

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098276.D
 Acq On : 29 Nov 2018 16:27
 Operator : SJ/JU
 Sample : J6047-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 29 17:46:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1450	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5889	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3560	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8267	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9805	0.40	ng	0.00
34) Perylene-d12	24.01	264	9592	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1111	0.29	ng	0.01
5) Phenol-d6	7.05	99	1163	0.21	ng	0.00
8) Nitrobenzene-d5	9.02	82	2588	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	6324	0.66	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	810	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	8394	0.57	ng	0.00
25) Fluoranthene-d10	19.31	212	53129	0.48	ng	0.00
29) Terphenyl-d14	19.91	244	11690	0.53	ng	0.00

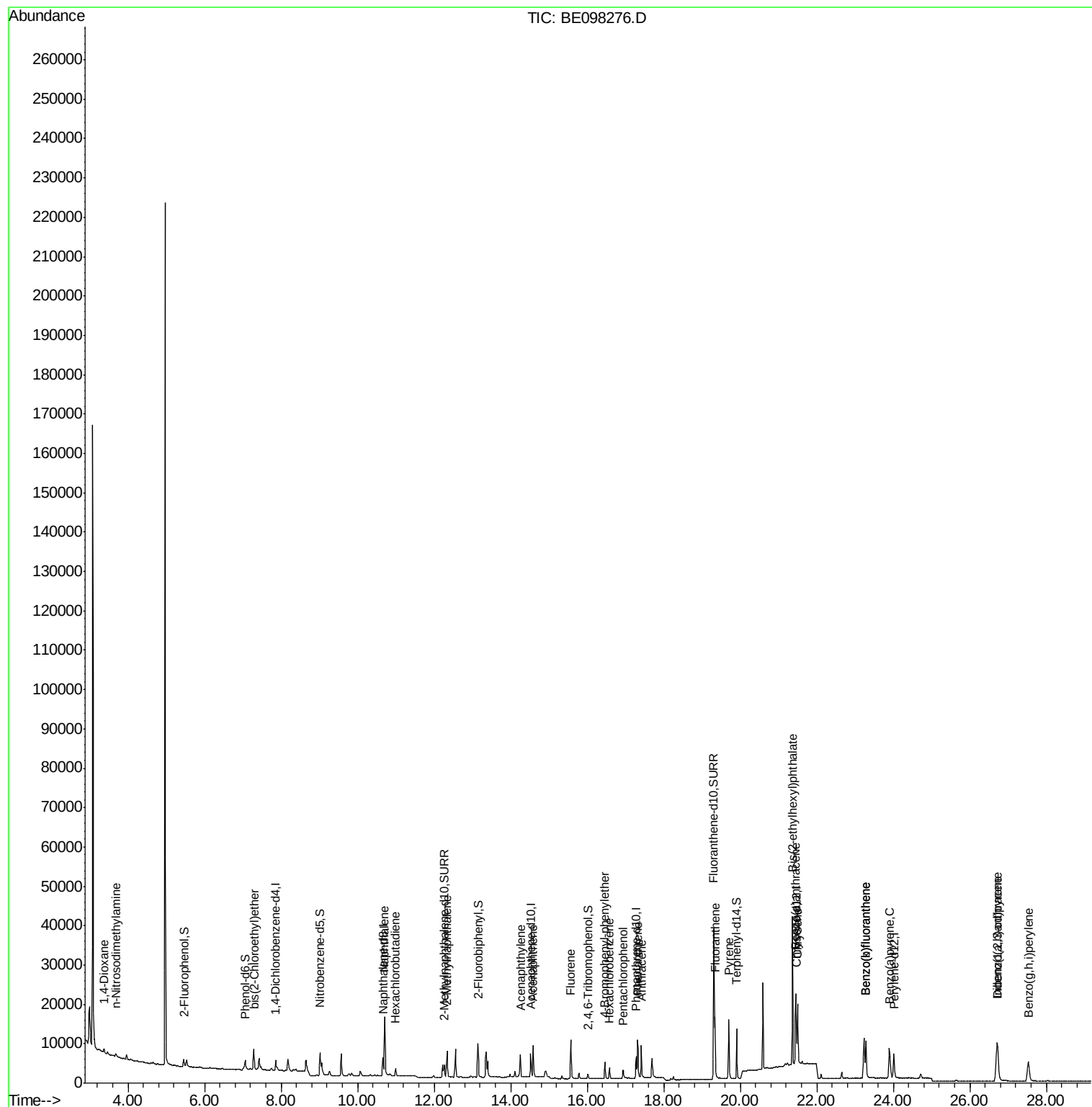
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	606	0.223	ng	# 73
3) n-Nitrosodimethylamine	3.68	42	751	0.270	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	2039	0.406	ng	89
9) Naphthalene	10.70	128	29230	0.494	ng	99
10) Hexachlorobutadiene	10.99	225	1434	0.378	ng	98
12) 2-Methylnaphthalene	12.34	142	5045	0.514	ng	98
16) Acenaphthylene	14.25	152	8212	0.494	ng	98
17) Acenaphthene	14.59	154	4656	0.470	ng	99
18) Fluorene	15.57	166	6594	0.502	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	2256	0.482	ng	95
21) Hexachlorobenzene	16.58	284	2221	0.459	ng	99
22) Pentachlorophenol	16.94	266	1525	0.878	ng	92
23) Phenanthrene	17.31	178	10875	0.530	ng	98
24) Anthracene	17.41	178	10169	0.532	ng	100
26) Fluoranthene	19.34	202	13763	0.491	ng	99
28) Pyrene	19.70	202	14172	0.522	ng	99
30) Benzo(a)anthracene	21.45	228	14896	0.516	ng	98
31) Chrysene	21.50	228	14604	0.498	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	38927	0.563	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	15800	0.533	ng	99
35) Benzo(b)fluoranthene	23.28	252	15109	0.537	ng	98
36) Benzo(k)fluoranthene	23.28	252	15109	0.512	ng	99
37) Benzo(a)pyrene	23.90	252	14347	0.530	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	13194	0.514	ng	98
39) Benzo(g,h,i)perylene	27.53	276	13665	0.531	ng	99

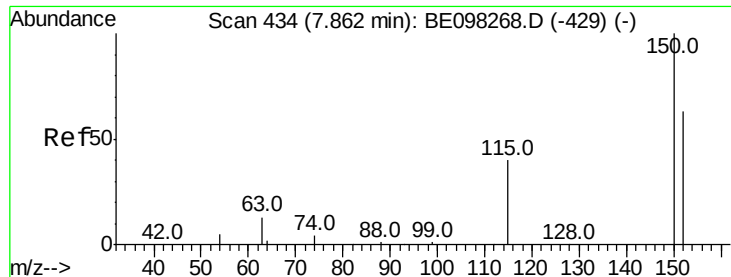
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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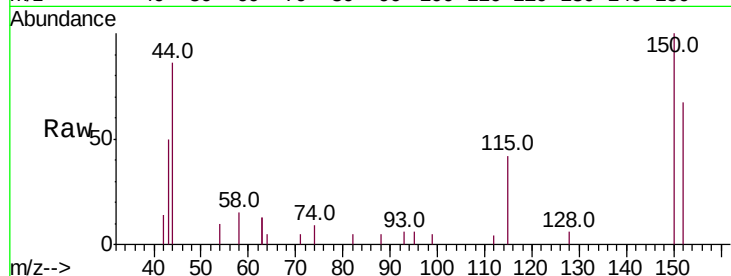


#1

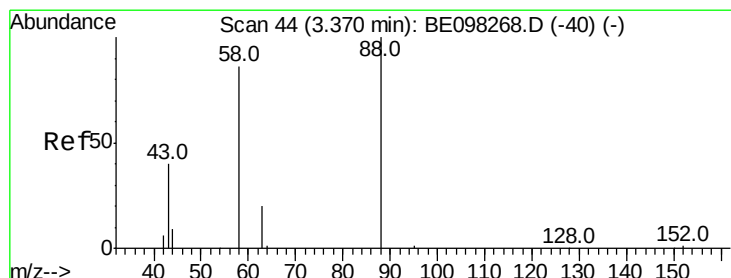
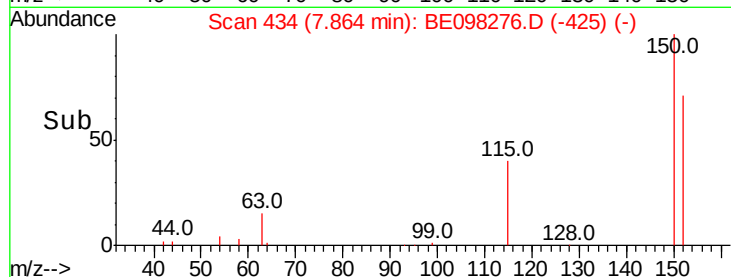
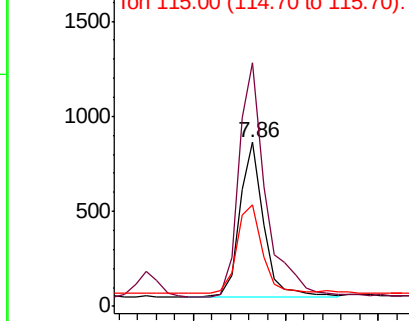
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1450
Ion Ratio Lower Upper
152 100
150 148.4 124.2 186.4
115 61.6 53.9 80.9



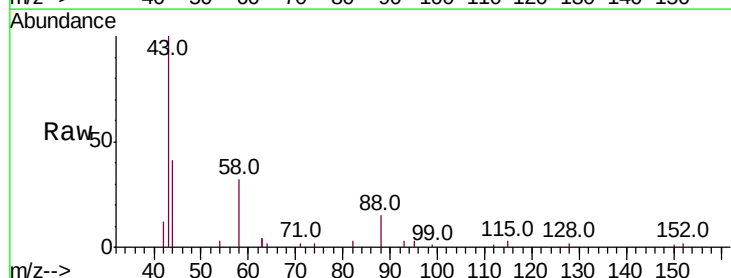
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



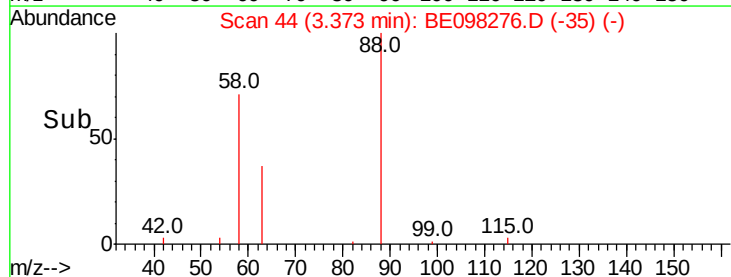
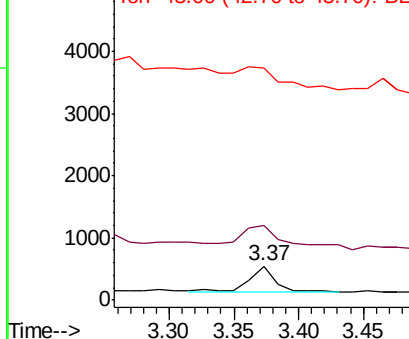
#2

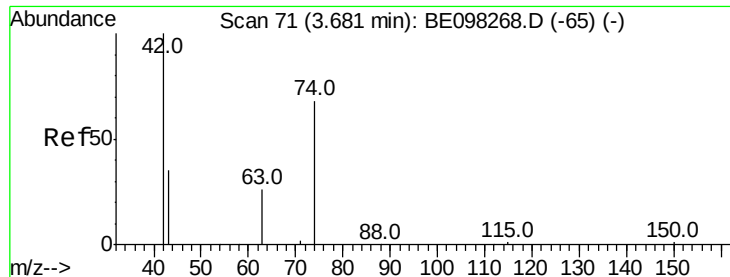
1,4-Dioxane
Concen: 0.223 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion: 88 Resp: 606
Ion Ratio Lower Upper
88 100
58 90.1 75.0 112.6
43 0.0 38.3 57.5#



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: 0.270 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.00 min

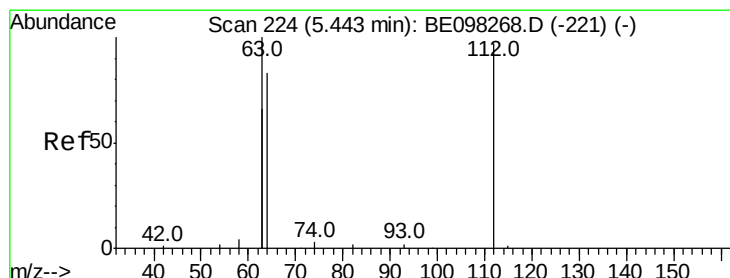
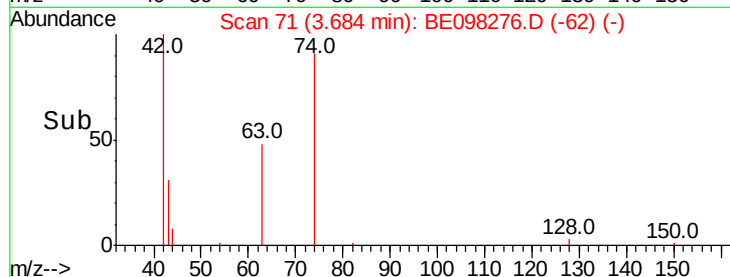
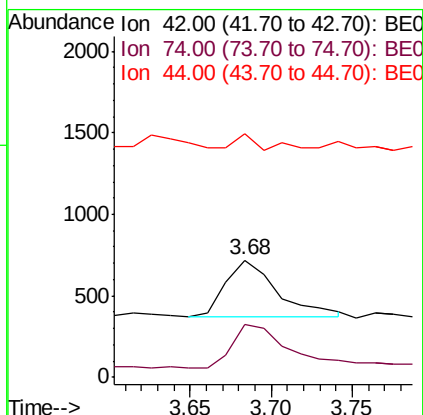
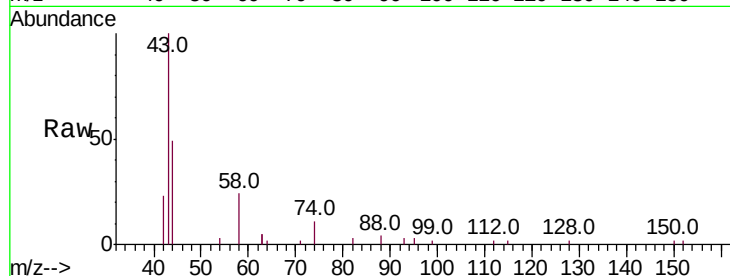
Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 751

Ion	Ratio	Lower	Upper
42	100		
74	82.8	0.0	0.0#
44	10.1	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.287 ng

RT: 5.46 min Scan# 225

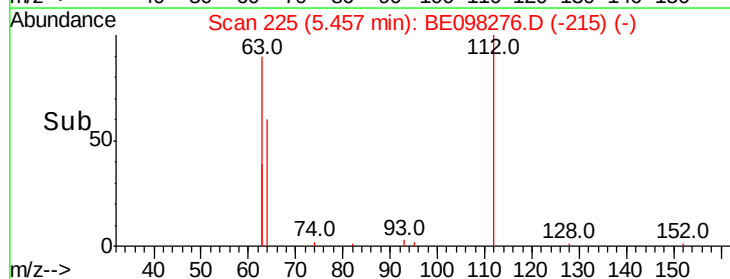
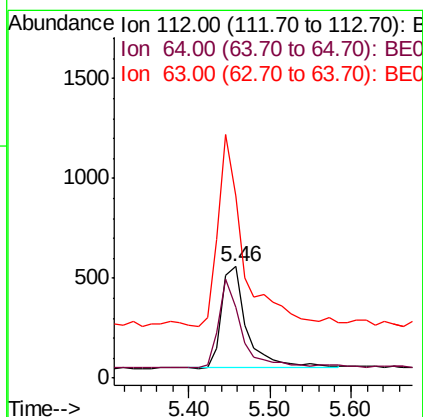
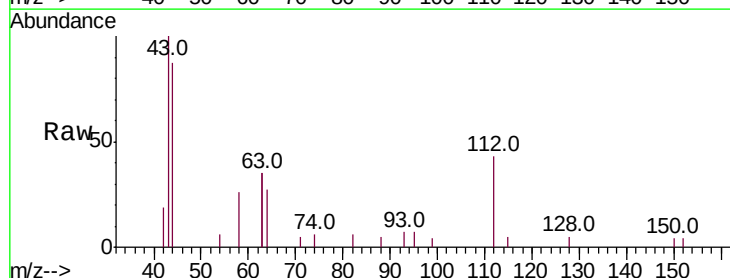
Delta R.T. 0.01 min

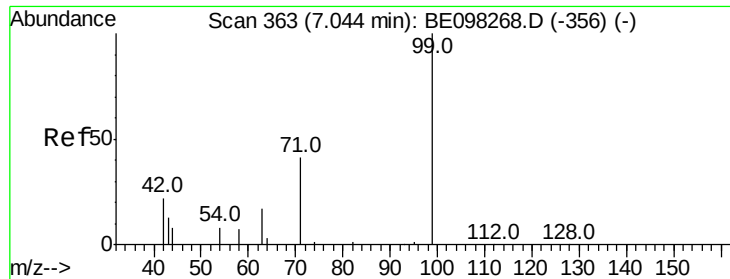
Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Tgt Ion: 112 Resp: 1111

Ion	Ratio	Lower	Upper
112	100		
64	77.9	59.8	89.8
63	190.2	133.7	200.5





#5

Phenol-d6

Concen: 0.213 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

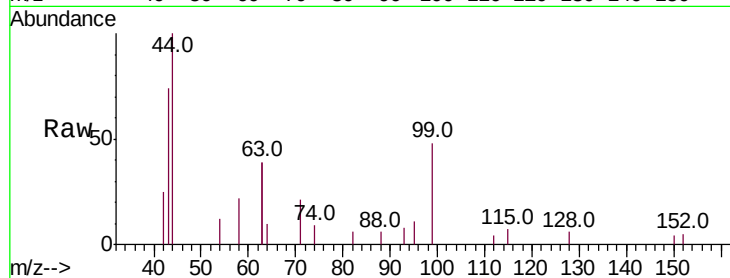
Tot Ion: 99 Resp: 1163

Ion Ratio Lower Upper

99 100

42 30.2 26.3 39.5

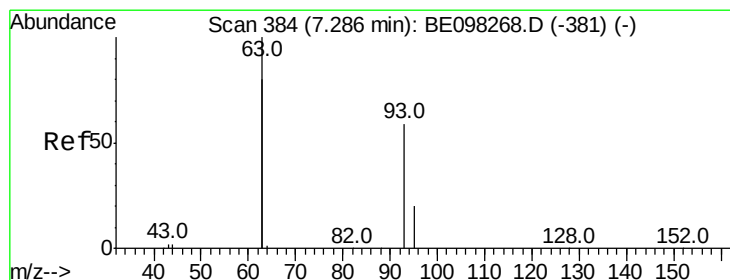
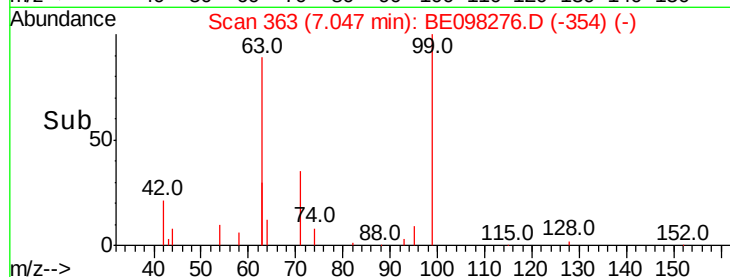
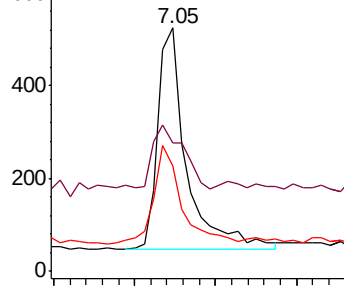
71 44.0 33.6 50.4



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: 0.406 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

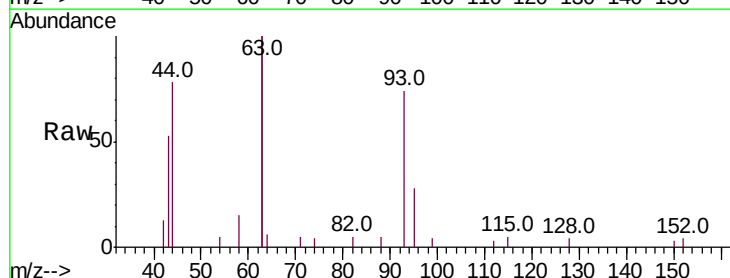
Tgt Ion: 93 Resp: 2039

Ion Ratio Lower Upper

93 100

63 356.3 264.4 396.6

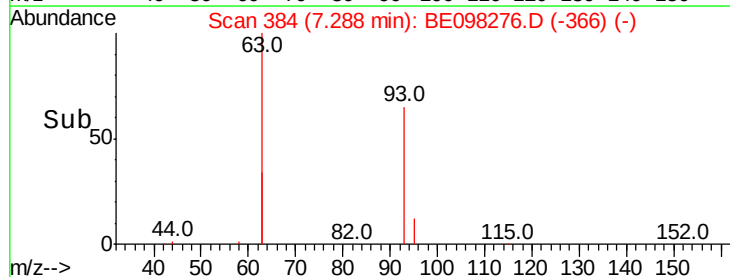
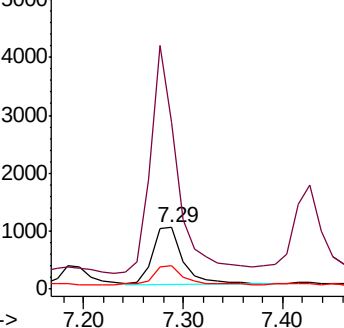
95 32.5 26.6 40.0

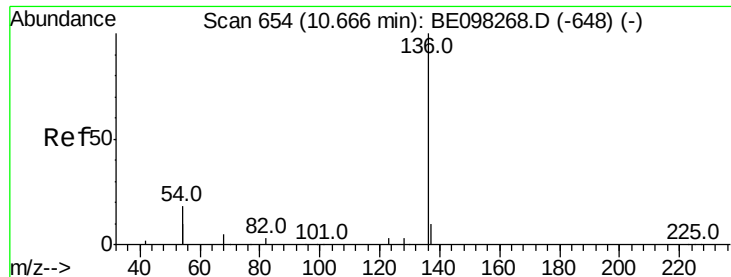


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5889

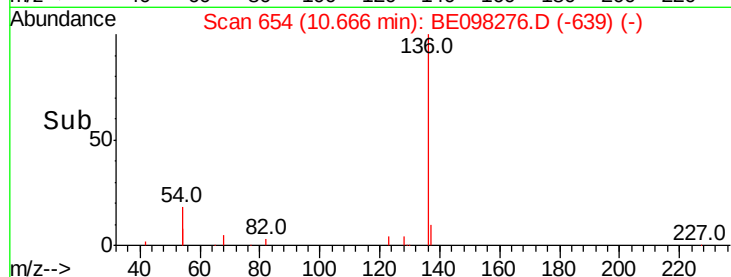
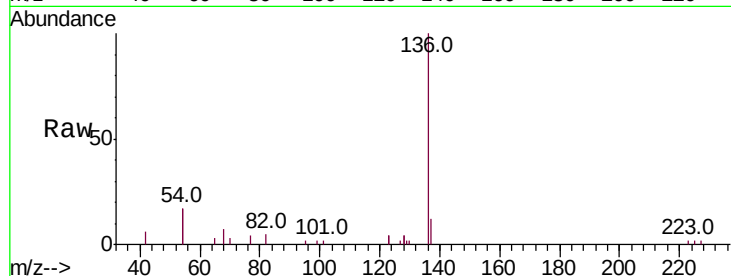
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 34.9 28.4 42.6

68 6.9 5.4 8.0

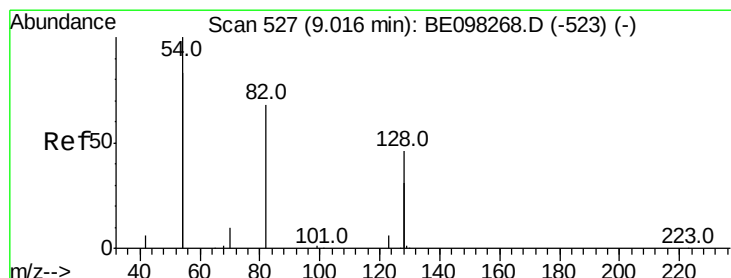
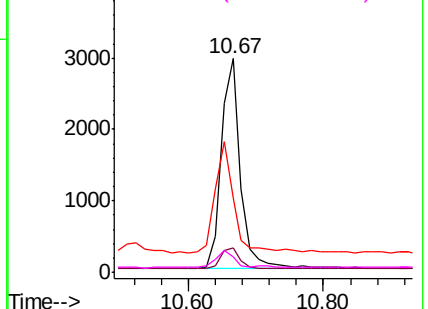


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.434 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

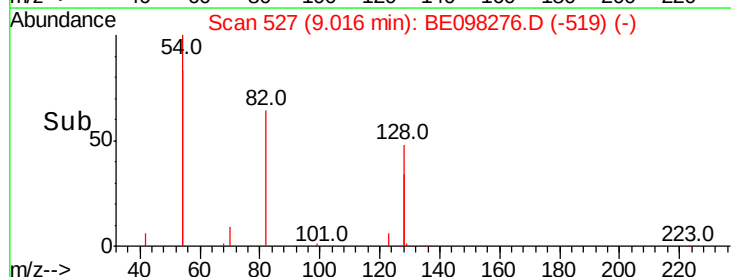
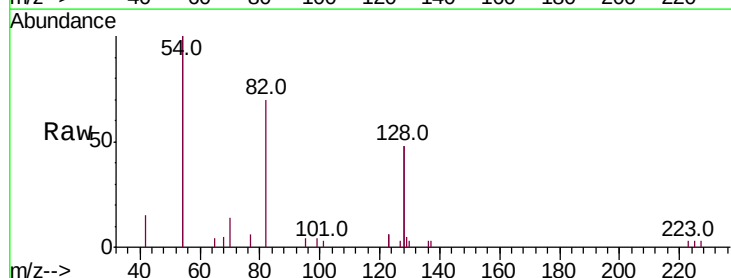
Tgt Ion: 82 Resp: 2588

Ion Ratio Lower Upper

82 100

128 138.2 102.4 153.6

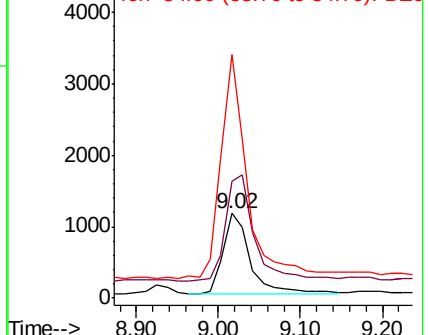
54 287.6 221.8 332.8

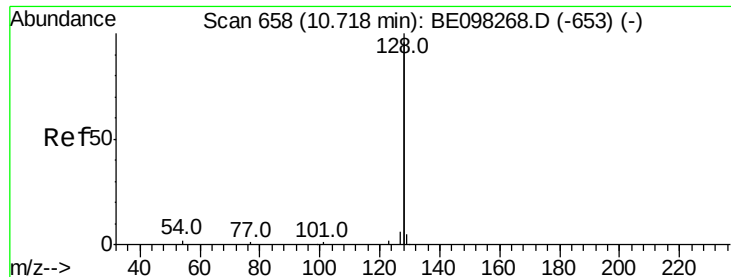


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.494 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

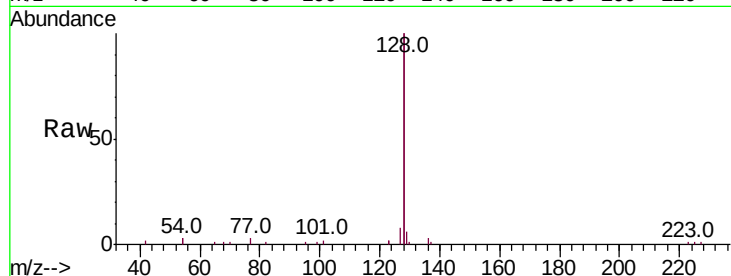
Tot Ion:128 Resp: 29230

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

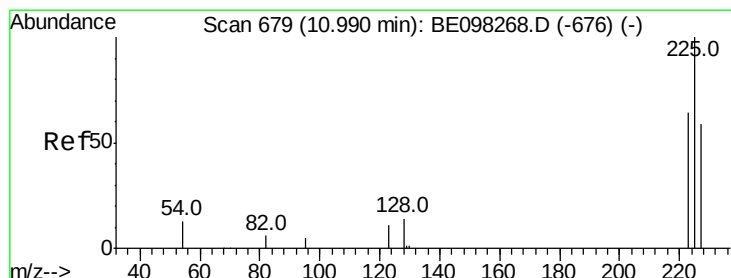
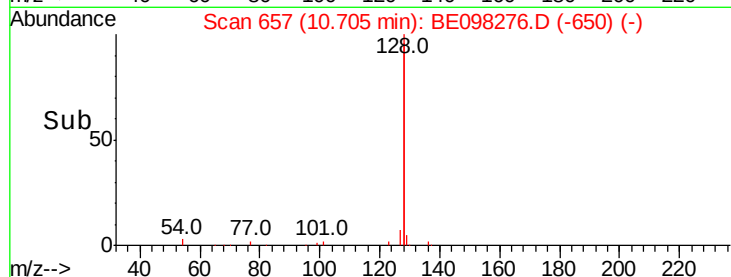
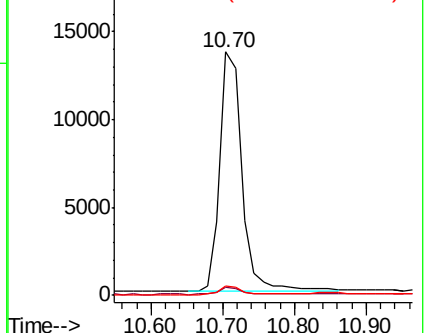
127 3.8 2.7 4.1



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: 0.378 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

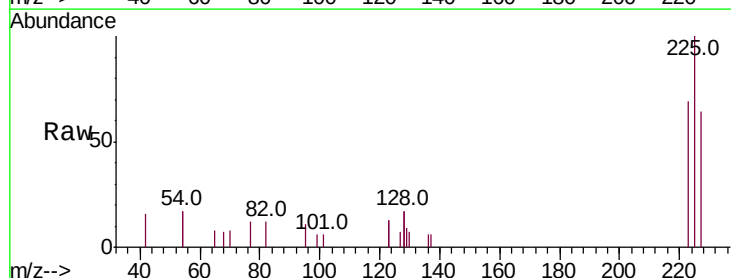
Tgt Ion:225 Resp: 1434

Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.0

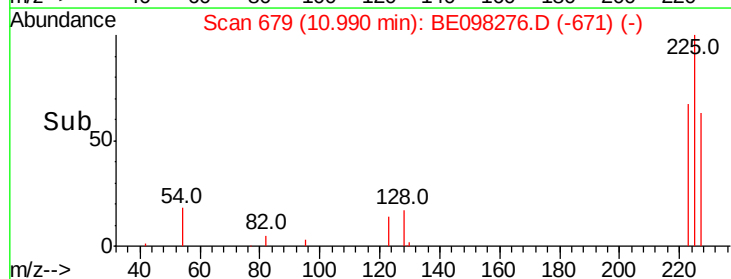
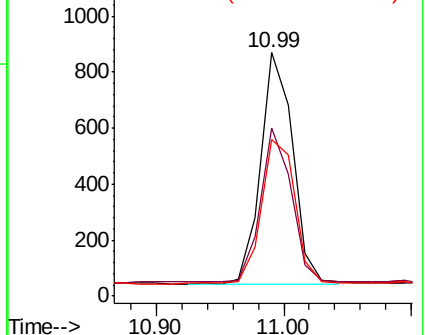
227 65.8 52.0 78.0

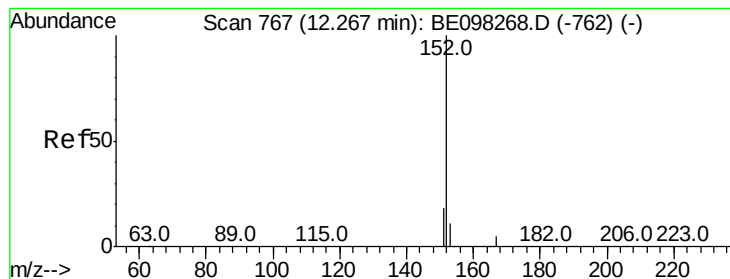


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.661 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

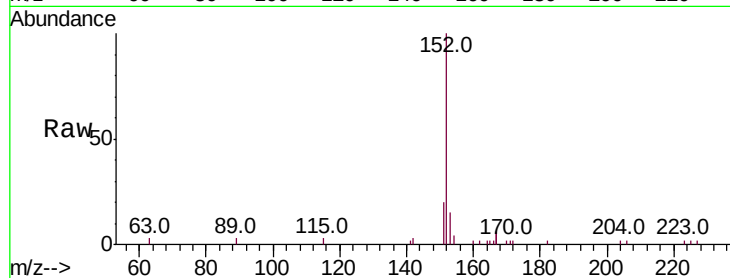
ClientSampleId :

Tot Ion:152 Resp: 6324

Ion Ratio Lower Upper

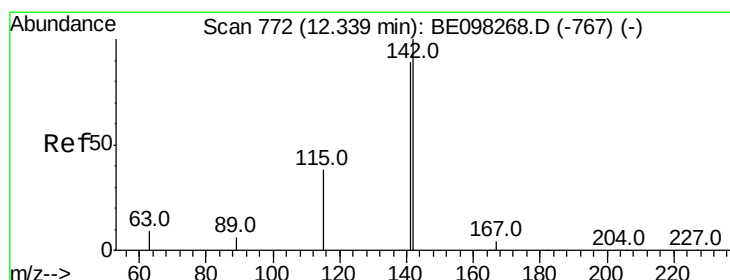
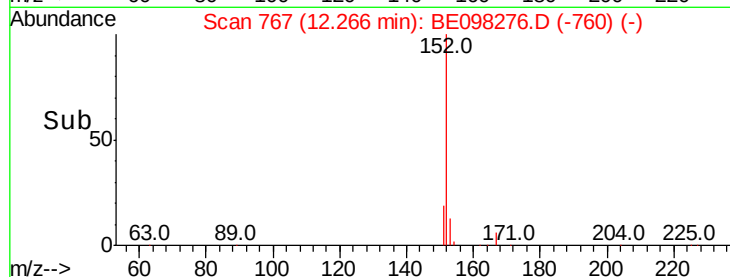
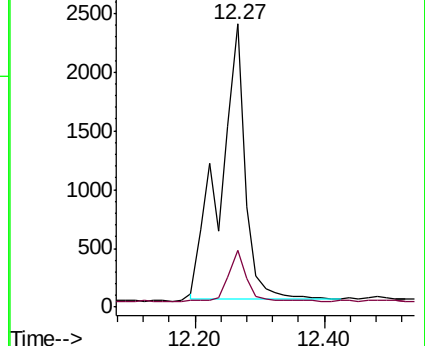
152 100

151 12.7 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: 0.514 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

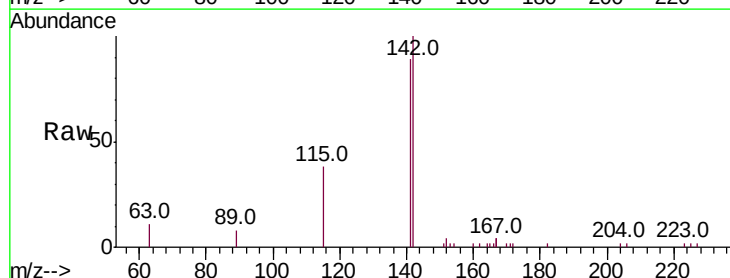
Tgt Ion:142 Resp: 5045

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

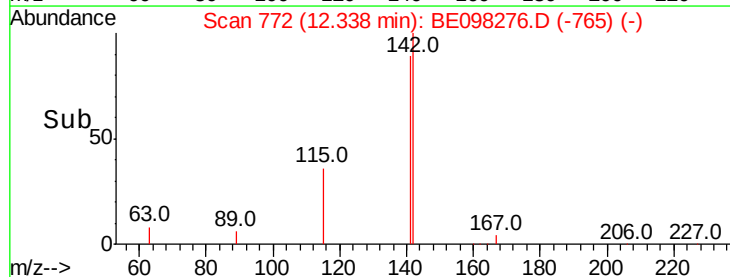
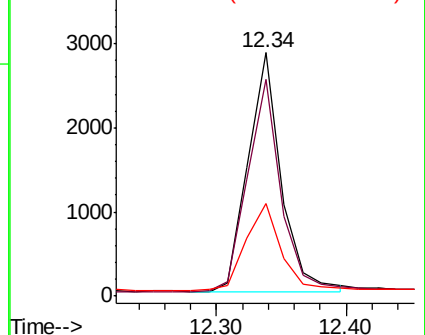
115 37.8 32.2 48.2

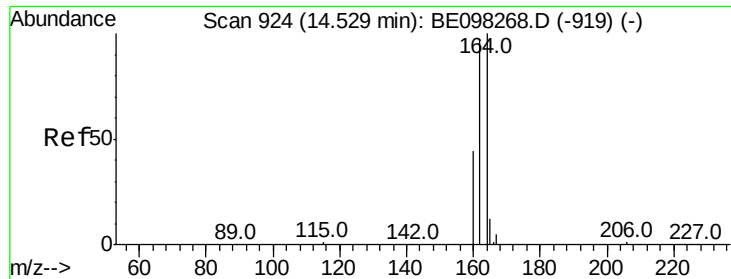


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

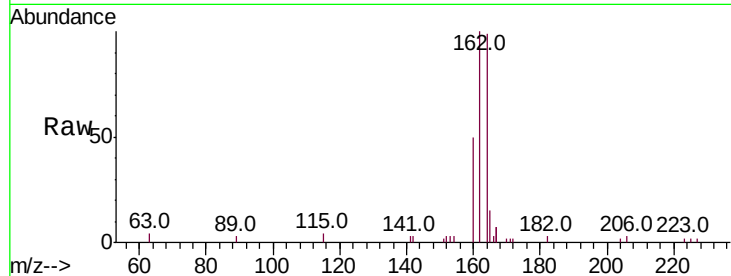
Tot Ion:164 Resp: 3560

Ion Ratio Lower Upper

164 100

162 100.8 77.6 116.4

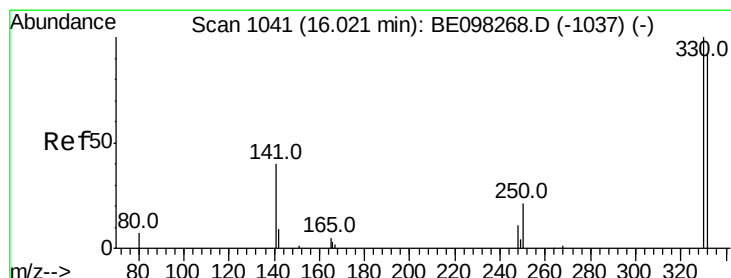
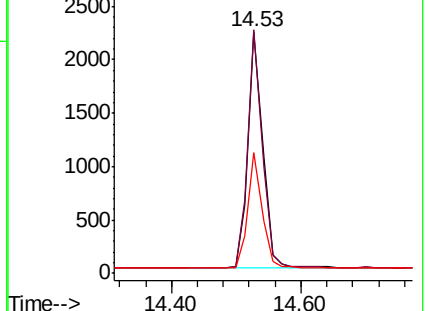
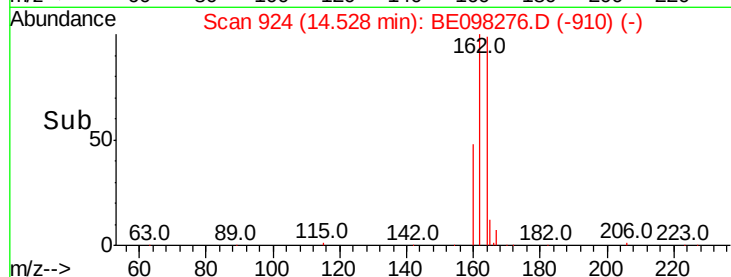
160 49.9 36.0 54.0



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: 0.480 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

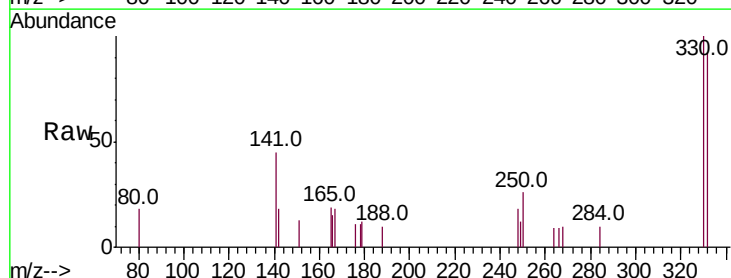
Tgt Ion:330 Resp: 810

Ion Ratio Lower Upper

330 100

332 92.3 76.2 114.4

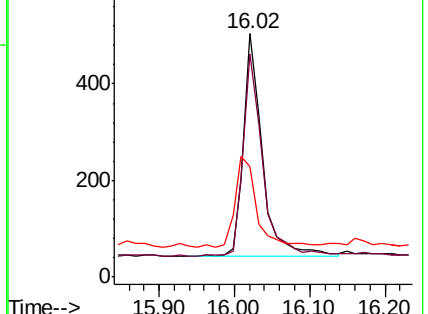
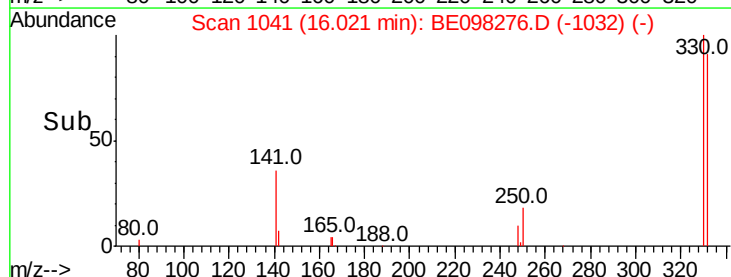
141 48.3 39.0 58.4

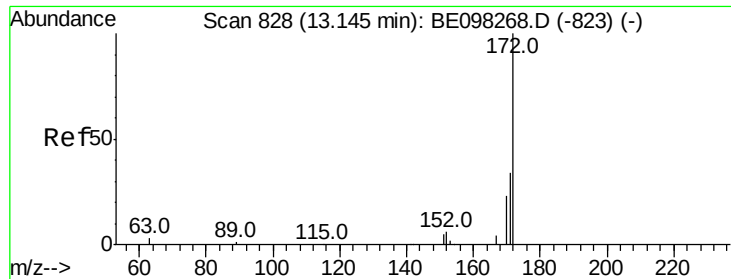


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

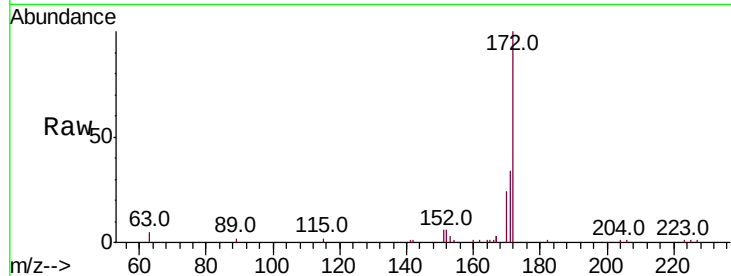




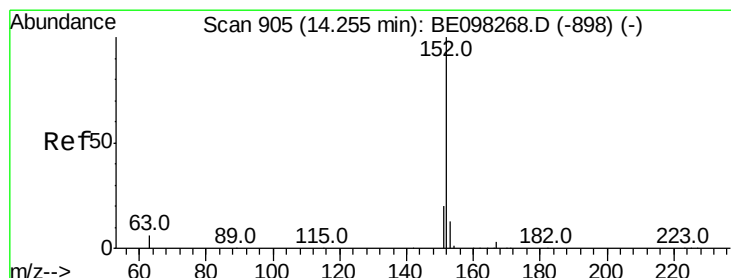
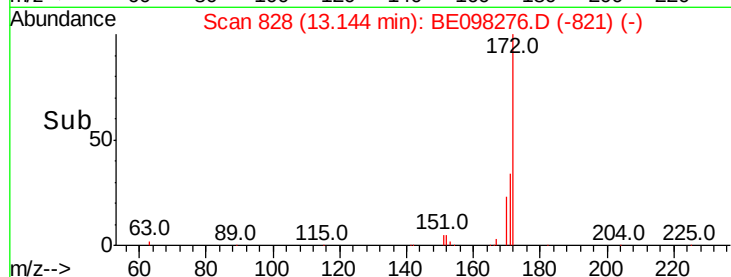
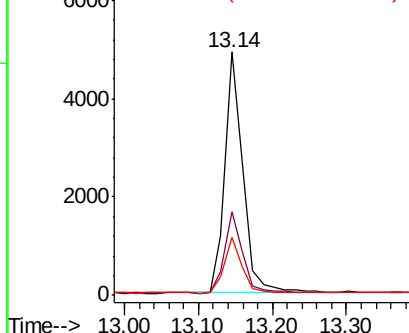
#15
2-Fluorobiphenyl
Concen: 0.569 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 8394
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 24.0 19.6 29.4

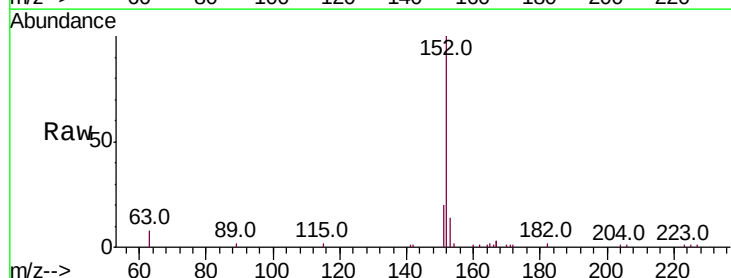


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

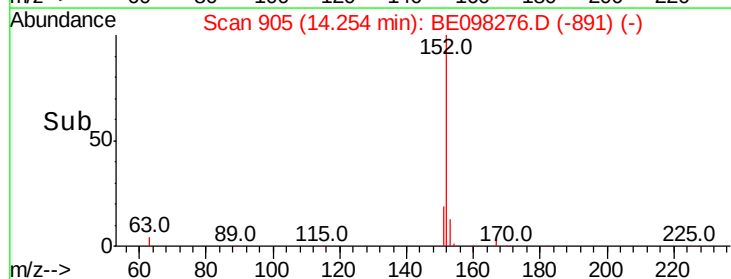
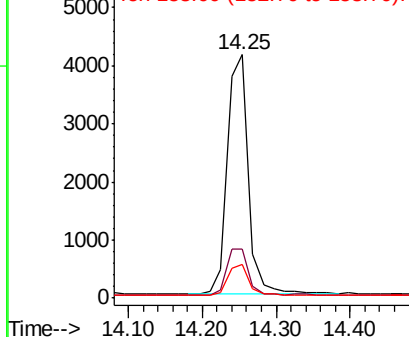


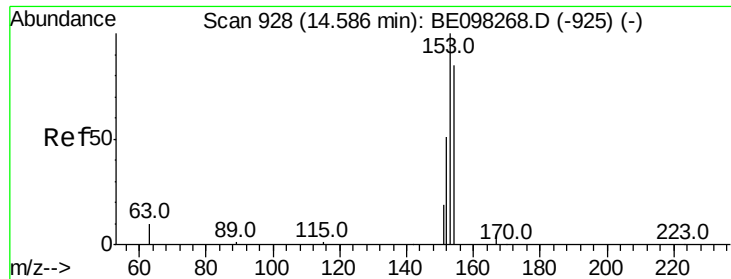
#16
Acenaphthylene
Concen: 0.494 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:152 Resp: 8212
Ion Ratio Lower Upper
152 100
151 20.8 15.5 23.3
153 12.7 10.6 16.0



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

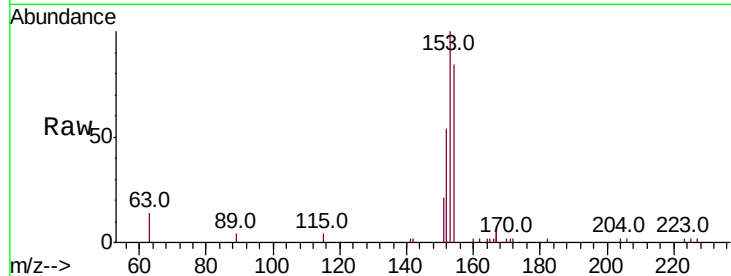




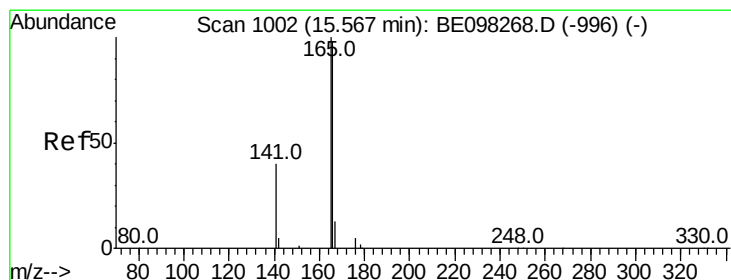
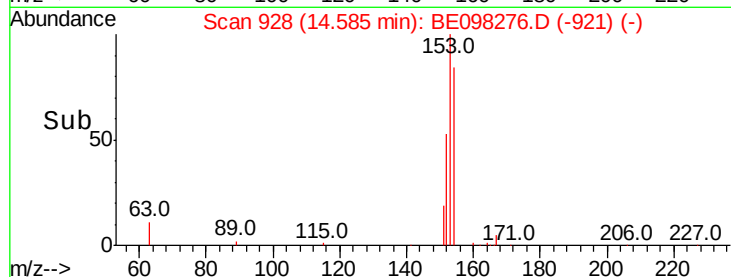
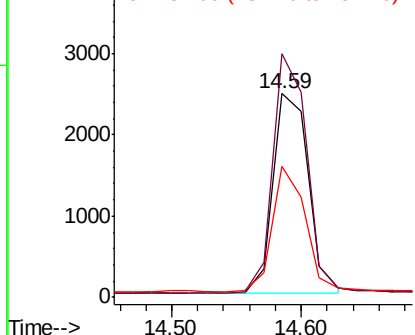
#17
Acenaphthene
Concen: 0.470 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 4656
Ion Ratio Lower Upper
154 100
153 114.6 91.8 137.6
152 58.2 45.5 68.3

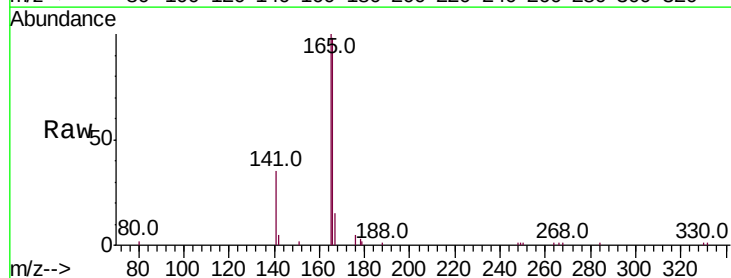


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

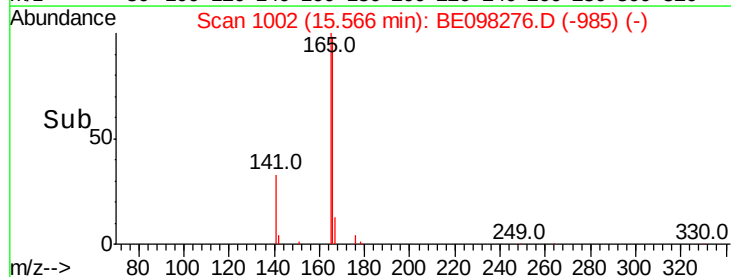
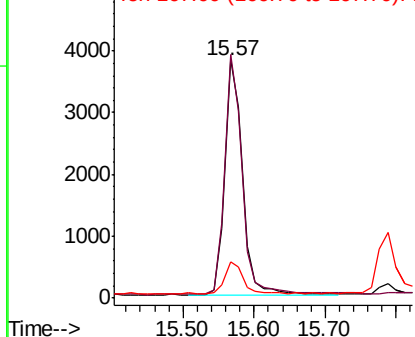


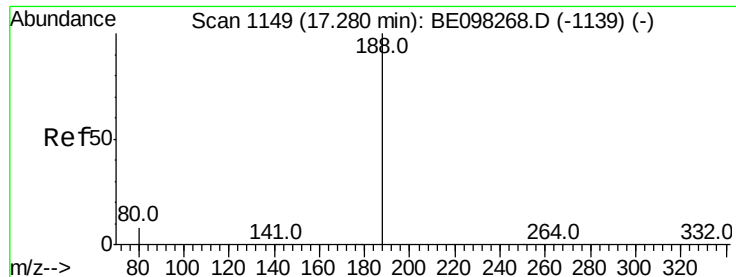
#18
Fluorene
Concen: 0.502 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:166 Resp: 6594
Ion Ratio Lower Upper
166 100
165 99.3 79.3 118.9
167 13.7 11.3 16.9



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: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

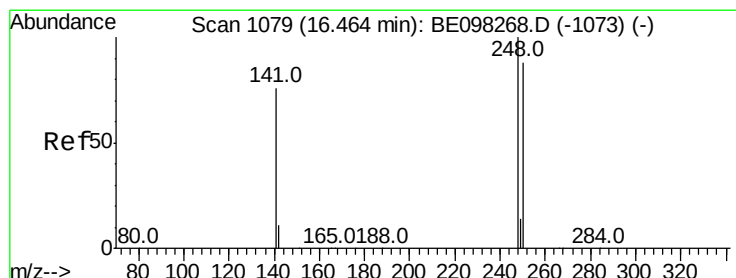
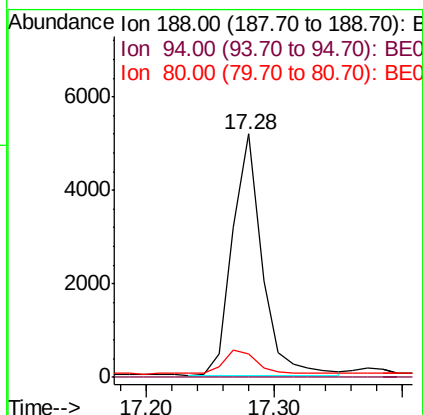
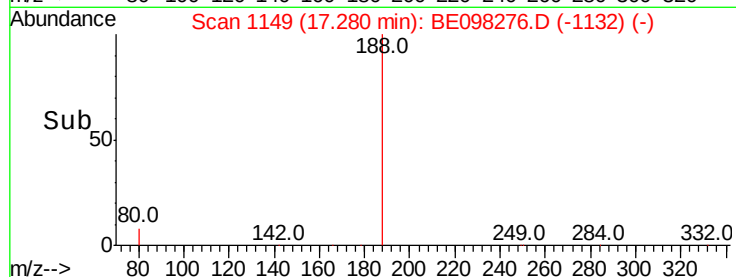
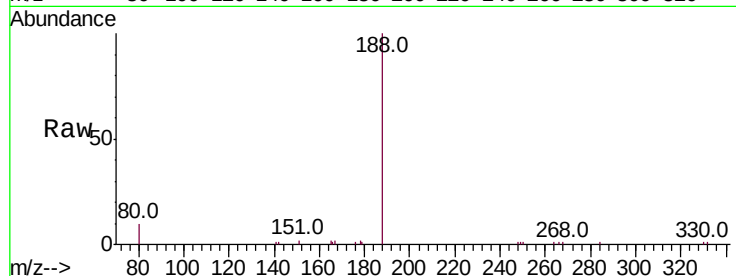
Tot Ion:188 Resp: 8267

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 7.2 10.8



#20

4-Bromophenyl-phenylether

Concen: 0.482 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

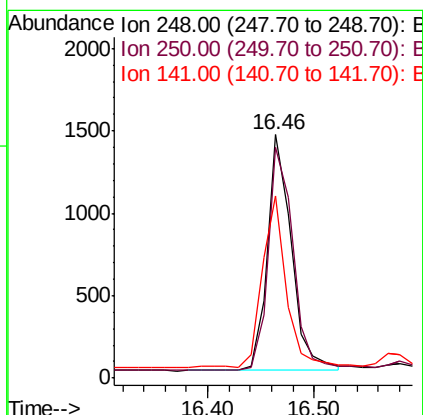
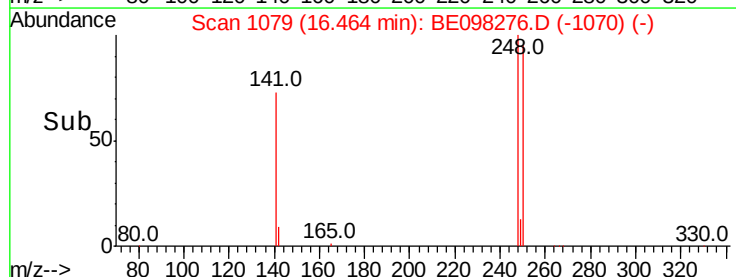
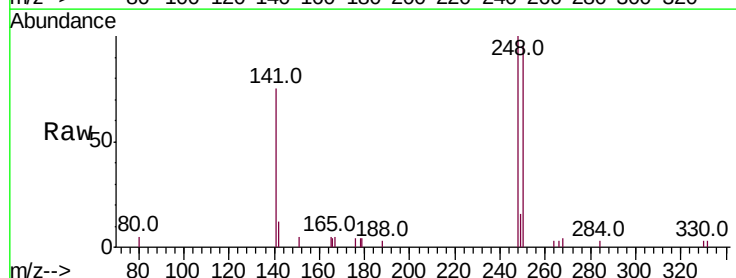
Tgt Ion:248 Resp: 2256

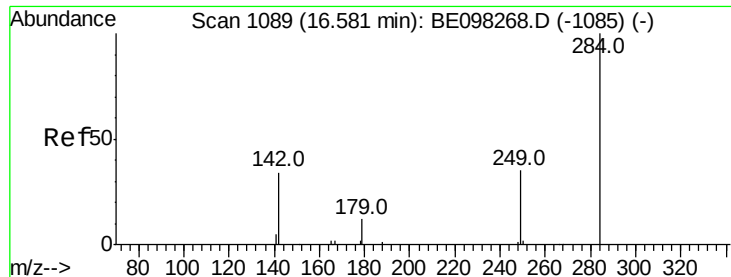
Ion Ratio Lower Upper

248 100

250 94.9 71.0 106.6

141 74.9 62.1 93.1

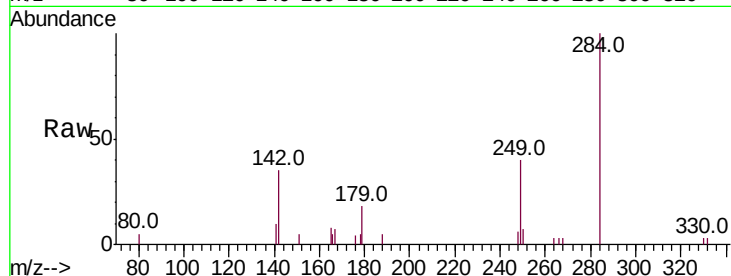




#21
Hexachlorobenzene
Concen: 0.459 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.0	26.3	39.5
249	33.8	26.0	39.0

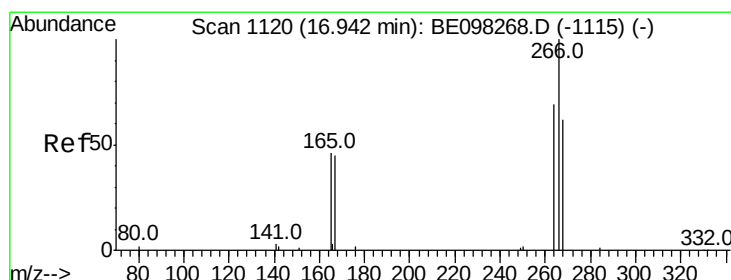
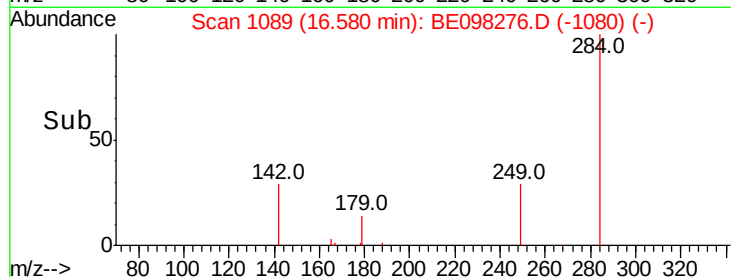
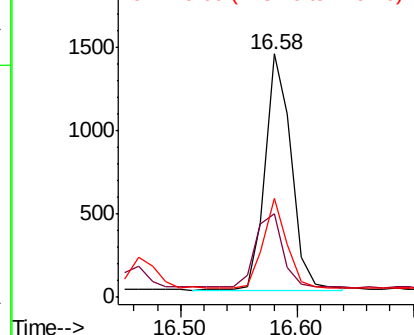


Abundance

Ion 283.80 (283.50 to 284.50): E

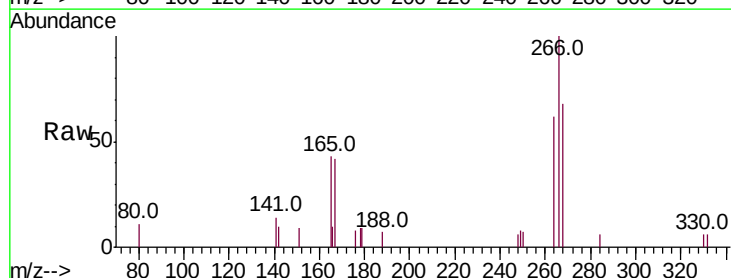
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.878 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	59.0	88.4
268	68.2	55.1	82.7

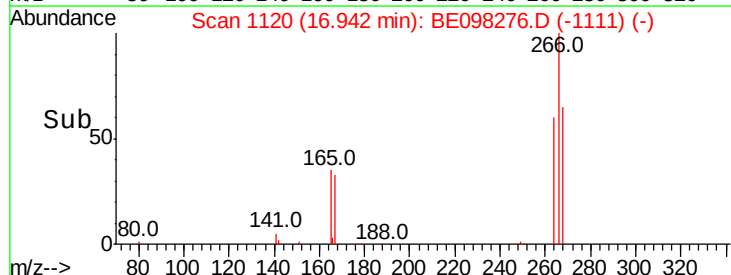
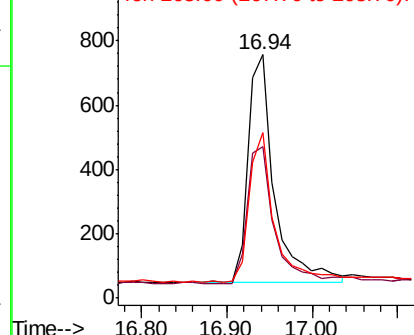


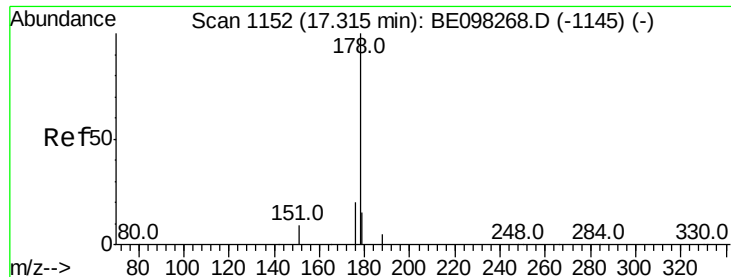
Abundance

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: 0.530 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

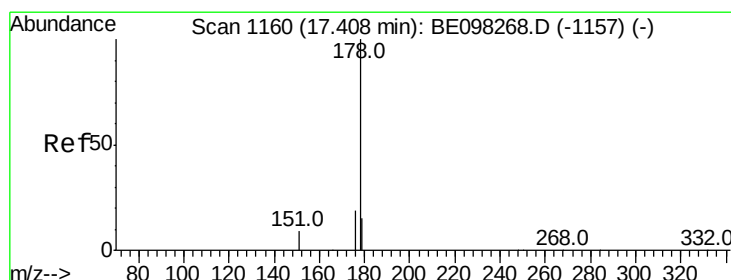
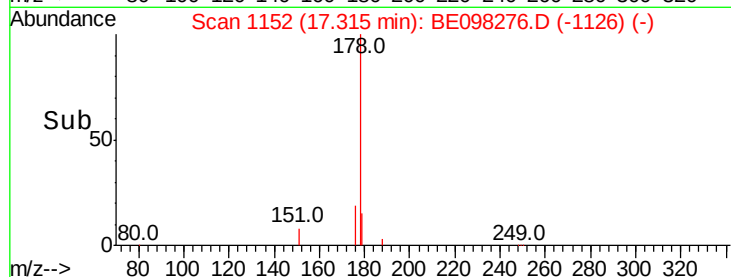
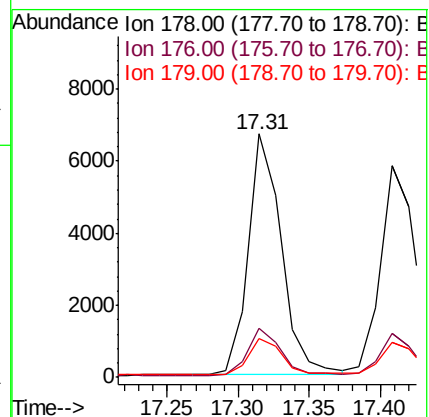
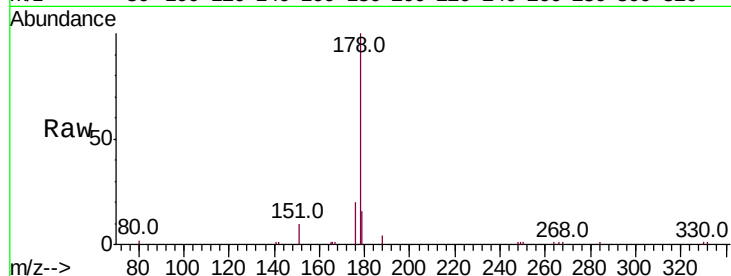
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 10875

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	16.2	12.3	18.5



#24

Anthracene

Concen: 0.532 ng

RT: 17.41 min Scan# 1160

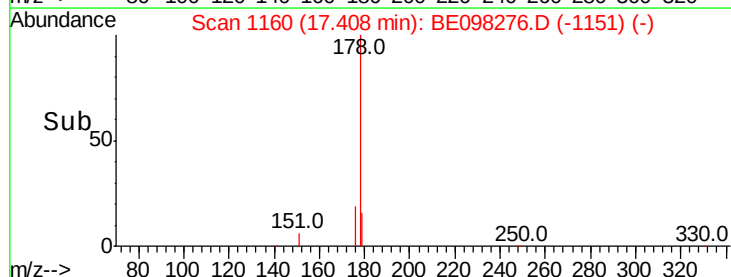
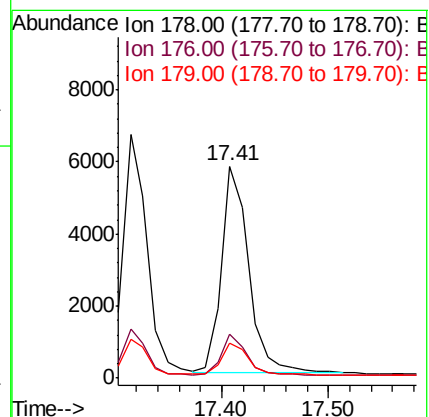
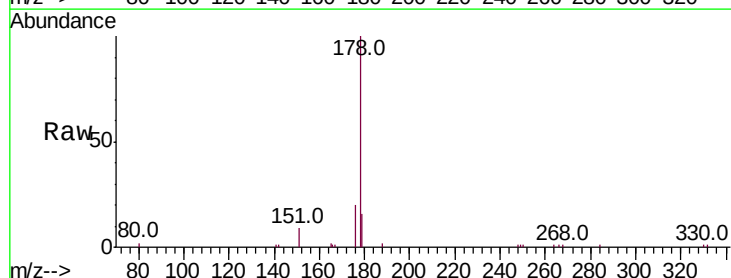
Delta R.T. -0.00 min

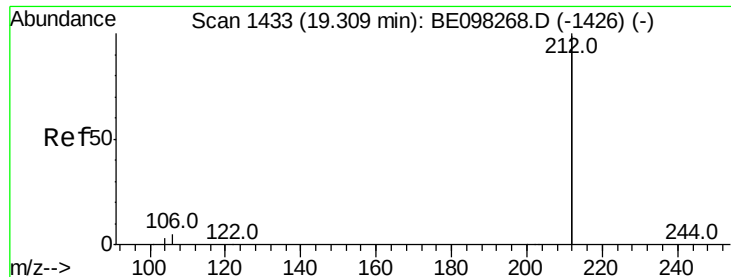
Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Tgt Ion:178 Resp: 10169

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.1	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.476 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098276.D

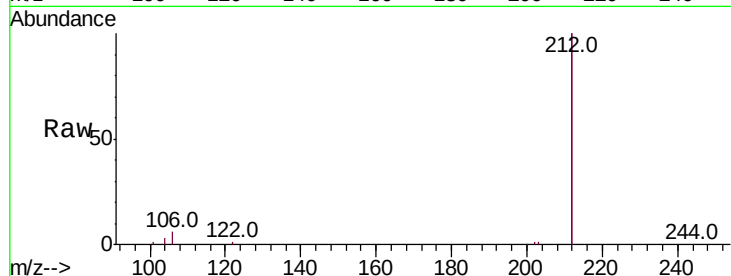
Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

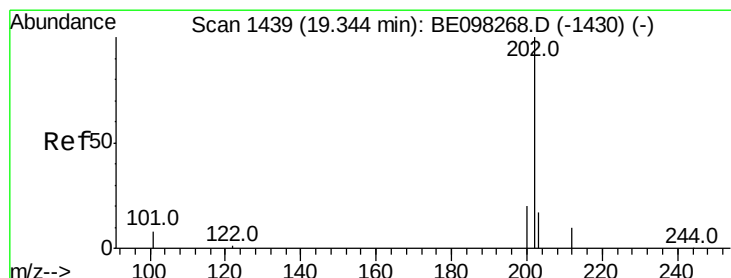
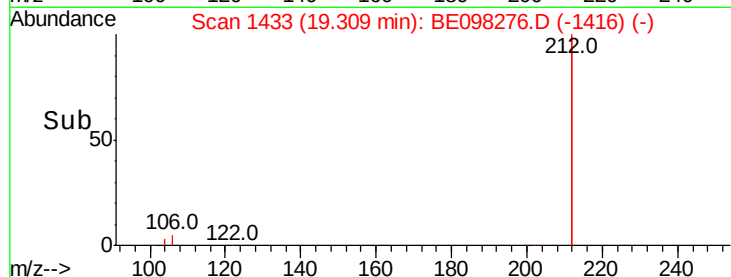
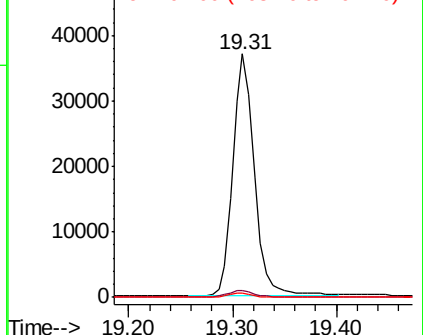
Tot Ion:212	Resp:	53129
Ion Ratio	Lower	Upper
212	100	
106	2.7	2.2 3.2
104	1.5	1.3 1.9



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: 0.491 ng

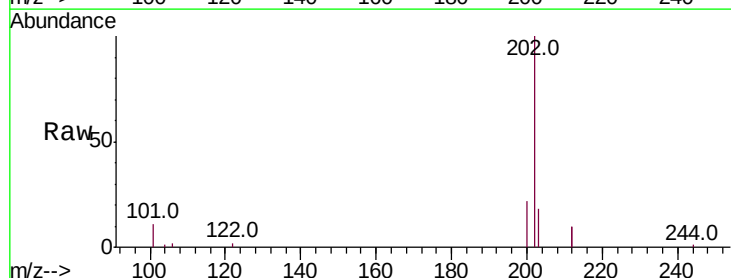
RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

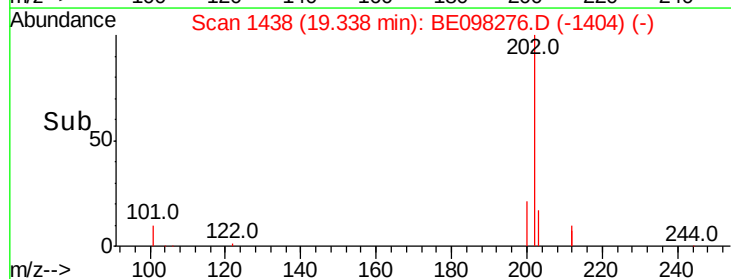
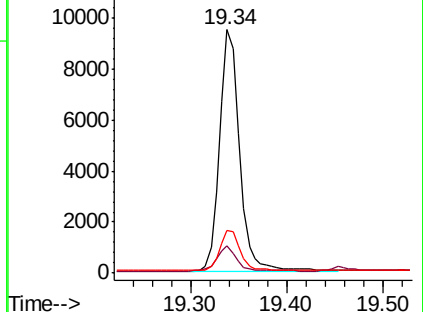
Tgt Ion:202	Resp:	13763
Ion Ratio	Lower	Upper
202	100	
101	10.4	8.0 12.0
203	16.7	13.8 20.6

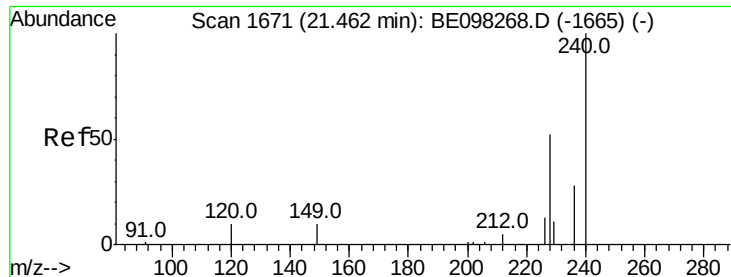


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

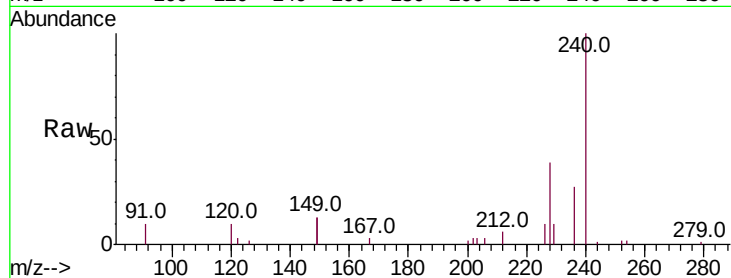
Tot Ion:240 Resp: 9805

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

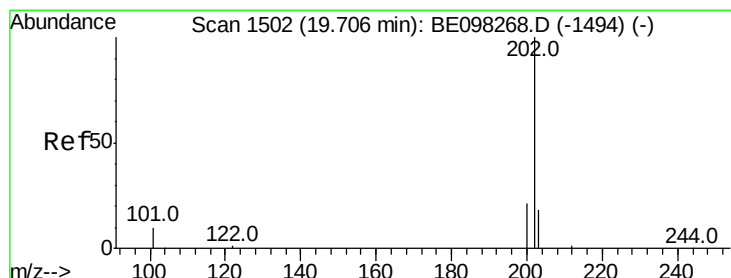
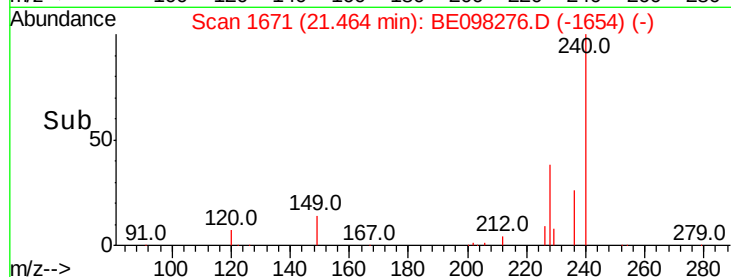
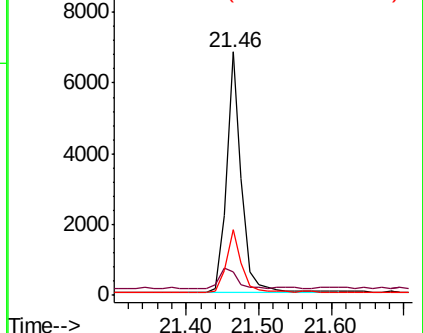
236 27.1 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.522 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

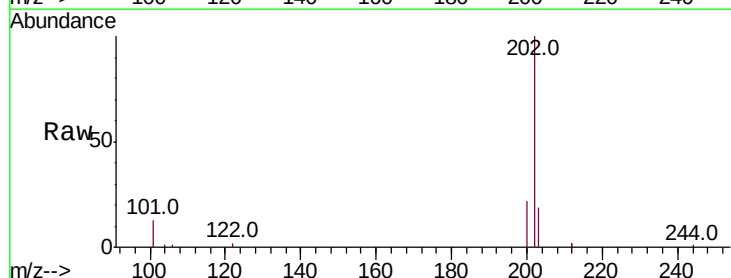
Tgt Ion:202 Resp: 14172

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

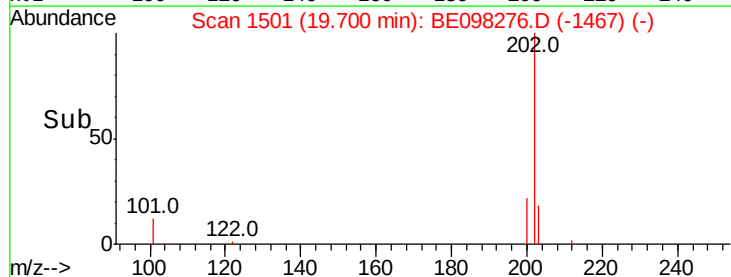
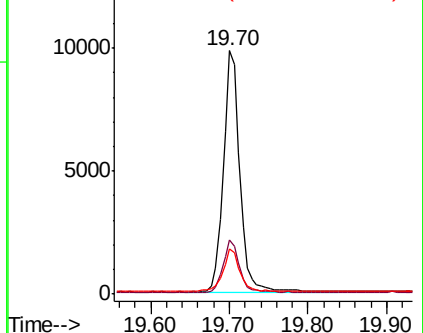
203 18.0 14.1 21.1

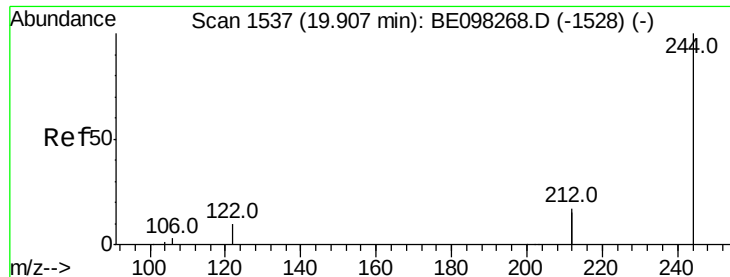


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.530 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

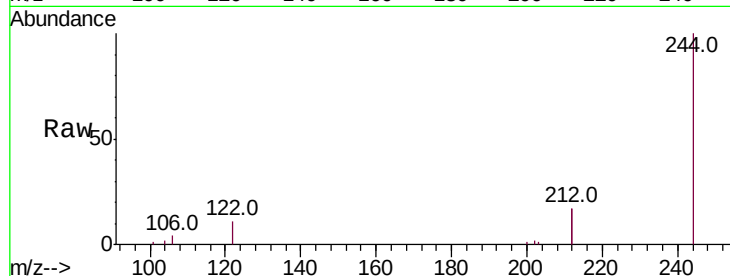
Tot Ion:244 Resp: 11690

Ion Ratio Lower Upper

244 100

212 34.6 27.4 41.0

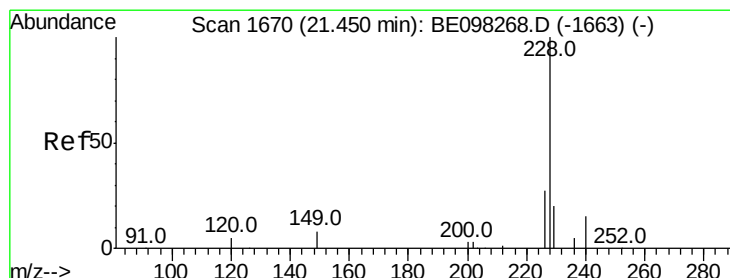
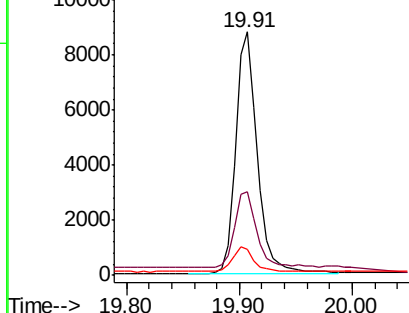
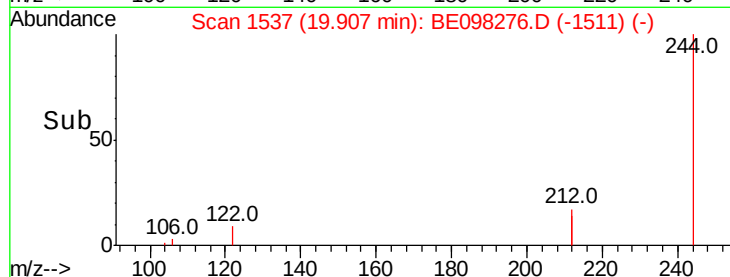
122 10.6 8.3 12.5



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: 0.516 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

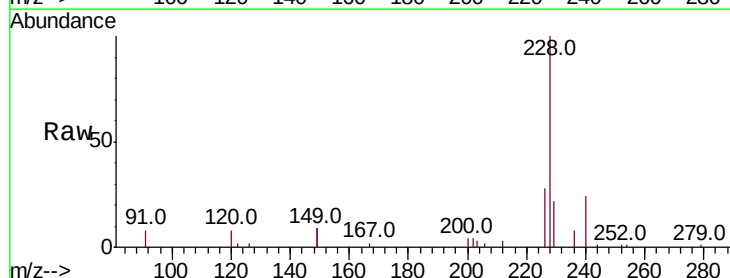
Tgt Ion:228 Resp: 14896

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

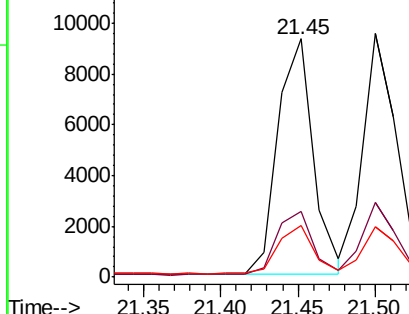
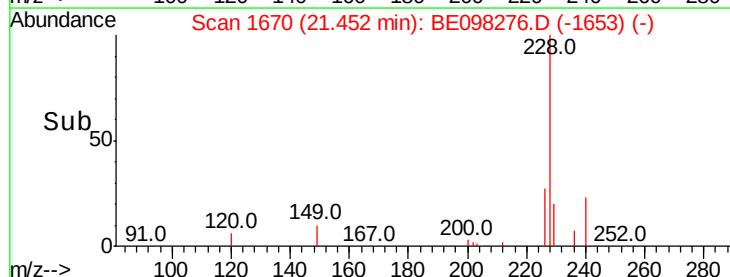
229 21.7 16.3 24.5

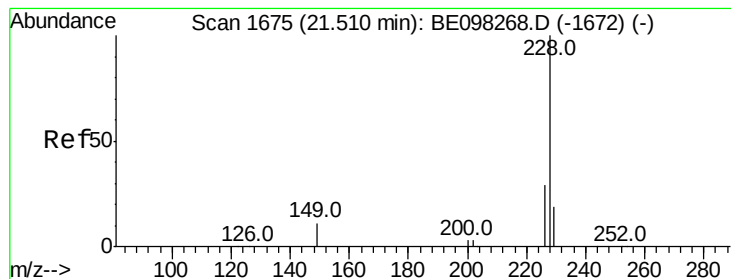


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

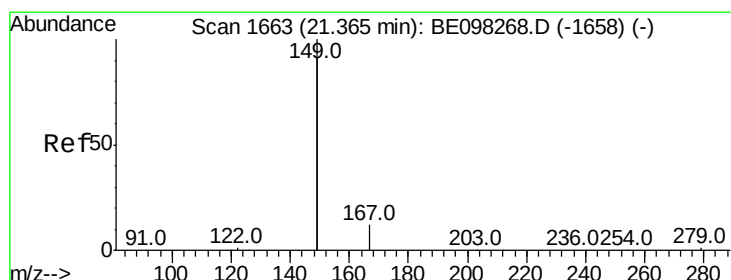
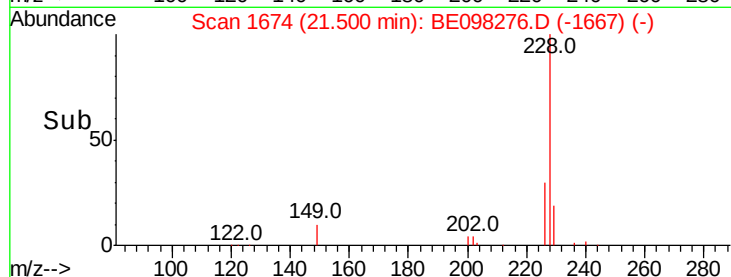
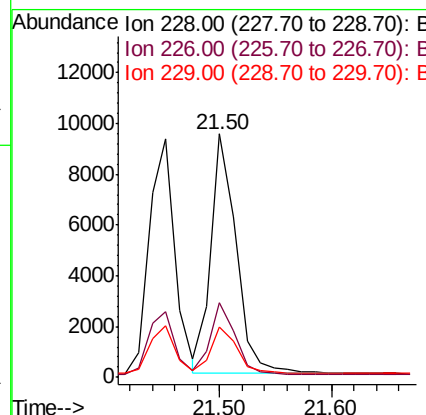
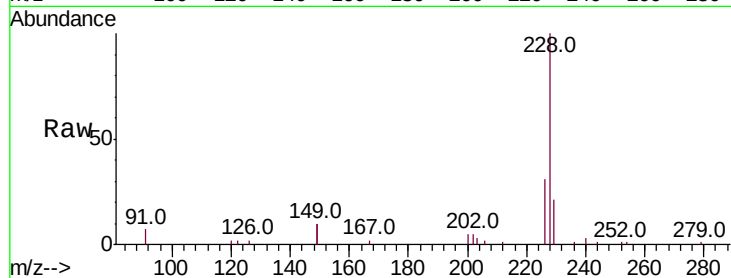




#31
 Chrysene
 Concen: 0.498 ng
 RT: 21.50 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BE098276.D
 Acq: 29 Nov 2018 16:27

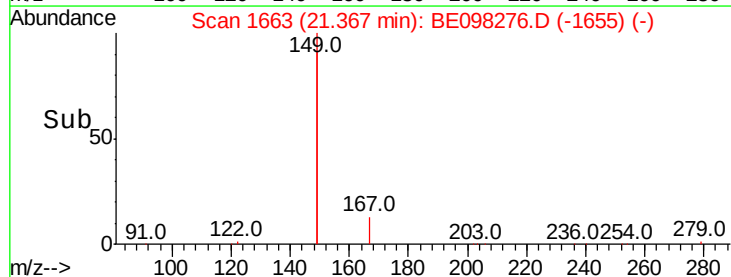
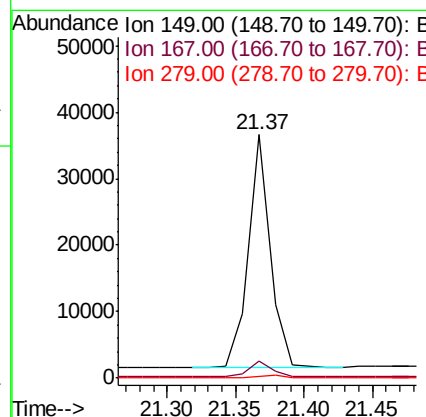
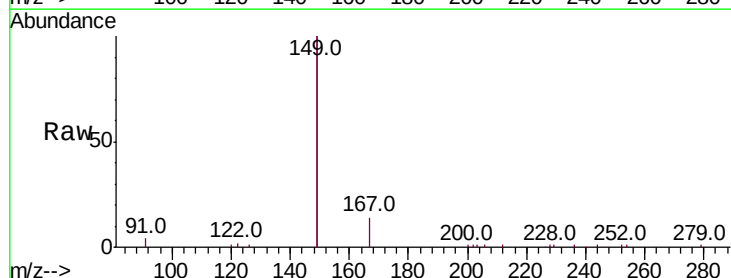
Instrument :
 BNA_E
 ClientSampleId :

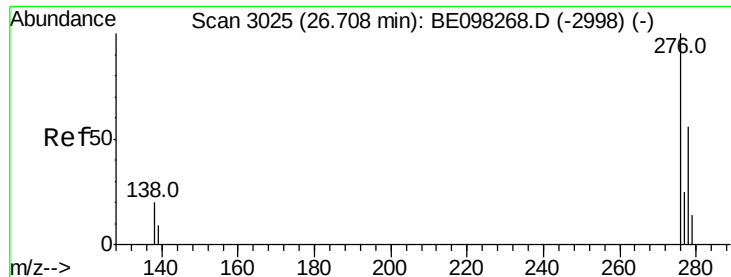
Tot Ion:228 Resp: 14604
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.4 35.0
 229 20.5 16.2 24.4



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.563 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BE098276.D
 Acq: 29 Nov 2018 16:27

Tgt Ion:149 Resp: 38927
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.7 8.5
 279 1.1 1.0 1.4





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.533 ng

RT: 26.70 min Scan# 3023

Delta R.T. -0.01 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

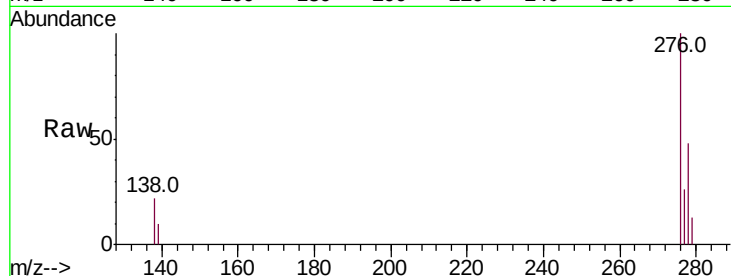
Tot Ion:276 Resp: 15800

Ion Ratio Lower Upper

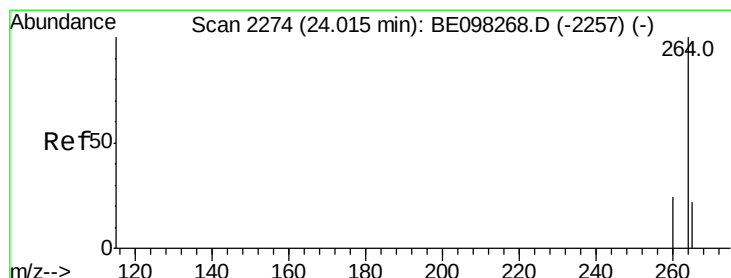
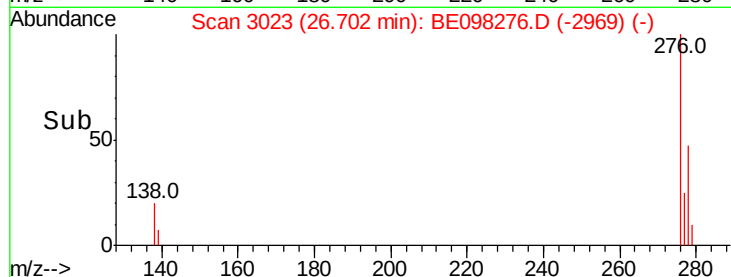
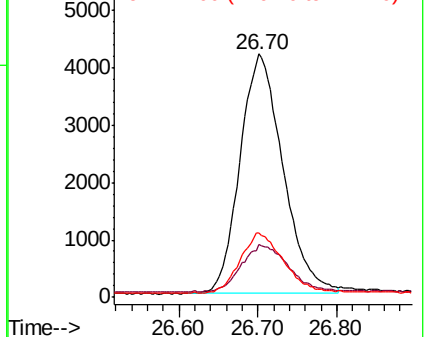
276 100

138 21.3 16.3 24.5

277 25.0 20.2 30.4



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

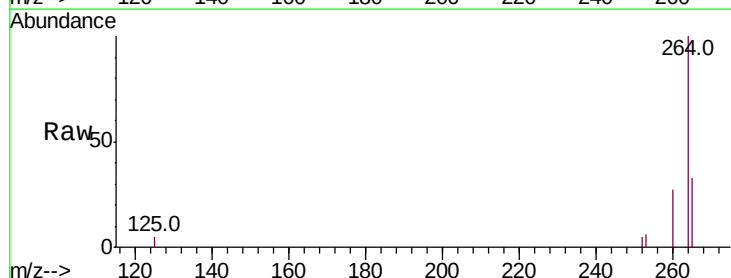
Tgt Ion:264 Resp: 9592

Ion Ratio Lower Upper

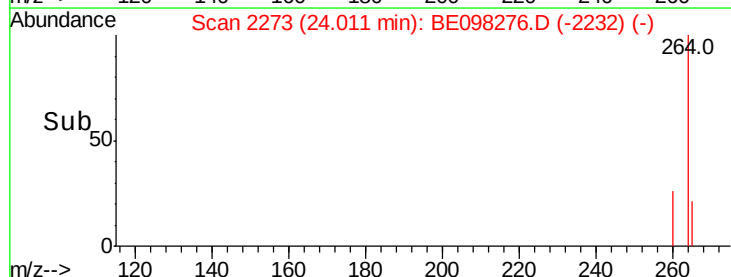
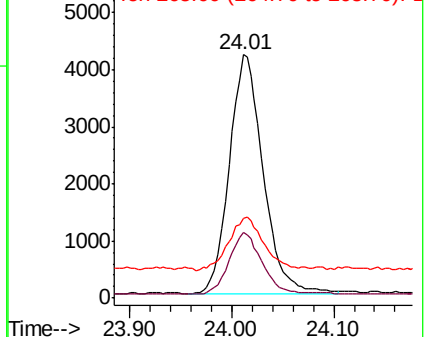
264 100

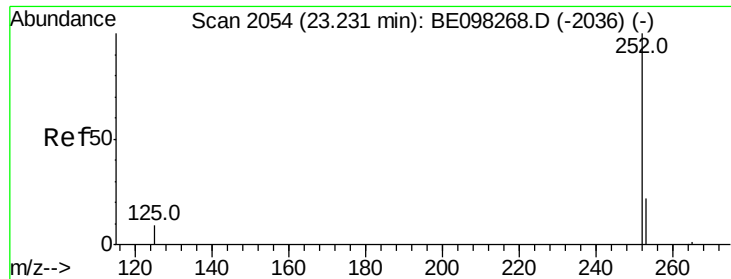
260 26.8 20.2 30.2

265 32.7 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.537 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.05 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :

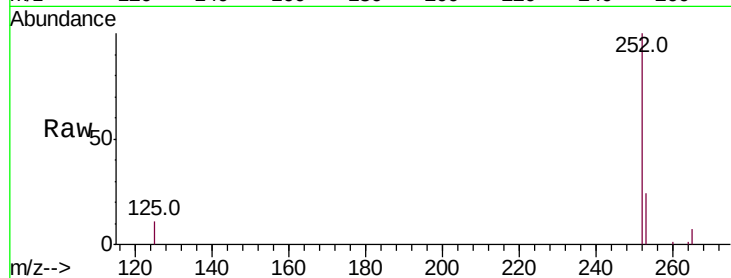
Tot Ion:252 Resp: 15109

Ion Ratio Lower Upper

252 100

253 24.1 20.0 30.0

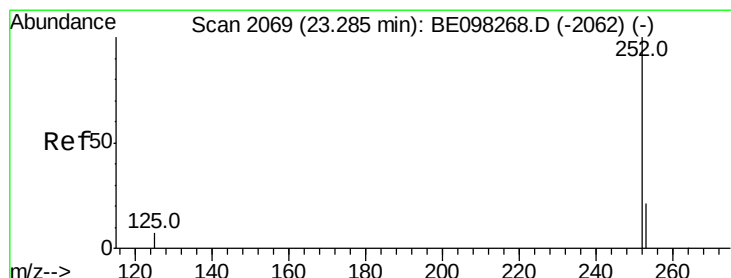
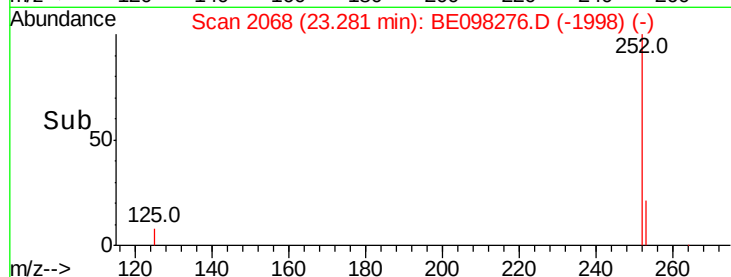
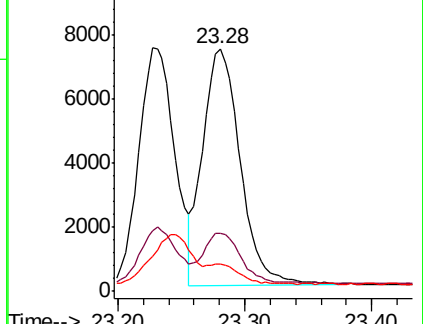
125 11.1 9.6 14.4



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



#36

Benzo(k)fluoranthene

Concen: 0.512 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

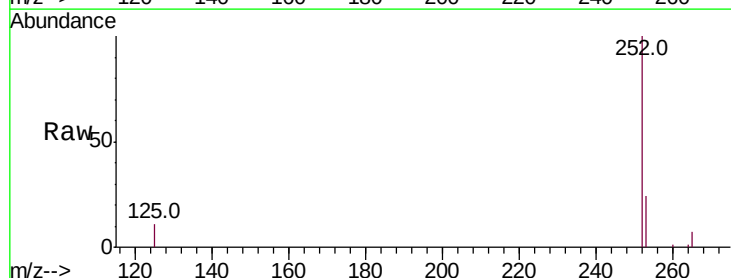
Tgt Ion:252 Resp: 15109

Ion Ratio Lower Upper

252 100

253 24.1 19.0 28.6

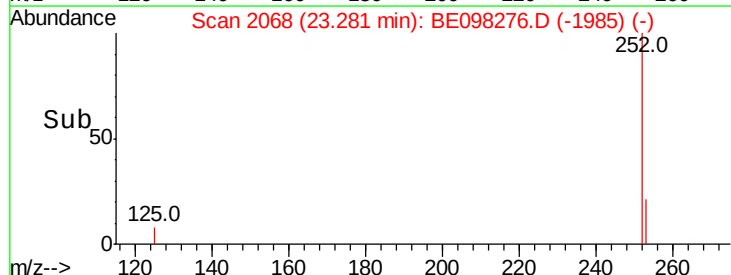
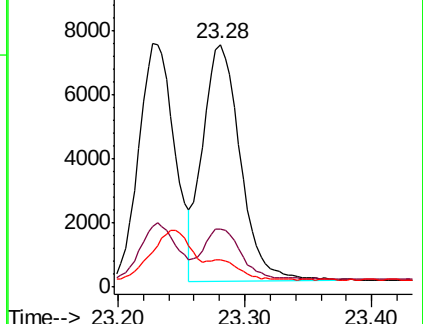
125 11.1 9.1 13.7

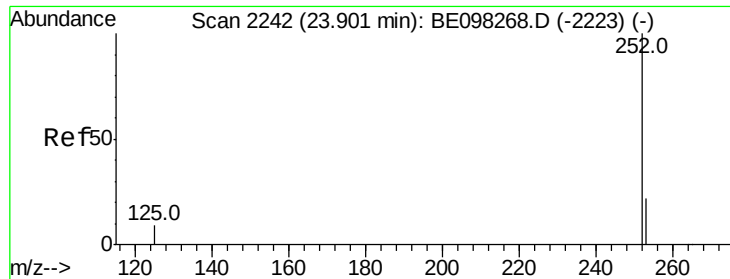


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

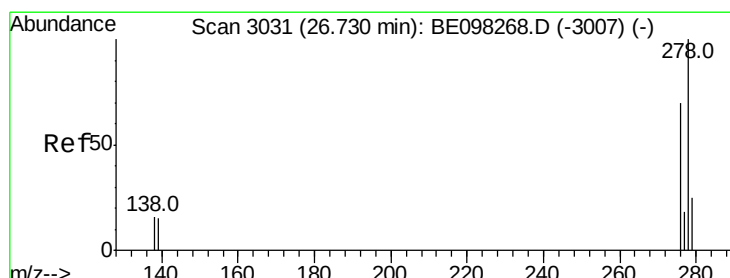
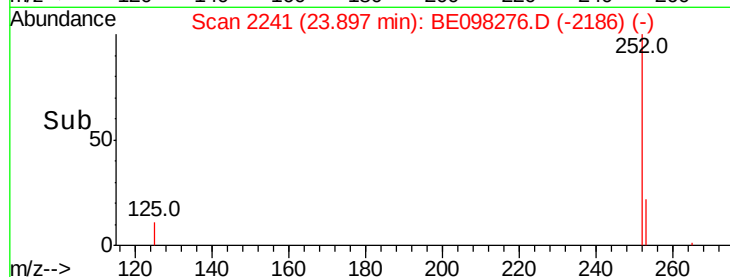
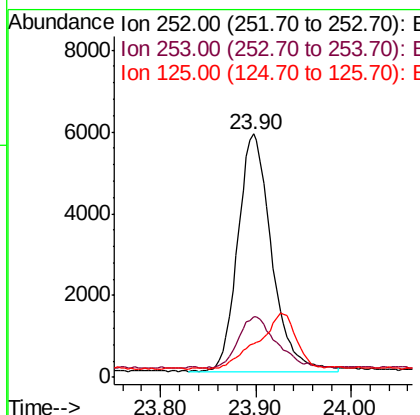
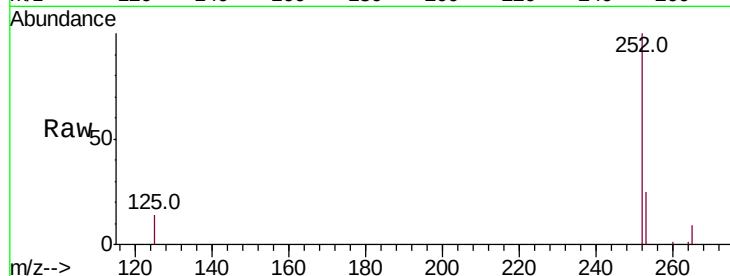




#37
Benzo(a)pyrene
Concen: 0.530 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

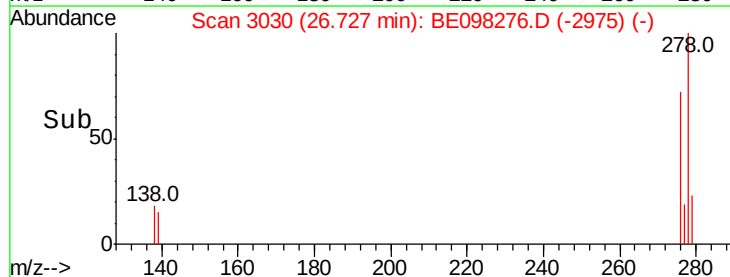
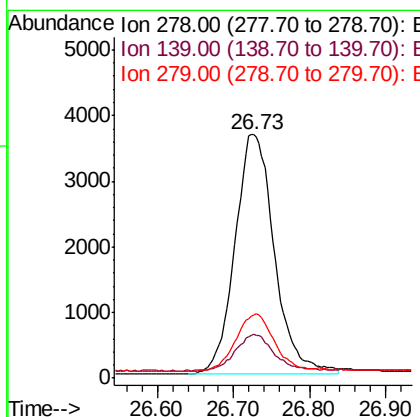
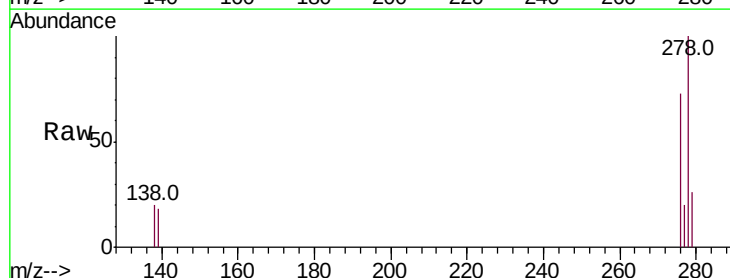
Instrument :
BNA_E
ClientSampleId :

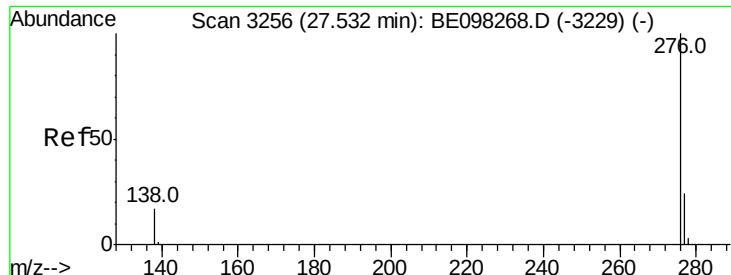
Tot Ion:252 Resp: 14347
Ion Ratio Lower Upper
252 100
253 24.8 20.6 30.8
125 14.0 10.5 15.7



#38
Dibenzo(a,h)anthracene
Concen: 0.514 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BE098276.D
Acq: 29 Nov 2018 16:27

Tgt Ion:278 Resp: 13194
Ion Ratio Lower Upper
278 100
139 17.8 14.5 21.7
279 25.9 21.8 32.8





#39

Benzo(a,h,i)perylene

Concen: 0.531 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.01 min

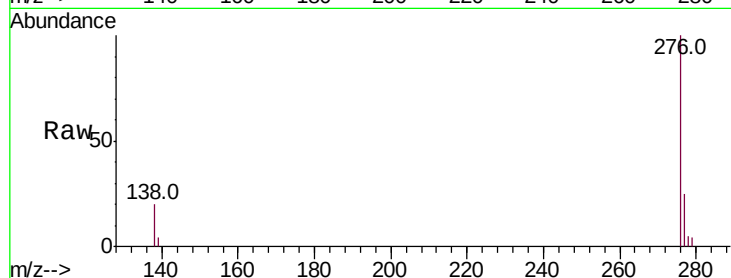
Lab File: BE098276.D

Acq: 29 Nov 2018 16:27

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 13665

Ion Ratio Lower Upper

276 100

277 25.1 20.8 31.2

138 20.1 15.8 23.6

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

