

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098143.D
 Acq On : 1 Nov 2018 13:04
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 13:34:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1131	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5559	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3716	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8823	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10388	0.40	ng	0.00
34) Perylene-d12	24.02	264	10009	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1272	0.38	ng	0.00
5) Phenol-d6	7.04	99	2123	0.38	ng	0.00
8) Nitrobenzene-d5	9.03	82	2331	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3783	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	596	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5695	0.37	ng	0.00
25) Fluoranthene-d10	19.32	212	41530	0.36	ng	0.00
29) Terphenyl-d14	19.91	244	8744	0.36	ng	0.00

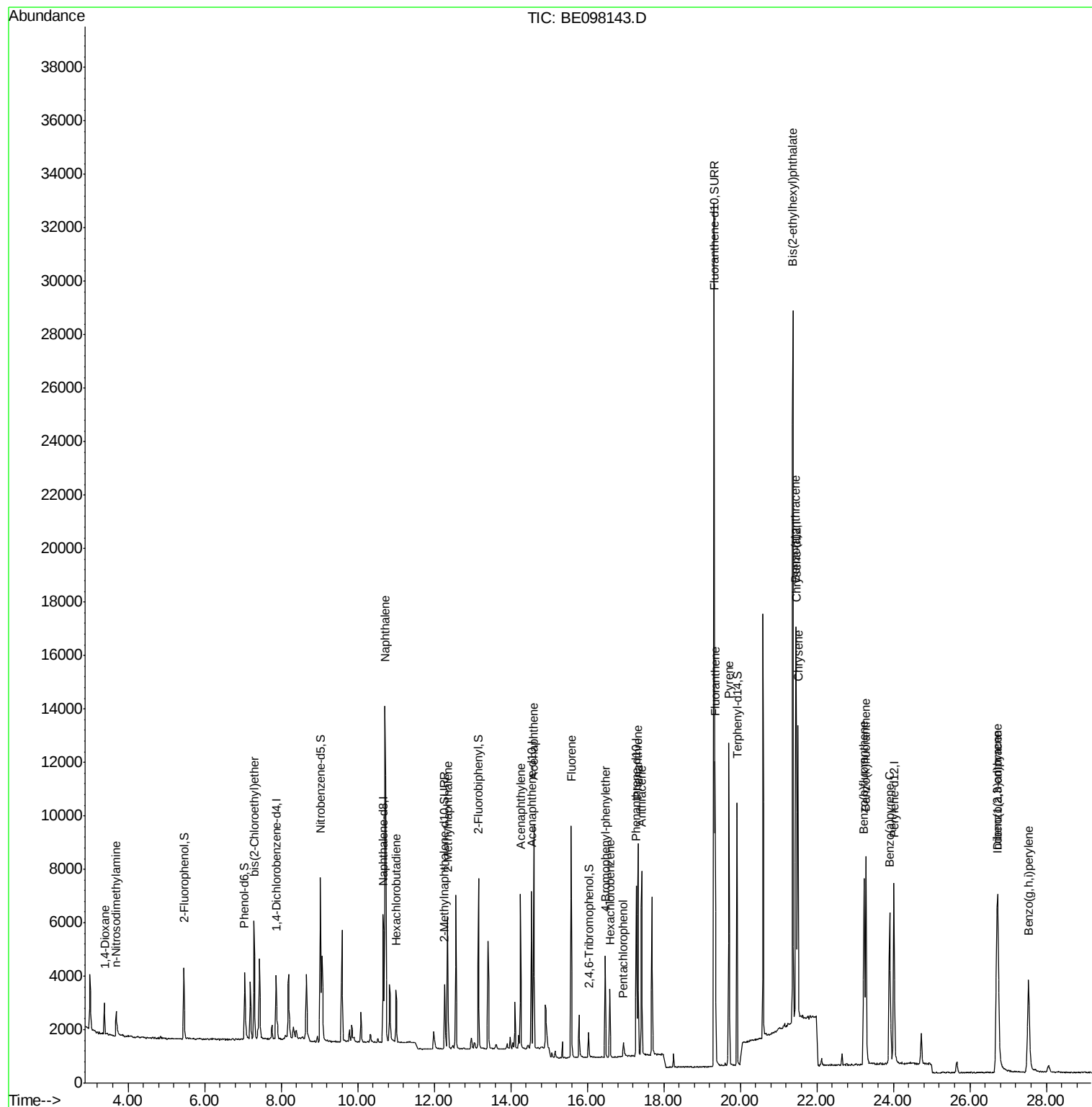
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	692	0.410	ng	# 92
3) n-Nitrosodimethylamine	3.69	42	954	0.423	ng	# 74
6) bis(2-Chloroethyl)ether	7.29	93	1534	0.379	ng	96
9) Naphthalene	10.72	128	21483	0.387	ng	99
10) Hexachlorobutadiene	11.00	225	1455	0.399	ng	96
12) 2-Methylnaphthalene	12.35	142	3784	0.382	ng	95
16) Acenaphthylene	14.25	152	6404	0.378	ng	99
17) Acenaphthene	14.60	154	4007	0.394	ng	99
18) Fluorene	15.58	166	5127	0.380	ng	98
20) 4-Bromophenyl-phenylether	16.48	248	2014	0.374	ng	# 91
21) Hexachlorobenzene	16.59	284	2137	0.380	ng	99
22) Pentachlorophenol	16.94	266	357	0.349	ng	93
23) Phenanthrene	17.33	178	8134	0.372	ng	99
24) Anthracene	17.42	178	7801	0.375	ng	99
26) Fluoranthene	19.34	202	10111	0.369	ng	96
28) Pyrene	19.71	202	10547	0.372	ng	99
30) Benzo(a)anthracene	21.45	228	11188	0.368	ng	98
31) Chrysene	21.51	228	11113	0.370	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	36268	0.390	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	11703	0.375	ng	# 85
35) Benzo(b)fluoranthene	23.23	252	10633	0.377	ng	# 90
36) Benzo(k)fluoranthene	23.28	252	10992	0.377	ng	# 89
37) Benzo(a)pyrene	23.90	252	10217	0.371	ng	# 90
38) Dibenzo(a,h)anthracene	26.73	278	9535	0.371	ng	97
39) Benzo(g,h,i)perylene	27.53	276	9466	0.370	ng	# 90

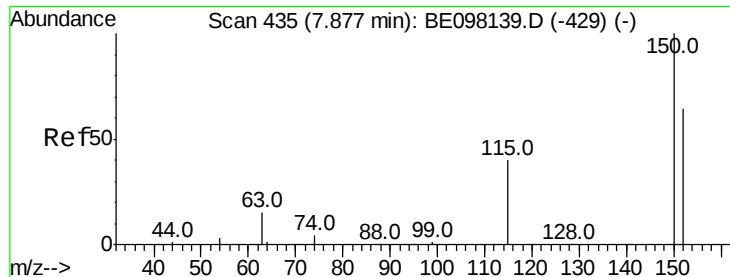
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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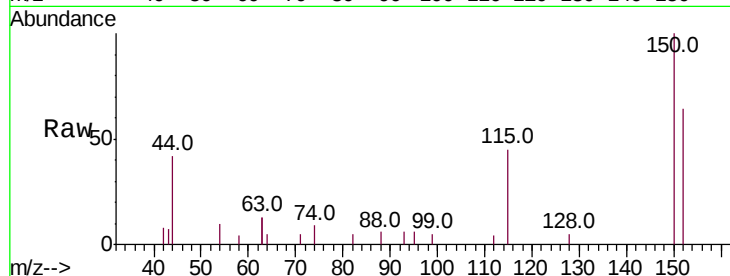


#1

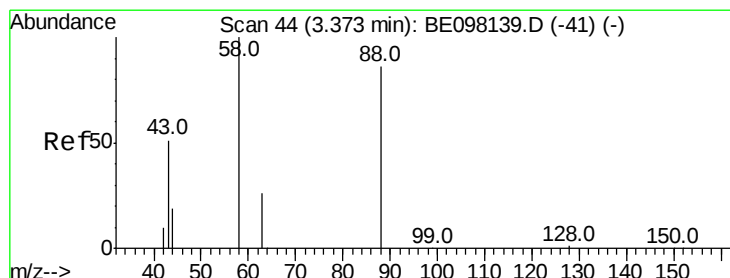
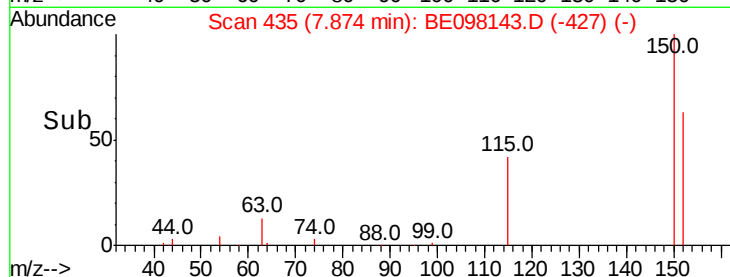
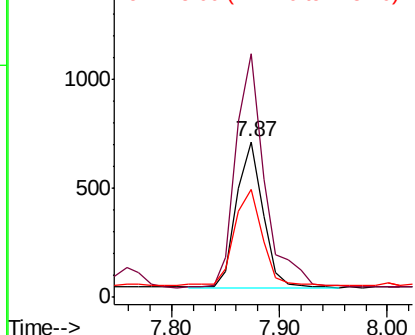
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098143.D
Acq: 1 Nov 2018 13:04

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1131
Ion Ratio Lower Upper
152 100
150 156.2 118.2 177.4
115 69.6 50.9 76.3



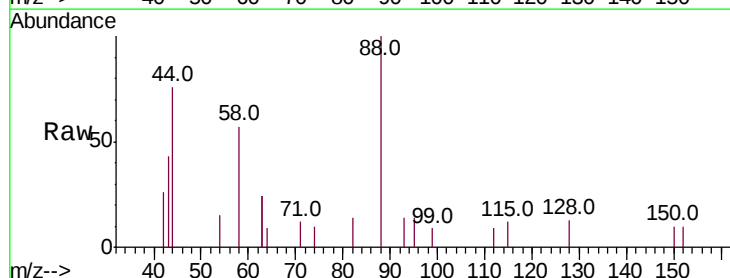
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



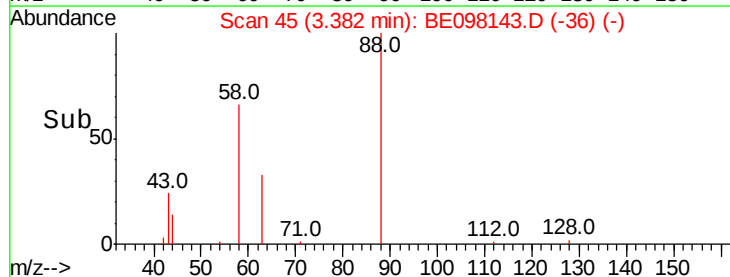
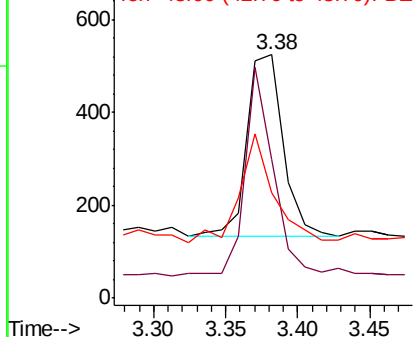
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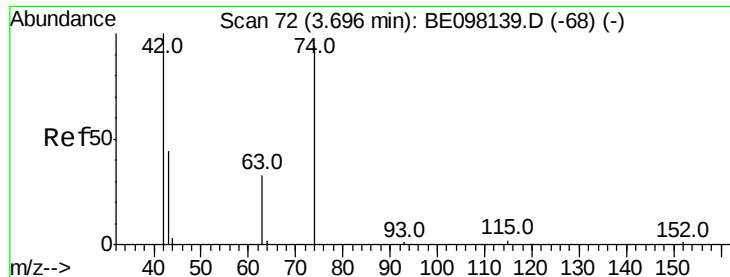
1,4-Dioxane
Concen: 0.410 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098143.D
Acq: 1 Nov 2018 13:04

Tgt Ion: 88 Resp: 692
Ion Ratio Lower Upper
88 100
58 88.2 73.2 109.8
43 56.5 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



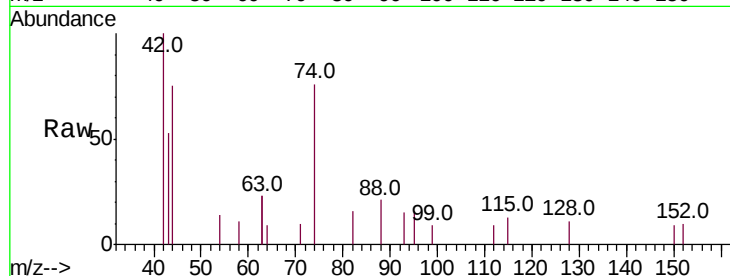


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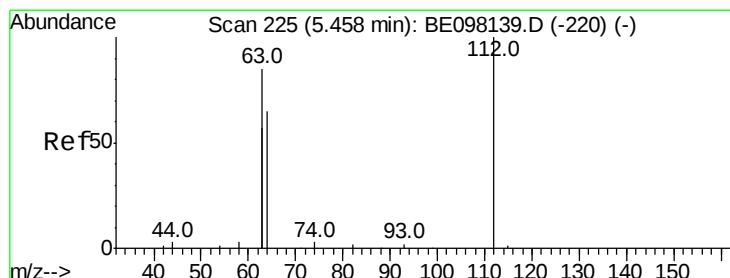
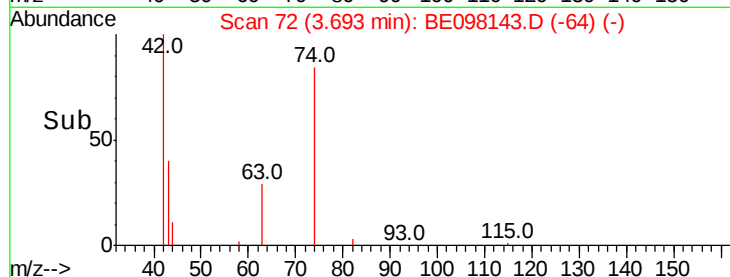
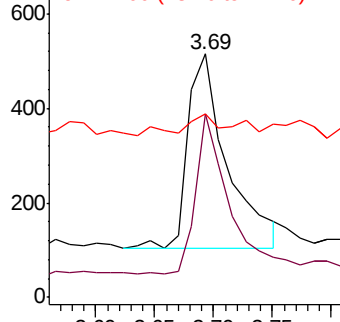
n-Nitrosodimethylamine
 Concen: 0.423 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098143.D
 Acq: 1 Nov 2018 13:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 954
 Ion Ratio Lower Upper
 42 100
 74 68.8 77.6 116.4#
 44 10.2 7.6 11.4



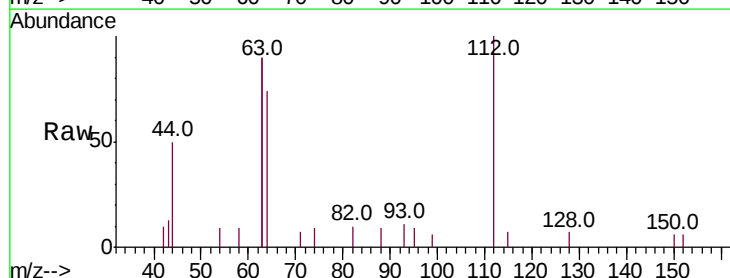
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



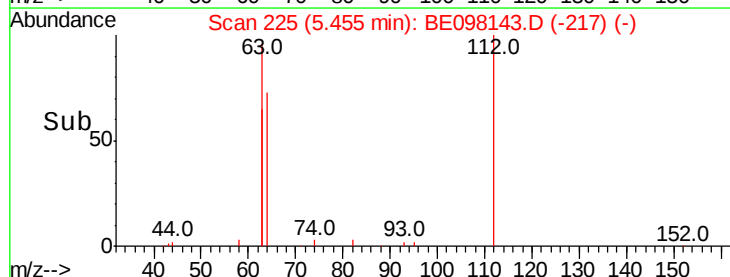
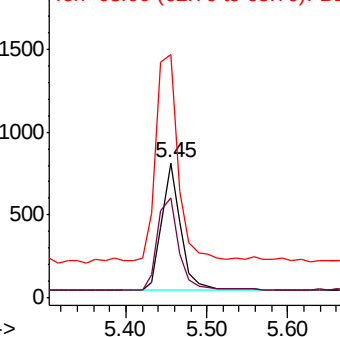
#4

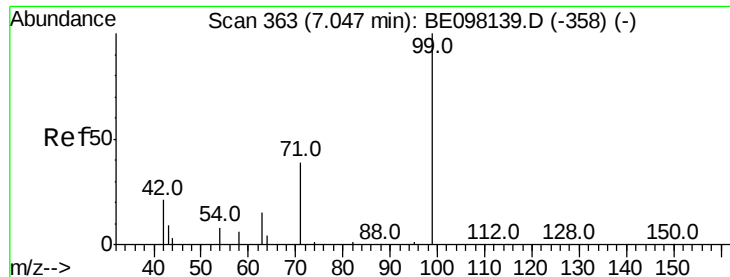
2-Fluorophenol
 Concen: 0.379 ng
 RT: 5.45 min Scan# 225
 Delta R.T. -0.00 min
 Lab File: BE098143.D
 Acq: 1 Nov 2018 13:04

Tgt Ion: 112 Resp: 1272
 Ion Ratio Lower Upper
 112 100
 64 81.9 58.9 88.3
 63 184.2 120.3 180.5#



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: 0.384 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampleId :

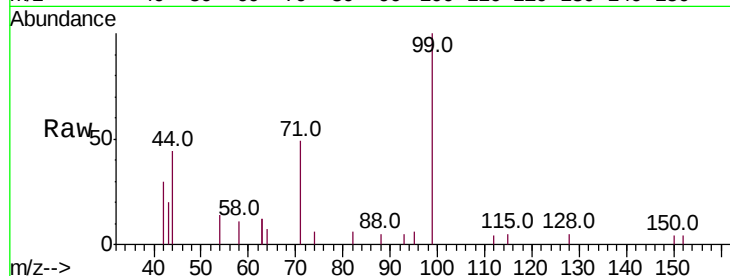
Tot Ion: 99 Resp: 2123

Ion Ratio Lower Upper

99 100

42 33.8 19.9 29.9#

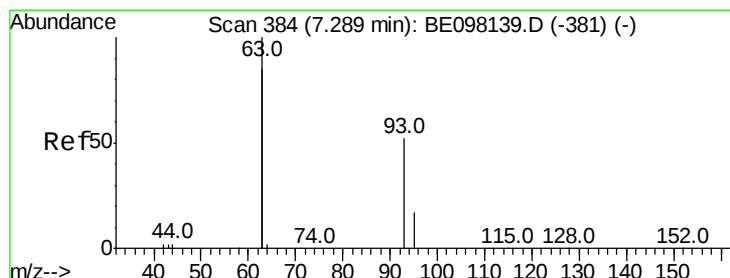
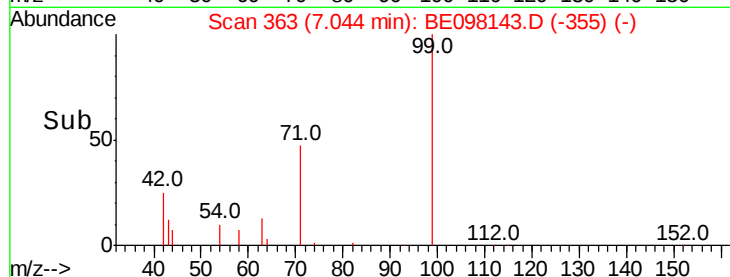
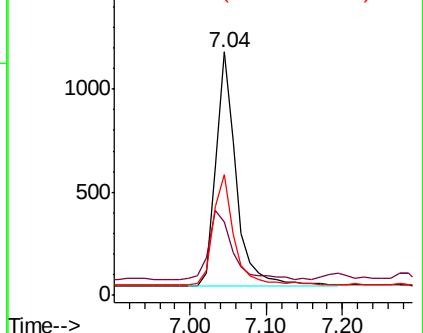
71 49.2 27.8 41.8#



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: 0.379 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

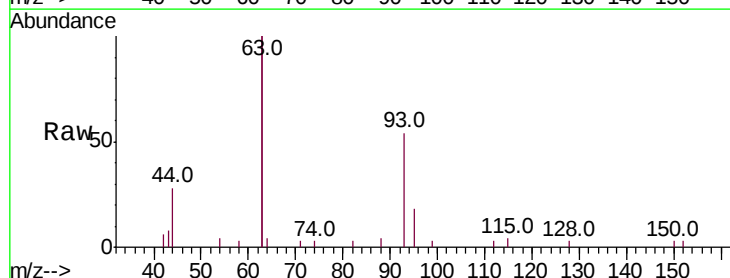
Tgt Ion: 93 Resp: 1534

Ion Ratio Lower Upper

93 100

63 331.7 259.0 388.4

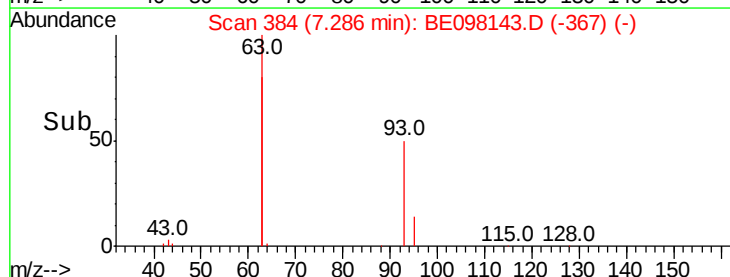
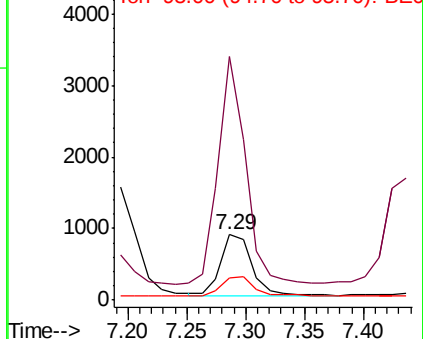
95 33.8 27.8 41.8

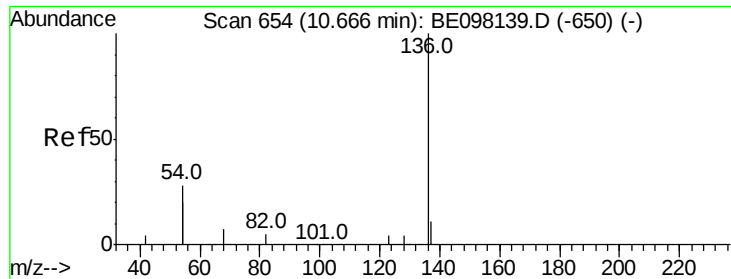


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5559

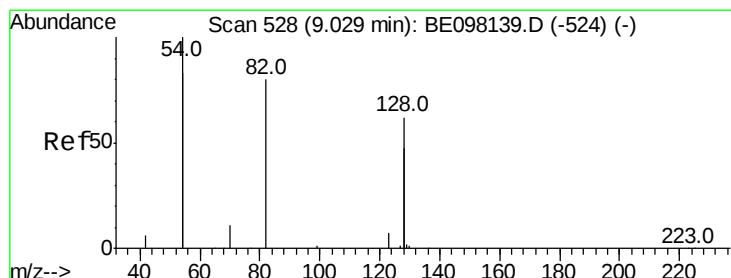
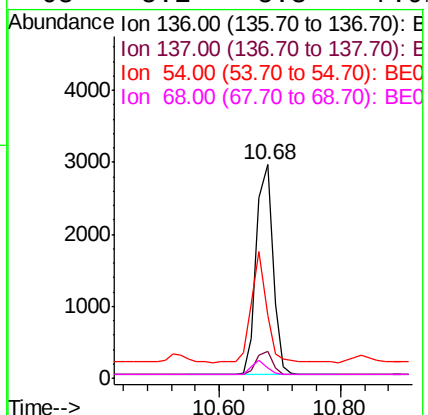
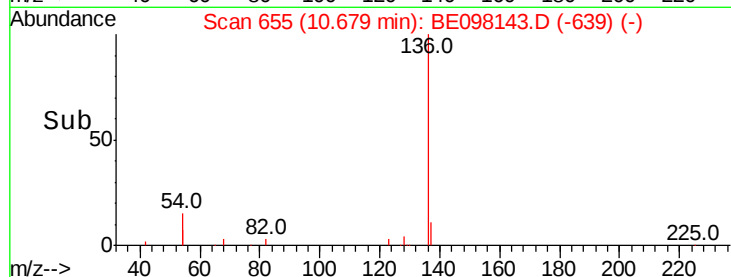
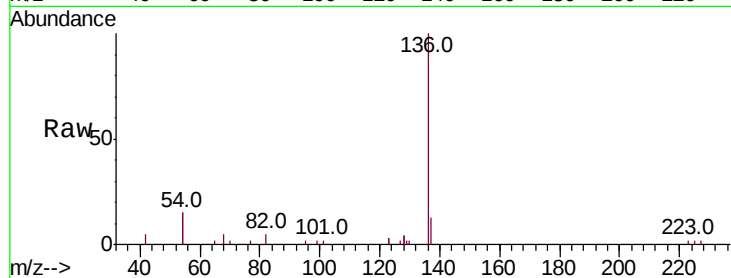
Ion Ratio Lower Upper

136 100

137 12.8 9.6 14.4

54 29.3 27.7 41.5

68 5.1 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.391 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

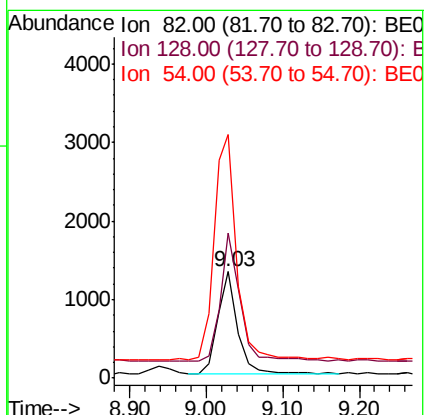
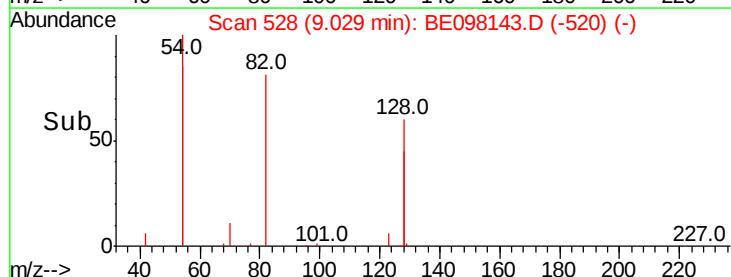
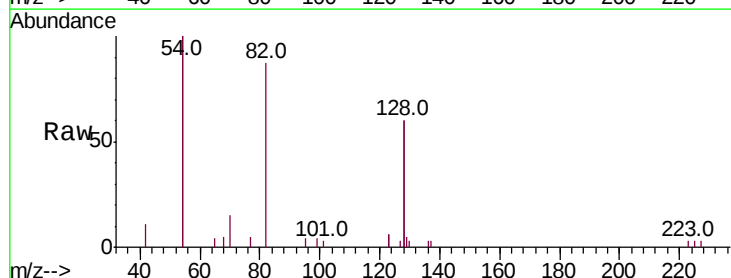
Tgt Ion: 82 Resp: 2331

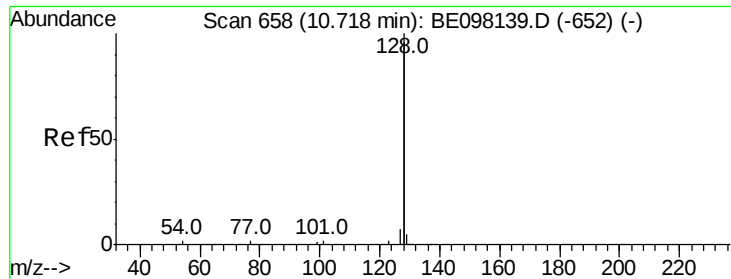
Ion Ratio Lower Upper

82 100

128 136.4 129.9 194.9

54 228.6 174.0 261.0





#9

Naphthalene

Concen: 0.387 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampleId :

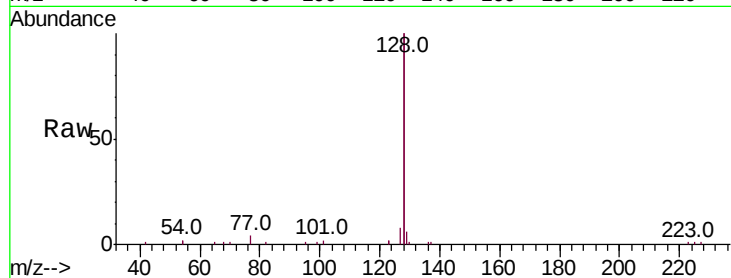
Tot Ion:128 Resp: 21483

Ion Ratio Lower Upper

128 100

129 3.2 2.5 3.7

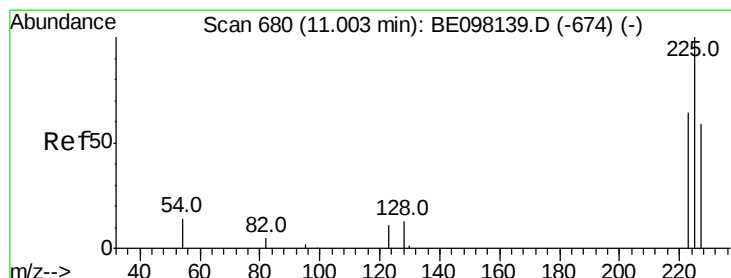
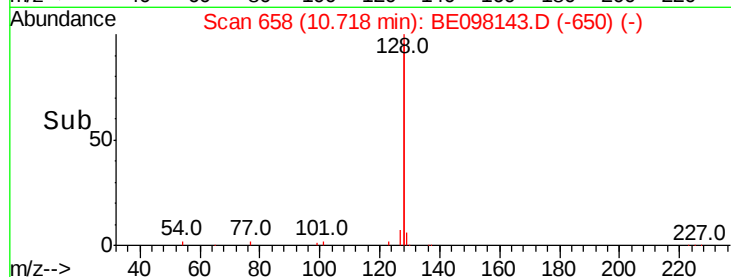
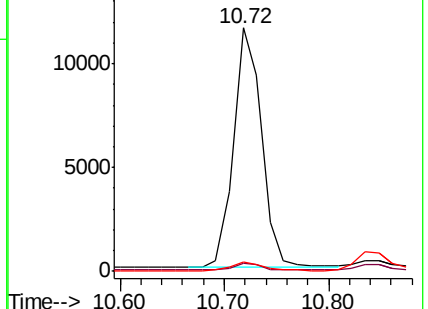
127 3.9 2.8 4.2



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: 0.399 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

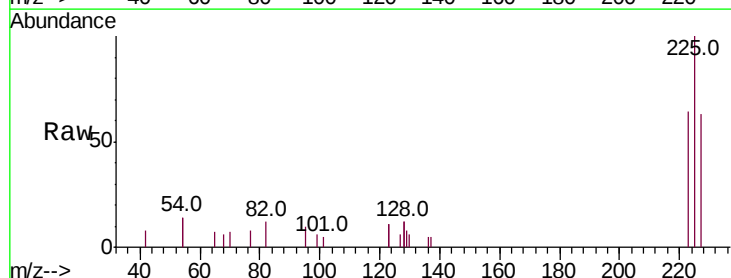
Tgt Ion:225 Resp: 1455

Ion Ratio Lower Upper

225 100

223 61.5 51.8 77.8

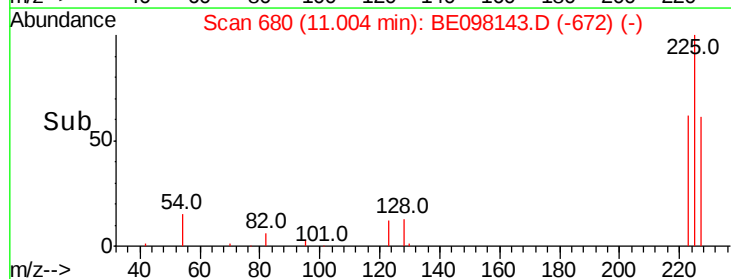
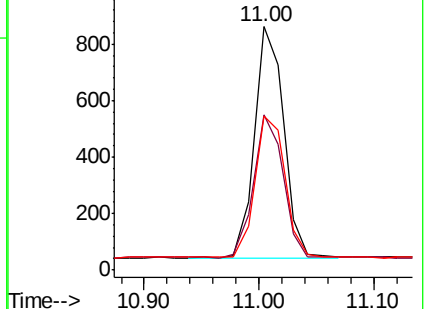
227 62.5 53.0 79.6

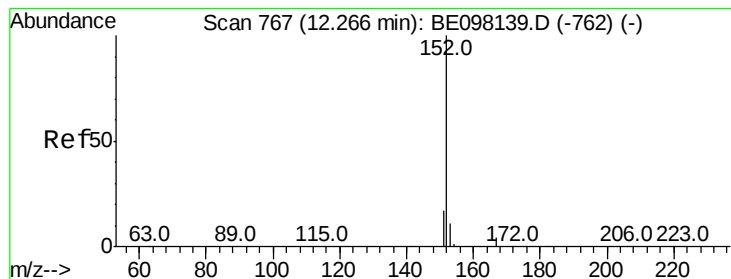


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

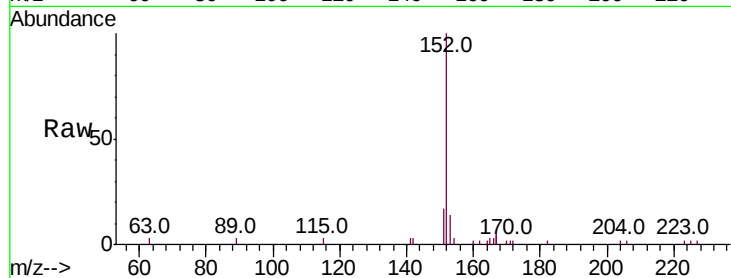
ClientSampleId :

Tot Ion:152 Resp: 3783

Ion Ratio Lower Upper

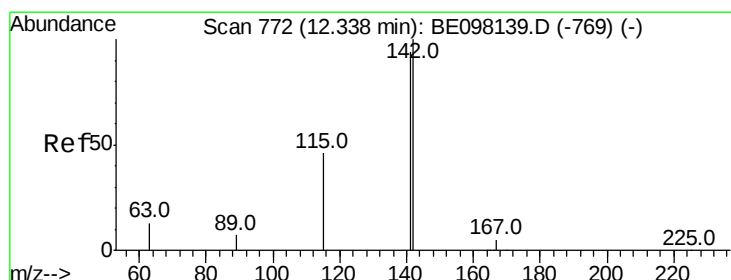
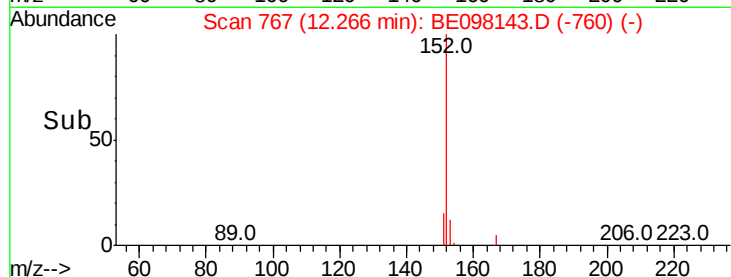
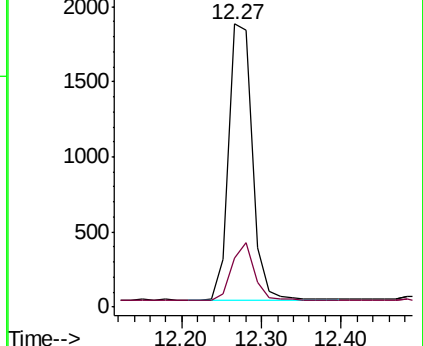
152 100

151 20.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.01 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

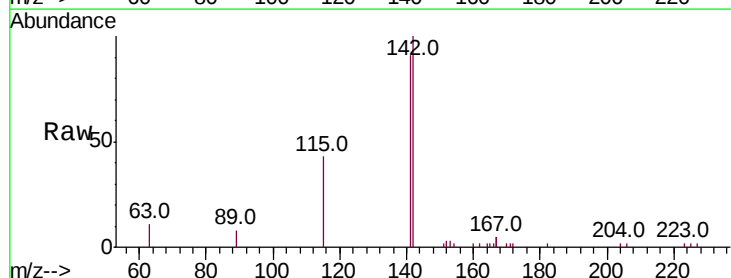
Tgt Ion:142 Resp: 3784

Ion Ratio Lower Upper

142 100

141 91.5 69.8 104.6

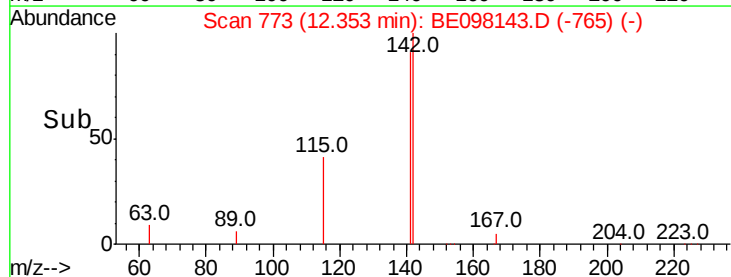
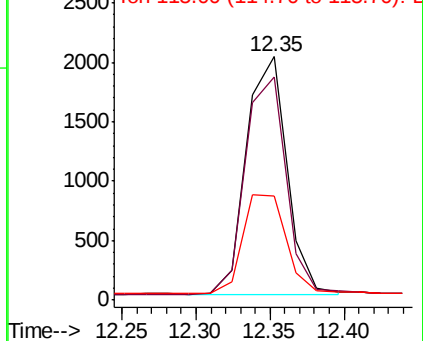
115 42.6 30.5 45.7

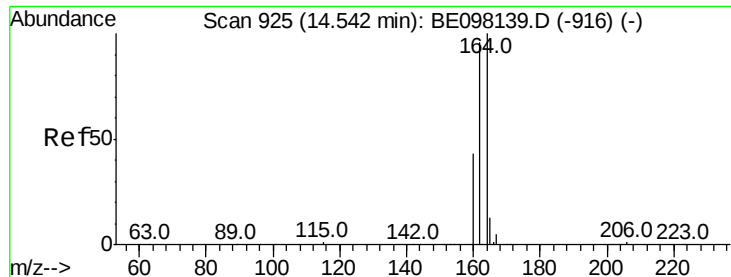


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

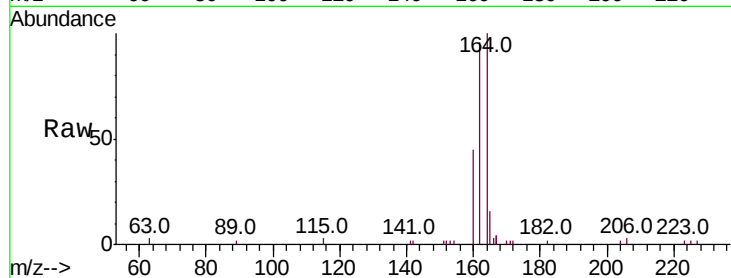
Instrument :

BNA_E

ClientSampleId :

Tot Ion:164 Resp: 3716

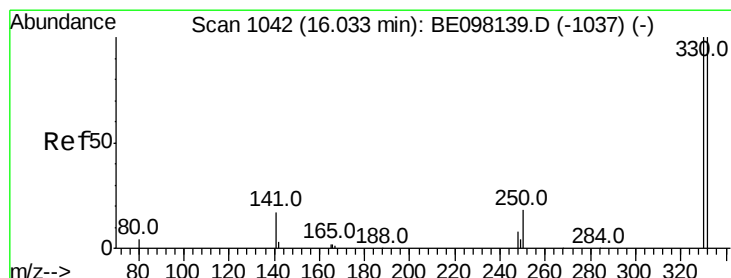
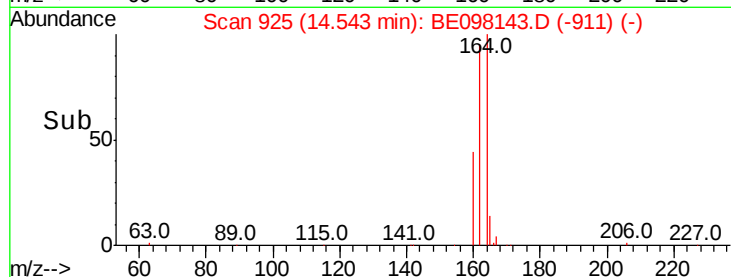
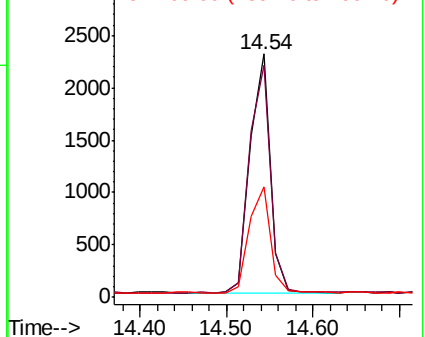
Ion	Ratio	Lower	Upper
164	100		
162	95.5	77.4	116.2
160	45.3	36.5	54.7



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: 0.339 ng

RT: 16.03 min Scan# 1042

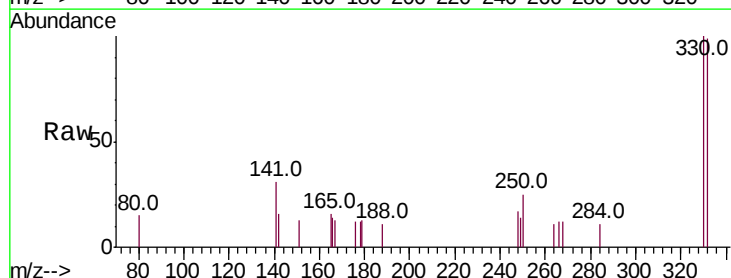
Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Tgt Ion:330 Resp: 596

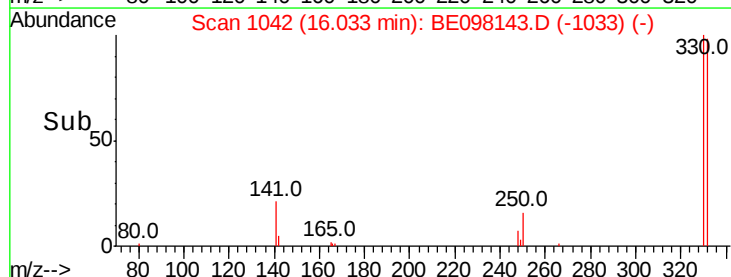
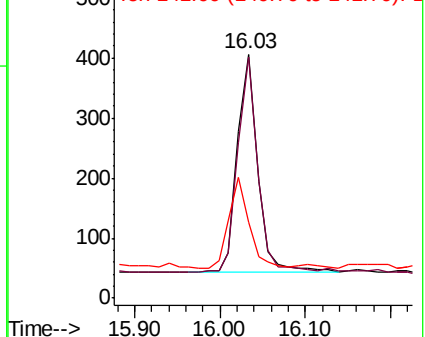
Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.5	114.7
141	43.1	31.8	47.6

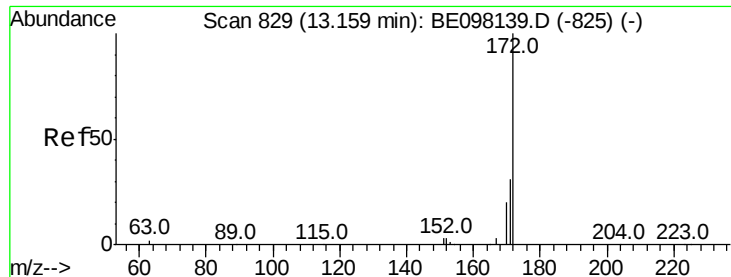


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

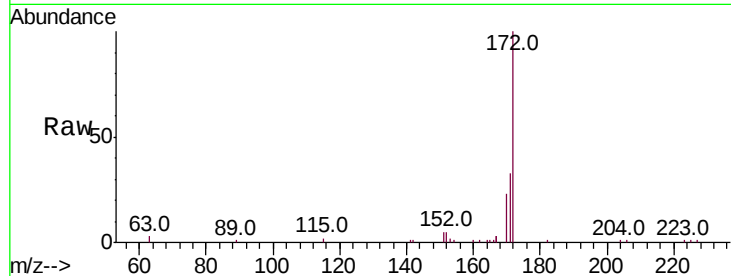




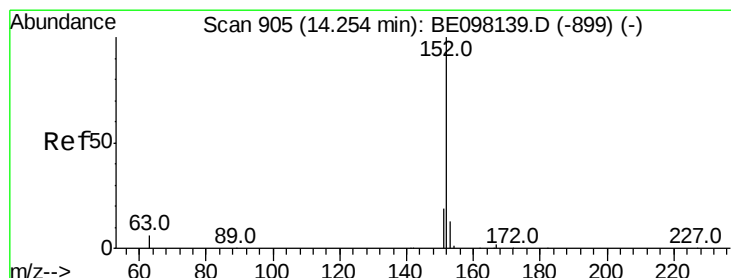
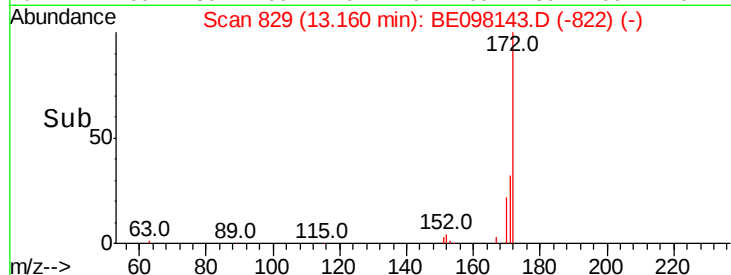
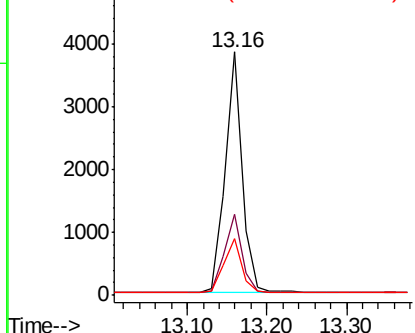
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098143.D
Acq: 1 Nov 2018 13:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5695
Ion Ratio Lower Upper
172 100
171 33.4 26.0 39.0
170 23.4 18.0 27.0

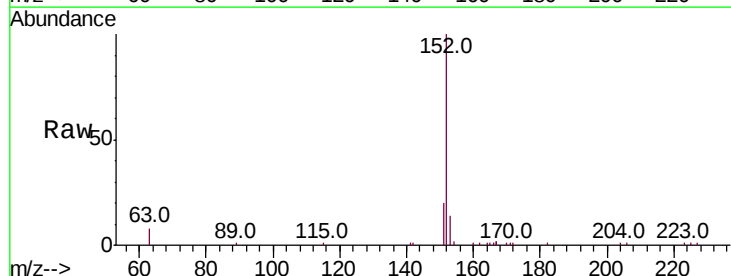


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

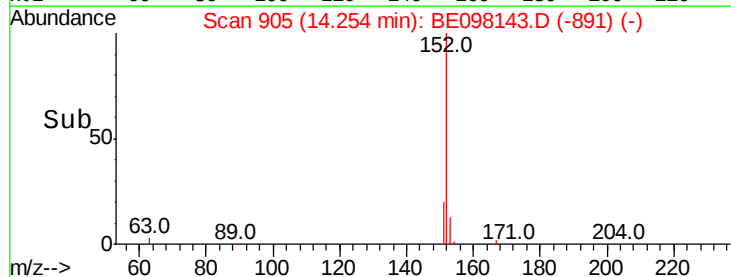
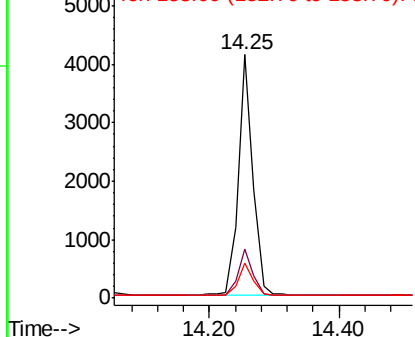


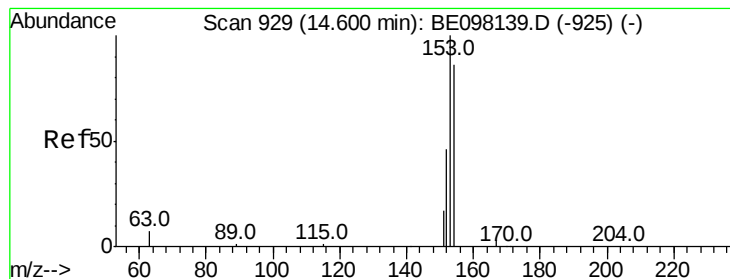
#16
Acenaphthylene
Concen: 0.378 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098143.D
Acq: 1 Nov 2018 13:04

Tgt Ion:152 Resp: 6404
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 13.6 10.9 16.3



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: 0.394 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampleId :

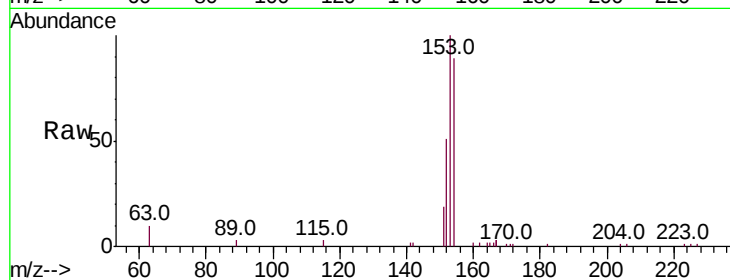
Tot Ion:154 Resp: 4007

Ion Ratio Lower Upper

154 100

153 115.0 92.6 139.0

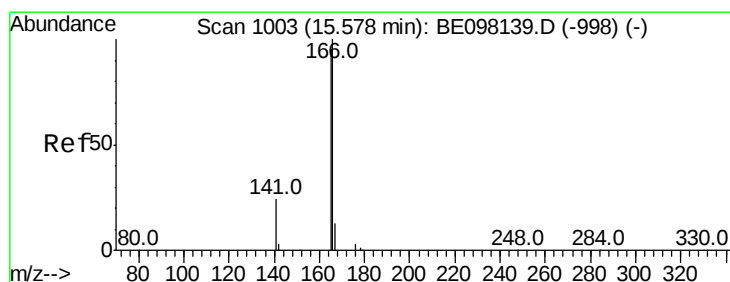
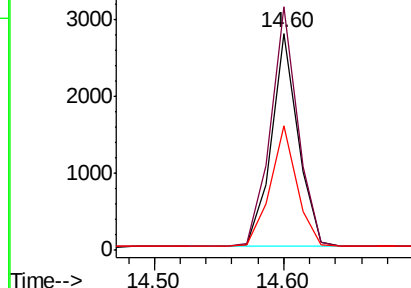
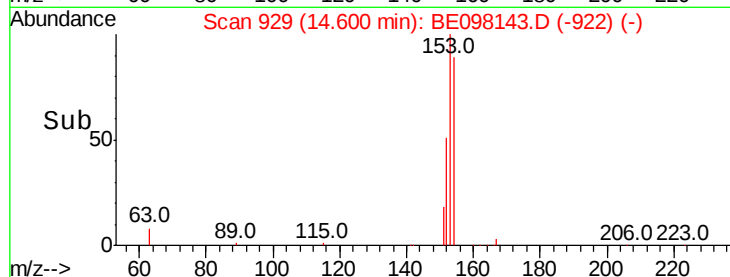
152 57.1 45.5 68.3



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: 0.380 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

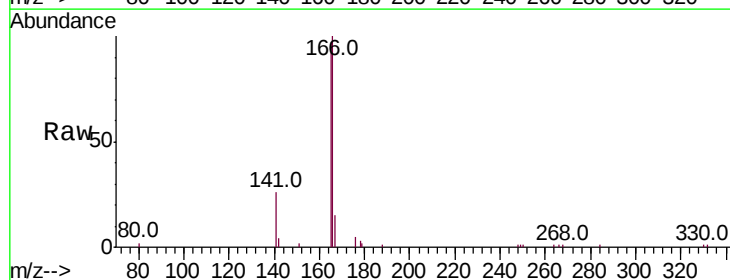
Tgt Ion:166 Resp: 5127

Ion Ratio Lower Upper

166 100

165 100.0 78.2 117.4

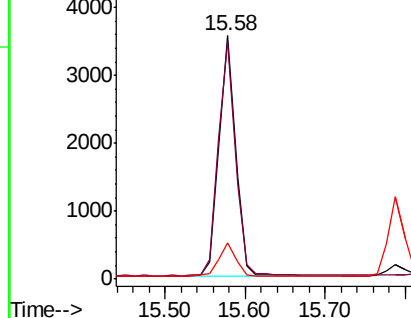
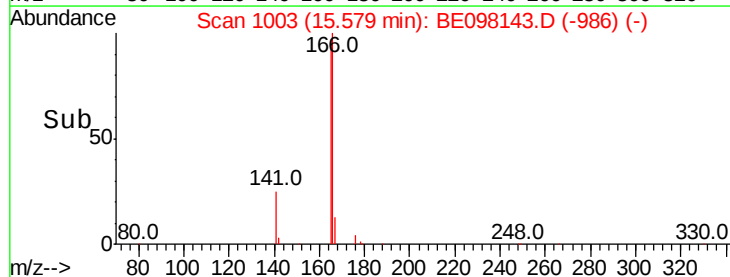
167 13.7 11.0 16.6

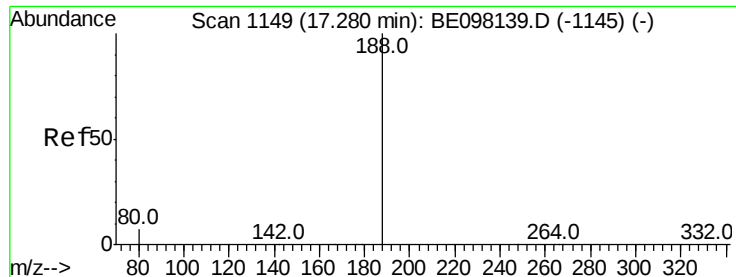


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampleId :

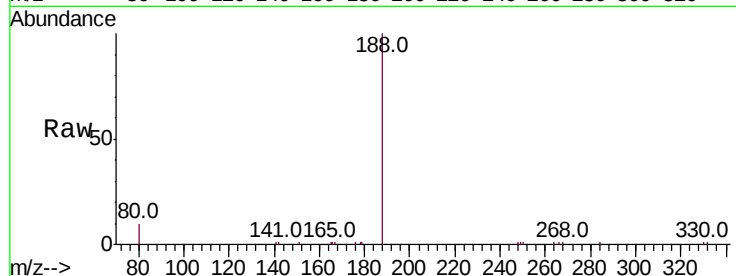
Tot Ion:188 Resp: 8823

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

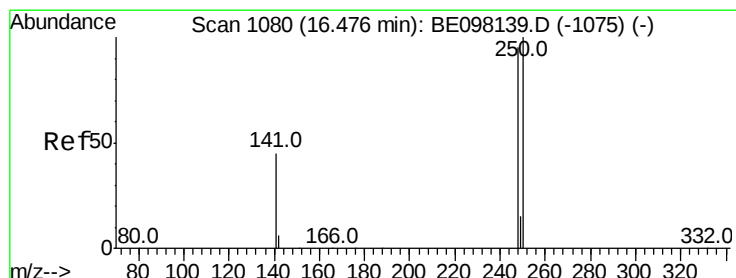
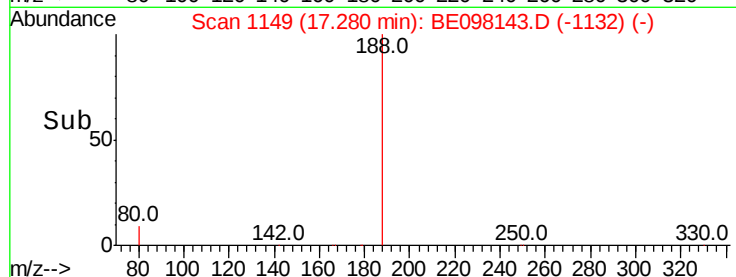
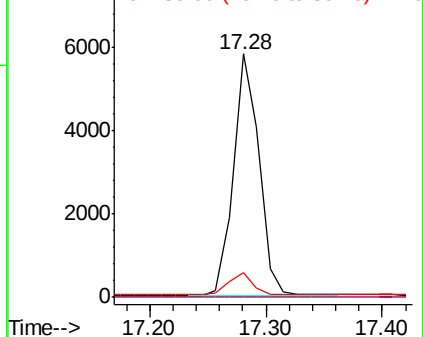
80 10.2 6.3 9.5#



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: 0.374 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

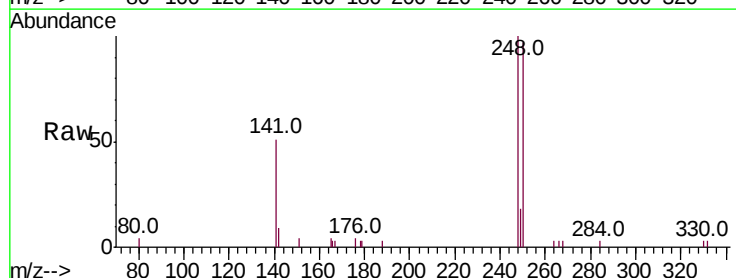
Tgt Ion:248 Resp: 2014

Ion Ratio Lower Upper

248 100

250 97.4 75.1 112.7

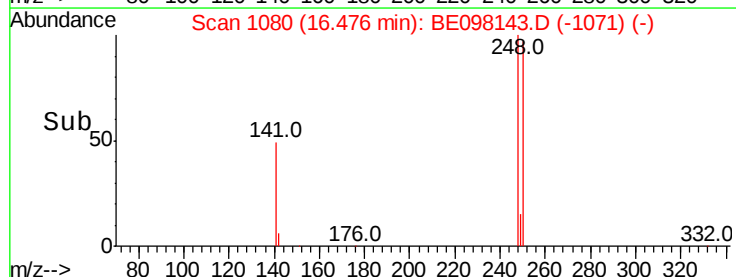
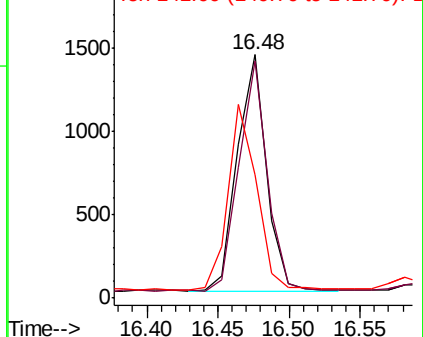
141 50.7 51.8 77.8#

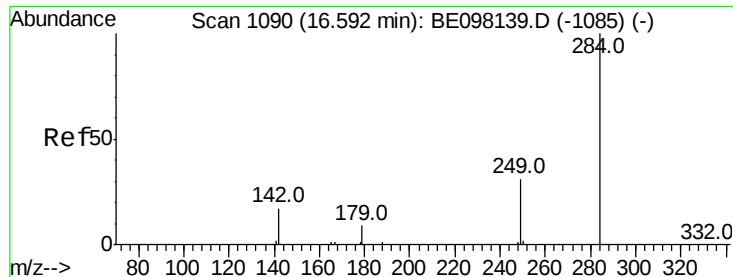


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

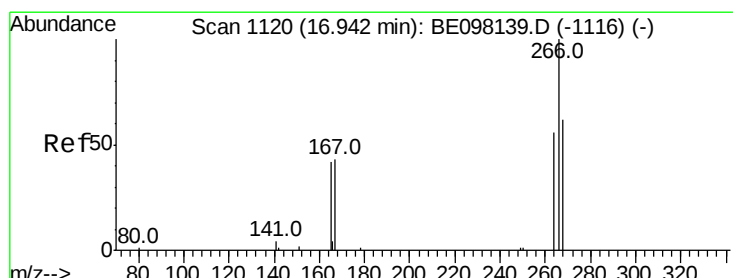
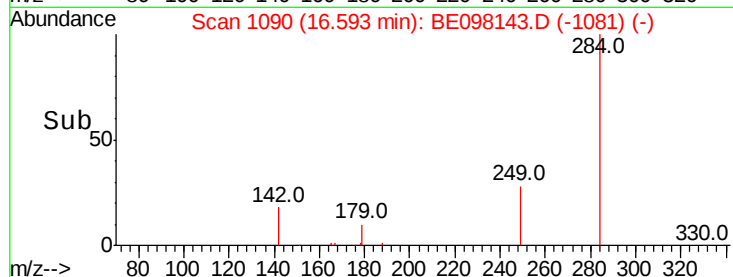
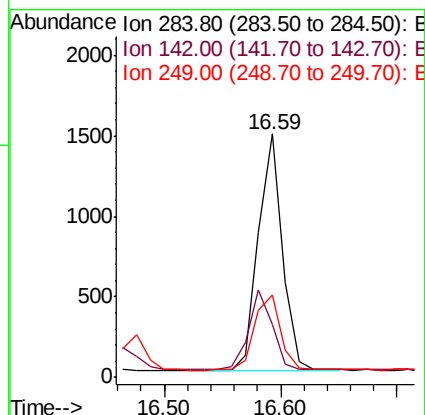
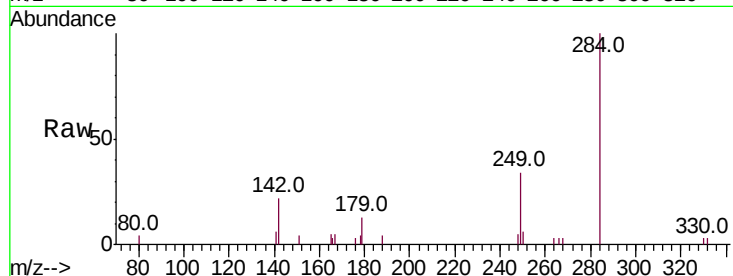




#21
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098143.D
Acq: 1 Nov 2018 13:04

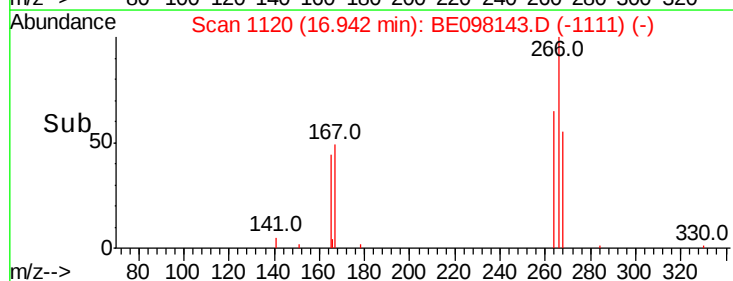
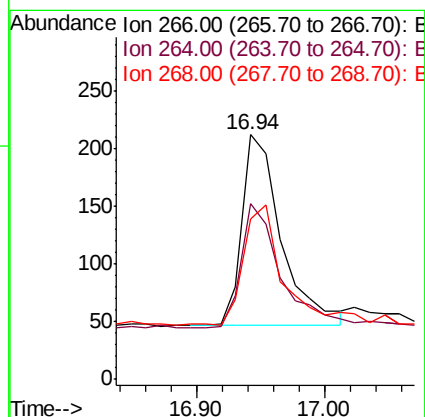
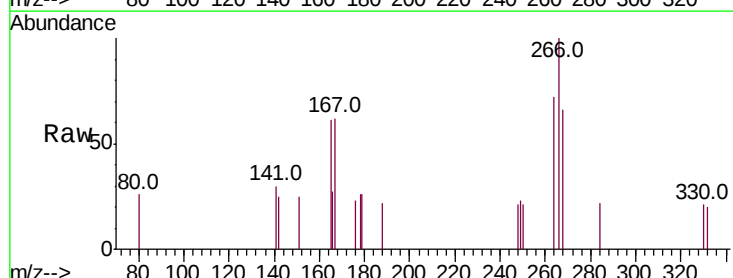
Instrument :
BNA_E
ClientSampleId :

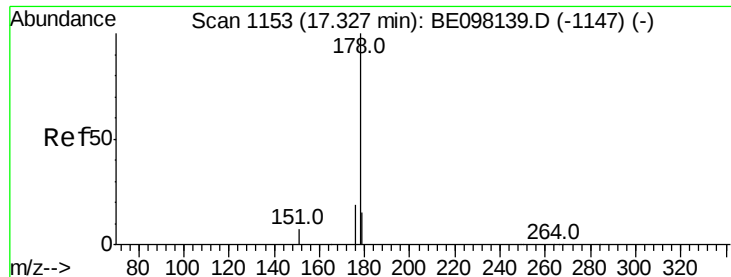
Tot Ion:284	Resp:	2137
Ion Ratio	Lower	Upper
284	100	
142	32.9	25.9 38.9
249	34.1	26.6 40.0



#22
Pentachlorophenol
Concen: 0.349 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098143.D
Acq: 1 Nov 2018 13:04

Tgt Ion:266	Resp:	357
Ion Ratio	Lower	Upper
266	100	
264	71.7	51.3 76.9
268	65.6	50.1 75.1





#23

Phenanthrene

Concen: 0.372 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampleId :

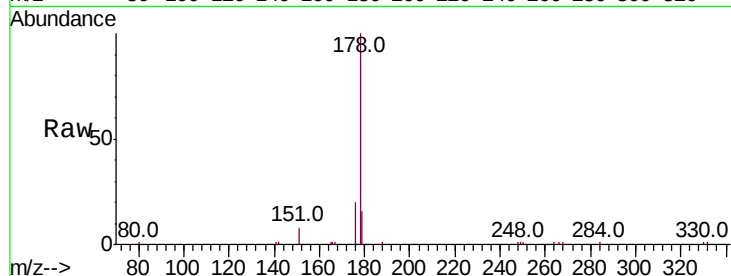
Tot Ion:178 Resp: 8134

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

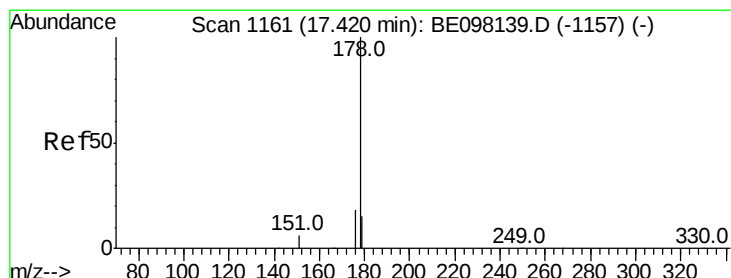
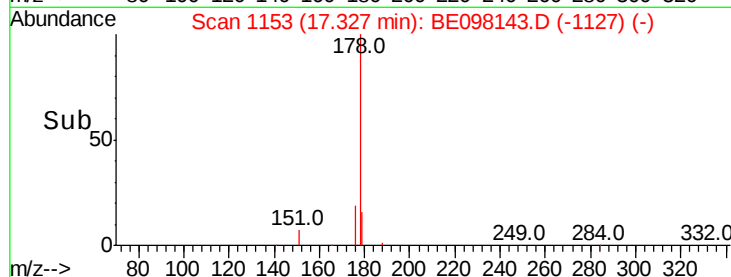
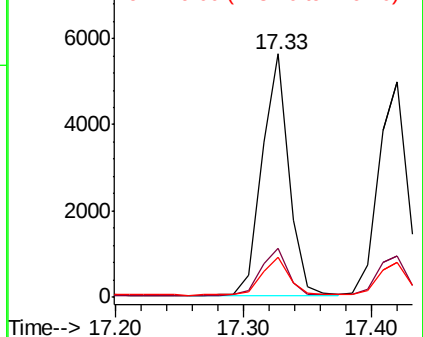
179 16.1 12.2 18.4



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: 0.375 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

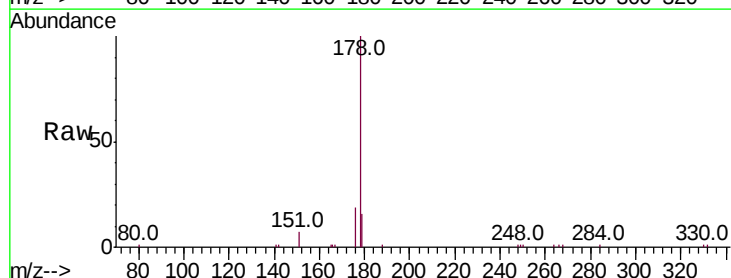
Tgt Ion:178 Resp: 7801

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

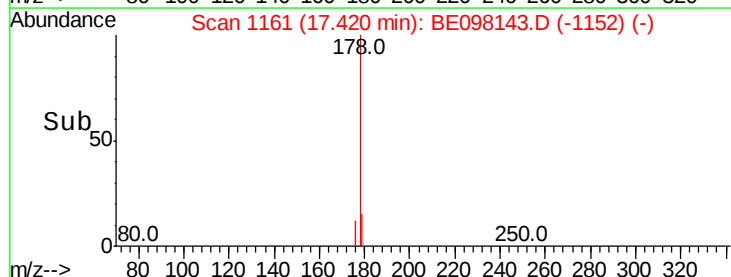
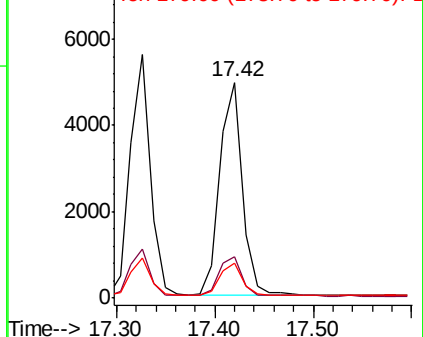
179 14.9 11.9 17.9

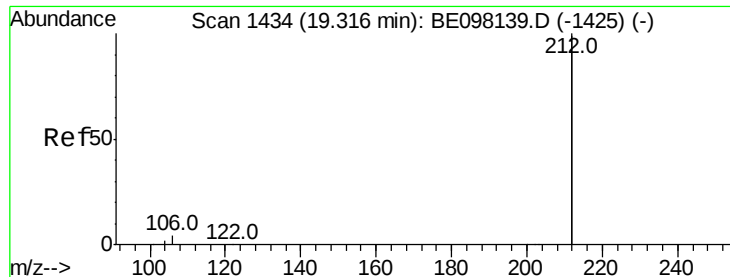


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.32 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098143.D

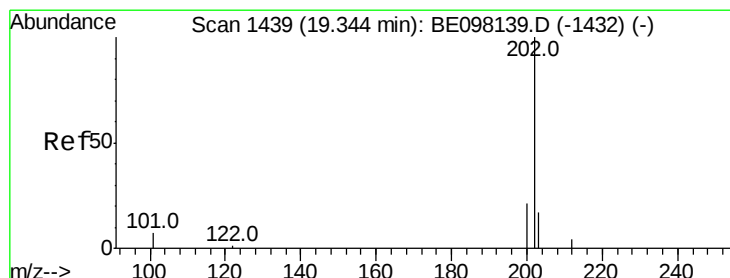
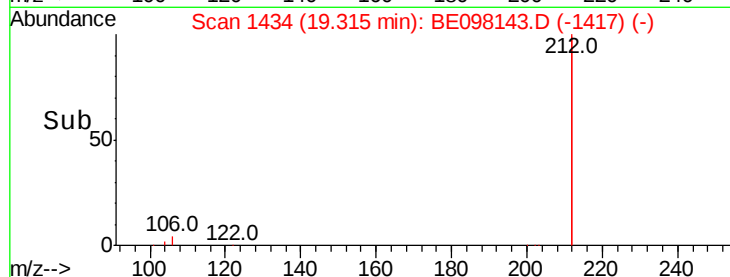
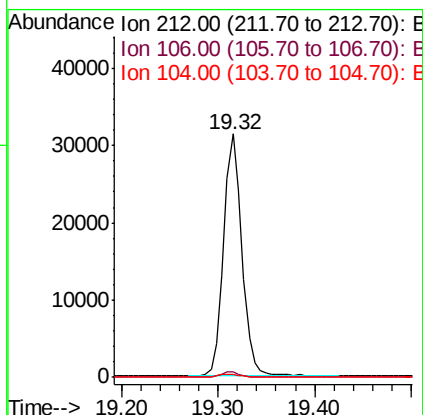
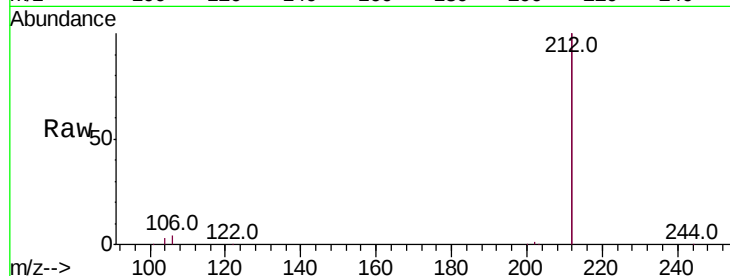
Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:212	Resp:	41530
Ion Ratio	Lower	Upper
212	100	
106	2.1	2.3 3.5#
104	1.2	1.3 1.9#



#26

Fluoranthene

Concen: 0.369 ng

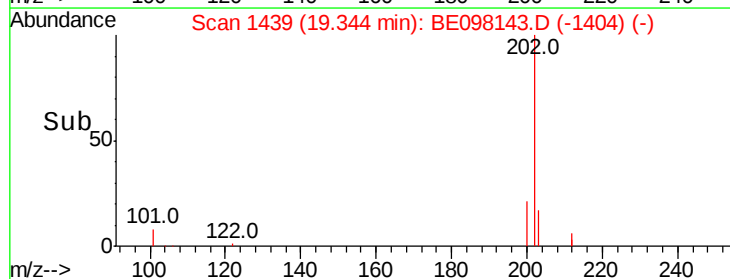
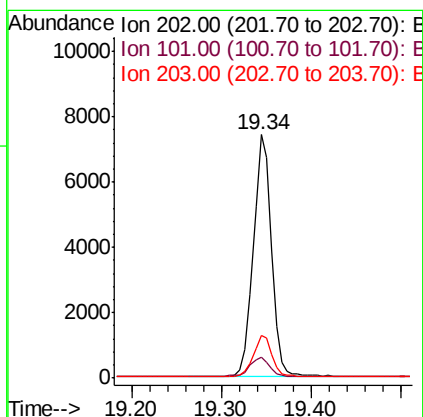
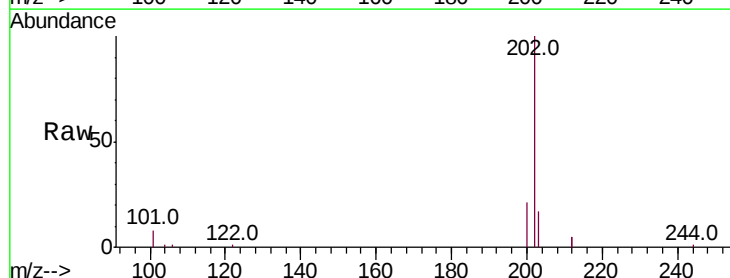
RT: 19.34 min Scan# 1439

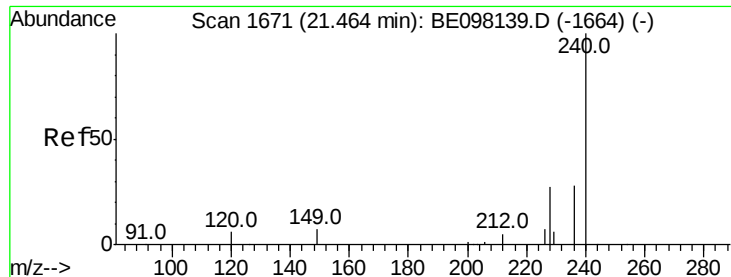
Delta R.T. -0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Tgt Ion:202	Resp:	10111
Ion Ratio	Lower	Upper
202	100	
101	8.4	8.2 12.2
203	16.9	15.0 22.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampled :

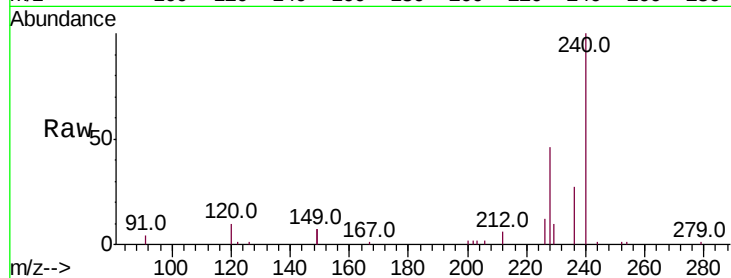
Tot Ion:240 Resp: 10388

Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

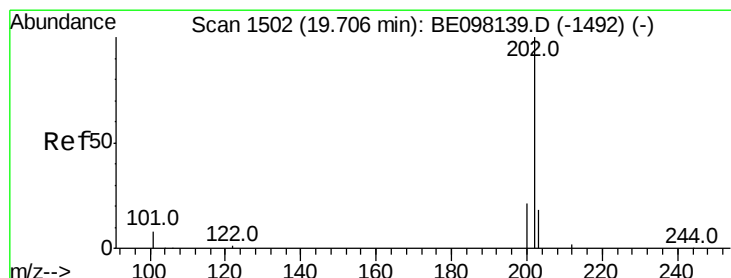
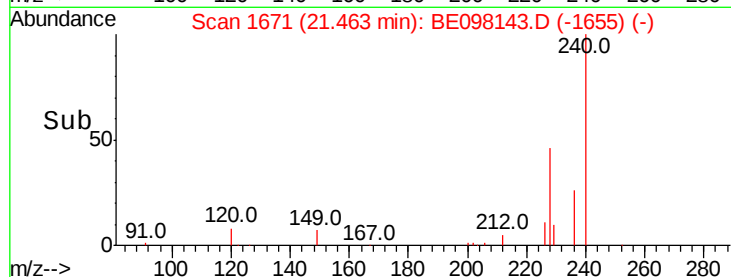
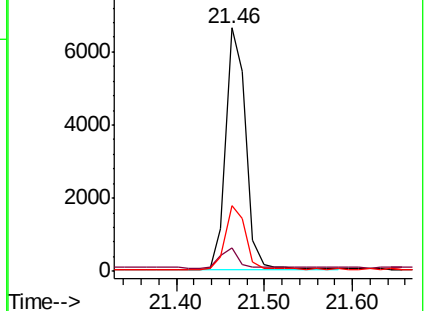
236 27.1 21.3 31.9



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: 0.372 ng

RT: 19.71 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

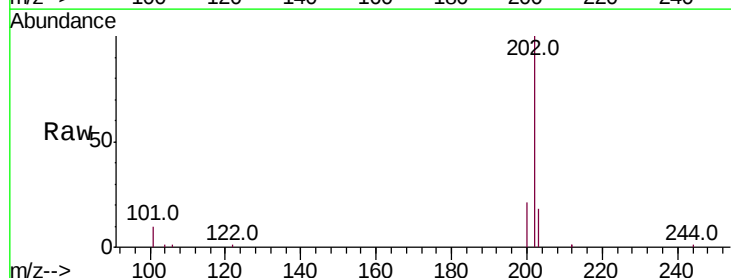
Tgt Ion:202 Resp: 10547

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

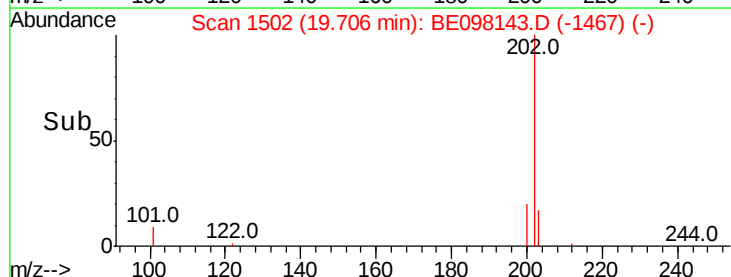
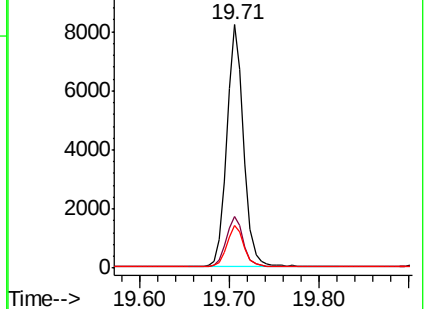
203 17.4 14.2 21.4

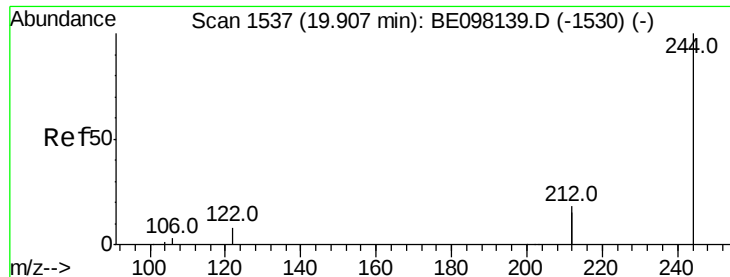


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.362 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampleId :

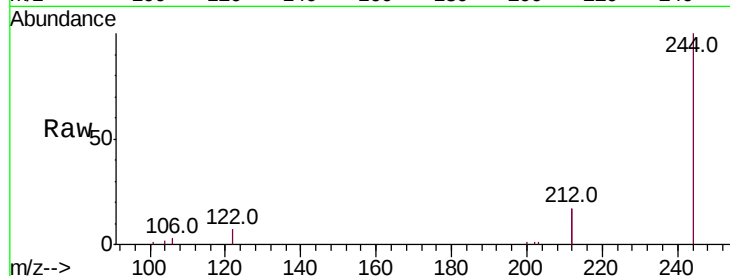
Tot Ion:244 Resp: 8744

Ion Ratio Lower Upper

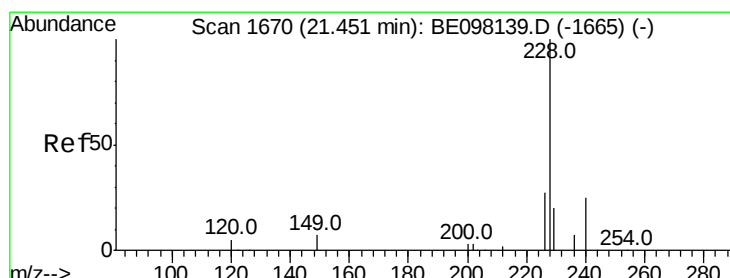
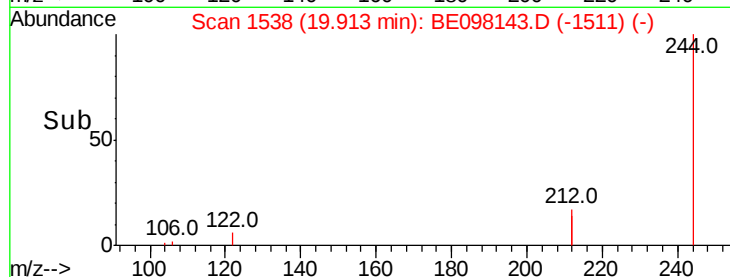
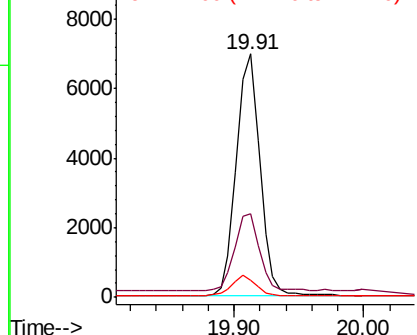
244 100

212 34.1 26.2 39.2

122 7.2 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: 0.368 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

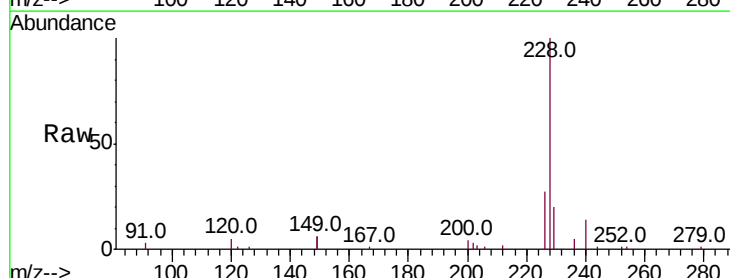
Tgt Ion:228 Resp: 11188

Ion Ratio Lower Upper

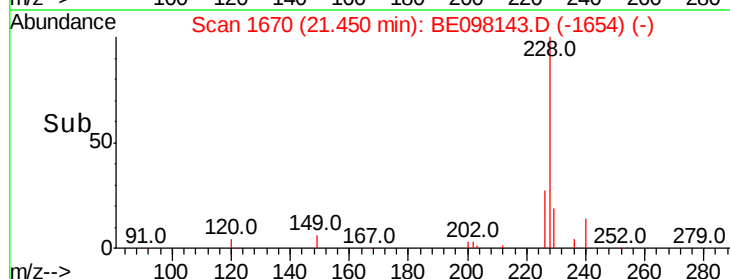
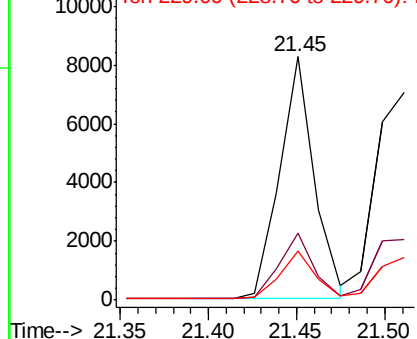
228 100

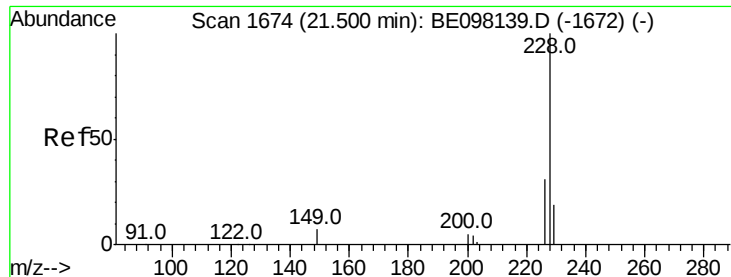
226 27.3 22.6 33.8

229 19.9 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: 0.370 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

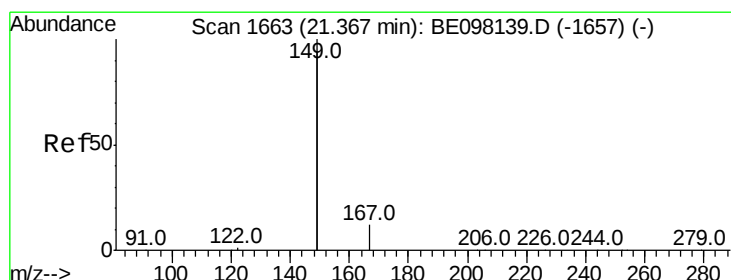
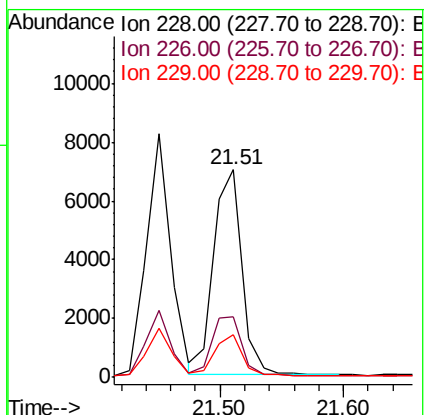
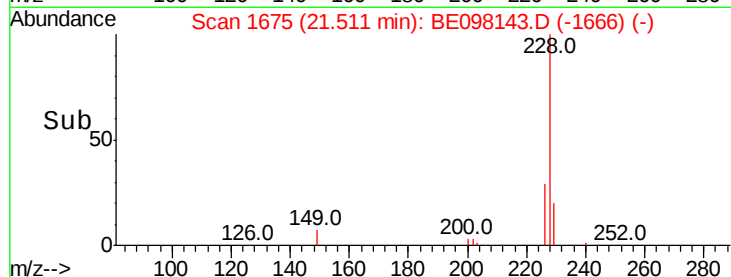
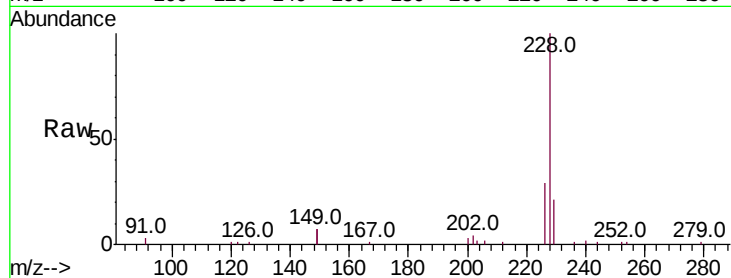
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 11113

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.3	36.5
229	20.5	17.3	25.9



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.390 ng

RT: 21.38 min Scan# 1664

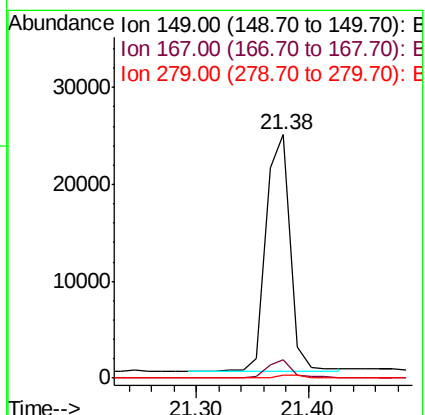
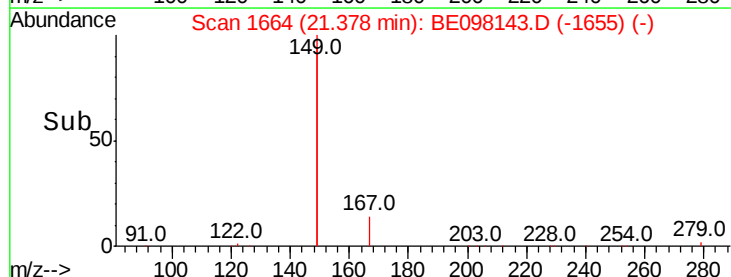
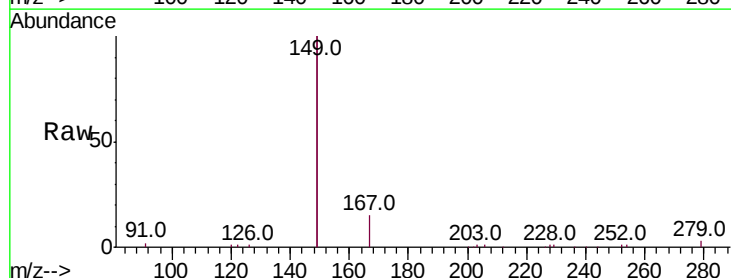
Delta R.T. 0.01 min

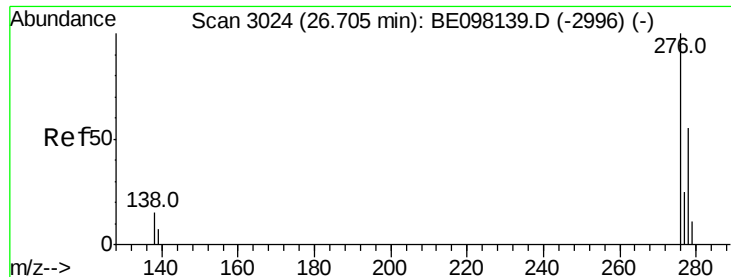
Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Tgt Ion:149 Resp: 36268

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.2	0.9	1.3

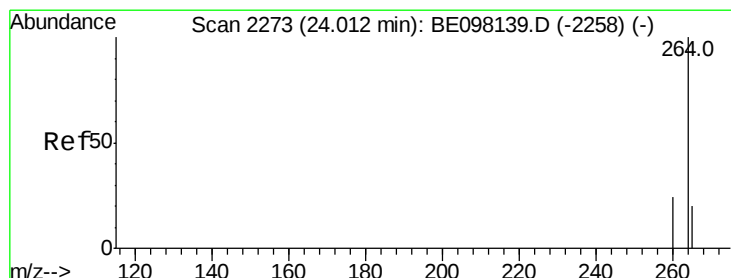
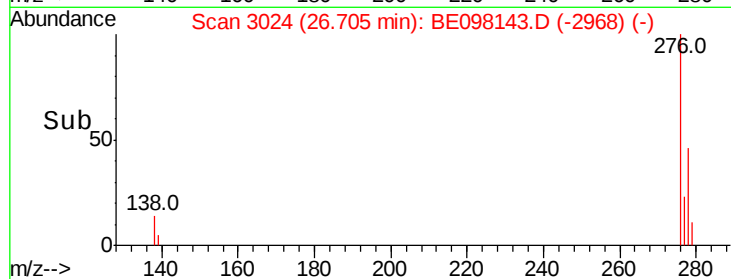
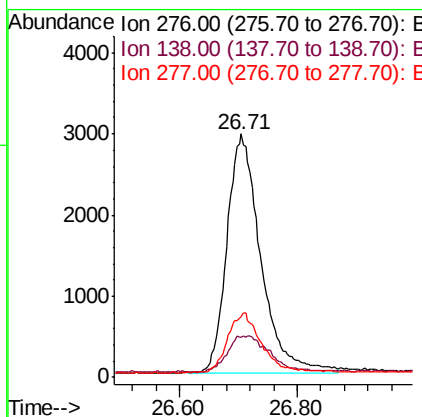
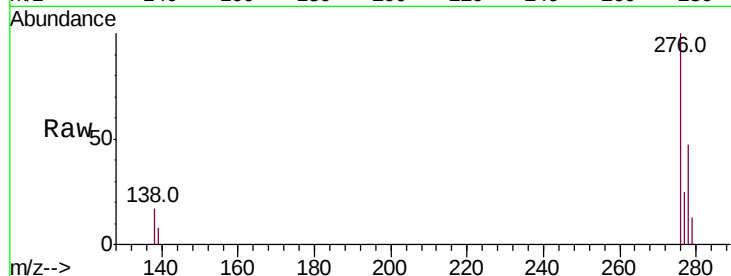




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.375 ng
 RT: 26.71 min Scan# 3024
 Delta R.T. 0.00 min
 Lab File: BE098143.D
 Acq: 1 Nov 2018 13:04

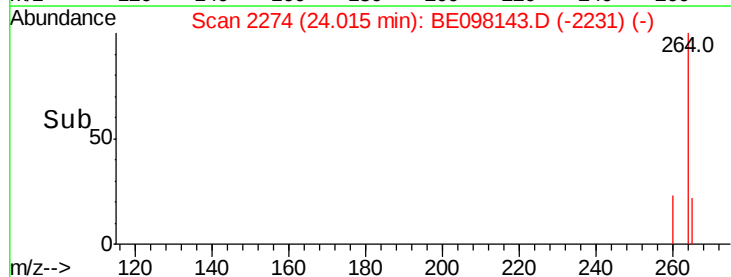
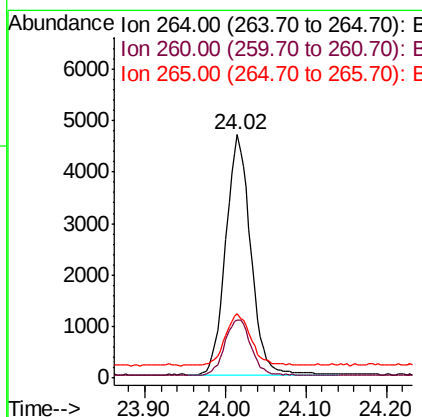
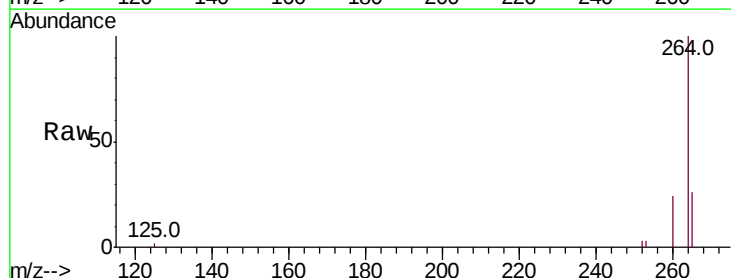
Instrument :
 BNA_E
 ClientSampleId :

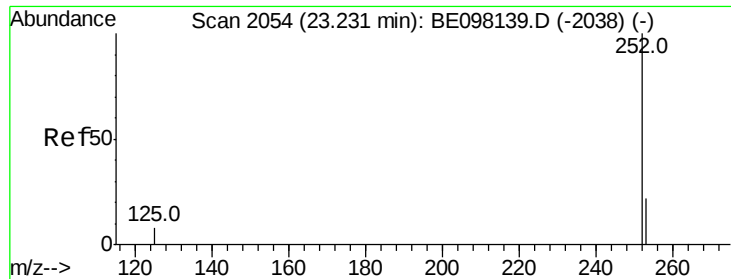
Tot Ion:276 Resp: 11703
 Ion Ratio Lower Upper
 276 100
 138 6.5 17.0 25.6#
 277 25.0 20.5 30.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BE098143.D
 Acq: 1 Nov 2018 13:04

Tgt Ion:264 Resp: 10009
 Ion Ratio Lower Upper
 264 100
 260 24.1 21.1 31.7
 265 26.5 29.2 43.8#





#35

Benzo(b)fluoranthene

Concen: 0.377 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampleId :

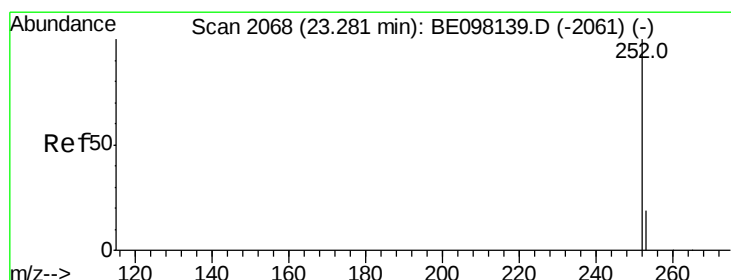
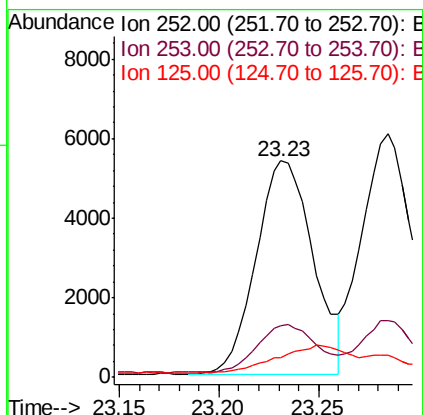
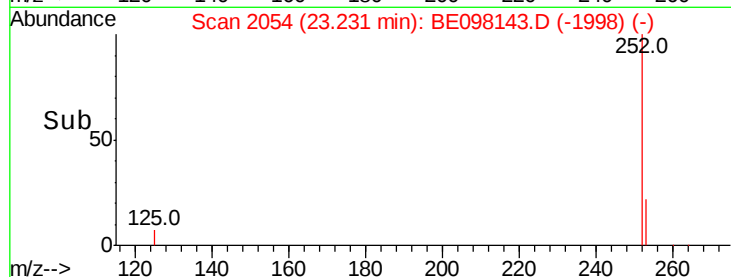
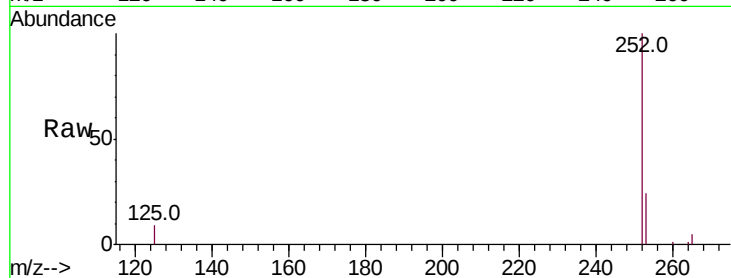
Tot Ion:252 Resp: 10633

Ion Ratio Lower Upper

252 100

253 23.6 20.6 31.0

125 9.3 14.3 21.5#



#36

Benzo(k)fluoranthene

Concen: 0.377 ng

RT: 23.28 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

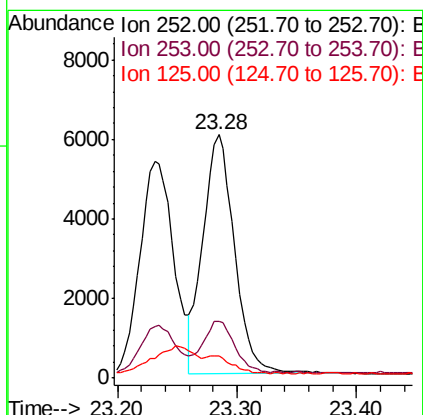
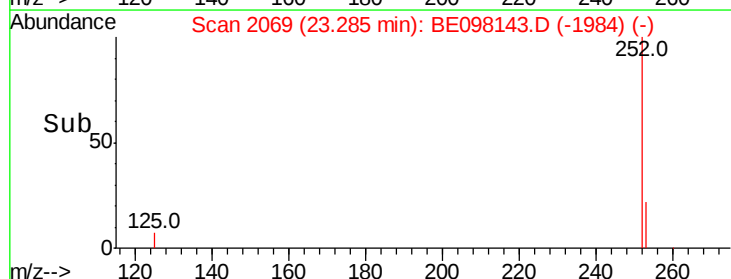
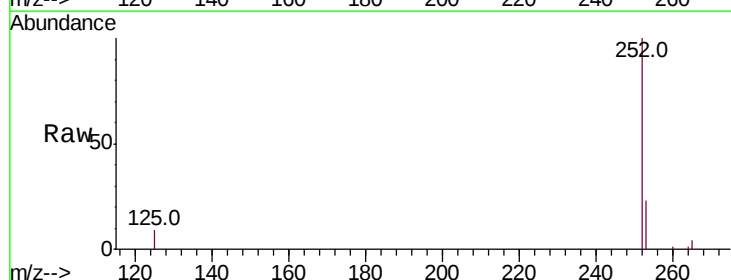
Tgt Ion:252 Resp: 10992

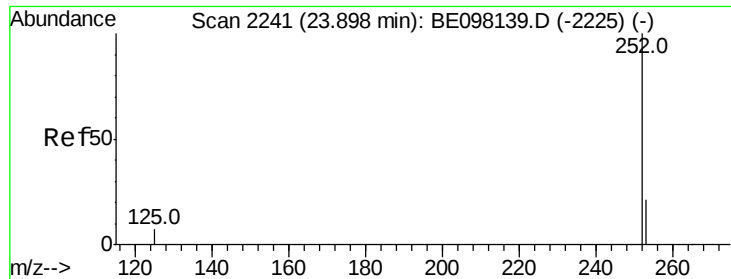
Ion Ratio Lower Upper

252 100

253 23.5 20.4 30.6

125 9.3 14.6 21.8#

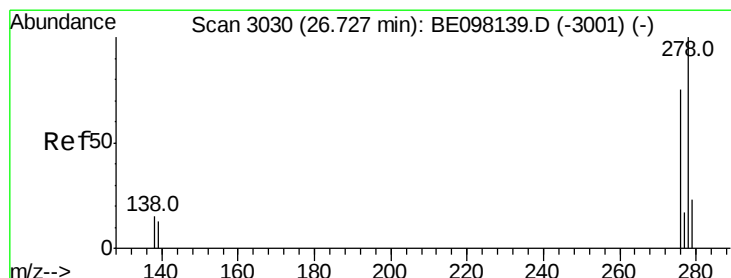
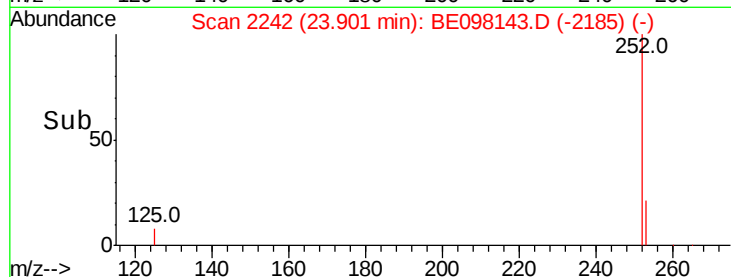
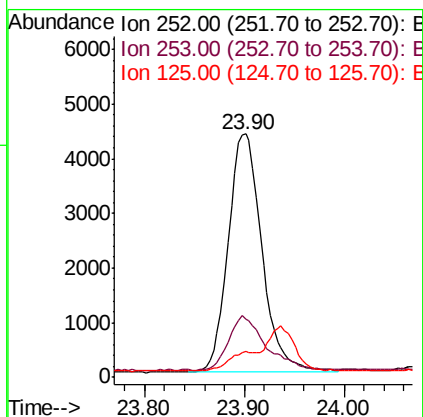
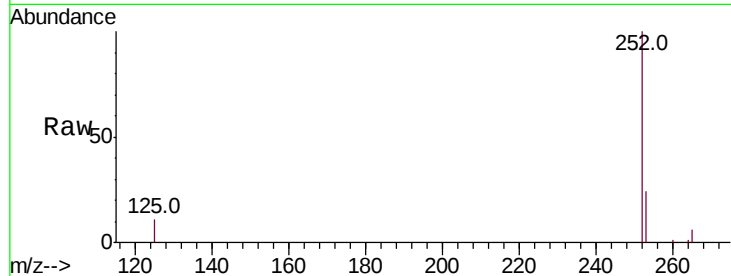




#37
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098143.D
Acq: 1 Nov 2018 13:04

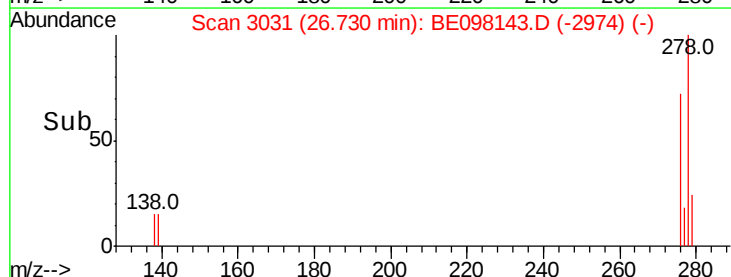
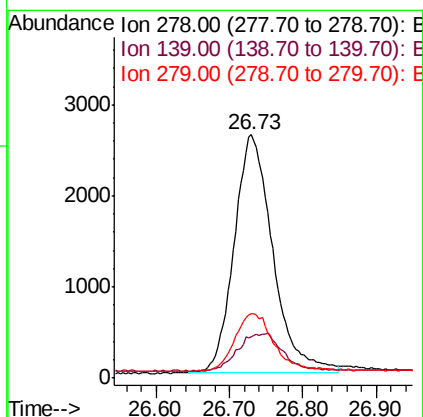
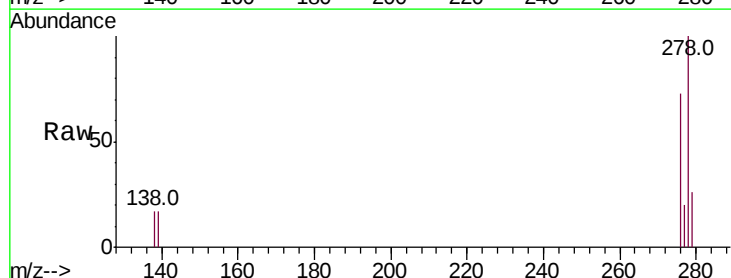
Instrument :
BNA_E
ClientSampleId :

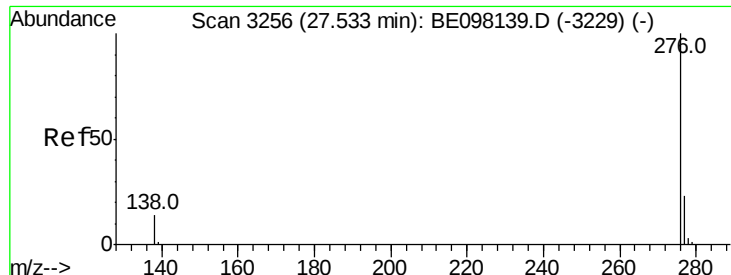
Tot Ion:252 Resp: 10217
Ion Ratio Lower Upper
252 100
253 24.1 20.6 31.0
125 10.8 15.6 23.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098143.D
Acq: 1 Nov 2018 13:04

Tgt Ion:278 Resp: 9535
Ion Ratio Lower Upper
278 100
139 17.3 16.3 24.5
279 26.3 21.4 32.2





#39

Benzo(a,h,i)perylene

Concen: 0.370 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.00 min

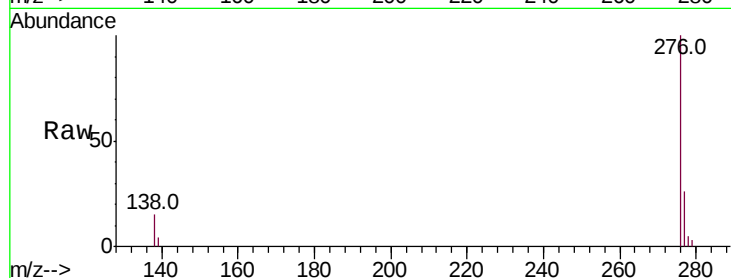
Lab File: BE098143.D

Acq: 1 Nov 2018 13:04

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 9466

Ion Ratio Lower Upper

276 100

277 25.9 22.1 33.1

138 15.4 19.3 28.9#

