

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072017\
 Data File : BE093496.D
 Acq On : 20 Jul 2017 11:27
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 18:06:35 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	3585	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	21276	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13983	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	33508	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36528	0.40	ng	0.00
34) Perylene-d12	23.93	264	32405	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	4711	0.44	ng	0.00
5) Phenol-d6	7.11	99	7869	0.49	ng	0.01
8) Nitrobenzene-d5	9.08	82	6390	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	13583	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	2124	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	20566	0.38	ng	0.00
25) Fluoranthene-d10	19.29	212	147942	0.37	ng	0.00
29) Terphenyl-d14	19.87	244	26004	0.40	ng	0.00

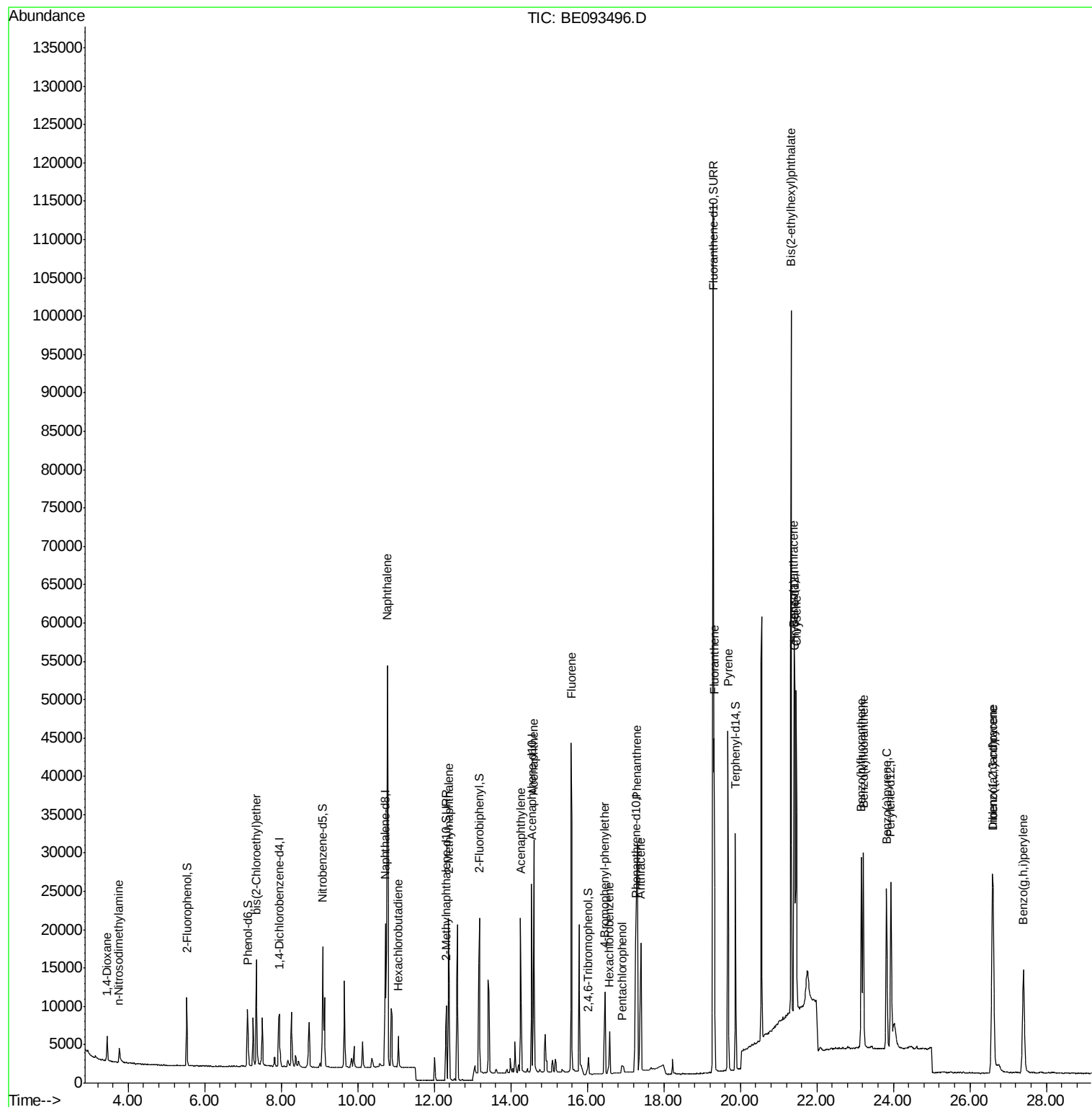
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	2589	0.341	ng	97
3) n-Nitrosodimethylamine	3.75	42	1632	0.418	ng	# 79
6) bis(2-Chloroethyl)ether	7.35	93	4802	0.400	ng	# 99
9) Naphthalene	10.77	128	83861	0.376	ng	# 73
10) Hexachlorobutadiene	11.06	225	3154	0.373	ng	99
12) 2-Methylnaphthalene	12.38	142	14880	0.398	ng	97
16) Acenaphthylene	14.26	152	22799	0.391	ng	# 87
17) Acenaphthene	14.60	154	15780	0.370	ng	98
18) Fluorene	15.58	166	20177	0.345	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	8445	0.460	ng	# 10
21) Hexachlorobenzene	16.58	284	8197	0.413	ng	# 100
22) Pentachlorophenol	16.91	266	1563	0.605	ng	# 72
23) Phenanthrene	17.30	178	44200	0.363	ng	98
24) Anthracene	17.40	178	24725	0.331	ng	92
26) Fluoranthene	19.32	202	40967	0.358	ng	98
28) Pyrene	19.67	202	42179	0.411	ng	# 99
30) Benzo(a)anthracene	21.40	228	40064	0.406	ng	93
31) Chrysene	21.46	228	38554	0.374	ng	94
32) Bis(2-ethylhexyl)phthalate	21.33	149	102150	0.719	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.59	276	37184	0.411	ng	94
35) Benzo(b)fluoranthene	23.16	252	37886	0.362	ng	95
36) Benzo(k)fluoranthene	23.21	252	35468	0.343	ng	97
37) Benzo(a)pyrene	23.82	252	34225	0.373	ng	98
38) Dibenzo(a,h)anthracene	26.61	278	32760	0.368	ng	94
39) Benzo(g,h,i)perylene	27.40	276	32558	0.362	ng	94

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

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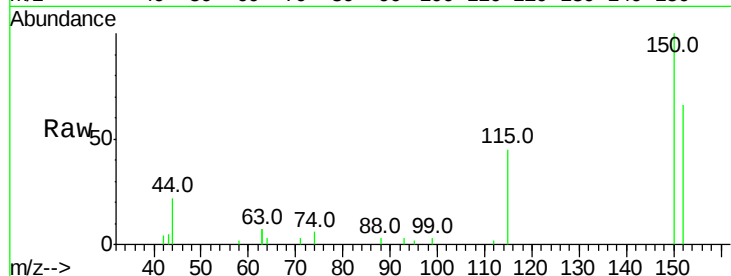


#1

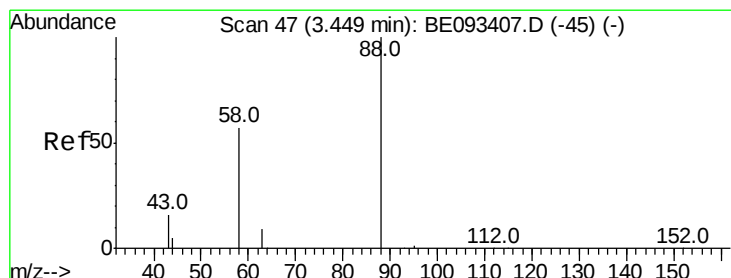
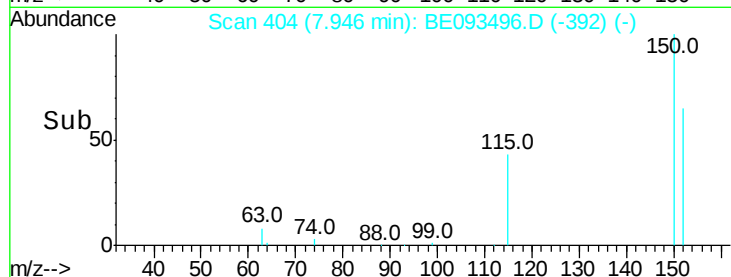
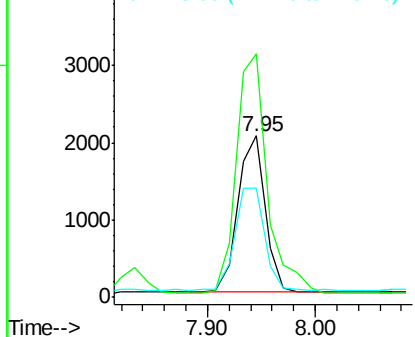
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 3585
Ion Ratio Lower Upper
152 100
150 151.0 125.1 187.7
115 67.7 55.7 83.5



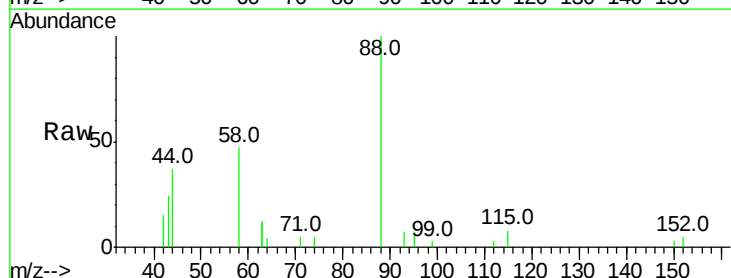
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



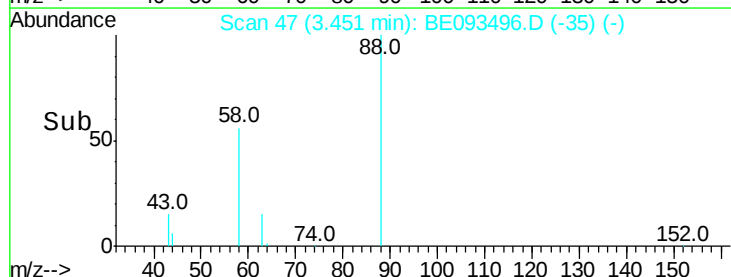
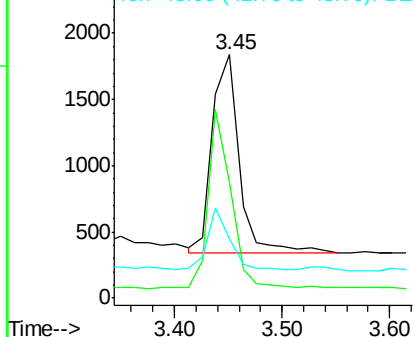
#2

1,4-Dioxane
Concen: 0.341 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion: 88 Resp: 2589
Ion Ratio Lower Upper
88 100
58 76.6 62.2 93.4
43 25.8 23.2 34.8



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



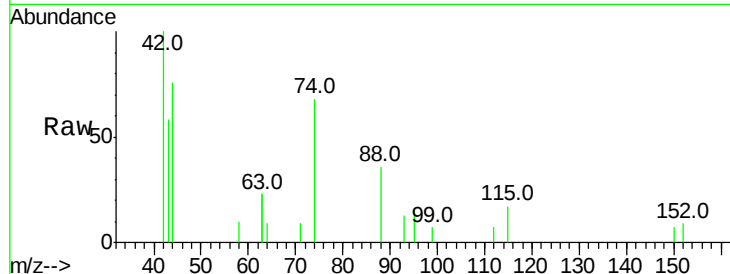


#3

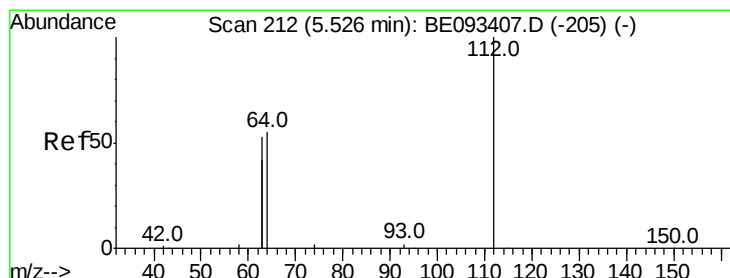
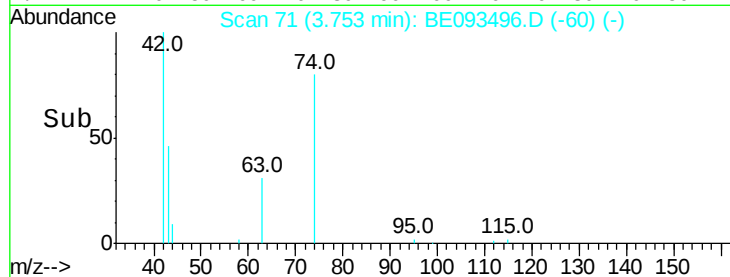
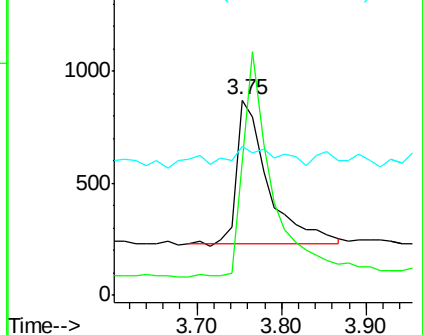
n-Nitrosodimethylamine
 Concen: 0.418 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE093496.D
 Acq: 20 Jul 2017 11:27

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 1632
 Ion Ratio Lower Upper
 42 100
 74 147.8 99.1 148.7
 44 18.6 7.4 11.2#



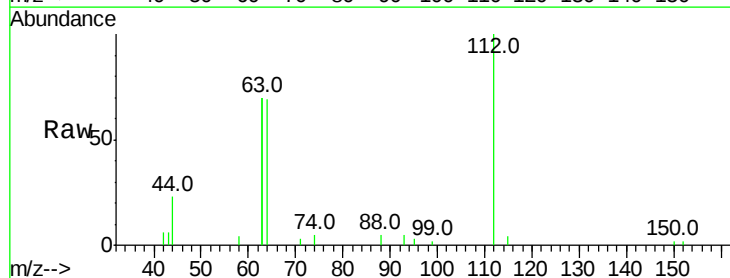
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



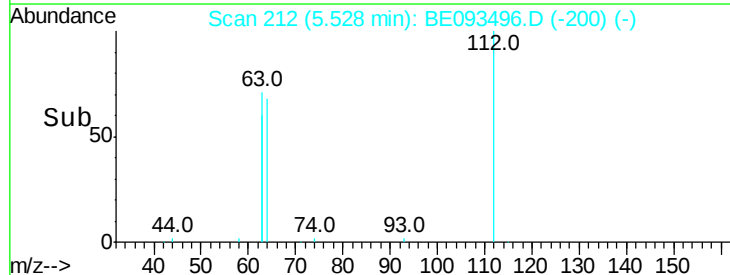
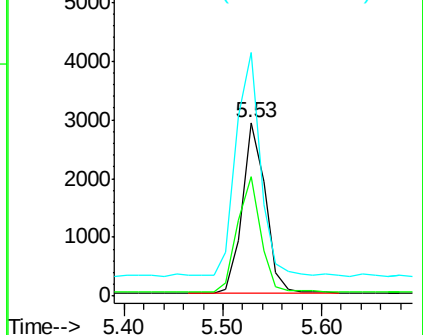
#4

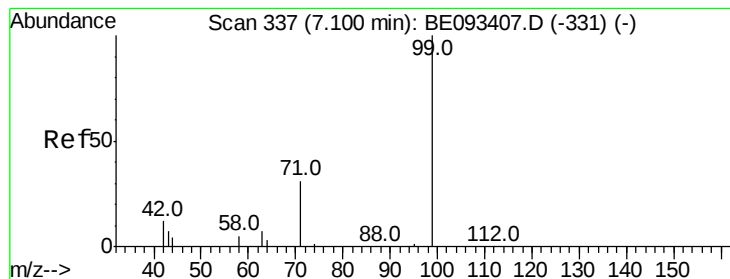
2-Fluorophenol
 Concen: 0.435 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE093496.D
 Acq: 20 Jul 2017 11:27

Tgt Ion: 112 Resp: 4711
 Ion Ratio Lower Upper
 112 100
 64 68.6 56.4 84.6
 63 137.1 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.493 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.01 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampled :

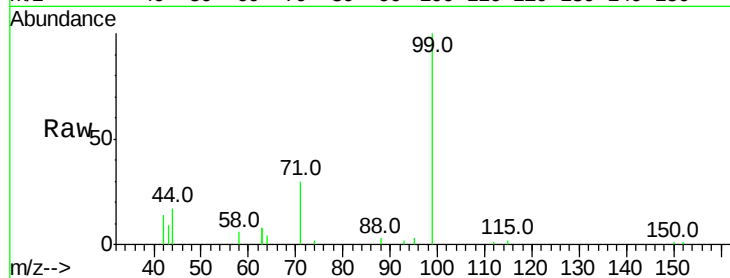
Tot Ion: 99 Resp: 7869

Ion Ratio Lower Upper

99 100

42 19.0 0.0 0.0#

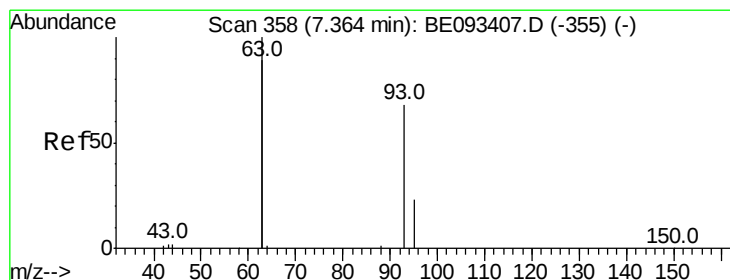
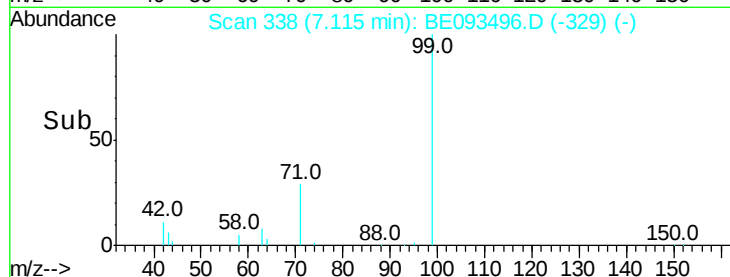
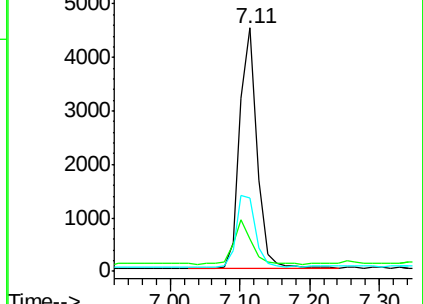
71 32.9 0.0 0.0#



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: 0.400 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

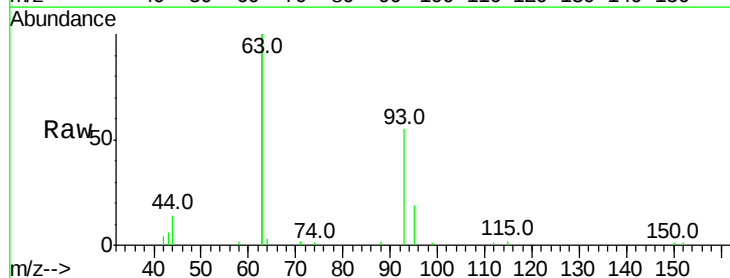
Tgt Ion: 93 Resp: 4802

Ion Ratio Lower Upper

93 100

63 332.0 0.0 0.0#

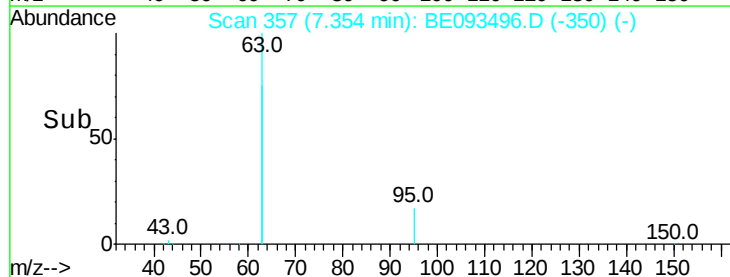
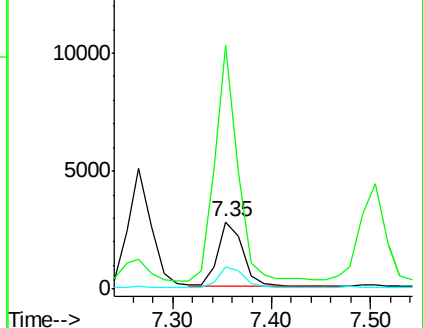
95 32.5 25.4 38.0

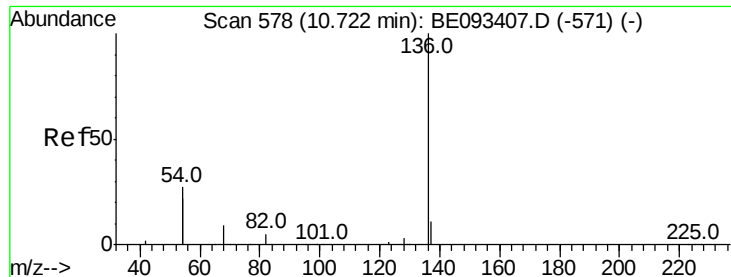


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 21276

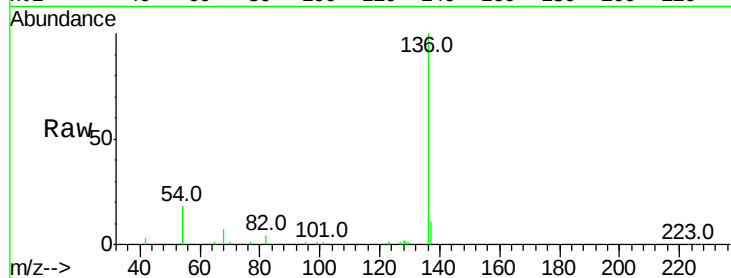
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 36.0 10.3 15.5#

68 7.5 9.0 13.4#

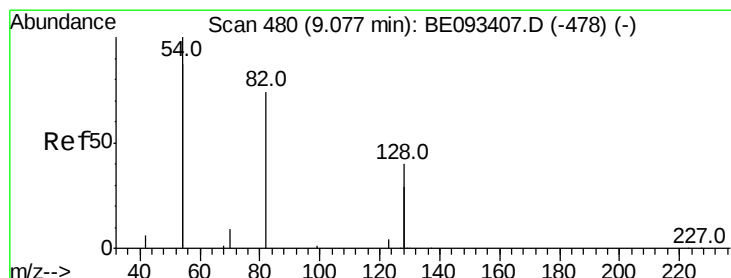
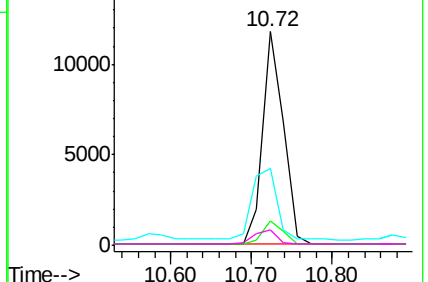
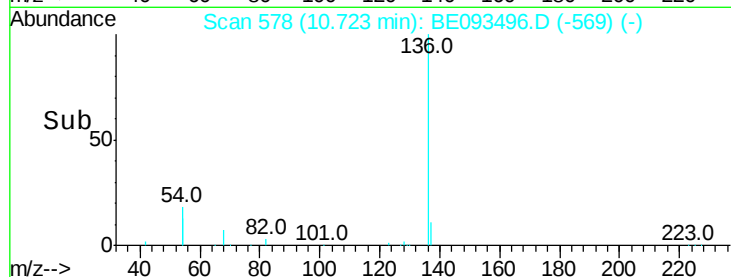


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.470 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

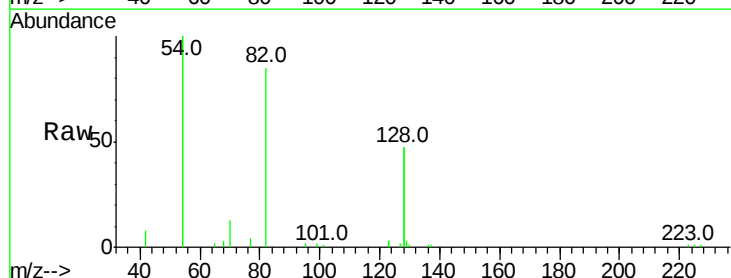
Tgt Ion: 82 Resp: 6390

Ion Ratio Lower Upper

82 100

128 110.5 17.0 25.4#

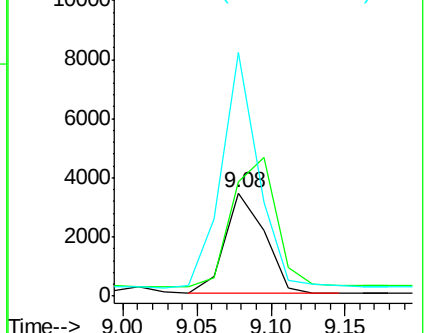
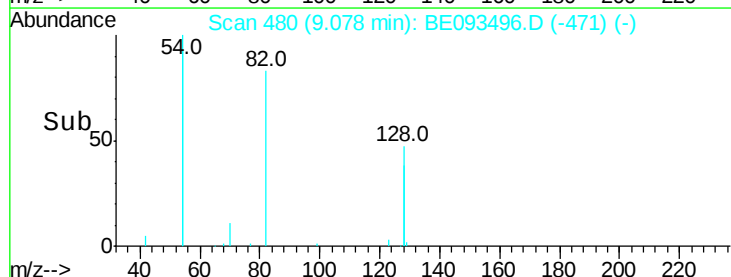
54 236.3 53.8 80.6#

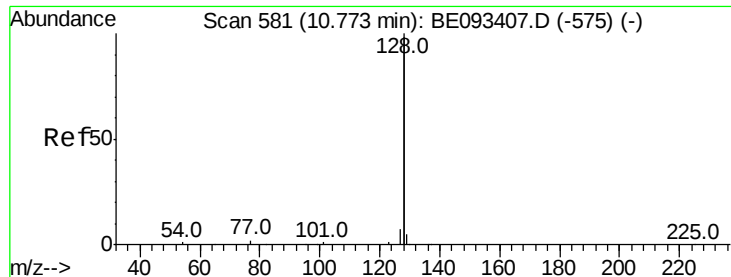


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.376 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampleId :

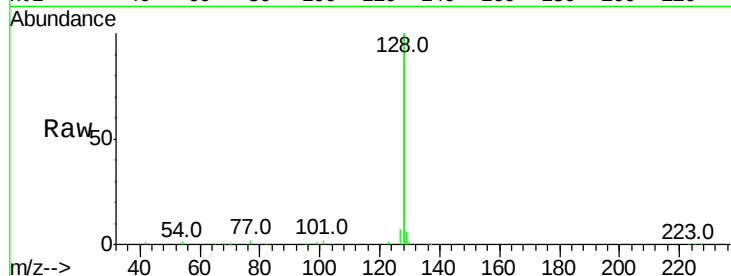
Tot Ion:128 Resp: 83861

Ion Ratio Lower Upper

128 100

129 2.8 11.4 17.0#

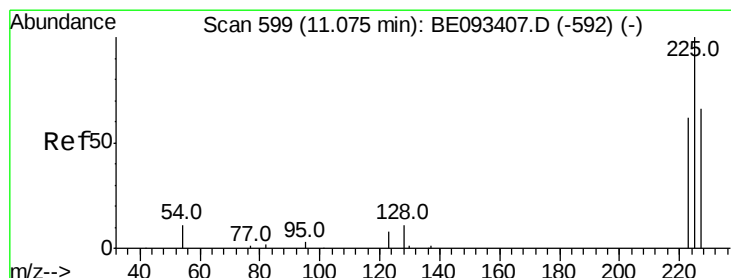
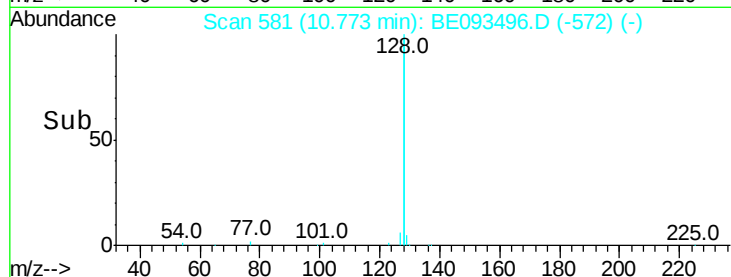
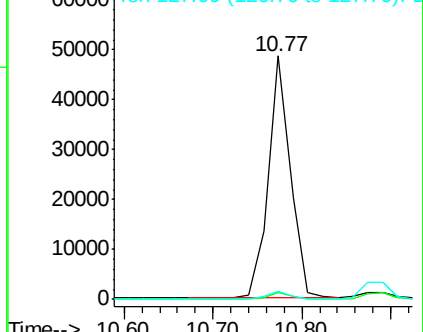
127 3.4 11.2 16.8#



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: 0.373 ng

RT: 11.06 min Scan# 598

Delta R.T. -0.02 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

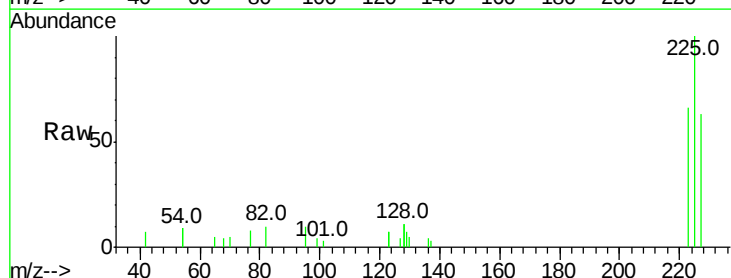
Tgt Ion:225 Resp: 3154

Ion Ratio Lower Upper

225 100

223 62.0 49.7 74.5

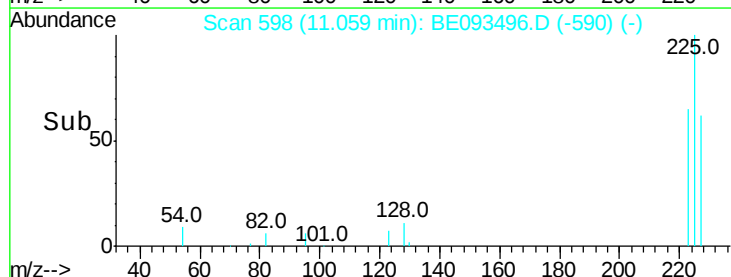
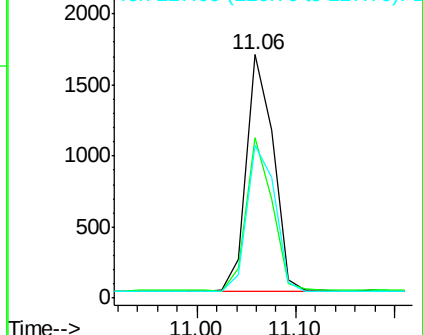
227 64.2 50.3 75.5

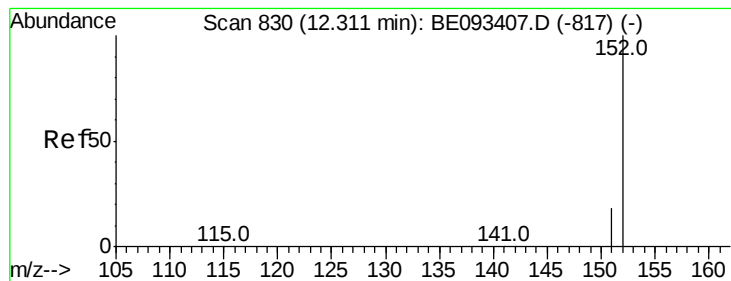


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

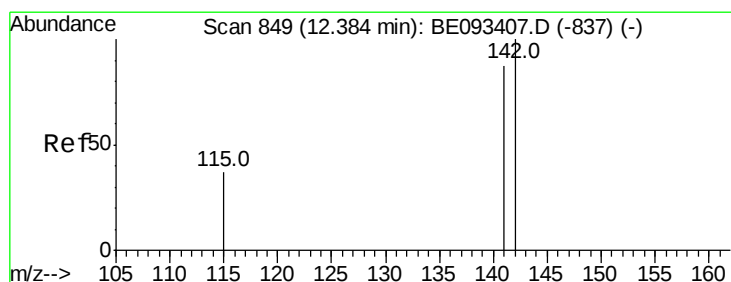
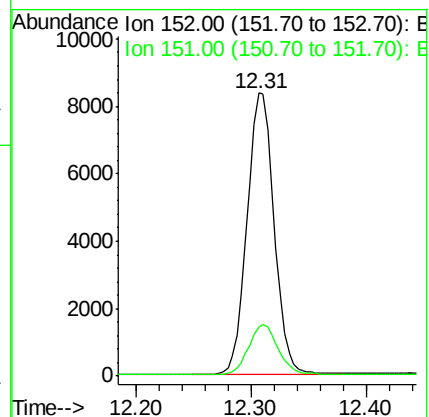
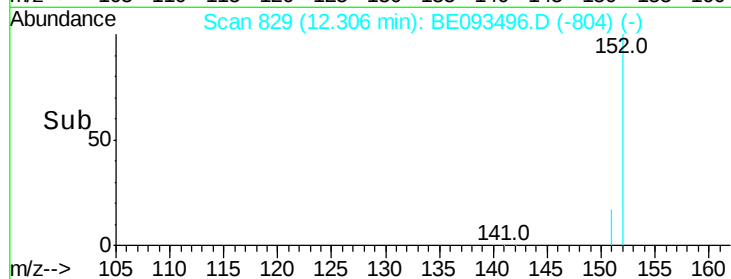
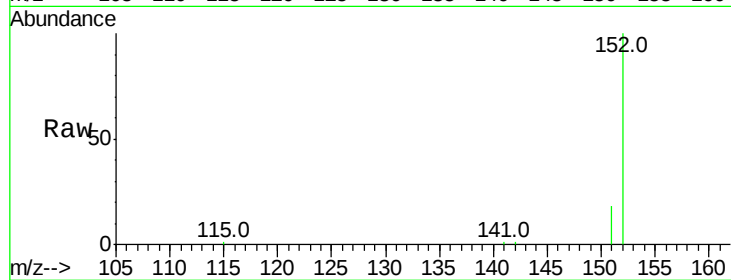
ClientSampleId :

Tot Ion:152 Resp: 13583

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.398 ng

RT: 12.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

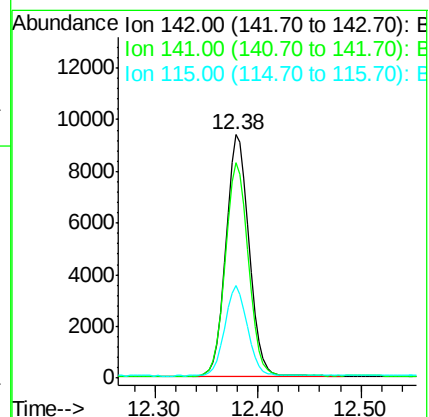
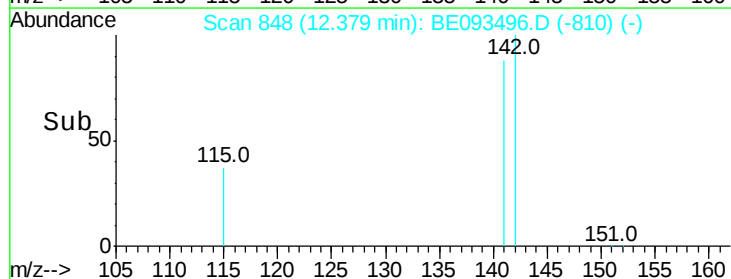
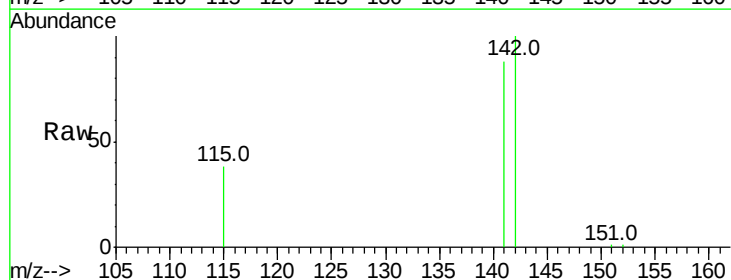
Tgt Ion:142 Resp: 14880

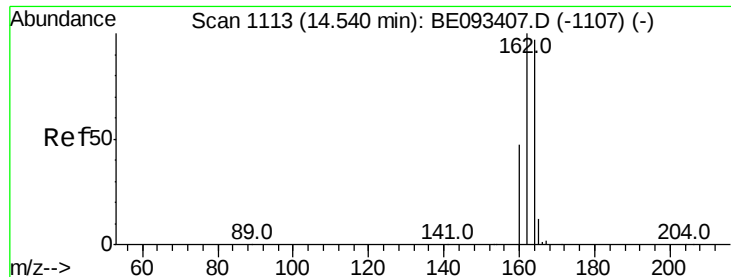
Ion Ratio Lower Upper

142 100

141 88.3 72.6 108.8

115 38.0 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampleId :

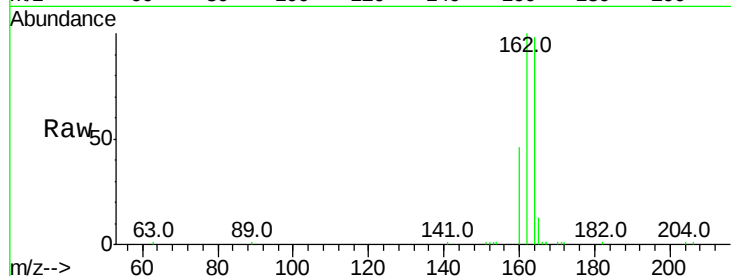
Tot Ion:164 Resp: 13983

Ion Ratio Lower Upper

164 100

162 102.5 84.6 127.0

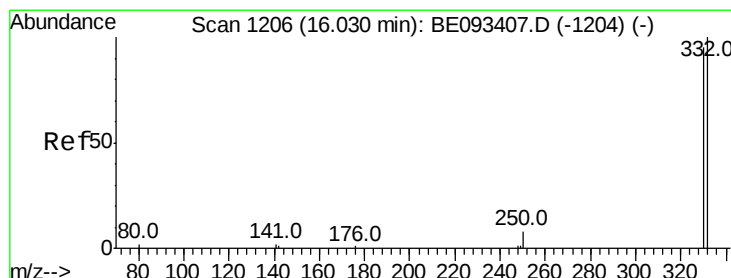
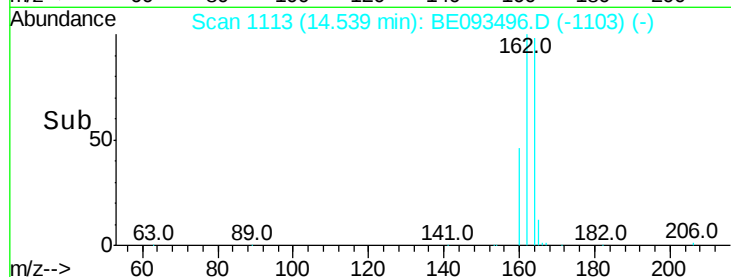
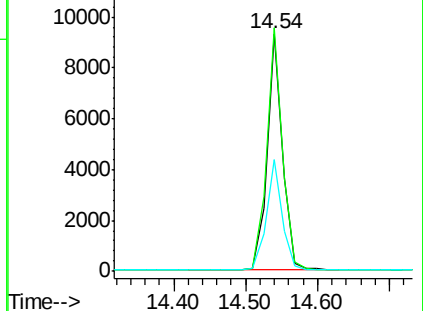
160 47.0 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.483 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

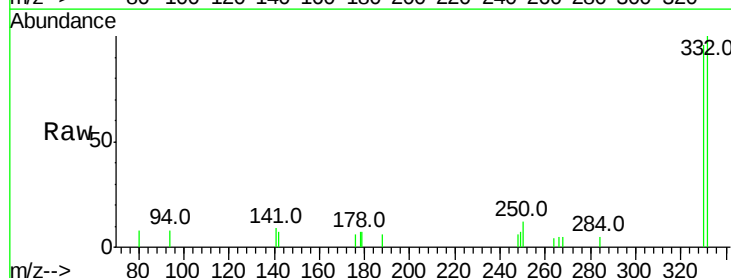
Tgt Ion:330 Resp: 2124

Ion Ratio Lower Upper

330 100

332 103.9 77.7 116.5

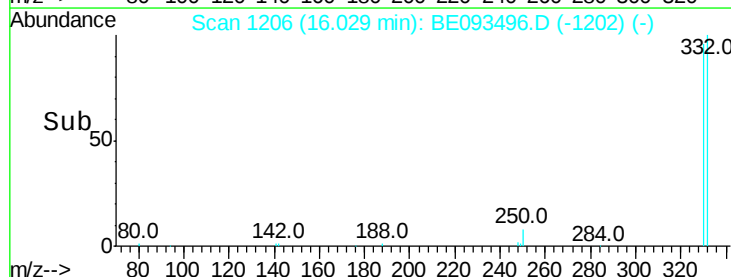
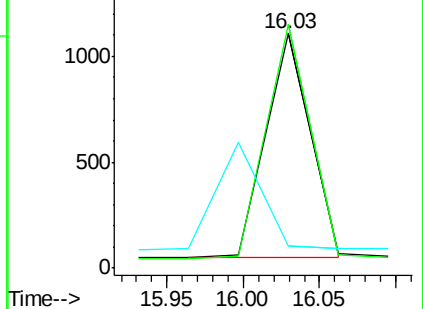
141 0.0 56.2 84.4#

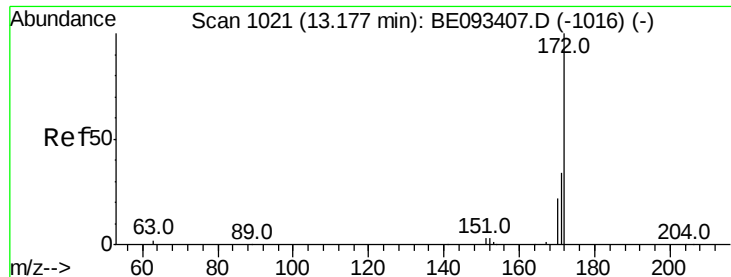


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

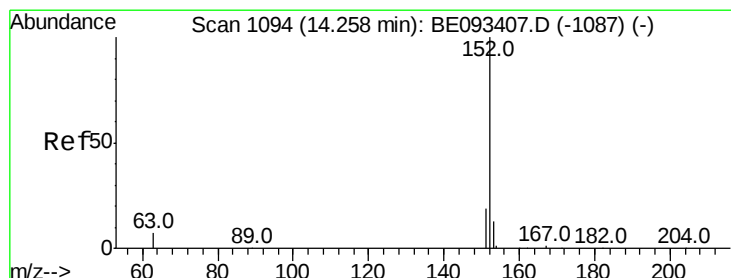
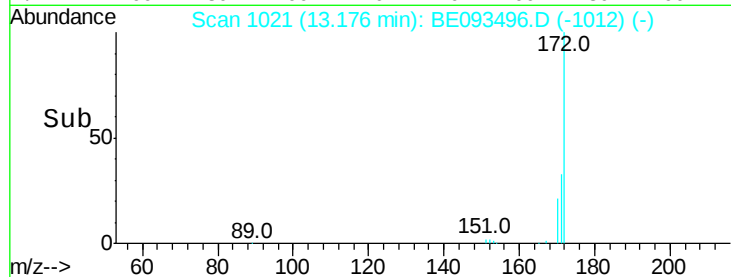
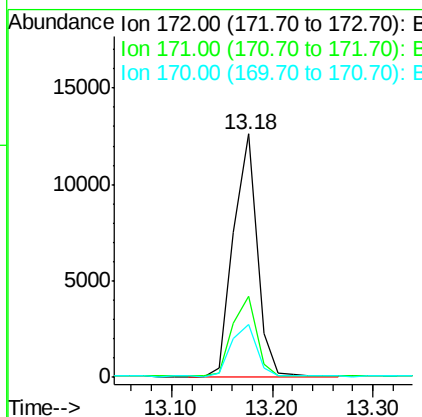
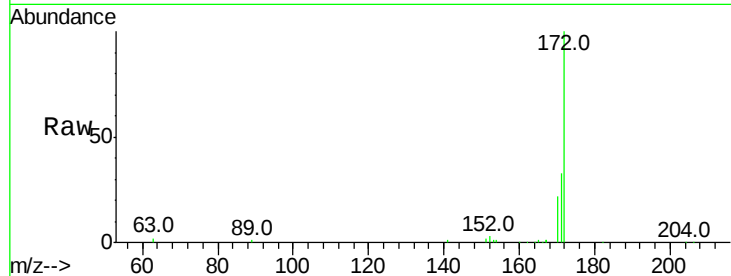




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

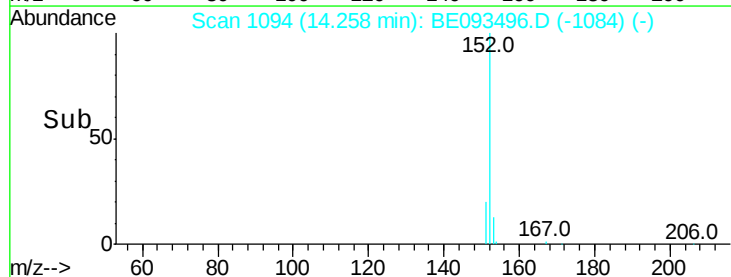
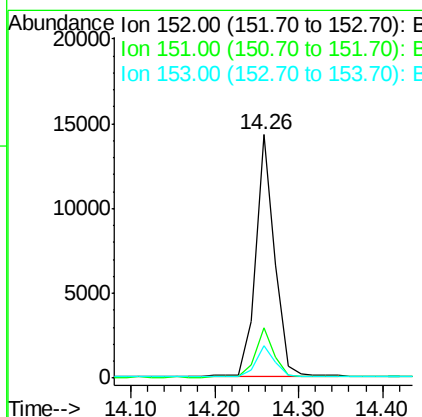
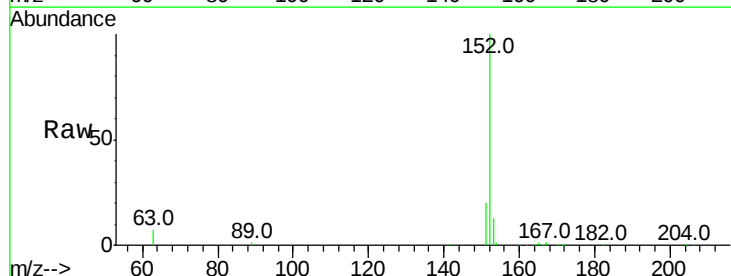
Instrument :
BNA_E
ClientSampleId :

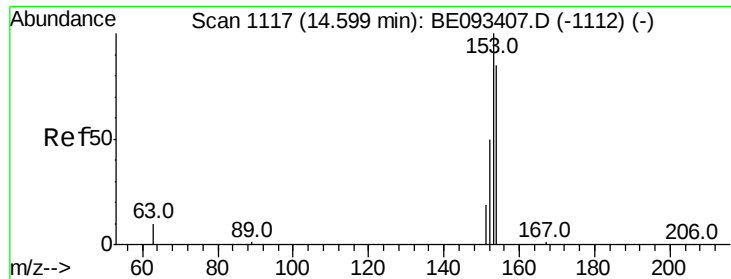
Tot Ion:172 Resp: 20566
Ion Ratio Lower Upper
172 100
171 33.3 29.8 44.6
170 21.8 20.7 31.1



#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:152 Resp: 22799
Ion Ratio Lower Upper
152 100
151 19.8 4.0 6.0#
153 13.0 10.3 15.5

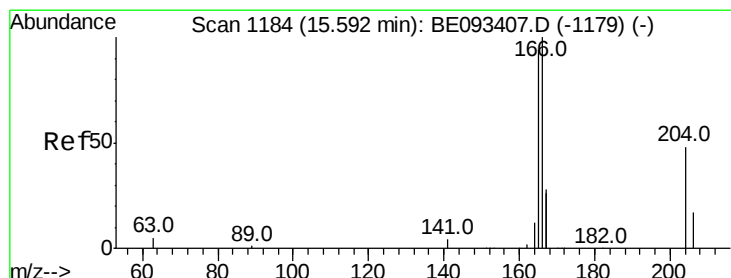
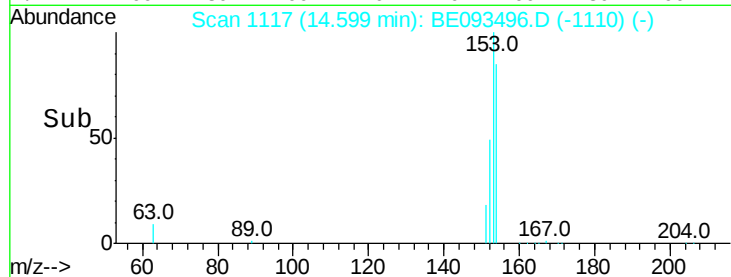
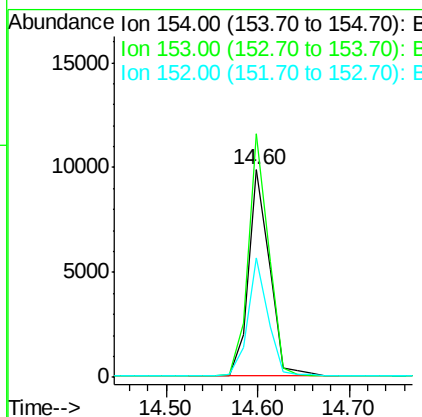
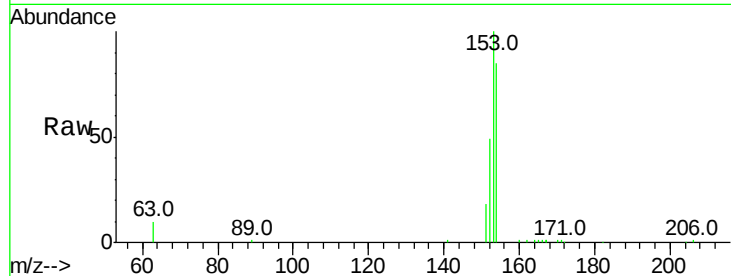




#17
Acenaphthene
Concen: 0.370 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

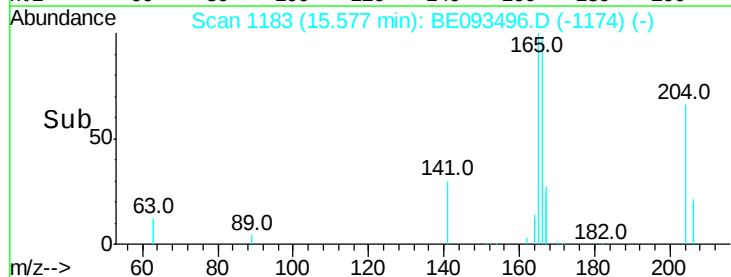
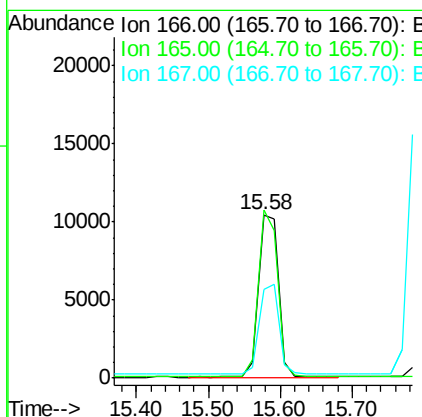
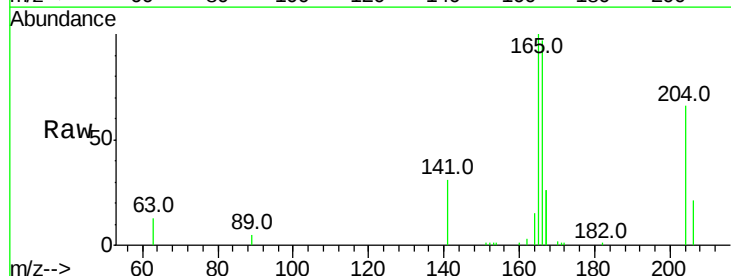
Instrument :
BNA_E
ClientSampleId :

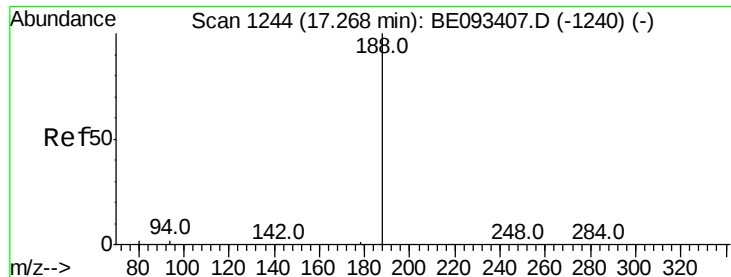
Tot Ion:154 Resp: 15780
Ion Ratio Lower Upper
154 100
153 112.8 91.2 136.8
152 54.2 44.8 67.2



#18
Fluorene
Concen: 0.345 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:166 Resp: 20177
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 54.6 11.1 16.7#

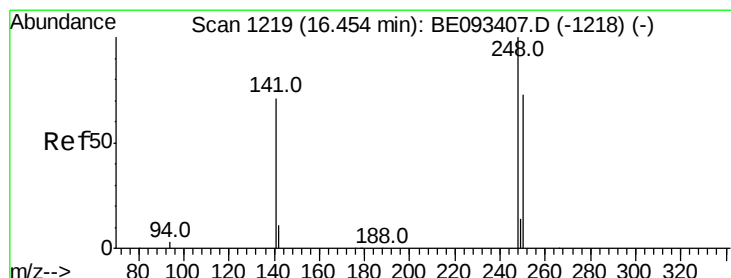
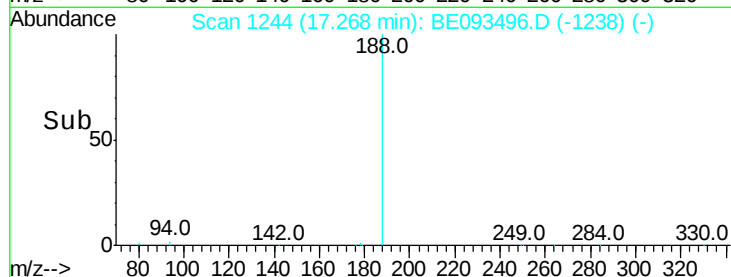
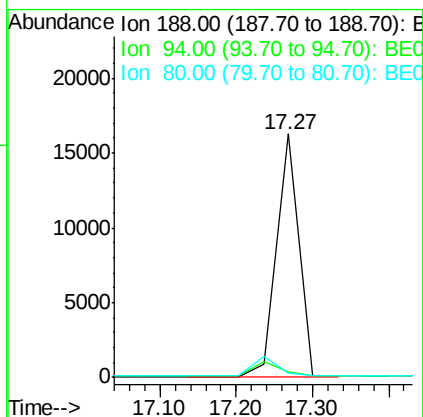
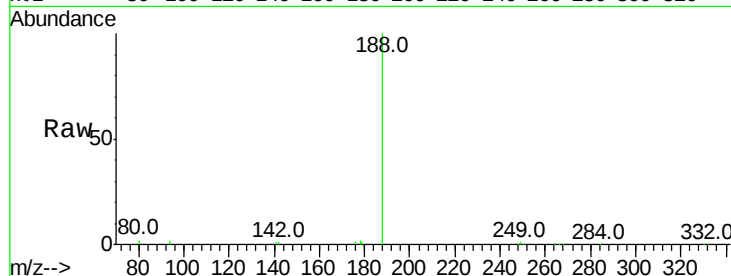




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

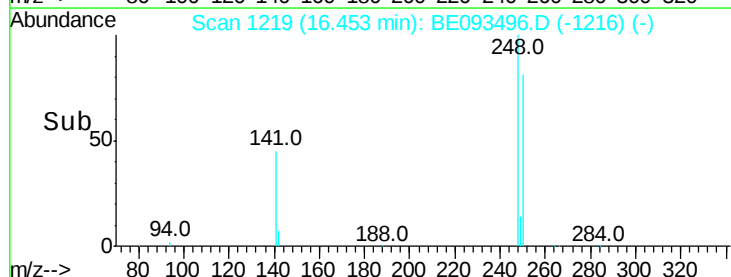
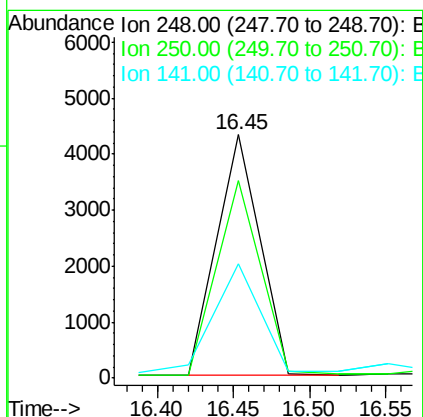
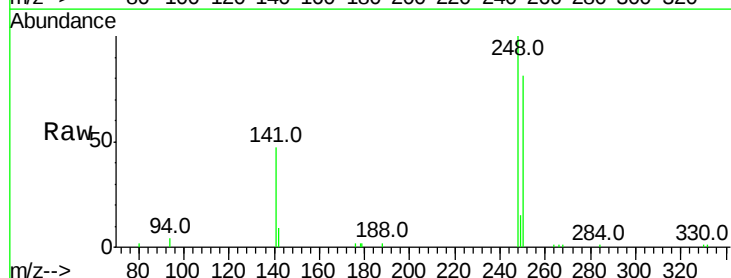
Instrument :
BNA_E
ClientSampleId :

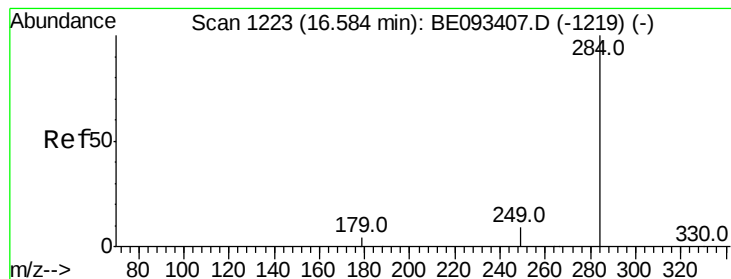
Tot Ion:188 Resp: 33508
Ion Ratio Lower Upper
188 100
94 2.4 11.3 16.9#
80 1.9 11.7 17.5#



#20
4-Bromophenyl-phenylether
Concen: 0.460 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:248 Resp: 8445
Ion Ratio Lower Upper
248 100
250 80.9 40.8 61.2#
141 47.0 161.6 242.4#





#21

Hexachlorobenzene

Concen: 0.413 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampleId :

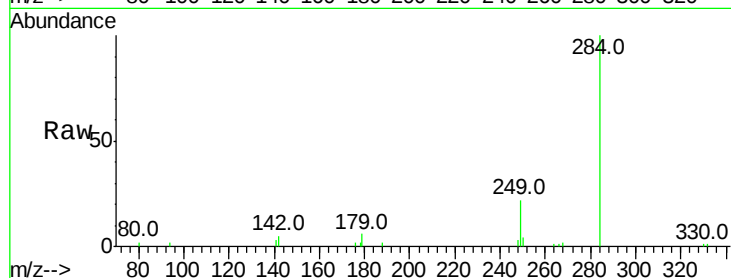
Tot Ion:284 Resp: 8197

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

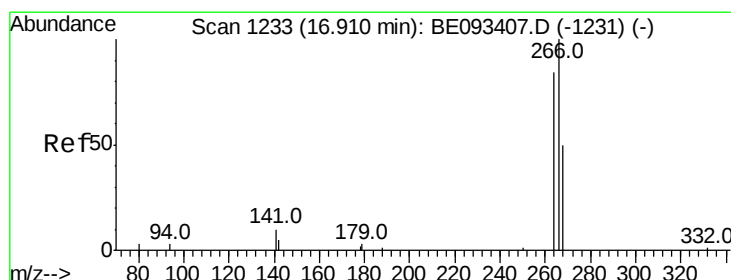
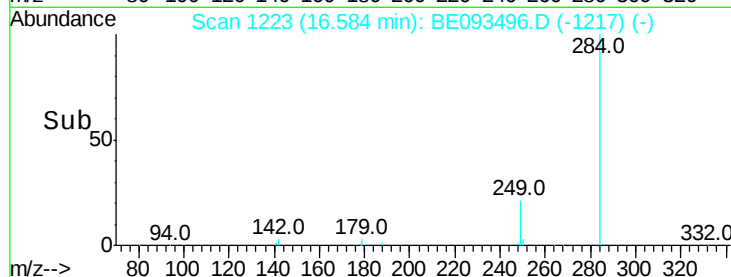
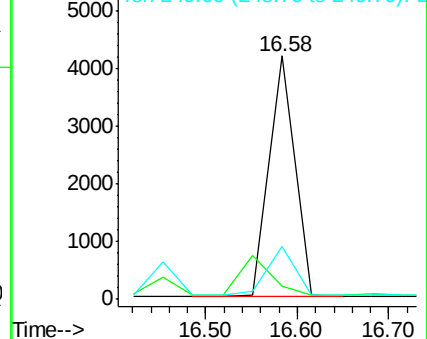
249 21.9 0.0 0.0#



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: 0.605 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

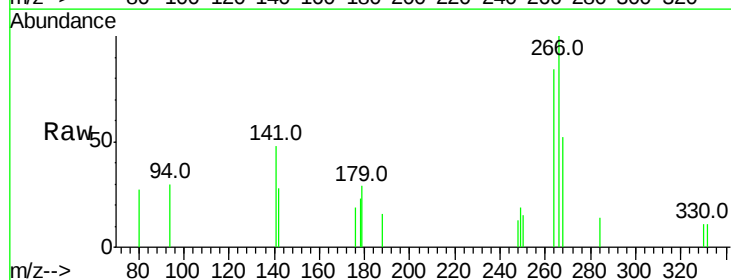
Tgt Ion:266 Resp: 1563

Ion Ratio Lower Upper

266 100

264 84.0 58.2 87.2

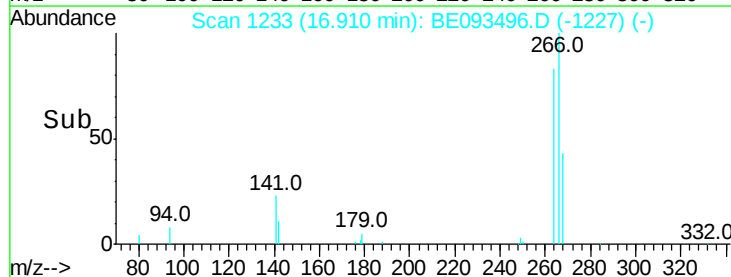
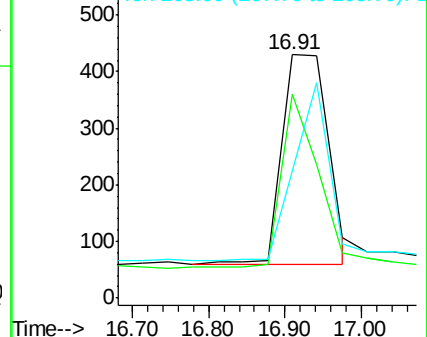
268 52.3 71.9 107.9#

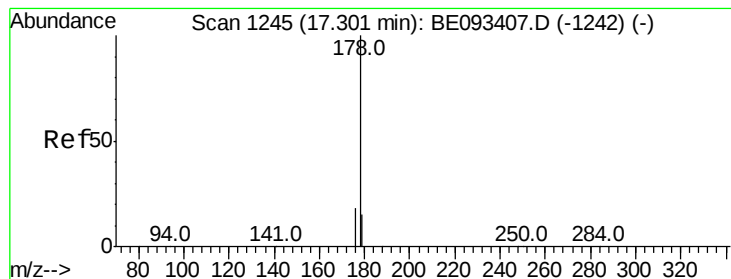


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.363 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampleId :

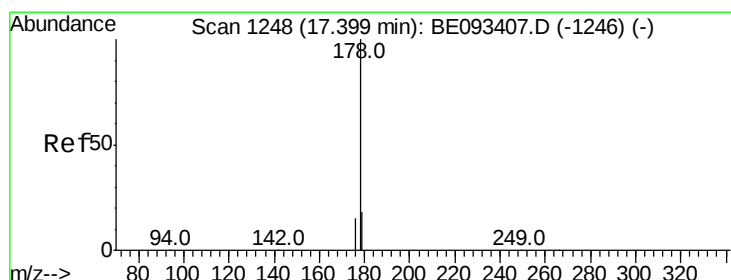
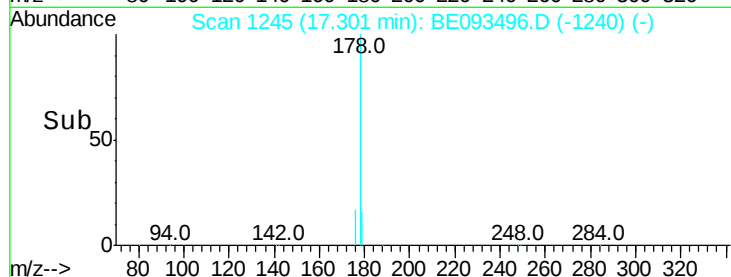
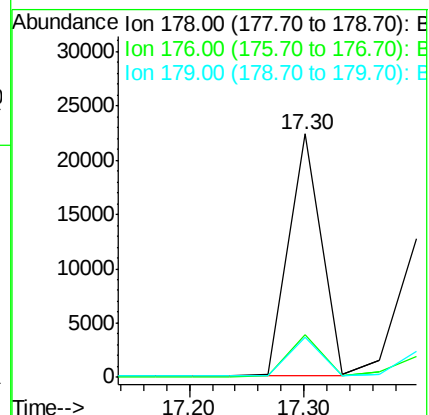
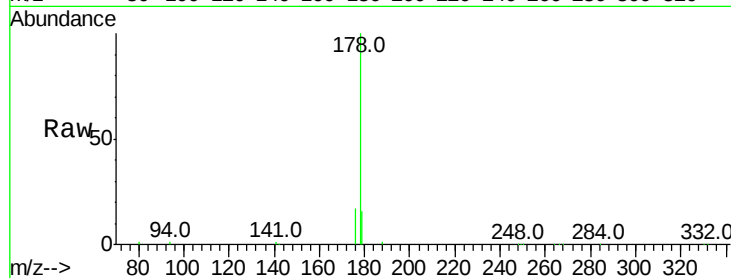
Tot Ion:178 Resp: 44200

Ion Ratio Lower Upper

178 100

176 17.1 15.0 22.4

179 16.1 12.7 19.1



#24

Anthracene

Concen: 0.331 ng

RT: 17.40 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

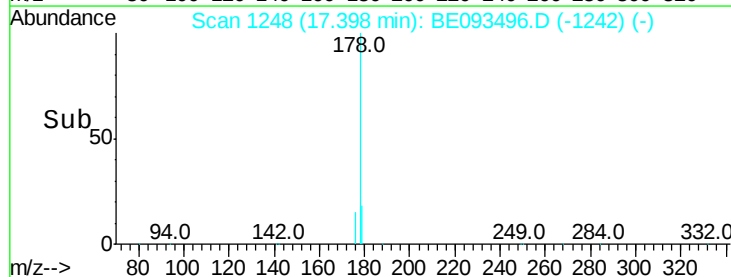
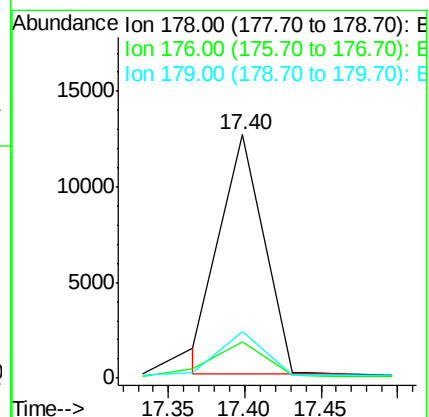
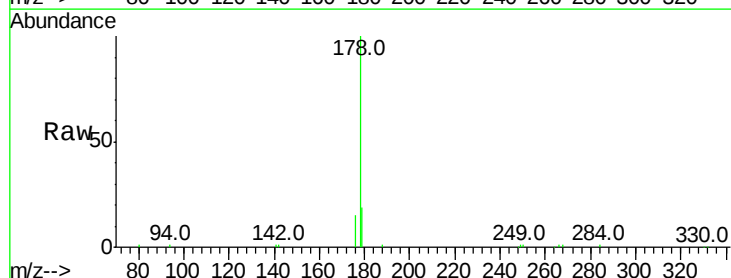
Tgt Ion:178 Resp: 24725

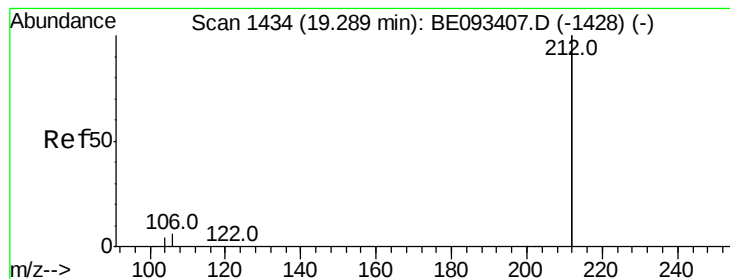
Ion Ratio Lower Upper

178 100

176 14.7 14.6 22.0

179 17.9 12.0 18.0





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampleId :

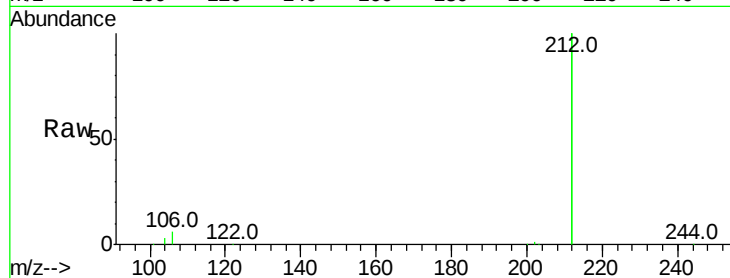
Tot Ion:212 Resp: 147942

Ion Ratio Lower Upper

212 100

106 3.3 2.4 3.6

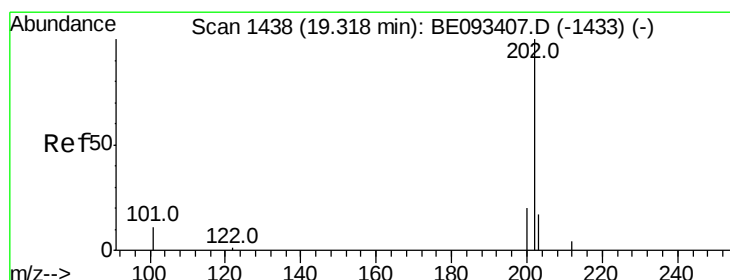
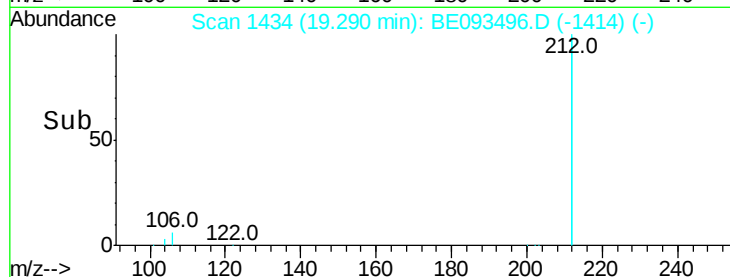
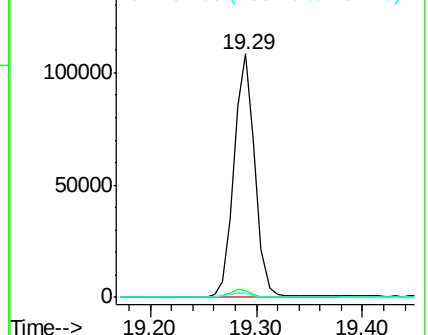
104 1.9 1.6 2.4



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



#26

Fluoranthene

Concen: 0.358 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

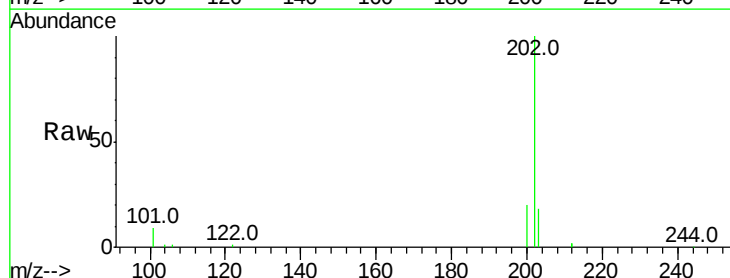
Tgt Ion:202 Resp: 40967

Ion Ratio Lower Upper

202 100

101 11.5 9.6 14.4

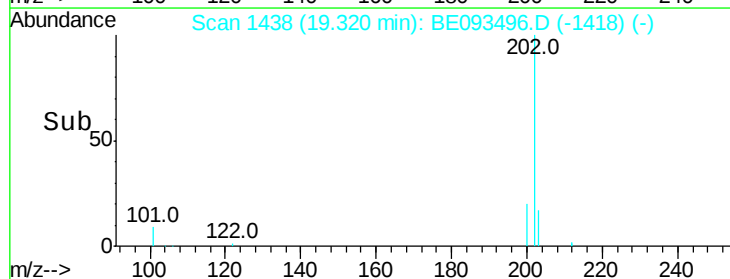
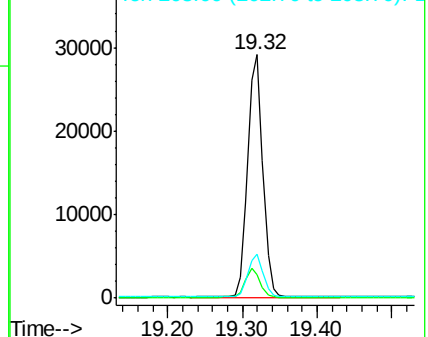
203 17.0 14.4 21.6

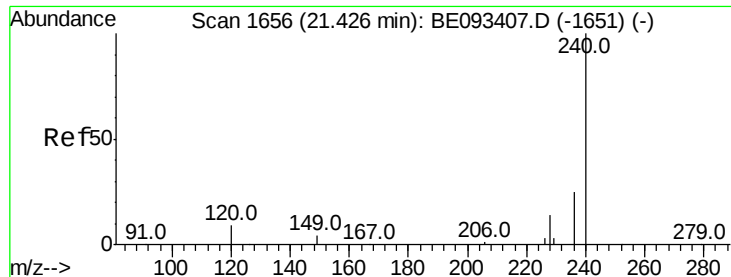


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampleId :

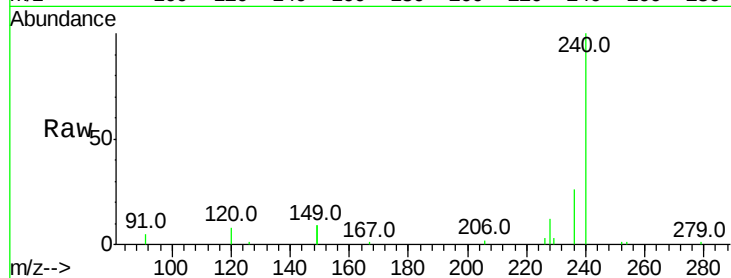
Tot Ion:240 Resp: 36528

Ion Ratio Lower Upper

240 100

120 8.2 4.6 7.0#

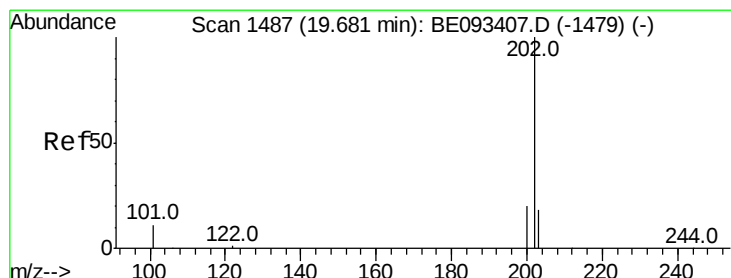
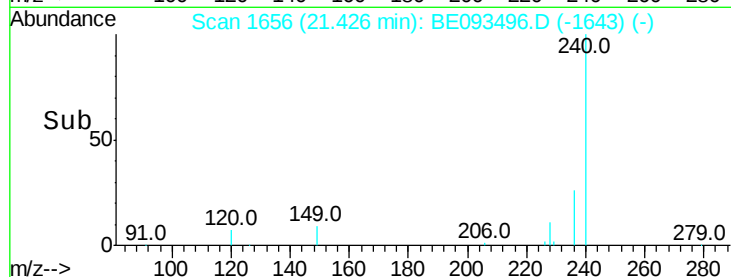
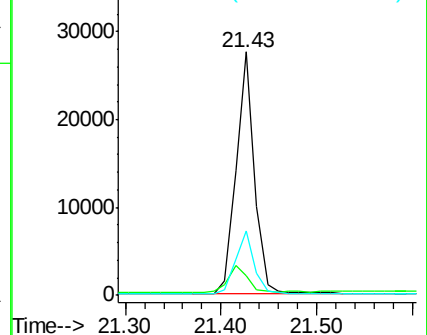
236 26.3 20.8 31.2



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: 0.411 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

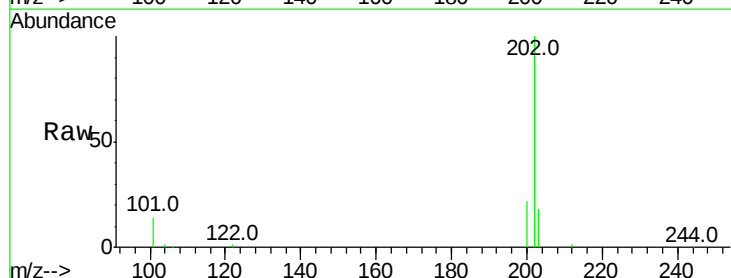
Tgt Ion:202 Resp: 42179

Ion Ratio Lower Upper

202 100

200 20.7 0.0 0.0#

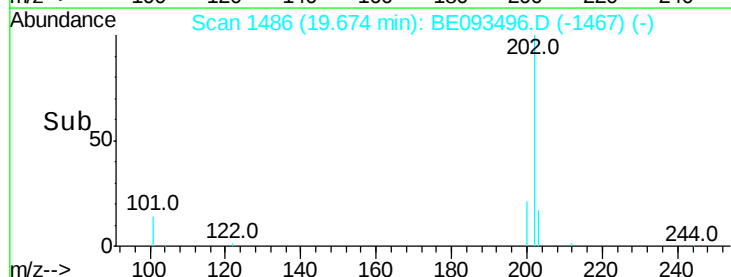
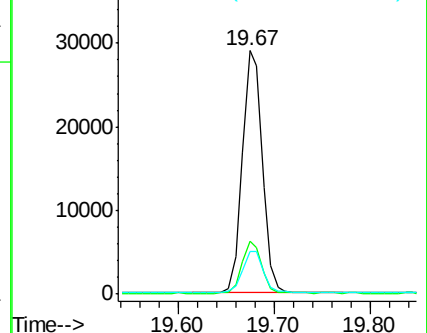
203 17.5 13.7 20.5

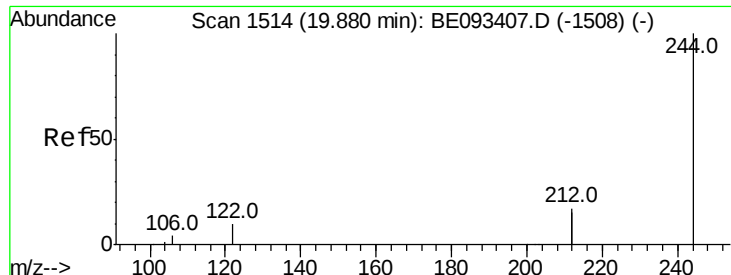


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

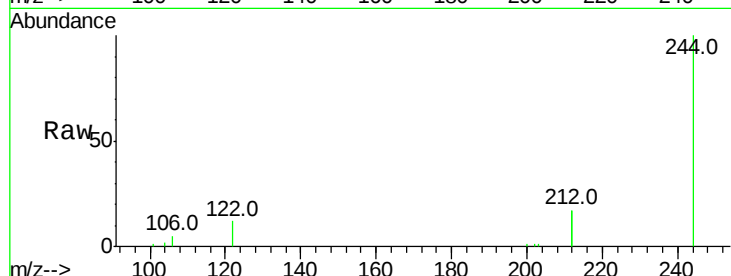
Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

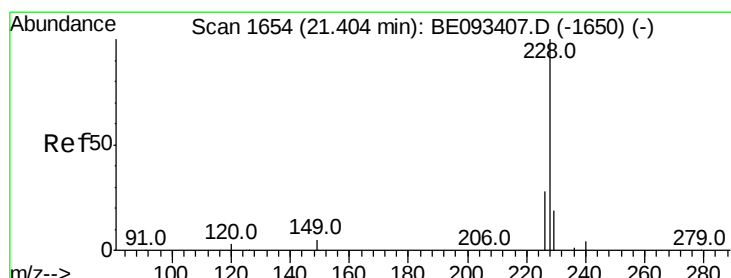
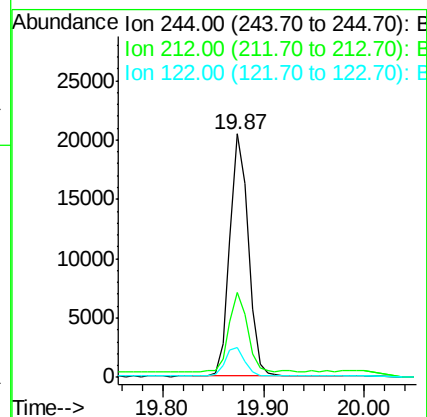
BNA_E

ClientSampled :



Tot Ion:244 Resp: 26004

Ion	Ratio	Lower	Upper
244	100		
212	35.0	10.6	16.0#
122	12.4	15.4	23.0#



#30

Benzo(a)anthracene

Concen: 0.406 ng

RT: 21.40 min Scan# 1654

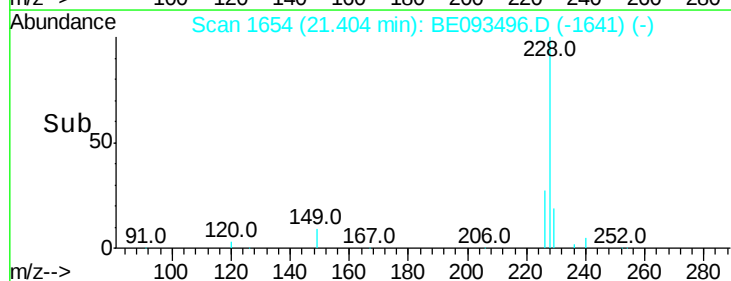
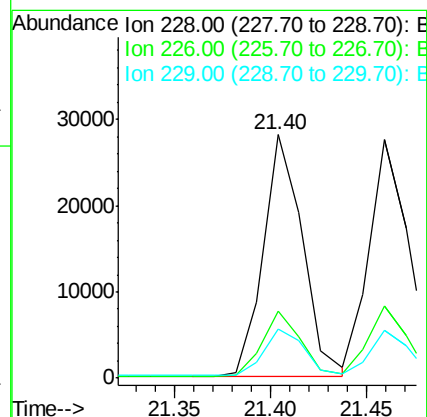
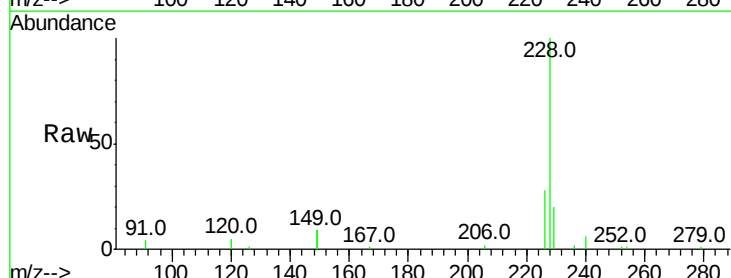
Delta R.T. -0.00 min

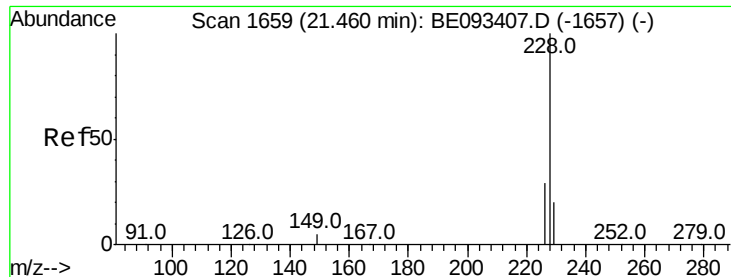
Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Tgt Ion:228 Resp: 40064

Ion	Ratio	Lower	Upper
228	100		
226	27.6	19.7	29.5
229	20.2	19.2	28.8





#31

Chrysene

Concen: 0.374 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

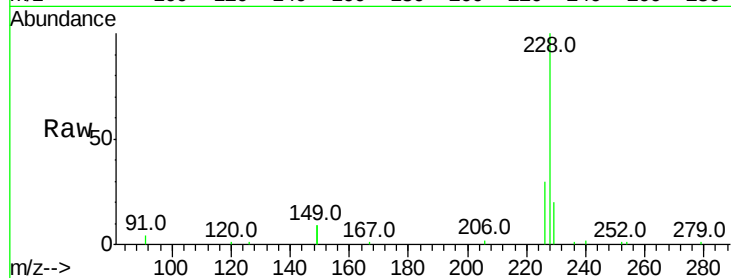
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 38554

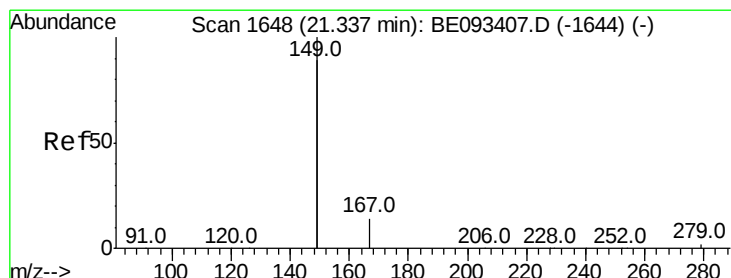
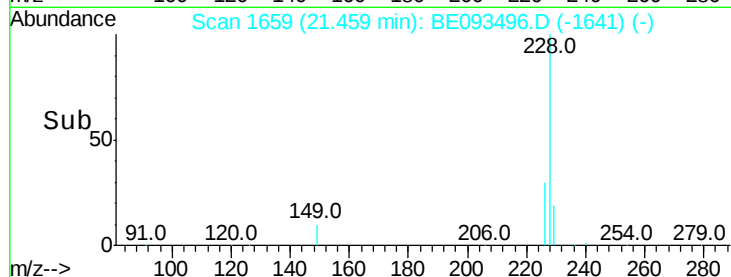
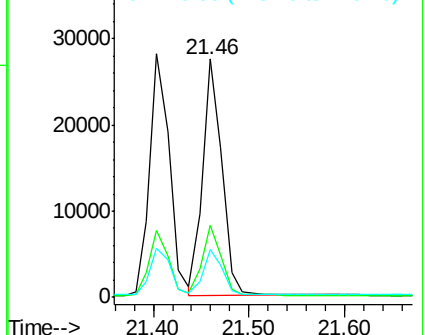
Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.5	32.3
229	20.3	18.6	28.0



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: 0.719 ng

RT: 21.33 min Scan# 1647

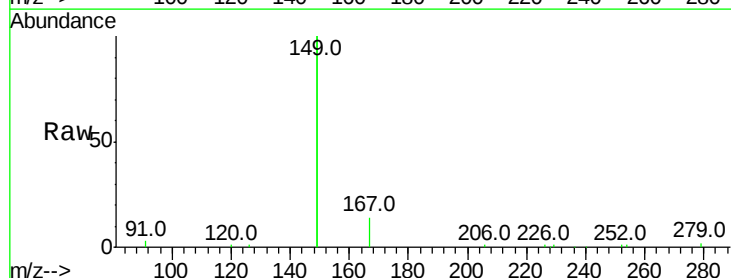
Delta R.T. -0.01 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Tgt Ion:149 Resp: 102150

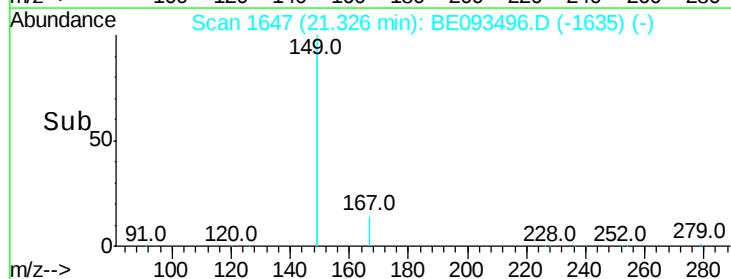
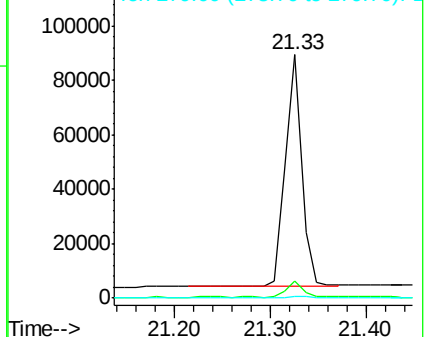
Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	0.9	2.2	3.4#

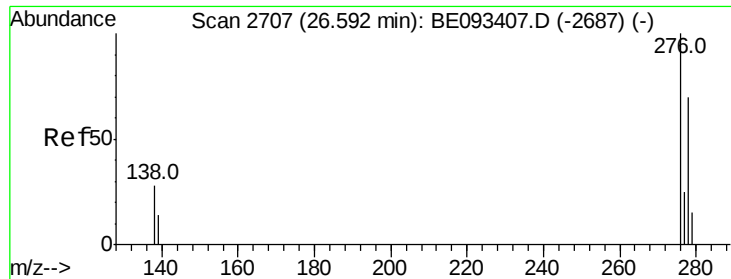


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

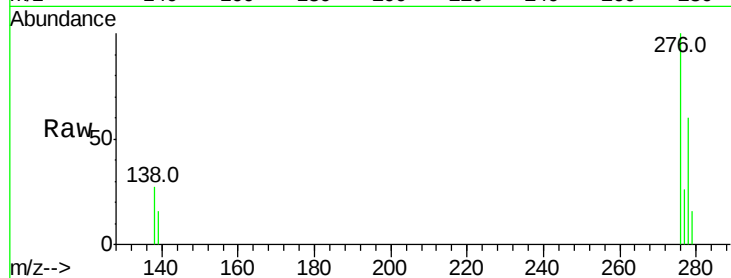




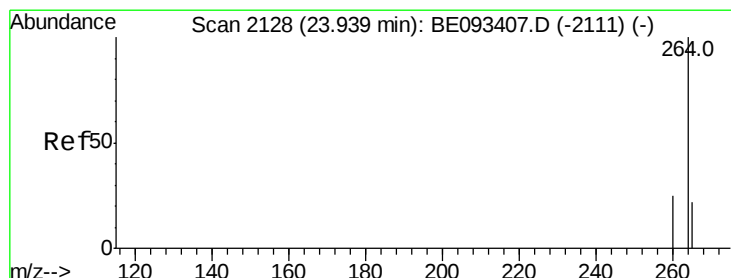
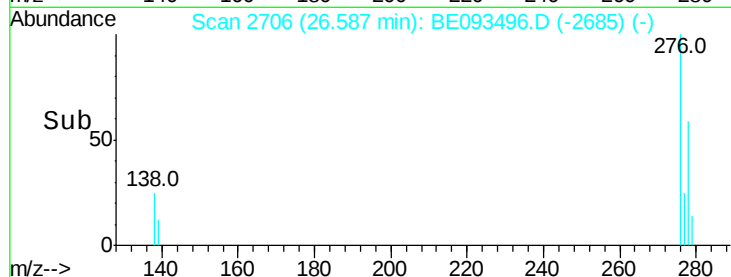
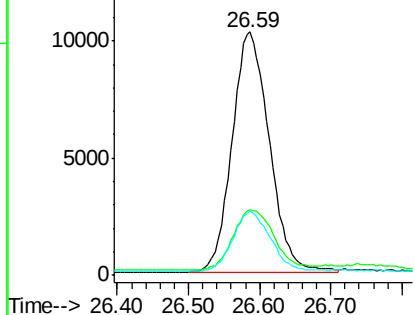
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng
RT: 26.59 min Scan# 2706
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 37184
Ion Ratio Lower Upper
276 100
138 28.0 27.4 41.2
277 25.2 20.1 30.1

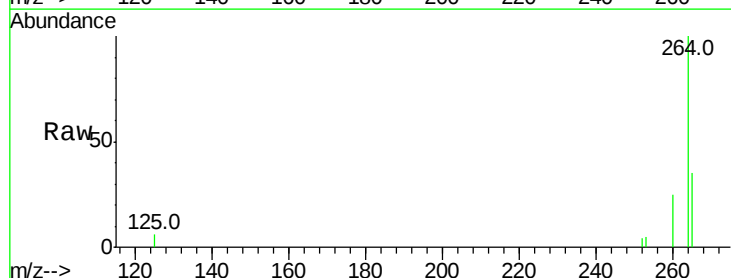


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

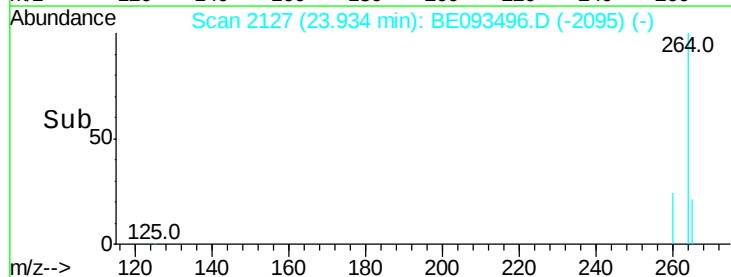
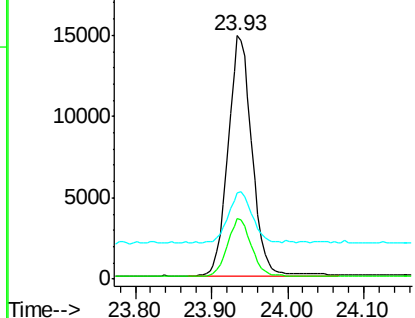


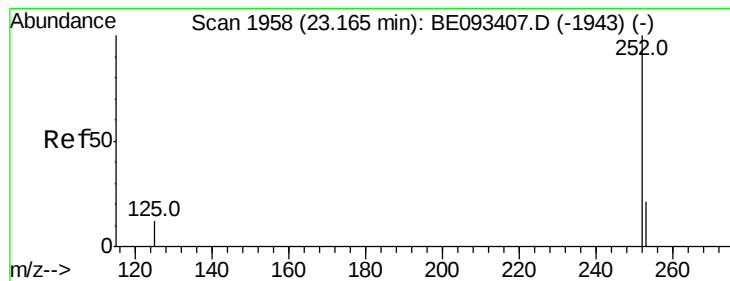
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:264 Resp: 32405
Ion Ratio Lower Upper
264 100
260 25.0 21.0 31.4
265 35.3 24.6 36.8



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: 0.362 ng

RT: 23.16 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampleId :

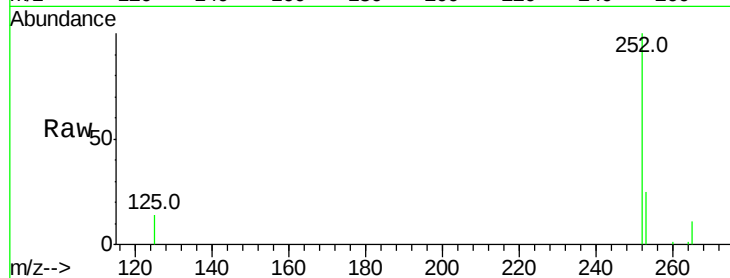
Tot Ion:252 Resp: 37886

Ion Ratio Lower Upper

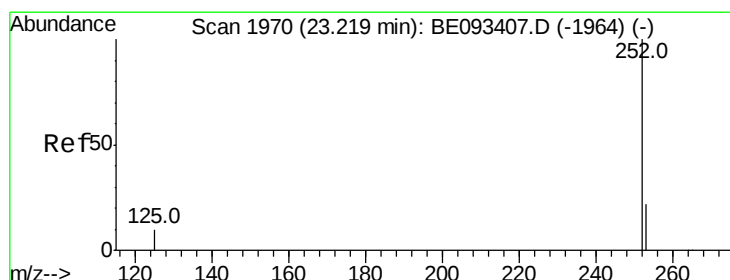
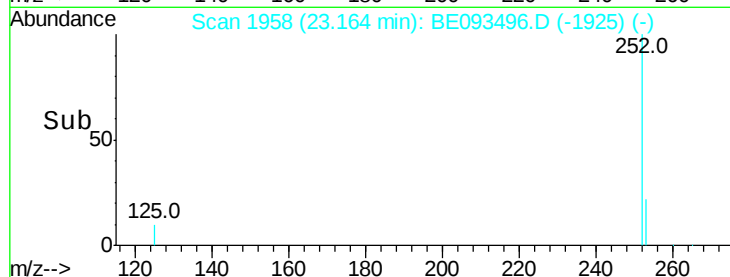
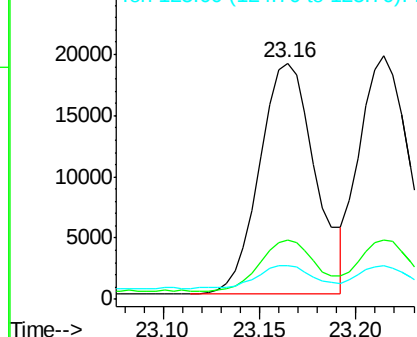
252 100

253 25.4 18.5 27.7

125 14.4 13.4 20.0



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



#36

Benzo(k)fluoranthene

Concen: 0.343 ng

RT: 23.21 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

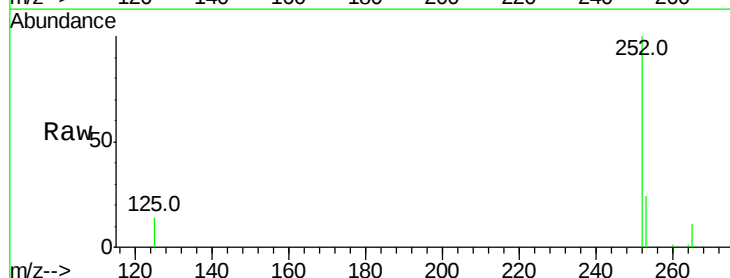
Tgt Ion:252 Resp: 35468

Ion Ratio Lower Upper

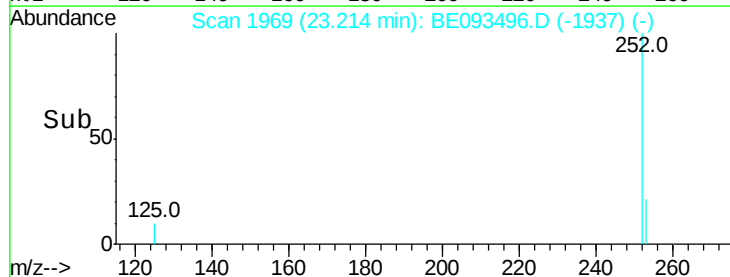
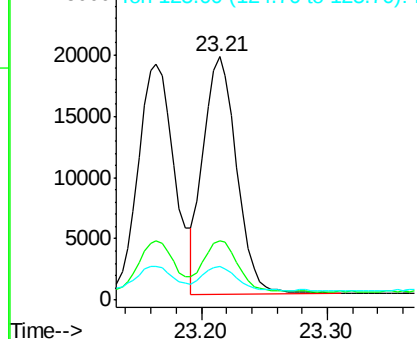
252 100

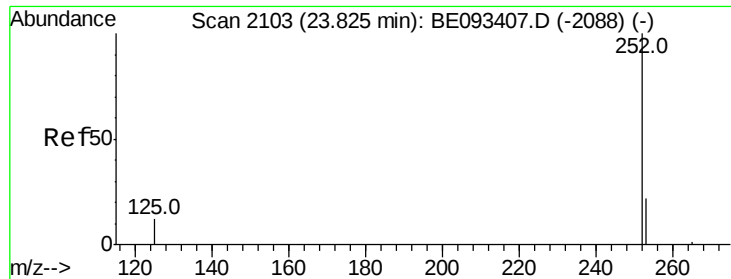
253 24.4 20.3 30.5

125 13.9 12.2 18.4



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: 0.373 ng

RT: 23.82 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampleId :

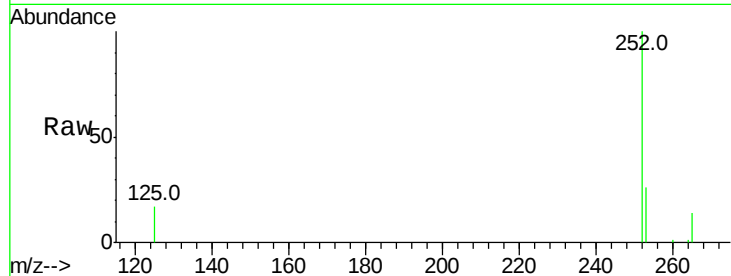
Tot Ion:252 Resp: 34225

Ion Ratio Lower Upper

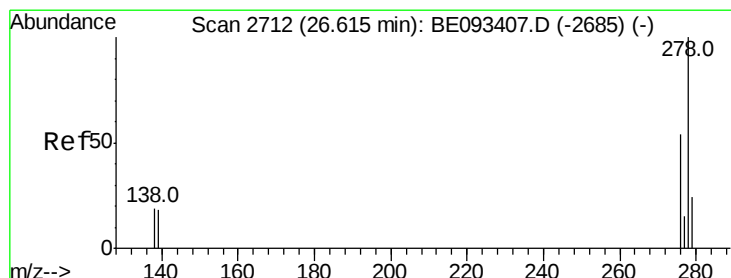
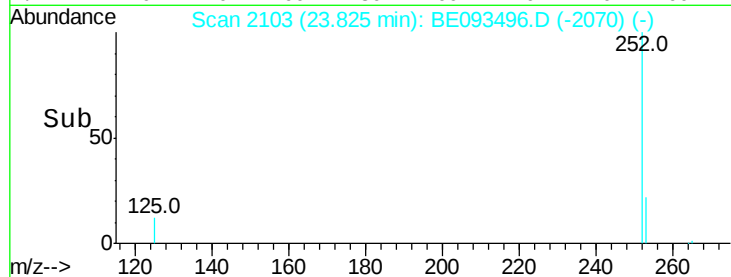
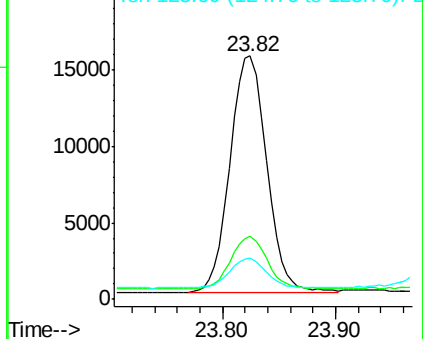
252 100

253 25.7 19.9 29.9

125 16.8 14.6 21.8



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: 0.368 ng

RT: 26.61 min Scan# 2711

Delta R.T. -0.00 min

Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

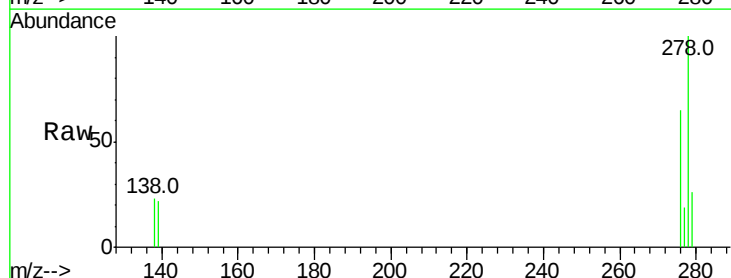
Tgt Ion:278 Resp: 32760

Ion Ratio Lower Upper

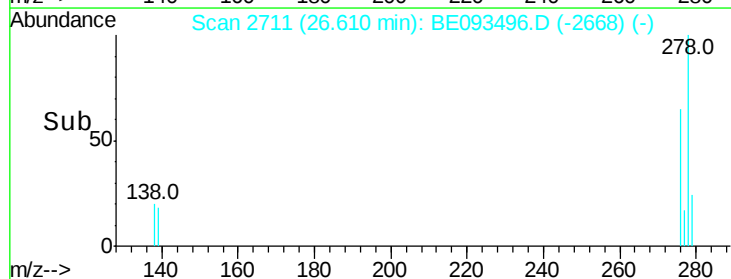
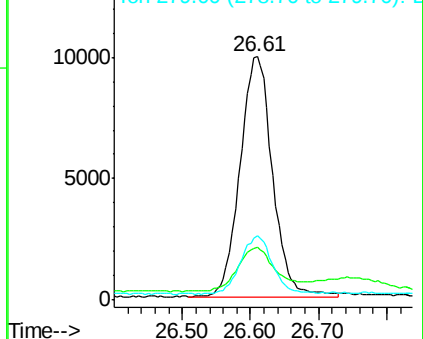
278 100

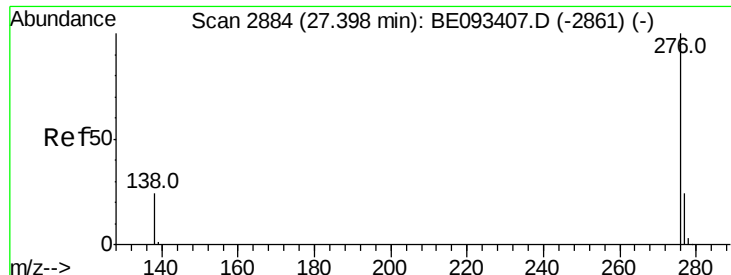
139 21.6 21.4 32.0

279 26.3 22.2 33.2



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: 0.362 ng

RT: 27.40 min Scan# 2884

Delta R.T. -0.00 min

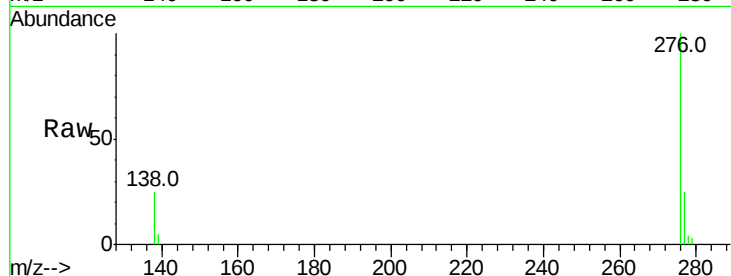
Lab File: BE093496.D

Acq: 20 Jul 2017 11:27

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 32558

Ion Ratio Lower Upper

276 100

277 25.4 21.2 31.8

138 25.4 24.5 36.7

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

