

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097745.D
 Acq On : 5 Oct 2018 8:44
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 05 14:03:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3323	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	13658	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7904	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	21141	0.40	ng	0.00
27) Chrysene-d12	21.49	240	27233	0.40	ng	0.00
34) Perylene-d12	24.04	264	24091	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3003	0.38	ng	0.00
5) Phenol-d6	7.05	99	4468	0.37	ng	0.00
8) Nitrobenzene-d5	9.04	82	2777	0.63	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8328	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	613	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	12605	0.36	ng	-0.02
25) Fluoranthene-d10	19.33	212	102339	0.38	ng	0.00
29) Terphenyl-d14	19.93	244	21389	0.38	ng	0.00

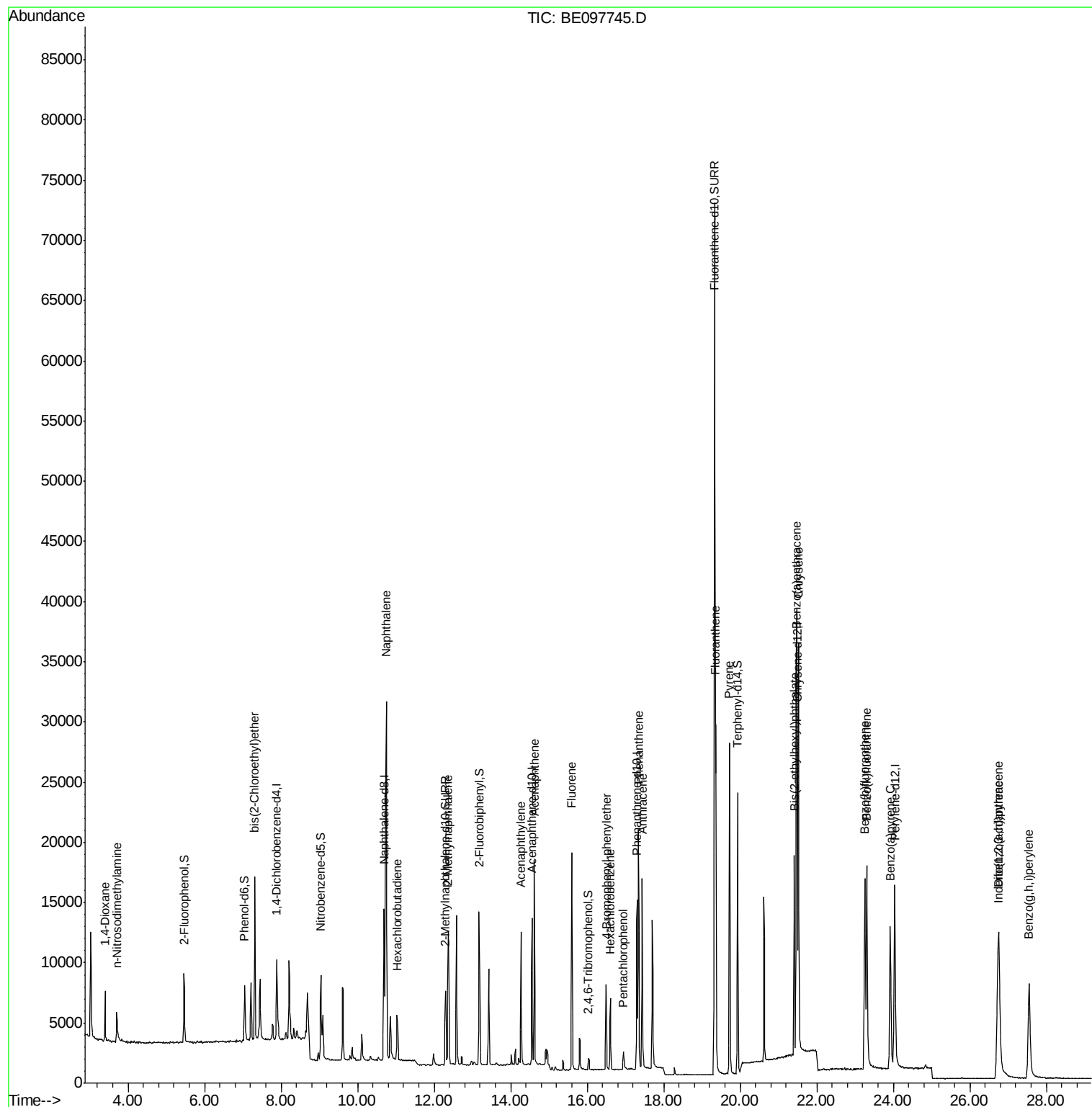
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	2403	0.363	ng	96
3) n-Nitrosodimethylamine	3.71	42	1969	0.327	ng	91
6) bis(2-Chloroethyl)ether	7.31	93	4655	0.373	ng	97
9) Naphthalene	10.74	128	51746	0.376	ng	99
10) Hexachlorobutadiene	11.03	225	2822	0.386	ng	96
12) 2-Methylnaphthalene	12.37	142	8273	0.376	ng	99
16) Acenaphthylene	14.27	152	12365	0.353	ng	99
17) Acenaphthene	14.62	154	8200	0.366	ng	99
18) Fluorene	15.59	166	11063	0.372	ng	99
20) 4-Bromophenyl-phenylether	16.50	248	4177	0.377	ng	89
21) Hexachlorobenzene	16.60	284	4646	0.372	ng	97
22) Pentachlorophenol	16.94	266	1016	0.519	ng	93
23) Phenanthrene	17.34	178	20652	0.379	ng	99
24) Anthracene	17.43	178	16953	0.361	ng	100
26) Fluoranthene	19.36	202	26314	0.379	ng	99
28) Pyrene	19.72	202	26887	0.389	ng	100
30) Benzo(a)anthracene	21.46	228	28306	0.387	ng	98
31) Chrysene	21.52	228	31911	0.390	ng	98
32) Bis(2-ethylhexyl)phthalate	21.41	149	21473	0.401	ng	99
33) Indeno(1,2,3-cd)pyrene	26.73	276	24635	0.347	ng	# 89
35) Benzo(b)fluoranthene	23.25	252	24571	0.372	ng	100
36) Benzo(k)fluoranthene	23.30	252	28282	0.386	ng	99
37) Benzo(a)pyrene	23.92	252	22444	0.375	ng	98
38) Dibenzo(a,h)anthracene	26.76	278	20641	0.350	ng	98
39) Benzo(g,h,i)perylene	27.55	276	21859	0.354	ng	100

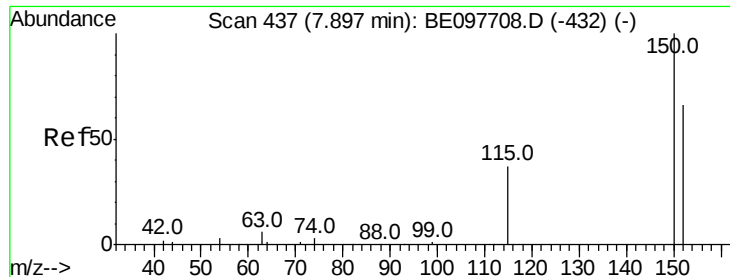
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
Data File : BE097745.D
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Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Oct 05 14:03:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Instrument :

BNA_E

ClientSampleId :

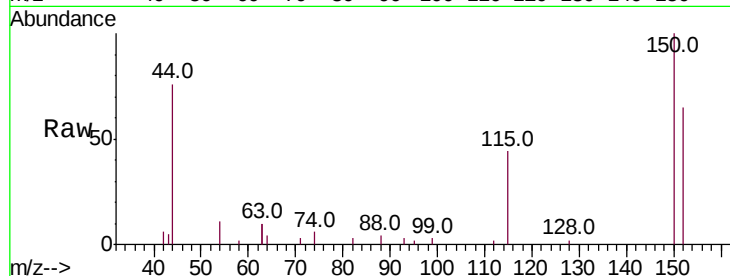
Tot Ion:152 Resp: 3323

Ion Ratio Lower Upper

152 100

150 153.8 120.9 181.3

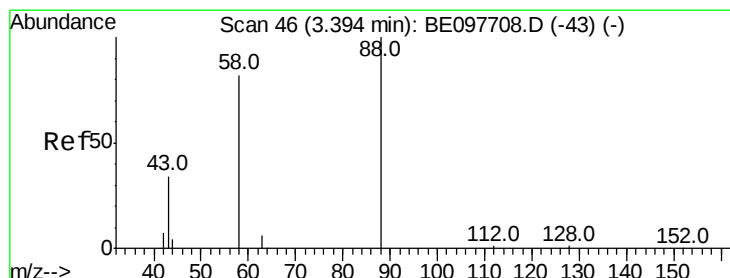
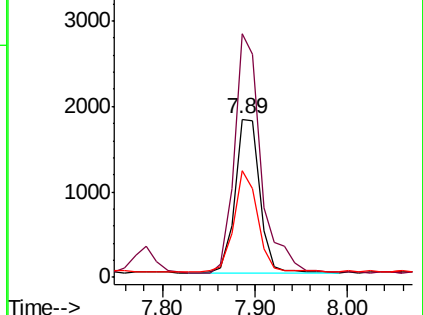
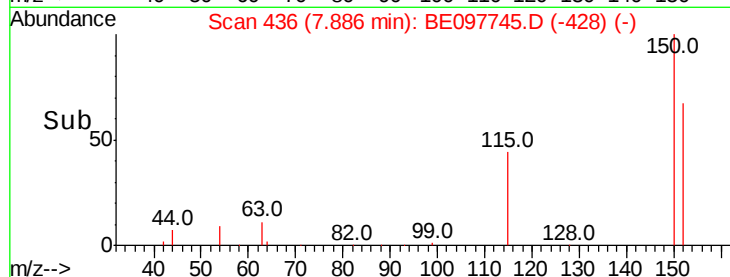
115 67.7 46.6 69.8



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: 0.363 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

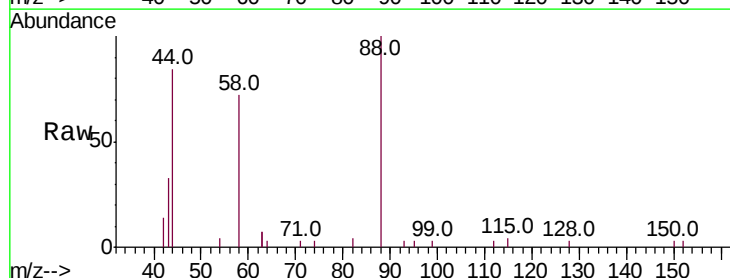
Tgt Ion: 88 Resp: 2403

Ion Ratio Lower Upper

88 100

58 91.1 70.8 106.2

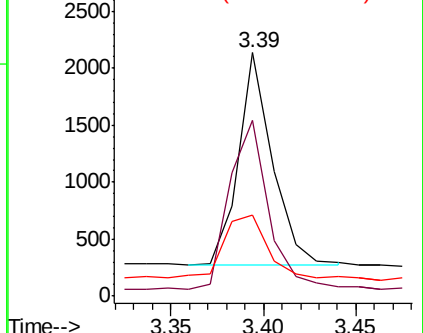
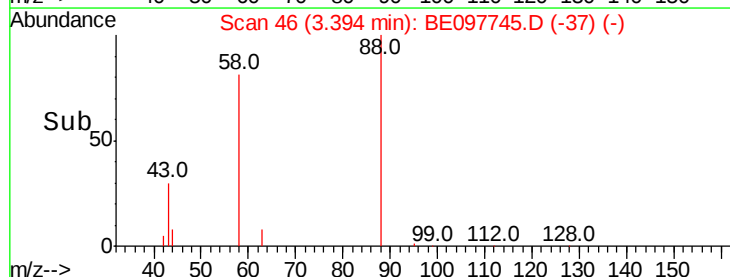
43 38.0 33.3 49.9

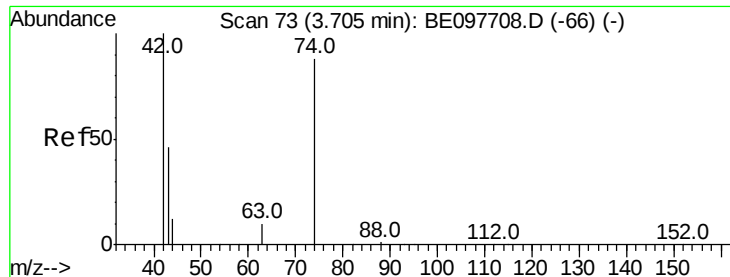


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



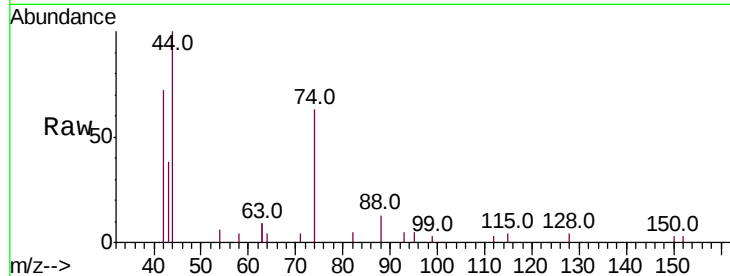


#3

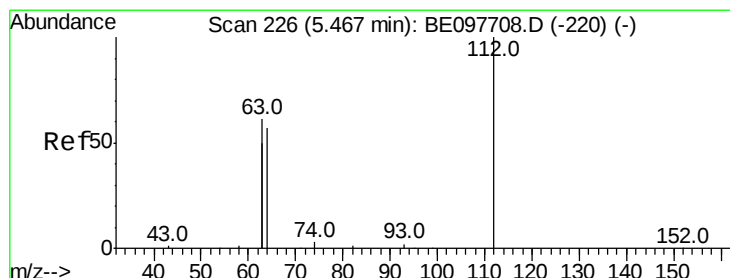
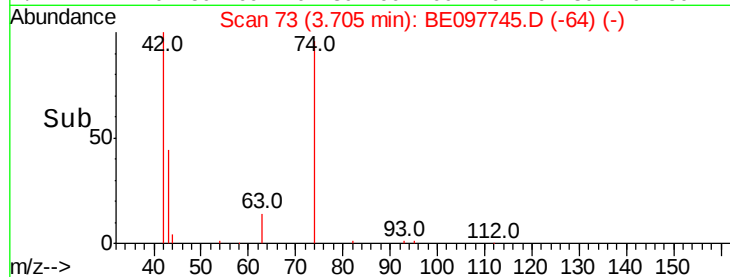
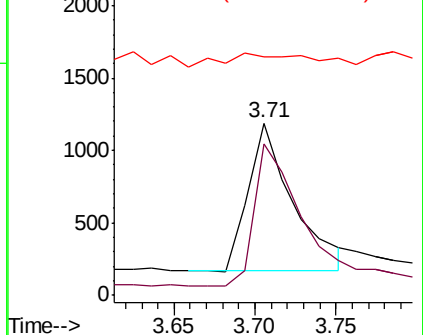
n-Nitrosodimethylamine
 Concen: 0.327 ng
 RT: 3.71 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: BE097745.D
 Acq: 5 Oct 2018 8:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 1969
 Ion Ratio Lower Upper
 42 100
 74 97.5 70.7 106.1
 44 15.4 15.0 22.4



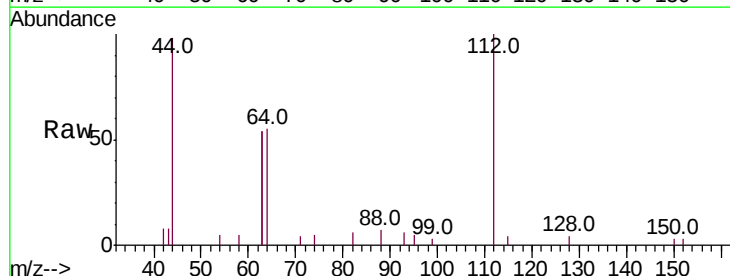
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



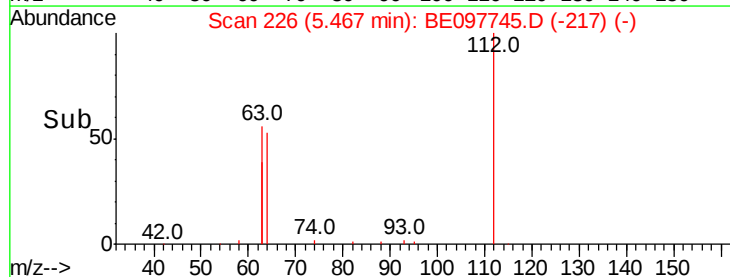
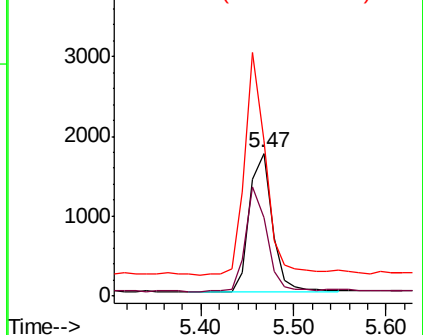
#4

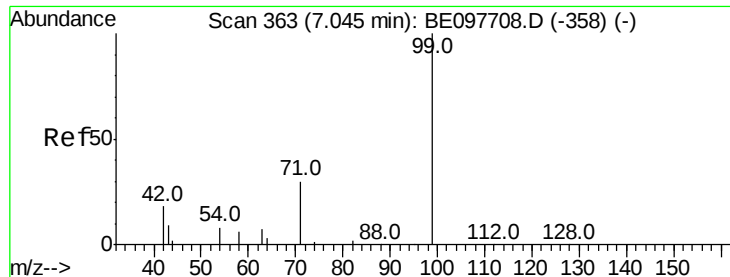
2-Fluorophenol
 Concen: 0.382 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BE097745.D
 Acq: 5 Oct 2018 8:44

Tgt Ion: 112 Resp: 3003
 Ion Ratio Lower Upper
 112 100
 64 70.4 56.6 84.8
 63 148.6 119.4 179.0



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: 0.371 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Instrument :

BNA_E

ClientSampleId :

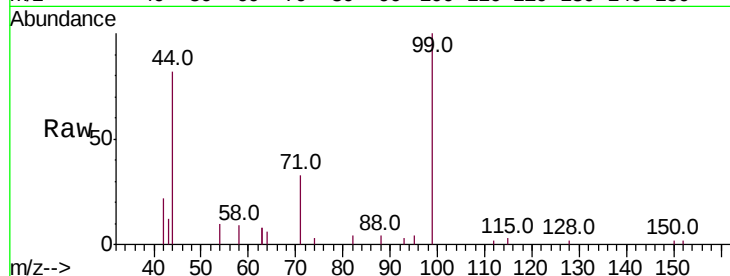
Tot Ion: 99 Resp: 4468

Ion Ratio Lower Upper

99 100

42 27.4 19.9 29.9

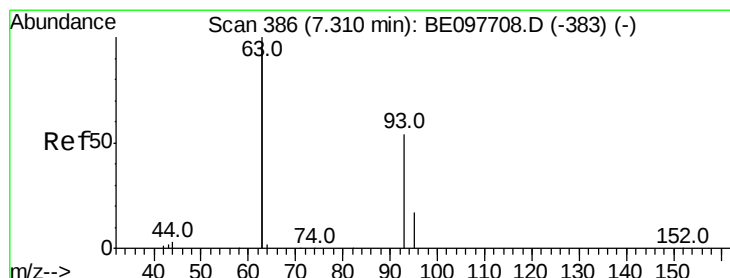
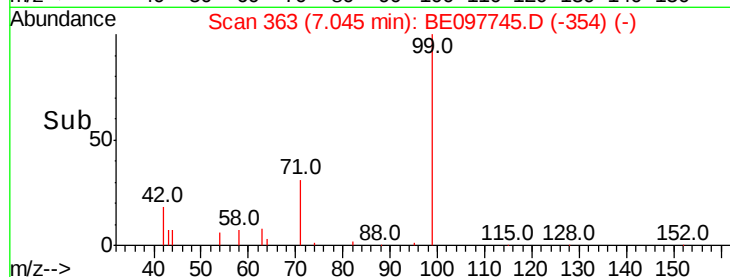
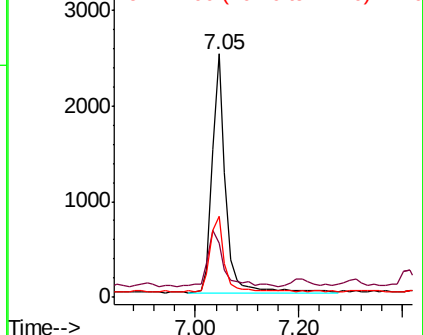
71 33.8 25.4 38.2



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: 0.373 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

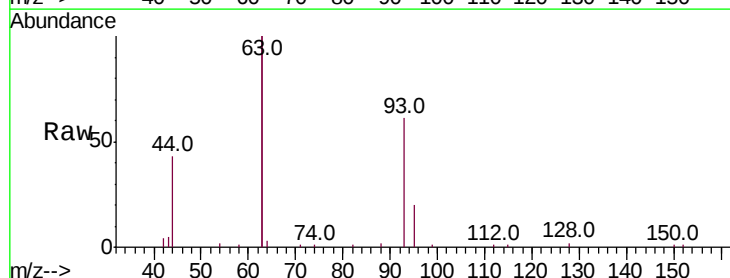
Tgt Ion: 93 Resp: 4655

Ion Ratio Lower Upper

93 100

63 326.5 266.9 400.3

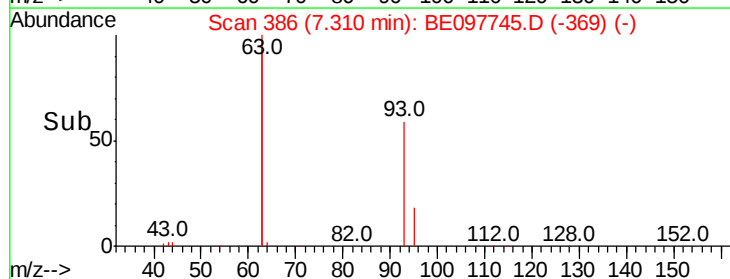
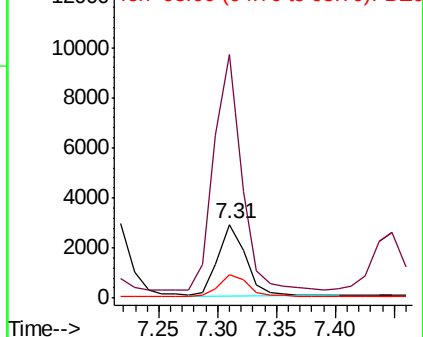
95 31.6 26.2 39.2

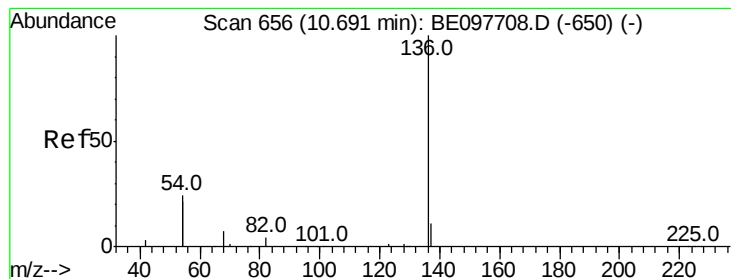


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13658

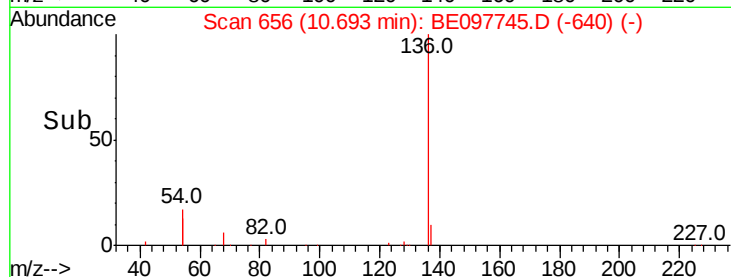
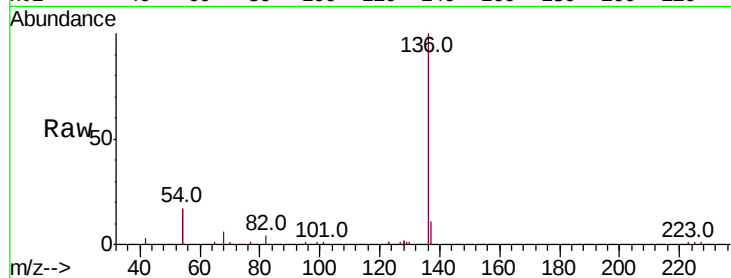
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 33.5 37.8 56.6#

68 6.3 6.4 9.6#



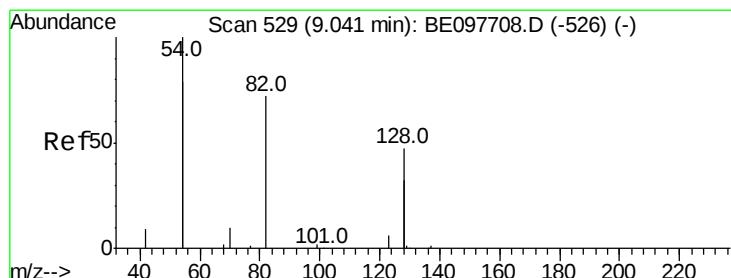
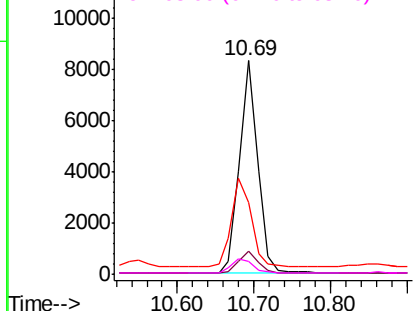
Abundance

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: 0.626 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

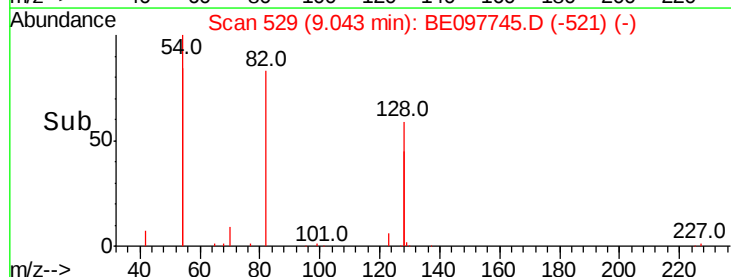
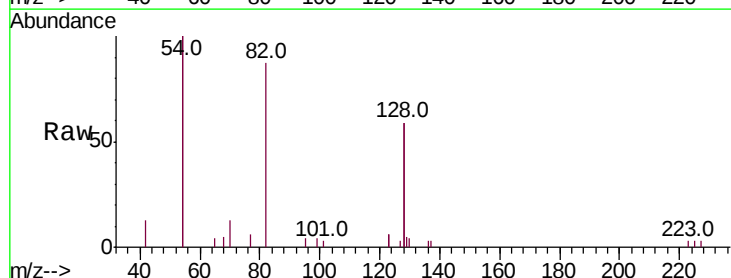
Tgt Ion: 82 Resp: 2777

Ion Ratio Lower Upper

82 100

128 135.8 97.0 145.4

54 230.1 206.9 310.3

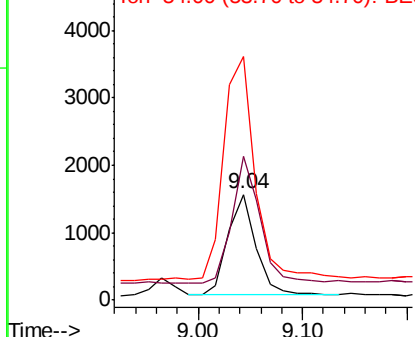


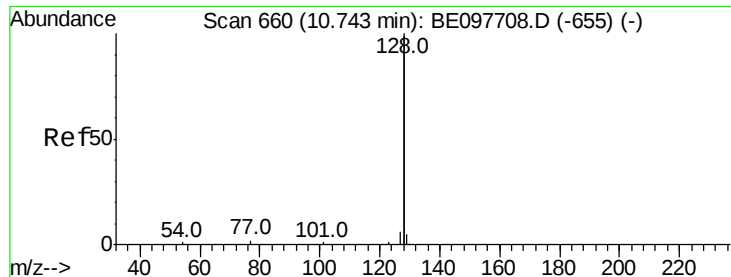
Abundance

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: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Instrument :

BNA_E

ClientSampleId :

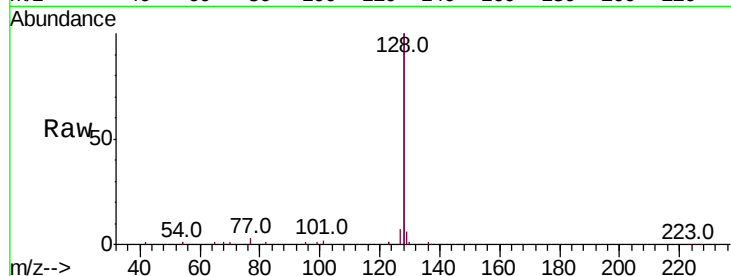
Tot Ion:128 Resp: 51746

Ion Ratio Lower Upper

128 100

129 3.1 2.2 3.2

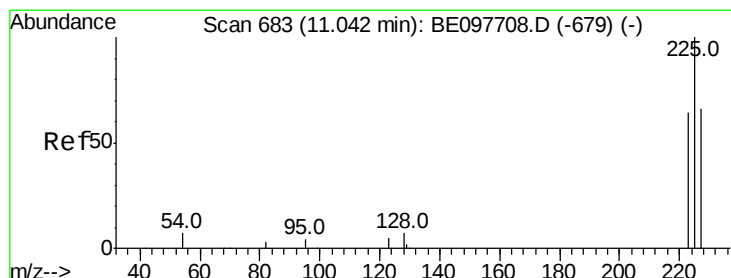
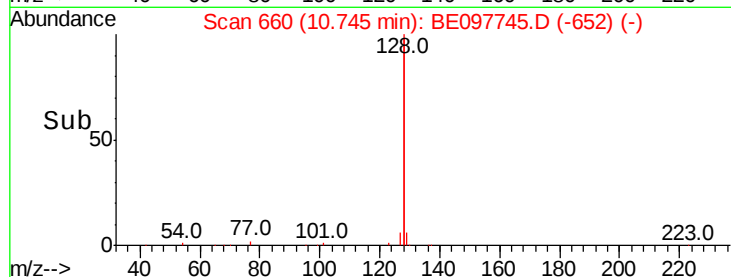
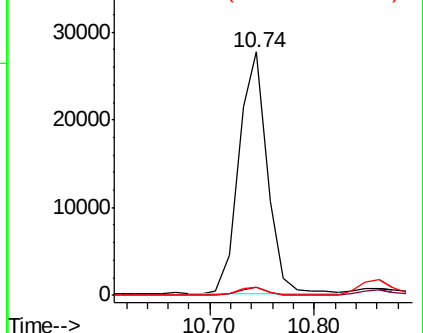
127 3.4 2.7 4.1



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: 0.386 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.01 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

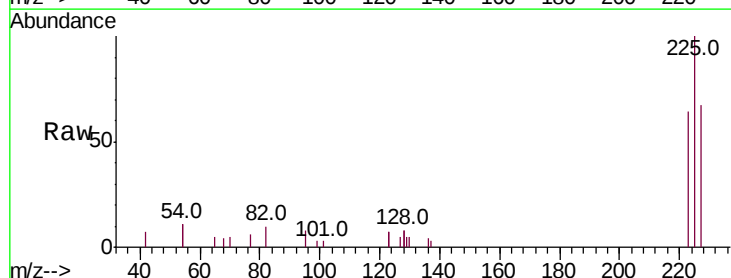
Tgt Ion:225 Resp: 2822

Ion Ratio Lower Upper

225 100

223 60.3 52.2 78.4

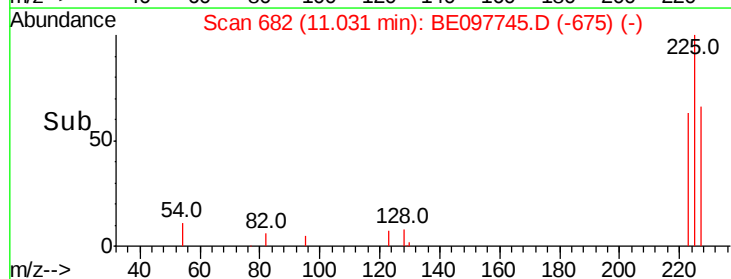
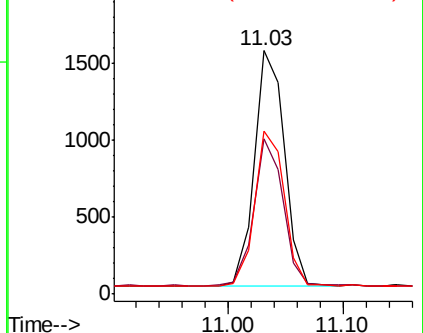
227 65.5 51.2 76.8

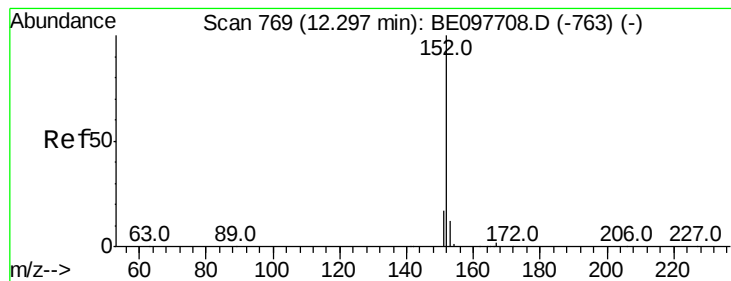


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

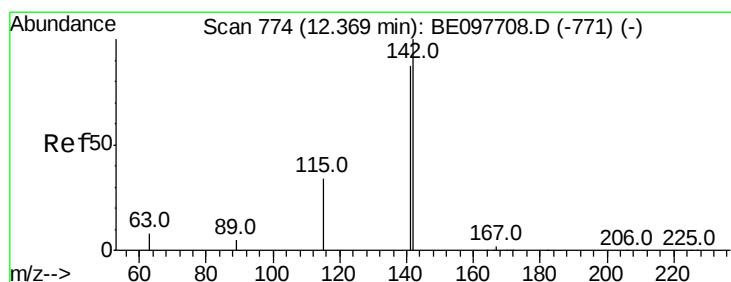
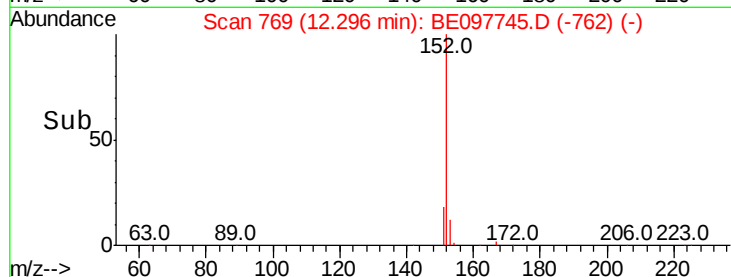
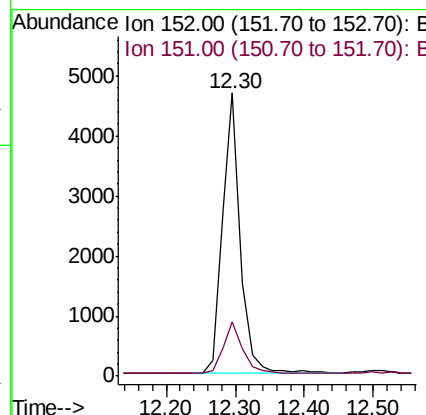
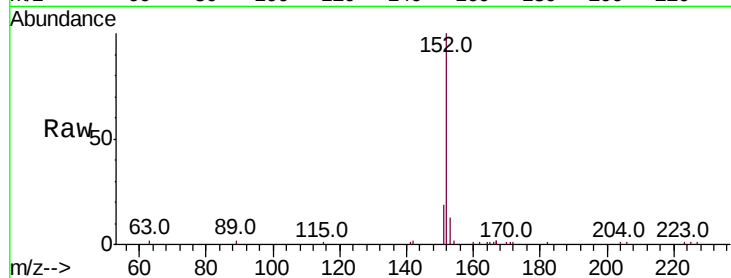




#11
 2-Methylnaphthalene-d10
 Concen: 0.383 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097745.D
 Acq: 5 Oct 2018 8:44

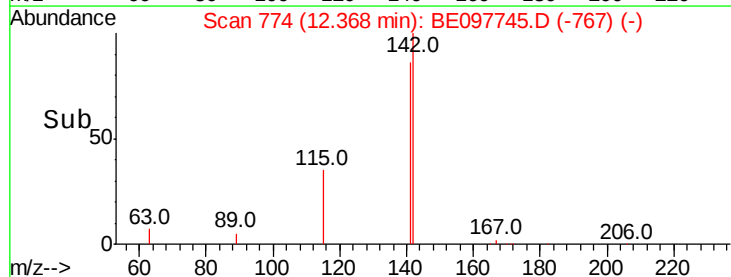
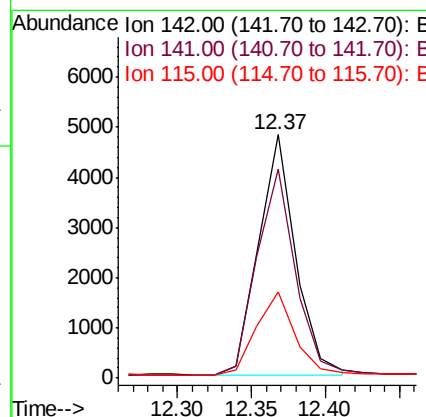
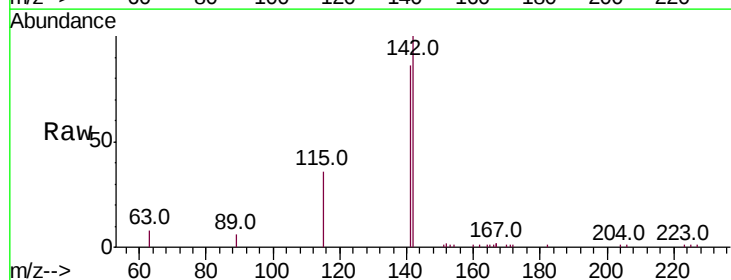
Instrument :
 BNA_E
 ClientSampleId :

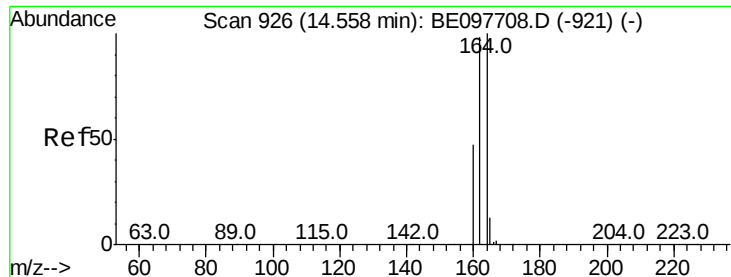
Tot Ion:152 Resp: 8328
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.376 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097745.D
 Acq: 5 Oct 2018 8:44

Tgt Ion:142 Resp: 8273
 Ion Ratio Lower Upper
 142 100
 141 86.1 69.4 104.2
 115 35.6 28.0 42.0

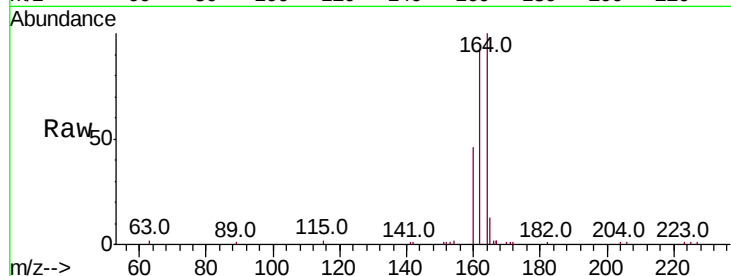




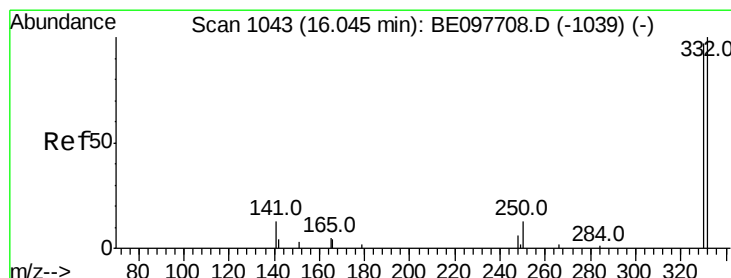
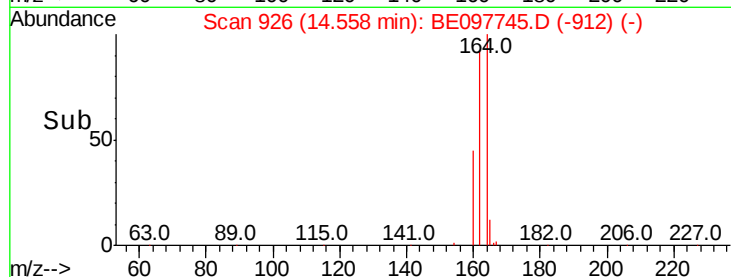
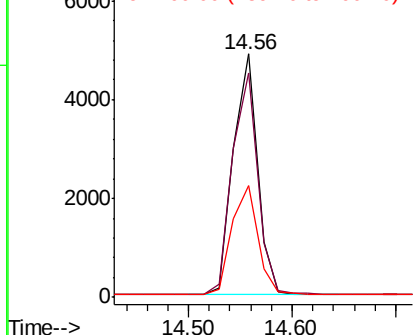
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097745.D
Acq: 5 Oct 2018 8:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 7904
Ion Ratio Lower Upper
164 100
162 92.0 78.6 117.8
160 45.7 37.8 56.6

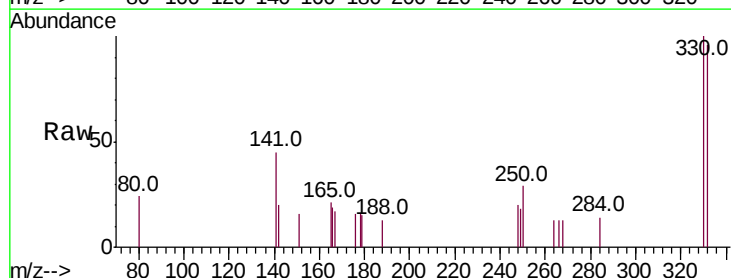


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

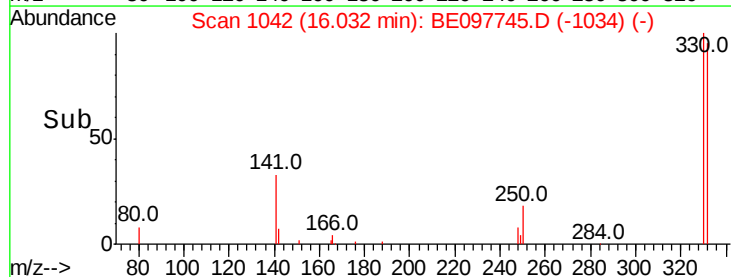
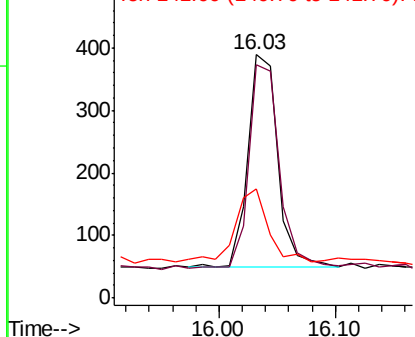


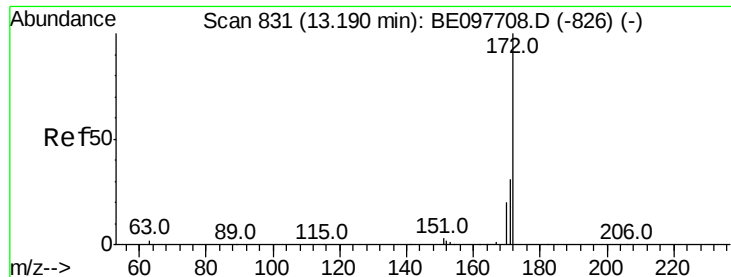
#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097745.D
Acq: 5 Oct 2018 8:44

Tgt Ion:330 Resp: 613
Ion Ratio Lower Upper
330 100
332 98.7 83.5 125.3
141 37.8 34.9 52.3



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

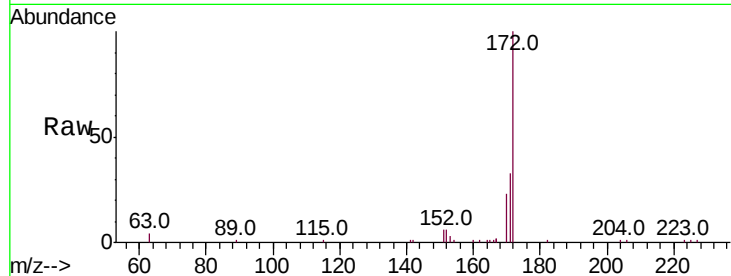




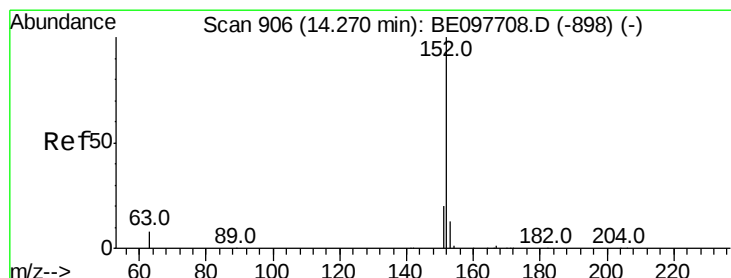
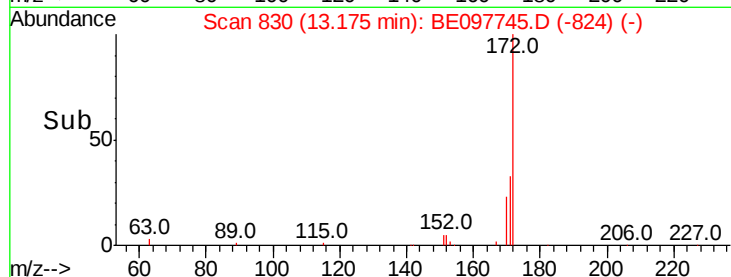
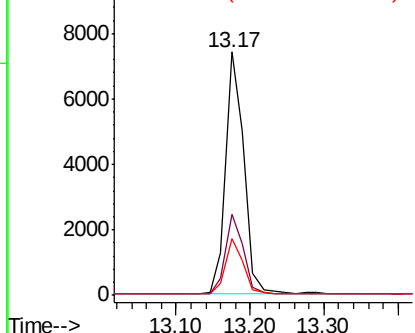
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097745.D
Acq: 5 Oct 2018 8:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12605
Ion Ratio Lower Upper
172 100
171 33.4 25.2 37.8
170 23.3 16.2 24.2

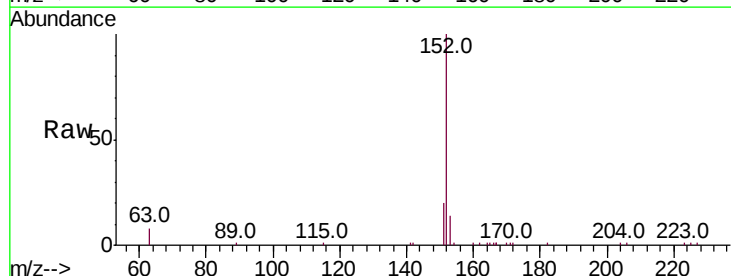


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

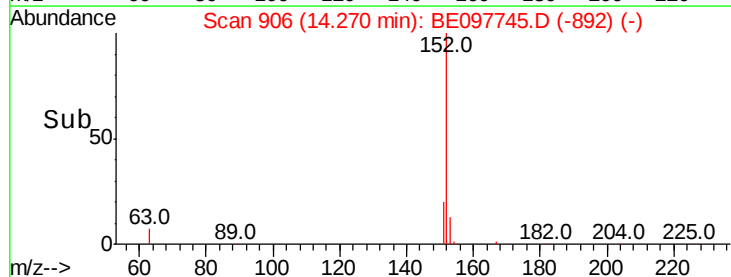
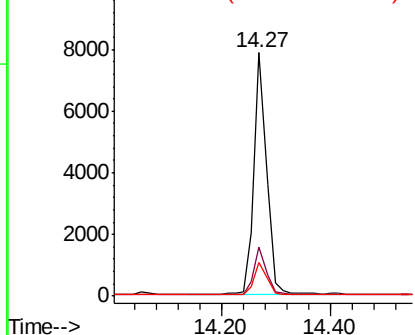


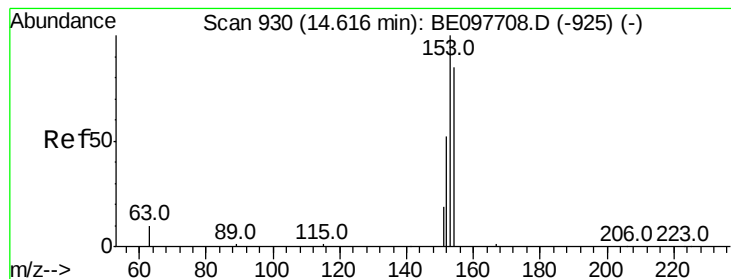
#16
Acenaphthylene
Concen: 0.353 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097745.D
Acq: 5 Oct 2018 8:44

Tgt Ion:152 Resp: 12365
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9
153 13.0 10.8 16.2



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: 0.366 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Instrument :

BNA_E

ClientSampleId :

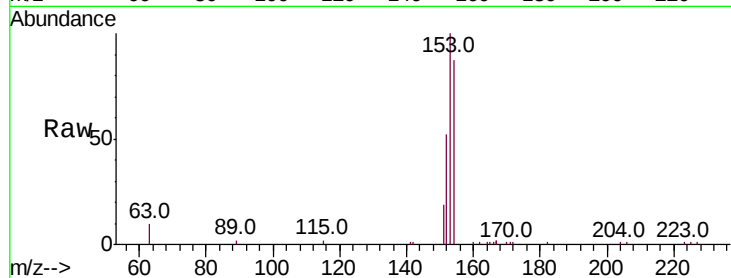
Tot Ion:154 Resp: 8200

Ion Ratio Lower Upper

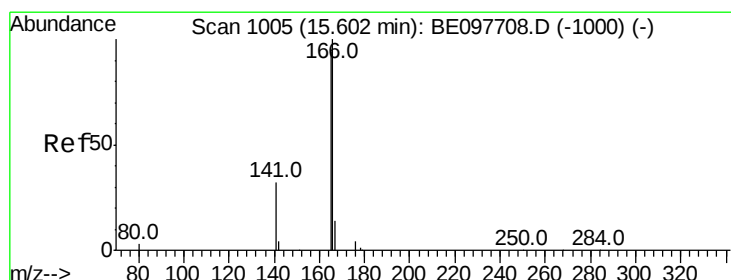
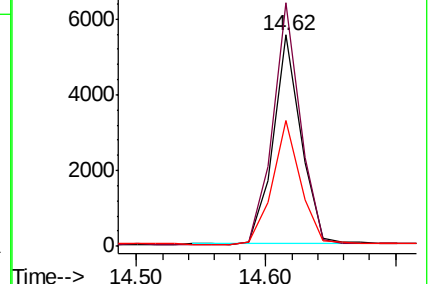
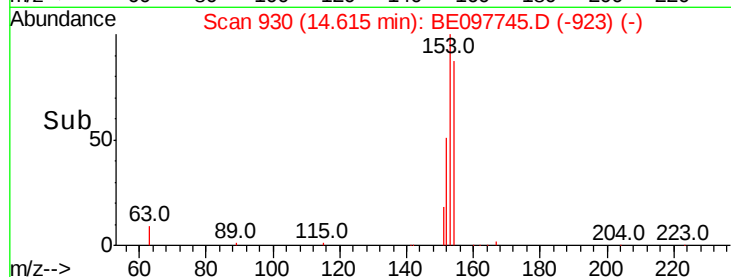
154 100

153 115.6 93.3 139.9

152 60.2 48.9 73.3



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: 0.372 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

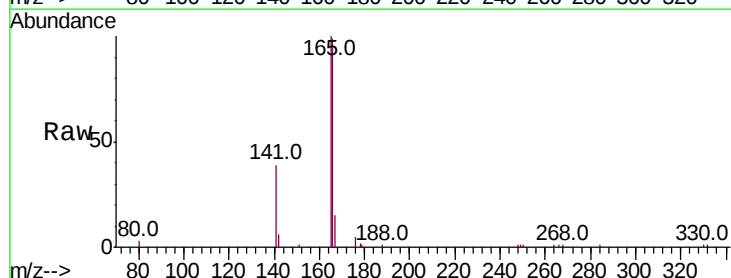
Tgt Ion:166 Resp: 11063

Ion Ratio Lower Upper

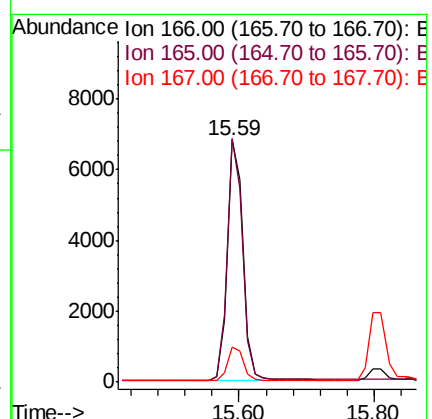
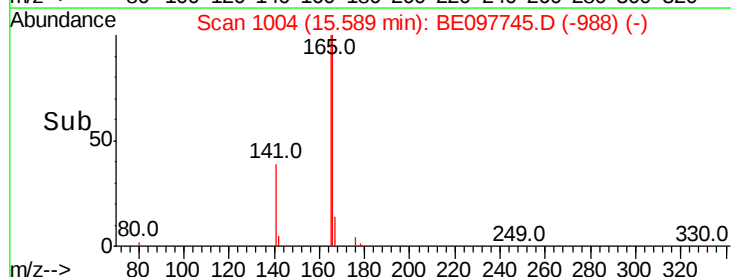
166 100

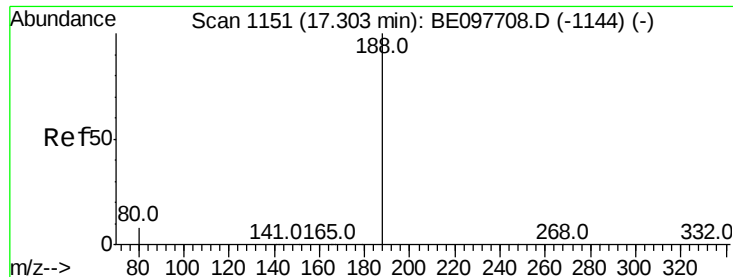
165 99.4 79.0 118.4

167 14.1 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

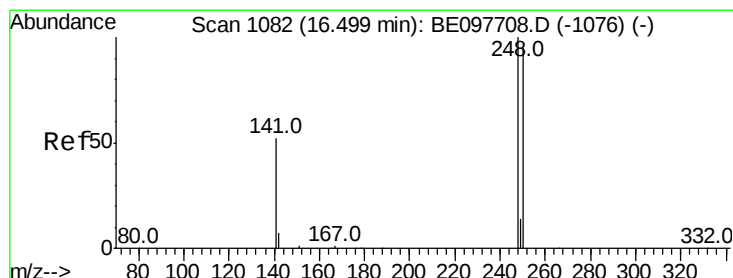
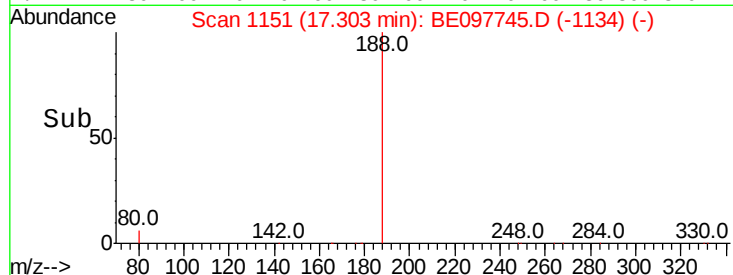
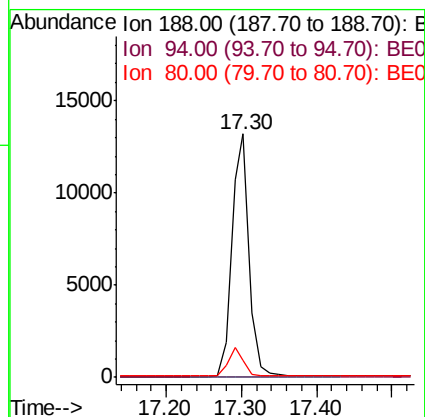
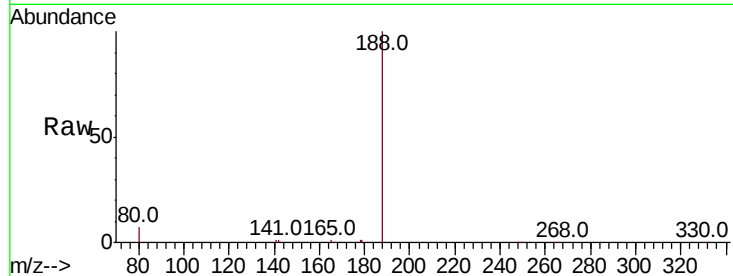




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097745.D
Acq: 5 Oct 2018 8:44

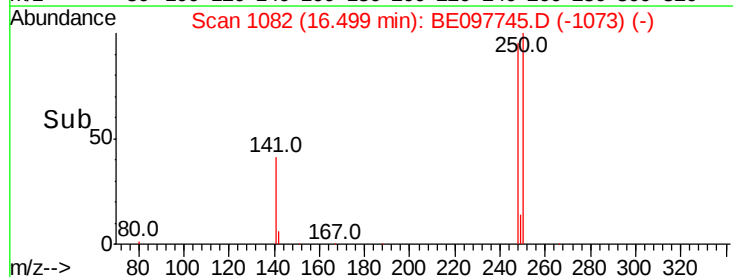
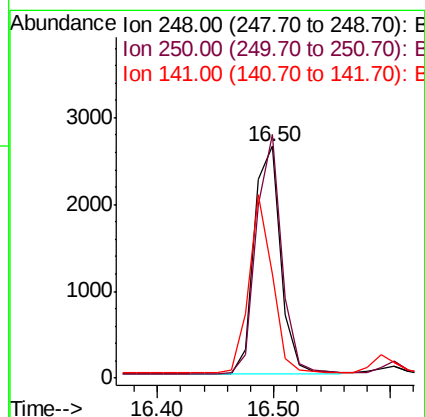
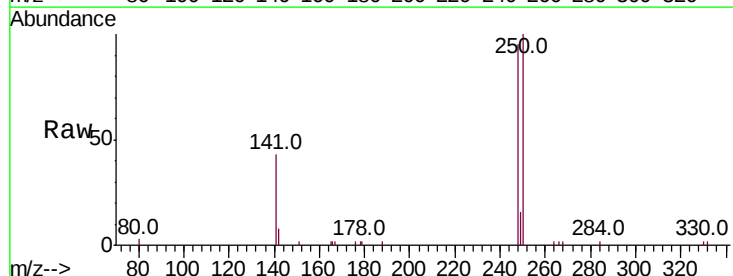
Instrument :
BNA_E
ClientSampleId :

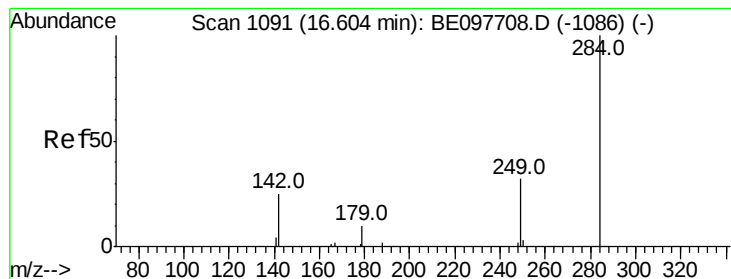
Tot Ion:188 Resp: 21141
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 6.6 9.8



#20
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.50 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BE097745.D
Acq: 5 Oct 2018 8:44

Tgt Ion:248 Resp: 4177
Ion Ratio Lower Upper
248 100
250 105.0 76.1 114.1
141 44.6 42.2 63.4





#21

Hexachlorobenzene

Concen: 0.372 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Instrument :

BNA_E

ClientSampleId :

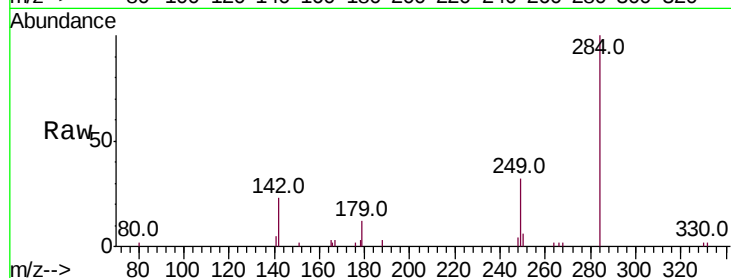
Tot Ion:284 Resp: 4646

Ion Ratio Lower Upper

284 100

142 33.6 24.9 37.3

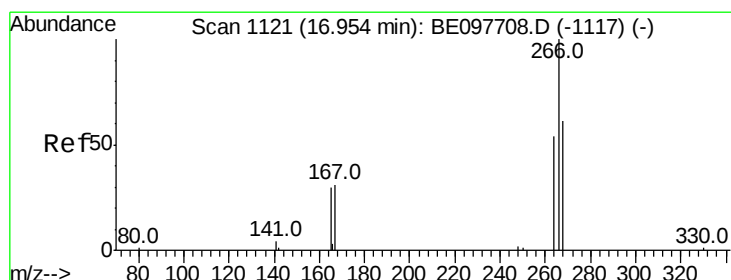
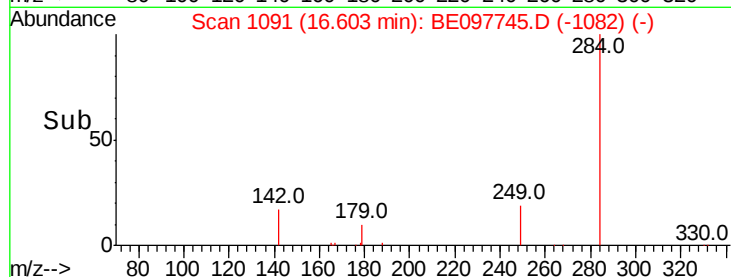
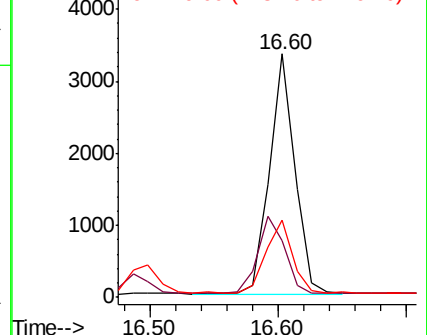
249 31.9 25.8 38.8



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: 0.519 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

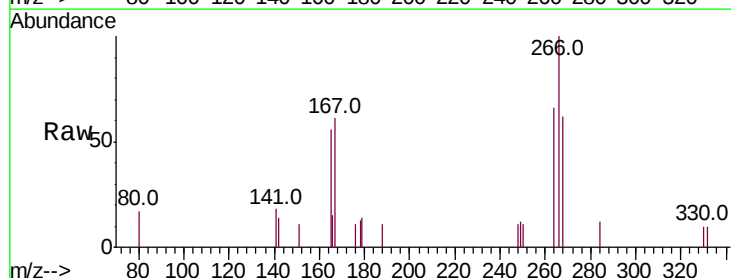
Tgt Ion:266 Resp: 1016

Ion Ratio Lower Upper

266 100

264 65.7 46.8 70.2

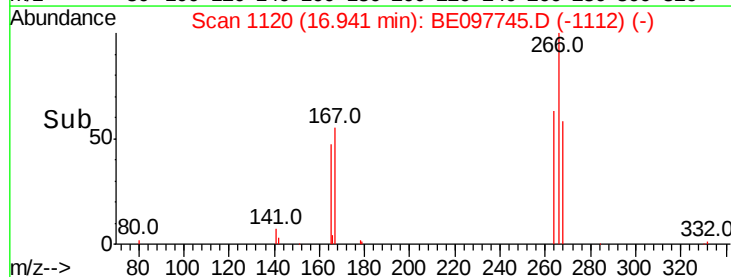
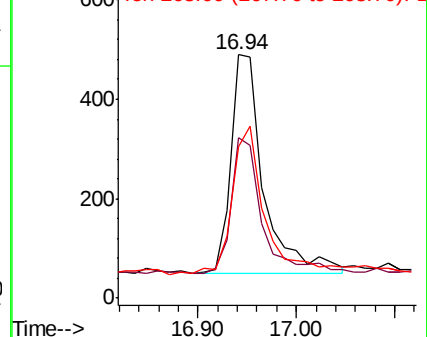
268 62.0 53.0 79.6

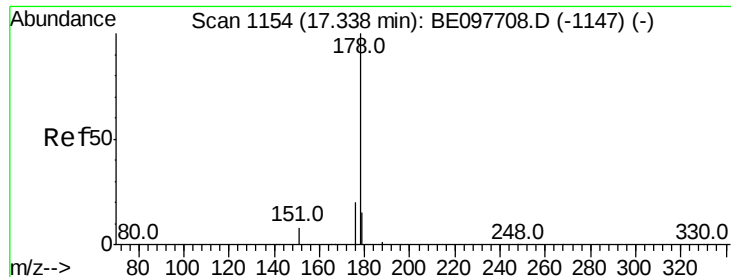


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.379 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Instrument :

BNA_E

ClientSampleId :

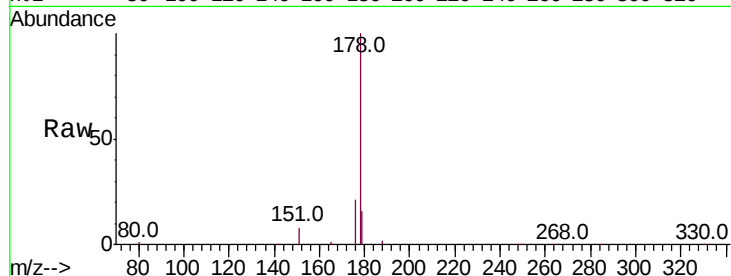
Tot Ion:178 Resp: 20652

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

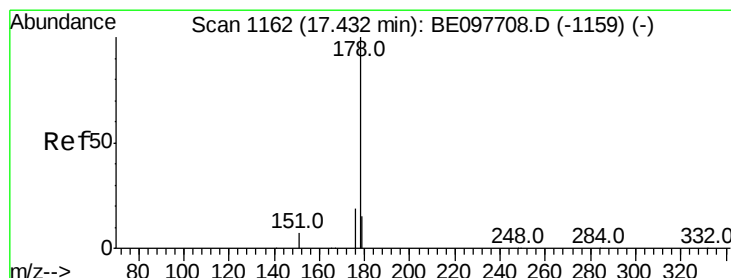
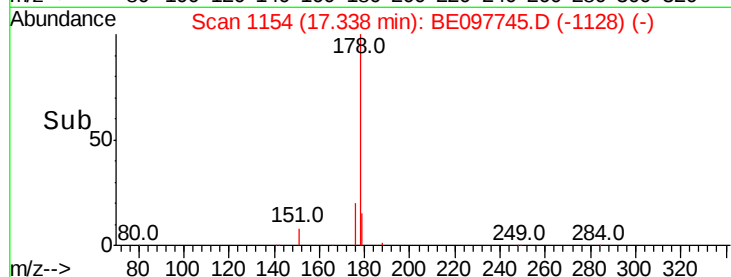
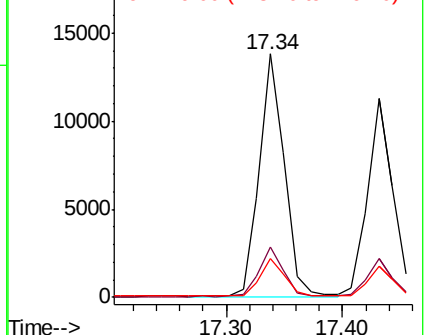
179 15.4 12.2 18.4



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: 0.361 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

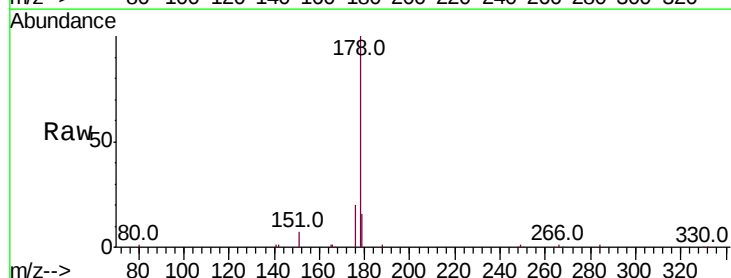
Tgt Ion:178 Resp: 16953

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

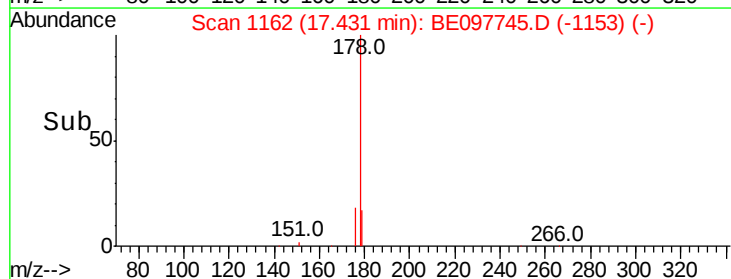
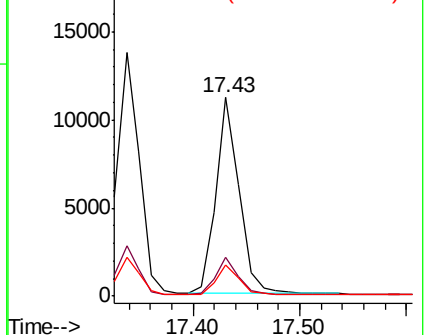
179 15.6 12.2 18.2

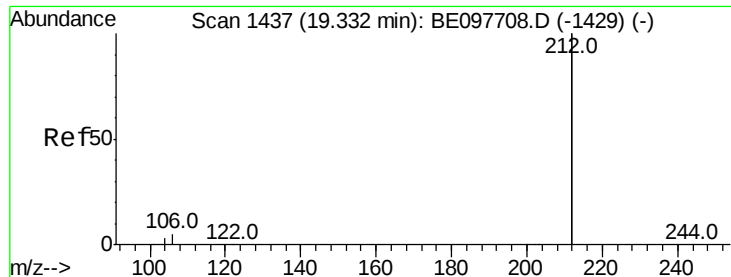


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

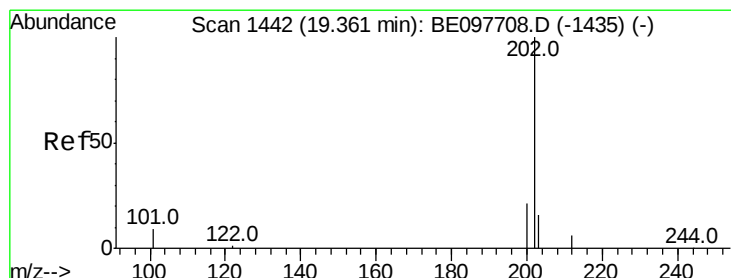
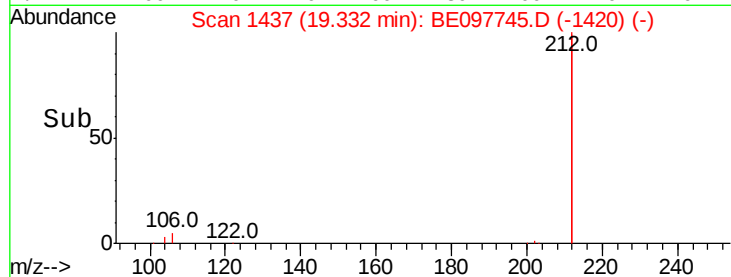
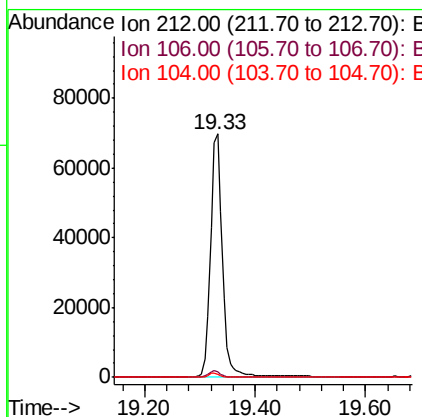
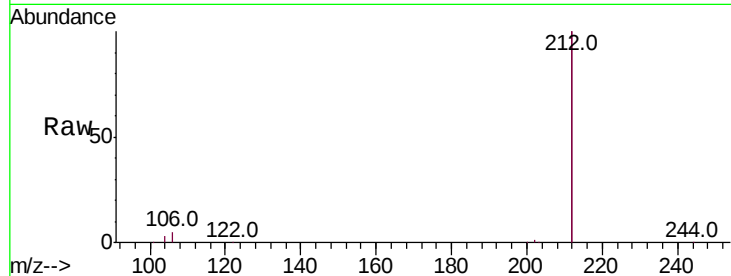




#25
 Fluoranthene-d10
 Concen: 0.382 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE097745.D
 Acq: 5 Oct 2018 8:44

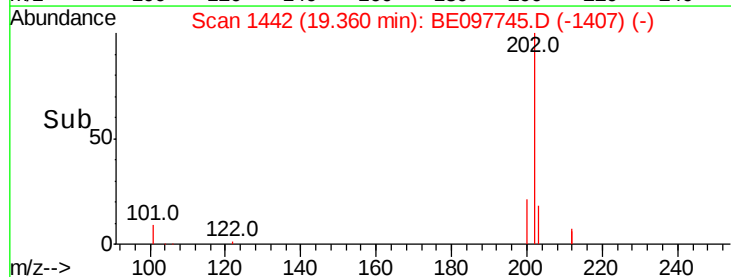
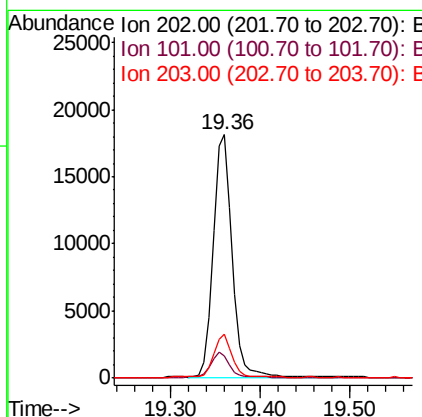
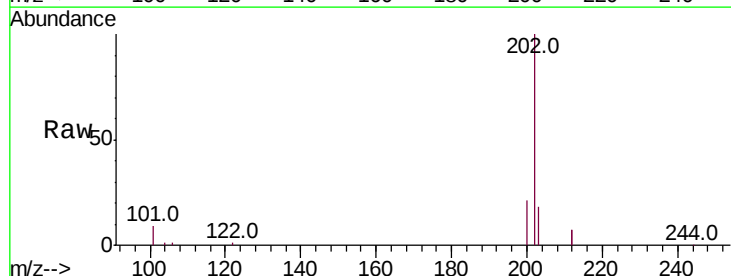
Instrument :
 BNA_E
 ClientSampleId :

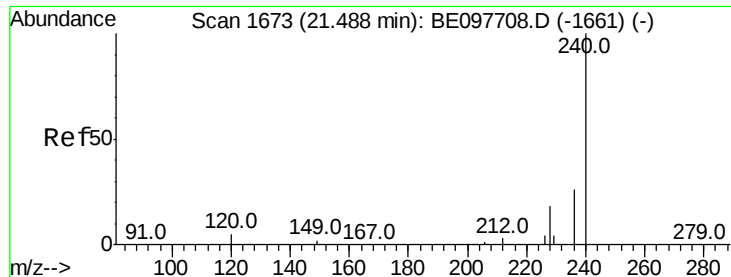
Tot Ion:212 Resp: 102339
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 0.379 ng
 RT: 19.36 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BE097745.D
 Acq: 5 Oct 2018 8:44

Tgt Ion:202 Resp: 26314
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.8 11.8
 203 16.8 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Instrument :

BNA_E

ClientSampleId :

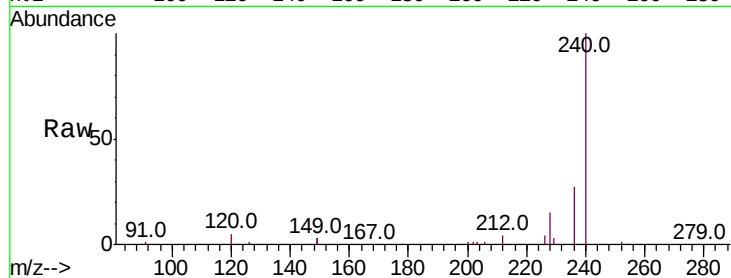
Tot Ion:240 Resp: 27233

Ion Ratio Lower Upper

240 100

120 4.6 4.7 7.1#

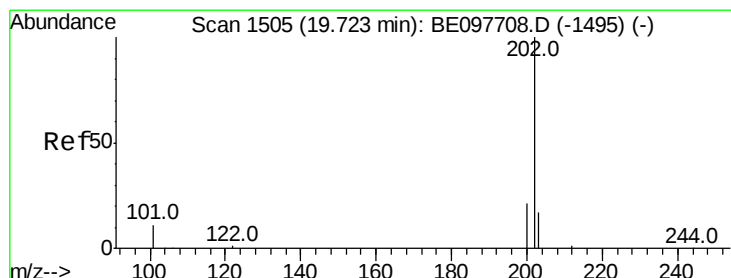
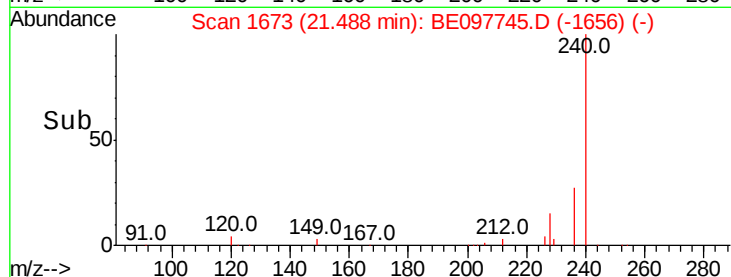
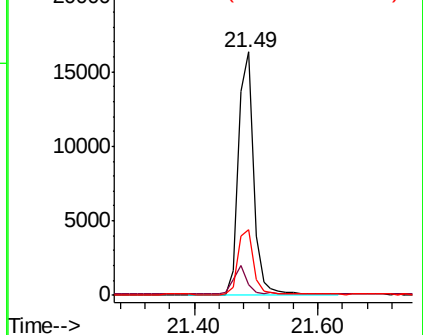
236 26.8 20.8 31.2



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: 0.389 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

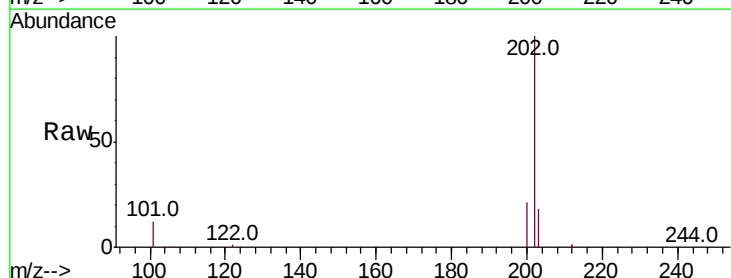
Tgt Ion:202 Resp: 26887

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

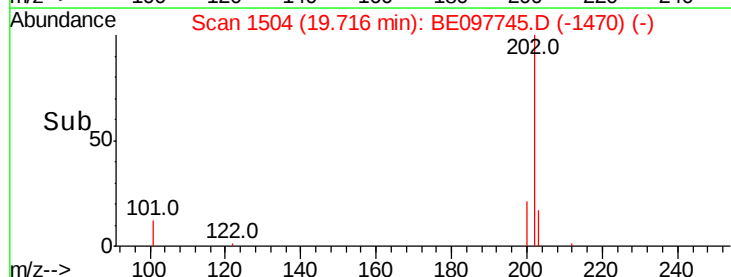
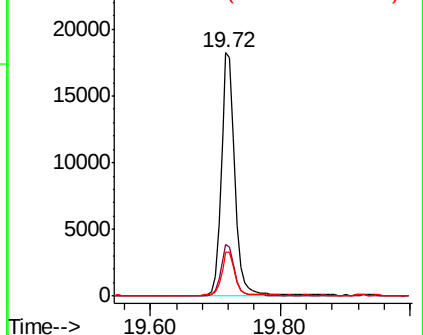
203 17.3 13.9 20.9

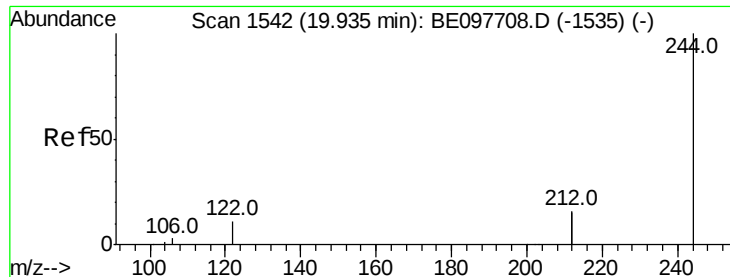


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

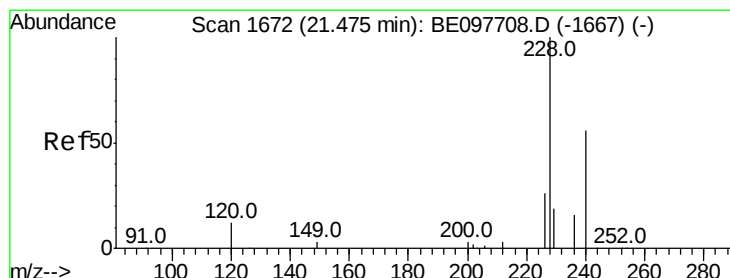
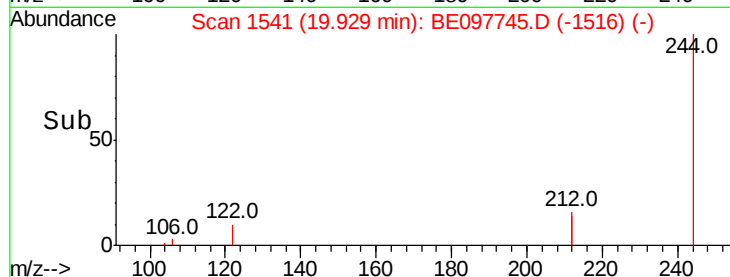
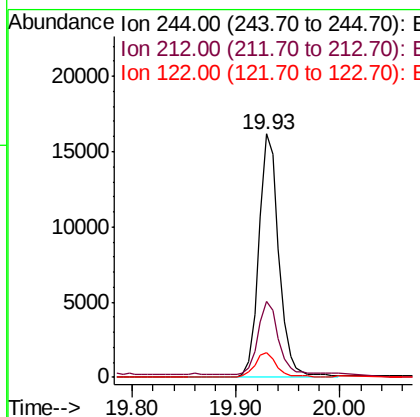
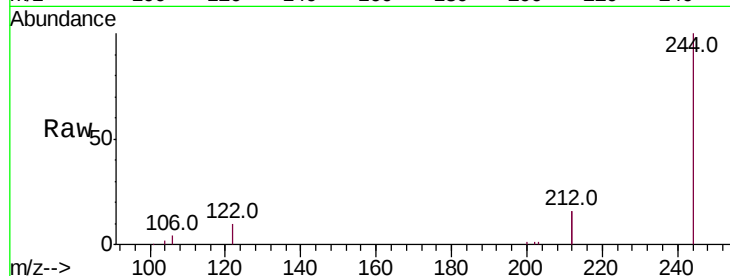




#29
 Terphenyl-d14
 Concen: 0.385 ng
 RT: 19.93 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BE097745.D
 Acq: 5 Oct 2018 8:44

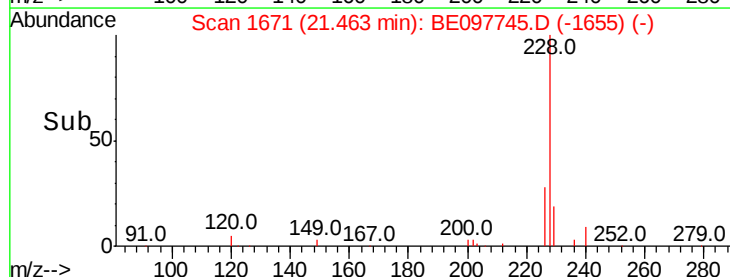
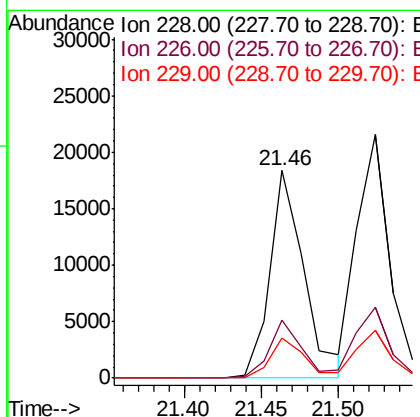
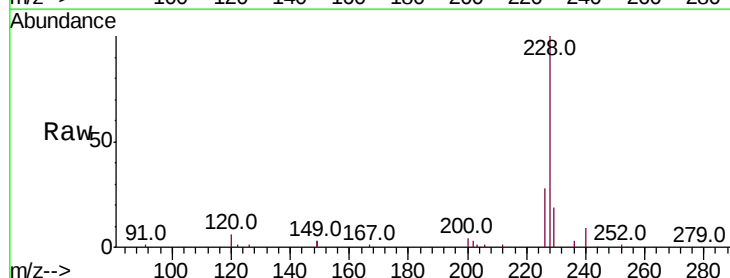
Instrument :
 BNA_E
 ClientSampleId :

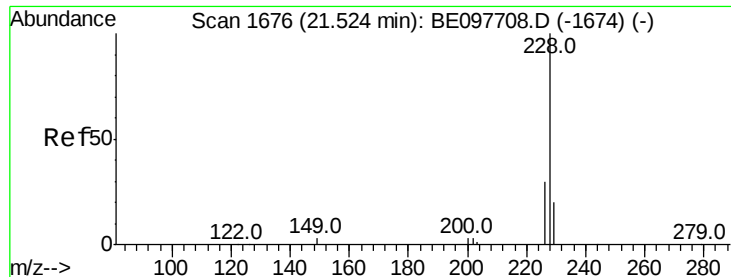
Tot Ion:244 Resp: 21389
 Ion Ratio Lower Upper
 244 100
 212 31.4 25.8 38.8
 122 10.1 8.7 13.1



#30
 Benzo(a)anthracene
 Concen: 0.387 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BE097745.D
 Acq: 5 Oct 2018 8:44

Tgt Ion:228 Resp: 28306
 Ion Ratio Lower Upper
 228 100
 226 27.8 20.7 31.1
 229 19.4 15.7 23.5





#31

Chrysene

Concen: 0.390 ng

RT: 21.52 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

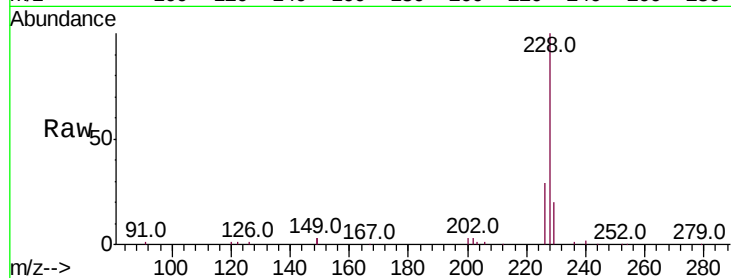
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 31911

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.3	36.5
229	19.6	16.0	24.0

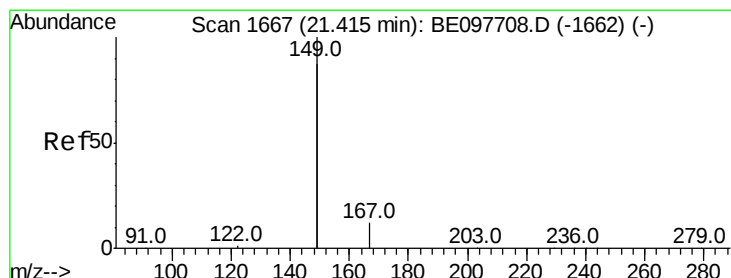
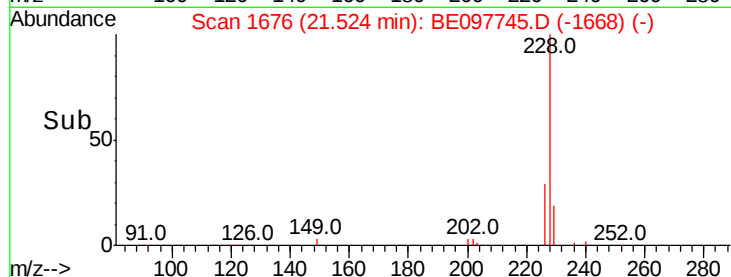
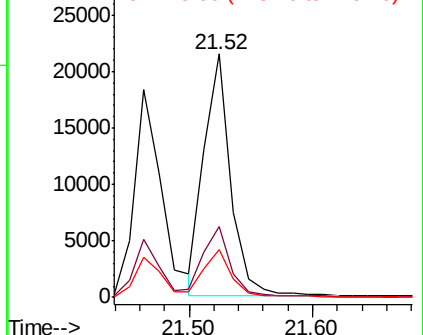


Abundance

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: 0.401 ng

RT: 21.41 min Scan# 1667

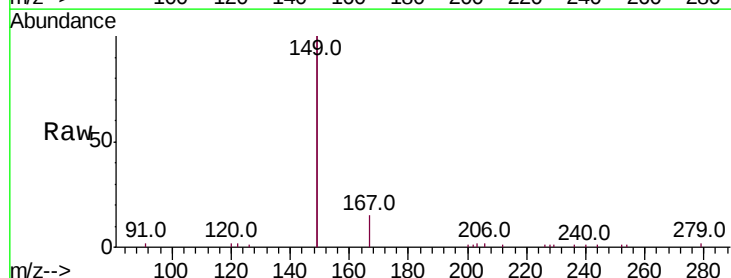
Delta R.T. 0.00 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Tgt Ion:149 Resp: 21473

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.5	8.3
279	0.9	0.9	1.3

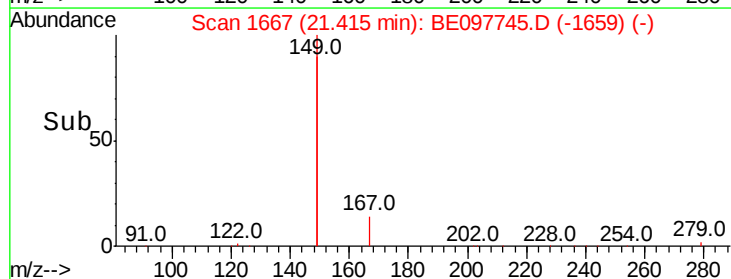
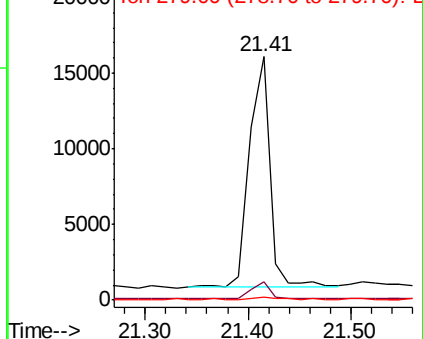


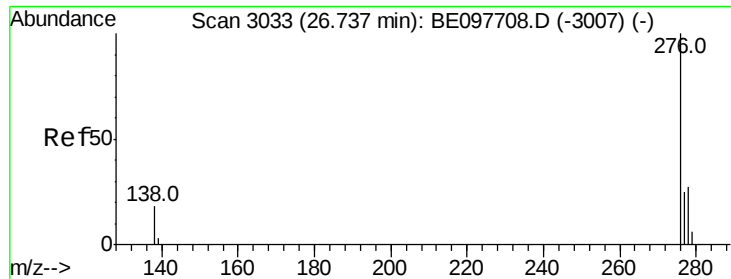
Abundance

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

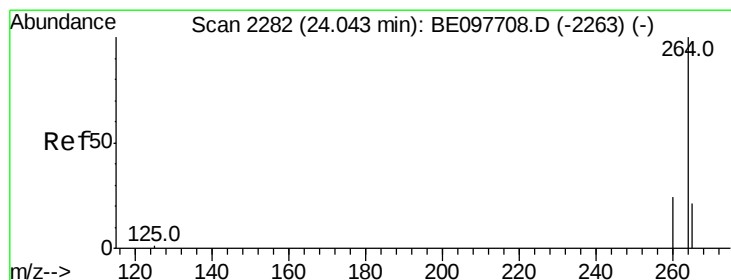
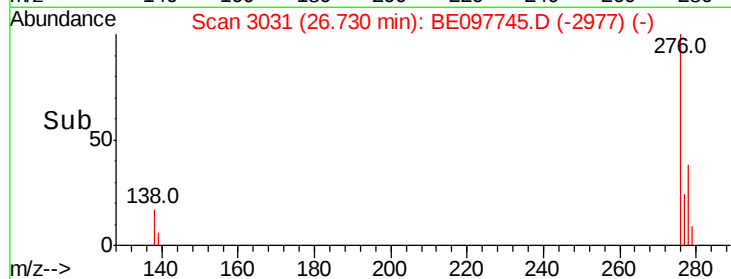
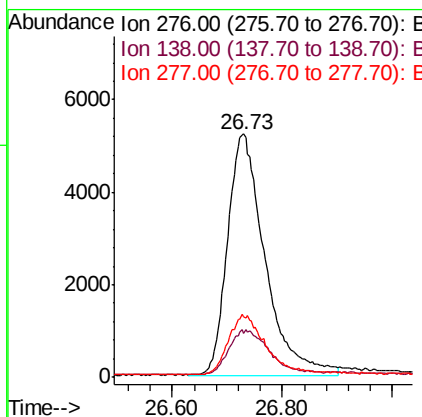
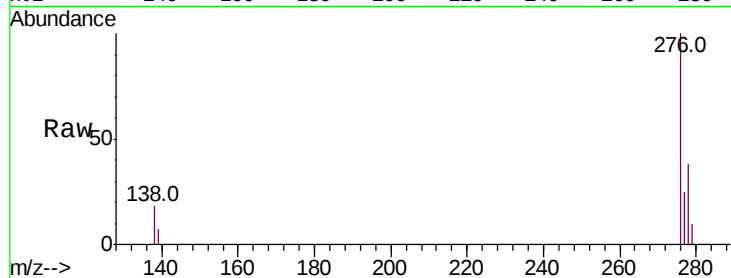




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.347 ng
 RT: 26.73 min Scan# 3031
 Delta R.T. -0.01 min
 Lab File: BE097745.D
 Acq: 5 Oct 2018 8:44

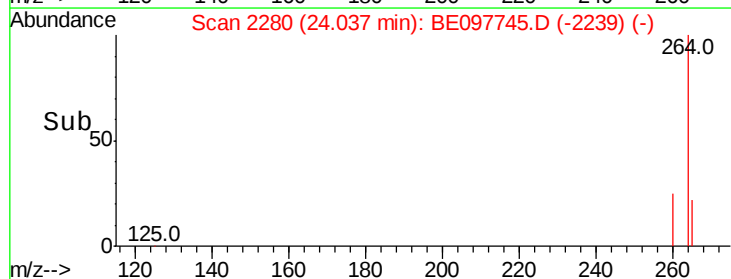
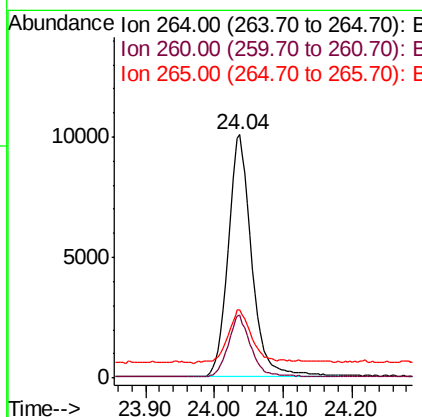
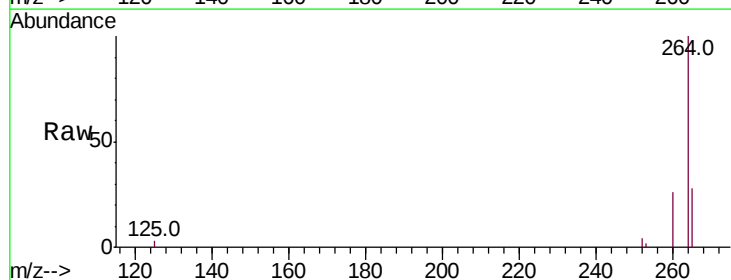
Instrument :
 BNA_E
 ClientSampleId :

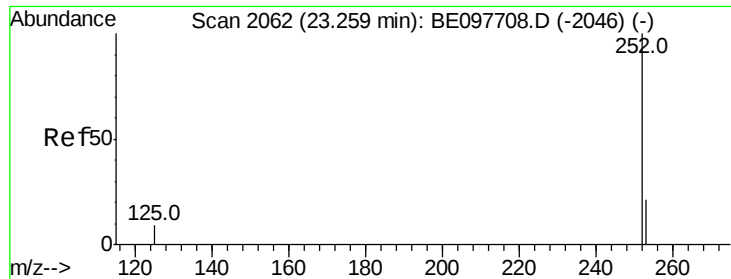
Tot Ion:276 Resp: 24635
 Ion Ratio Lower Upper
 276 100
 138 7.8 15.0 22.6#
 277 24.1 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.04 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BE097745.D
 Acq: 5 Oct 2018 8:44

Tgt Ion:264 Resp: 24091
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.1 28.7
 265 28.0 21.9 32.9

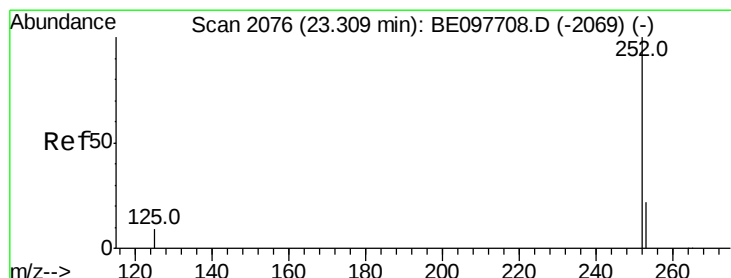
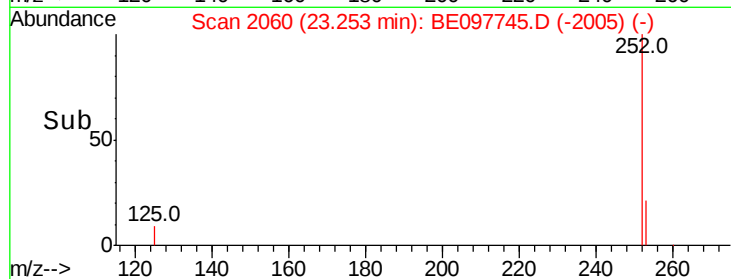
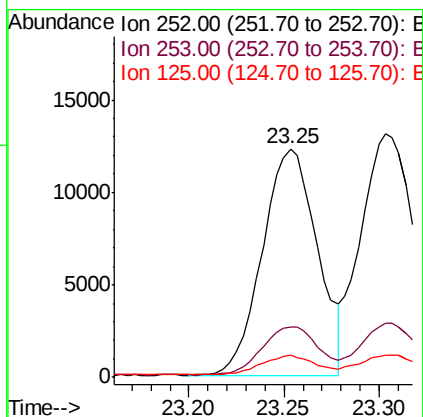
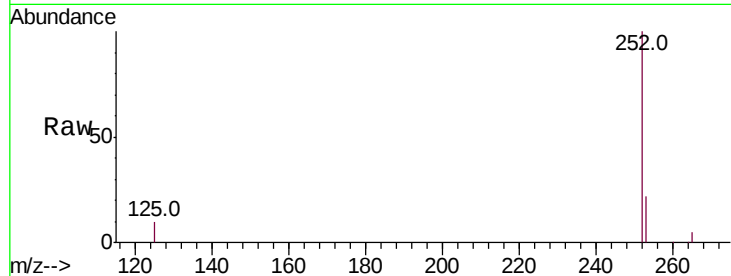




#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.25 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BE097745.D
Acq: 5 Oct 2018 8:44

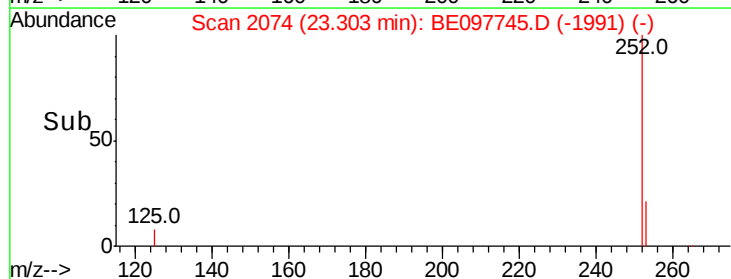
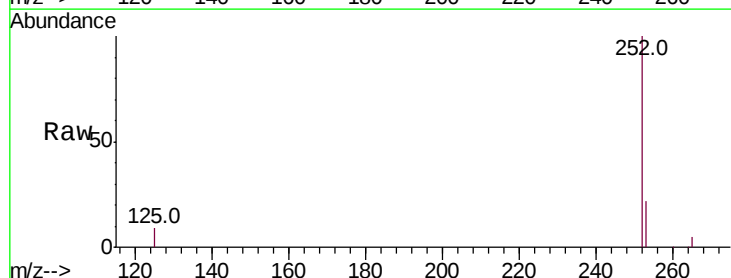
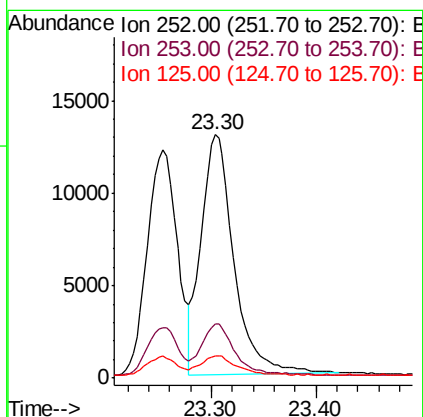
Instrument :
BNA_E
ClientSampleId :

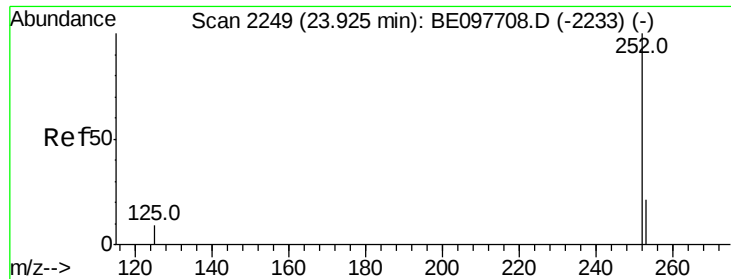
Tot Ion:252 Resp: 24571
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.6 7.8 11.8



#36
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 23.30 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE097745.D
Acq: 5 Oct 2018 8:44

Tgt Ion:252 Resp: 28282
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.2 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.92 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Instrument :

BNA_E

ClientSampleId :

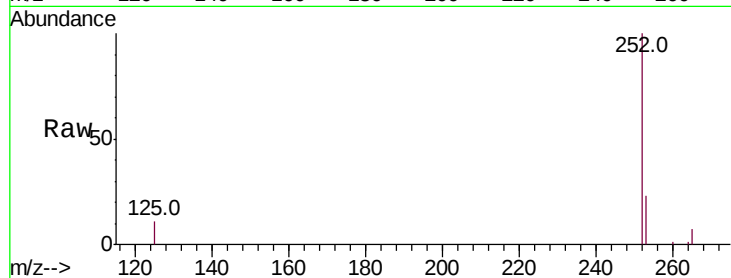
Tot Ion:252 Resp: 22444

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 11.0 8.3 12.5

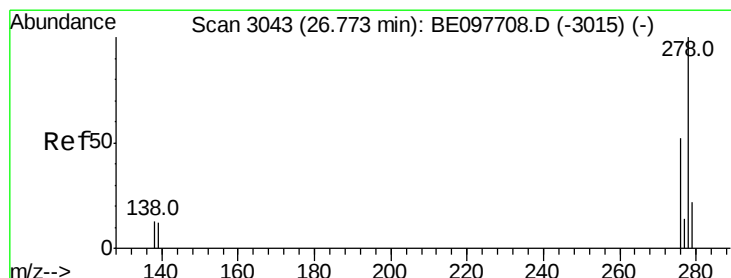
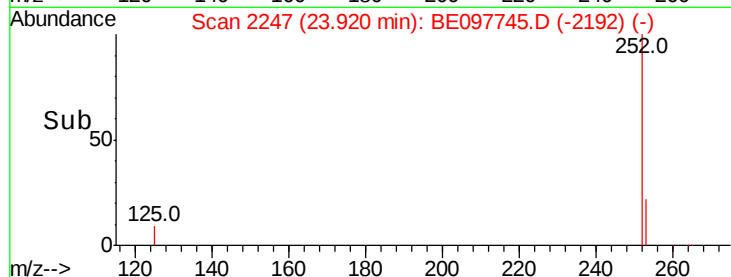
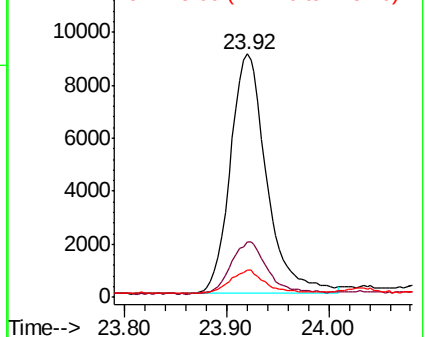


Abundance

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: 0.350 ng

RT: 26.76 min Scan# 3039

Delta R.T. -0.01 min

Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

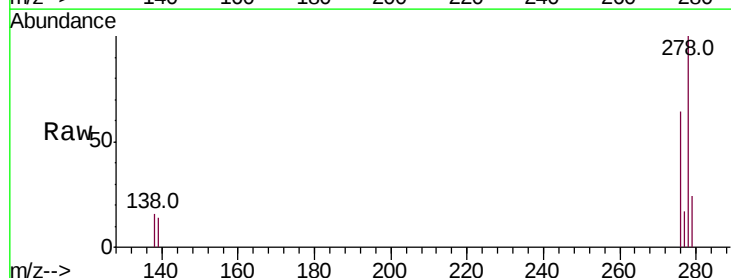
Tgt Ion:278 Resp: 20641

Ion Ratio Lower Upper

278 100

139 13.8 10.3 15.5

279 24.1 18.4 27.6

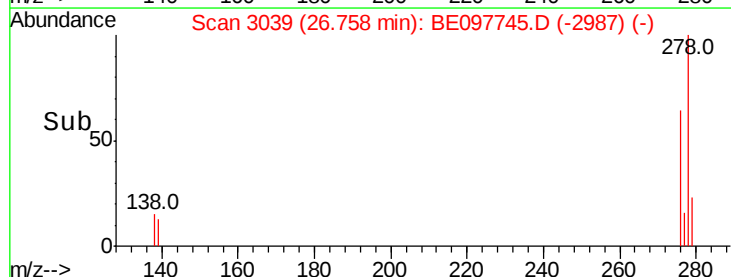
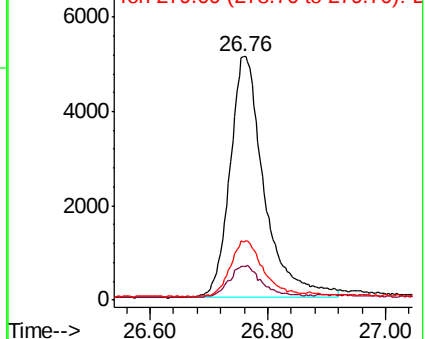


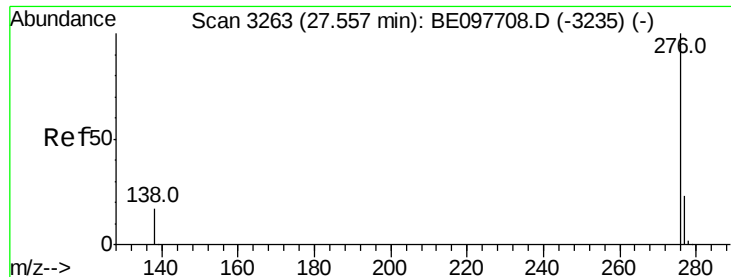
Abundance

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: 0.354 ng

RT: 27.55 min Scan# 3261

Delta R.T. -0.01 min

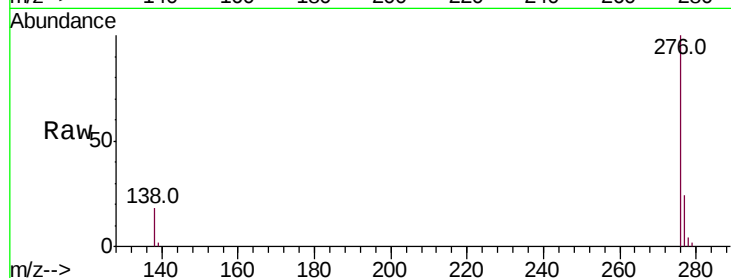
Lab File: BE097745.D

Acq: 5 Oct 2018 8:44

Instrument :

BNA_E

ClientSampleId :



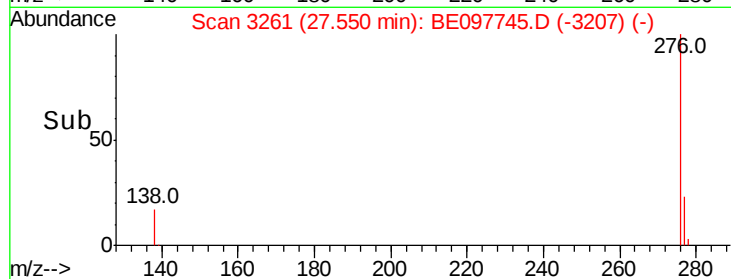
Tot Ion: 276 Resp: 21859

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 17.9 14.2 21.2



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

