

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
 Data File : BE097688.D
 Acq On : 26 Sep 2018 17:15
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 17:58:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 18:40:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	727	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	3914	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	2755	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7893	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8163	0.40	ng	0.00
34) Perylene-d12	23.21	264	7694	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	898	0.47	ng	-0.01
5) Phenol-d6	6.61	99	1182	0.44	ng	-0.01
8) Nitrobenzene-d5	8.53	82	1089	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	11.72	152	2441	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	467	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3715	0.41	ng	-0.01
25) Fluoranthene-d10	18.80	212	33610	0.39	ng	0.00
29) Terphenyl-d14	19.42	244	6592	0.41	ng	0.00

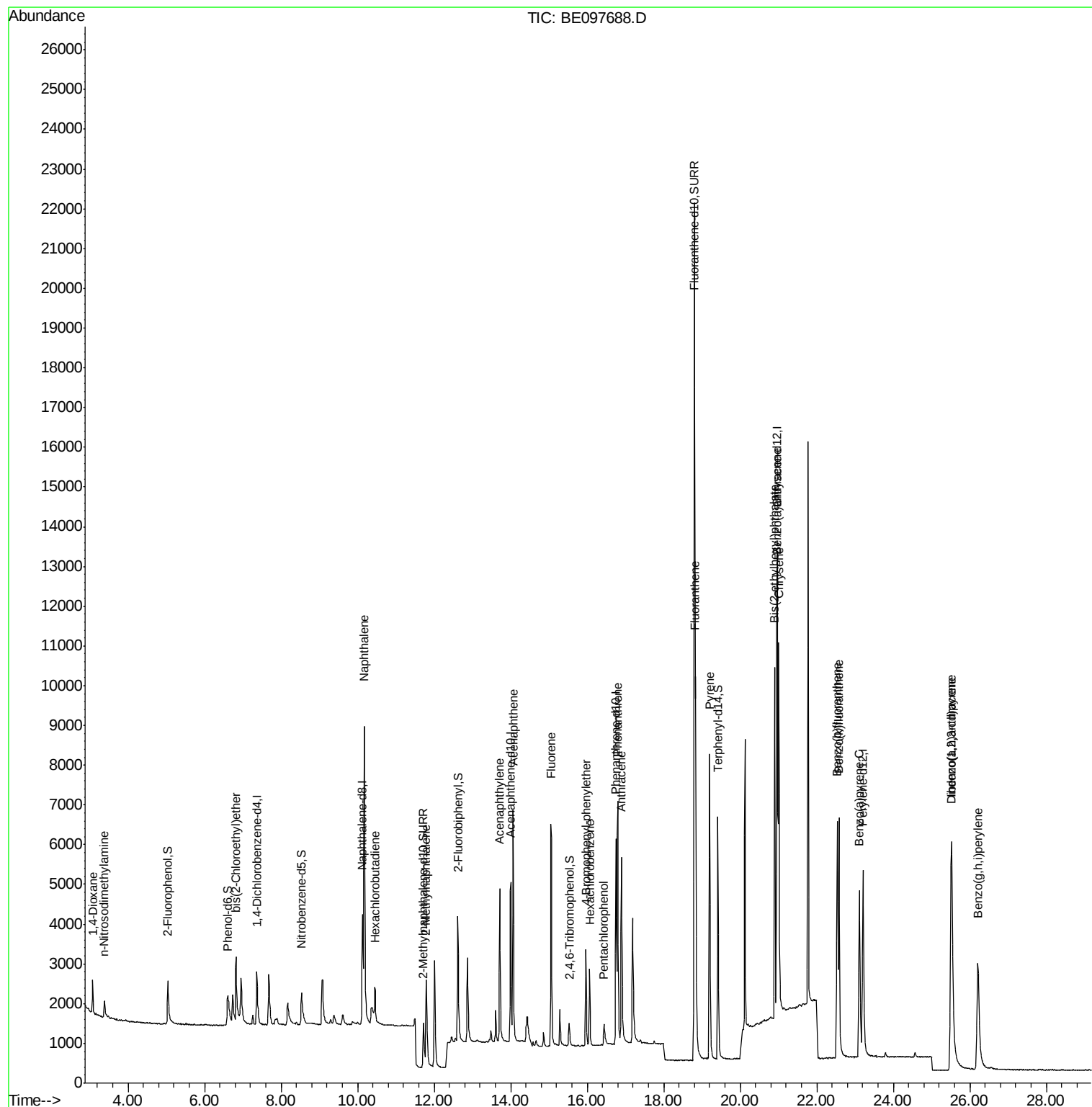
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	468	0.371	ng	# 84
3) n-Nitrosodimethylamine	3.37	42	415	0.490	ng	# 1
6) bis(2-Chloroethyl)ether	6.83	93	1025	0.450	ng	75
9) Naphthalene	10.17	128	14566	0.409	ng	99
10) Hexachlorobutadiene	10.44	225	631	0.390	ng	96
12) 2-Methylnaphthalene	11.79	142	2491	0.442	ng	99
16) Acenaphthylene	13.71	152	4514	0.408	ng	100
17) Acenaphthene	14.06	154	3037	0.420	ng	97
18) Fluorene	15.05	166	4113	0.404	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1476	0.422	ng	# 85
21) Hexachlorobenzene	16.07	284	1660	0.411	ng	# 84
22) Pentachlorophenol	16.44	266	463	0.568	ng	# 80
23) Phenanthrene	16.80	178	7637	0.409	ng	98
24) Anthracene	16.89	178	6509	0.420	ng	96
26) Fluoranthene	18.83	202	8706	0.389	ng	98
28) Pyrene	19.20	202	8973	0.421	ng	100
30) Benzo(a)anthracene	20.95	228	7952	0.412	ng	97
31) Chrysene	21.00	228	9284	0.411	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	11928	0.541	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	10007	0.421	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	8061	0.410	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	9351	0.402	ng	94
37) Benzo(a)pyrene	23.11	252	7948	0.409	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	8286	0.406	ng	95
39) Benzo(g,h,i)perylene	26.21	276	8231	0.405	ng	# 90

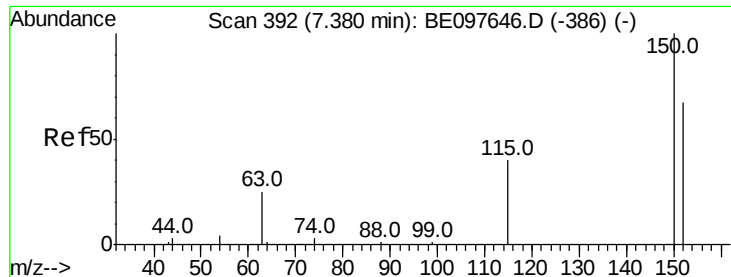
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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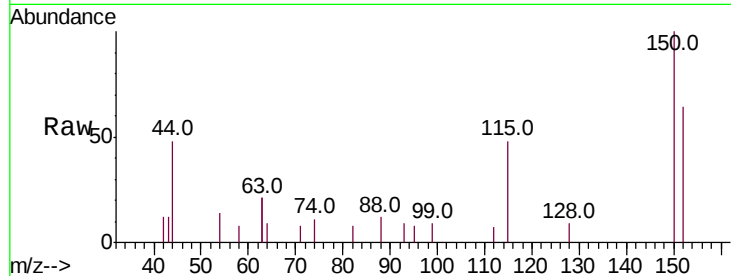


#1

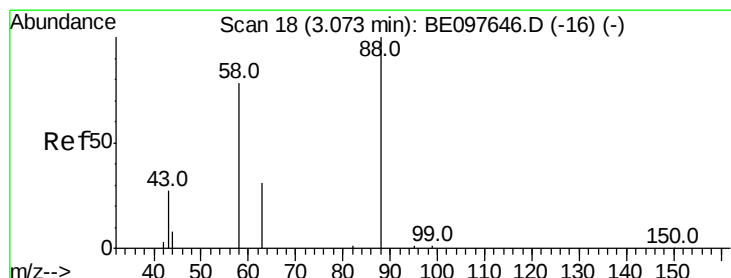
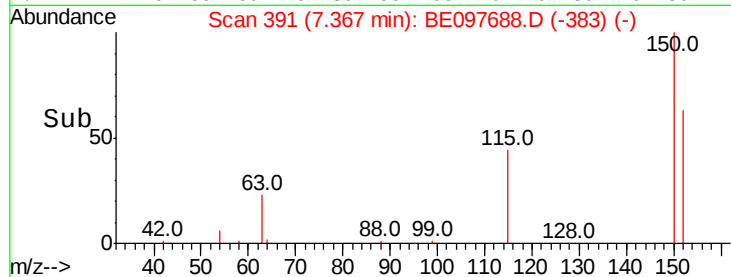
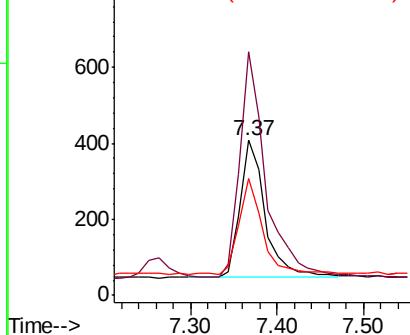
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 727
Ion Ratio Lower Upper
152 100
150 157.1 117.2 175.8
115 75.2 57.0 85.6



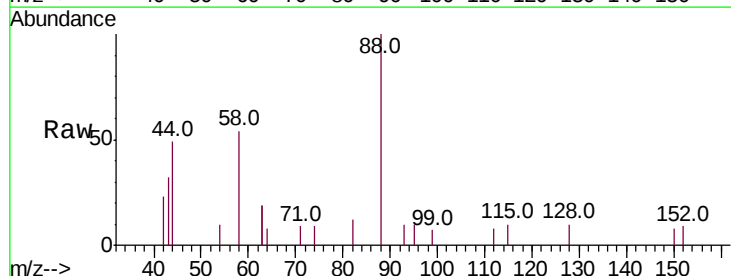
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



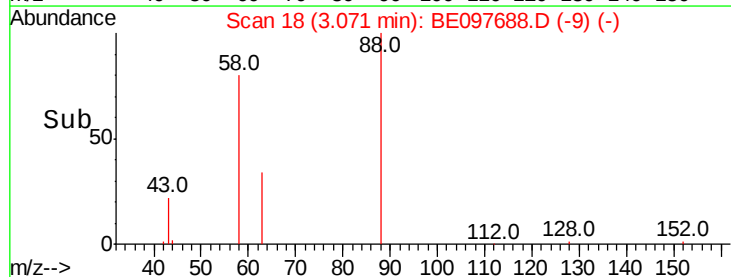
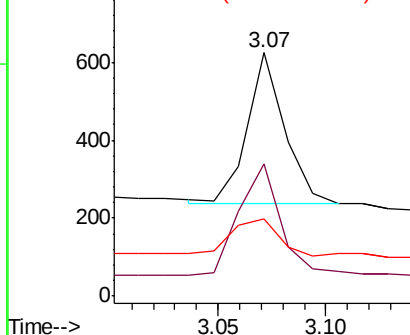
#2

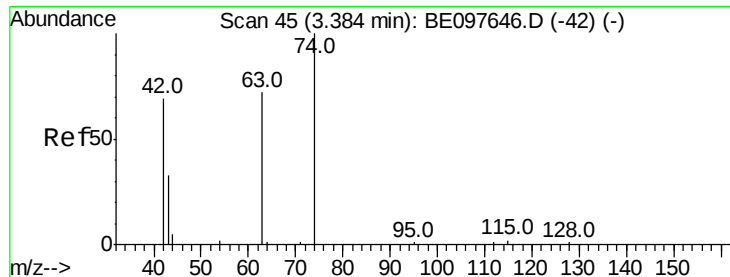
1,4-Dioxane
Concen: 0.371 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion: 88 Resp: 468
Ion Ratio Lower Upper
88 100
58 82.1 63.2 94.8
43 27.4 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: 0.490 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

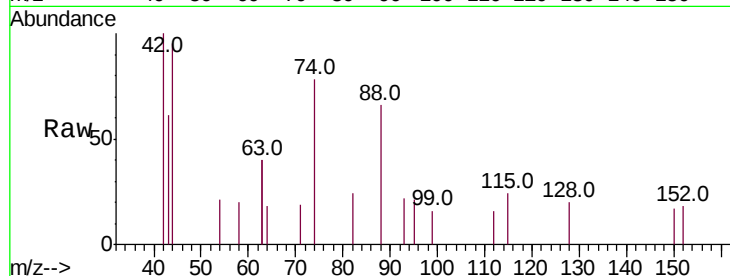
Tot Ion: 42 Resp: 415

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

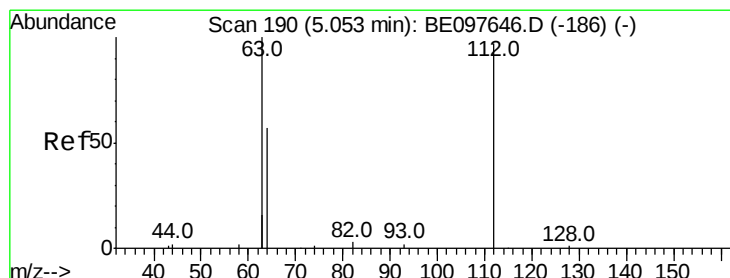
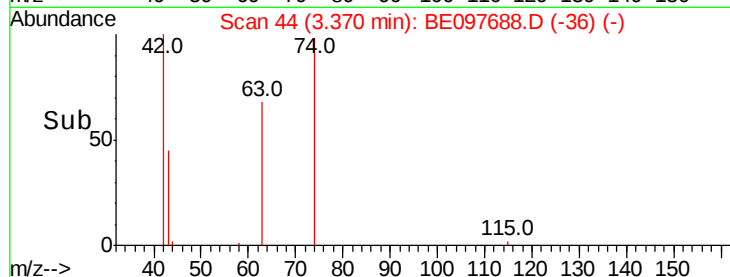
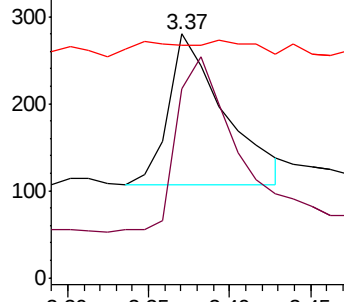
44 0.0 12.0 18.0#



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: 0.469 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

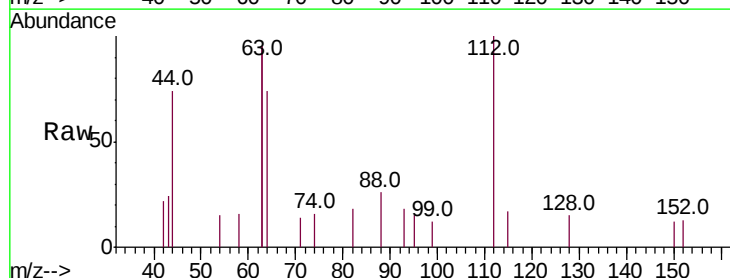
Tgt Ion: 112 Resp: 898

Ion Ratio Lower Upper

112 100

64 67.9 60.1 90.1

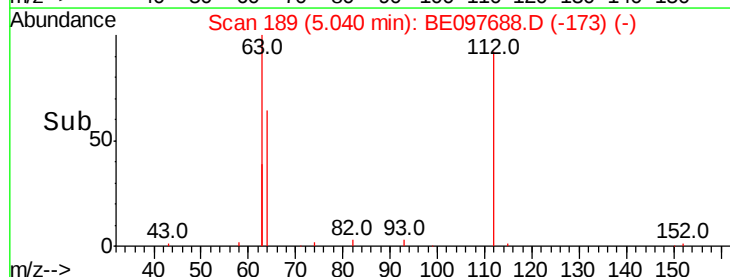
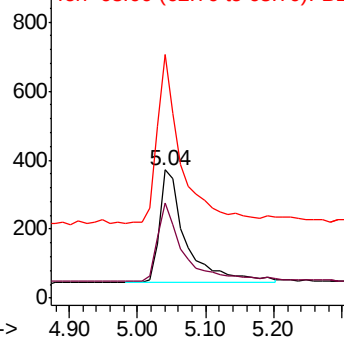
63 137.0 116.8 175.2

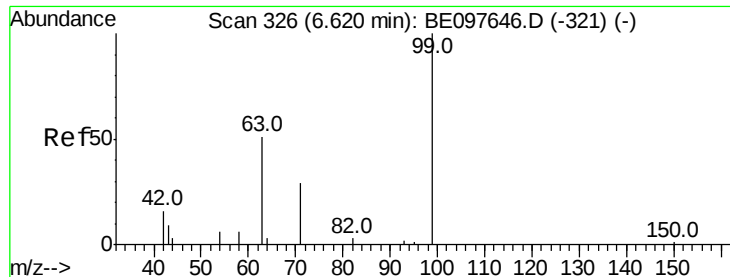


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.437 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampled :

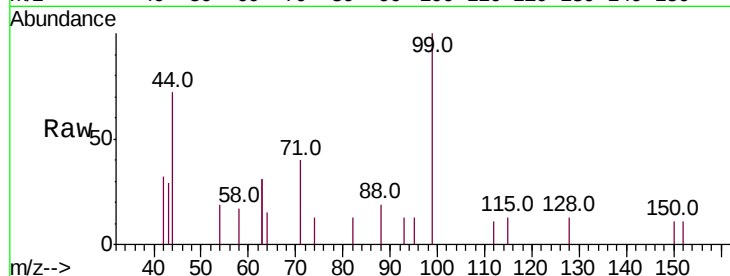
Tot Ion: 99 Resp: 1182

Ion Ratio Lower Upper

99 100

42 20.7 20.2 30.2

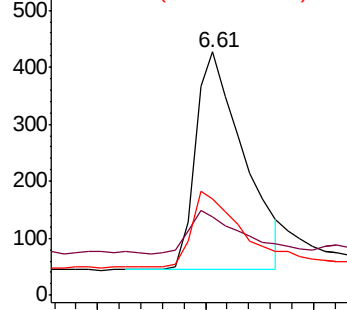
71 34.5 28.4 42.6



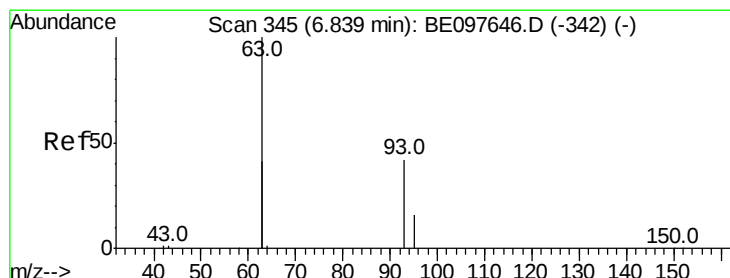
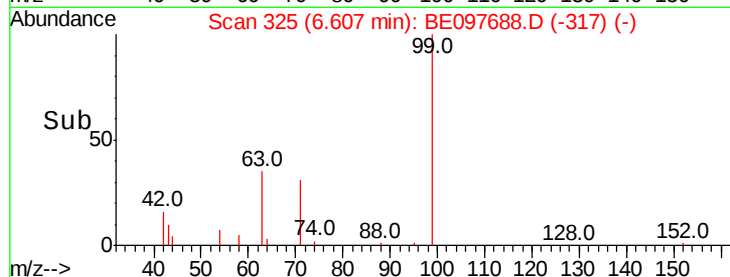
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.450 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

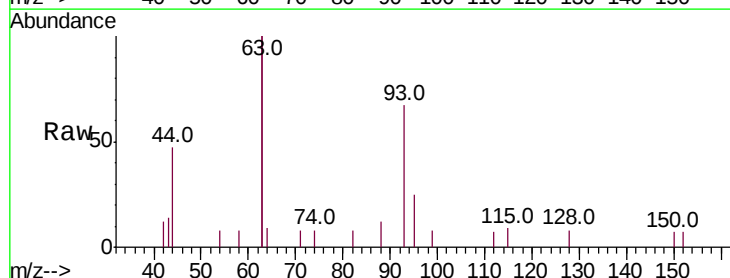
Tgt Ion: 93 Resp: 1025

Ion Ratio Lower Upper

93 100

63 286.0 275.3 412.9

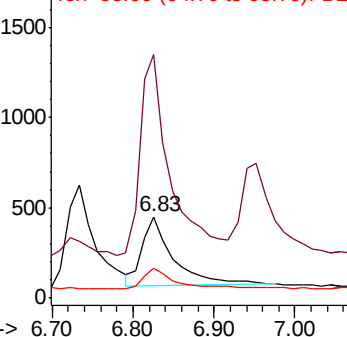
95 30.9 25.2 37.8



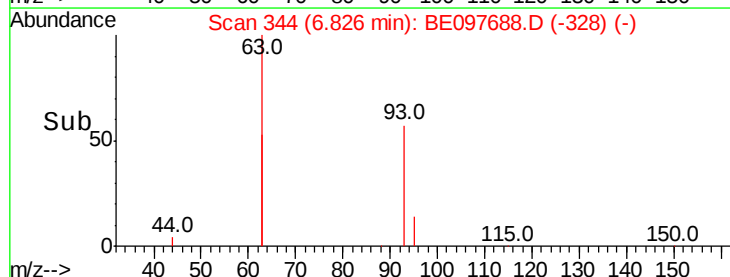
Abundance Ion 93.00 (92.70 to 93.70): BE0

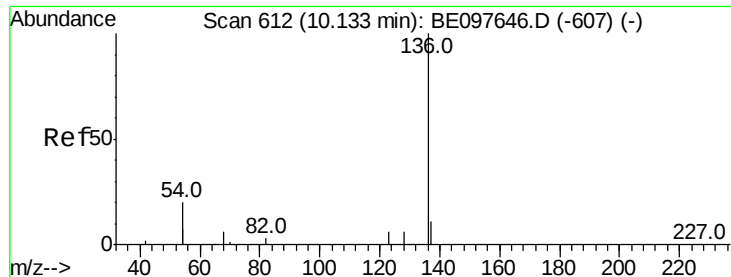
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097688.D

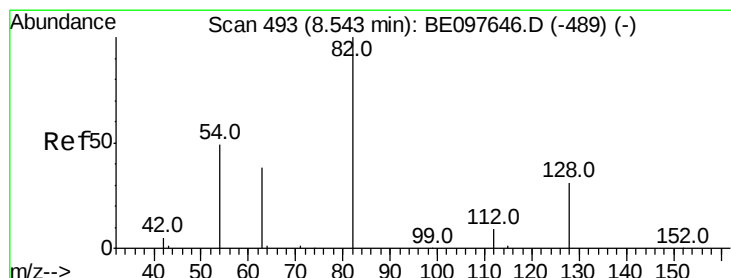
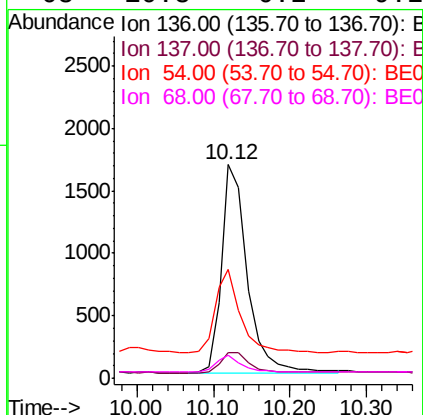
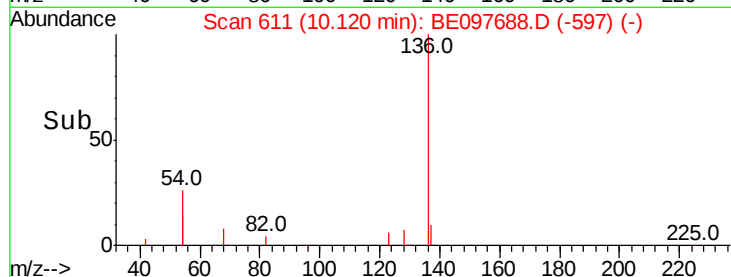
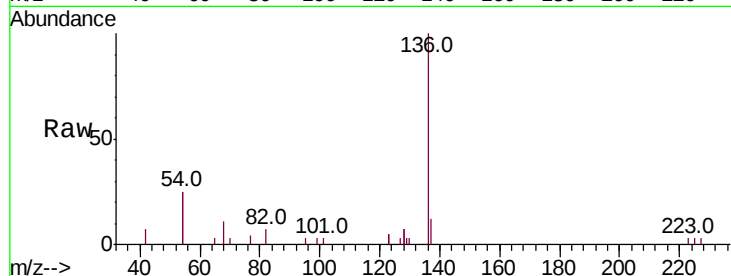
Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampled :

Tot Ion:	136	Resp:	3914
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	50.8	29.1	43.7#
68	10.8	6.2	9.2#



#8

Nitrobenzene-d5

Concen: 0.447 ng

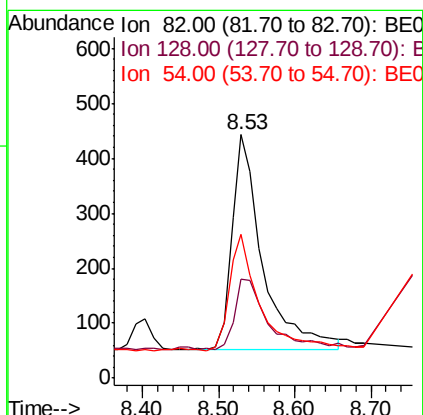
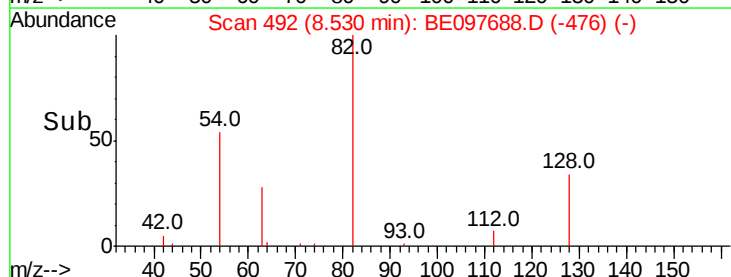
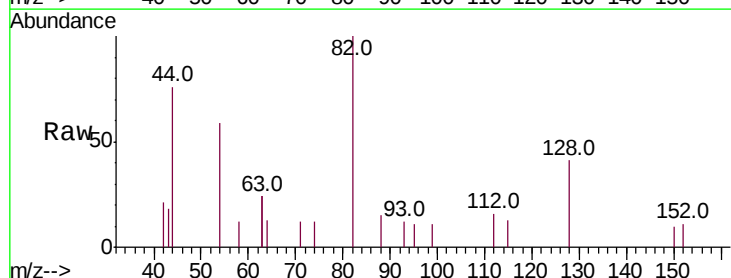
RT: 8.53 min Scan# 492

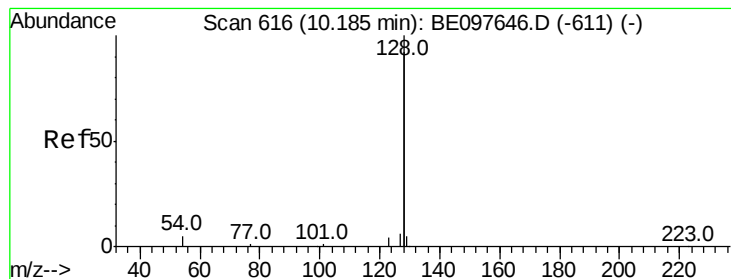
Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Tgt Ion:	82	Resp:	1089
Ion	Ratio	Lower	Upper
82	100		
128	40.9	24.0	36.0#
54	59.1	40.0	60.0





#9

Naphthalene

Concen: 0.409 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

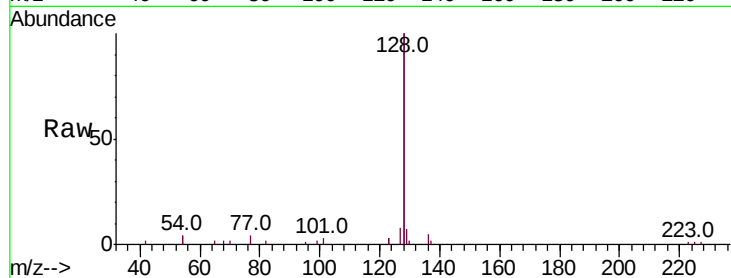
Tot Ion:128 Resp: 14566

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

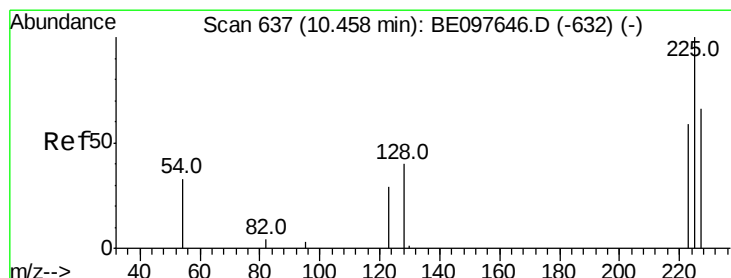
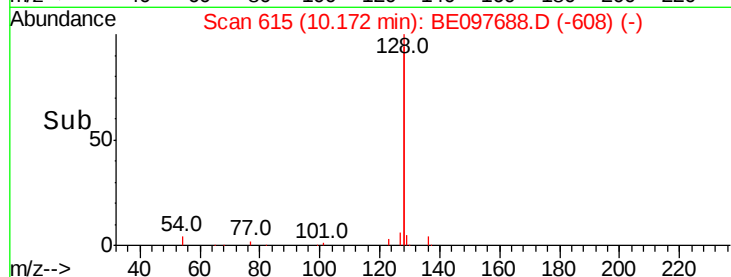
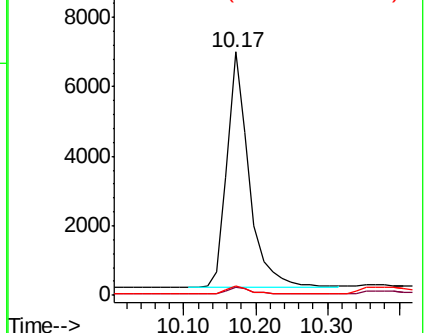
127 3.8 2.8 4.2



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: 0.390 ng

RT: 10.44 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

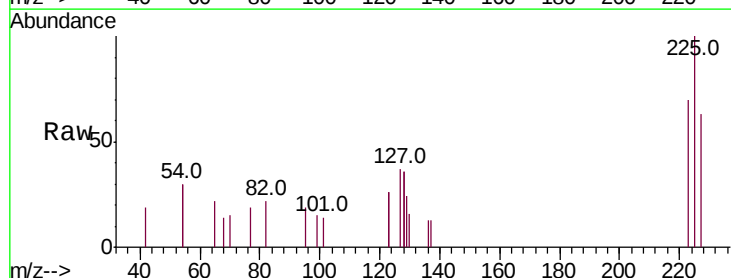
Tgt Ion:225 Resp: 631

Ion Ratio Lower Upper

225 100

223 61.6 53.0 79.6

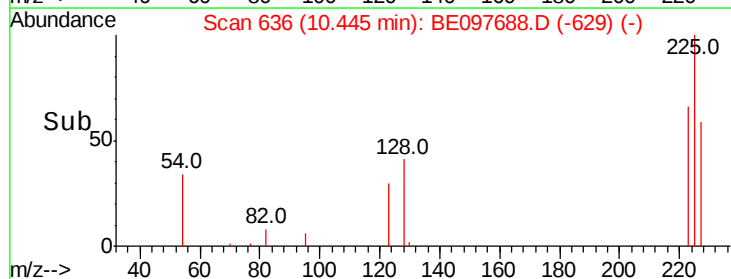
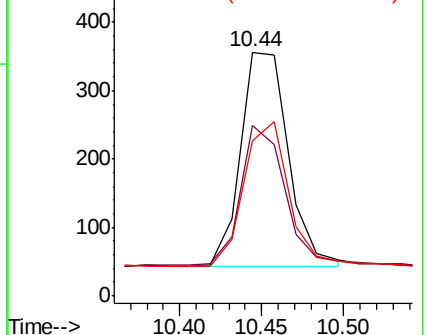
227 62.9 51.4 77.2

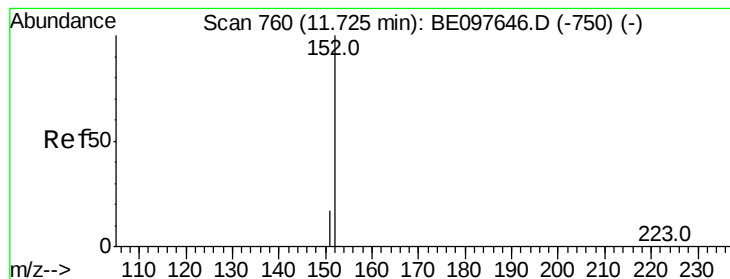


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 11.72 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

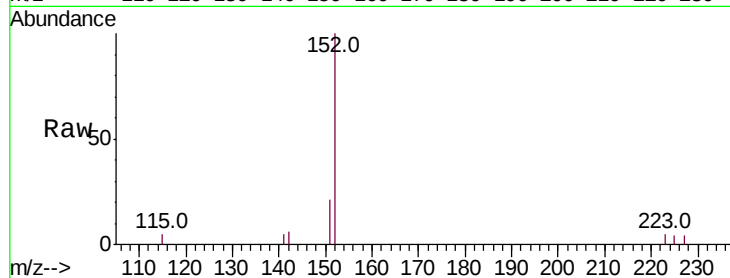
ClientSampleId :

Tot Ion:152 Resp: 2441

Ion Ratio Lower Upper

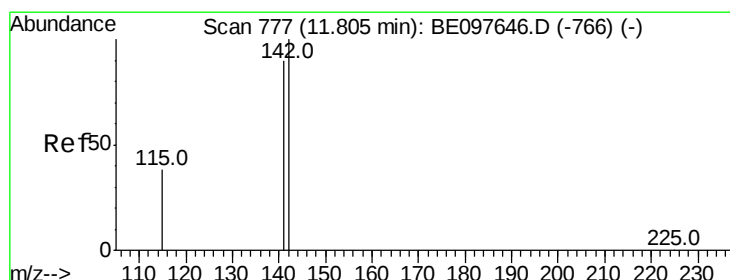
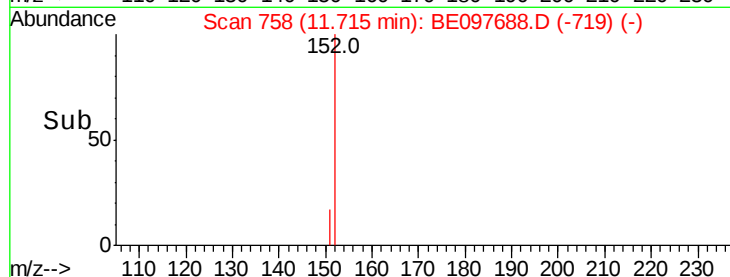
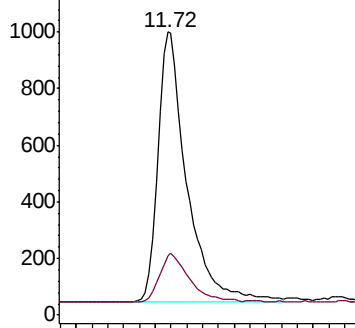
152 100

151 17.9 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: 0.442 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

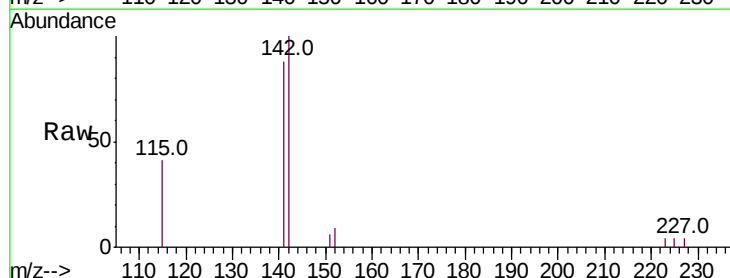
Tgt Ion:142 Resp: 2491

Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6

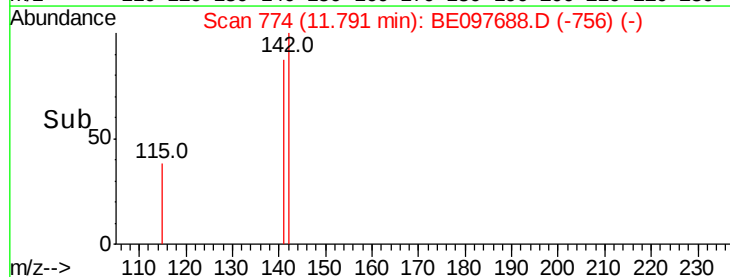
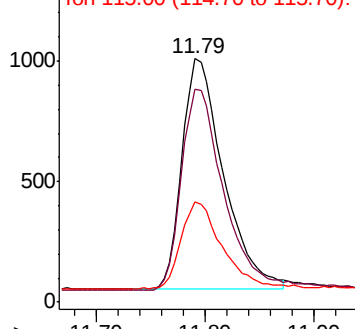
115 41.3 31.7 47.5

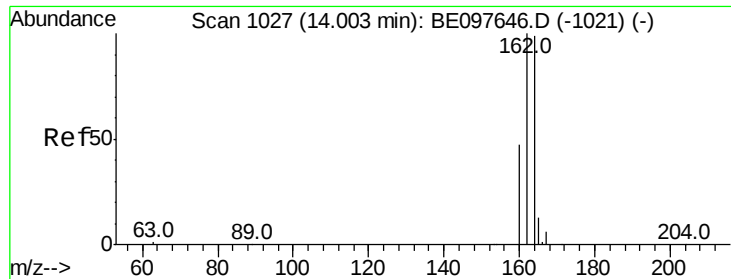


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

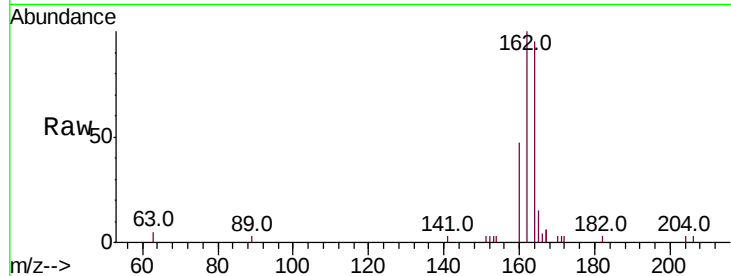
Tot Ion:164 Resp: 2755

Ion Ratio Lower Upper

164 100

162 105.4 83.1 124.7

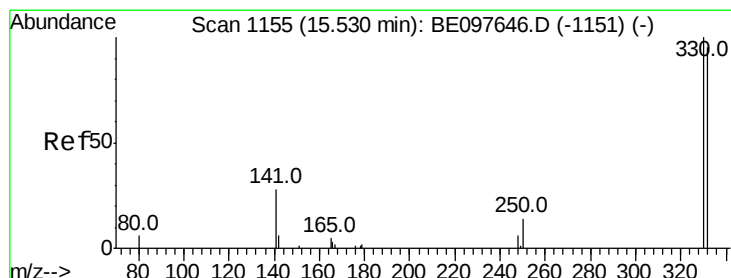
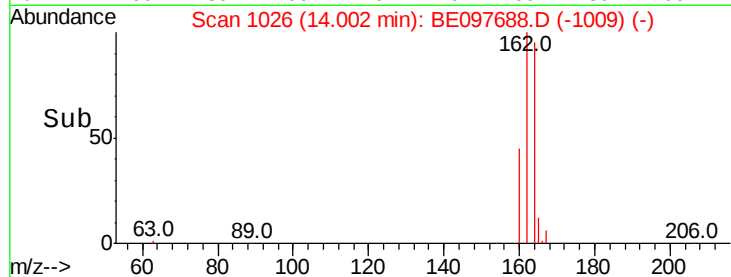
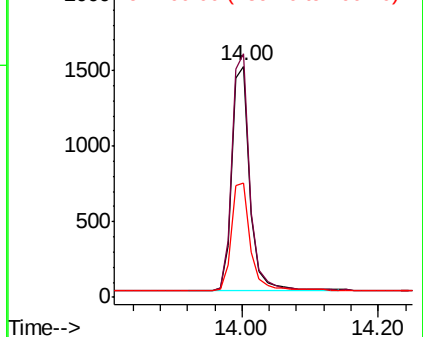
160 49.5 37.1 55.7



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: 0.419 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

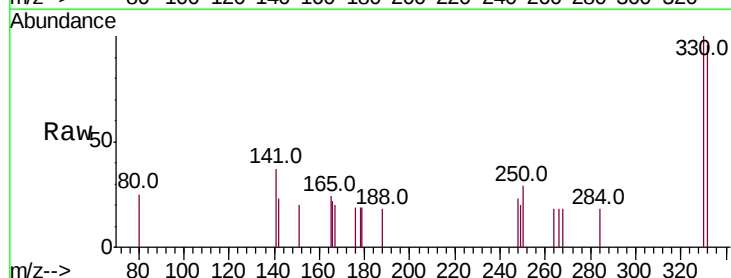
Tgt Ion:330 Resp: 467

Ion Ratio Lower Upper

330 100

332 96.6 152.7 229.1#

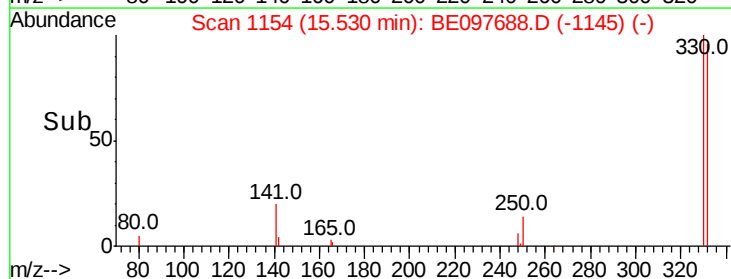
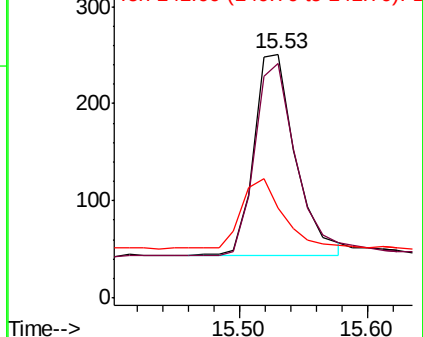
141 34.5 33.7 50.5

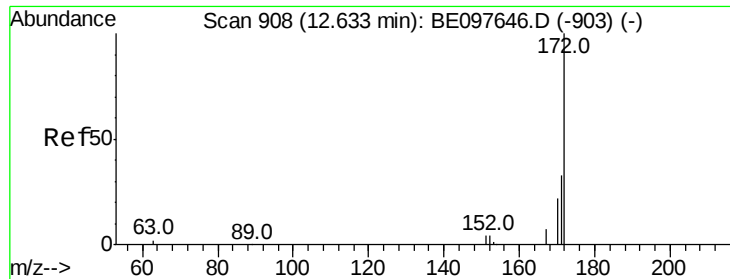


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

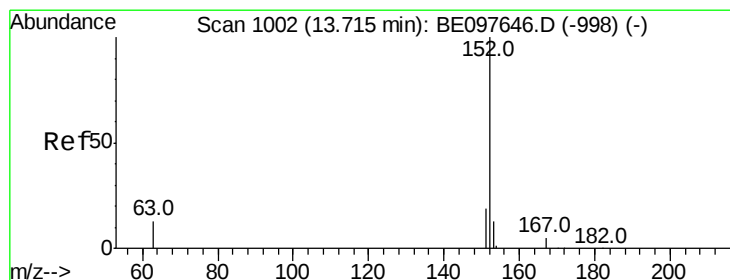
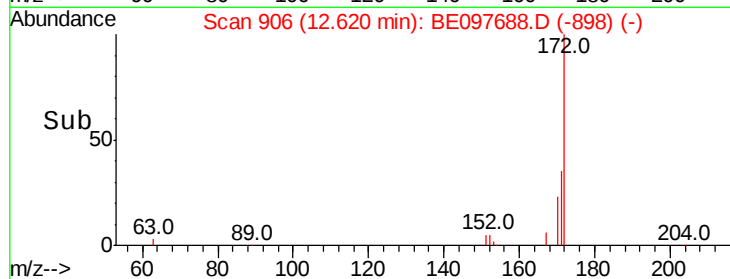
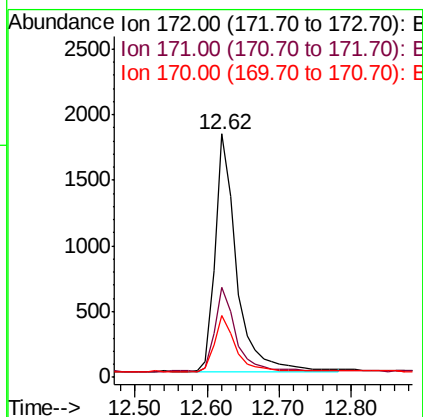
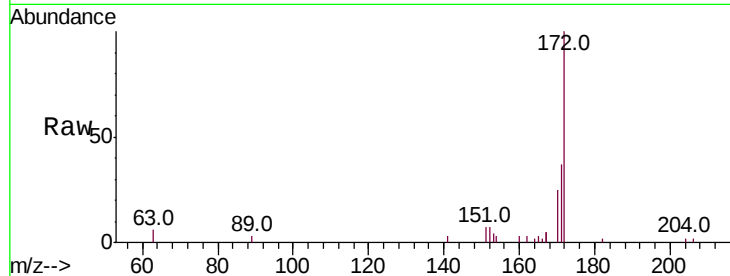




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

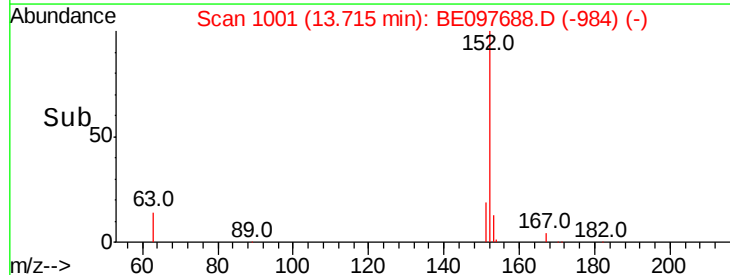
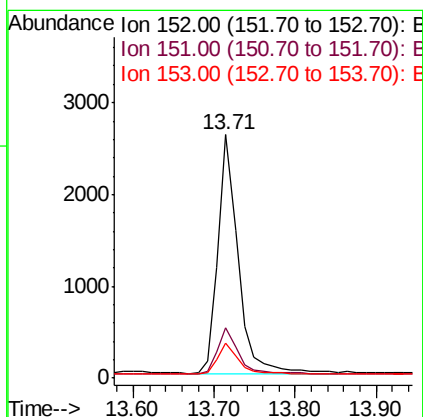
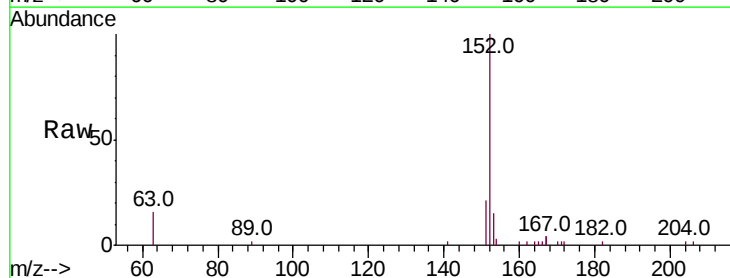
Instrument :
BNA_E
ClientSampled :

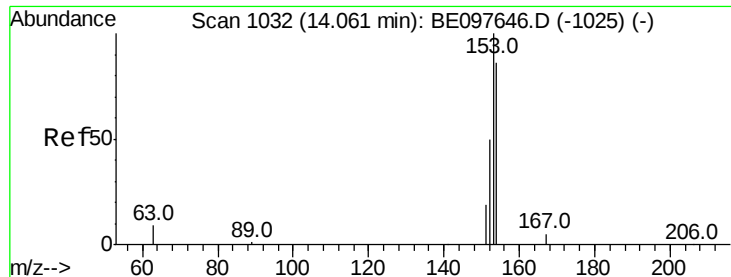
Tot Ion:172 Resp: 3715
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 25.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.408 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:152 Resp: 4514
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.420 ng

RT: 14.06 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

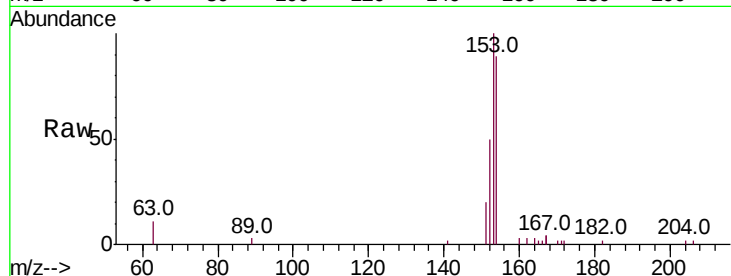
Tot Ion:154 Resp: 3037

Ion Ratio Lower Upper

154 100

153 114.2 89.2 133.8

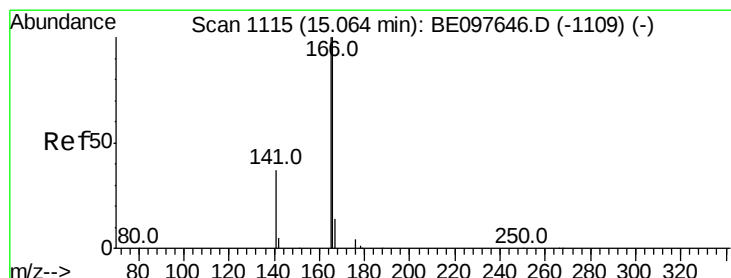
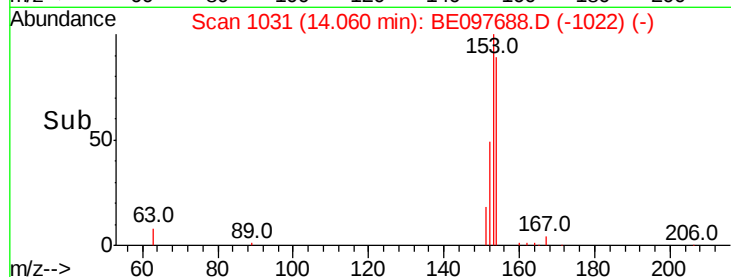
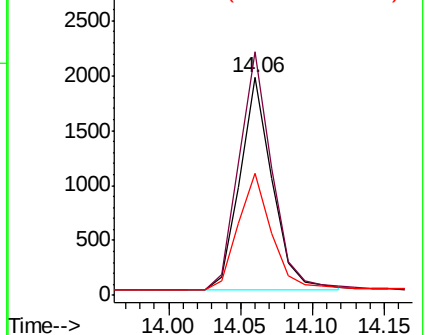
152 56.2 42.0 63.0



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: 0.404 ng

RT: 15.05 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

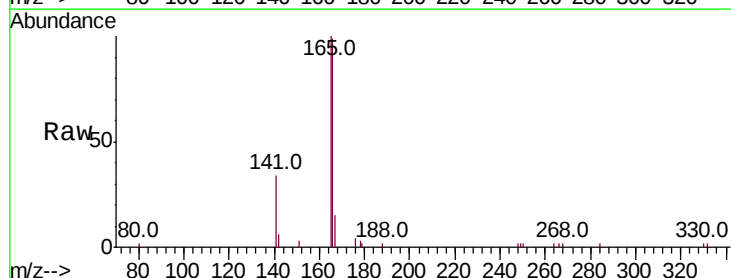
Tgt Ion:166 Resp: 4113

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.6

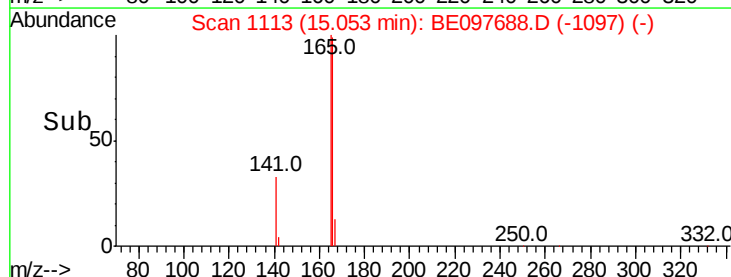
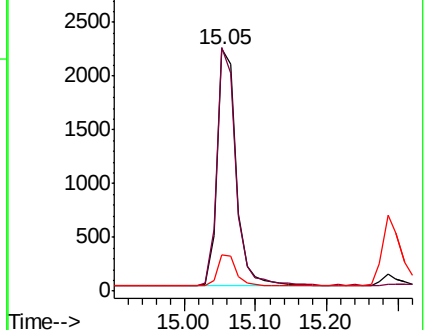
167 13.3 42.4 63.6#

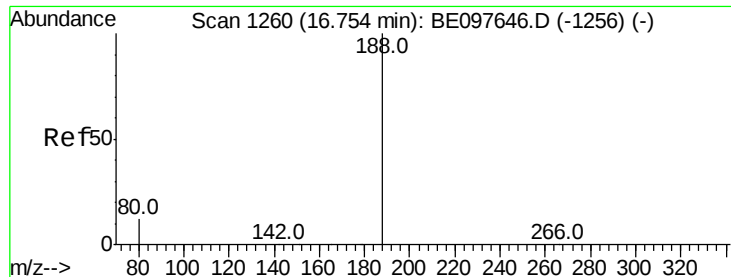


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

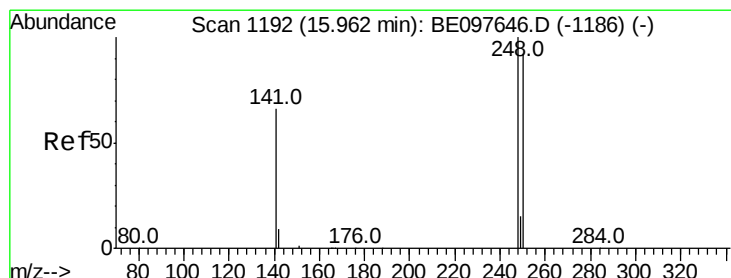
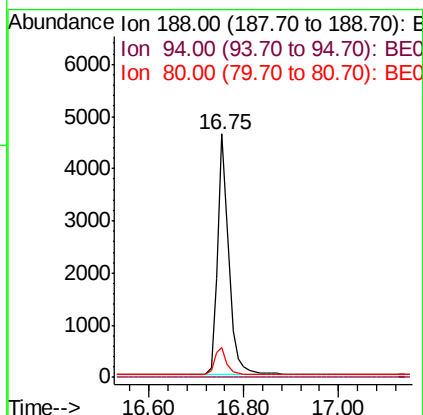
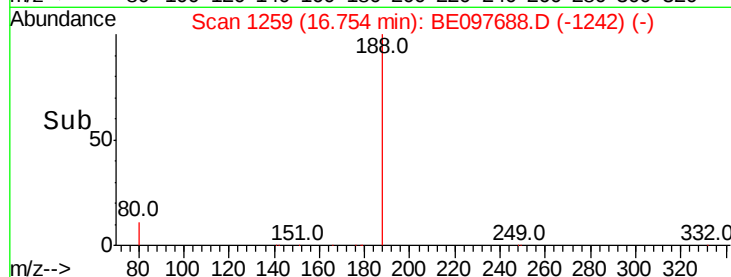
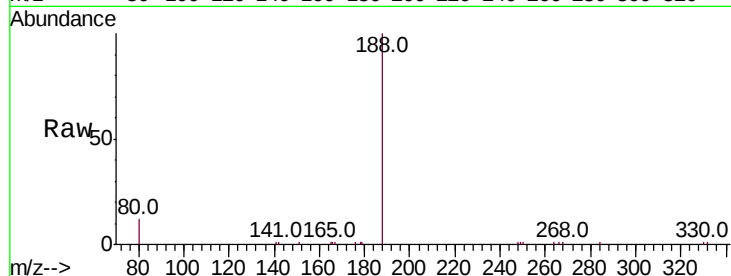
Tot Ion:188 Resp: 7893

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.1 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.422 ng

RT: 15.96 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

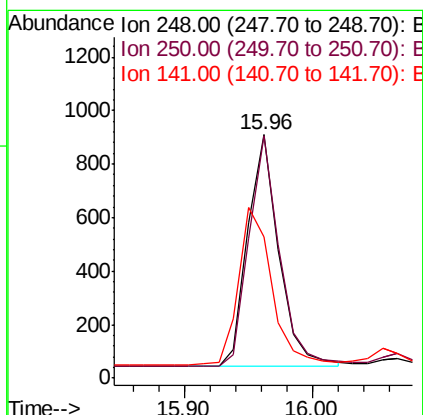
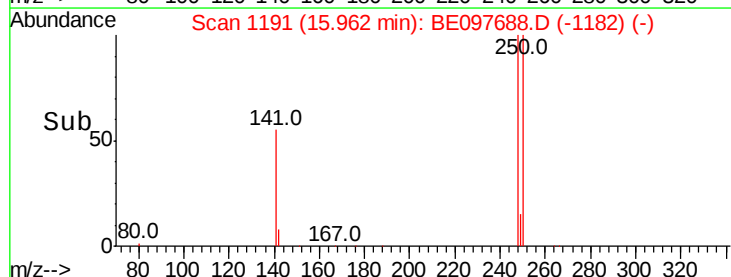
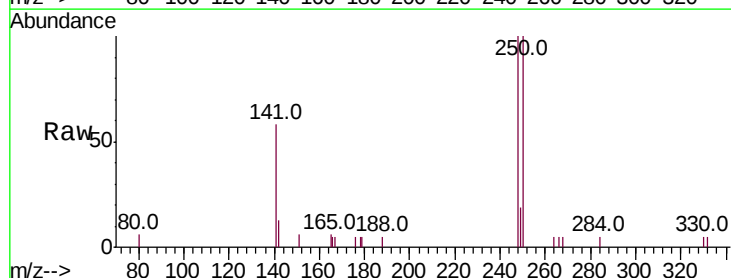
Tgt Ion:248 Resp: 1476

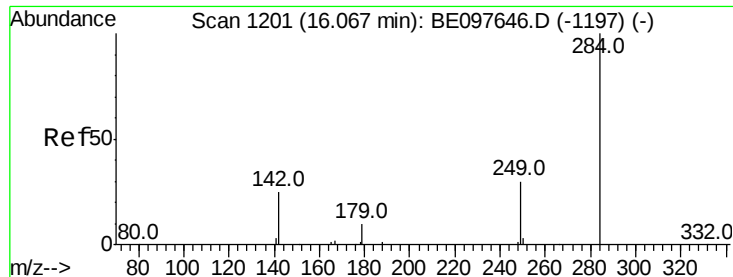
Ion Ratio Lower Upper

248 100

250 99.7 62.7 94.1#

141 58.1 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.411 ng

RT: 16.07 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

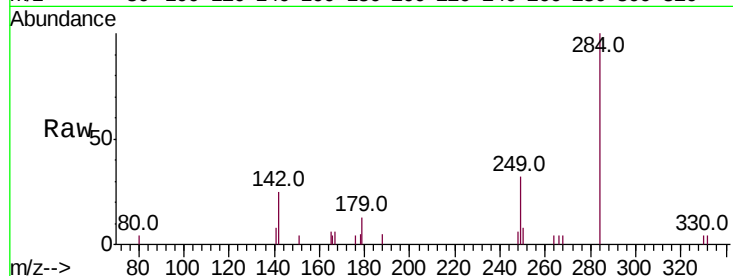
Tot Ion:284 Resp: 1660

Ion Ratio Lower Upper

284 100

142 31.3 22.1 33.1

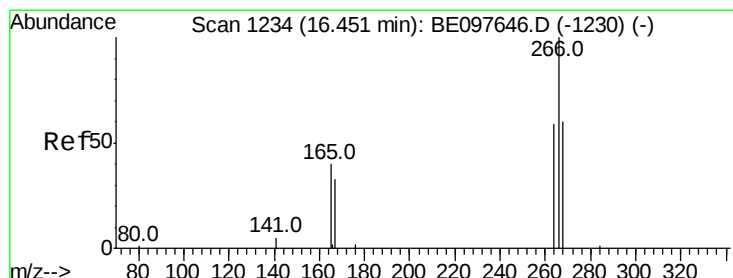
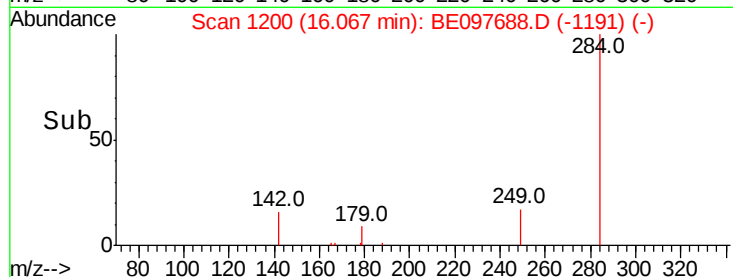
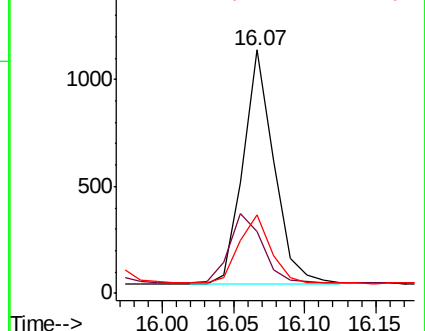
249 29.5 34.8 52.2#



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: 0.568 ng

RT: 16.44 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

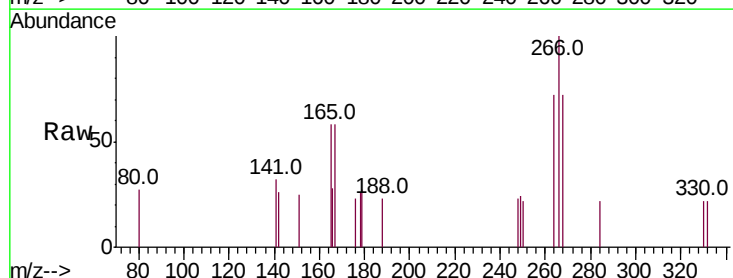
Tgt Ion:266 Resp: 463

Ion Ratio Lower Upper

266 100

264 72.3 72.5 108.7#

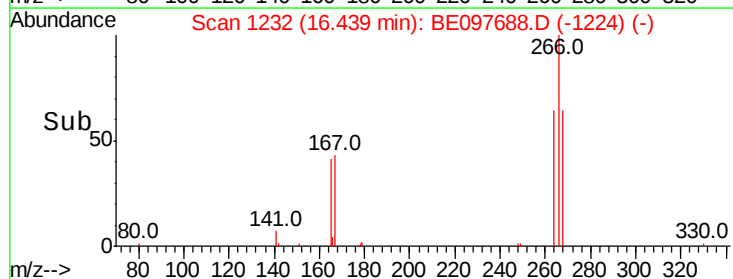
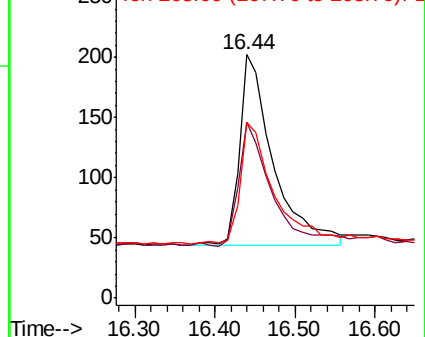
268 72.3 73.8 110.6#

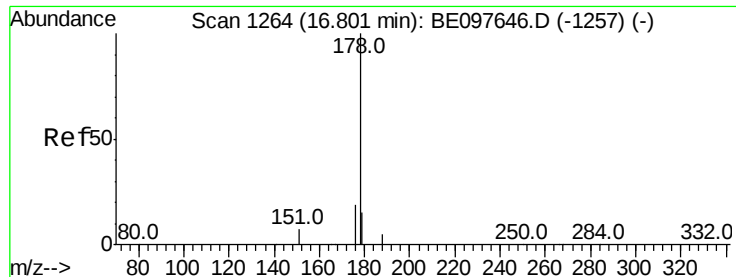


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.409 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampled :

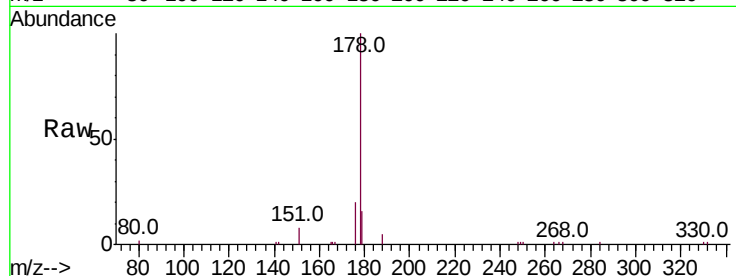
Tot Ion:178 Resp: 7637

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

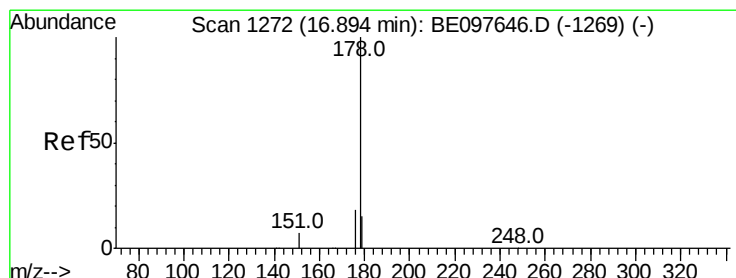
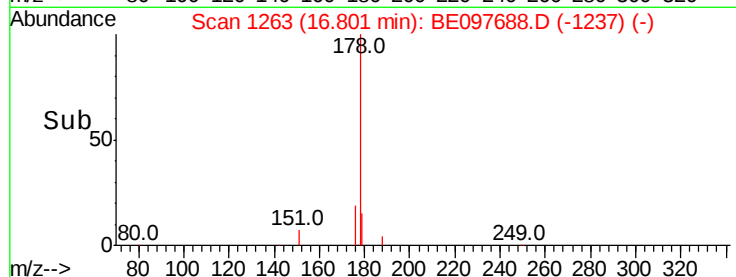
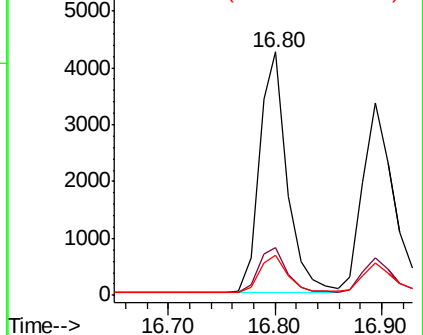
179 15.8 11.8 17.6



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: 0.420 ng

RT: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

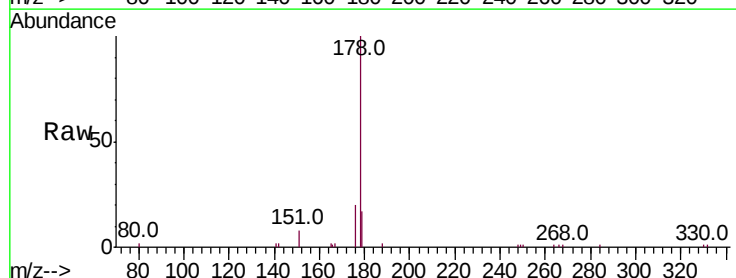
Tgt Ion:178 Resp: 6509

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

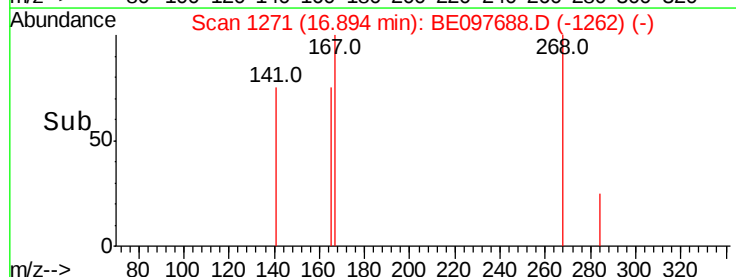
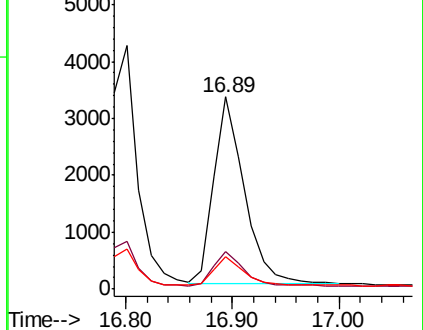
179 15.0 13.0 19.6

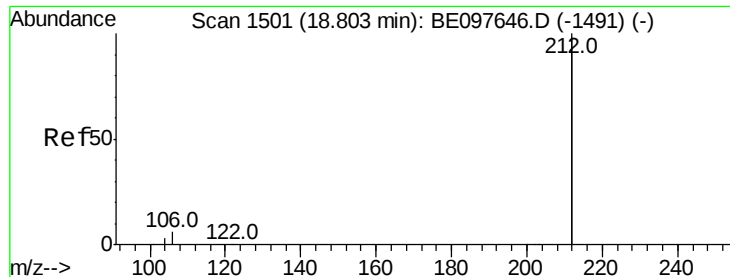


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 18.80 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

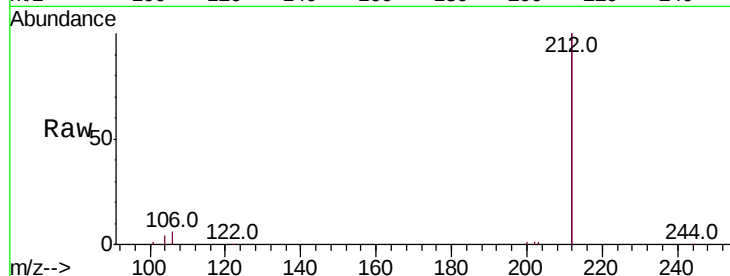
Tot Ion:212 Resp: 33610

Ion Ratio Lower Upper

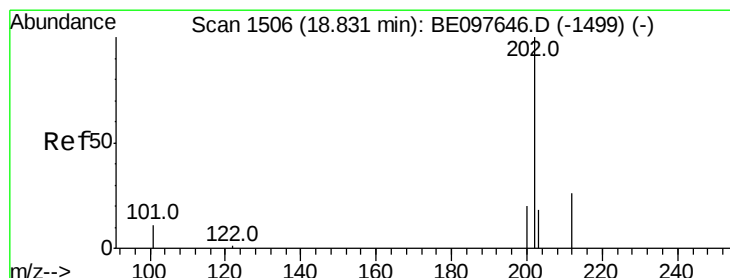
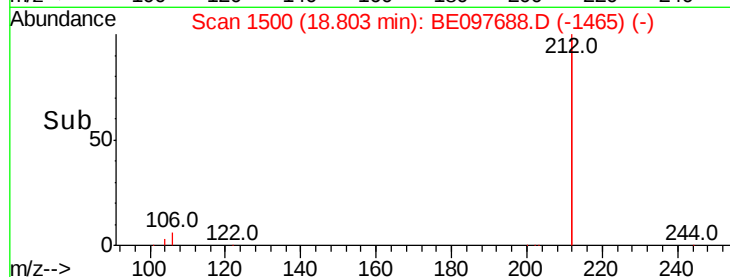
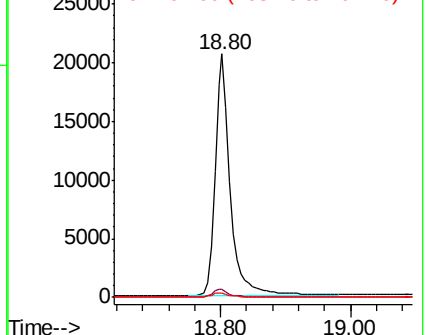
212 100

106 3.2 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: 0.389 ng

RT: 18.83 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

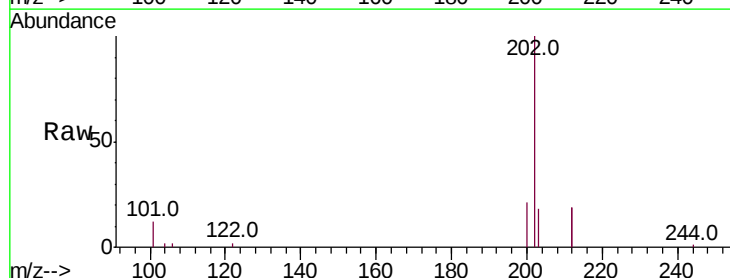
Tgt Ion:202 Resp: 8706

Ion Ratio Lower Upper

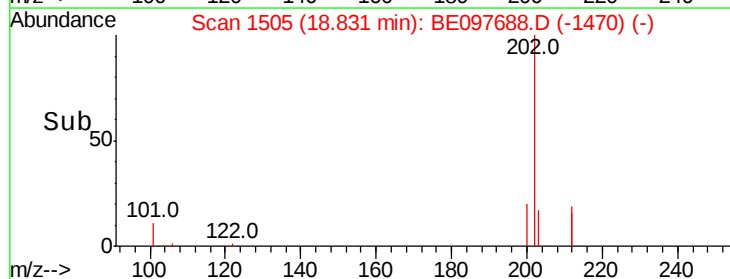
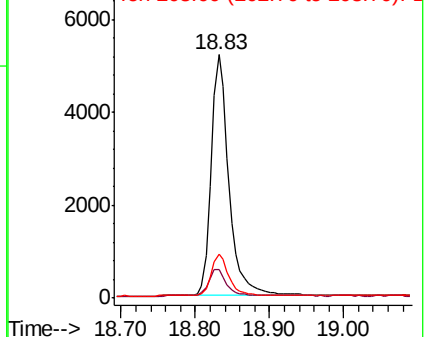
202 100

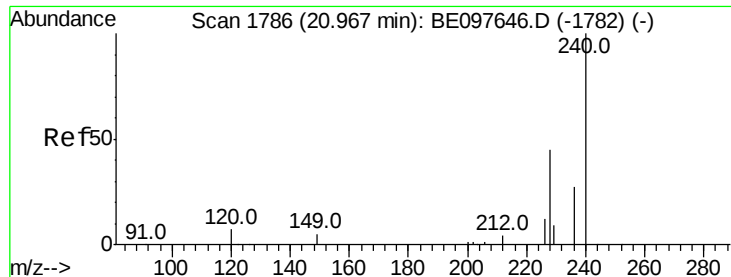
101 10.9 9.8 14.8

203 17.1 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# 1785

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

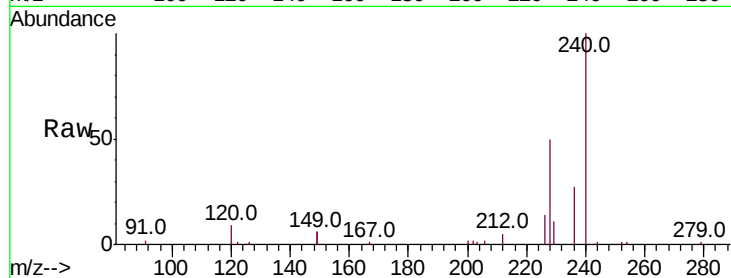
Tot Ion:240 Resp: 8163

Ion Ratio Lower Upper

240 100

120 8.6 5.5 8.3#

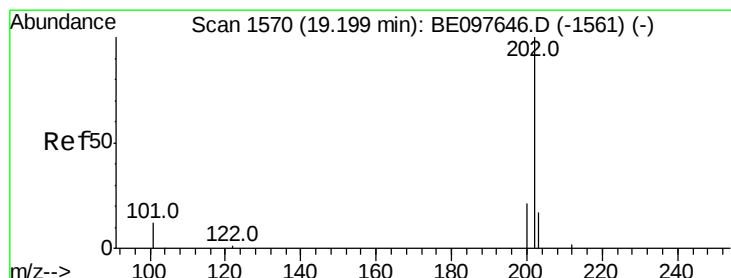
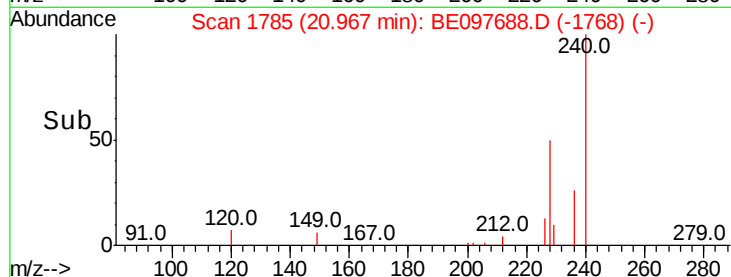
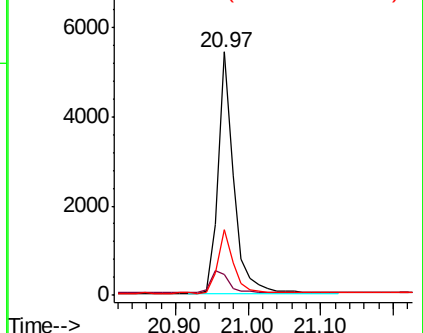
236 27.2 20.7 31.1



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: 0.421 ng

RT: 19.20 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

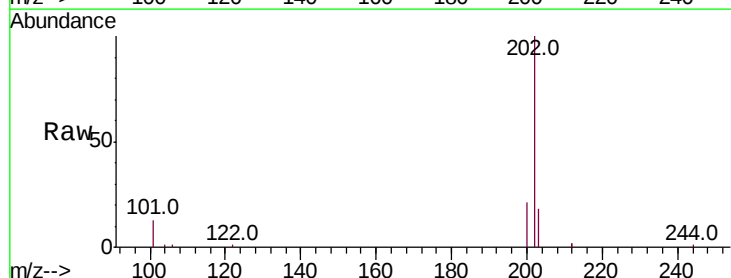
Tgt Ion:202 Resp: 8973

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

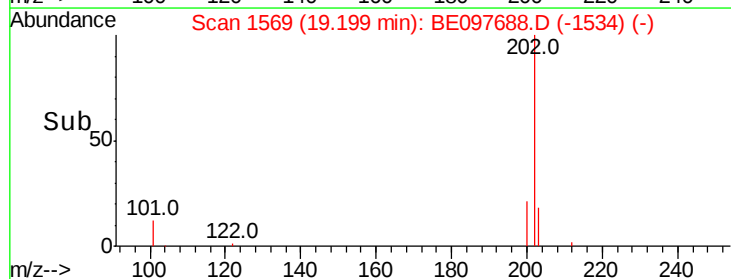
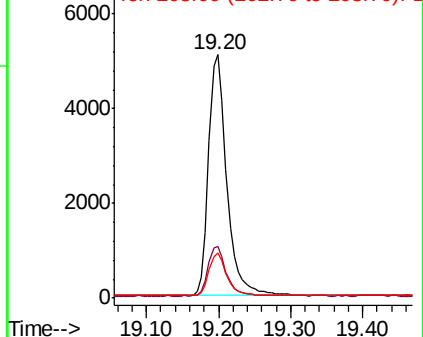
203 17.5 13.8 20.8

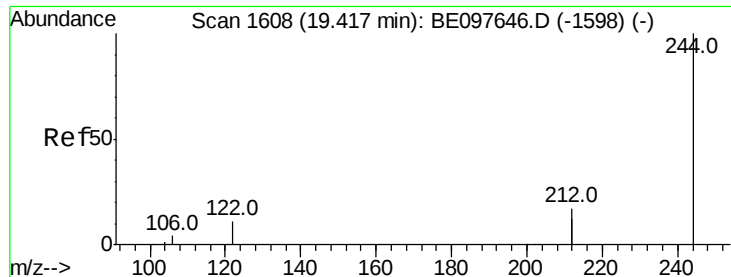


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.42 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampled :

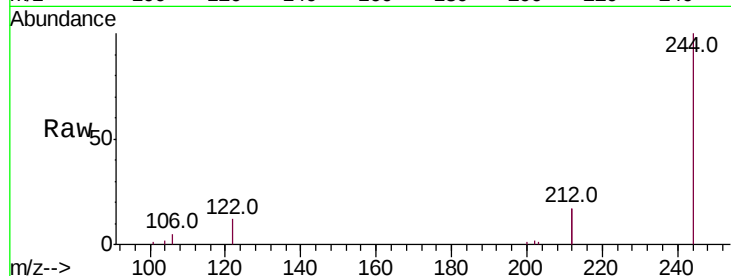
Tot Ion:244 Resp: 6592

Ion Ratio Lower Upper

244 100

212 34.1 25.4 38.0

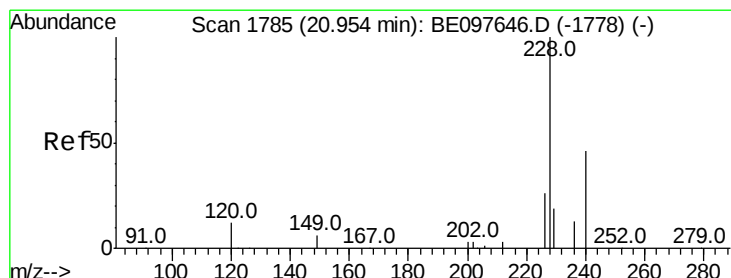
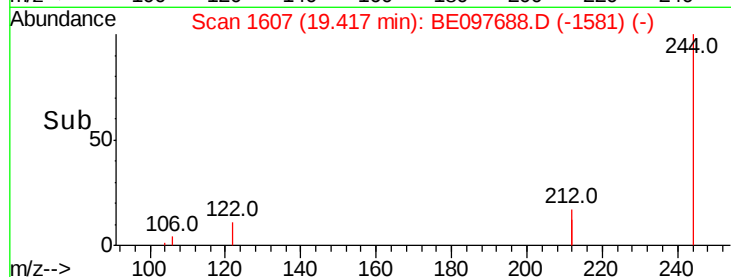
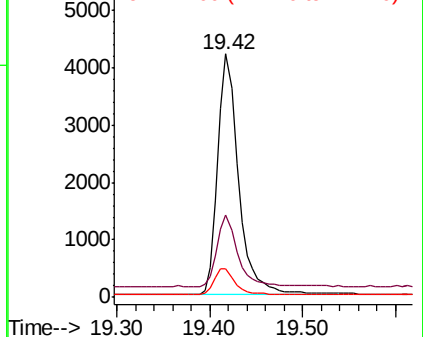
122 11.6 8.1 12.1



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: 0.412 ng

RT: 20.95 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

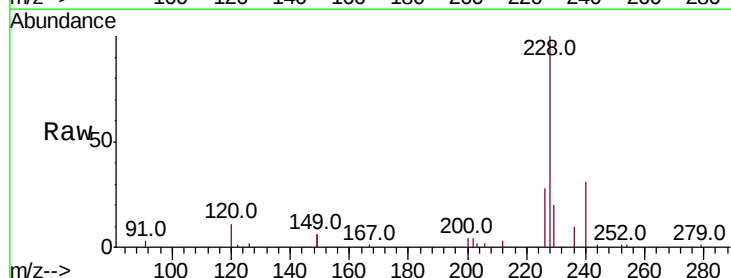
Tgt Ion:228 Resp: 7952

Ion Ratio Lower Upper

228 100

226 27.8 24.0 36.0

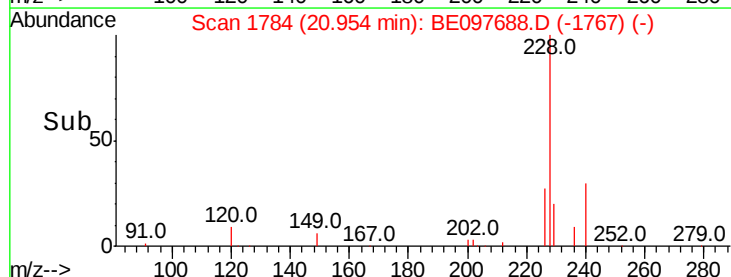
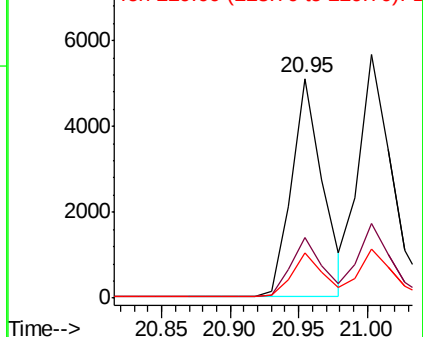
229 20.3 16.0 24.0

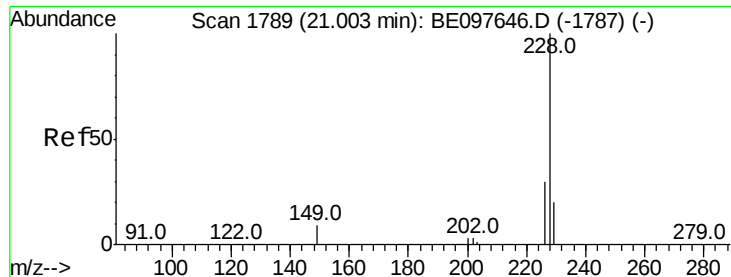


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

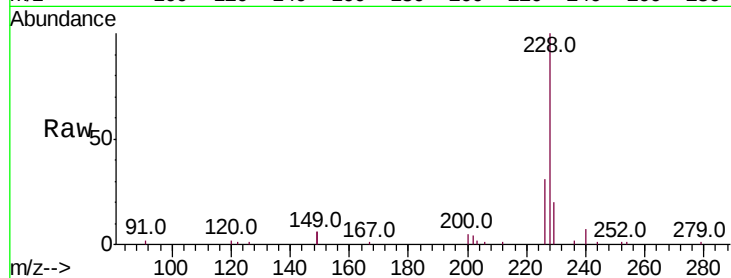
Tot Ion:228 Resp: 9284

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.3	16.0	24.0

228 100

226 30.6 24.0 36.0

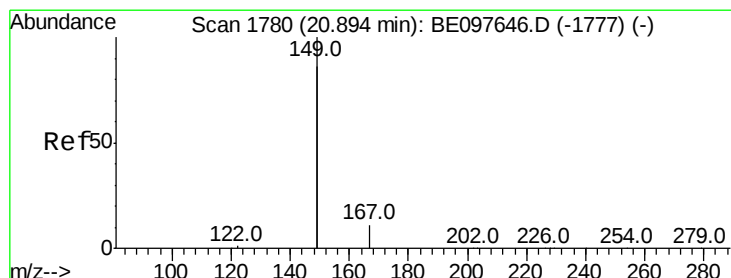
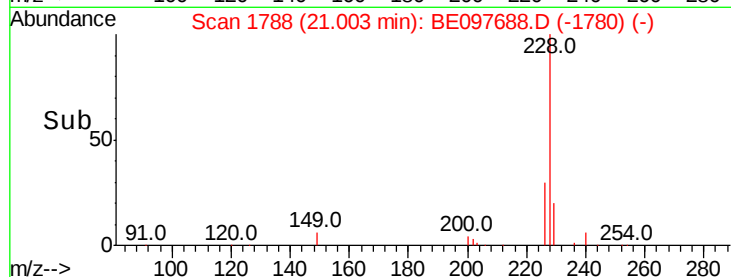
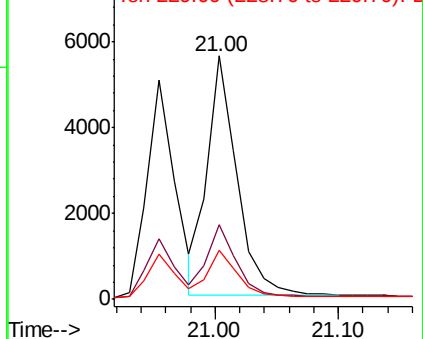
229 20.3 16.0 24.0



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: 0.541 ng

RT: 20.89 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

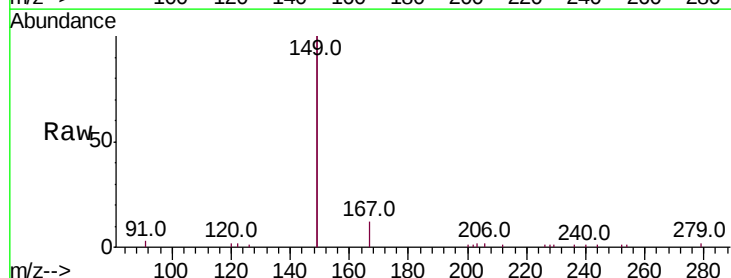
Tgt Ion:149 Resp: 11928

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.1	0.7	1.1#

149 100

167 6.3 5.4 8.0

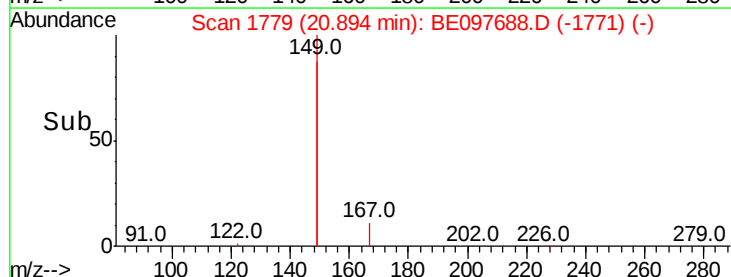
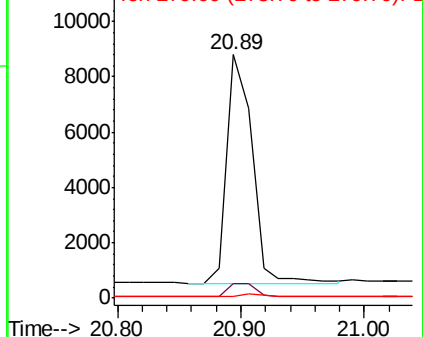
279 1.1 0.7 1.1#

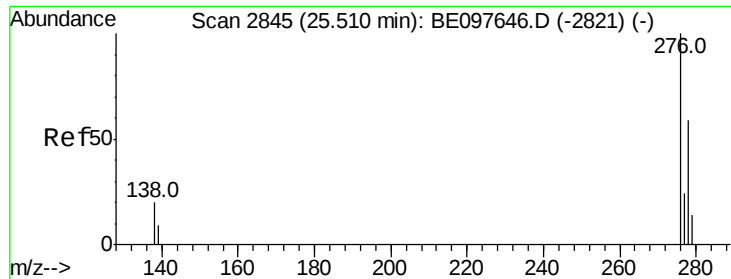


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

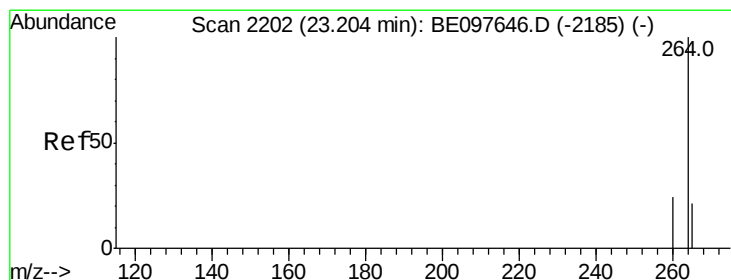
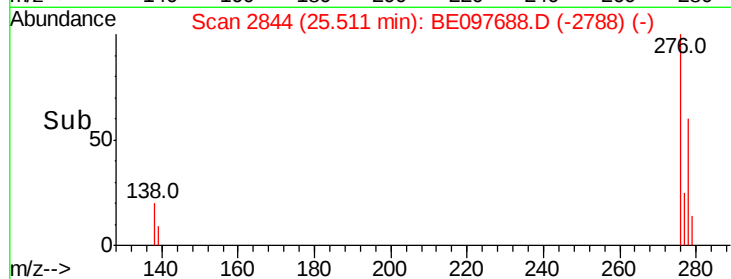
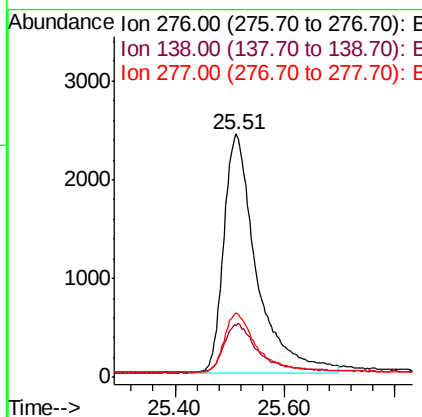
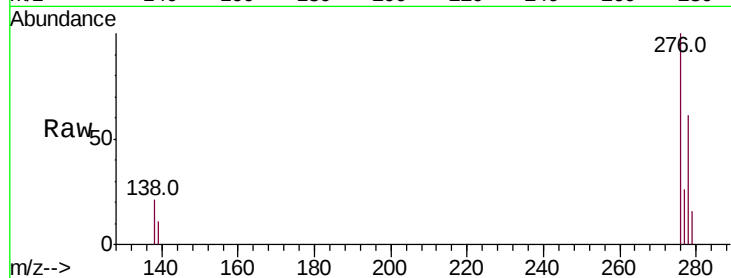




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 25.51 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

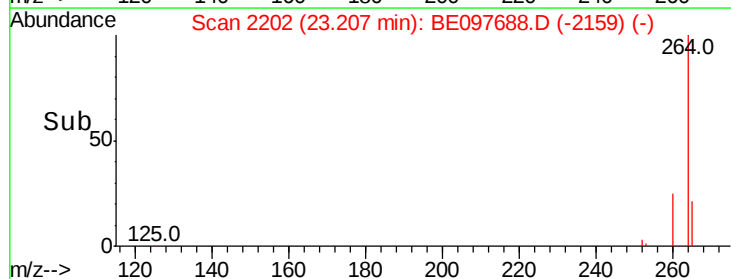
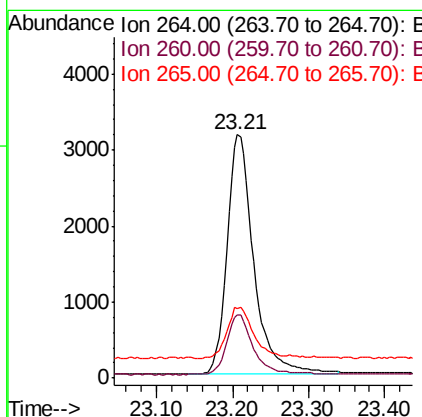
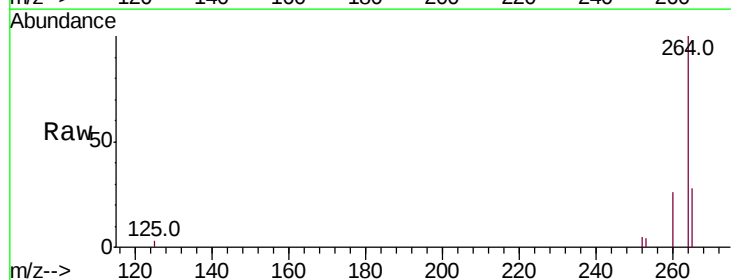
Instrument :
BNA_E
ClientSampleId :

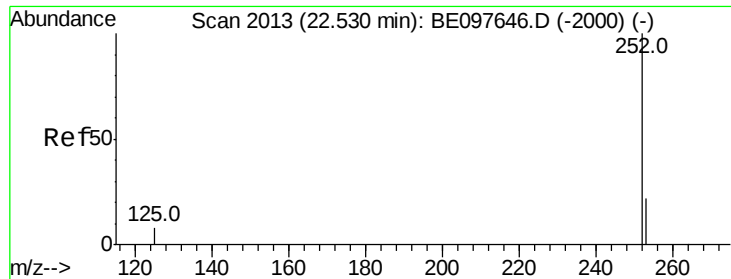
Tot Ion:276 Resp: 10007
Ion Ratio Lower Upper
276 100
138 20.6 22.5 33.7#
277 24.6 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097688.D
Acq: 26 Sep 2018 17:15

Tgt Ion:264 Resp: 7694
Ion Ratio Lower Upper
264 100
260 26.1 20.5 30.7
265 28.4 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.410 ng

RT: 22.53 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

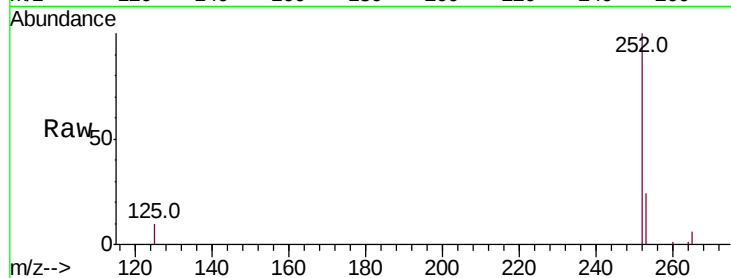
Tot Ion:252 Resp: 8061

Ion Ratio Lower Upper

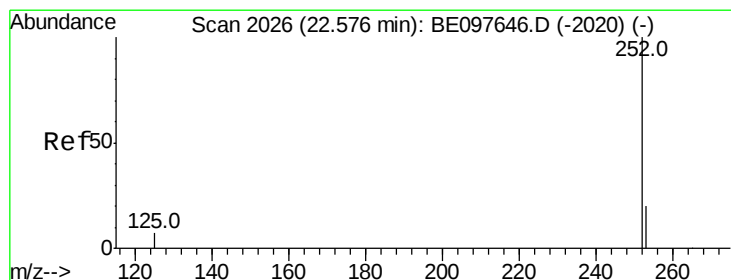
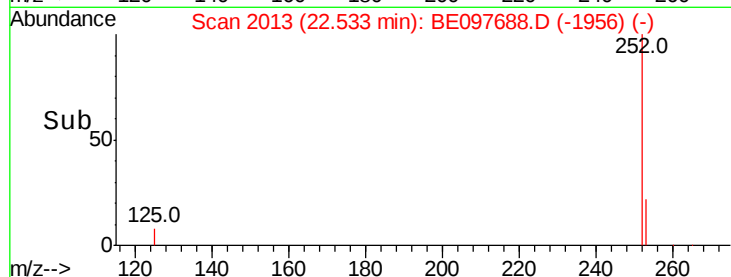
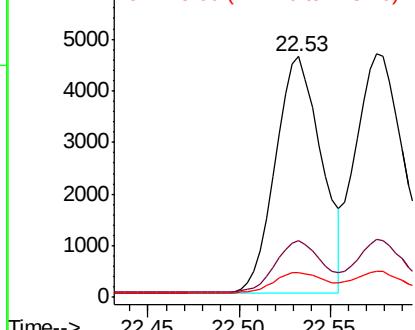
252 100

253 23.5 20.0 30.0

125 10.1 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: 0.402 ng

RT: 22.58 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

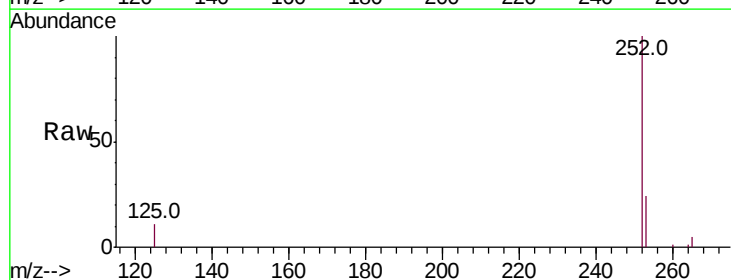
Tgt Ion:252 Resp: 9351

Ion Ratio Lower Upper

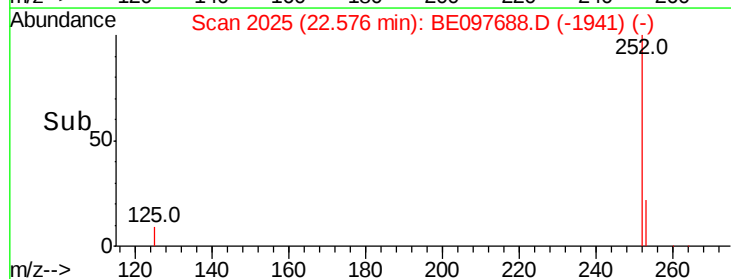
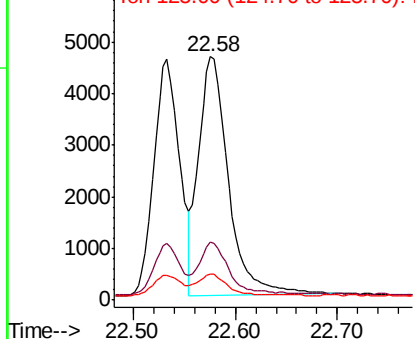
252 100

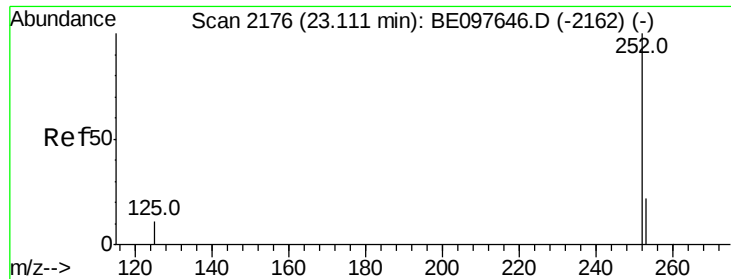
253 23.7 16.0 24.0

125 10.6 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: 0.409 ng

RT: 23.11 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

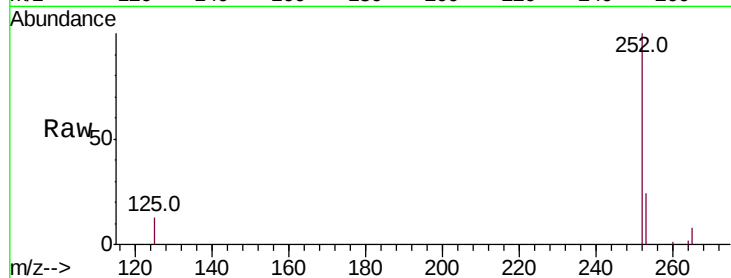
Tot Ion:252 Resp: 7948

Ion Ratio Lower Upper

252 100

253 24.0 16.0 24.0#

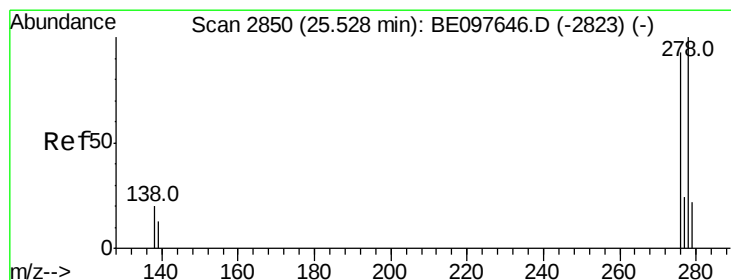
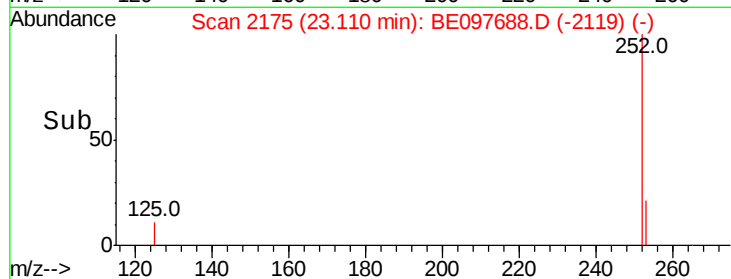
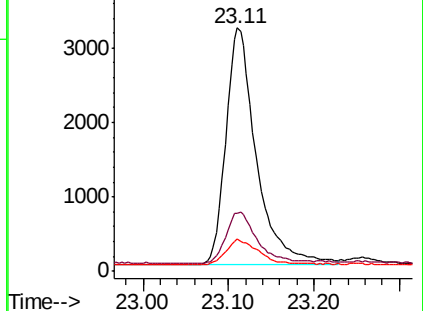
125 13.2 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.406 ng

RT: 25.53 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

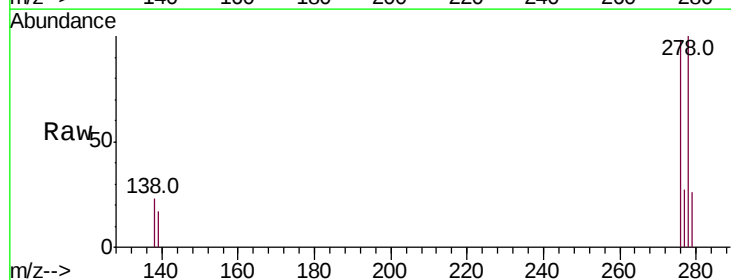
Tgt Ion:278 Resp: 8286

Ion Ratio Lower Upper

278 100

139 16.6 16.0 24.0

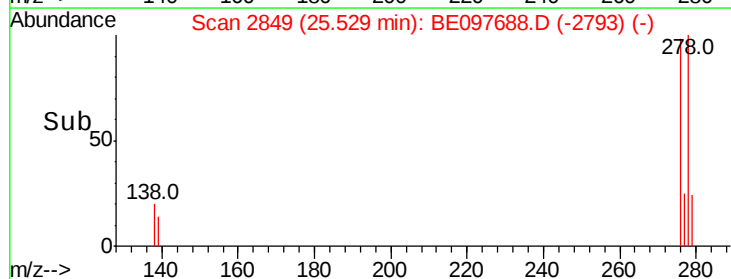
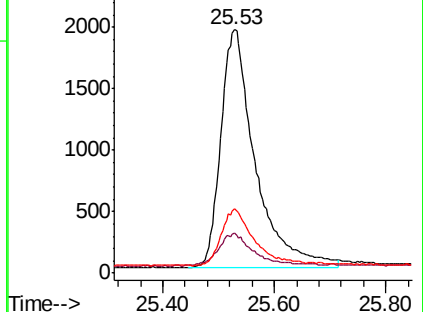
279 26.3 20.0 30.0

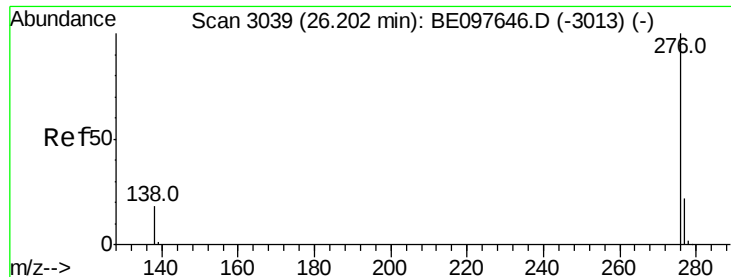


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.405 ng

RT: 26.21 min Scan# 3040

Delta R.T. 0.01 min

Lab File: BE097688.D

Acq: 26 Sep 2018 17:15

Instrument :

BNA_E

ClientSampleId :

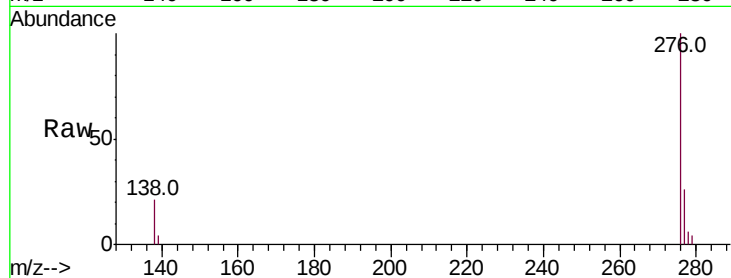
Tot Ion:276 Resp: 8231

Ion Ratio Lower Upper

276 100

277 25.5 16.0 24.0#

138 21.2 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

