.8

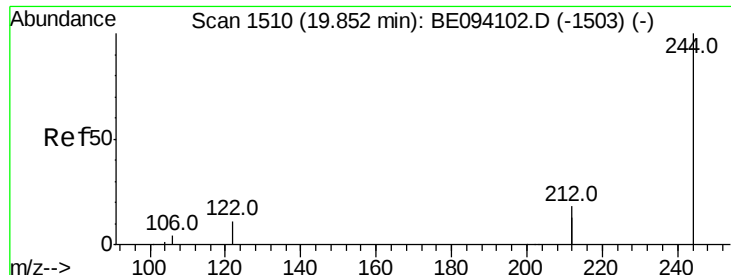


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 49.622 ng

RT: 19.85 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

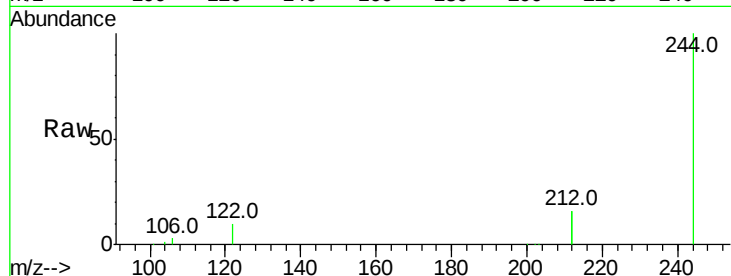
Tot Ion:244 Resp: 1053268

Ion Ratio Lower Upper

244 100

212 32.2 25.4 38.0

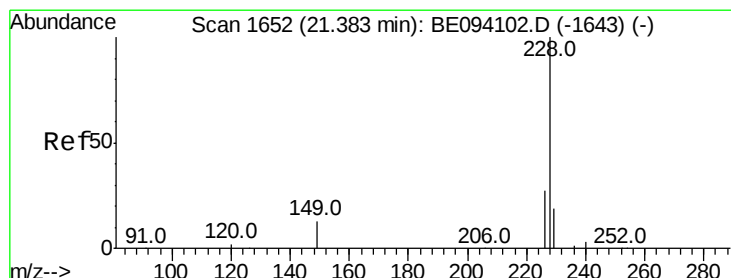
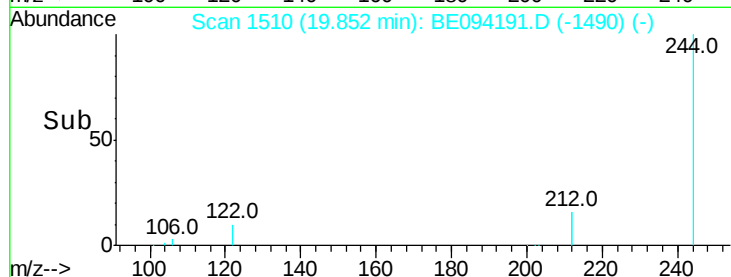
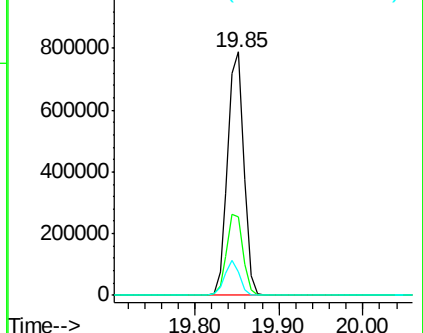
122 9.7 8.1 12.1



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



#30

Benzo(a)anthracene

Concen: 27.421 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

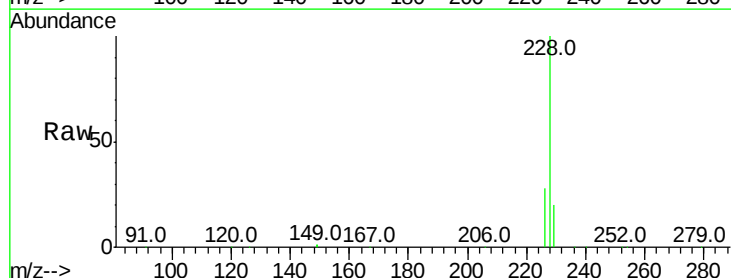
Tgt Ion:228 Resp: 1012793

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.0

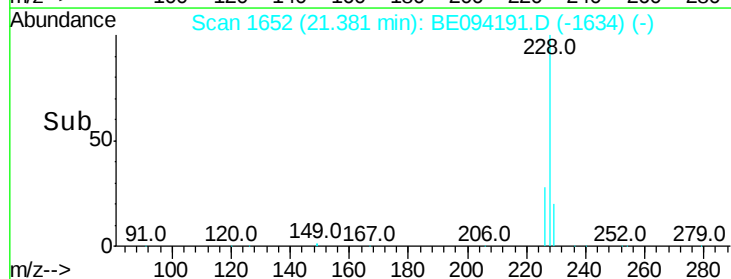
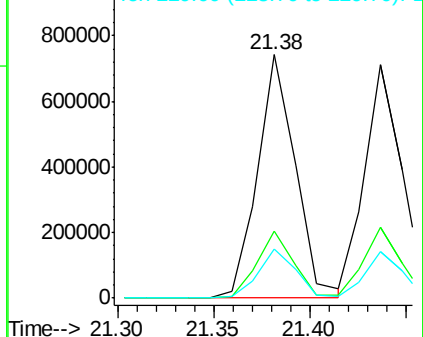
229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 26.096 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

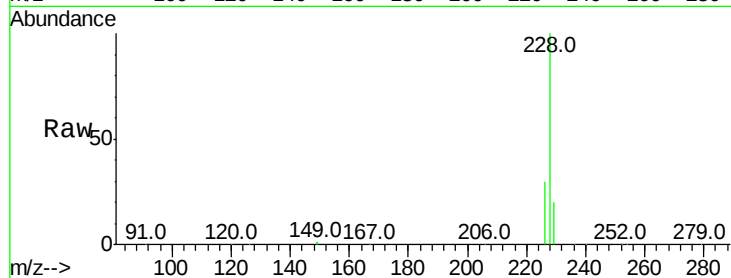
BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

Tot Ion:228 Resp: 950896

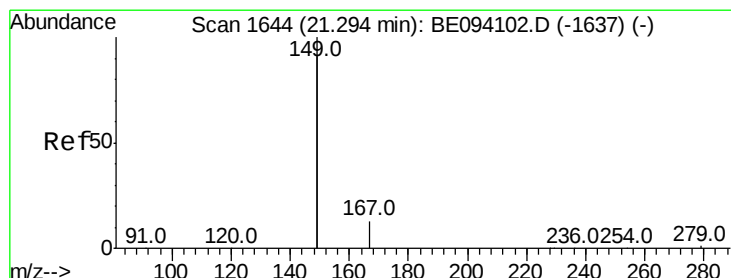
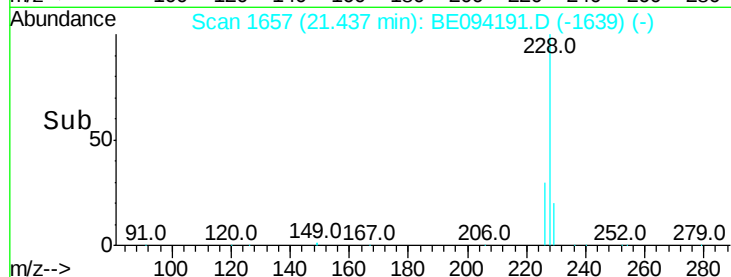
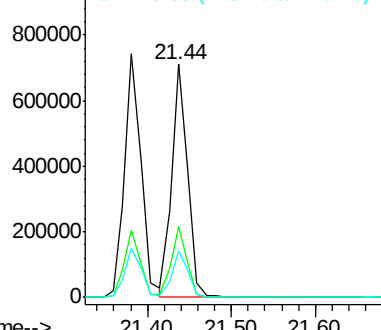
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	19.8	16.4	24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 31.166 ng

RT: 21.29 min Scan# 1644

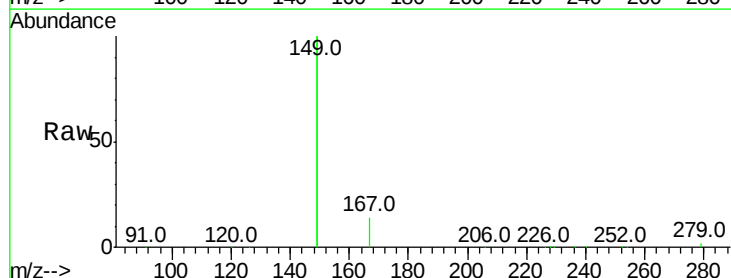
Delta R.T. -0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Tgt Ion:149 Resp: 2651002

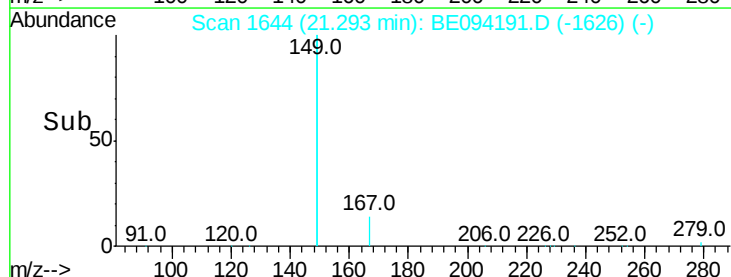
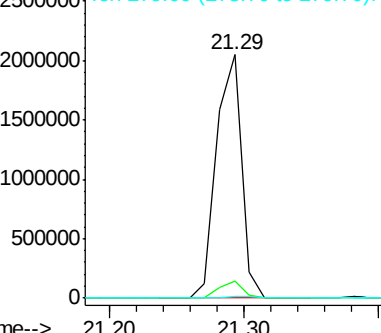
Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



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: 28.451 ng

RT: 26.55 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

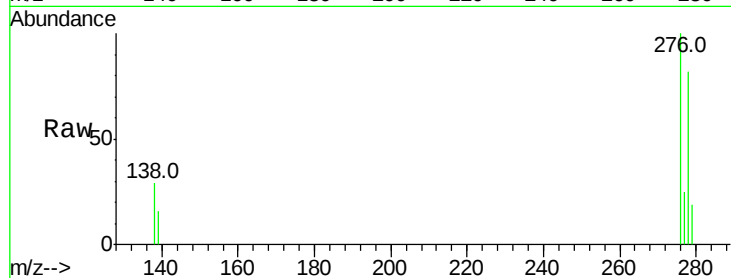
Tot Ion:276 Resp: 1029284

Ion Ratio Lower Upper

276 100

138 28.3 22.5 33.7

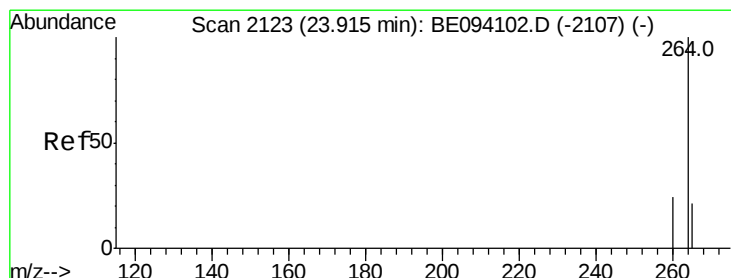
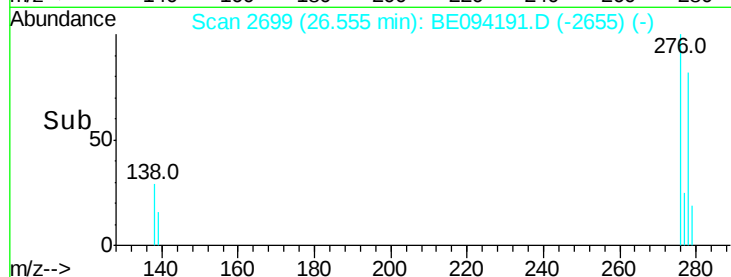
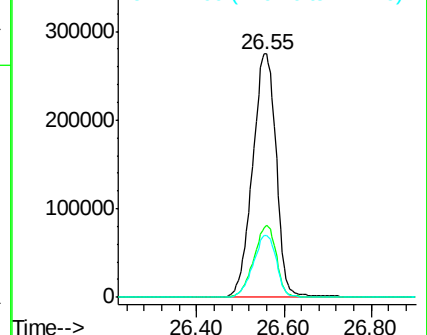
277 25.3 19.9 29.9



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

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

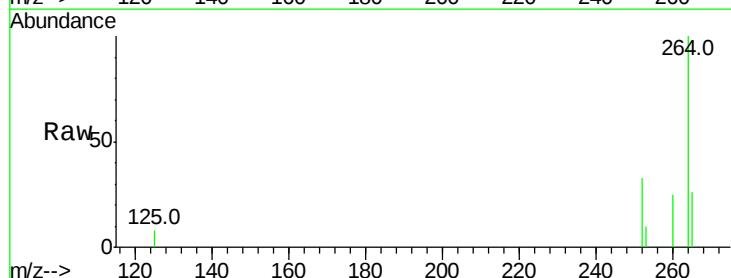
Tgt Ion:264 Resp: 10147

Ion Ratio Lower Upper

264 100

260 24.7 20.5 30.7

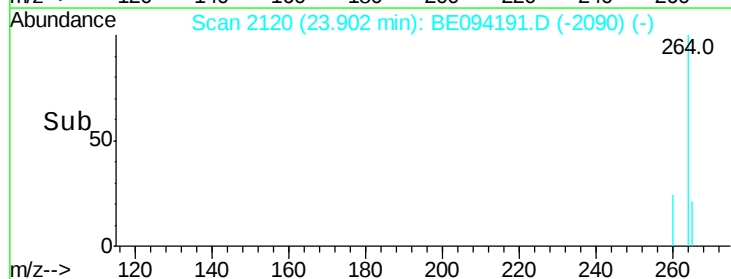
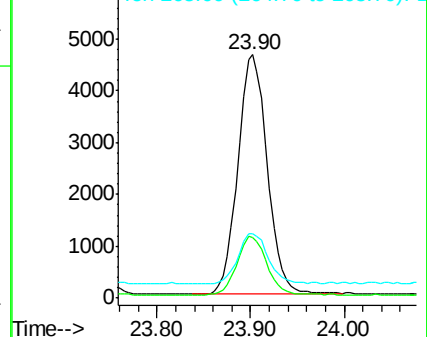
265 26.3 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 27.274 ng

RT: 23.14 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

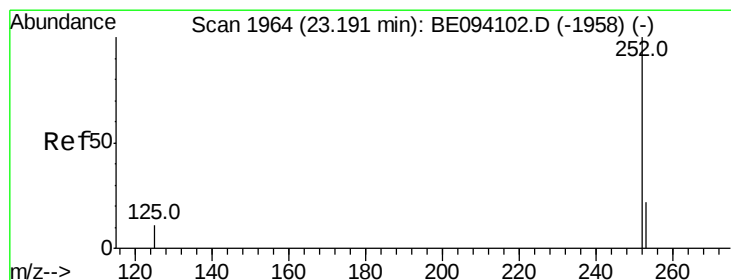
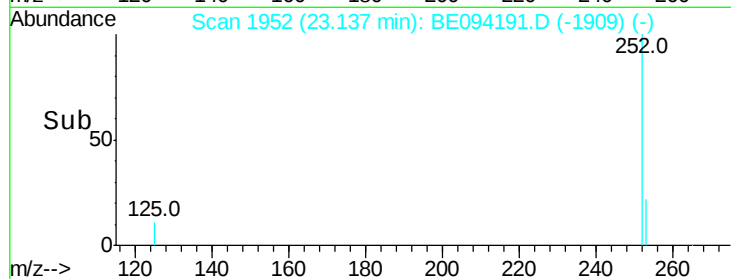
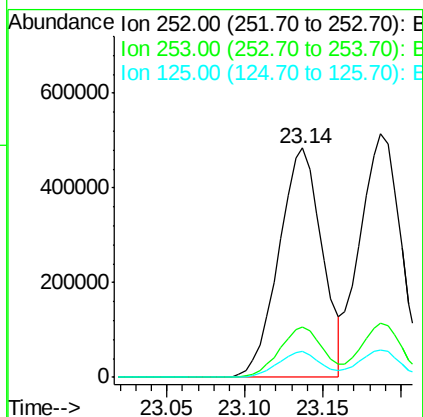
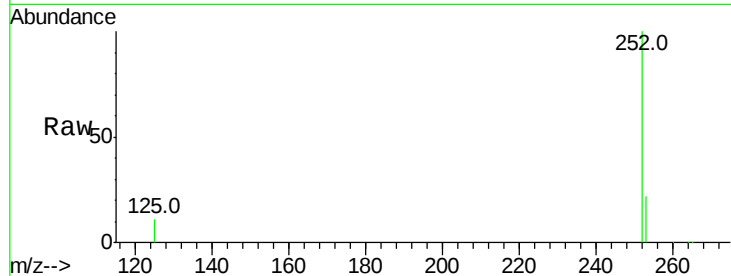
Tot Ion:252 Resp: 930899

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 11.2 10.1 15.1



#36

Benzo(k)fluoranthene

Concen: 27.519 ng

RT: 23.19 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

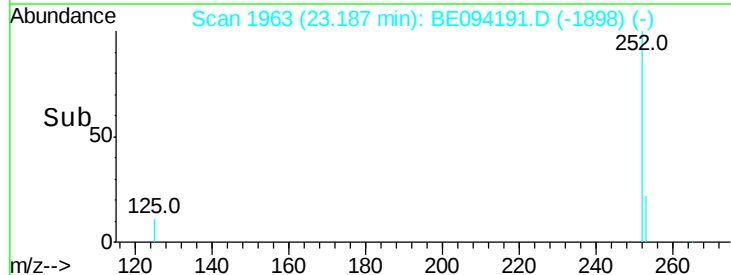
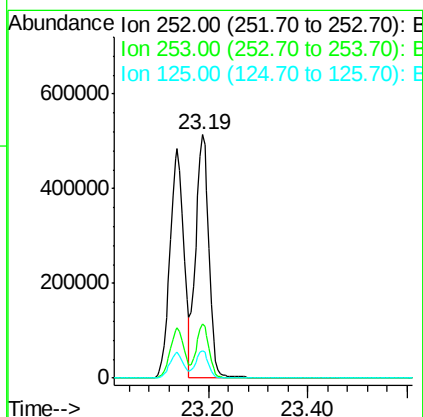
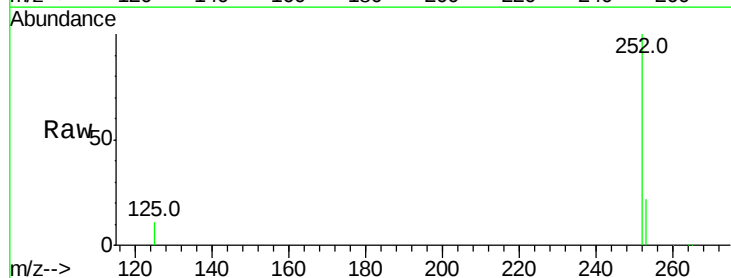
Tgt Ion:252 Resp: 954711

Ion Ratio Lower Upper

252 100

253 22.2 18.6 27.8

125 11.2 10.7 16.1





#37

Benzo(a)pyrene

Concen: 28.040 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS

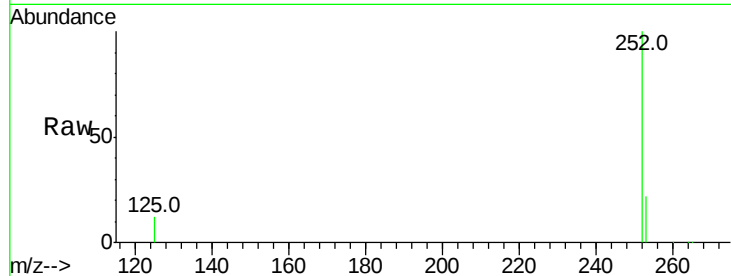
Tot Ion:252 Resp: 904437

Ion Ratio Lower Upper

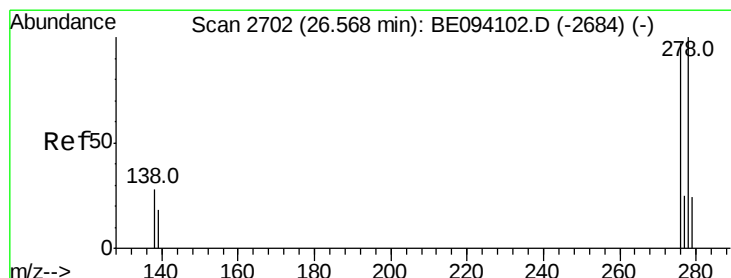
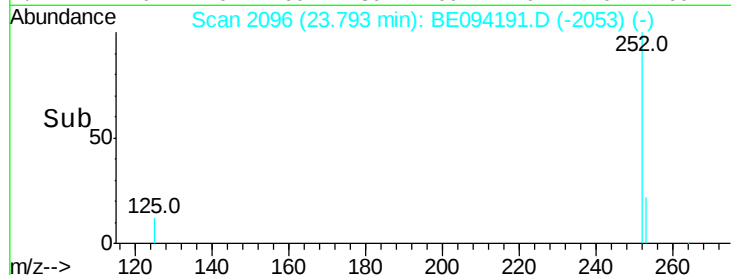
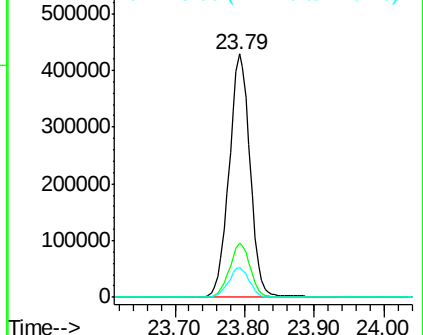
252 100

253 22.1 19.0 28.6

125 12.3 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: 29.216 ng

RT: 26.57 min Scan# 2703

Delta R.T. 0.00 min

Lab File: BE094191.D

Acq: 6 Oct 2017 22:28

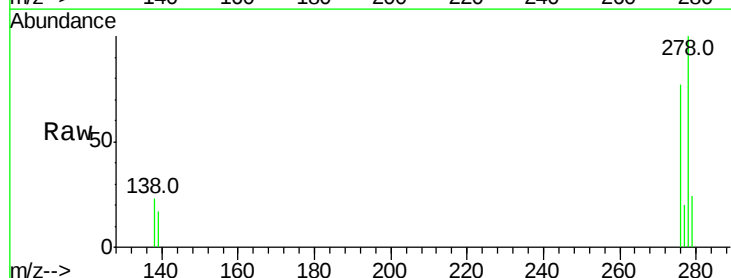
Tgt Ion:278 Resp: 873747

Ion Ratio Lower Upper

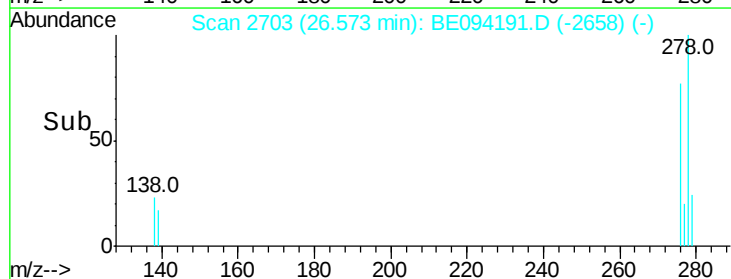
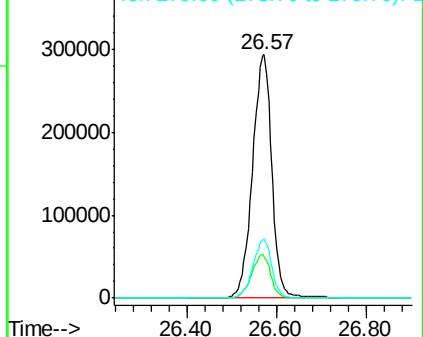
278 100

139 17.2 16.3 24.5

279 24.2 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 27.840 ng

RT: 27.38 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BE094191.D

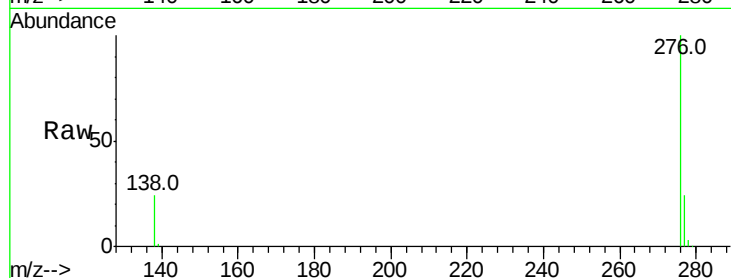
Acq: 6 Oct 2017 22:28

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C-DMS



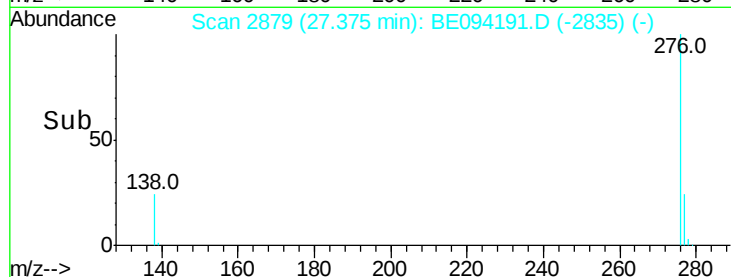
Tot Ion:276 Resp: 850495

Ion Ratio Lower Upper

276 100

277 23.8 20.8 31.2

138 23.8 21.5 32.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

