

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097533.D
 Acq On : 18 Sep 2018 14:58
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 16:11:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1058	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	5139	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	3103	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	8293	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9562	0.40	ng	0.00
34) Perylene-d12	23.21	264	10085	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1310	0.37	ng	0.00
5) Phenol-d6	6.60	99	1786	0.39	ng	-0.01
8) Nitrobenzene-d5	8.52	82	1580	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	11.71	152	3015	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	550	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	4496	0.41	ng	0.00
25) Fluoranthene-d10	18.80	212	38672	0.39	ng	0.00
29) Terphenyl-d14	19.42	244	7836	0.43	ng	0.00

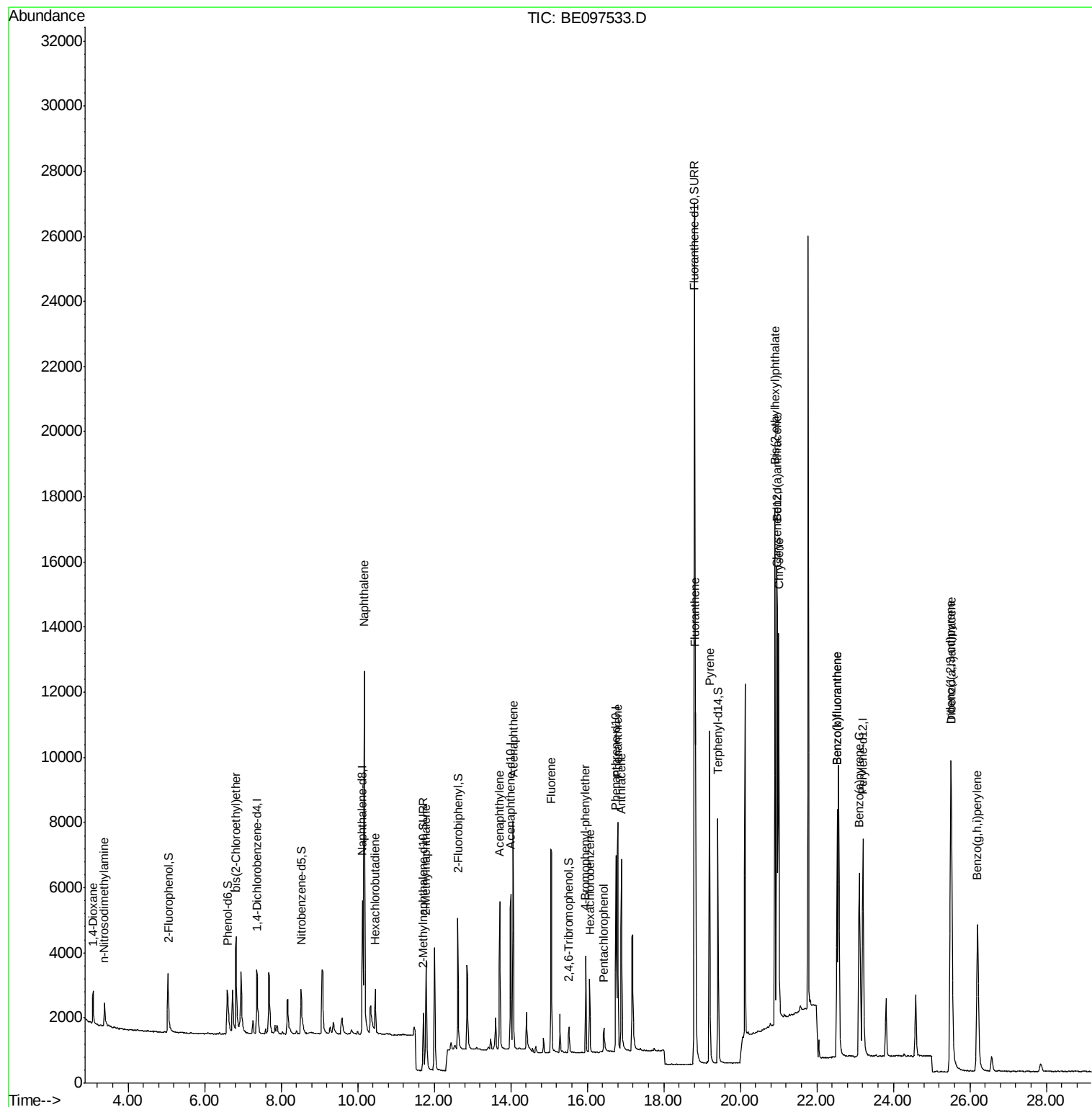
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	688	0.376	ng	# 89
3) n-Nitrosodimethylamine	3.37	42	568	0.371	ng	# 84
6) bis(2-Chloroethyl)ether	6.83	93	1468	0.404	ng	# 83
9) Naphthalene	10.17	128	19405	0.416	ng	100
10) Hexachlorobutadiene	10.46	225	875	0.395	ng	96
12) 2-Methylnaphthalene	11.79	142	3124	0.419	ng	99
16) Acenaphthylene	13.72	152	5201	0.385	ng	100
17) Acenaphthene	14.06	154	3457	0.415	ng	97
18) Fluorene	15.05	166	4418	0.416	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1592	0.398	ng	# 87
21) Hexachlorobenzene	16.07	284	1772	0.418	ng	# 84
22) Pentachlorophenol	16.44	266	575	0.858	ng	# 78
23) Phenanthrene	16.80	178	8229	0.422	ng	99
24) Anthracene	16.89	178	6966	0.387	ng	96
26) Fluoranthene	18.83	202	9991	0.393	ng	98
28) Pyrene	19.19	202	10459	0.425	ng	100
30) Benzo(a)anthracene	20.96	228	10031	0.399	ng	96
31) Chrysene	21.00	228	10986	0.426	ng	100
32) Bis(2-ethylhexyl)phthalate	20.91	149	17564	0.329	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.50	276	13674	0.445	ng	95
35) Benzo(b)fluoranthene	22.53	252	10055	0.390	ng	# 89
36) Benzo(k)fluoranthene	22.53	252	10055	0.358	ng	94
37) Benzo(a)pyrene	23.11	252	10398	0.406	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	11439	0.428	ng	98
39) Benzo(g,h,i)perylene	26.21	276	10988	0.403	ng	# 89

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097533.D
Acq On : 18 Sep 2018 14:58
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Sep 18 16:11:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration



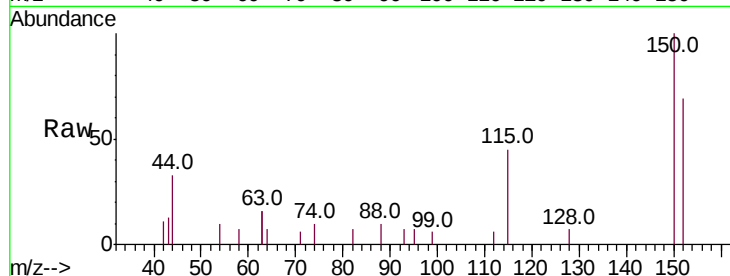


#1

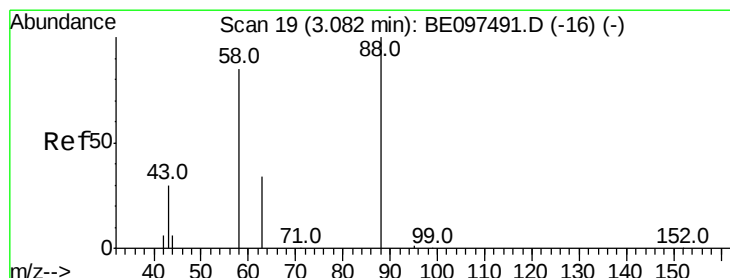
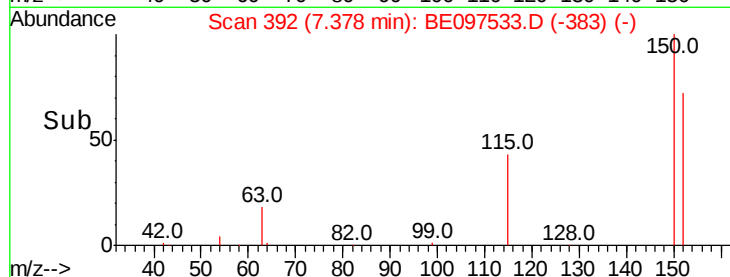
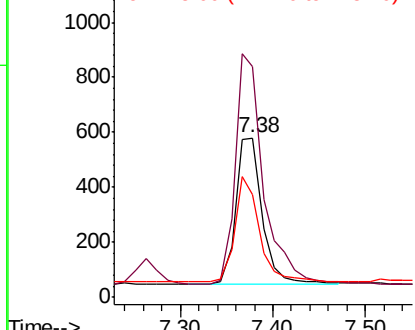
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097533.D
Acq: 18 Sep 2018 14:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:152 Resp: 1058
Ion Ratio Lower Upper
152 100
150 144.2 117.2 175.8
115 64.4 57.0 85.6



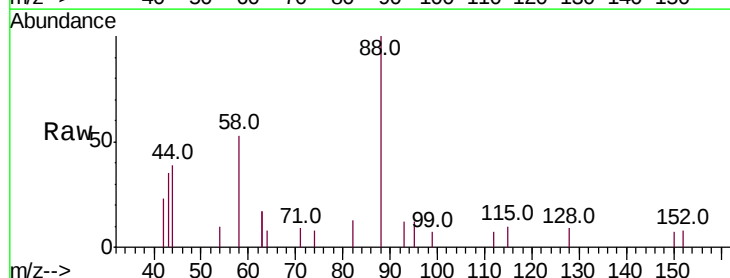
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



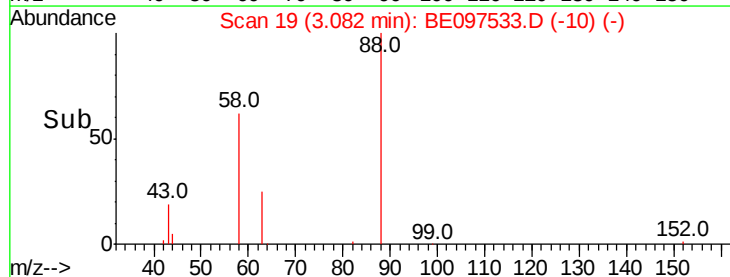
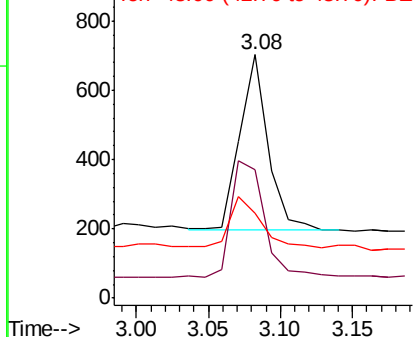
#2

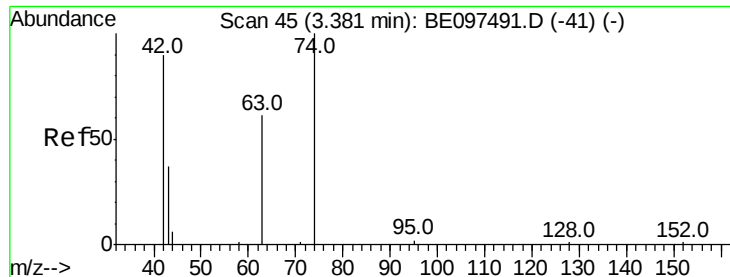
1,4-Dioxane
Concen: 0.376 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097533.D
Acq: 18 Sep 2018 14:58

Tgt Ion: 88 Resp: 688
Ion Ratio Lower Upper
88 100
58 78.5 63.2 94.8
43 32.4 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



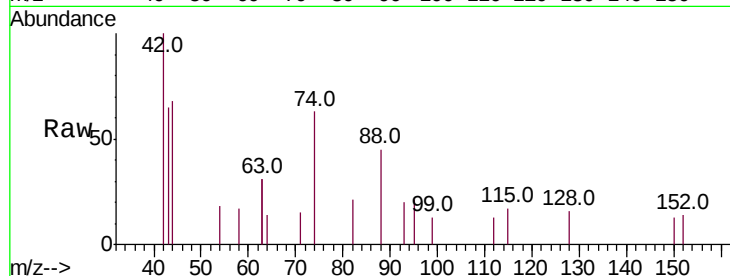


#3

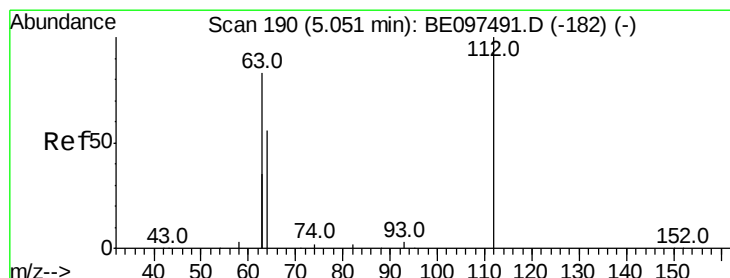
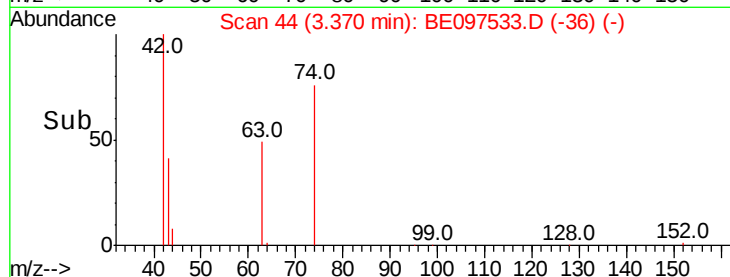
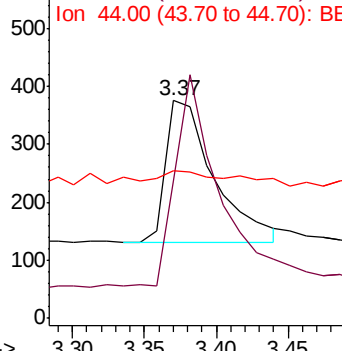
n-Nitrosodimethylamine
 Concen: 0.371 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BE097533.D
 Acq: 18 Sep 2018 14:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 42 Resp: 568
 Ion Ratio Lower Upper
 42 100
 74 137.1 96.0 144.0
 44 6.9 12.0 18.0#



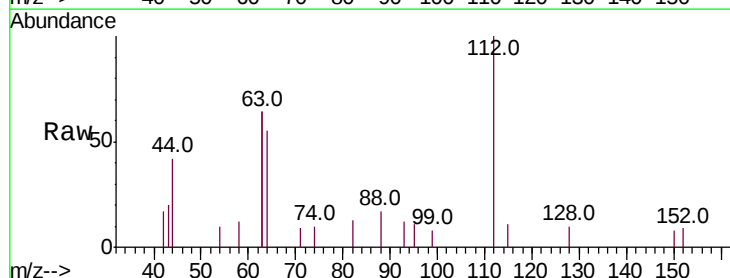
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



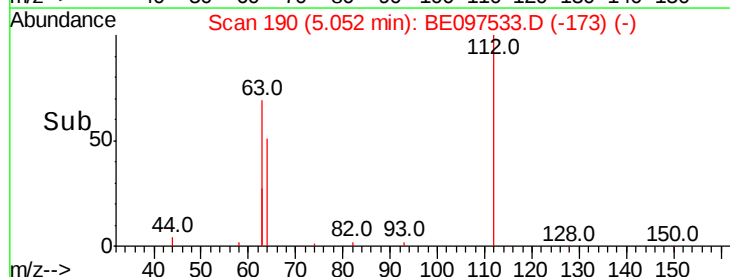
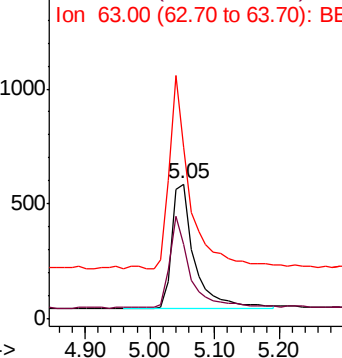
#4

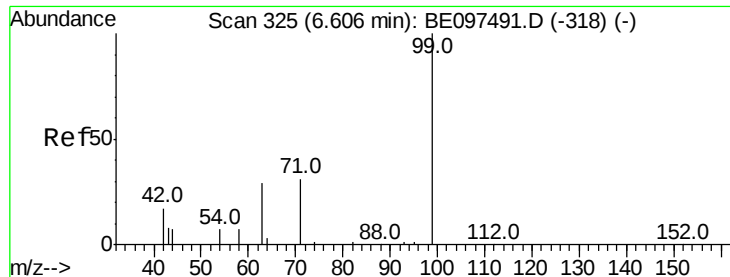
2-Fluorophenol
 Concen: 0.366 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097533.D
 Acq: 18 Sep 2018 14:58

Tgt Ion: 112 Resp: 1310
 Ion Ratio Lower Upper
 112 100
 64 65.9 60.1 90.1
 63 141.9 116.8 175.2



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





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :
MSVOA_X
ClientSampled :

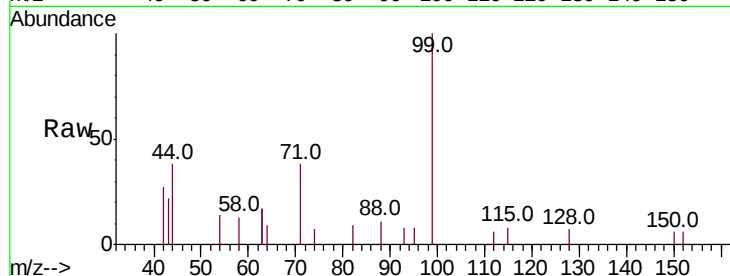
Tot Ion: 99 Resp: 1786

Ion Ratio Lower Upper

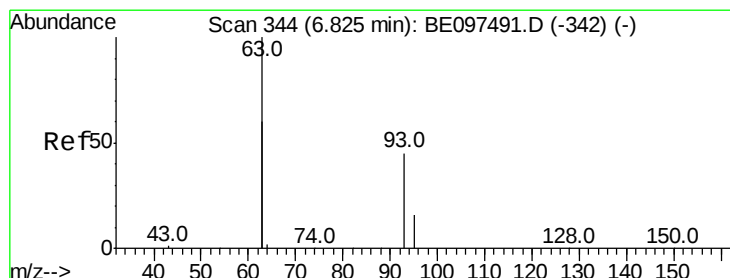
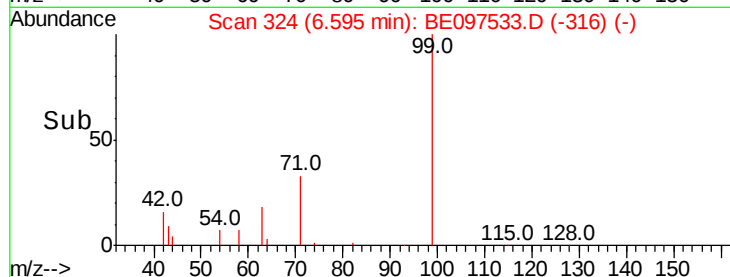
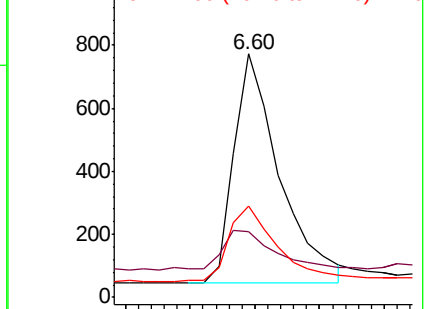
99 100

42 21.0 20.2 30.2

71 35.1 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: 0.404 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

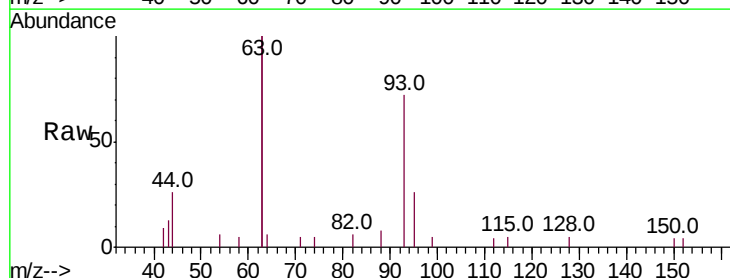
Tgt Ion: 93 Resp: 1468

Ion Ratio Lower Upper

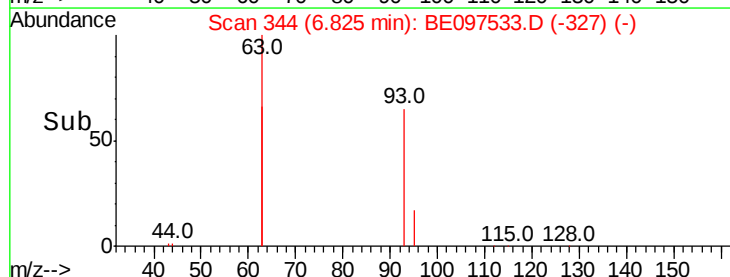
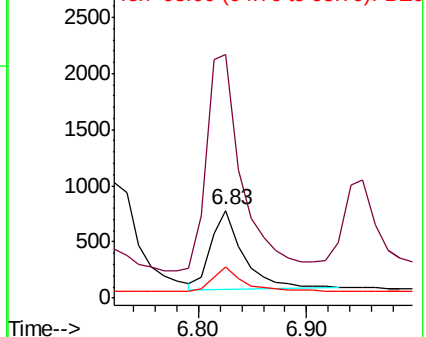
93 100

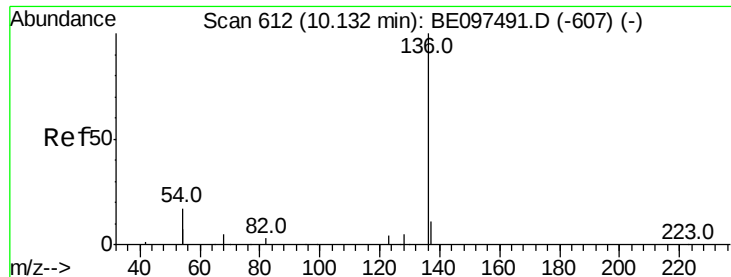
63 303.5 275.3 412.9

95 31.2 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: 10.12 min Scan# 611

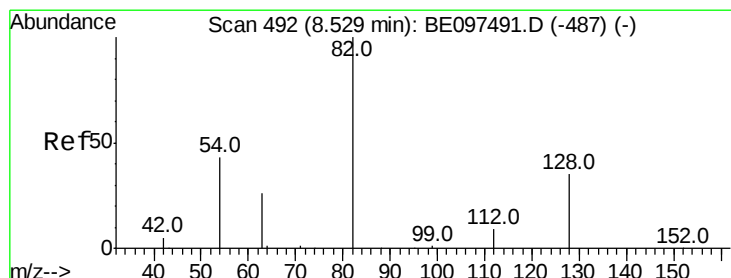
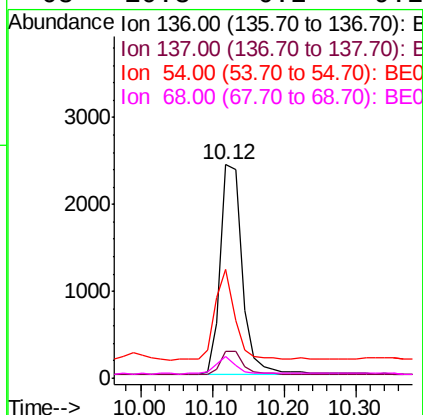
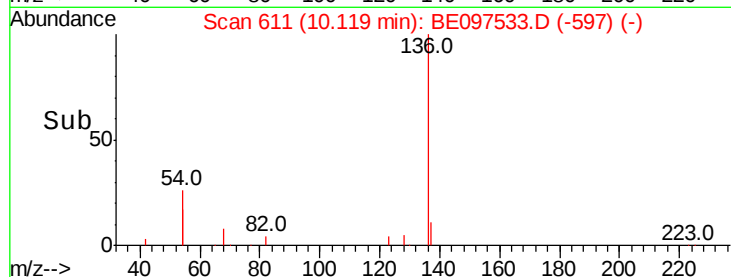
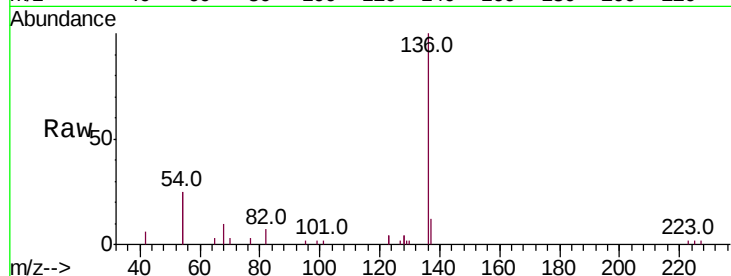
Delta R.T. -0.01 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:136	Resp:	5139
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.5 14.3
54	50.7	29.1 43.7#
68	10.3	6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.382 ng

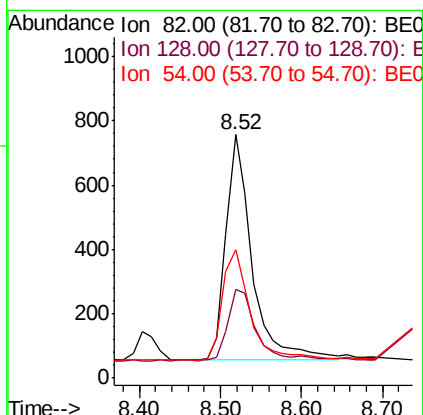
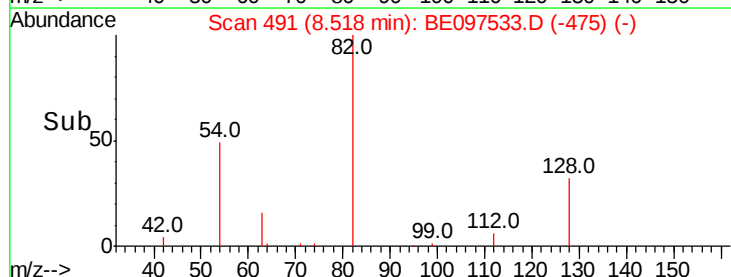
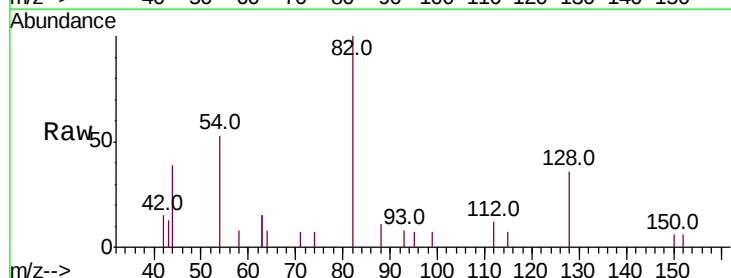
RT: 8.52 min Scan# 491

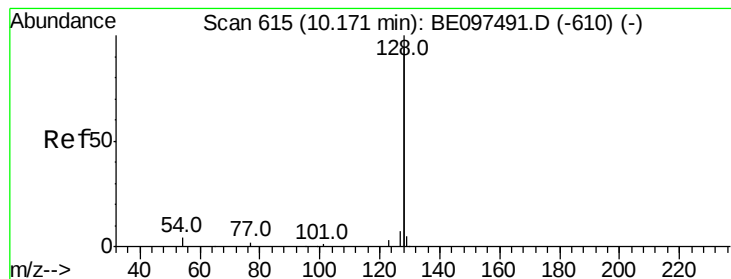
Delta R.T. -0.01 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Tgt Ion: 82	Resp:	1580
Ion Ratio	Lower	Upper
82	100	
128	36.5	24.0 36.0#
54	53.0	40.0 60.0





#9

Naphthalene

Concen: 0.416 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :

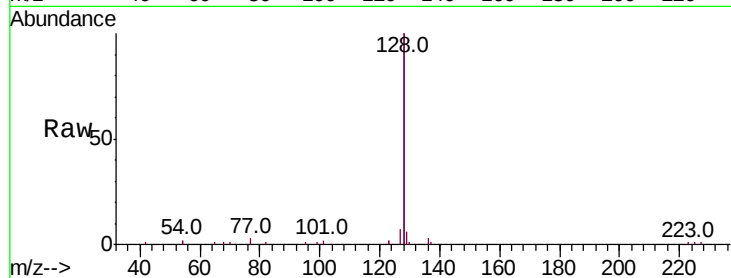
Tot Ion:128 Resp: 19405

Ion Ratio Lower Upper

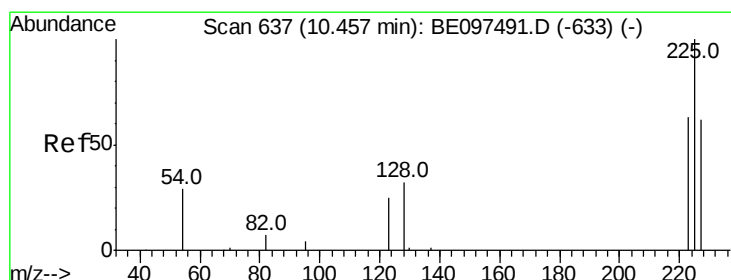
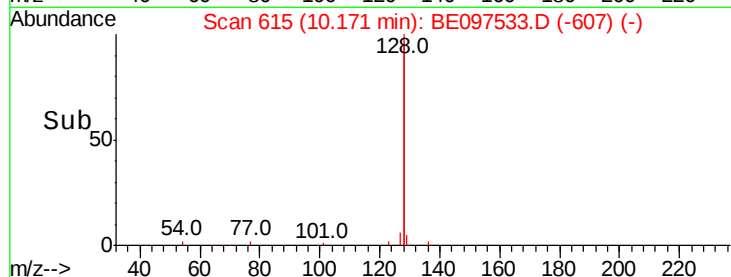
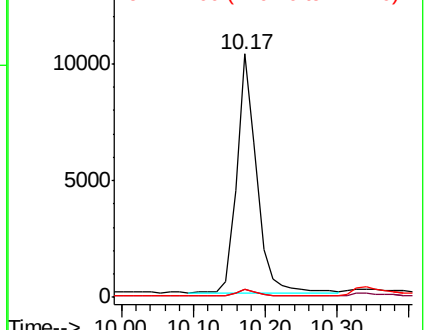
128 100

129 3.2 2.6 3.8

127 3.5 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: 0.395 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

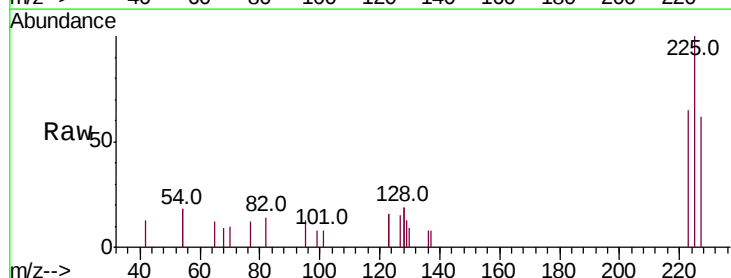
Tgt Ion:225 Resp: 875

Ion Ratio Lower Upper

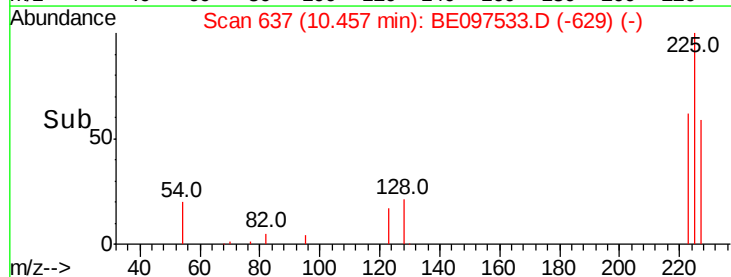
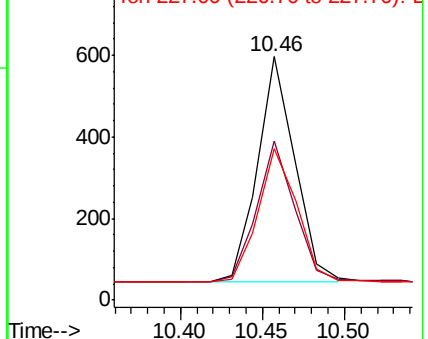
225 100

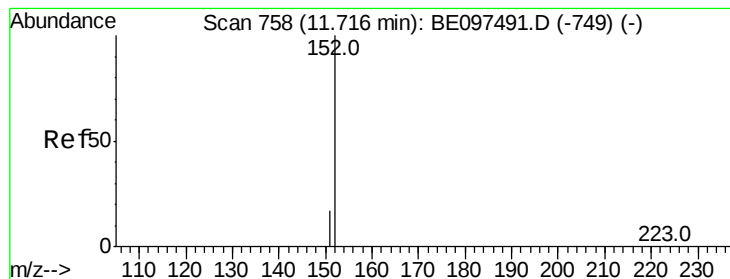
223 63.1 53.0 79.6

227 61.8 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: 0.411 ng

RT: 11.71 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

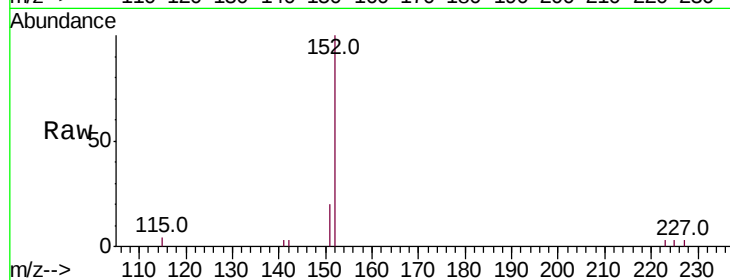
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 3015

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1500

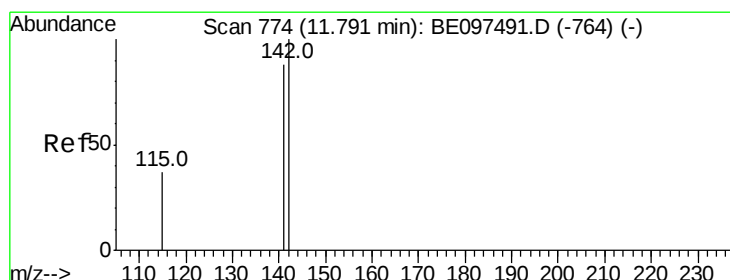
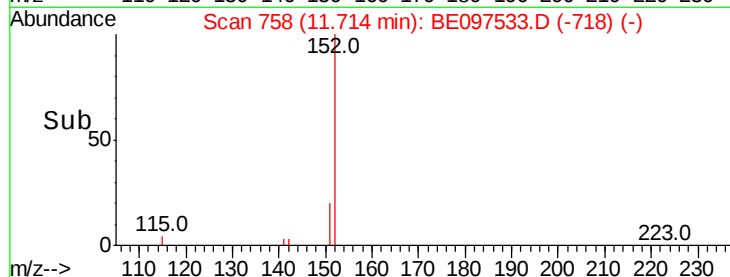
11.71

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.419 ng

RT: 11.79 min Scan# 773

Delta R.T. -0.01 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

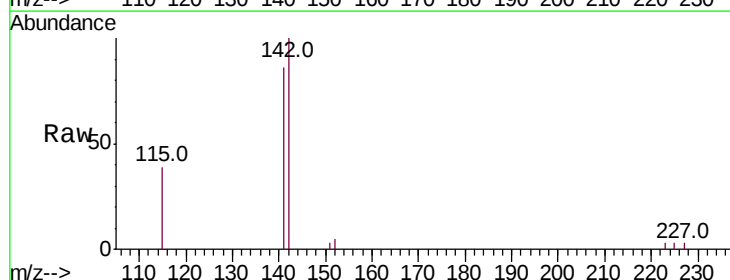
Tgt Ion:142 Resp: 3124

Ion Ratio Lower Upper

142 100

141 86.5 70.4 105.6

115 39.2 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

2000

1500

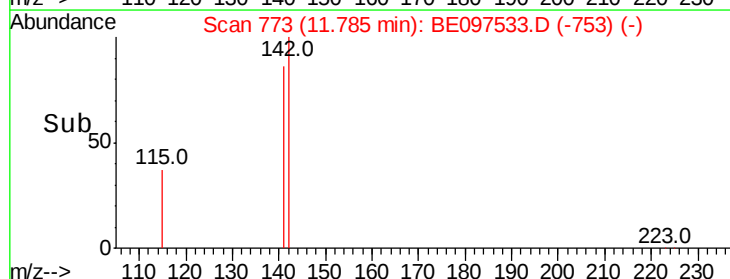
11.79

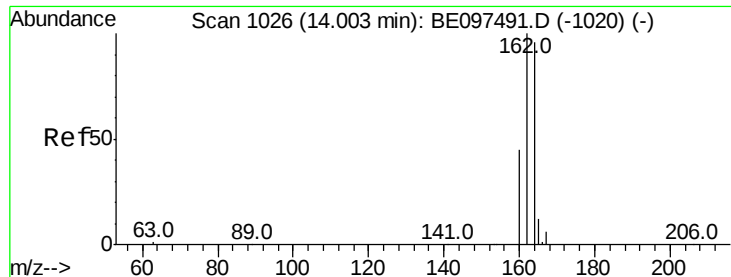
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_X

ClientSampled :

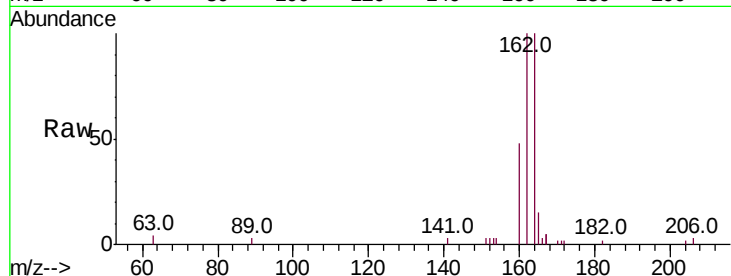
Tot Ion:164 Resp: 3103

Ion Ratio Lower Upper

164 100

162 100.1 83.1 124.7

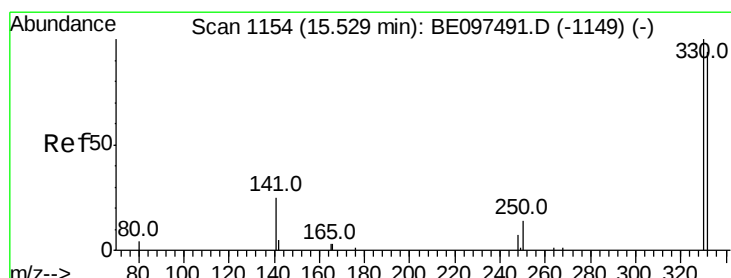
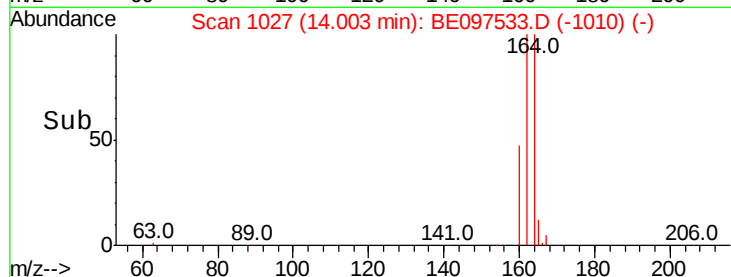
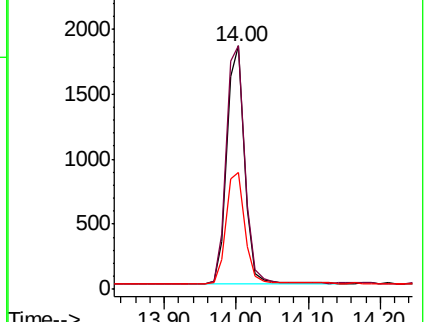
160 47.8 37.1 55.7



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: 0.336 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

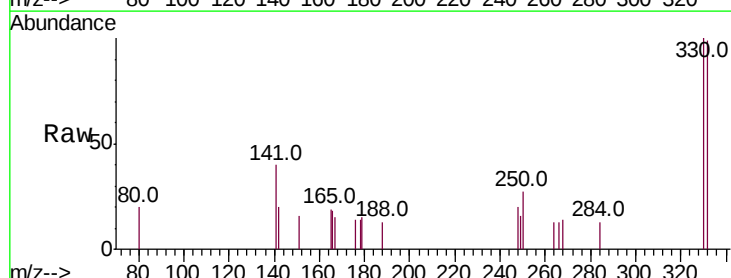
Tgt Ion:330 Resp: 550

Ion Ratio Lower Upper

330 100

332 101.3 152.7 229.1#

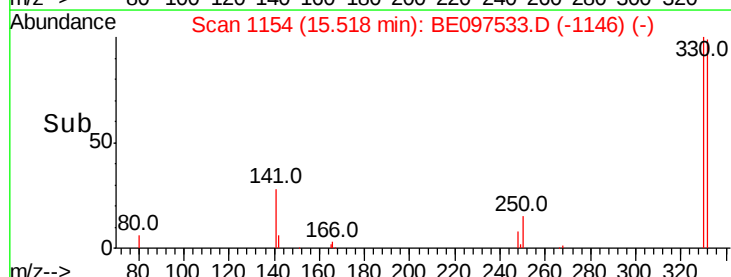
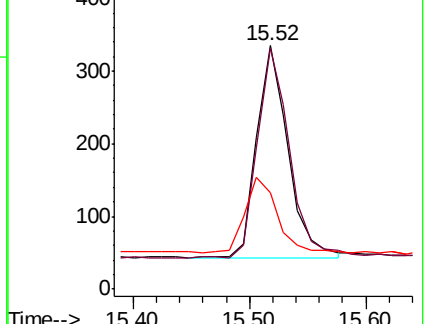
141 36.9 33.7 50.5

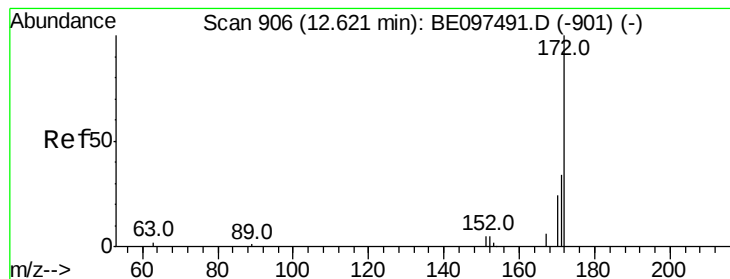


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

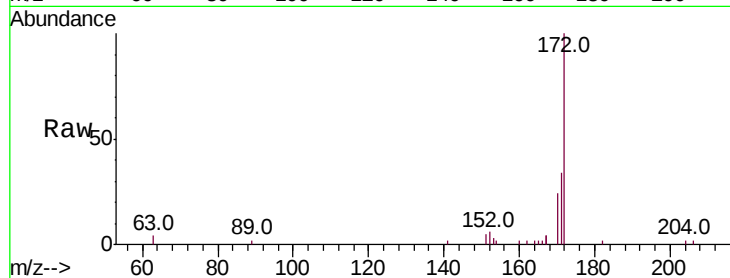




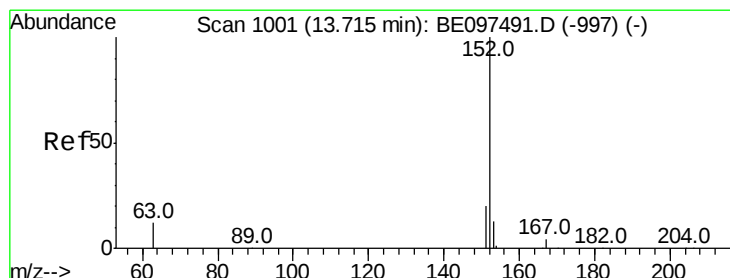
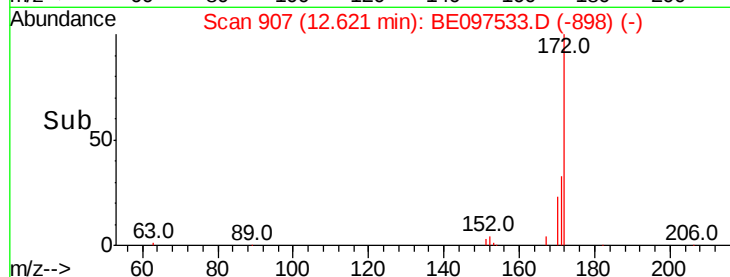
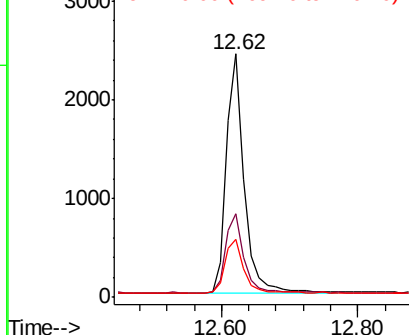
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097533.D
Acq: 18 Sep 2018 14:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:172 Resp: 4496
Ion Ratio Lower Upper
172 100
171 34.5 29.9 44.9
170 23.9 21.8 32.8

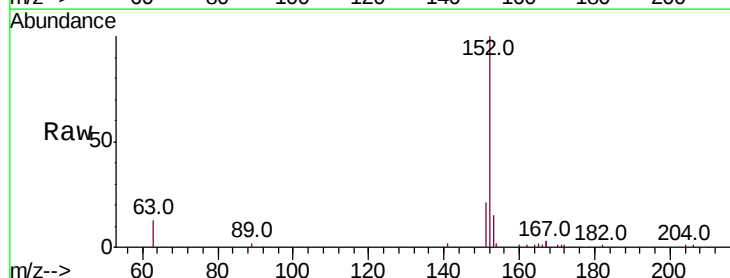


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

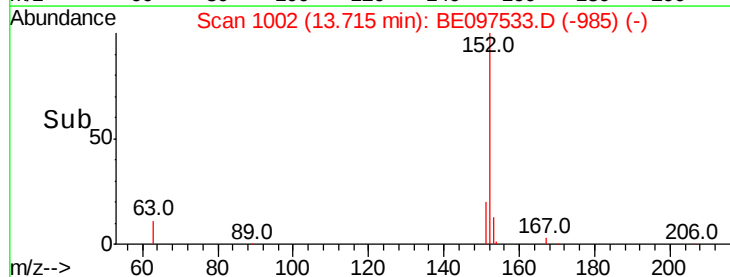
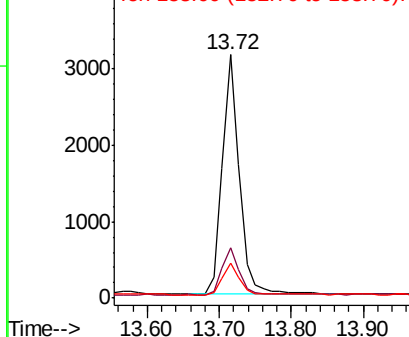


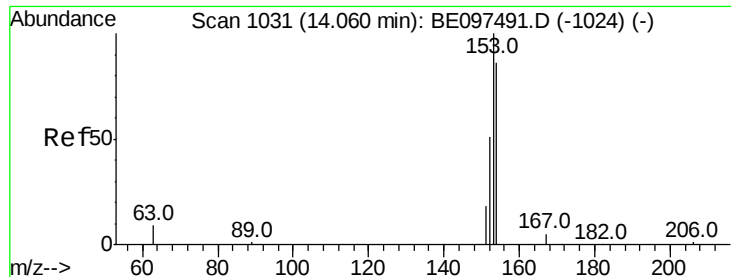
#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097533.D
Acq: 18 Sep 2018 14:58

Tgt Ion:152 Resp: 5201
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.415 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

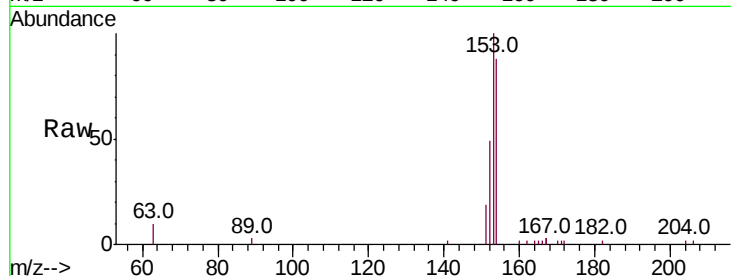
Tot Ion:154 Resp: 3457

Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

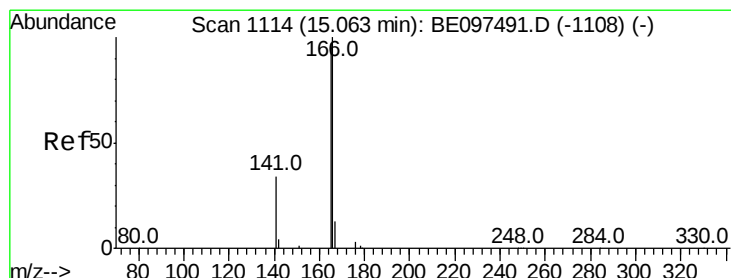
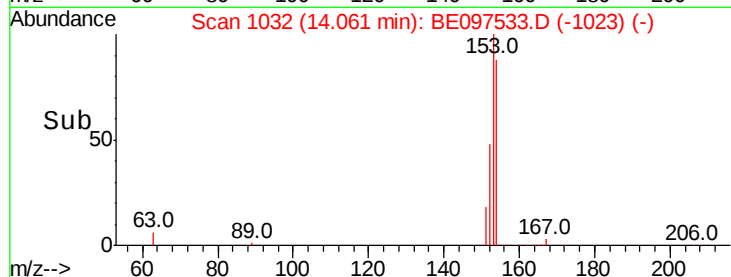
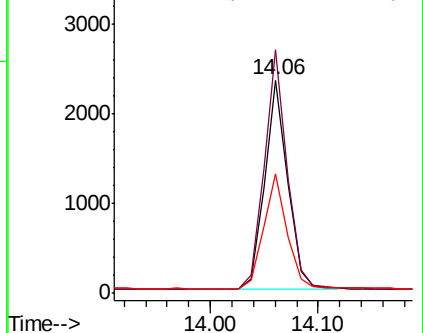
152 55.2 42.0 63.0



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: 0.416 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

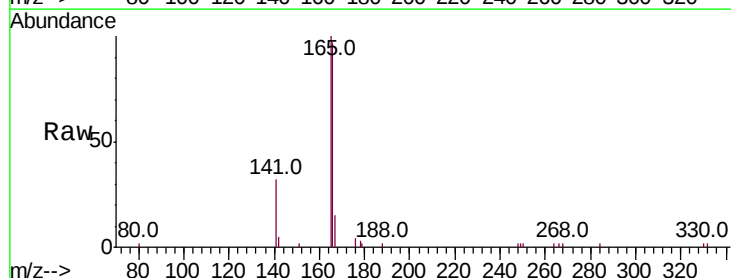
Tgt Ion:166 Resp: 4418

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.6

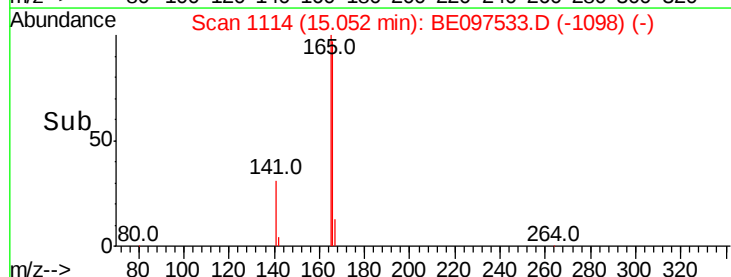
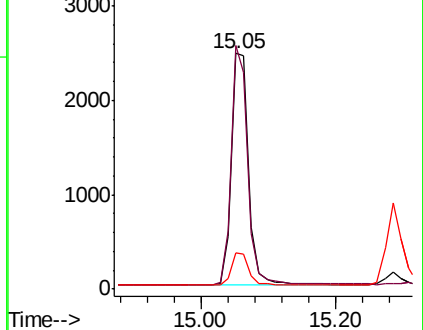
167 13.7 42.4 63.6#

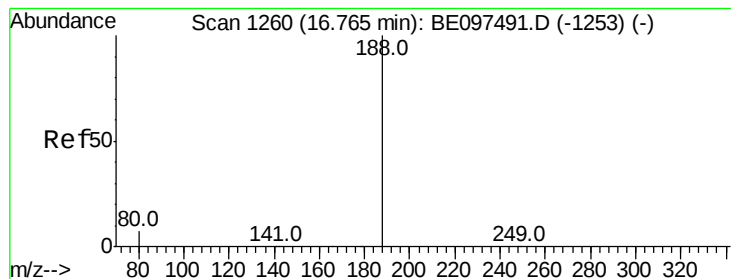


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

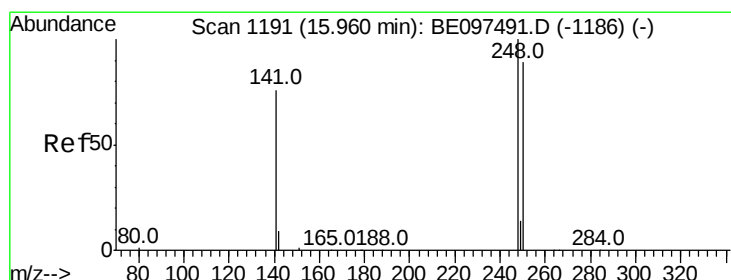
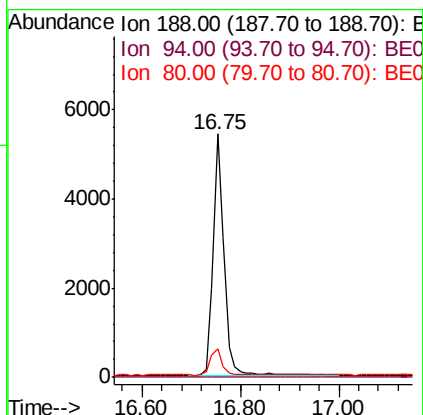
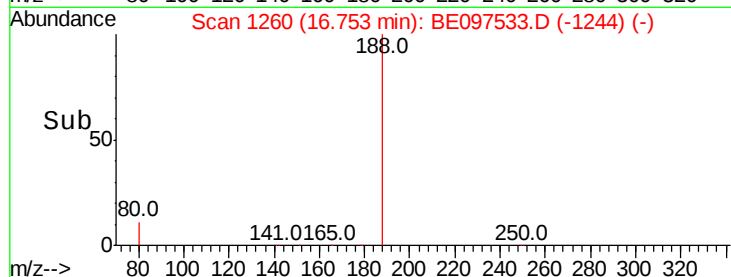
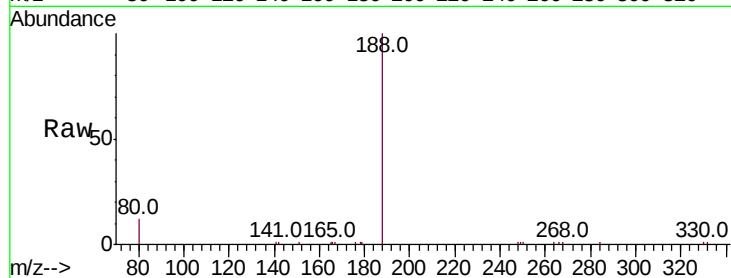
Tot Ion:188 Resp: 8293

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 11.7 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.398 ng

RT: 15.96 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

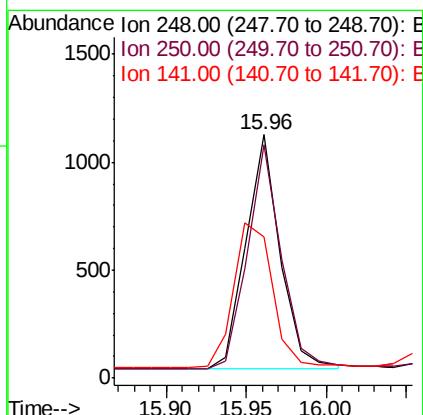
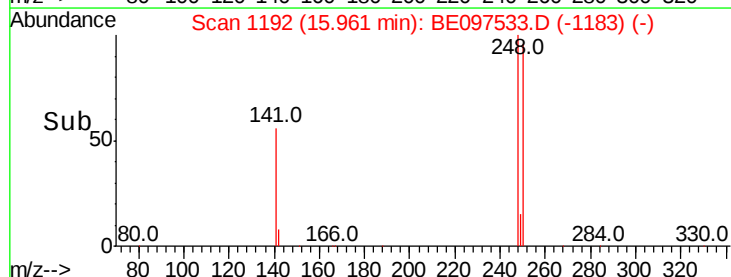
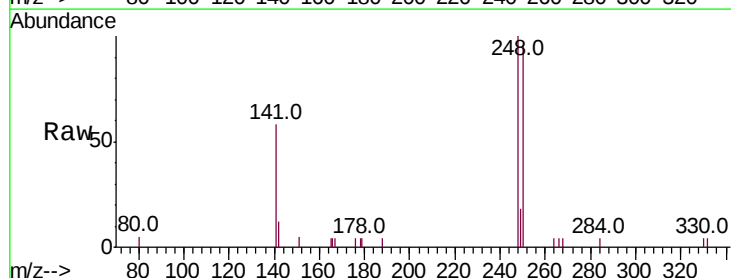
Tgt Ion:248 Resp: 1592

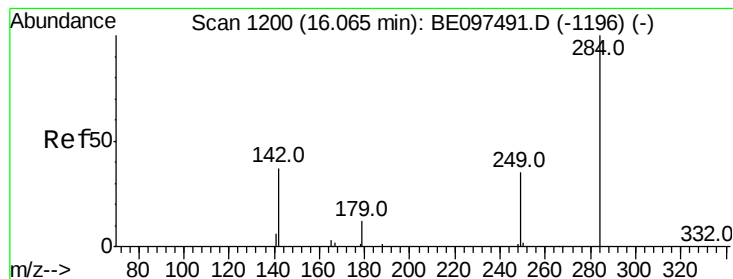
Ion Ratio Lower Upper

248 100

250 96.0 62.7 94.1#

141 58.1 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.418 ng

RT: 16.07 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

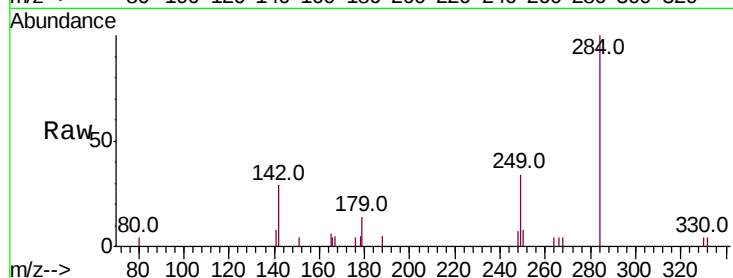
Tot Ion:284 Resp: 1772

Ion Ratio Lower Upper

284 100

142 31.4 22.1 33.1

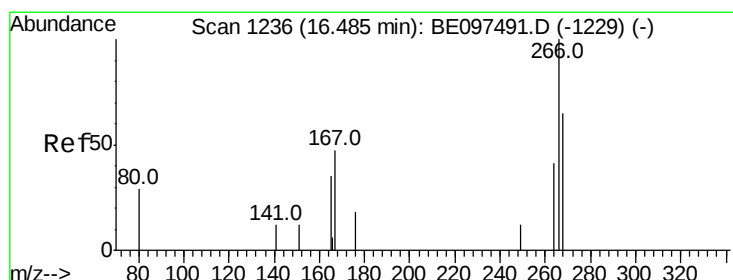
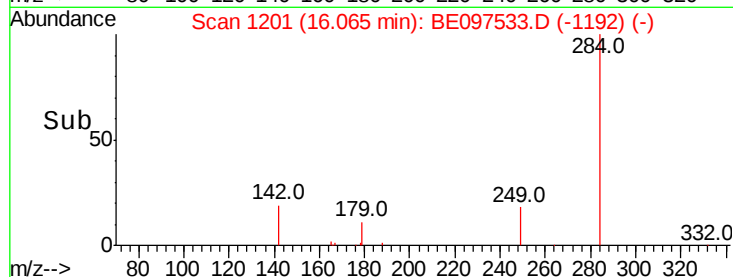
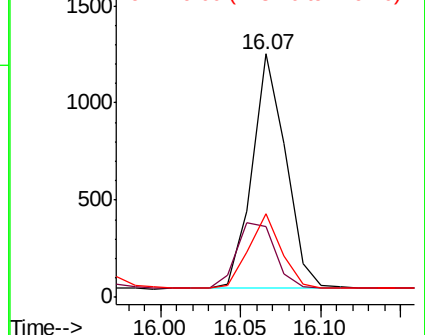
249 30.0 34.8 52.2#



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: 0.858 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.05 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

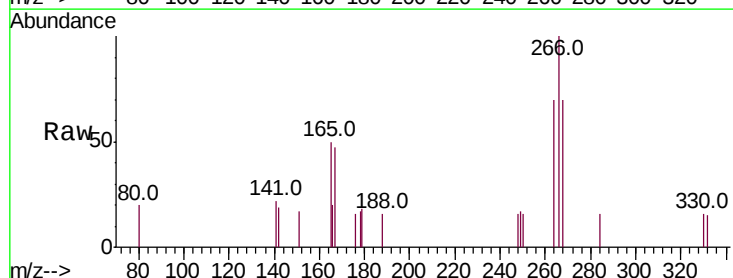
Tgt Ion:266 Resp: 575

Ion Ratio Lower Upper

266 100

264 69.7 72.5 108.7#

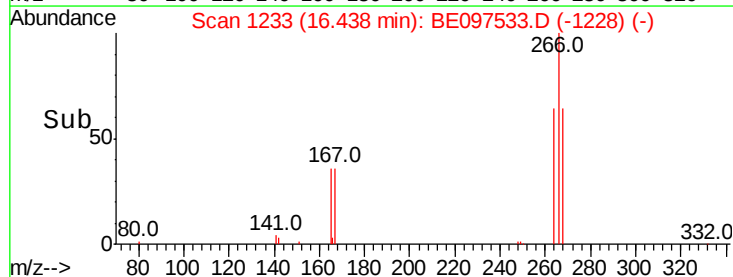
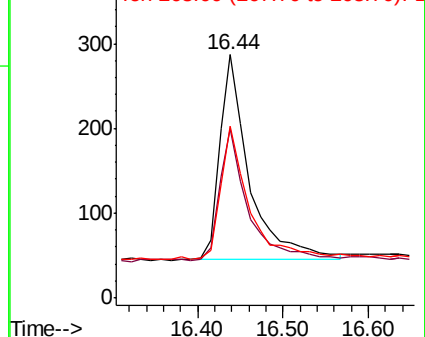
268 70.4 73.8 110.6#

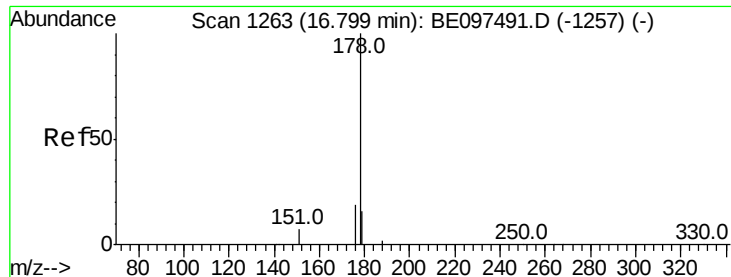


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.422 ng

RT: 16.80 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

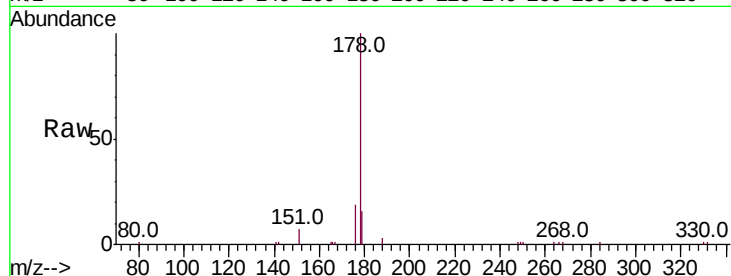
Tot Ion:178 Resp: 8229

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

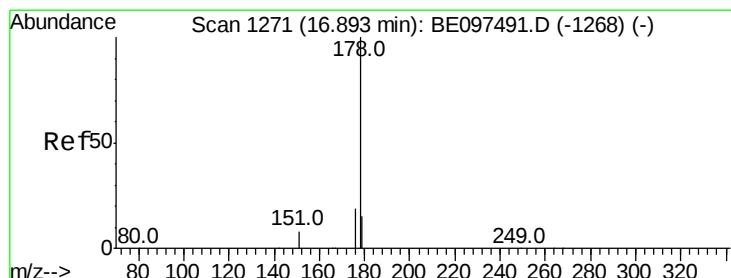
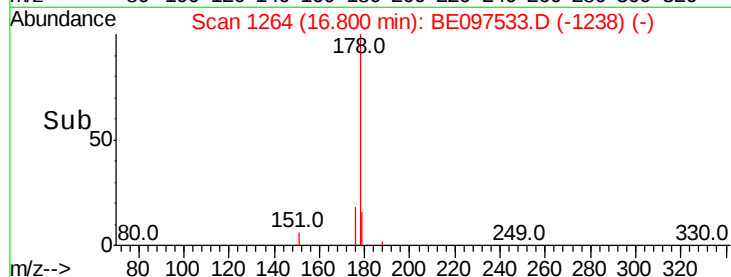
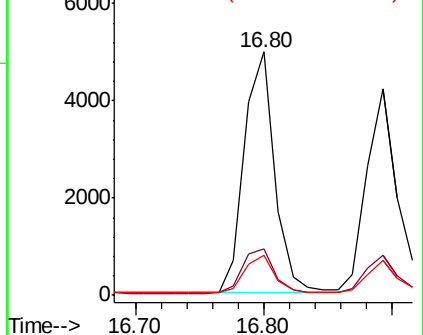
179 15.4 11.8 17.6



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: 0.387 ng

RT: 16.89 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

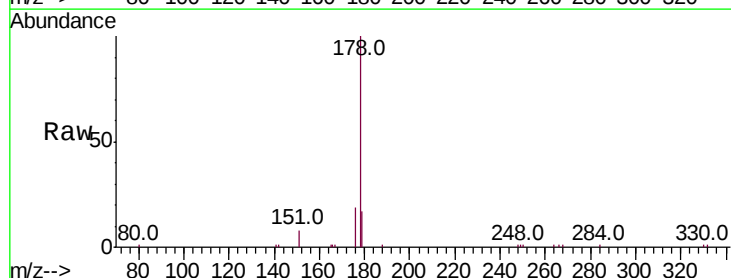
Tgt Ion:178 Resp: 6966

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

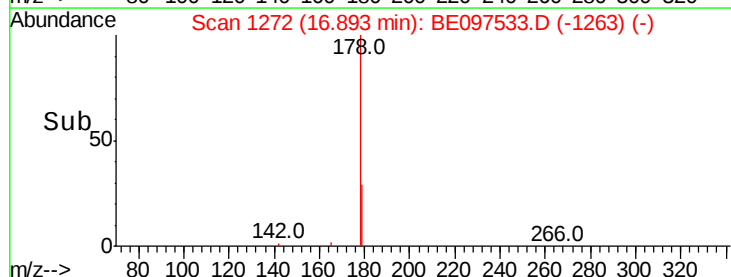
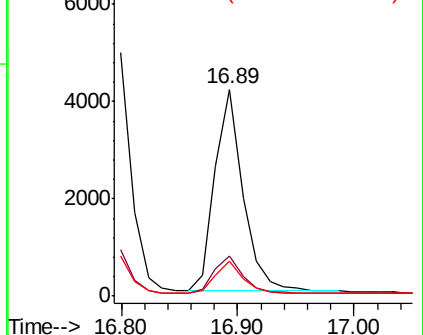
179 15.4 13.0 19.6

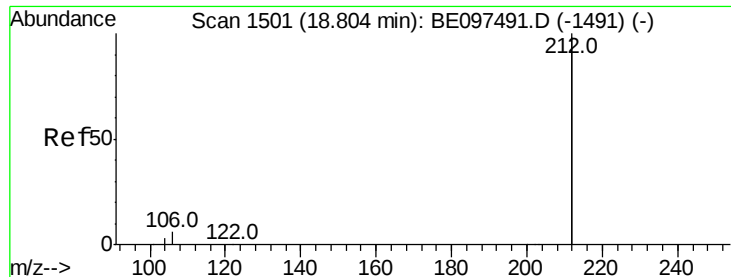


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

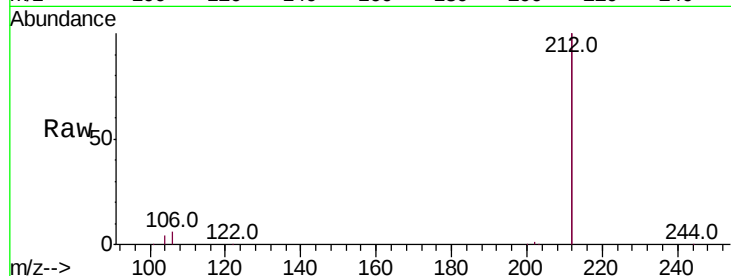
Tot Ion:212 Resp: 38672

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

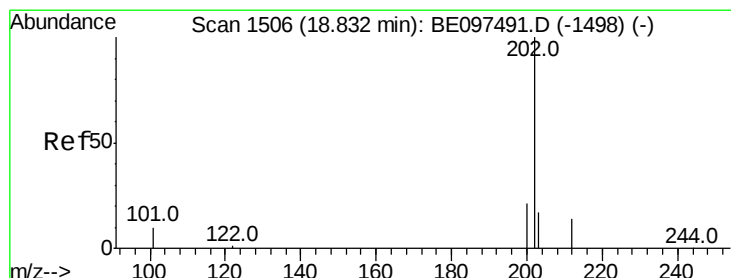
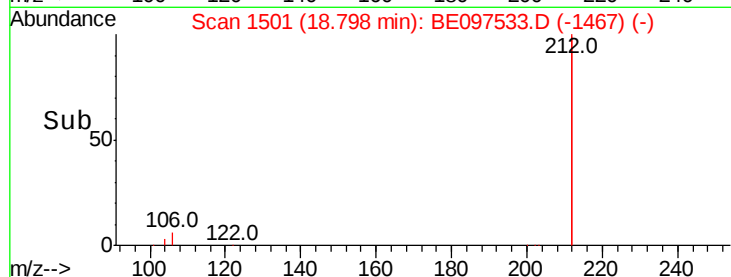
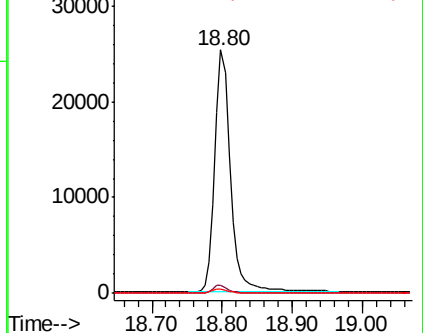
104 1.8 1.6 2.4



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: 0.393 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

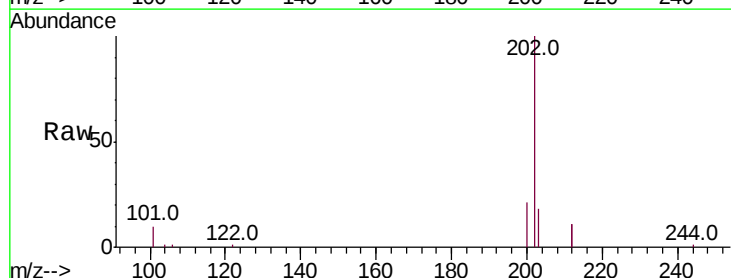
Tgt Ion:202 Resp: 9991

Ion Ratio Lower Upper

202 100

101 10.5 9.8 14.8

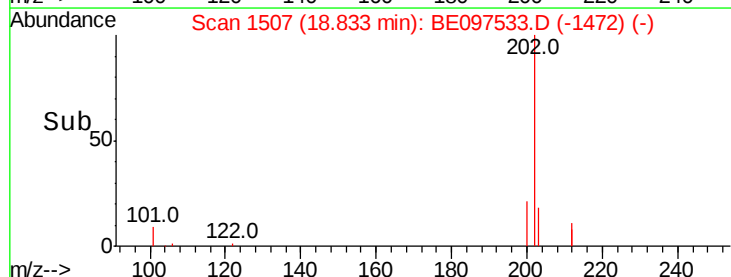
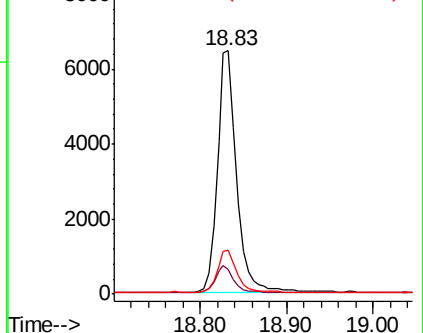
203 17.3 13.7 20.5

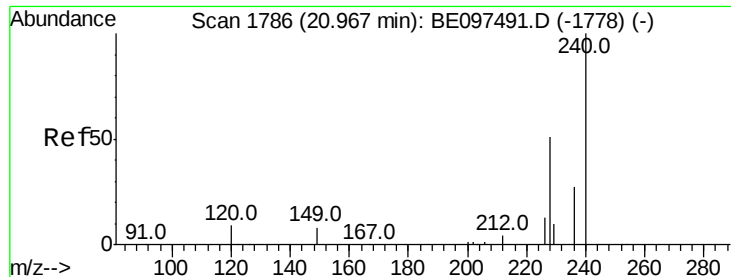


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

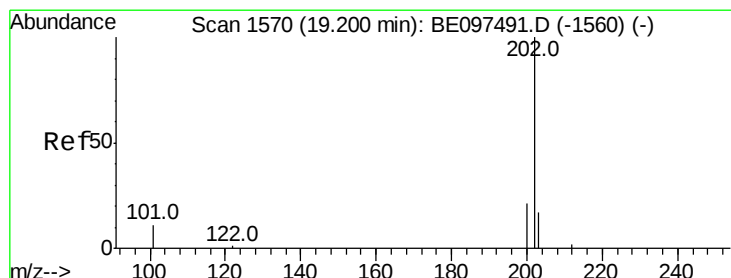
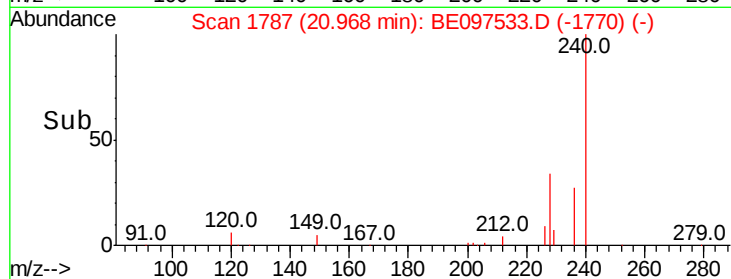
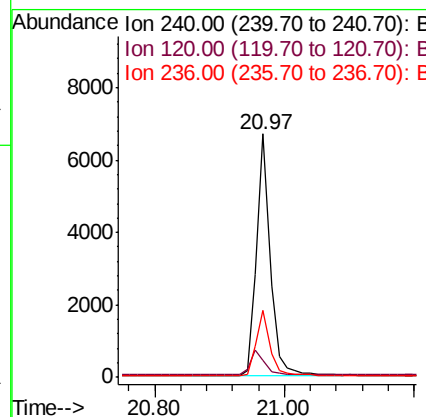
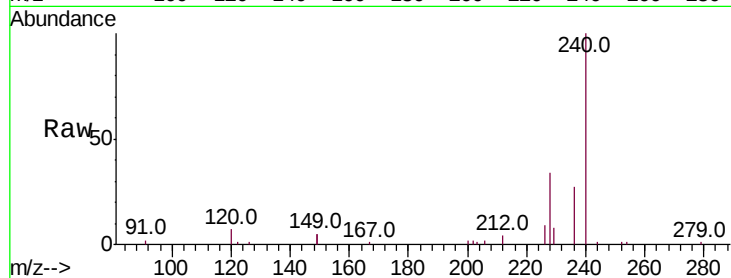




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BE097533.D
 Acq: 18 Sep 2018 14:58

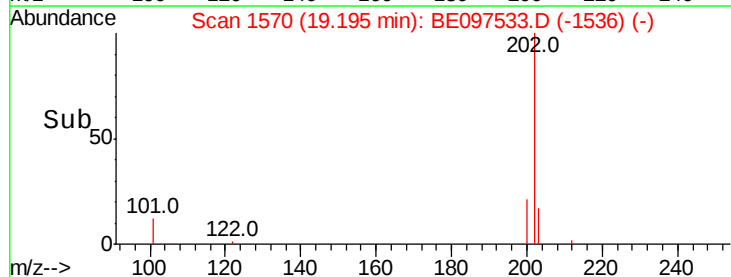
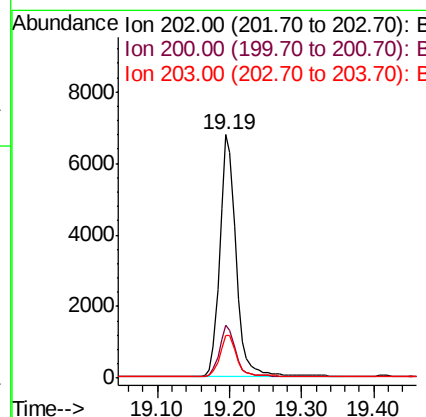
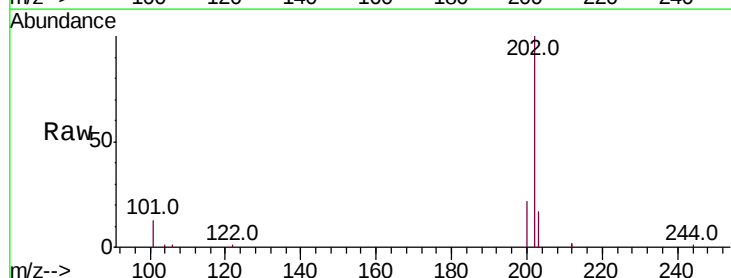
Instrument :
 MSVOA_X
 ClientSampleId :

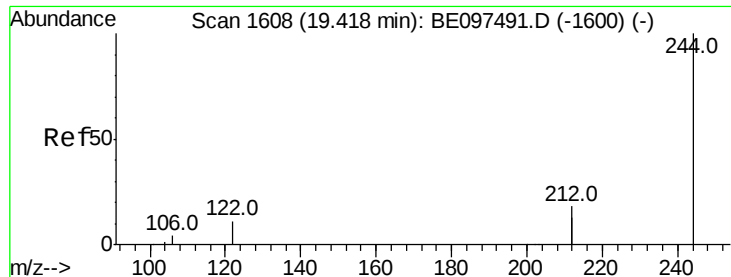
Tot Ion:240 Resp: 9562
 Ion Ratio Lower Upper
 240 100
 120 7.2 5.5 8.3
 236 27.3 20.7 31.1



#28
 Pyrene
 Concen: 0.425 ng
 RT: 19.19 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BE097533.D
 Acq: 18 Sep 2018 14:58

Tgt Ion:202 Resp: 10459
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 25.0
 203 17.3 13.8 20.8





#29

Terphenyl-d14

Concen: 0.428 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

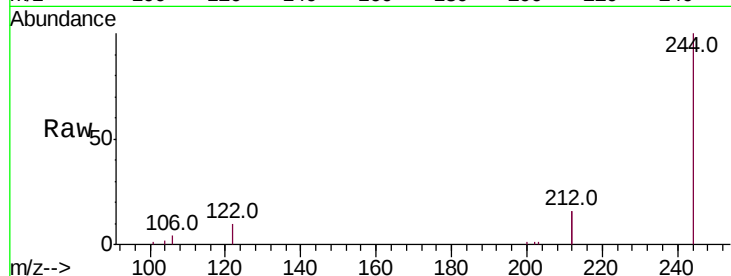
Tot Ion:244 Resp: 7836

Ion Ratio Lower Upper

244 100

212 31.3 25.4 38.0

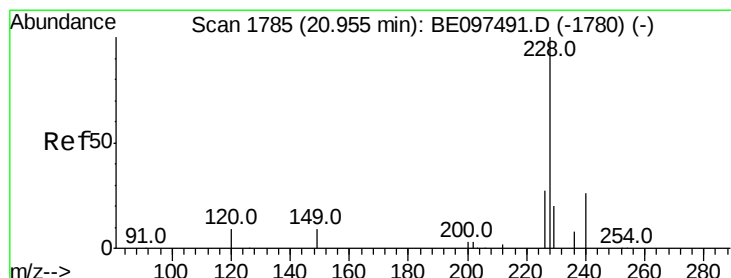
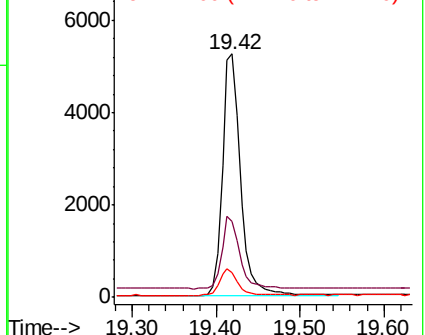
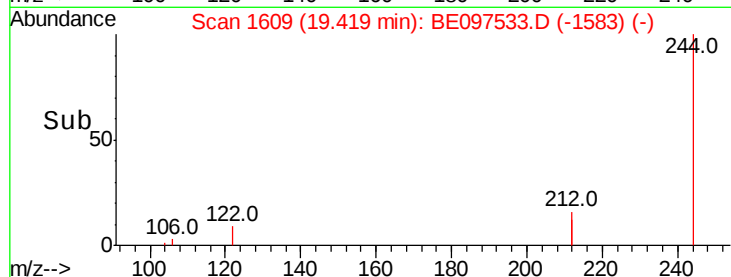
122 9.9 8.1 12.1



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: 0.399 ng

RT: 20.96 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

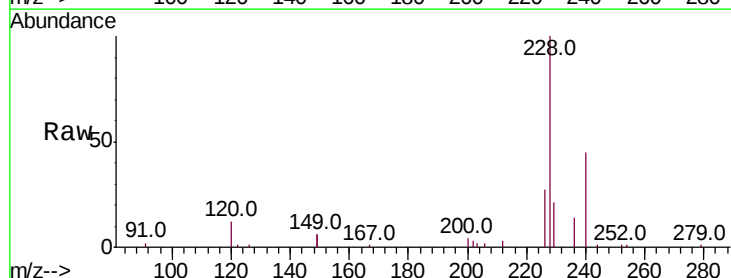
Tgt Ion:228 Resp: 10031

Ion Ratio Lower Upper

228 100

226 27.1 24.0 36.0

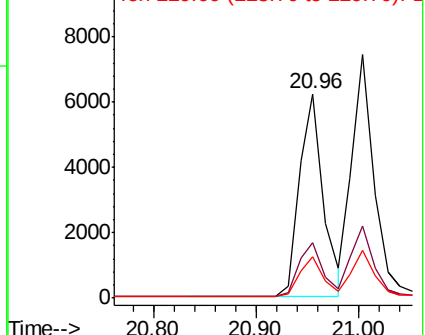
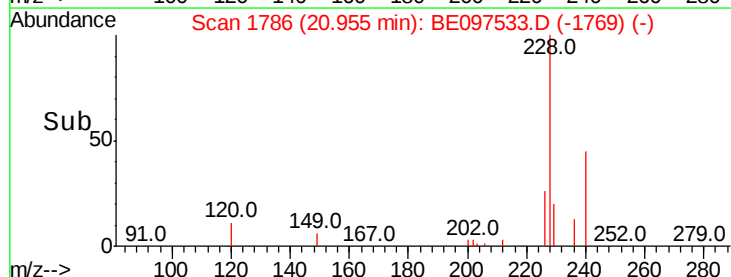
229 20.5 16.0 24.0

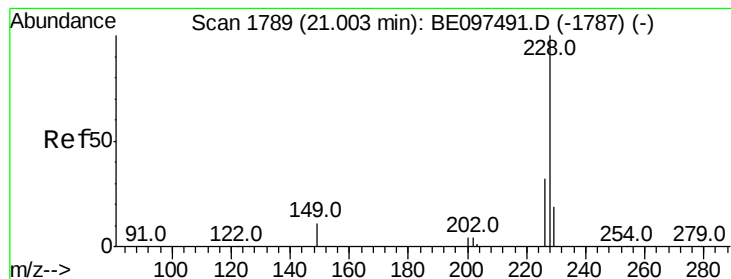


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.426 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

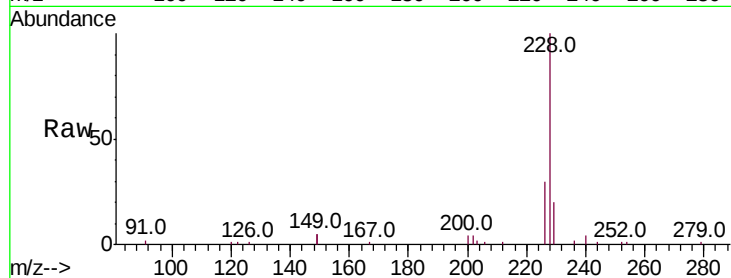
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:228 Resp: 10986

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	19.9	16.0	24.0

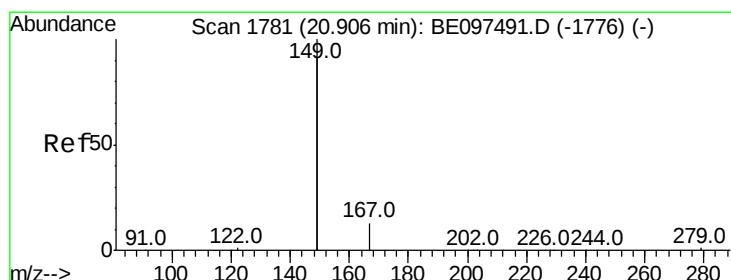
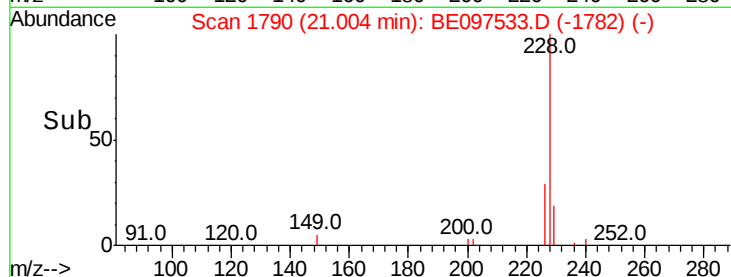
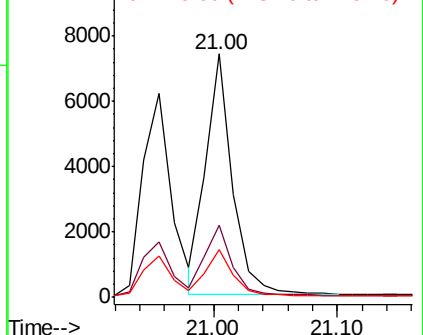


Abundance

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: 0.329 ng

RT: 20.91 min Scan# 1782

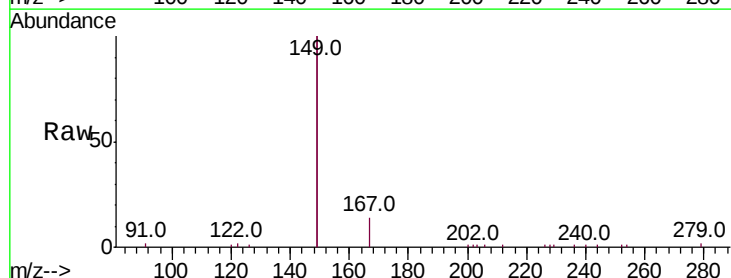
Delta R.T. 0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Tgt Ion:149 Resp: 17564

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.1	0.7	1.1#

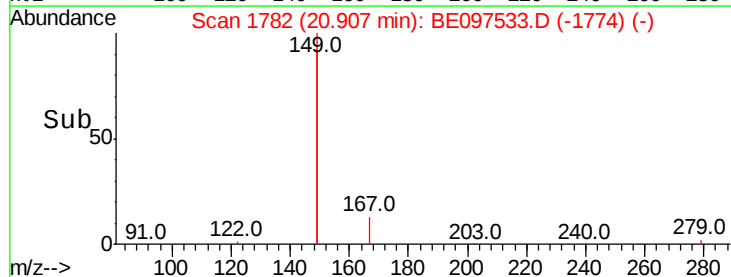
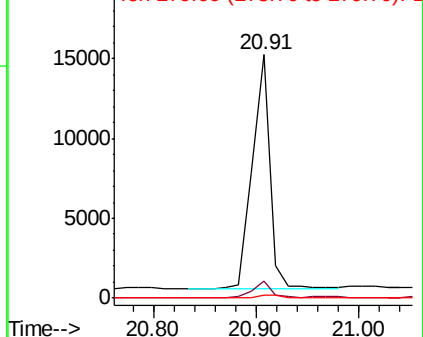


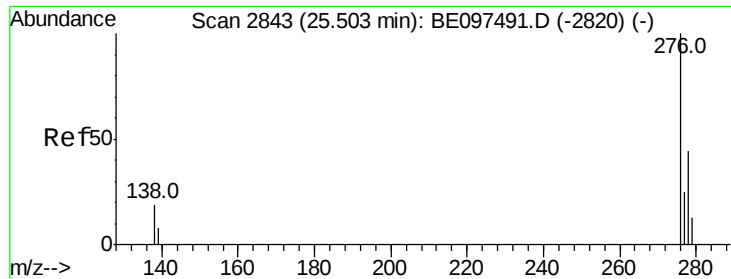
Abundance

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

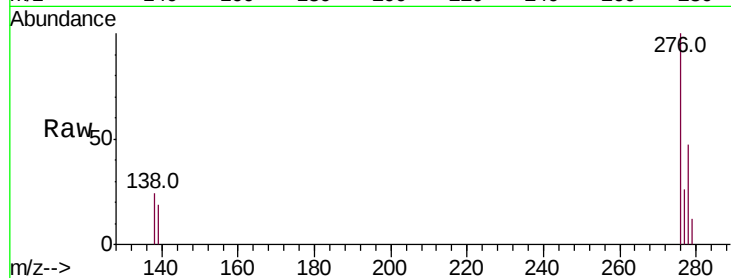




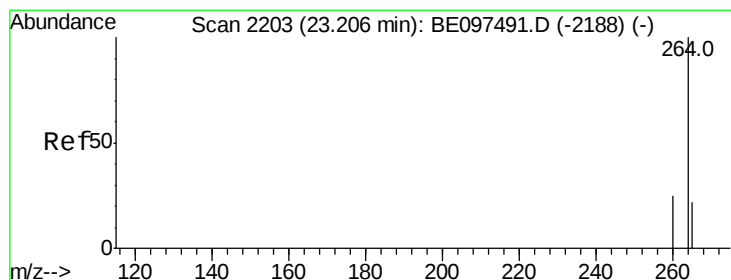
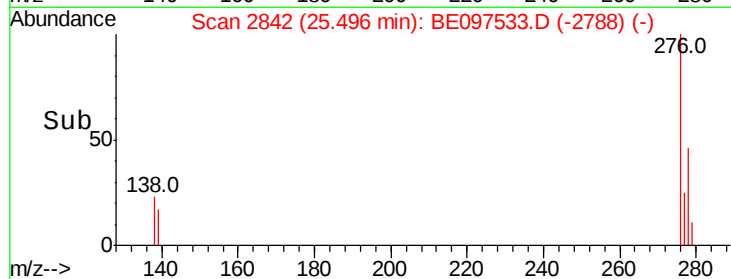
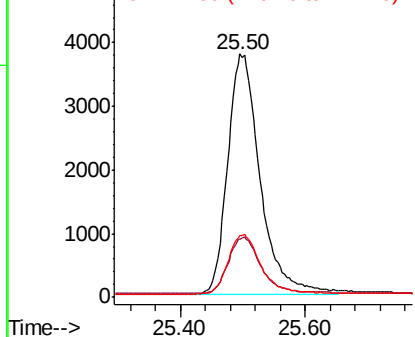
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.445 ng
 RT: 25.50 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BE097533.D
 Acq: 18 Sep 2018 14:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:276 Resp: 13674
 Ion Ratio Lower Upper
 276 100
 138 23.7 22.5 33.7
 277 25.0 19.9 29.9

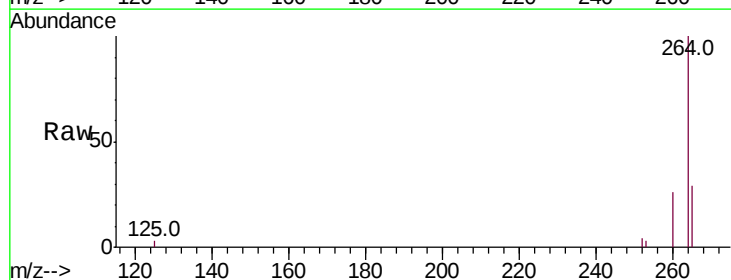


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

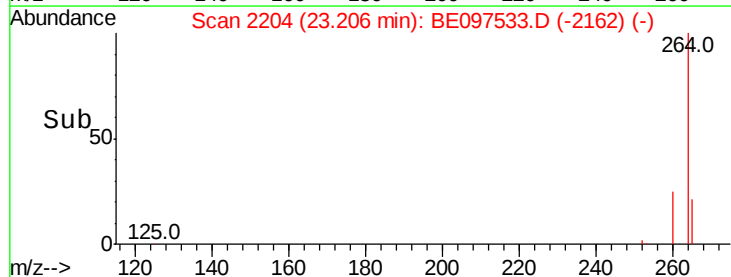
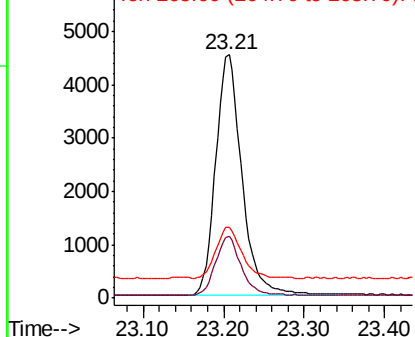


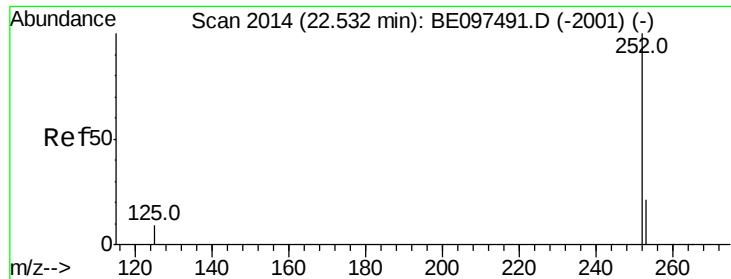
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097533.D
 Acq: 18 Sep 2018 14:58

Tgt Ion:264 Resp: 10085
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 29.0 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: 0.390 ng

RT: 22.53 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

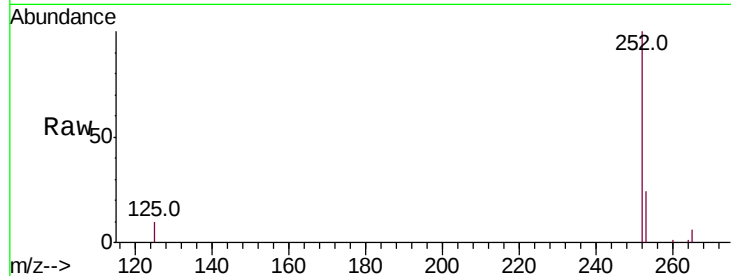
Tot Ion:252 Resp: 10055

Ion Ratio Lower Upper

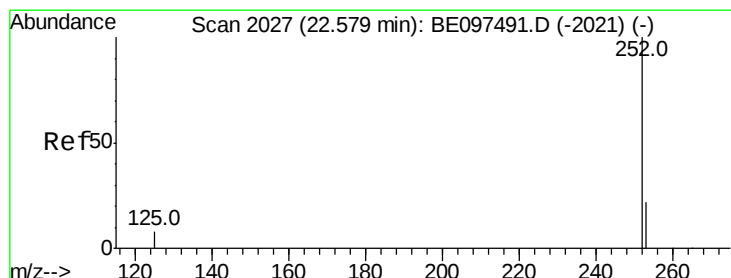
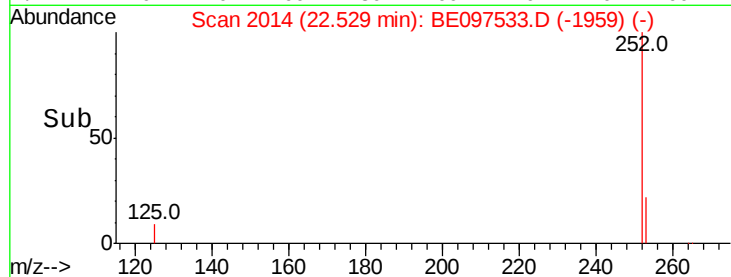
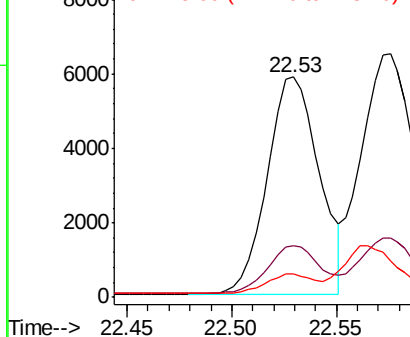
252 100

253 23.7 20.0 30.0

125 10.5 16.0 24.0#



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: 0.358 ng

RT: 22.53 min Scan# 2014

Delta R.T. -0.05 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

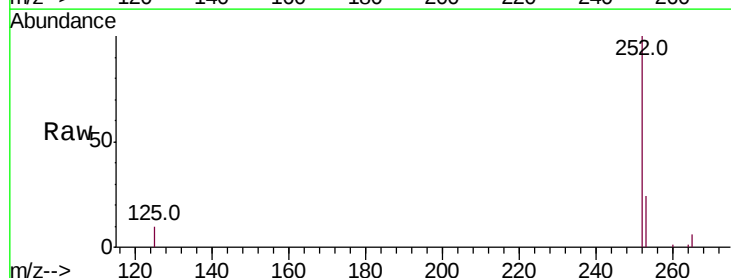
Tgt Ion:252 Resp: 10055

Ion Ratio Lower Upper

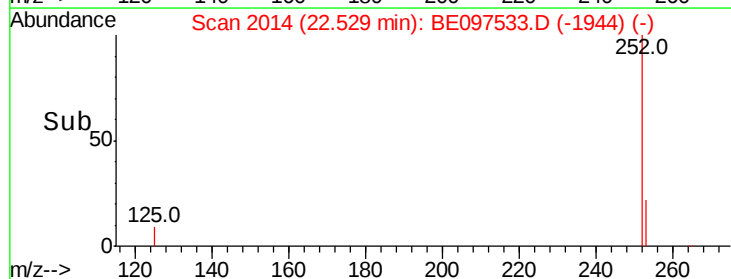
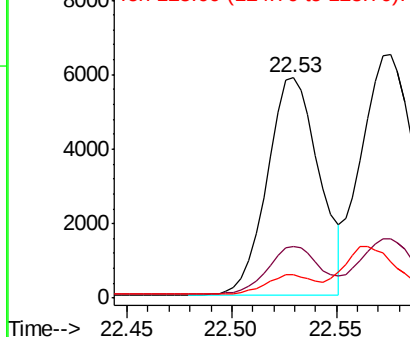
252 100

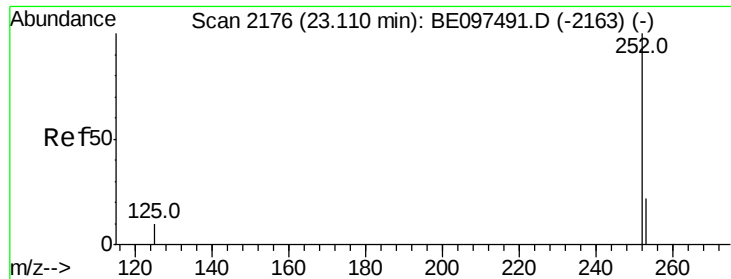
253 23.7 16.0 24.0

125 10.5 8.0 12.0



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

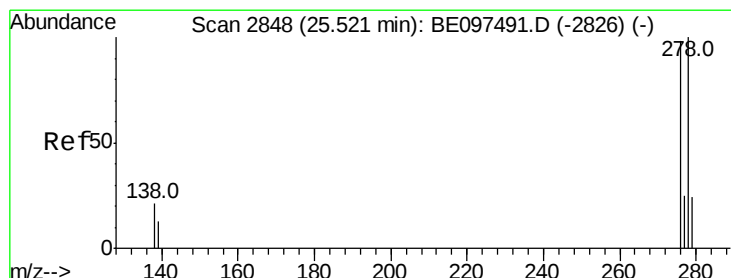
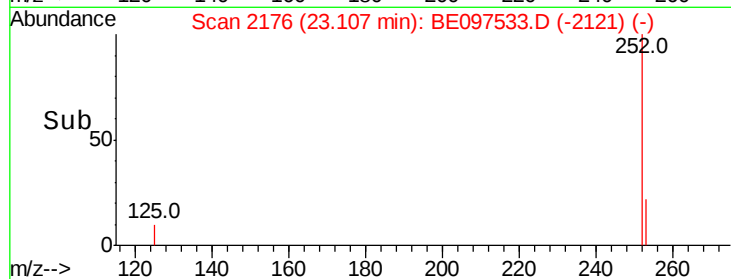
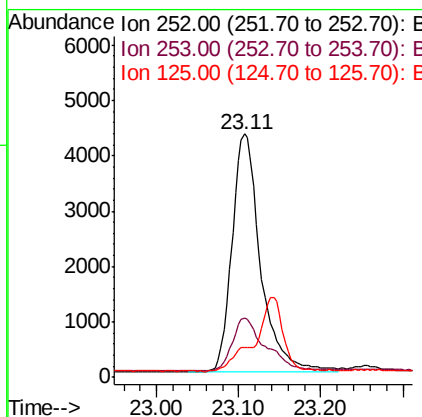
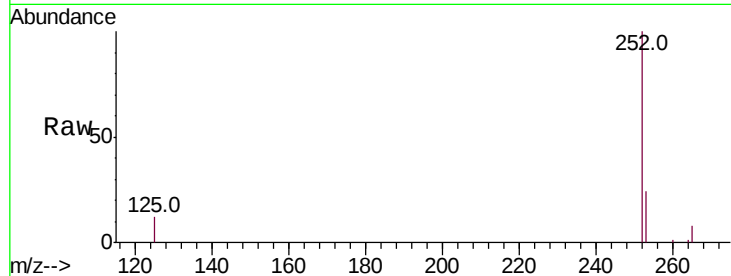




#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE097533.D
Acq: 18 Sep 2018 14:58

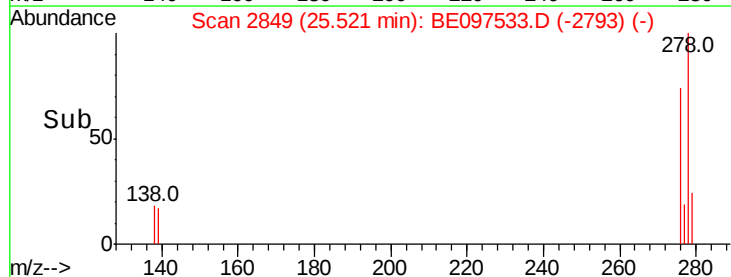
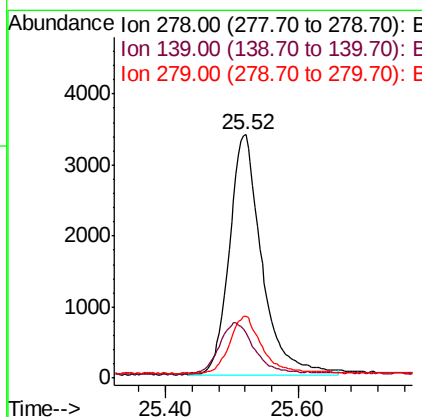
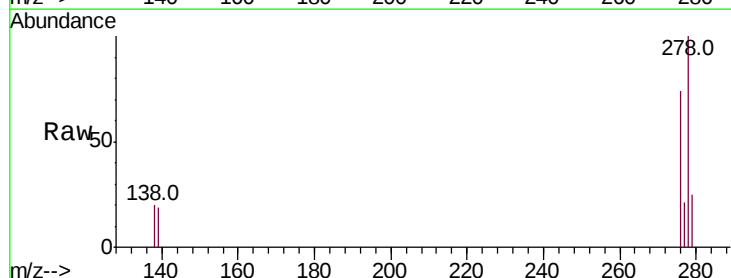
Instrument :
MSVOA_X
ClientSampleId :

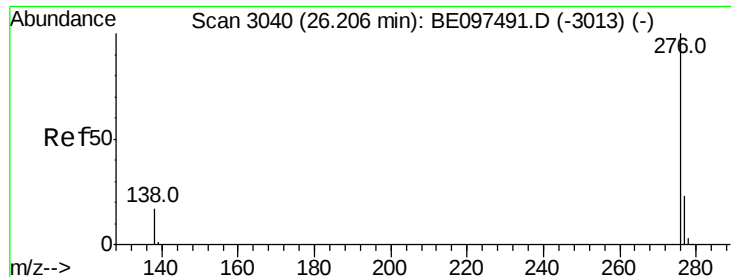
Tot Ion:252 Resp: 10398
Ion Ratio Lower Upper
252 100
253 24.3 16.0 24.0#
125 12.2 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.428 ng
RT: 25.52 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BE097533.D
Acq: 18 Sep 2018 14:58

Tgt Ion:278 Resp: 11439
Ion Ratio Lower Upper
278 100
139 18.6 16.0 24.0
279 25.3 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.403 ng

RT: 26.21 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BE097533.D

Acq: 18 Sep 2018 14:58

Instrument :

MSVOA_X

ClientSampleId :

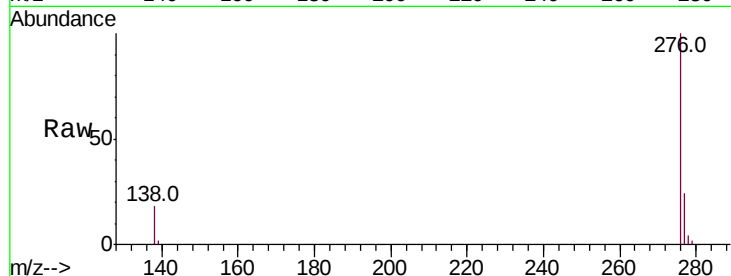
Tot Ion:276 Resp: 10988

Ion Ratio Lower Upper

276 100

277 23.8 16.0 24.0

138 18.1 20.0 30.0#



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

