

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097968.D
 Acq On : 18 Oct 2018 9:18
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:06:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1995	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	9978	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6809	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	17153	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	19363	0.40	ng	-0.01
34) Perylene-d12	24.03	264	19140	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	2745	0.44	ng	-0.01
5) Phenol-d6	7.04	99	4567	0.49	ng	-0.01
8) Nitrobenzene-d5	9.03	82	4216	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7338	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1476	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	11657	0.42	ng	-0.01
25) Fluoranthene-d10	19.33	212	90469	0.39	ng	0.00
29) Terphenyl-d14	19.92	244	19251	0.43	ng	-0.01

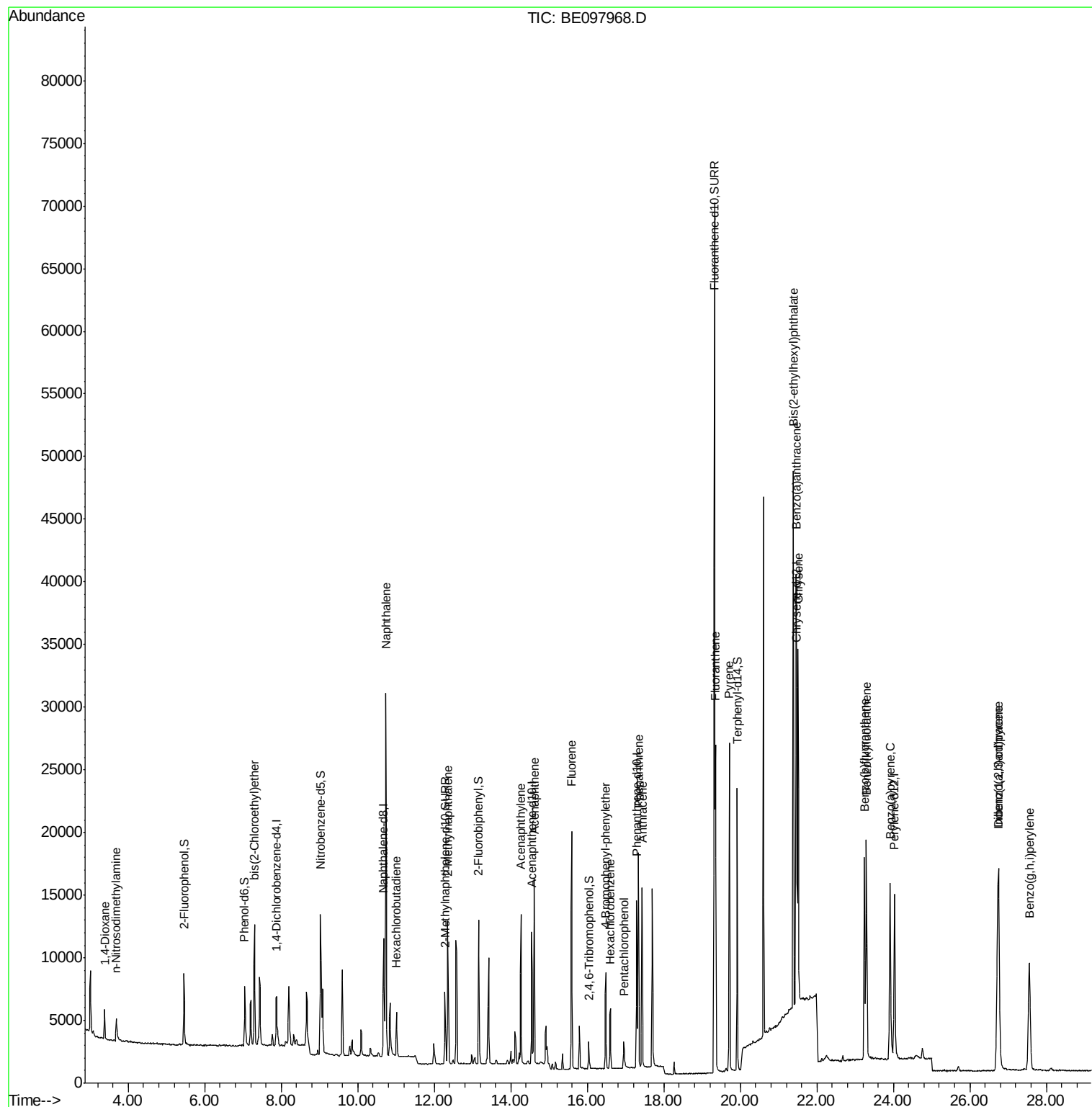
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1504	0.432	ng	93
3) n-Nitrosodimethylamine	3.69	42	1531	0.394	ng	# 97
6) bis(2-Chloroethyl)ether	7.30	93	3423	0.433	ng	98
9) Naphthalene	10.73	128	44615	0.449	ng	100
10) Hexachlorobutadiene	11.02	225	2405	0.449	ng	97
12) 2-Methylnaphthalene	12.35	142	7778	0.457	ng	96
16) Acenaphthylene	14.27	152	13780	0.438	ng	98
17) Acenaphthene	14.62	154	8354	0.435	ng	98
18) Fluorene	15.59	166	11242	0.425	ng	100
20) 4-Bromophenyl-phenylether	16.49	248	4117	0.439	ng	# 84
21) Hexachlorobenzene	16.60	284	4286	0.465	ng	99
22) Pentachlorophenol	16.95	266	1419	0.593	ng	95
23) Phenanthrene	17.34	178	18521	0.425	ng	100
24) Anthracene	17.43	178	17448	0.424	ng	99
26) Fluoranthene	19.35	202	22840	0.399	ng	98
28) Pyrene	19.72	202	24722	0.443	ng	99
30) Benzo(a)anthracene	21.46	228	25918	0.436	ng	98
31) Chrysene	21.51	228	25019	0.445	ng	98
32) Bis(2-ethylhexyl)phthalate	21.39	149	58299	0.431	ng	100
33) Indeno(1,2,3-cd)pyrene	26.73	276	26619	0.440	ng	99
35) Benzo(b)fluoranthene	23.24	252	23608	0.429	ng	# 92
36) Benzo(k)fluoranthene	23.30	252	24656	0.430	ng	# 94
37) Benzo(a)pyrene	23.91	252	23263	0.433	ng	# 92
38) Dibenzo(a,h)anthracene	26.75	278	22324	0.425	ng	97
39) Benzo(g,h,i)perylene	27.55	276	22416	0.416	ng	93

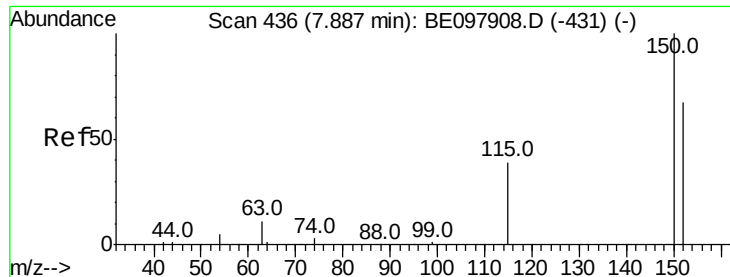
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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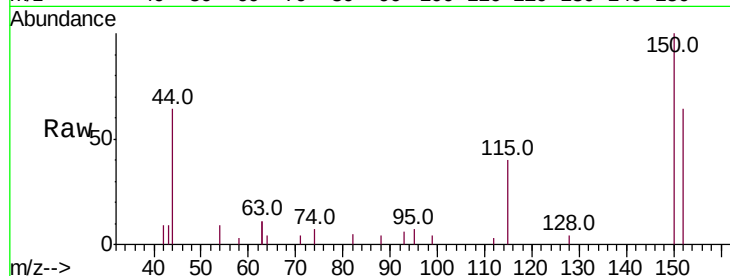


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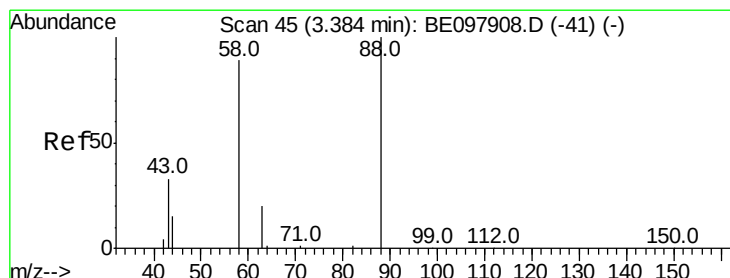
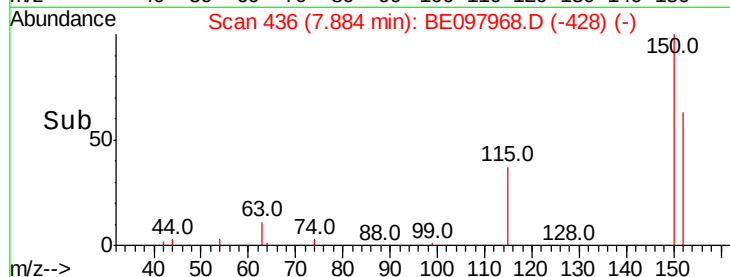
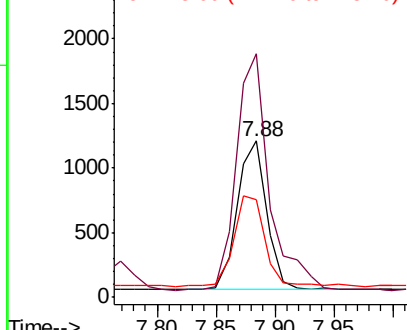
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1995
Ion Ratio Lower Upper
152 100
150 156.1 118.2 177.4
115 62.6 50.9 76.3



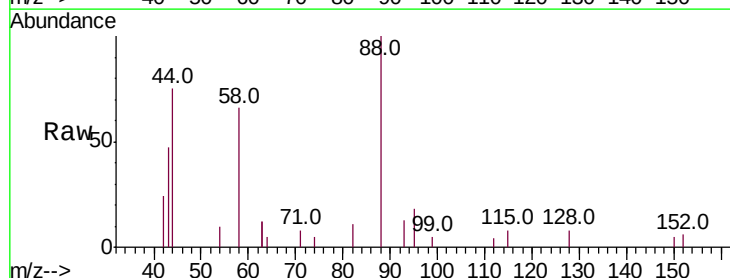
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



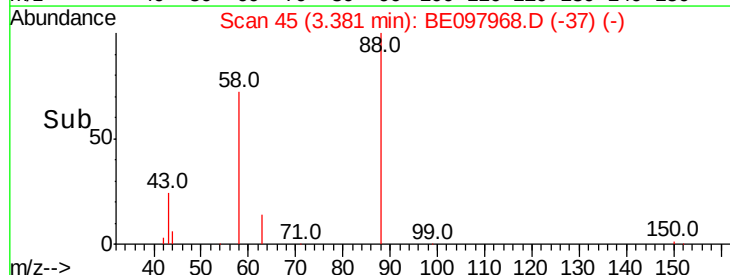
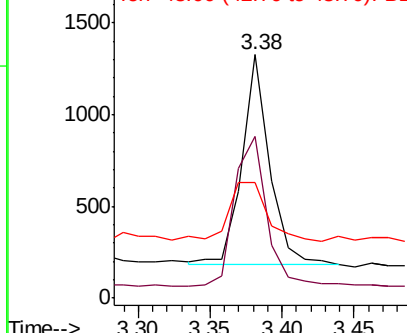
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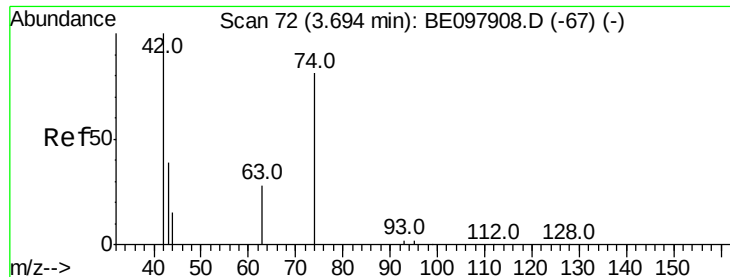
1,4-Dioxane
Concen: 0.432 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Tgt Ion: 88 Resp: 1504
Ion Ratio Lower Upper
88 100
58 84.6 73.2 109.8
43 41.1 36.9 55.3



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

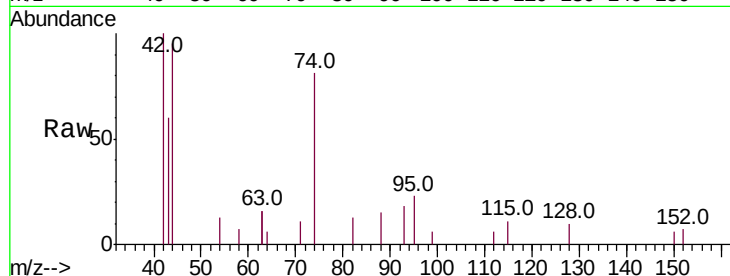




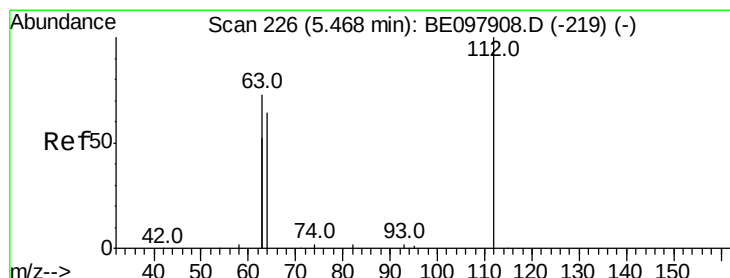
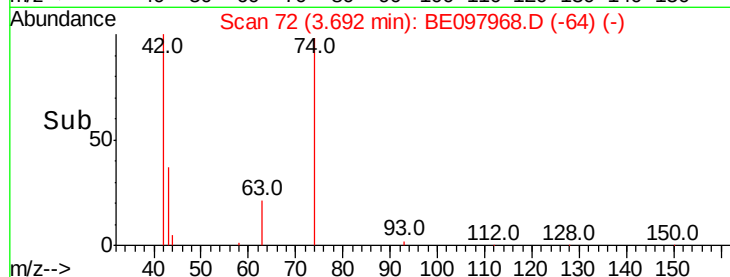
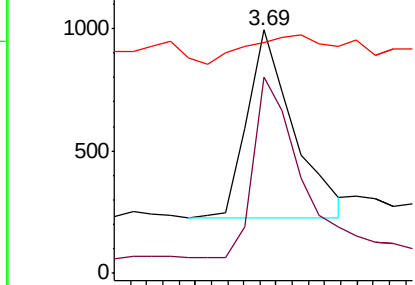
#3
n-Nitrosodimethylamine
Concen: 0.394 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 1531
Ion Ratio Lower Upper
42 100
74 98.2 77.6 116.4
44 0.0 7.6 11.4#

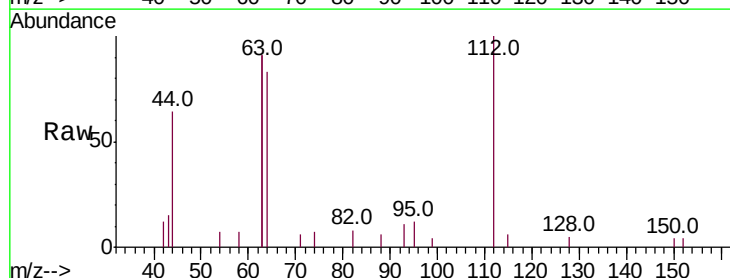


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

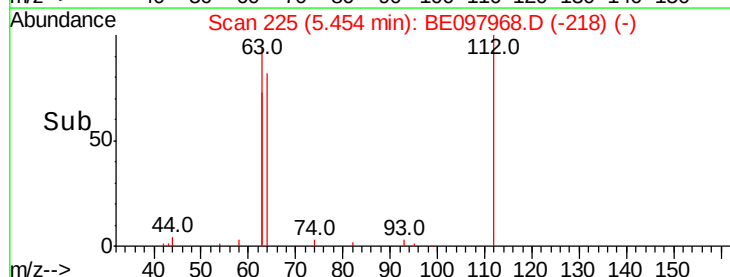
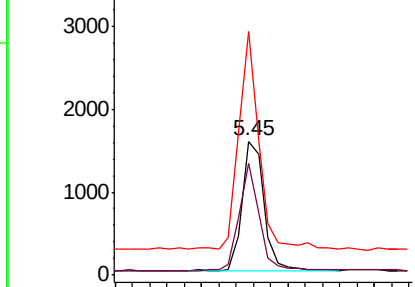


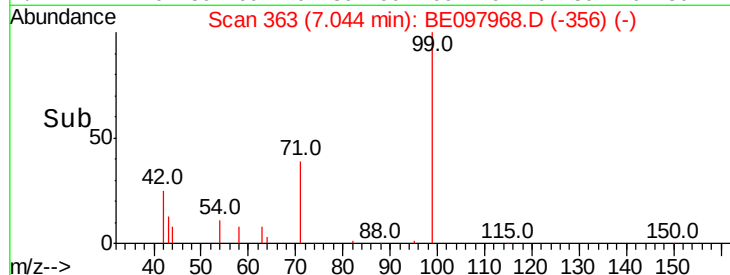
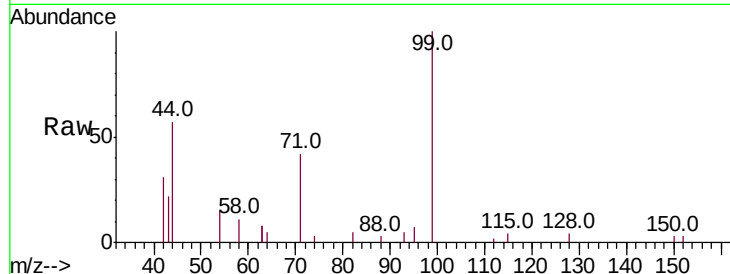
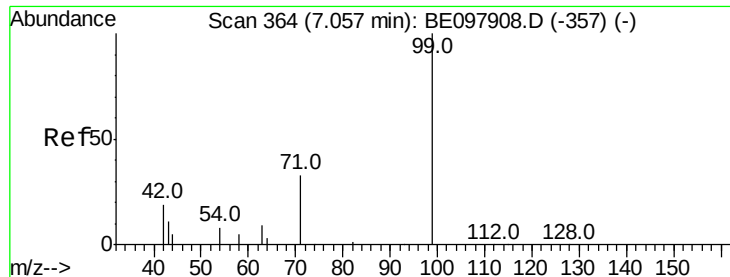
#4
2-Fluorophenol
Concen: 0.436 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Tgt Ion: 112 Resp: 2745
Ion Ratio Lower Upper
112 100
64 76.5 58.9 88.3
63 158.5 120.3 180.5



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: 0.491 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Instrument :

BNA_E

ClientSampleId :

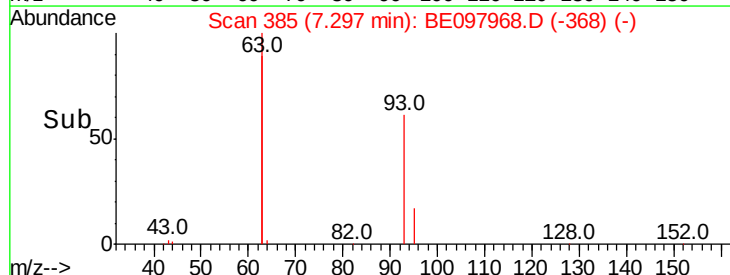
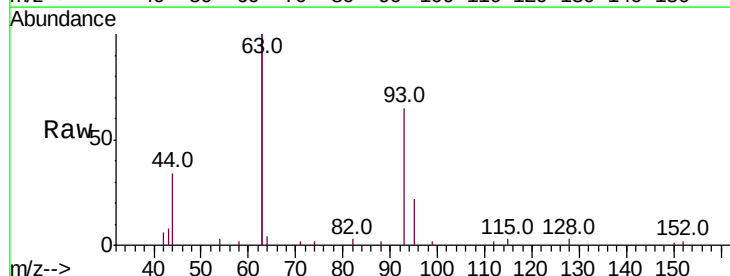
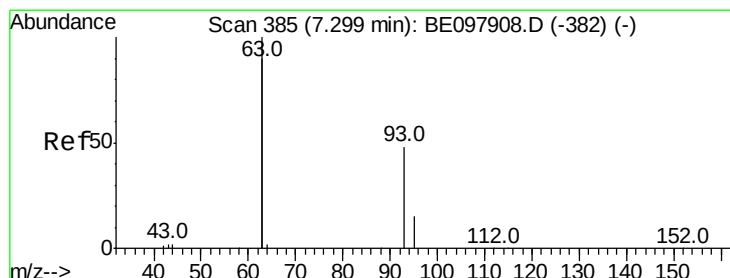
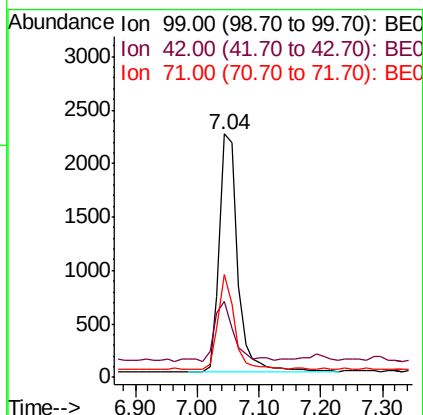
Tot Ion: 99 Resp: 4567

Ion Ratio Lower Upper

99 100

42 23.8 19.9 29.9

71 35.1 27.8 41.8



#6

bis(2-Chloroethyl)ether

Concen: 0.433 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

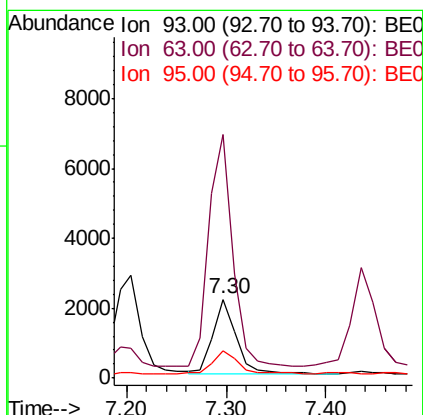
Tgt Ion: 93 Resp: 3423

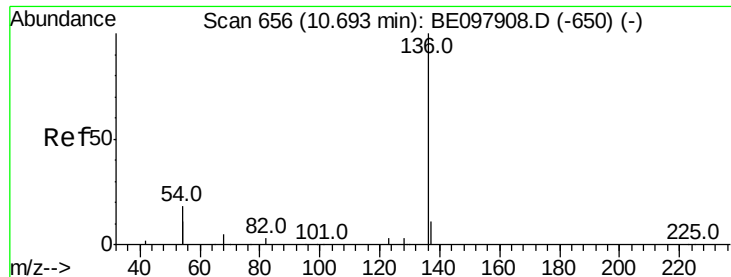
Ion Ratio Lower Upper

93 100

63 321.3 259.0 388.4

95 31.5 27.8 41.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 9978

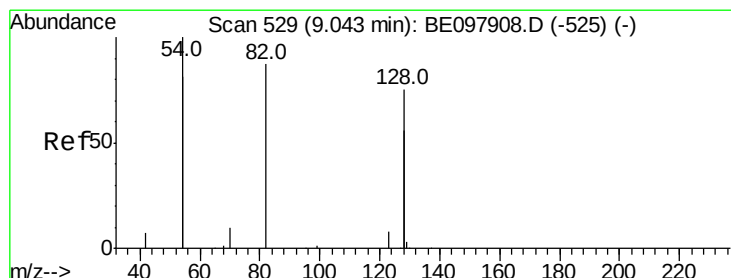
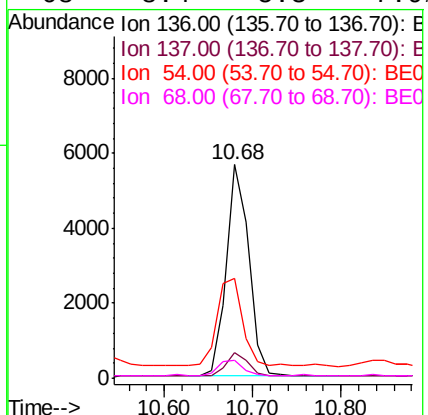
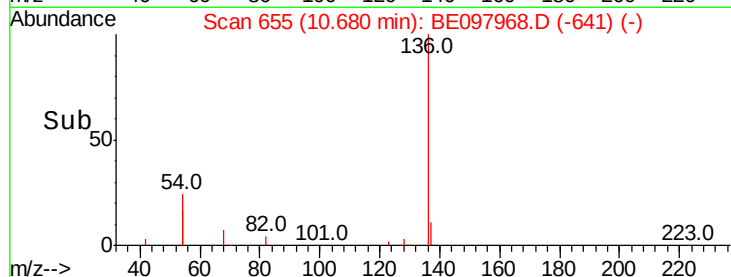
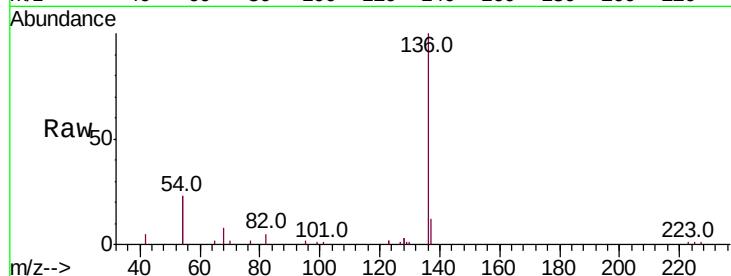
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 46.9 27.7 41.5#

68 8.4 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.446 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

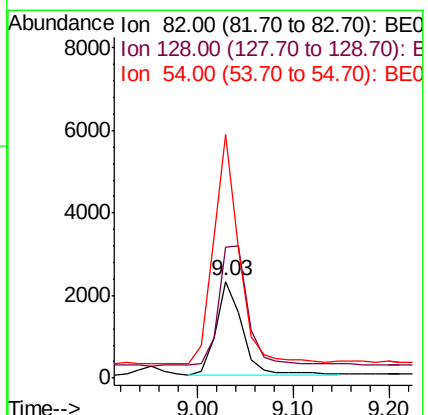
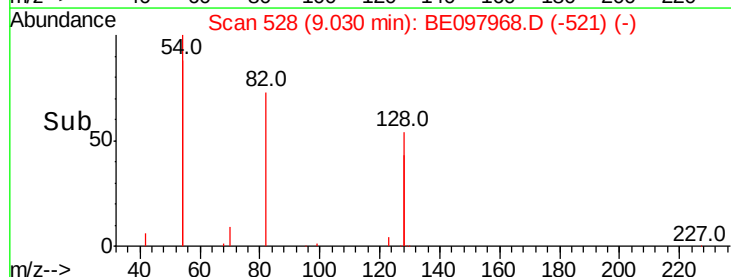
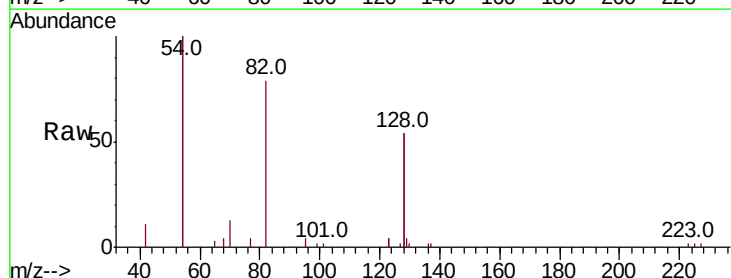
Tgt Ion: 82 Resp: 4216

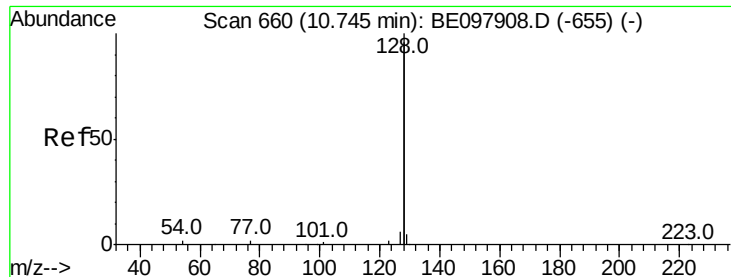
Ion Ratio Lower Upper

82 100

128 136.2 129.9 194.9

54 252.2 174.0 261.0

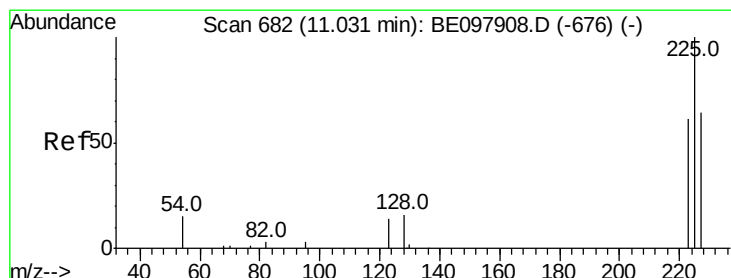
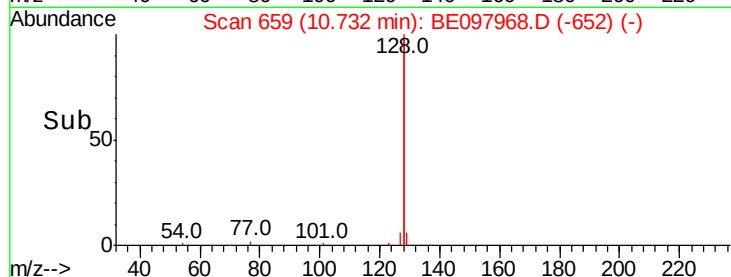
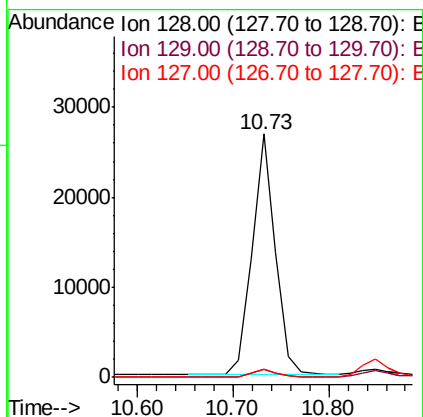
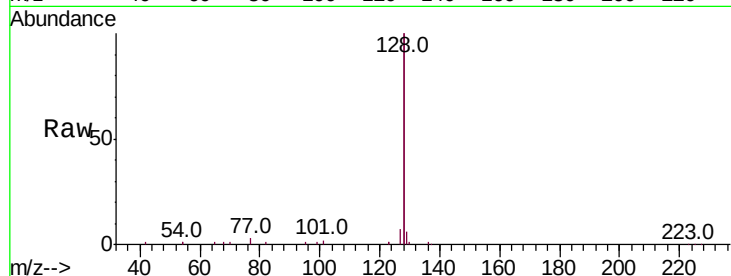




#9
Naphthalene
Concen: 0.449 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

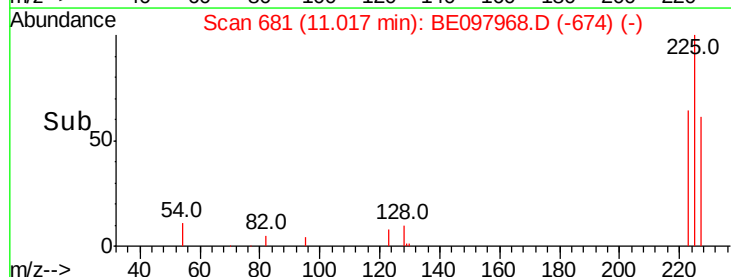
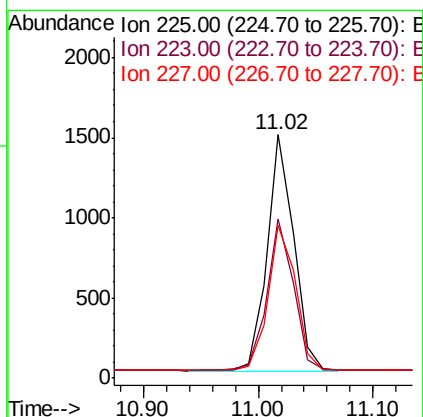
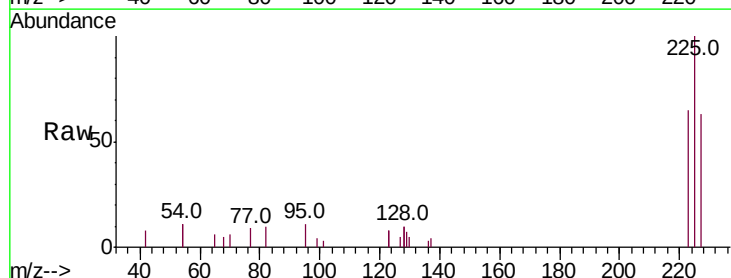
Instrument :
BNA_E
ClientSampleId :

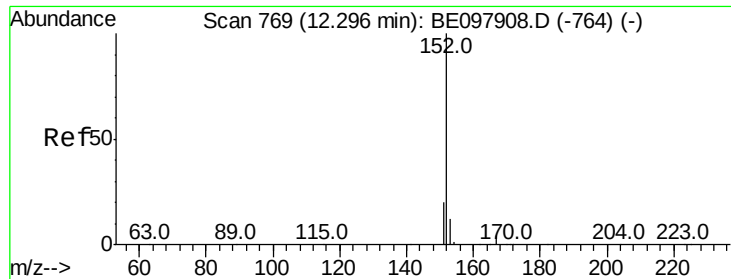
Tot Ion:128 Resp: 44615
Ion Ratio Lower Upper
128 100
129 3.1 2.5 3.7
127 3.3 2.8 4.2



#10
Hexachlorobutadiene
Concen: 0.449 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.01 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Tgt Ion:225 Resp: 2405
Ion Ratio Lower Upper
225 100
223 62.8 51.8 77.8
227 62.8 53.0 79.6

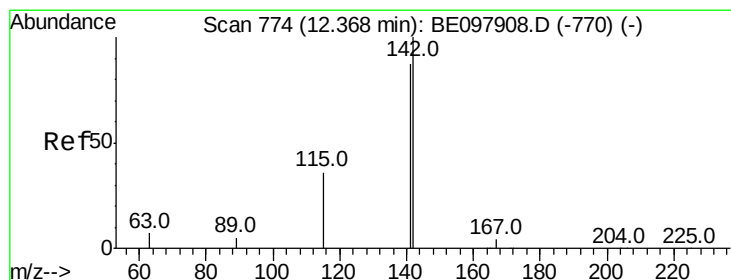
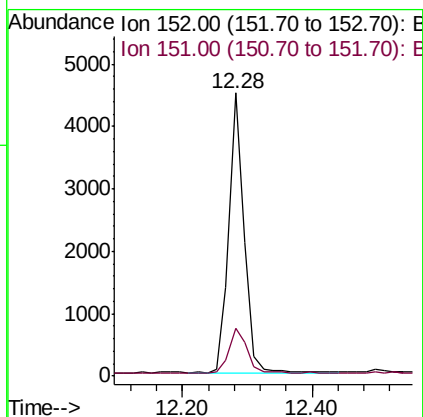
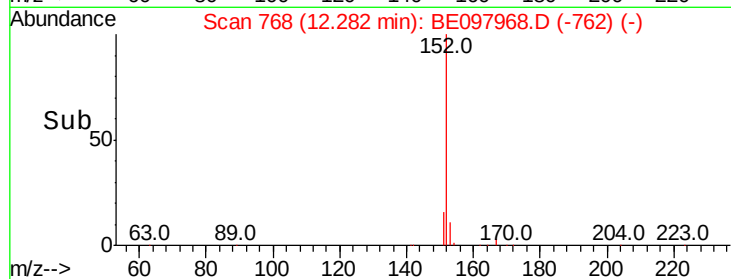
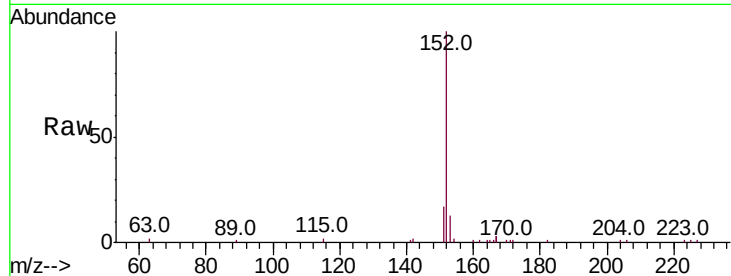




#11
2-Methylnaphthalene-d10
Concen: 0.442 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

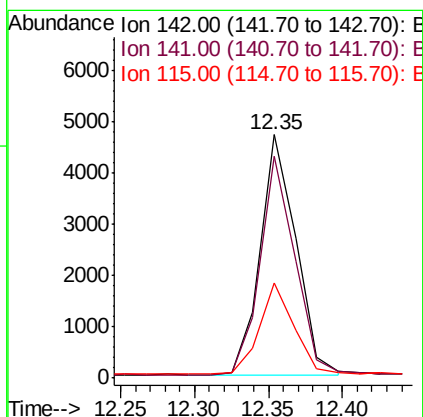
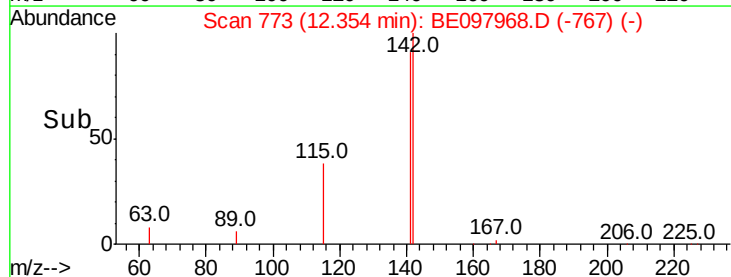
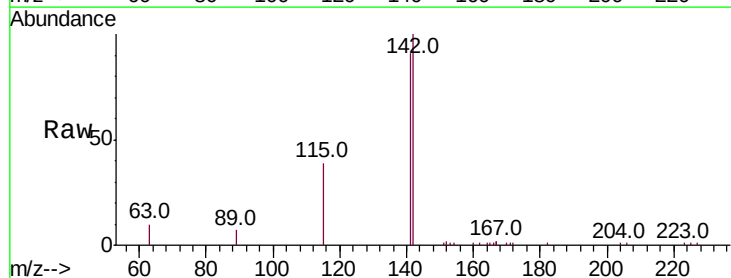
Instrument :
BNA_E
ClientSampleId :

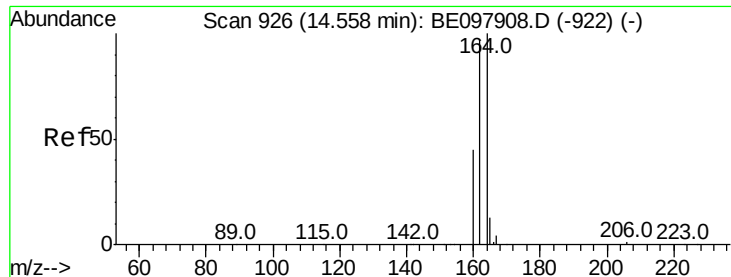
Tot Ion:152 Resp: 7338
Ion Ratio Lower Upper
152 100
151 18.5 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.457 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Tgt Ion:142 Resp: 7778
Ion Ratio Lower Upper
142 100
141 91.2 69.8 104.6
115 39.2 30.5 45.7

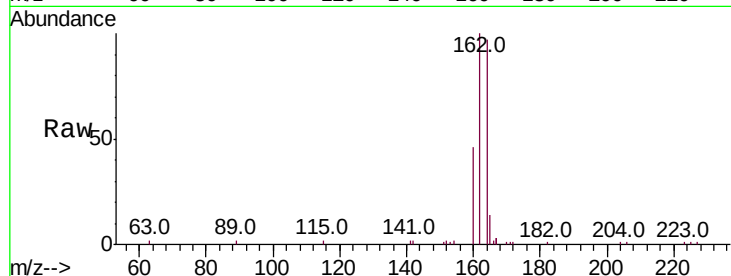




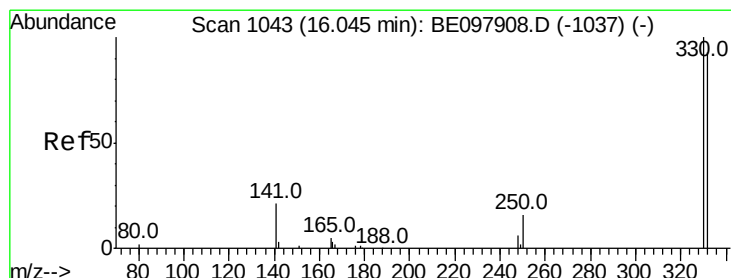
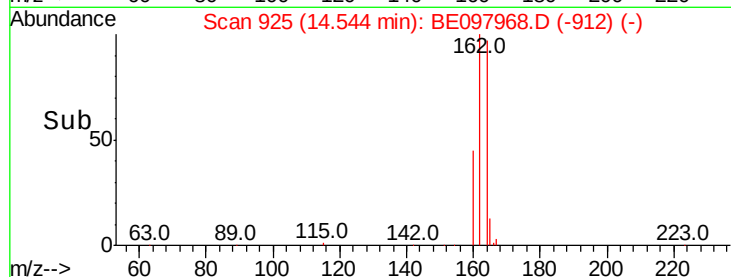
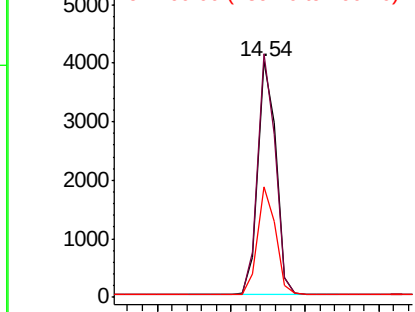
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097968.D
 Acq: 18 Oct 2018 9:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 6809
 Ion Ratio Lower Upper
 164 100
 162 103.5 77.4 116.2
 160 47.2 36.5 54.7

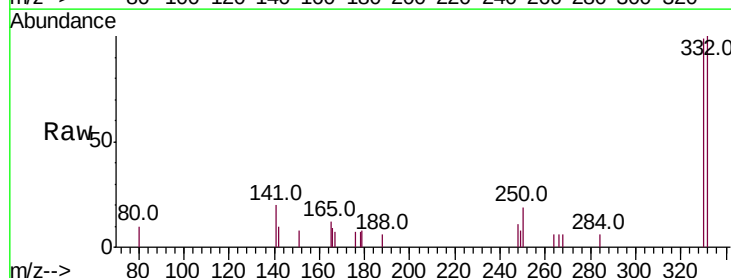


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

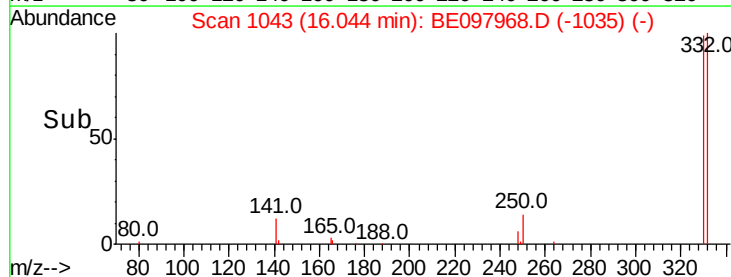
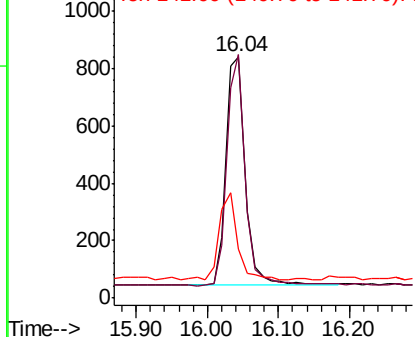


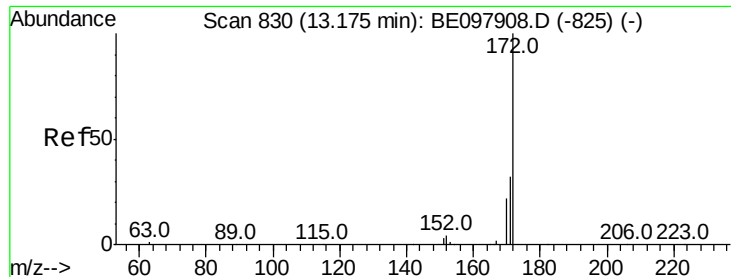
#14
 2,4,6-Tribromophenol
 Concen: 0.403 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097968.D
 Acq: 18 Oct 2018 9:18

Tgt Ion:330 Resp: 1476
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.5 114.7
 141 38.0 31.8 47.6



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

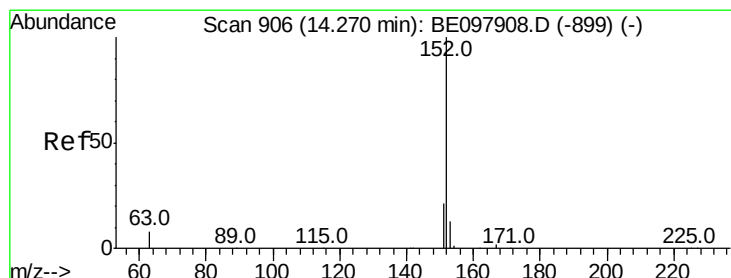
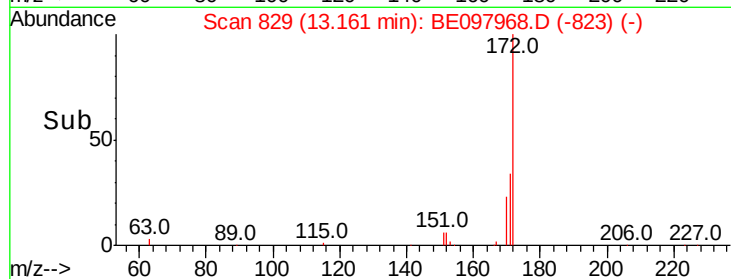
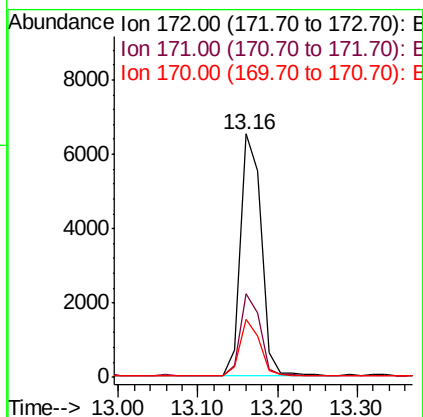
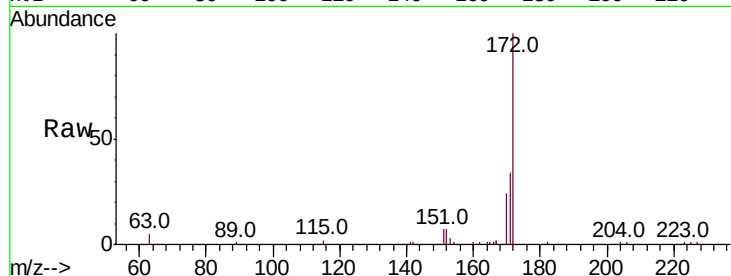




#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

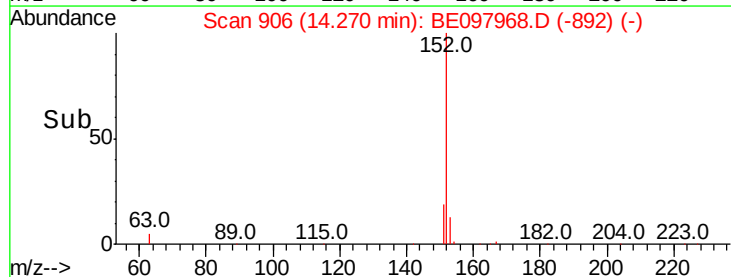
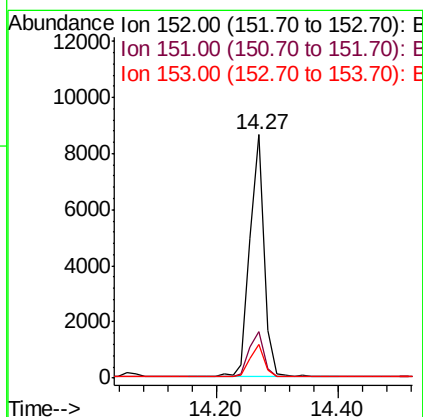
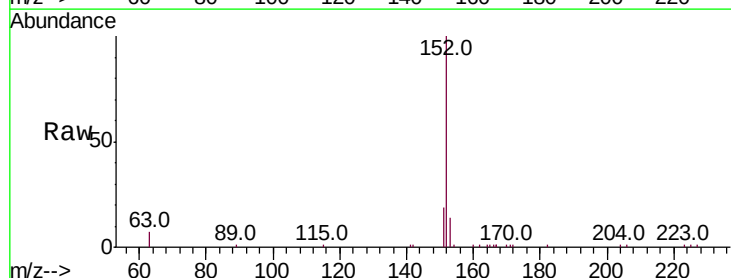
Instrument :
BNA_E
ClientSampleId :

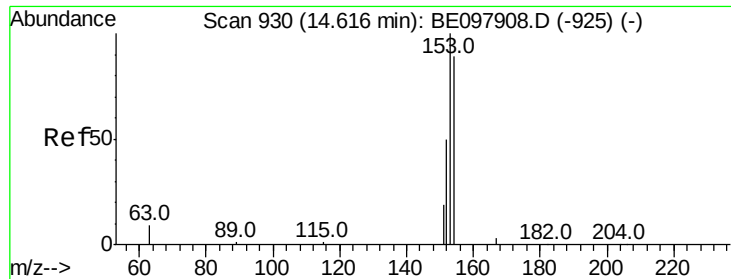
Tot Ion:172 Resp: 11657
Ion Ratio Lower Upper
172 100
171 34.4 26.0 39.0
170 23.6 18.0 27.0



#16
Acenaphthylene
Concen: 0.438 ng
RT: 14.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Tgt Ion:152 Resp: 13780
Ion Ratio Lower Upper
152 100
151 19.2 16.1 24.1
153 13.2 10.9 16.3

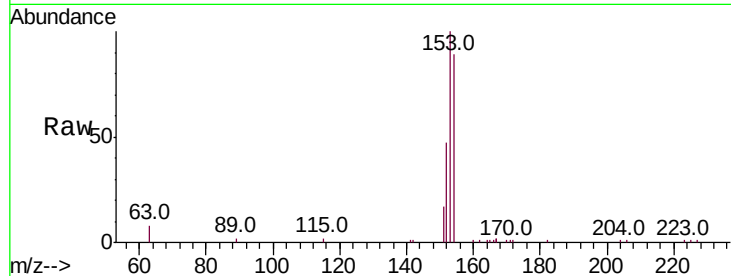




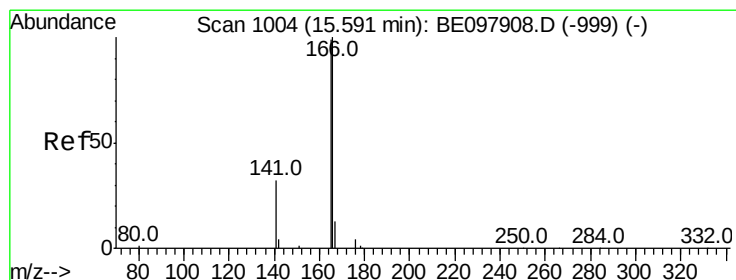
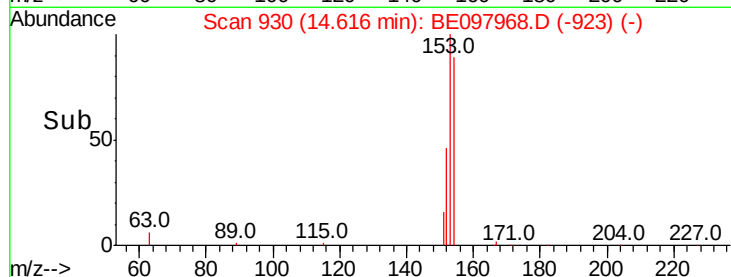
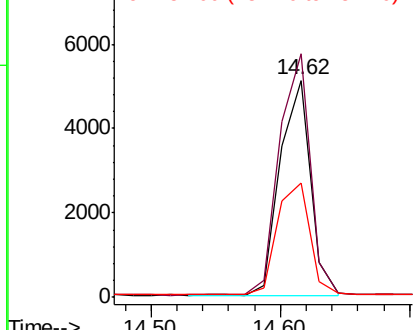
#17
Acenaphthene
Concen: 0.435 ng
RT: 14.62 min Scan# 930
Delta R.T. 0.00 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 8354
Ion Ratio Lower Upper
154 100
153 113.4 92.6 139.0
152 55.9 45.5 68.3

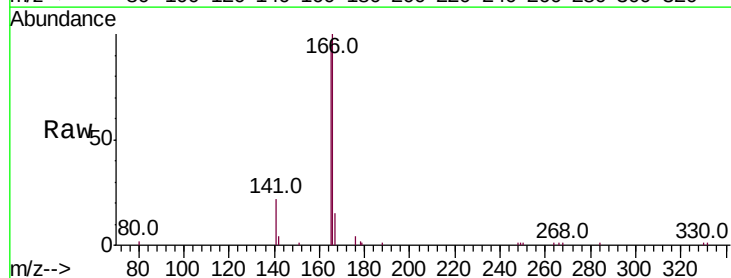


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

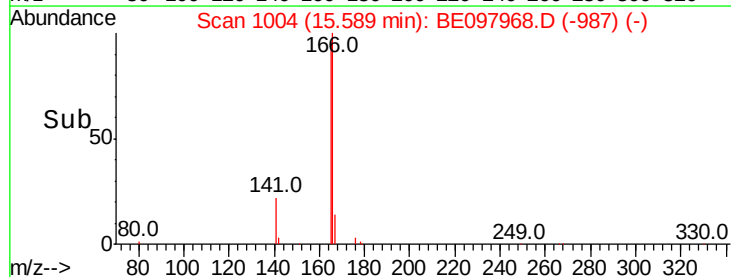
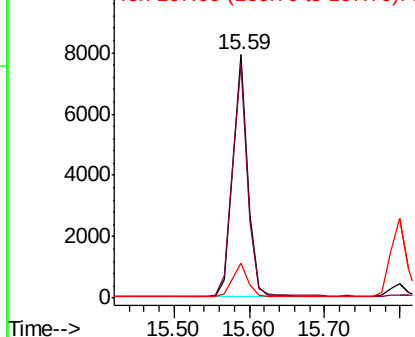


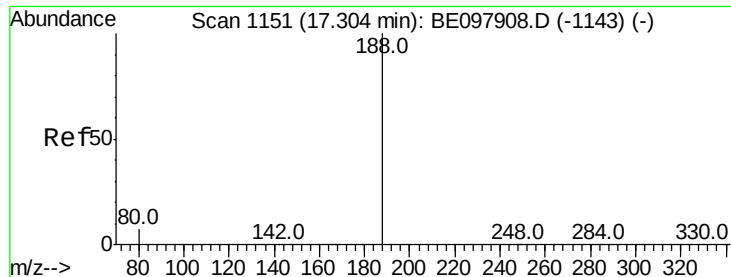
#18
Fluorene
Concen: 0.425 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Tgt Ion:166 Resp: 11242
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.7 11.0 16.6



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Instrument :

BNA_E

ClientSampleId :

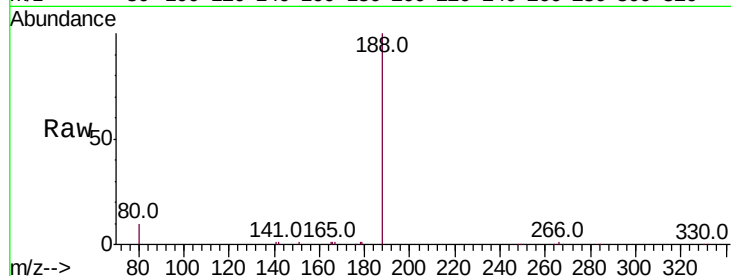
Tot Ion:188 Resp: 17153

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

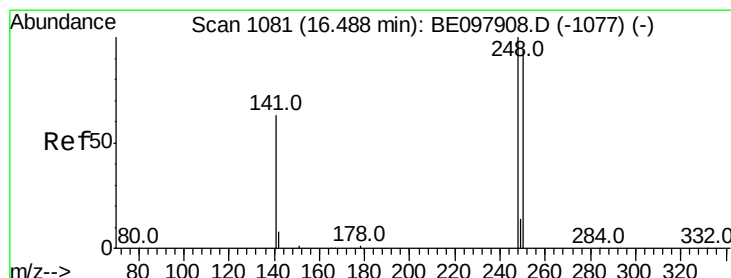
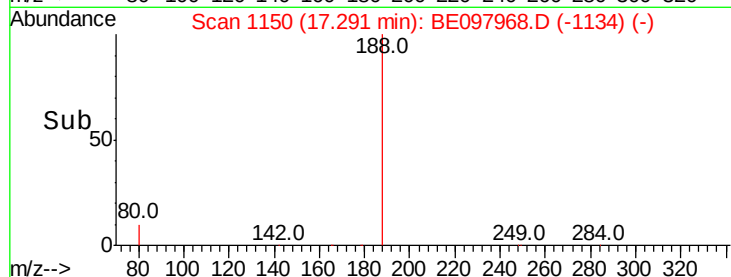
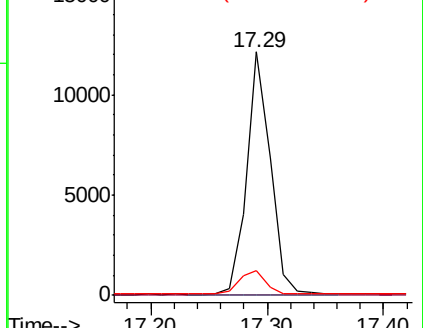
80 10.4 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.439 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

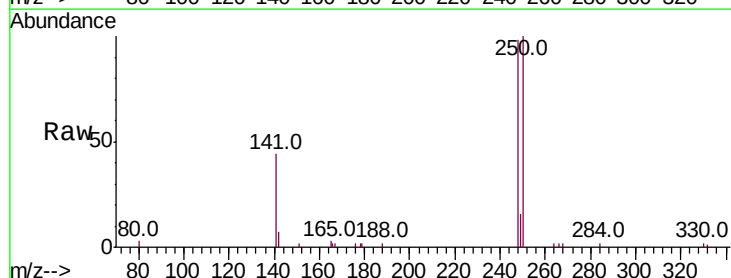
Tgt Ion:248 Resp: 4117

Ion Ratio Lower Upper

248 100

250 102.5 75.1 112.7

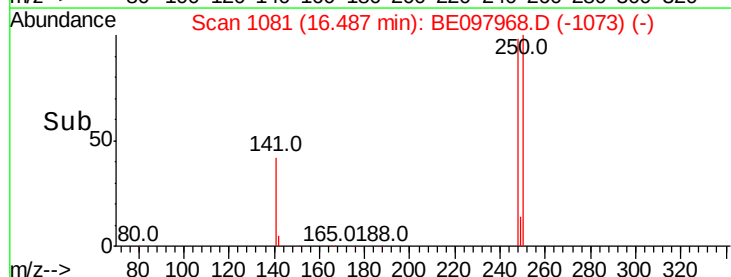
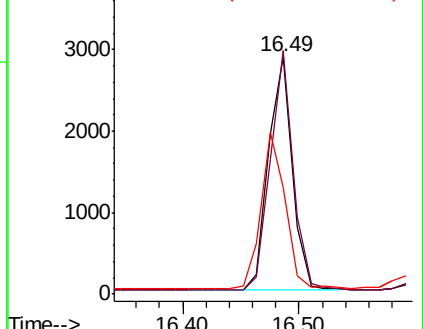
141 44.7 51.8 77.8#

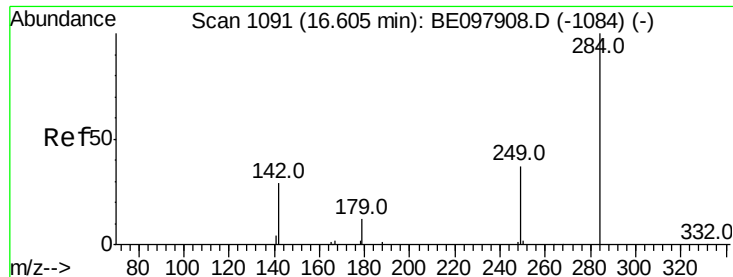


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.465 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097968.D

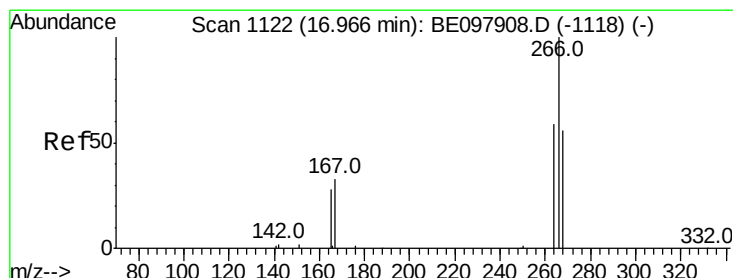
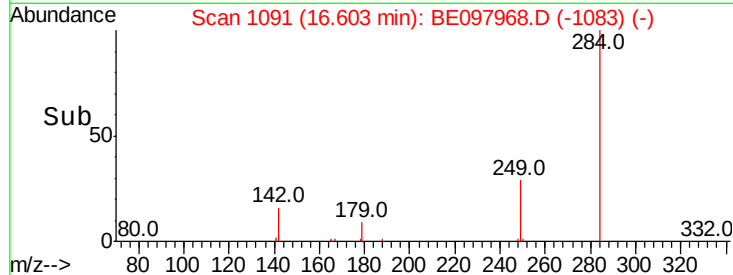
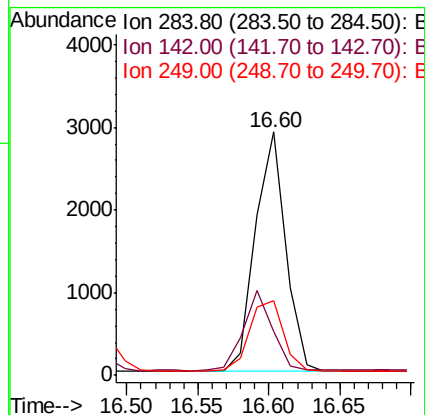
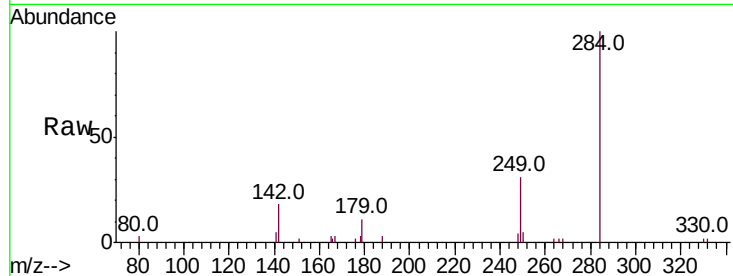
Acq: 18 Oct 2018 9:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:284	Resp:	4286
Ion Ratio	Lower	Upper
284	100	
142	31.8	25.9 38.9
249	32.8	26.6 40.0



#22

Pentachlorophenol

Concen: 0.593 ng

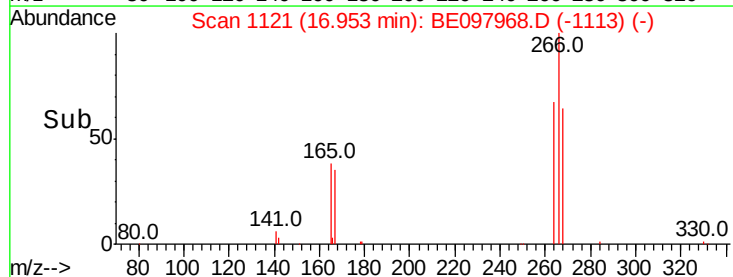
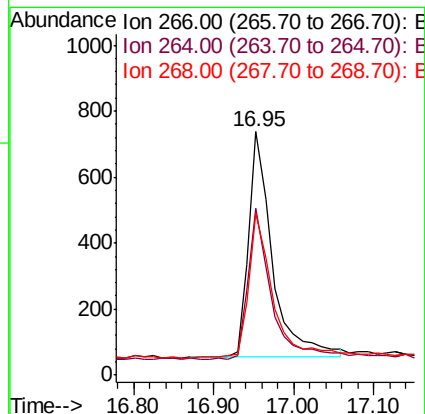
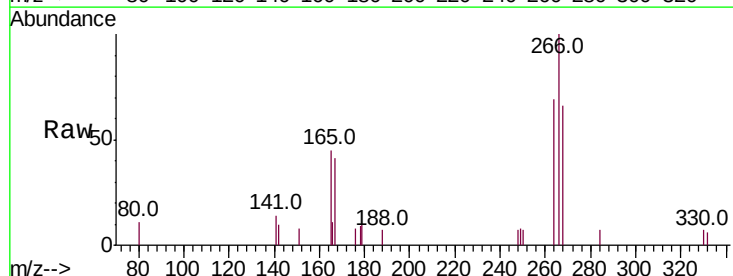
RT: 16.95 min Scan# 1121

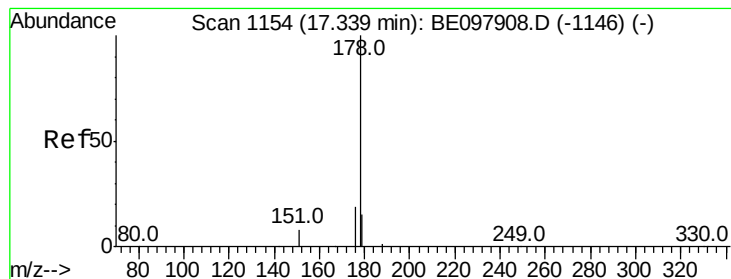
Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Tgt Ion:266	Resp:	1419
Ion Ratio	Lower	Upper
266	100	
264	68.6	51.3 76.9
268	66.3	50.1 75.1





#23

Phenanthrene

Concen: 0.425 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Instrument :

BNA_E

ClientSampleId :

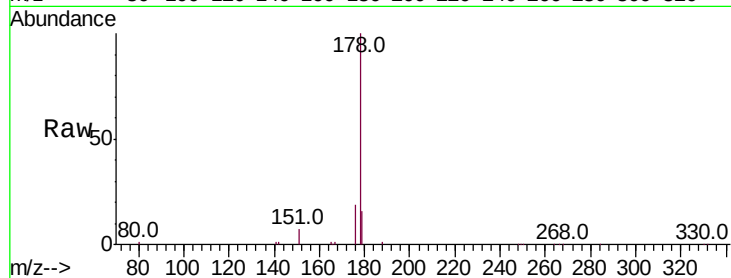
Tot Ion:178 Resp: 18521

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

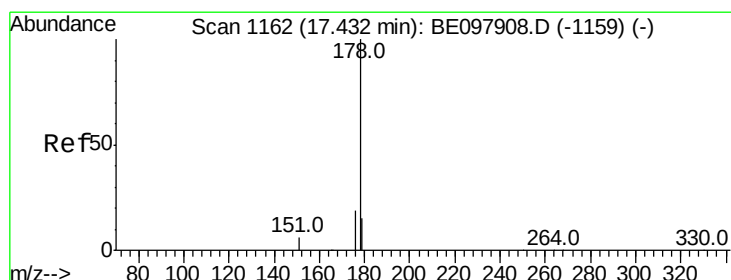
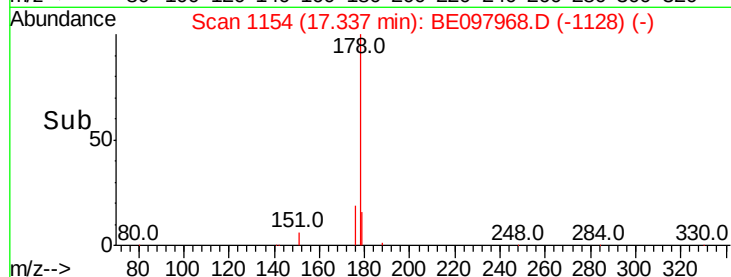
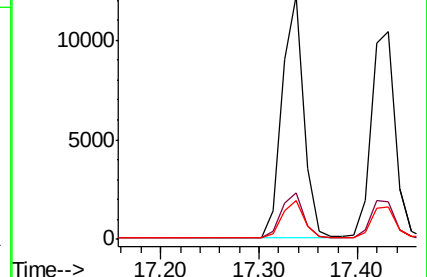
179 15.7 12.2 18.4



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: 0.424 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

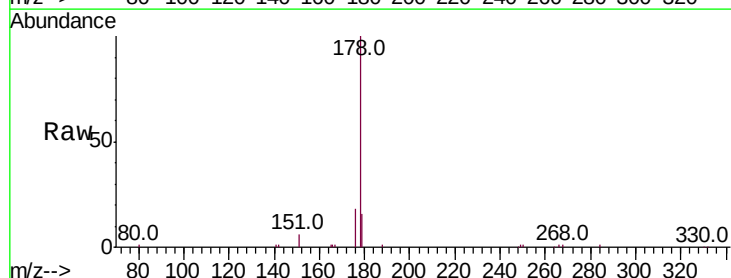
Tgt Ion:178 Resp: 17448

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

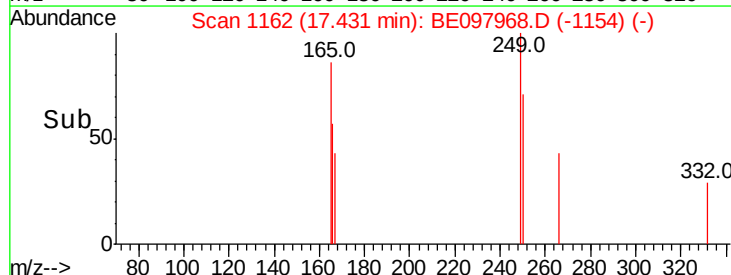
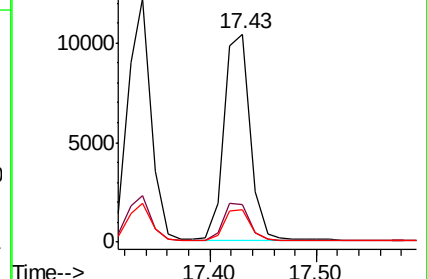
179 15.4 11.9 17.9

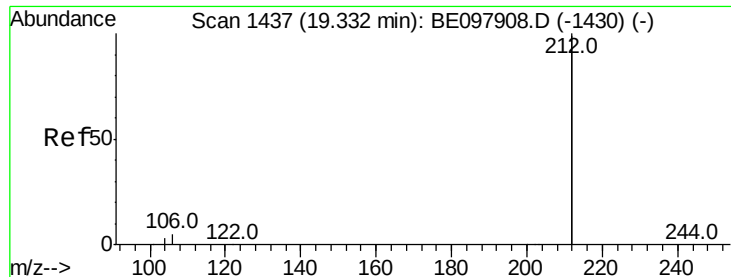


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Instrument :

BNA_E

ClientSampleId :

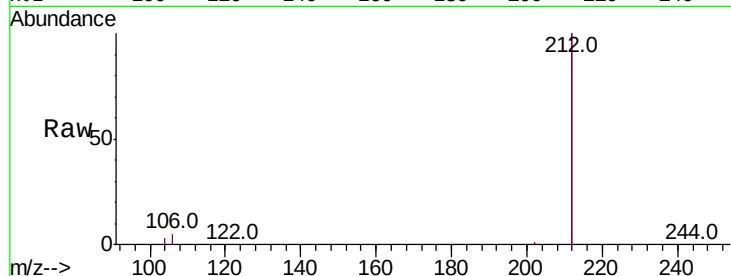
Tot Ion:212 Resp: 90469

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

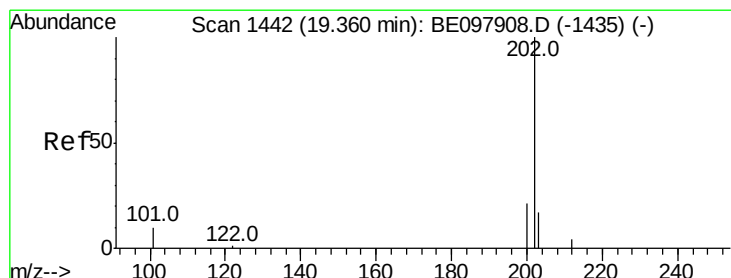
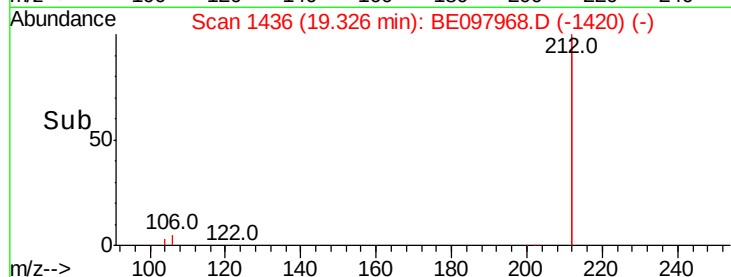
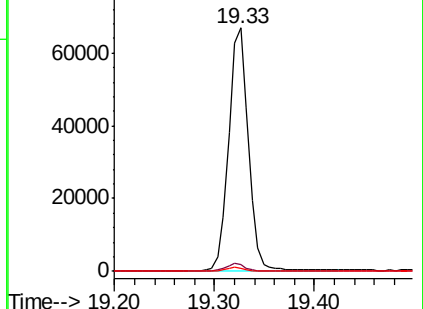
104 1.6 1.3 1.9



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: 0.399 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

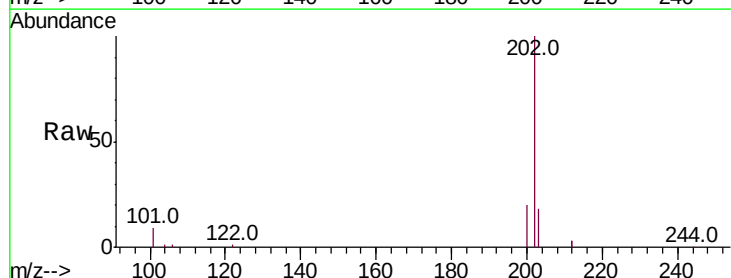
Tgt Ion:202 Resp: 22840

Ion Ratio Lower Upper

202 100

101 10.2 8.2 12.2

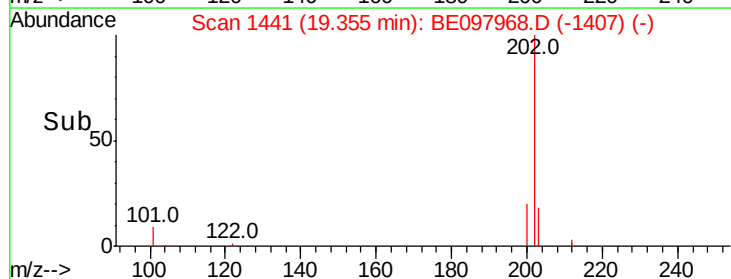
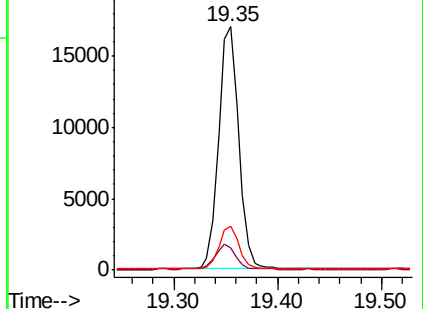
203 17.4 15.0 22.4

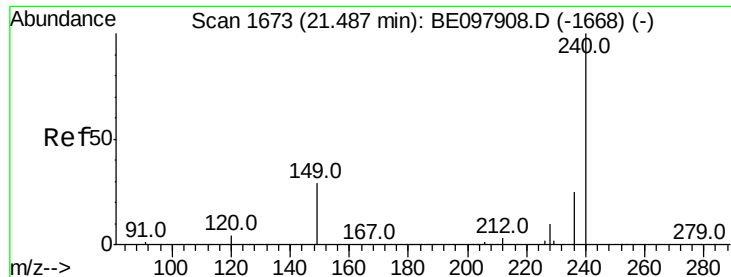


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

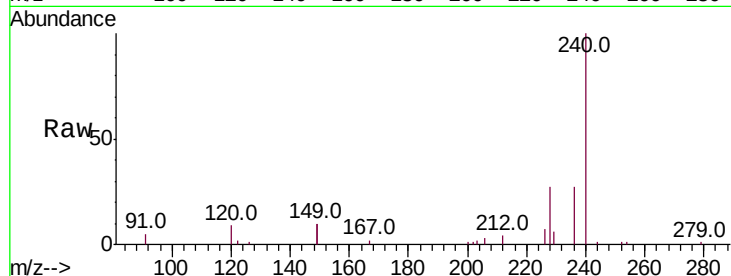




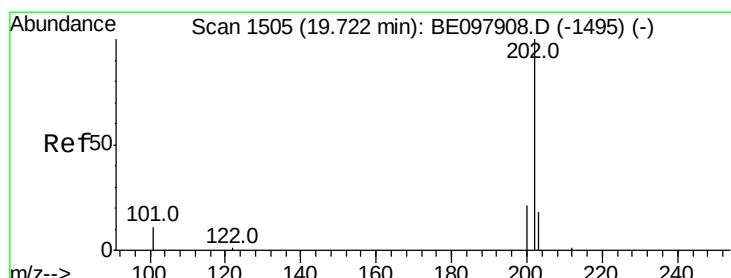
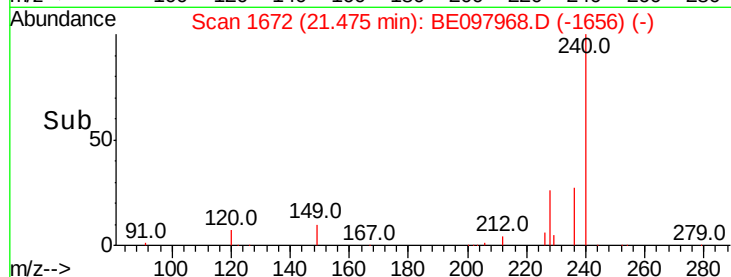
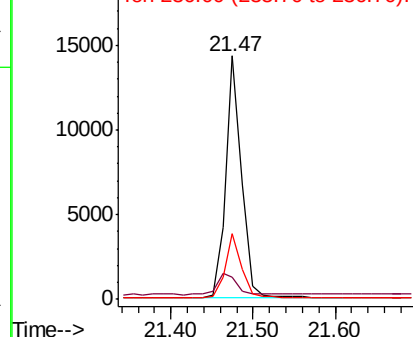
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 19363
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 27.2 21.3 31.9

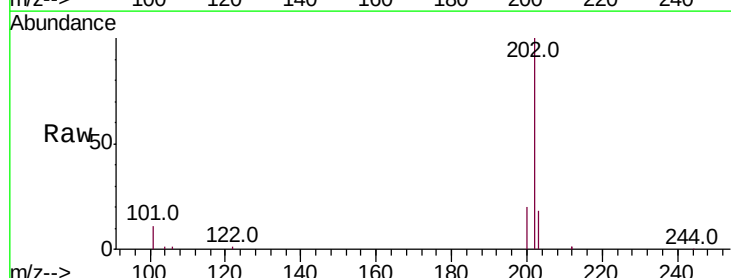


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

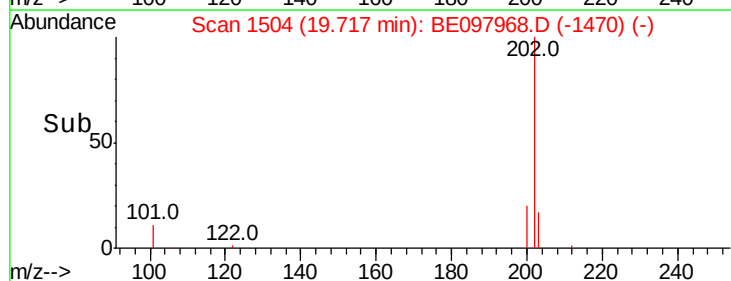
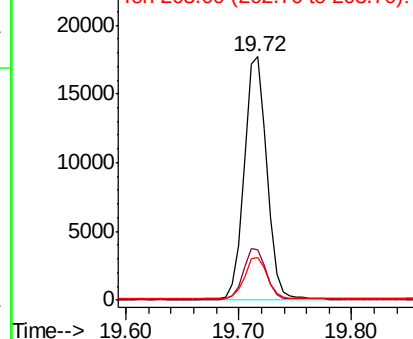


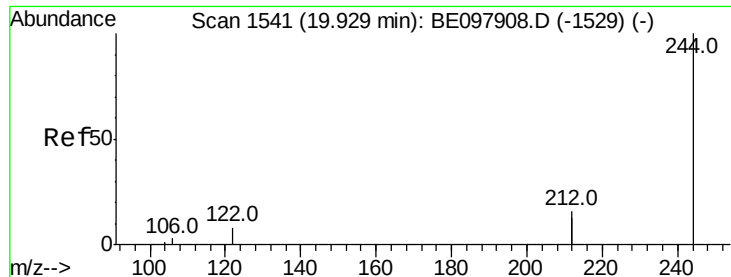
#28
Pyrene
Concen: 0.443 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Tgt Ion:202 Resp: 24722
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.4 14.2 21.4



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: 0.434 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Instrument :

BNA_E

ClientSampleId :

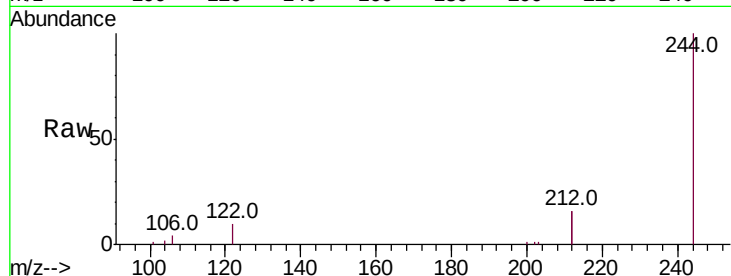
Tot Ion:244 Resp: 19251

Ion Ratio Lower Upper

244 100

212 31.3 26.2 39.2

122 10.4 7.7 11.5

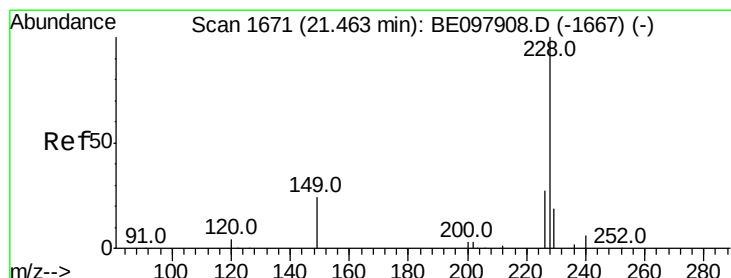
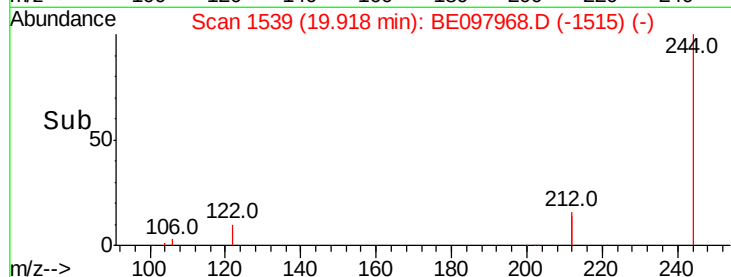
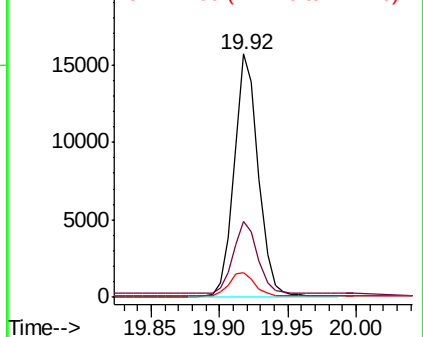


Abundance

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: 0.436 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

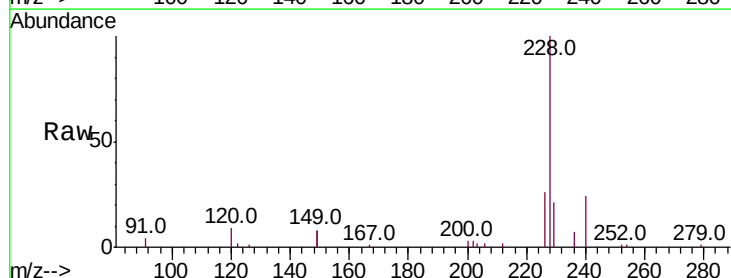
Tgt Ion:228 Resp: 25918

Ion Ratio Lower Upper

228 100

226 26.4 22.6 33.8

229 21.0 16.9 25.3

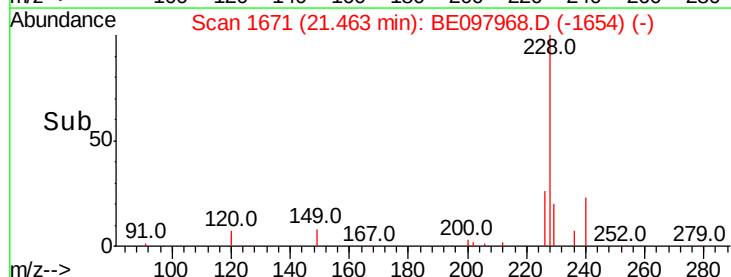
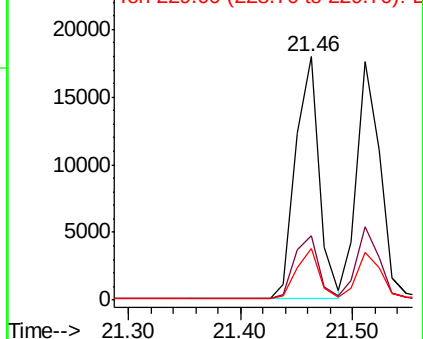


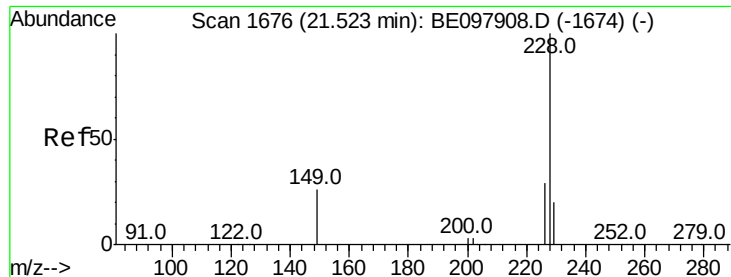
Abundance

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: 0.445 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

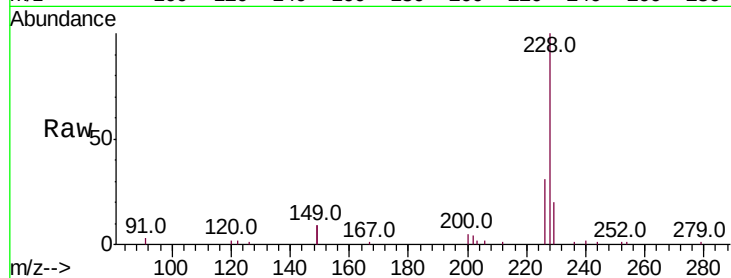
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 25019

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	20.0	17.3	25.9

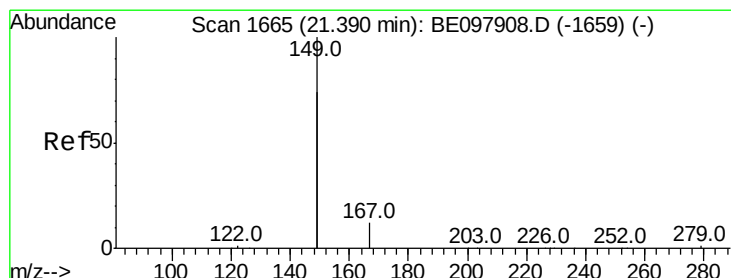
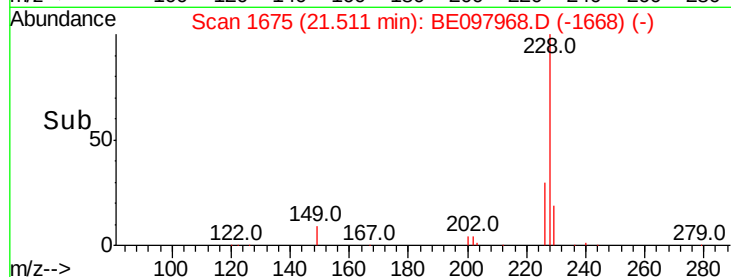
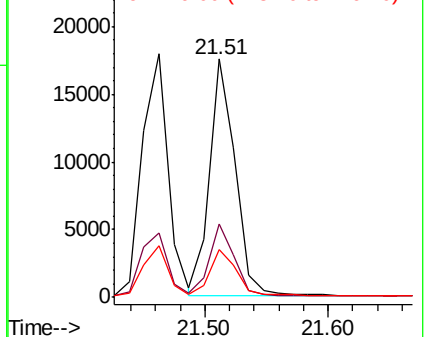


Abundance

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: 0.431 ng

RT: 21.39 min Scan# 1665

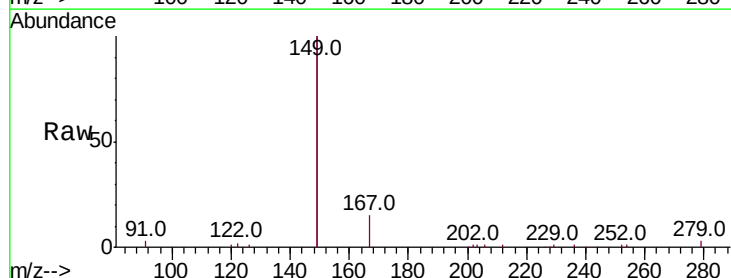
Delta R.T. 0.00 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Tgt Ion:149 Resp: 58299

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.6	8.4
279	1.1	0.9	1.3

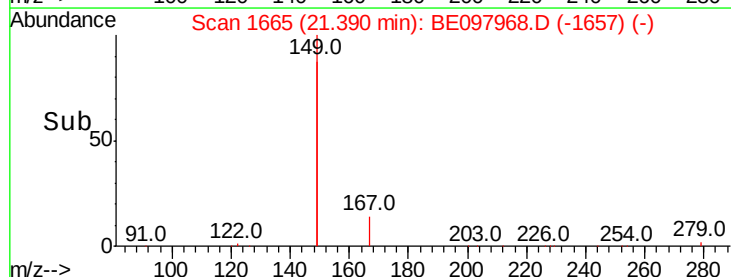
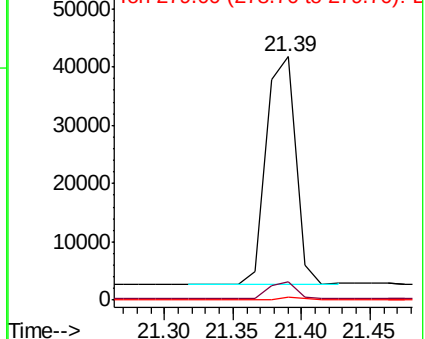


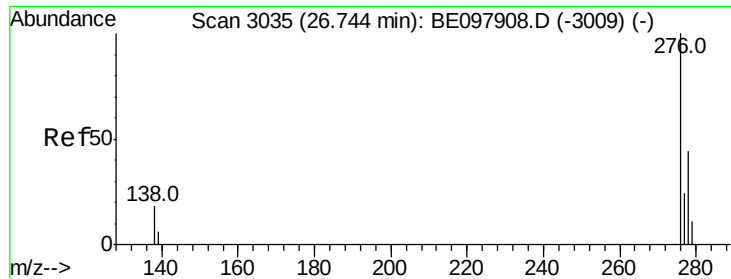
Abundance

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: 0.440 ng

RT: 26.73 min Scan# 3030

Delta R.T. -0.02 min

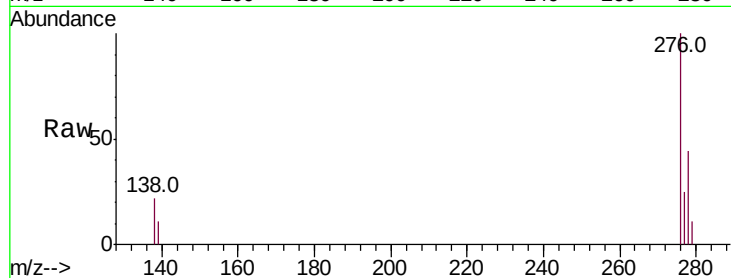
Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Instrument :

BNA_E

ClientSampleId :



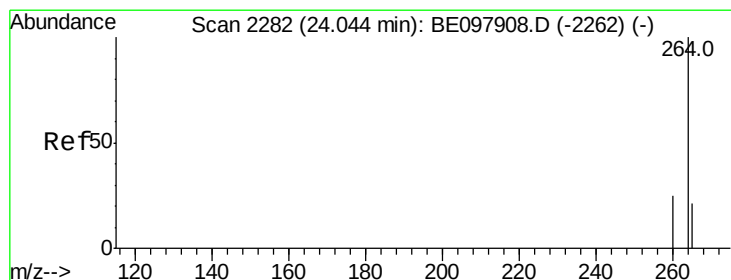
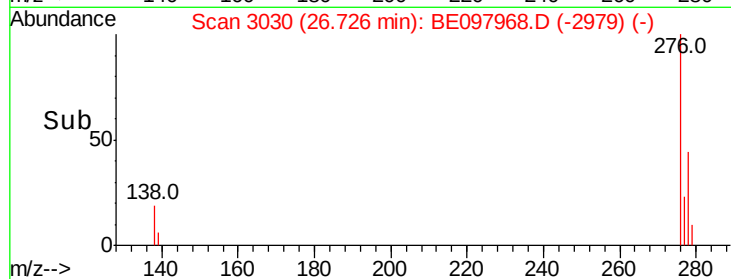
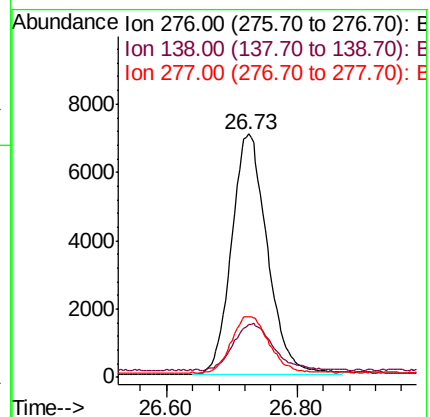
Tot Ion:276 Resp: 26619

Ion Ratio Lower Upper

276 100

138 21.8 17.0 25.6

277 24.8 20.5 30.7



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

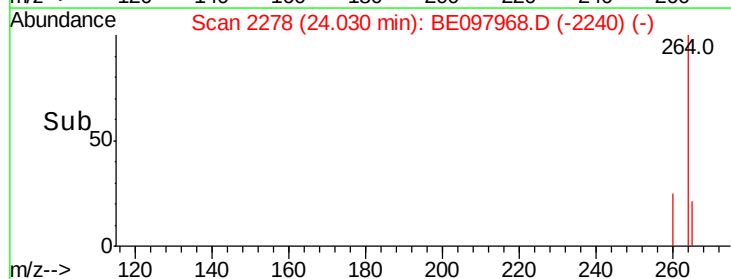
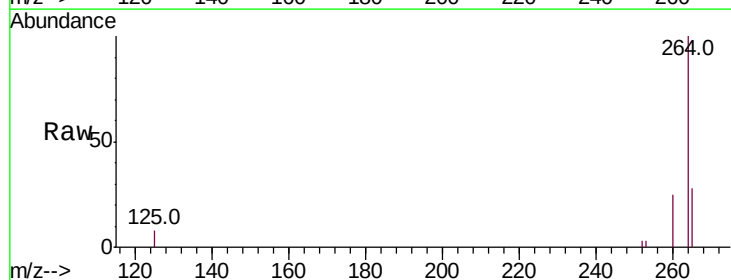
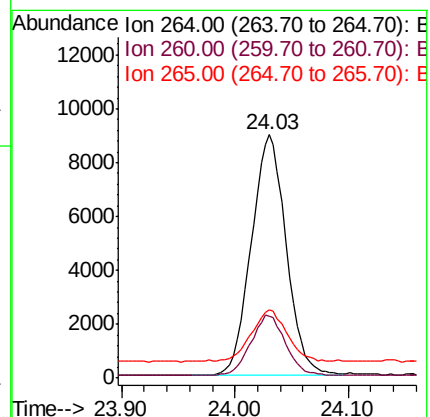
Tgt Ion:264 Resp: 19140

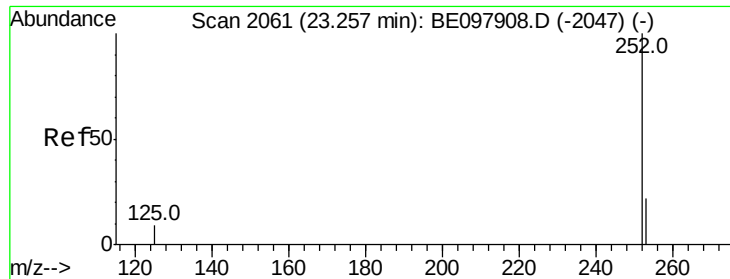
Ion Ratio Lower Upper

264 100

260 25.3 21.1 31.7

265 28.0 29.2 43.8#

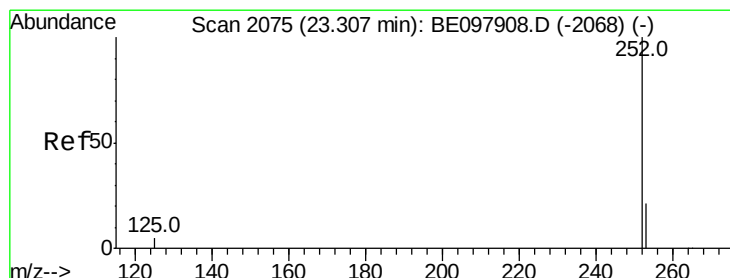
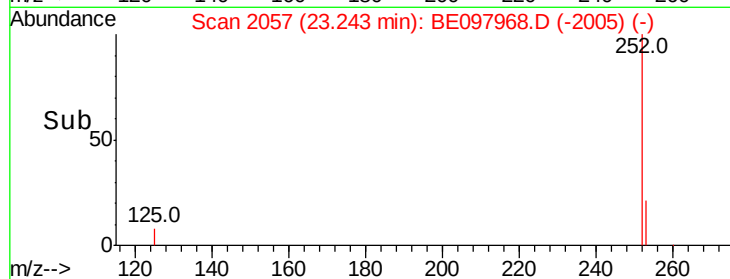
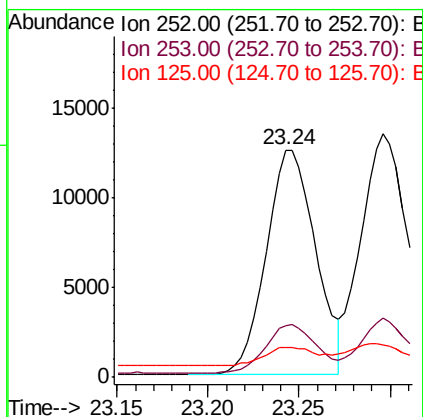
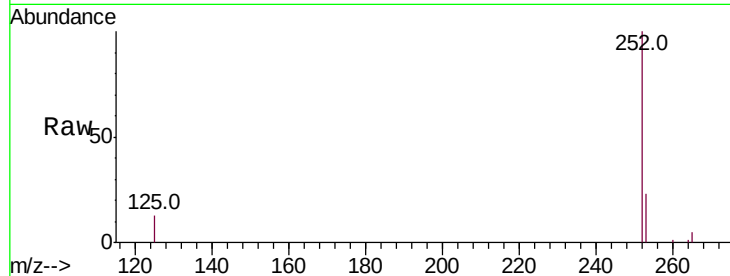




#35
Benzo(b)fluoranthene
Concen: 0.429 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

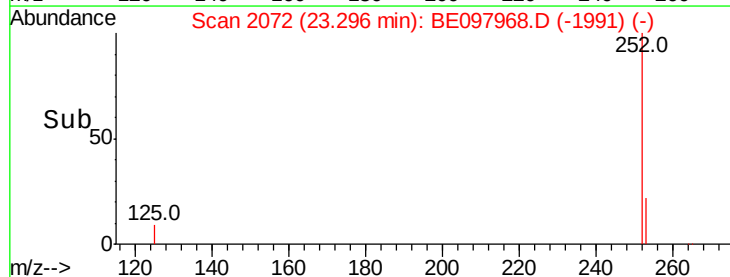
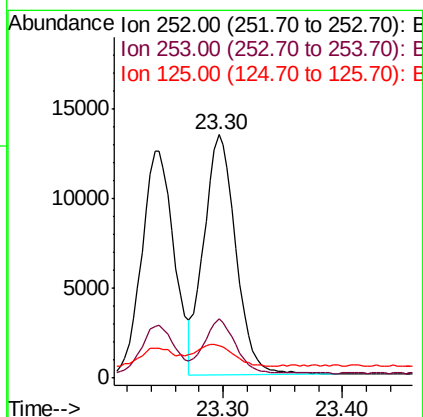
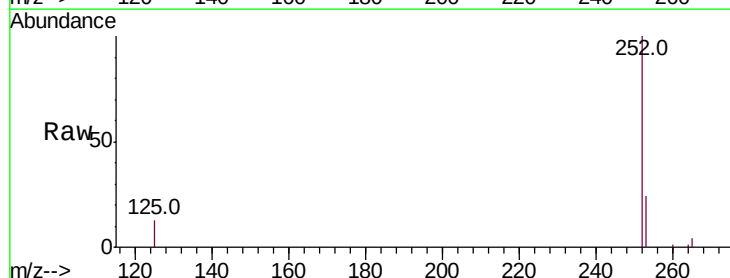
Instrument :
BNA_E
ClientSampleId :

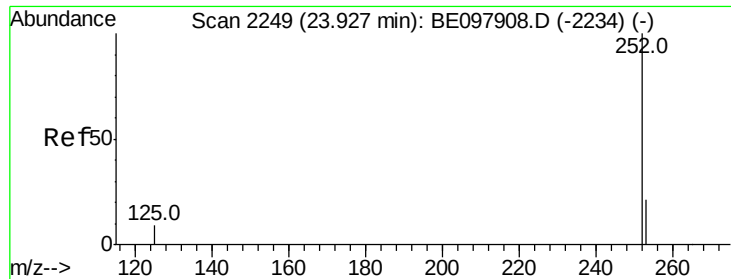
Tot Ion:252 Resp: 23608
Ion Ratio Lower Upper
252 100
253 22.6 20.6 31.0
125 13.0 14.3 21.5#



#36
Benzo(k)fluoranthene
Concen: 0.430 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097968.D
Acq: 18 Oct 2018 9:18

Tgt Ion:252 Resp: 24656
Ion Ratio Lower Upper
252 100
253 24.1 20.4 30.6
125 13.4 14.6 21.8#





#37

Benzo(a)pyrene

Concen: 0.433 ng

RT: 23.91 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Instrument :

BNA_E

ClientSampleId :

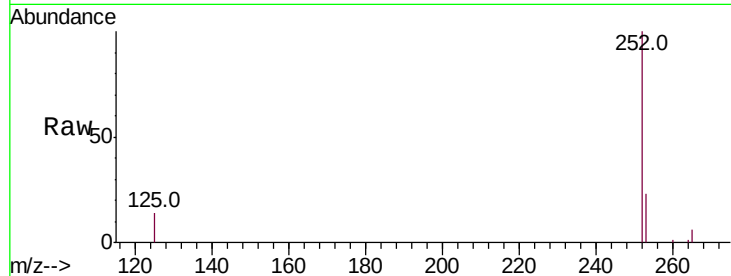
Tot Ion:252 Resp: 23263

Ion Ratio Lower Upper

252 100

253 23.3 20.6 31.0

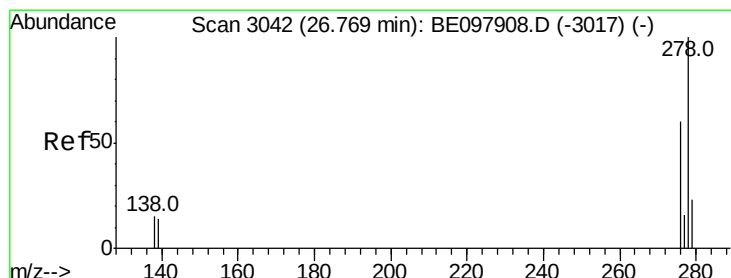
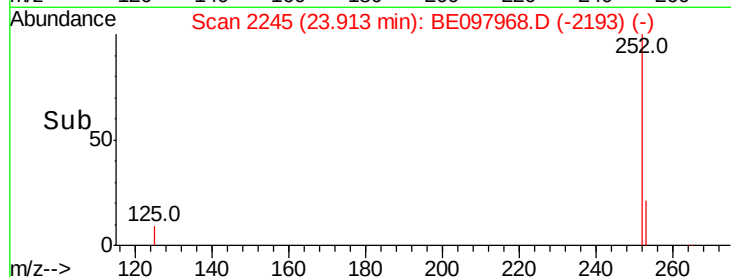
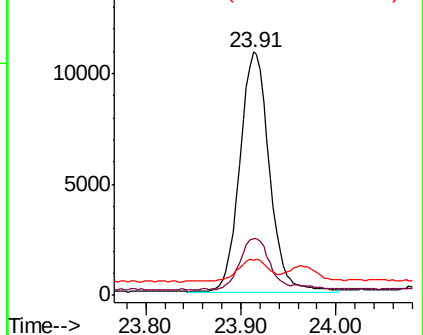
125 14.5 15.6 23.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.425 ng

RT: 26.75 min Scan# 3038

Delta R.T. -0.01 min

Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

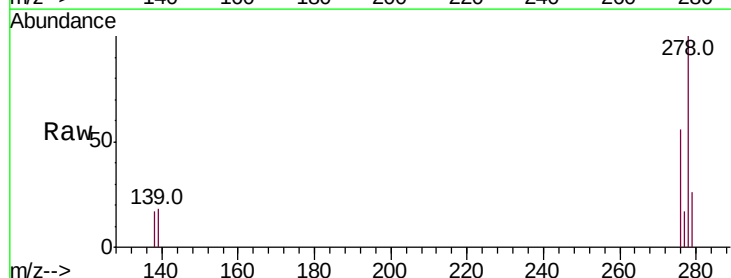
Tgt Ion:278 Resp: 22324

Ion Ratio Lower Upper

278 100

139 18.5 16.3 24.5

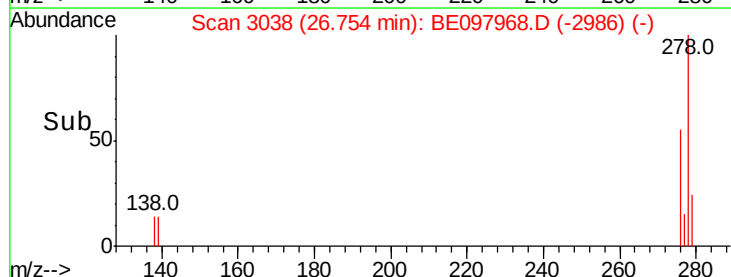
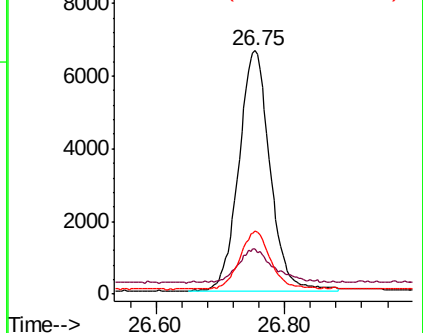
279 26.1 21.4 32.2

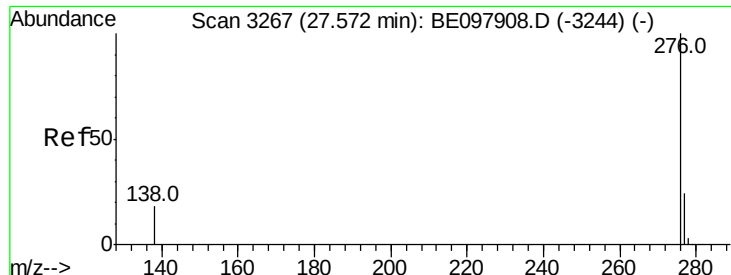


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.416 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.02 min

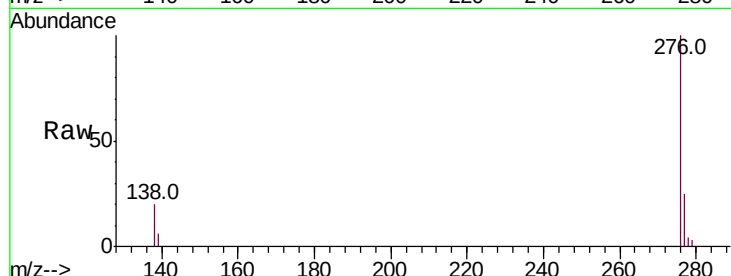
Lab File: BE097968.D

Acq: 18 Oct 2018 9:18

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 22416

Ion Ratio Lower Upper

276 100

277 24.6 22.1 33.1

138 20.3 19.3 28.9

