

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
 Data File : BE098216.D
 Acq On : 13 Nov 2018 19:42
 Operator : SJ/JU
 Sample : J5864-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 14 00:07:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1068	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4441	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3020	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8457	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9803	0.40	ng	0.00
34) Perylene-d12	24.01	264	9298	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1199	0.40	ng	0.00
5) Phenol-d6	7.03	99	1927	0.40	ng	0.00
8) Nitrobenzene-d5	9.02	82	1847	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3146	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	651	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4524	0.36	ng	0.00
25) Fluoranthene-d10	19.31	212	46104	0.44	ng	0.00
29) Terphenyl-d14	19.91	244	8676	0.39	ng	0.00

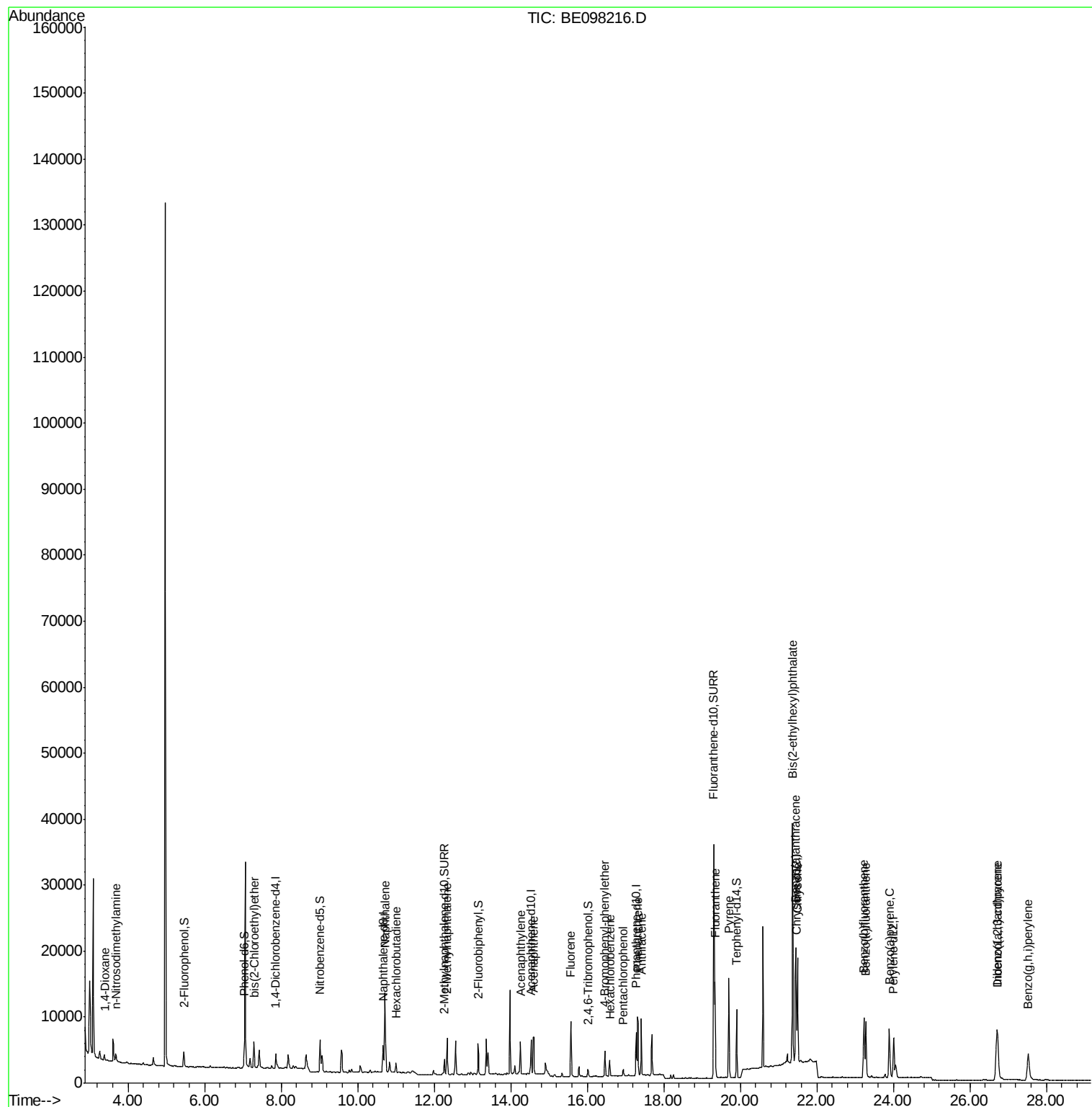
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	464	0.288	ng	# 68
3) n-Nitrosodimethylamine	3.68	42	853	0.407	ng	# 84
6) bis(2-Chloroethyl)ether	7.29	93	1435	0.367	ng	95
9) Naphthalene	10.72	128	19942	0.442	ng	100
10) Hexachlorobutadiene	11.00	225	1026	0.365	ng	96
12) 2-Methylnaphthalene	12.34	142	3626	0.463	ng	97
16) Acenaphthylene	14.26	152	6263	0.452	ng	98
17) Acenaphthene	14.60	154	3524	0.417	ng	99
18) Fluorene	15.57	166	5442	0.503	ng	97
20) 4-Bromophenyl-phenylether	16.46	248	2003	0.389	ng	94
21) Hexachlorobenzene	16.59	284	2007	0.374	ng	98
22) Pentachlorophenol	16.94	266	603	0.584	ng	95
23) Phenanthrene	17.31	178	10288	0.488	ng	99
24) Anthracene	17.41	178	9250	0.471	ng	99
26) Fluoranthene	19.34	202	13393	0.513	ng	99
28) Pyrene	19.70	202	13737	0.509	ng	99
30) Benzo(a)anthracene	21.45	228	14300	0.513	ng	98
31) Chrysene	21.50	228	13190	0.466	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	40167	0.694	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	13400	0.517	ng	# 90
35) Benzo(b)fluoranthene	23.23	252	13391	0.508	ng	97
36) Benzo(k)fluoranthene	23.28	252	13277	0.477	ng	99
37) Benzo(a)pyrene	23.90	252	12625	0.499	ng	97
38) Dibenzo(a,h)anthracene	26.73	278	10635	0.494	ng	# 94
39) Benzo(g,h,i)perylene	27.53	276	11350	0.505	ng	98

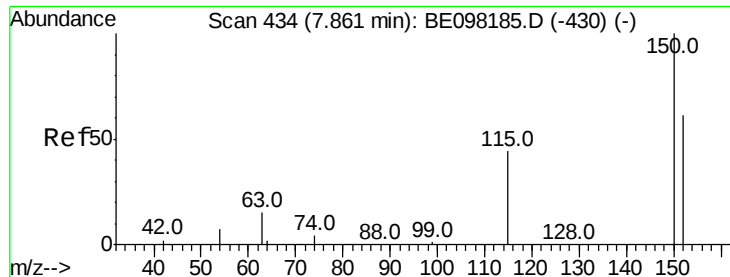
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 12 13:32:15 2018
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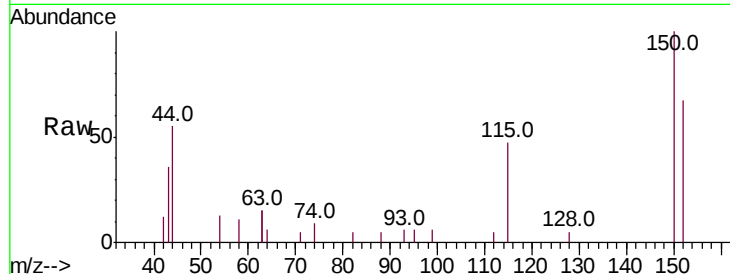


#1

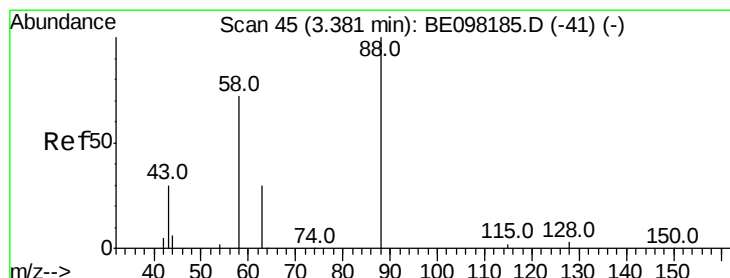
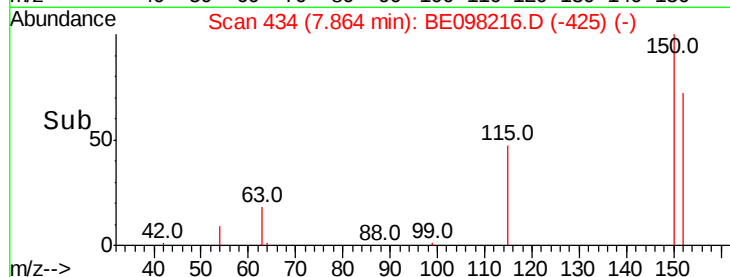
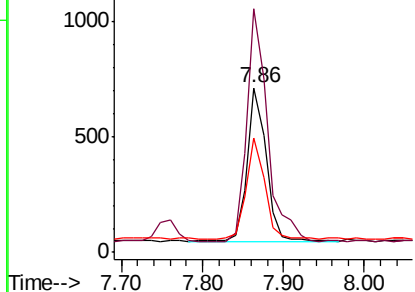
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098216.D
Acq: 13 Nov 2018 19:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1068
Ion Ratio Lower Upper
152 100
150 148.2 127.5 191.3
115 69.4 60.3 90.5



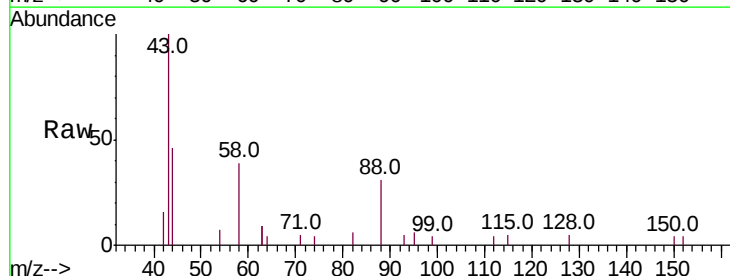
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



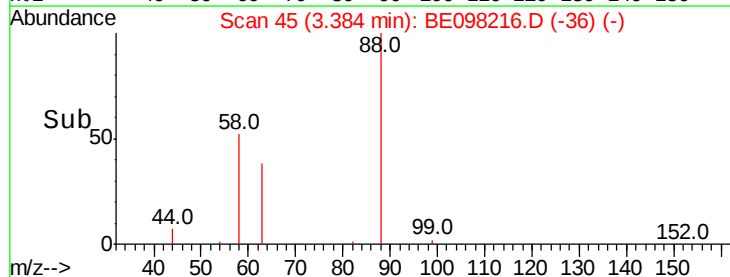
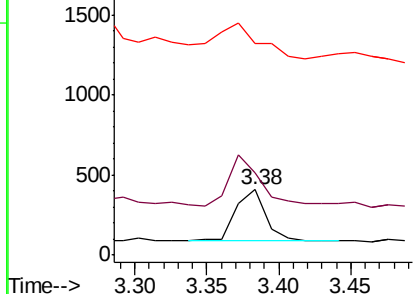
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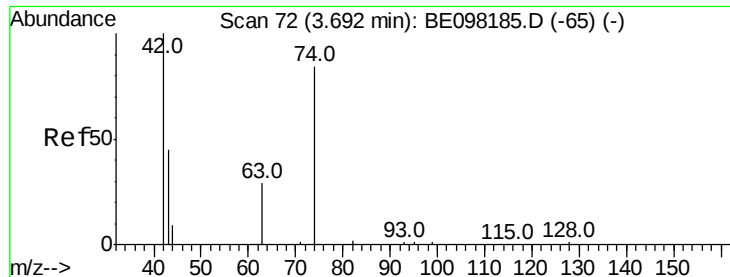
1,4-Dioxane
Concen: 0.288 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098216.D
Acq: 13 Nov 2018 19:42

Tgt Ion: 88 Resp: 464
Ion Ratio Lower Upper
88 100
58 105.4 79.0 118.4
43 103.9 38.1 57.1#



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



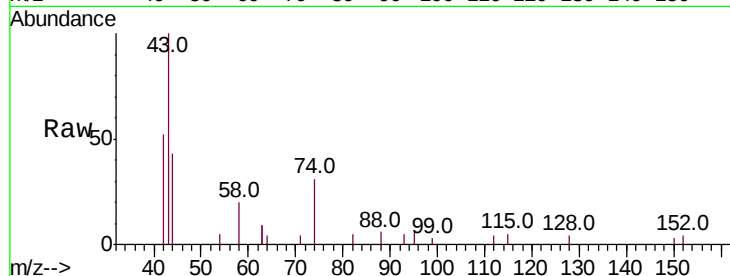


#3

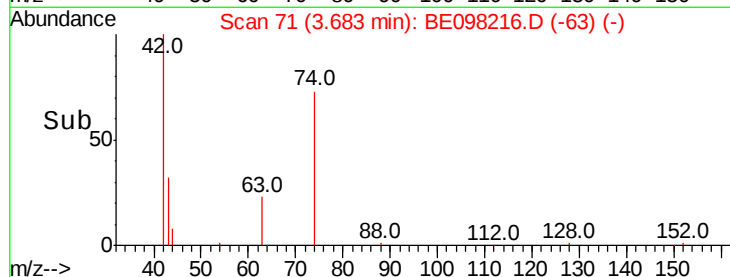
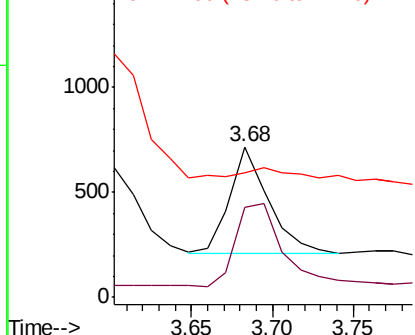
n-Nitrosodimethylamine
Concen: 0.407 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098216.D
Acq: 13 Nov 2018 19:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 853
Ion Ratio Lower Upper
42 100
74 93.4 61.7 92.5#
44 17.1 14.0 21.0



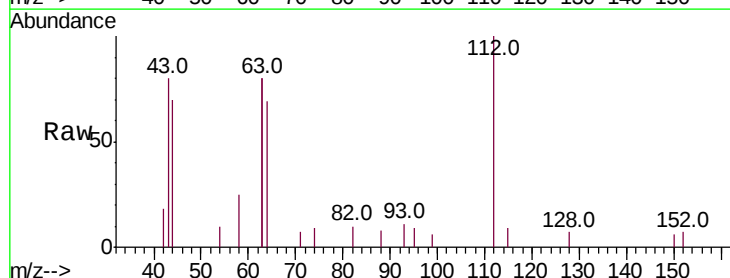
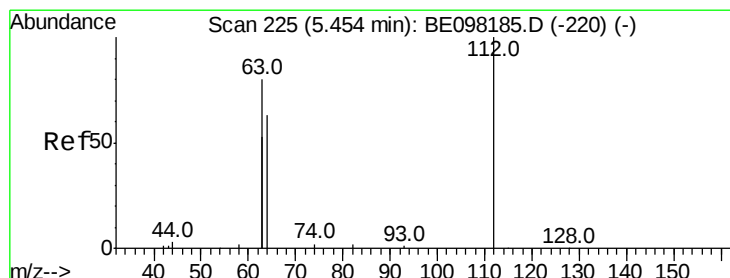
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



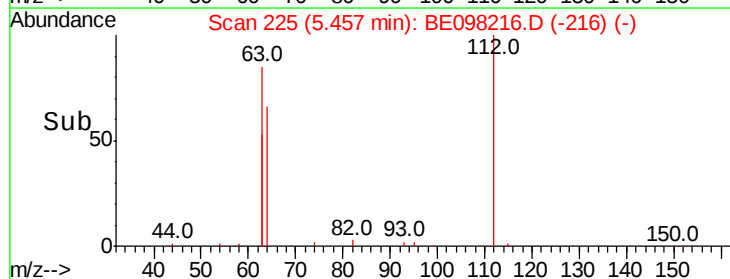
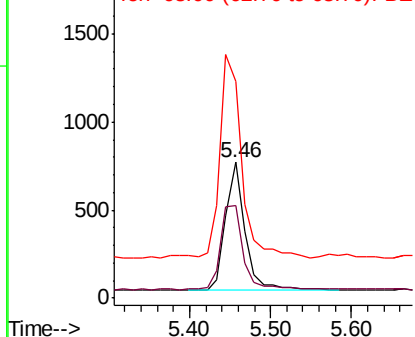
#4

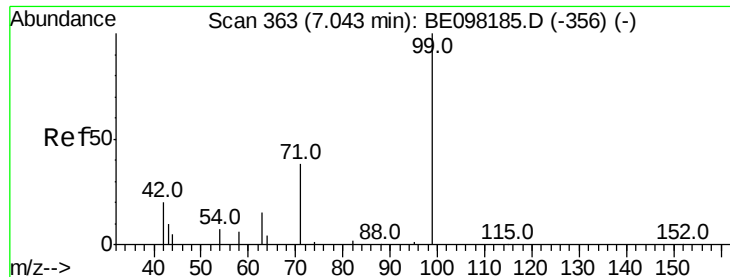
2-Fluorophenol
Concen: 0.398 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098216.D
Acq: 13 Nov 2018 19:42

Tgt Ion: 112 Resp: 1199
Ion Ratio Lower Upper
112 100
64 77.2 61.7 92.5
63 176.1 136.2 204.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.398 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

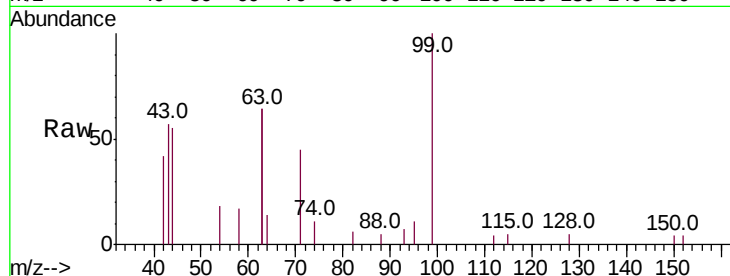
Tot Ion: 99 Resp: 1927

Ion Ratio Lower Upper

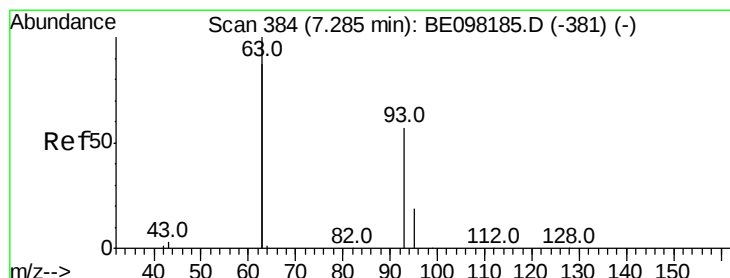
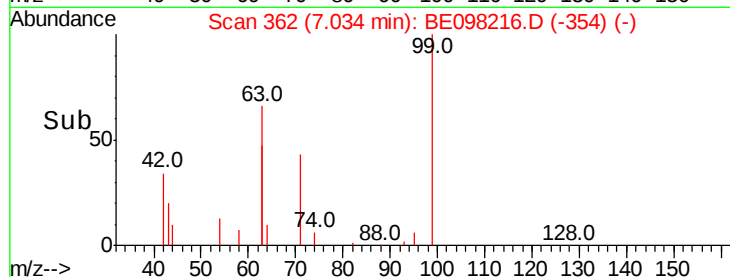
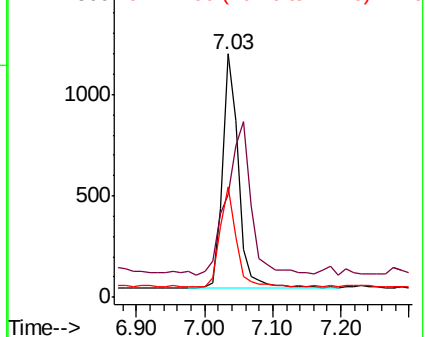
99 100

42 0.0 27.1 40.7#

71 42.3 37.0 55.6



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.367 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

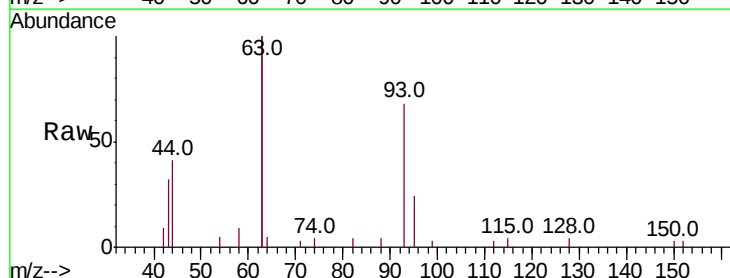
Tgt Ion: 93 Resp: 1435

Ion Ratio Lower Upper

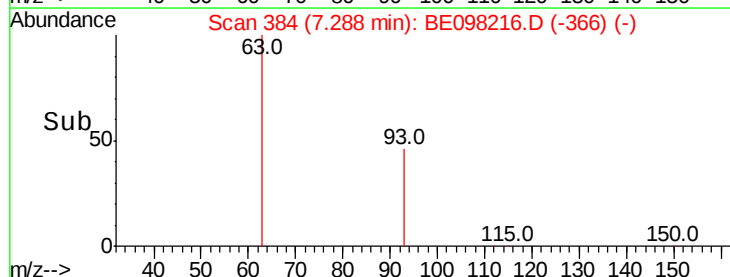
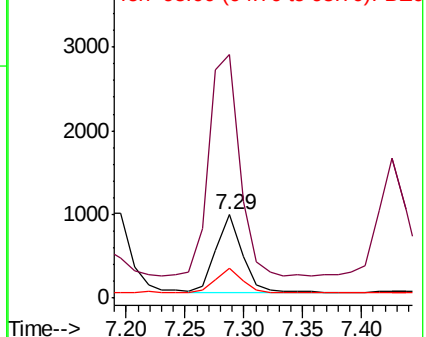
93 100

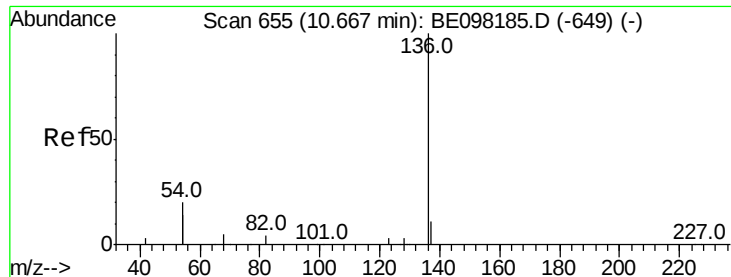
63 330.0 272.6 409.0

95 32.6 27.1 40.7



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: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4441

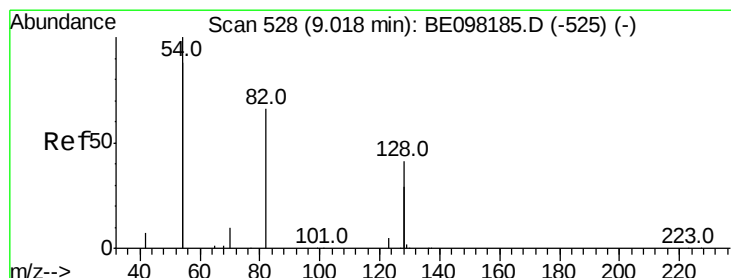
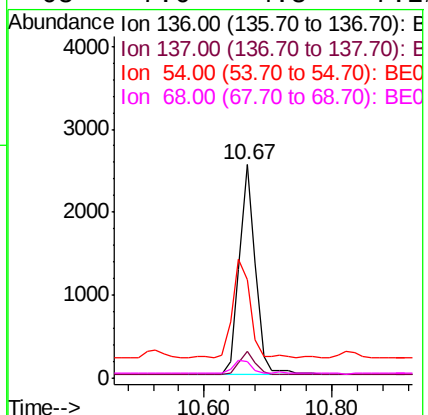
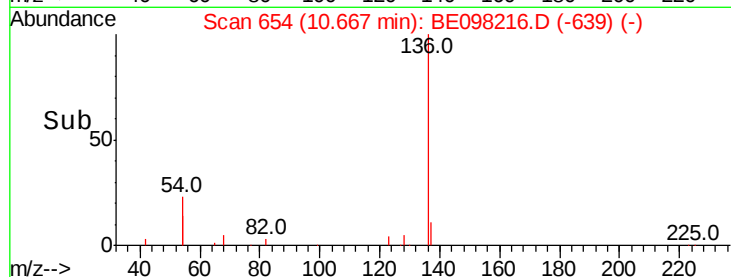
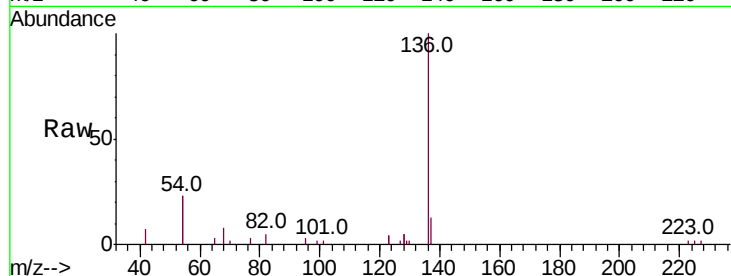
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 46.2 31.3 46.9

68 7.6 4.8 7.2#



#8

Nitrobenzene-d5

Concen: 0.417 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

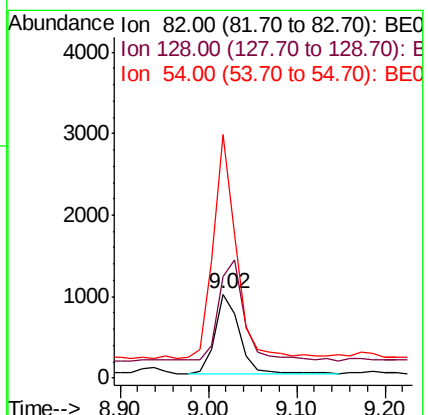
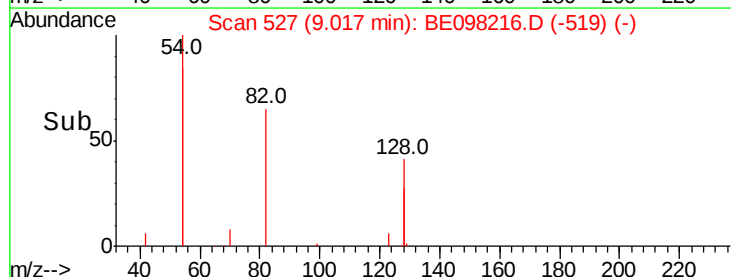
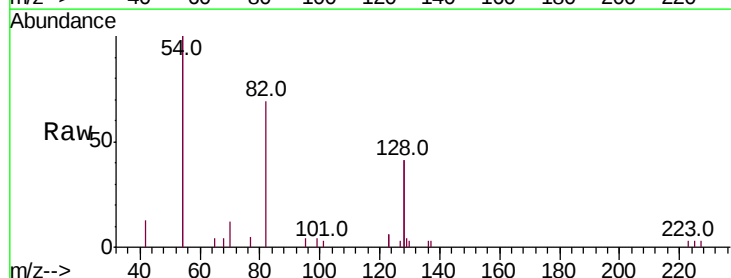
Tgt Ion: 82 Resp: 1847

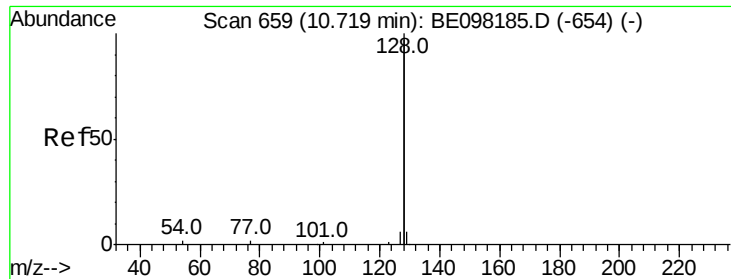
Ion Ratio Lower Upper

82 100

128 119.8 96.1 144.1

54 289.3 232.0 348.0





#9

Naphthalene

Concen: 0.442 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

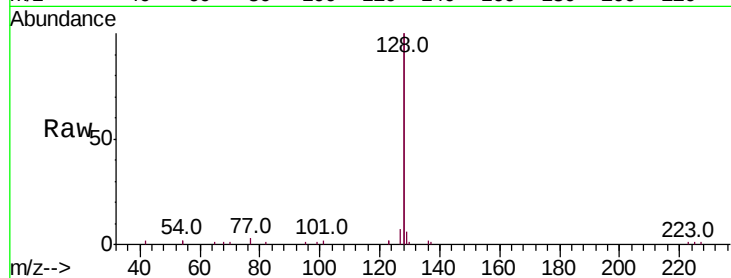
Tot Ion:128 Resp: 19942

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

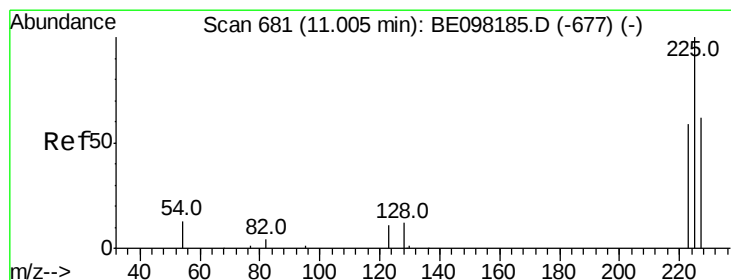
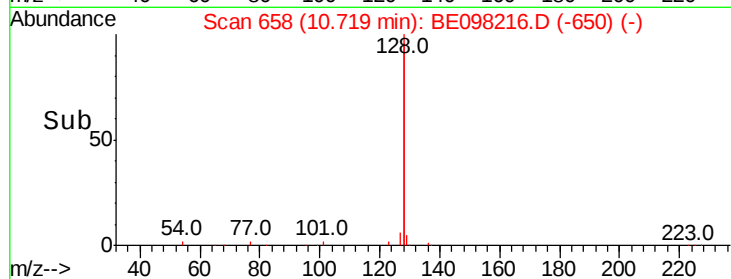
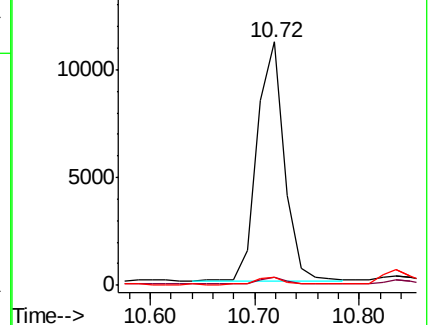
127 3.6 2.8 4.2



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: 0.365 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

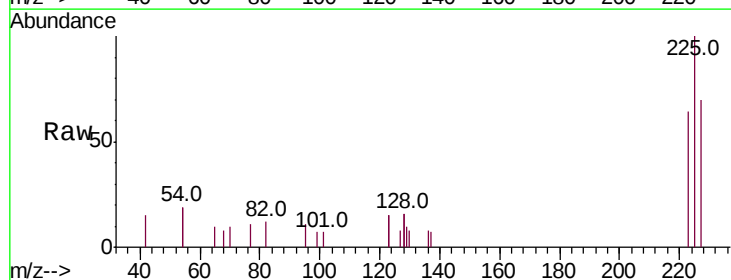
Tgt Ion:225 Resp: 1026

Ion Ratio Lower Upper

225 100

223 65.2 50.5 75.7

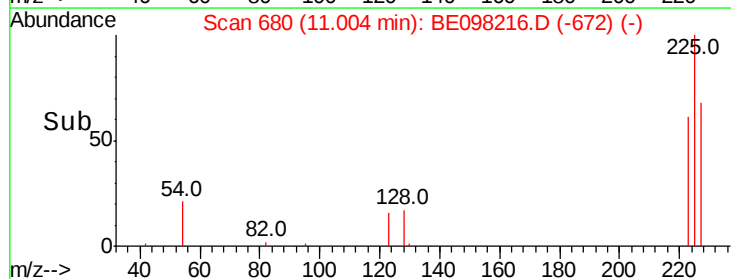
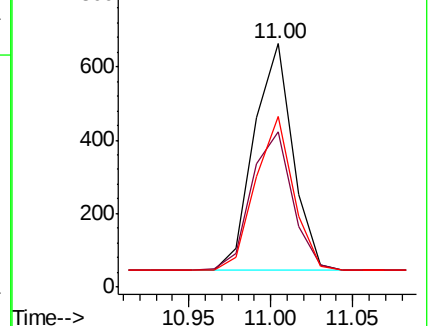
227 66.3 50.3 75.5

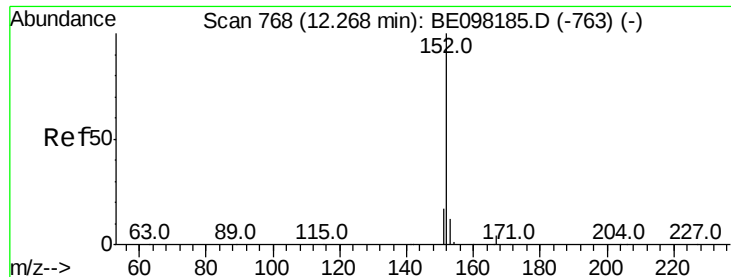


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

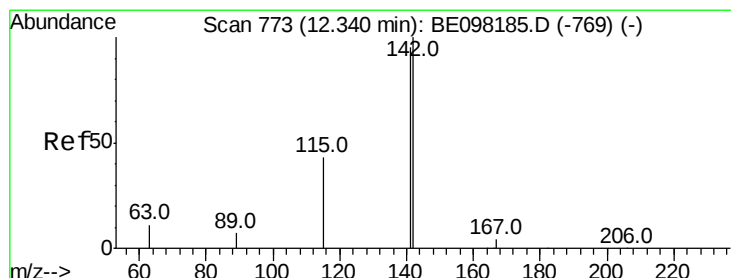
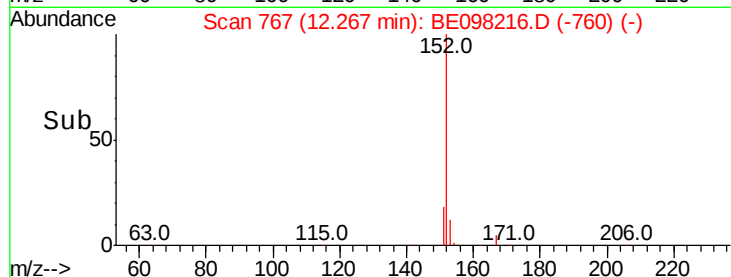
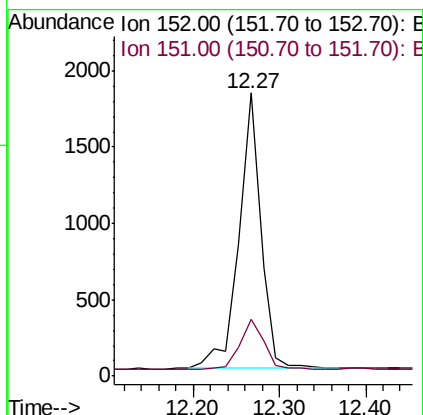
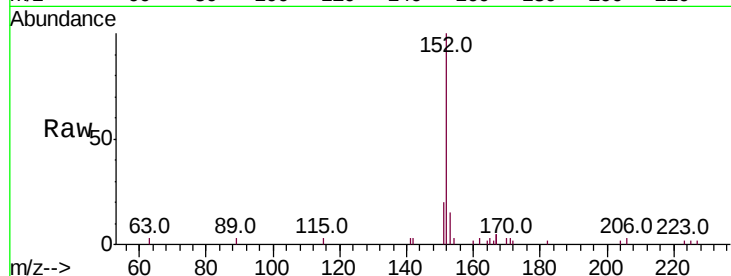




#11
 2-Methylnaphthalene-d10
 Concen: 0.404 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098216.D
 Acq: 13 Nov 2018 19:42

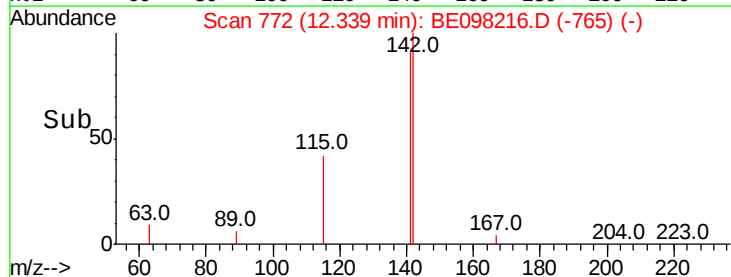
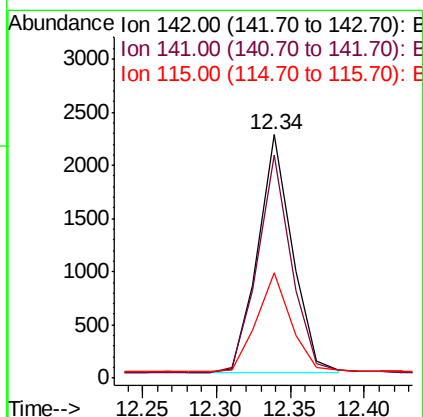
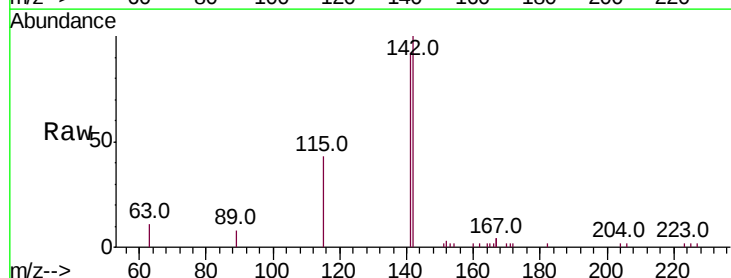
Instrument :
 BNA_E
 ClientSampleId :

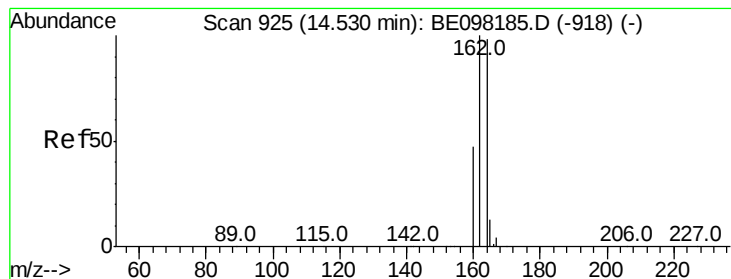
Tot Ion:152 Resp: 3146
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.463 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098216.D
 Acq: 13 Nov 2018 19:42

Tgt Ion:142 Resp: 3626
 Ion Ratio Lower Upper
 142 100
 141 91.6 76.3 114.5
 115 43.3 35.8 53.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

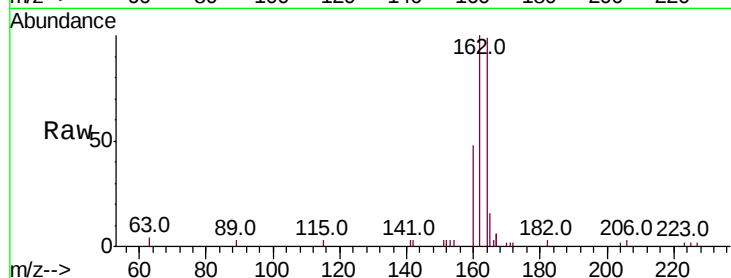
Tot Ion:164 Resp: 3020

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

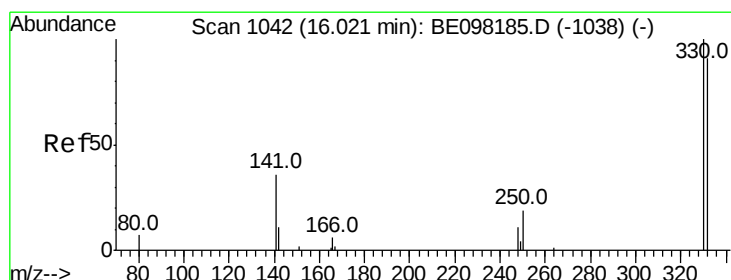
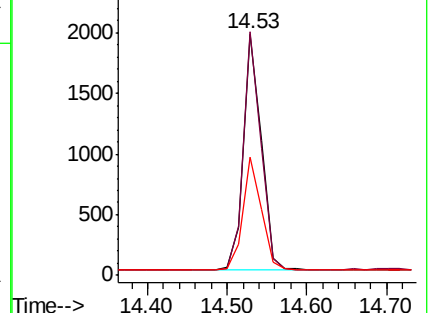
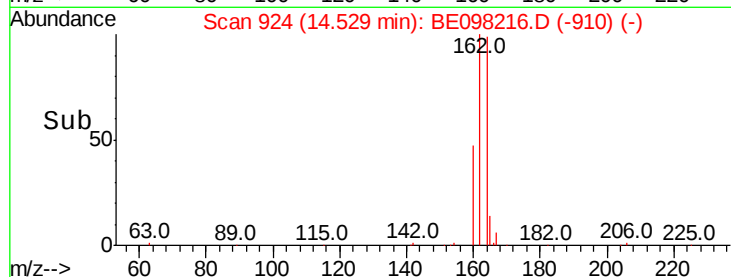
160 48.9 39.4 59.0



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: 0.494 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

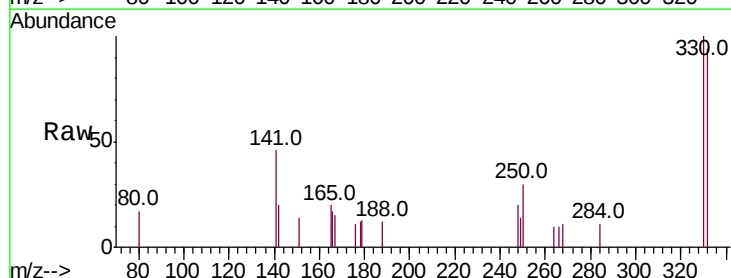
Tgt Ion:330 Resp: 651

Ion Ratio Lower Upper

330 100

332 98.5 77.7 116.5

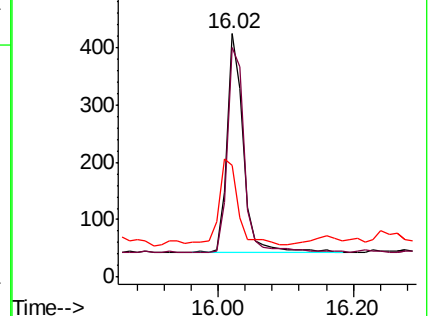
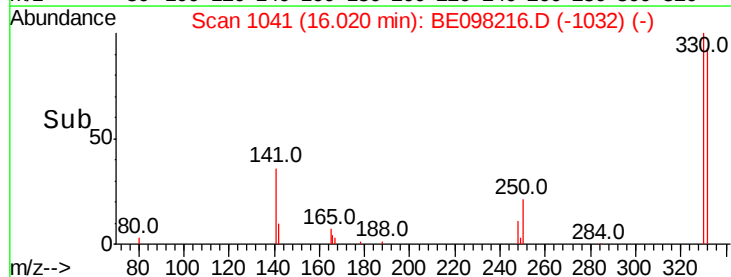
141 44.1 33.6 50.4

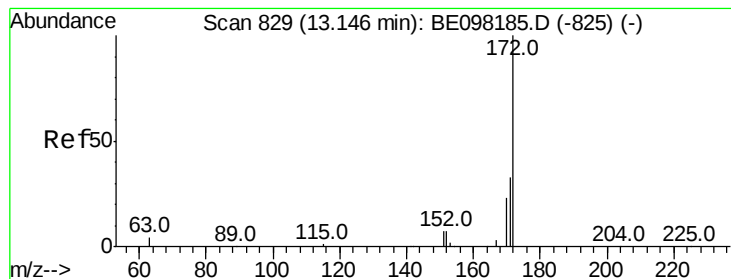


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

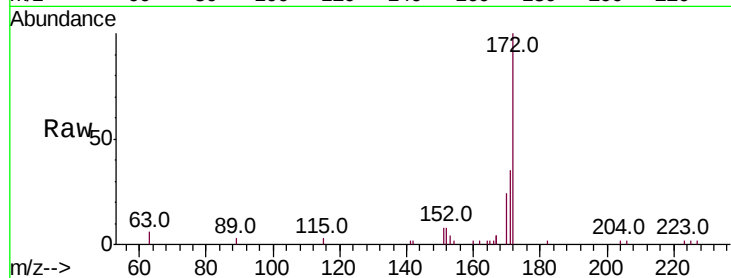




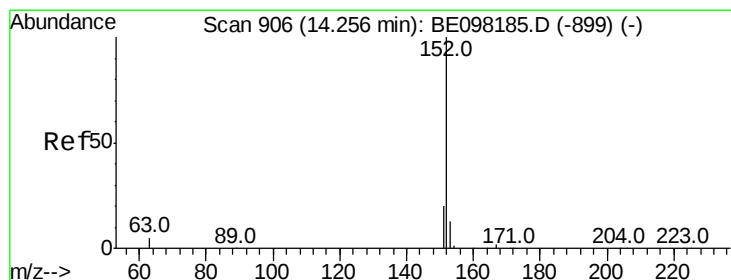
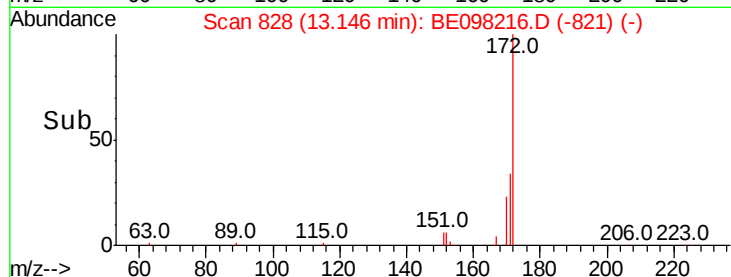
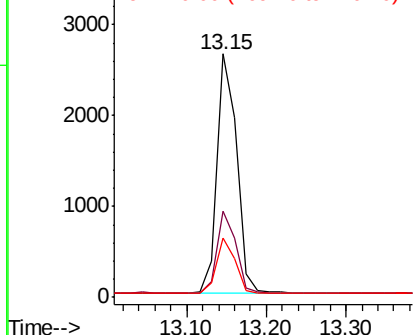
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098216.D
Acq: 13 Nov 2018 19:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4524
Ion Ratio Lower Upper
172 100
171 35.5 27.3 40.9
170 24.4 19.4 29.0

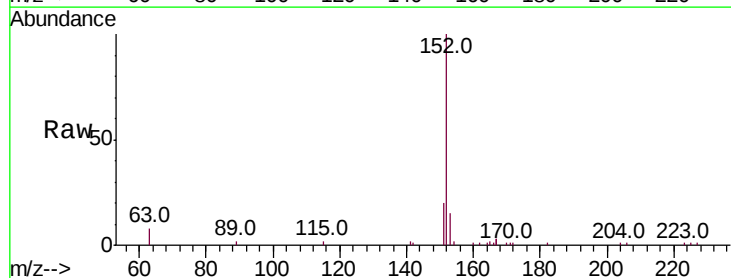


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

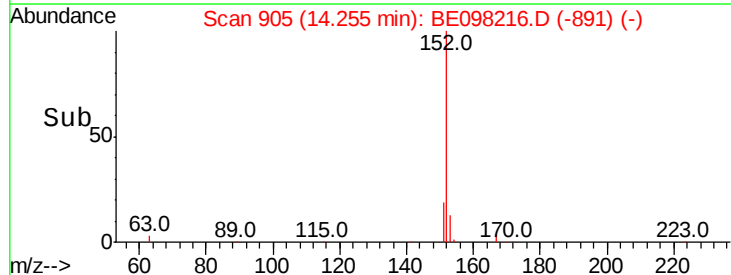
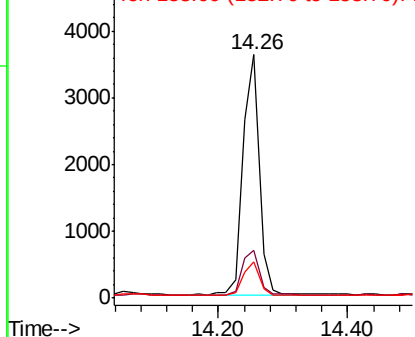


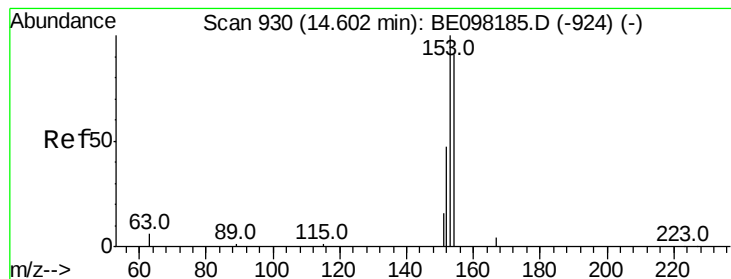
#16
Acenaphthylene
Concen: 0.452 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098216.D
Acq: 13 Nov 2018 19:42

Tgt Ion:152 Resp: 6263
Ion Ratio Lower Upper
152 100
151 19.5 16.4 24.6
153 13.5 10.6 15.8



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: 0.417 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

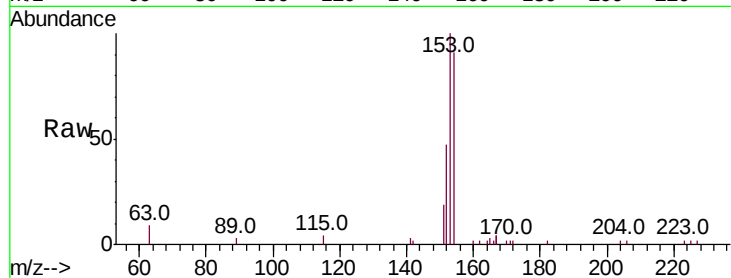
Tot Ion:154 Resp: 3524

Ion Ratio Lower Upper

154 100

153 115.9 92.1 138.1

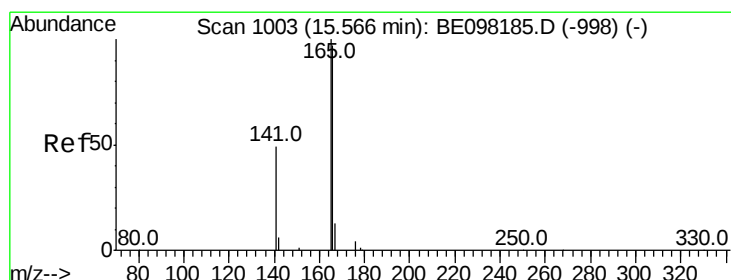
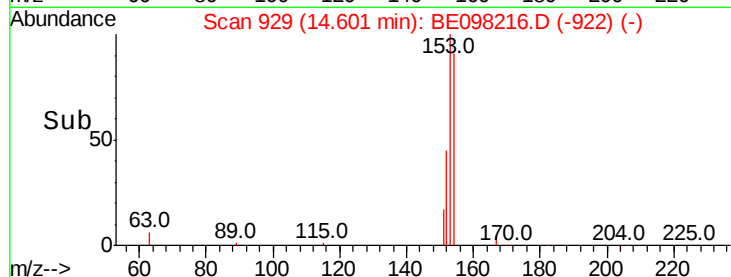
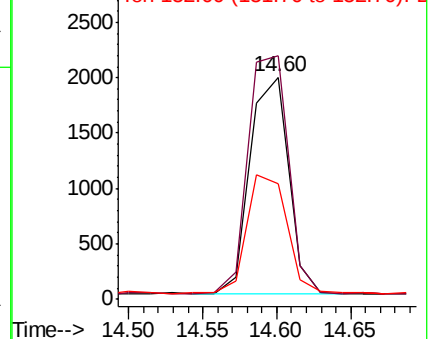
152 56.9 46.2 69.2



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: 0.503 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

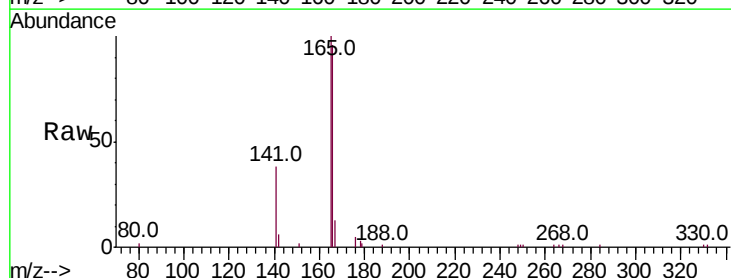
Tgt Ion:166 Resp: 5442

Ion Ratio Lower Upper

166 100

165 97.3 80.1 120.1

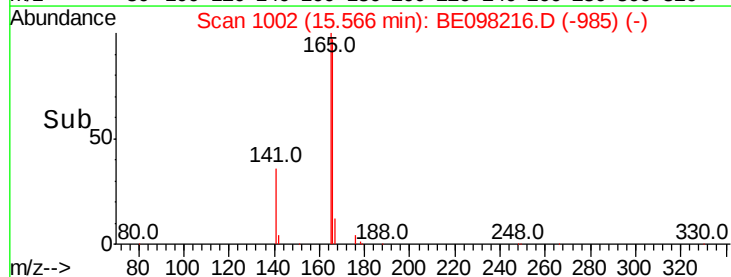
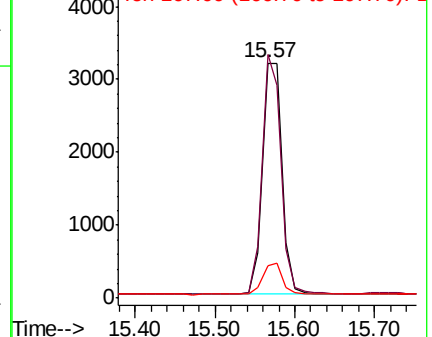
167 13.9 10.8 16.2

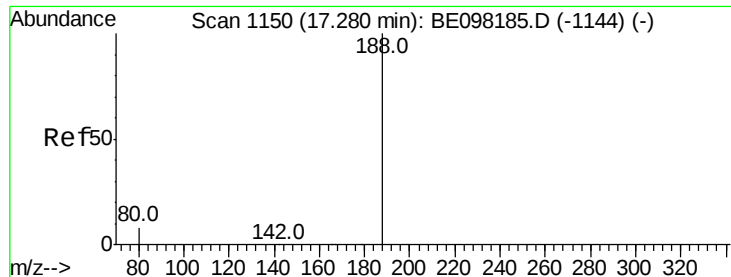


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

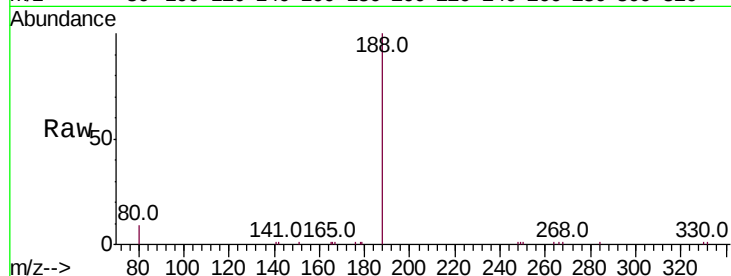
Tot Ion:188 Resp: 8457

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

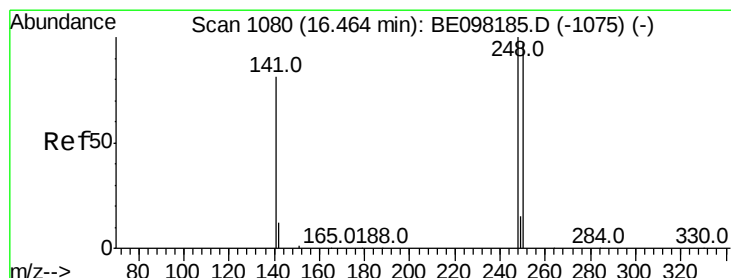
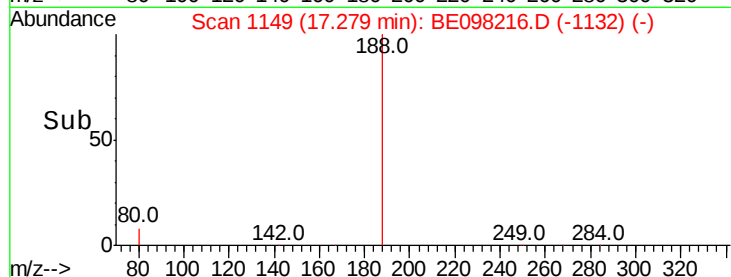
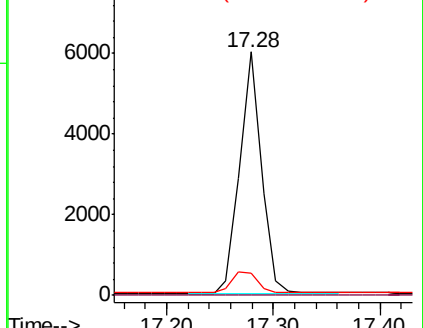
80 9.4 6.7 10.1



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: 0.389 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

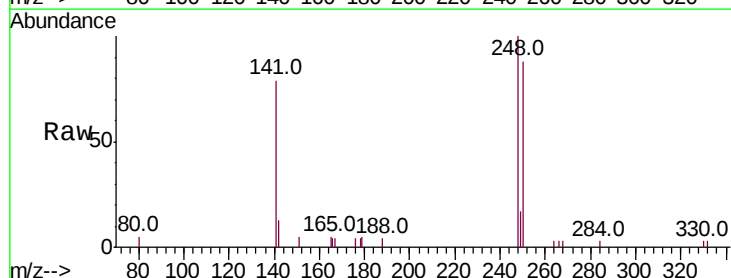
Tgt Ion:248 Resp: 2003

Ion Ratio Lower Upper

248 100

250 87.9 77.6 116.4

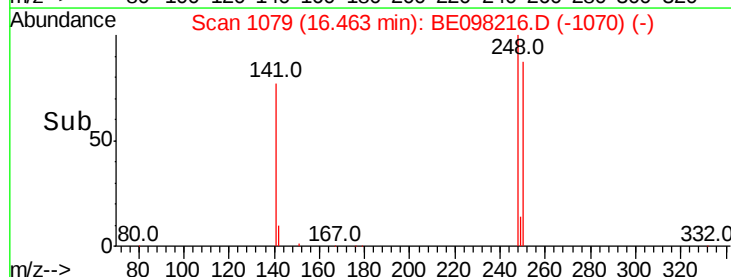
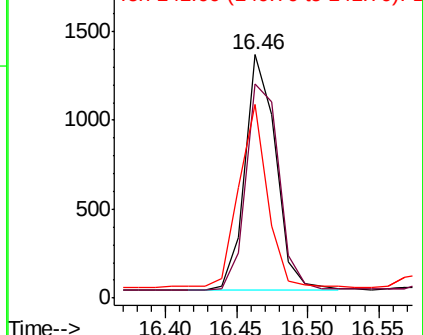
141 79.4 65.8 98.8

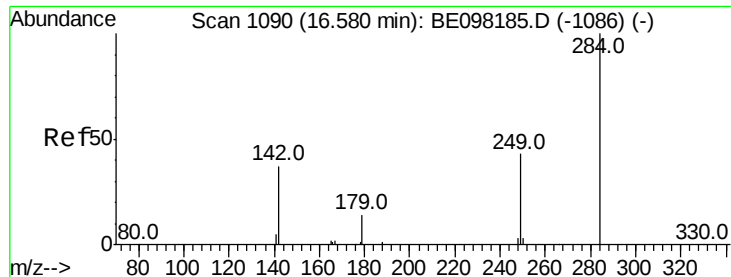


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.374 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

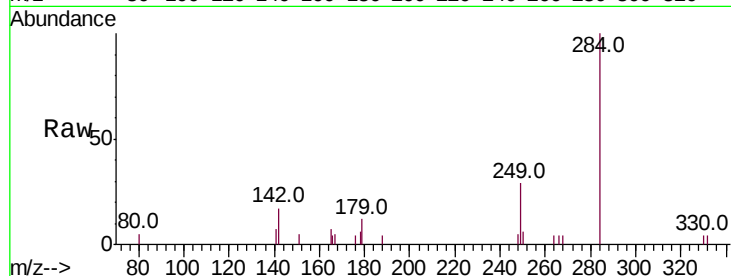
Tot Ion:284 Resp: 2007

Ion	Ratio	Lower	Upper
284	100		
142	33.9	26.5	39.7
249	33.8	28.4	42.6

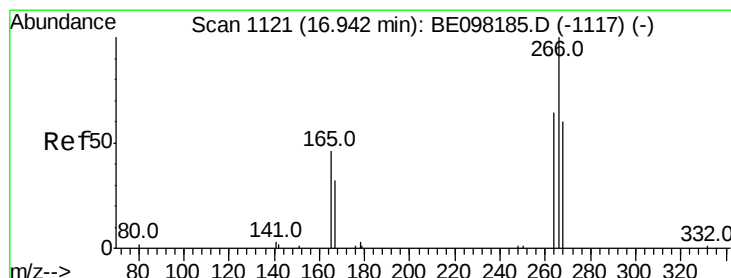
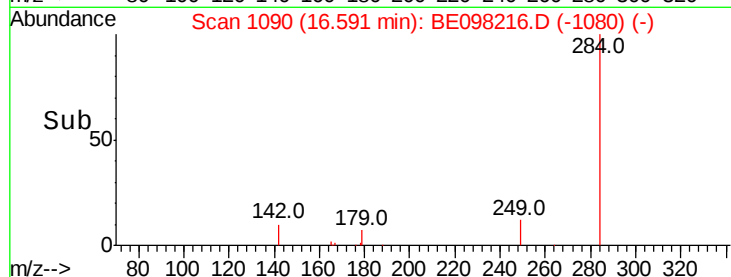
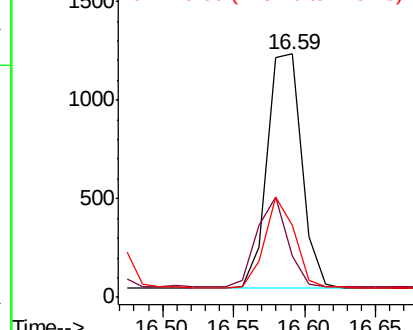
284 100

142 33.9 26.5 39.7

249 33.8 28.4 42.6



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: 0.584 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

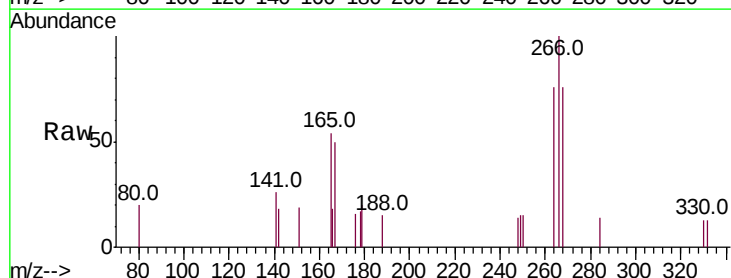
Tgt Ion:266 Resp: 603

Ion	Ratio	Lower	Upper
266	100		
264	75.7	57.6	86.4
268	76.3	56.8	85.2

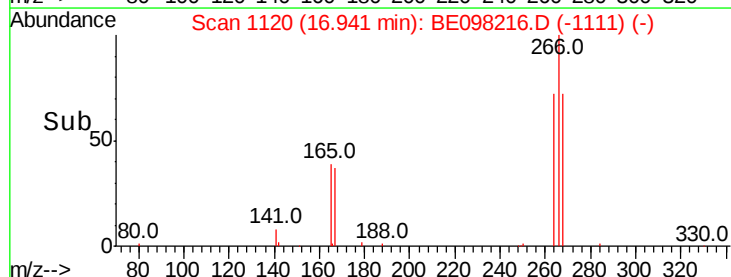
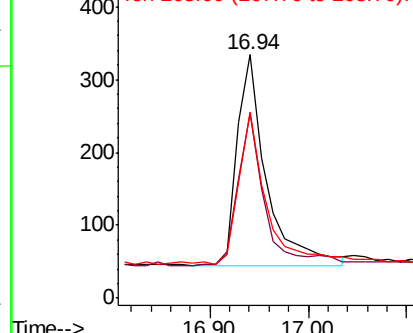
266 100

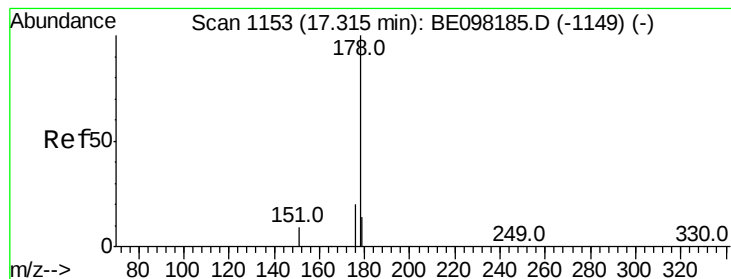
264 75.7 57.6 86.4

268 76.3 56.8 85.2



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: 0.488 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

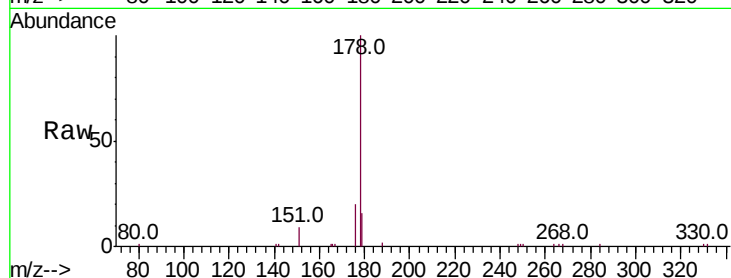
Tot Ion:178 Resp: 10288

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

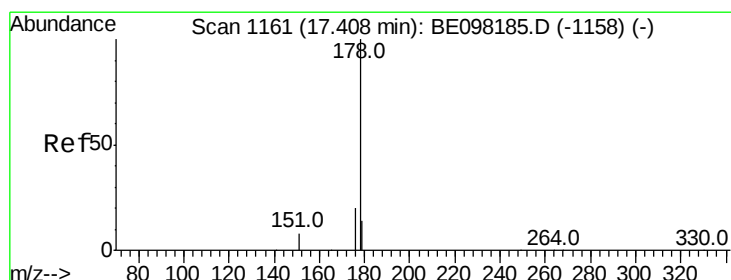
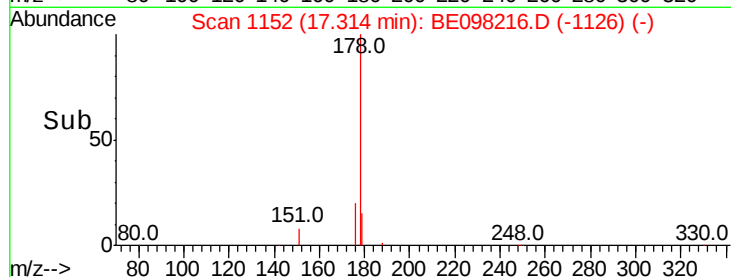
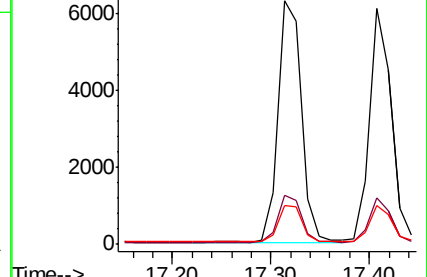
179 15.6 12.3 18.5



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: 0.471 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

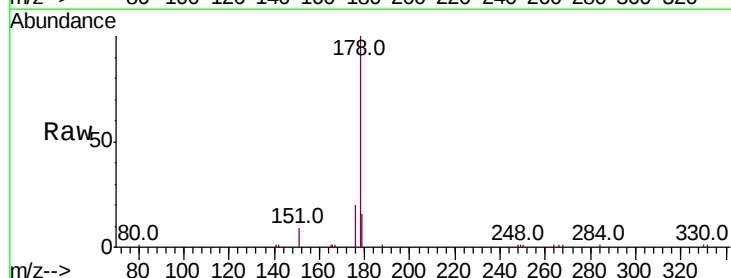
Tgt Ion:178 Resp: 9250

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

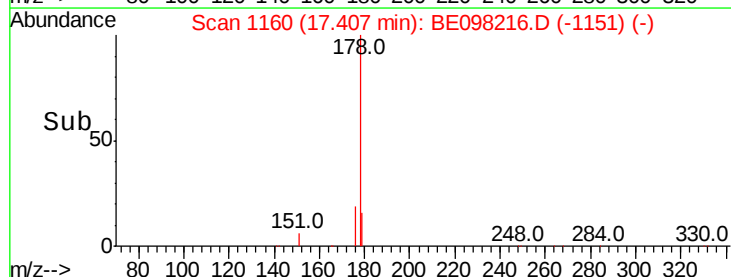
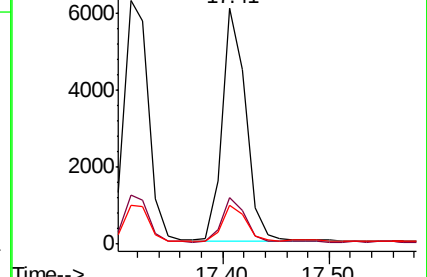
179 15.4 12.1 18.1

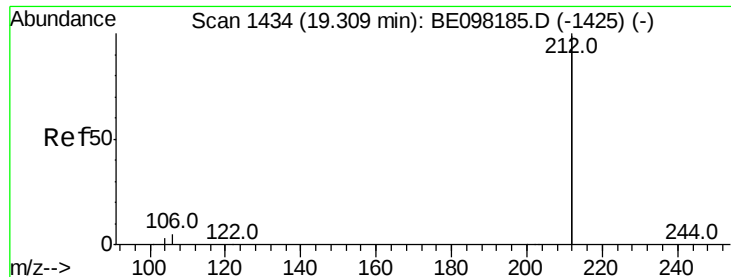


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.437 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

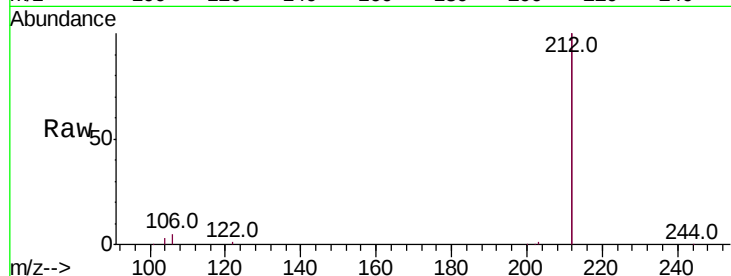
Tot Ion:212 Resp: 46104

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

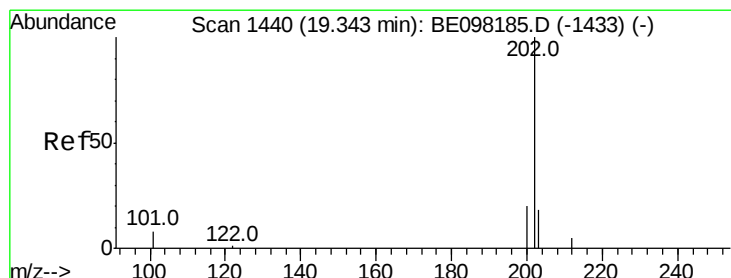
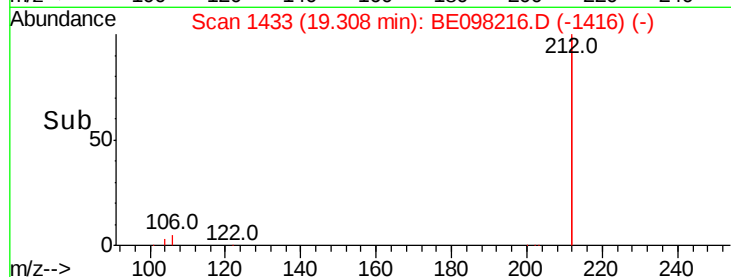
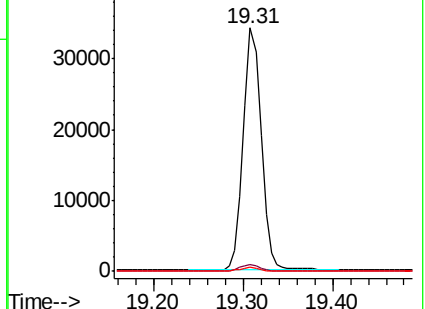
104 1.5 1.1 1.7



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: 0.513 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

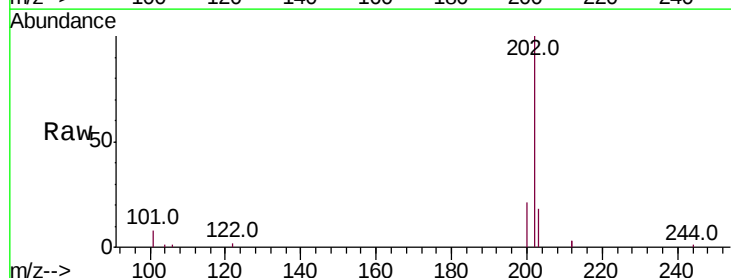
Tgt Ion:202 Resp: 13393

Ion Ratio Lower Upper

202 100

101 9.5 7.0 10.6

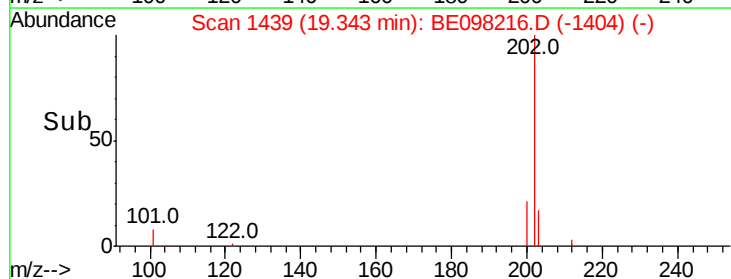
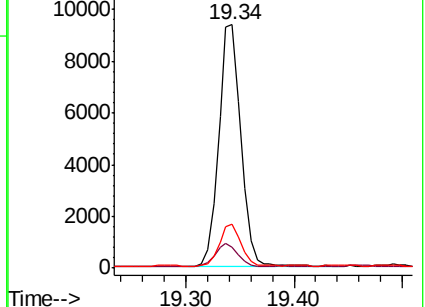
203 16.9 13.7 20.5

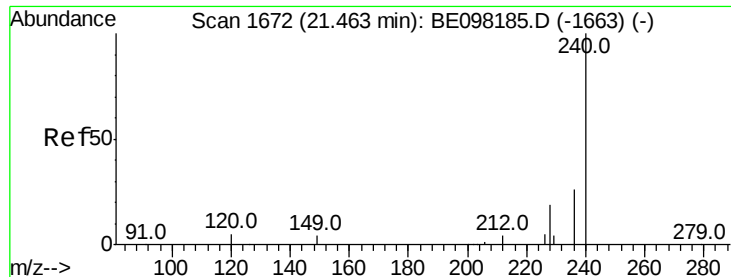


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

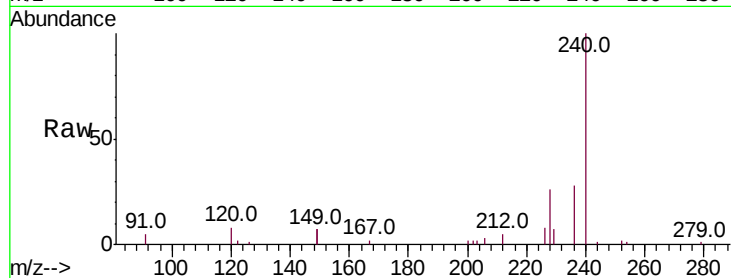
Tot Ion:240 Resp: 9803

Ion Ratio Lower Upper

240 100

120 7.6 4.8 7.2#

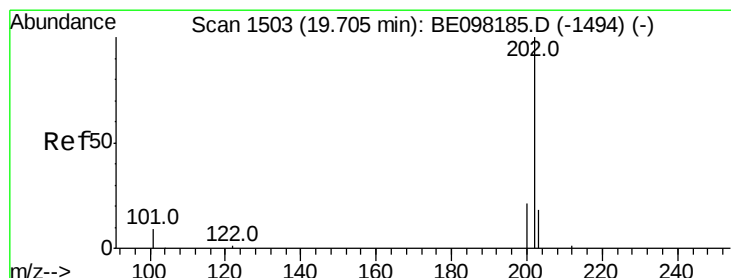
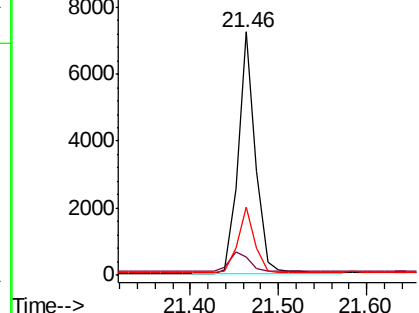
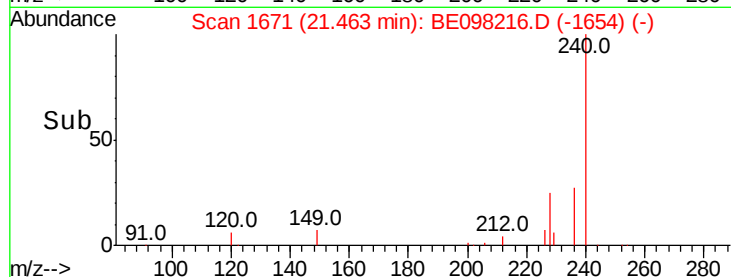
236 28.2 21.4 32.0



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: 0.509 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

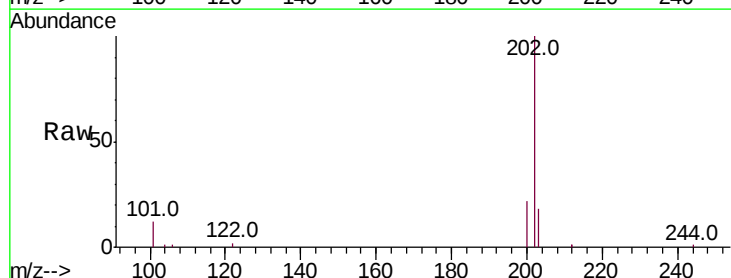
Tgt Ion:202 Resp: 13737

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

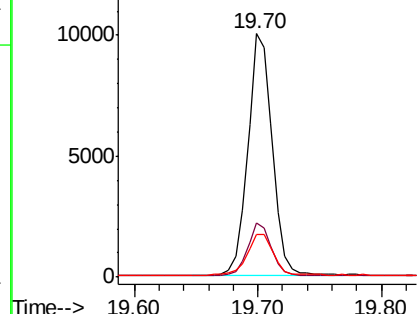
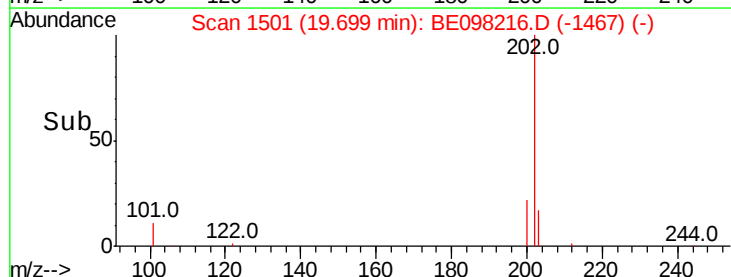
203 18.6 14.2 21.4

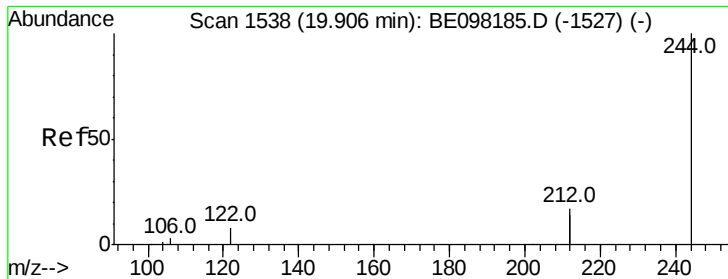


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

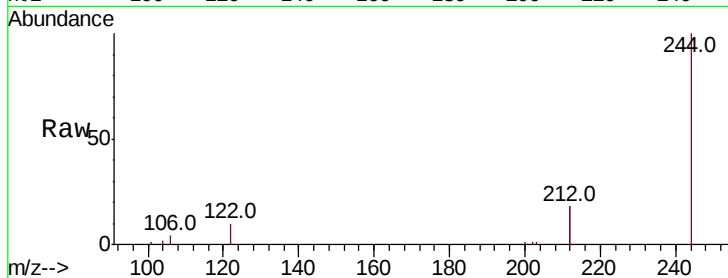
Tot Ion:244 Resp: 8676

Ion Ratio Lower Upper

244 100

212 35.9 26.8 40.2

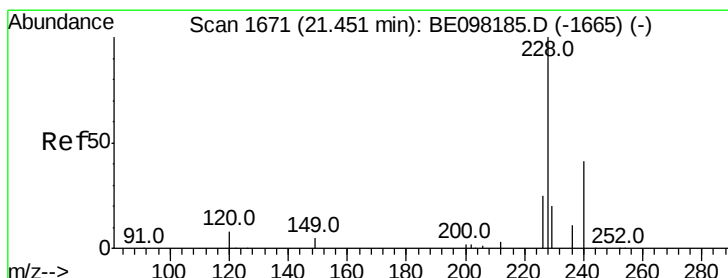
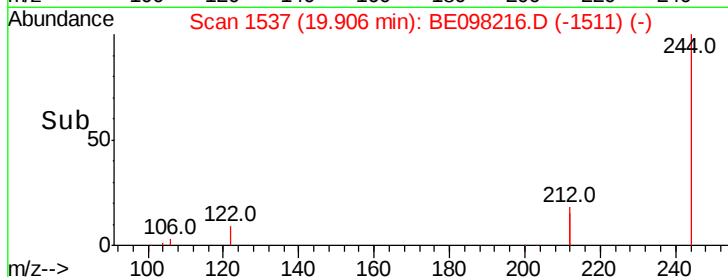
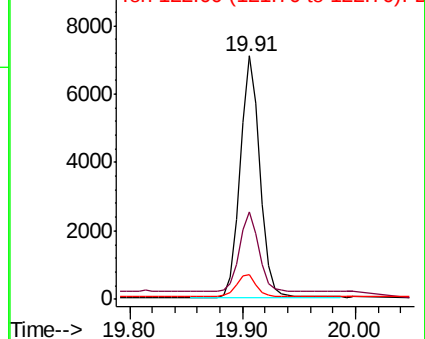
122 10.2 7.0 10.6



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: 0.513 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

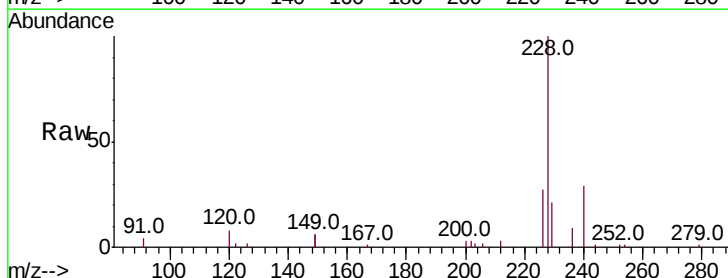
Tgt Ion:228 Resp: 14300

Ion Ratio Lower Upper

228 100

226 26.9 20.7 31.1

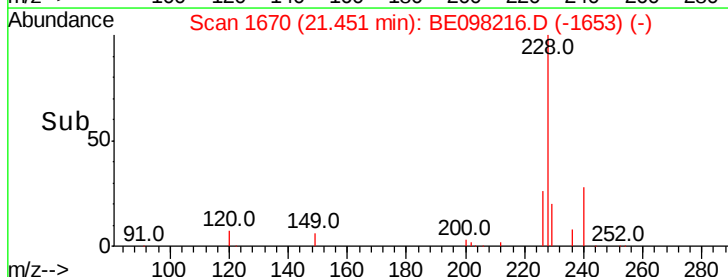
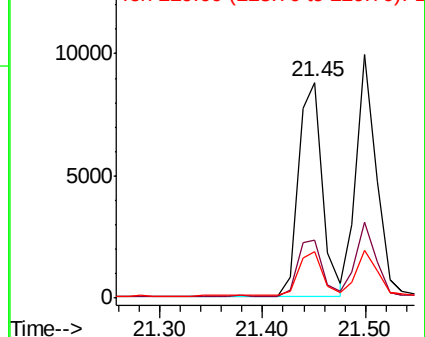
229 21.3 16.2 24.4

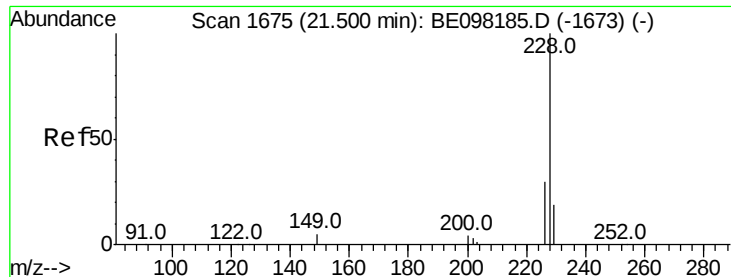


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.466 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

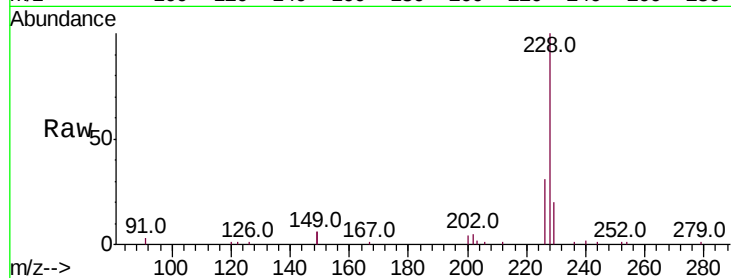
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 13190

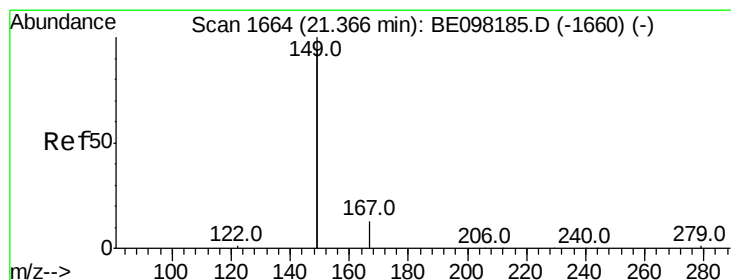
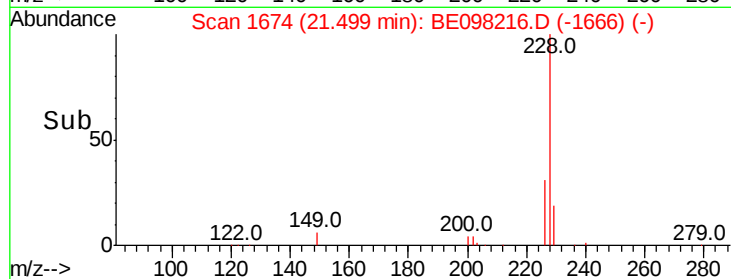
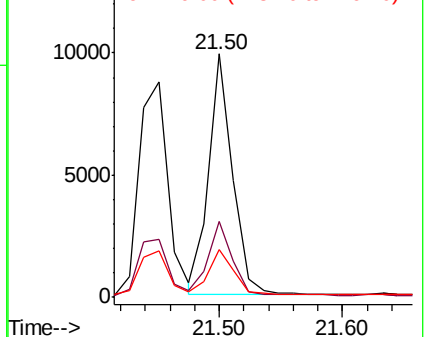
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	36.8
229	19.7	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.694 ng

RT: 21.37 min Scan# 1663

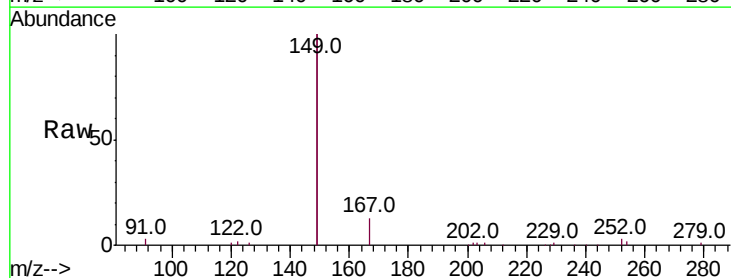
Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Tgt Ion:149 Resp: 40167

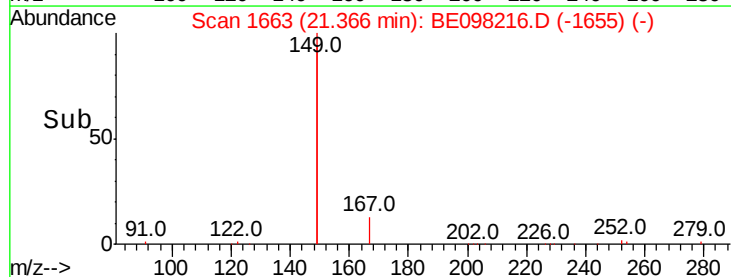
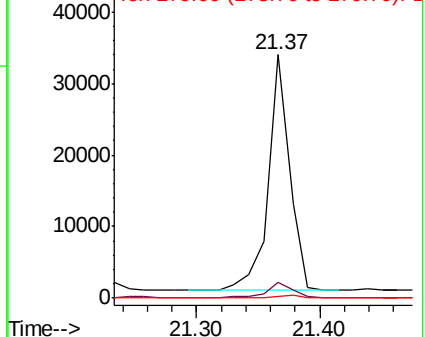
Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.6	8.4
279	1.0	0.9	1.3

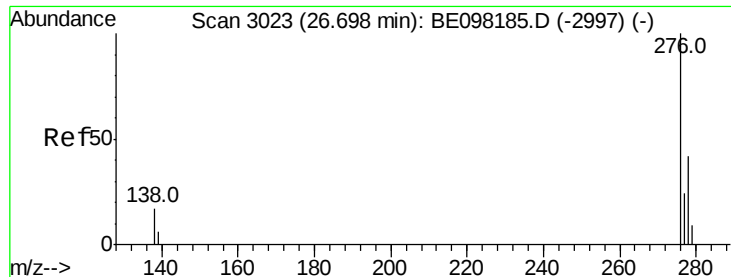


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

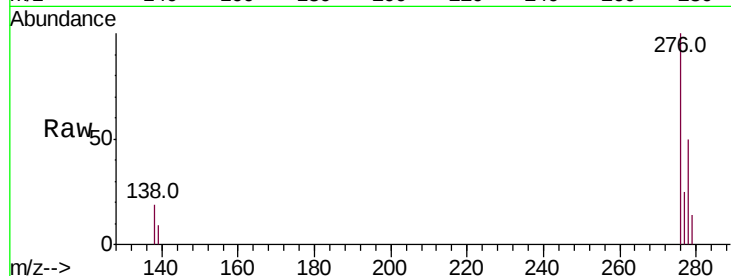




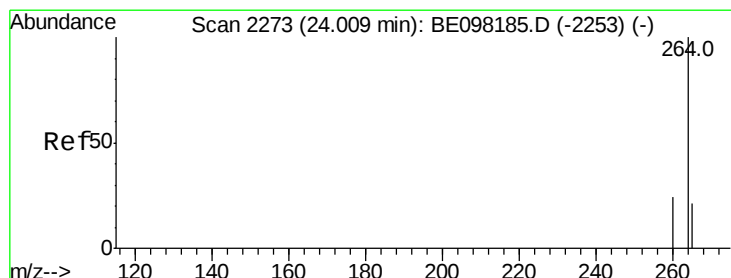
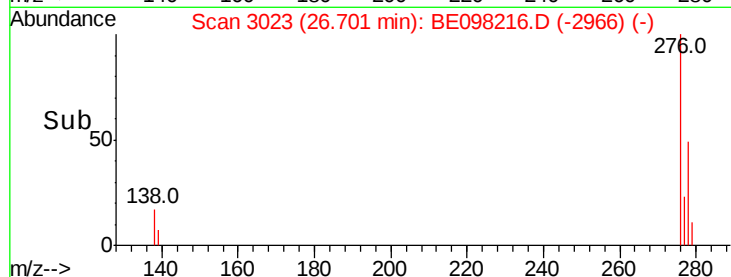
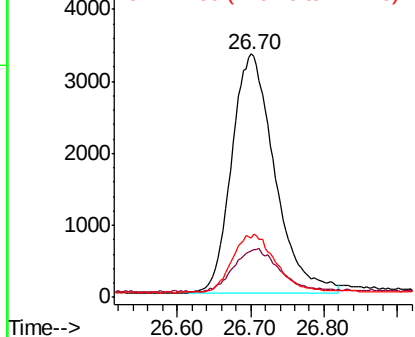
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.517 ng
RT: 26.70 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BE098216.D
Acq: 13 Nov 2018 19:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 13400
Ion Ratio Lower Upper
276 100
138 19.5 6.4 9.6#
277 24.5 18.9 28.3

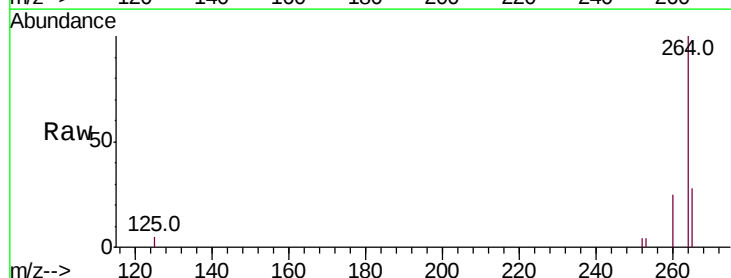


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

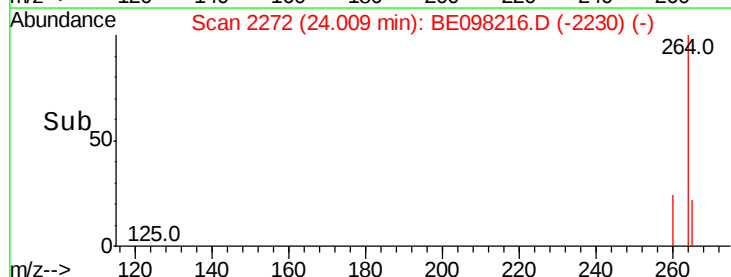
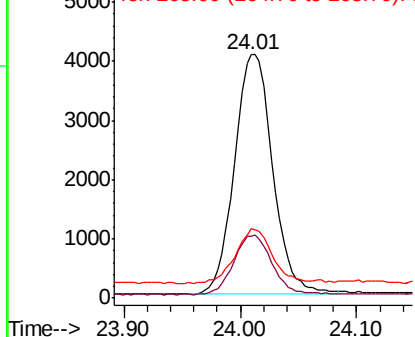


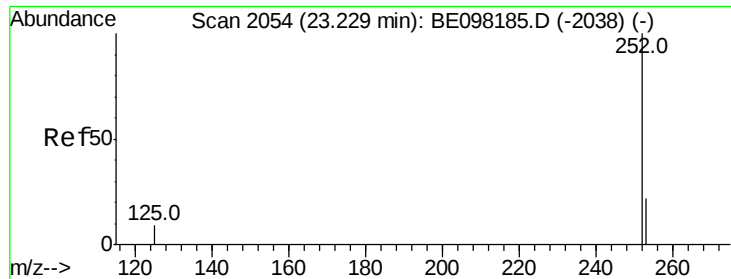
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098216.D
Acq: 13 Nov 2018 19:42

Tgt Ion:264 Resp: 9298
Ion Ratio Lower Upper
264 100
260 25.3 19.9 29.9
265 28.4 21.3 31.9



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: 0.508 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

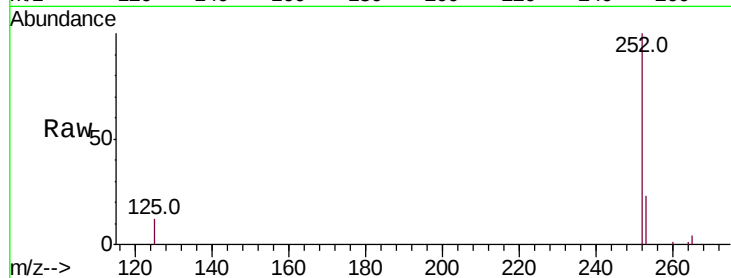
Tot Ion:252 Resp: 13391

Ion Ratio Lower Upper

252 100

253 22.8 19.4 29.0

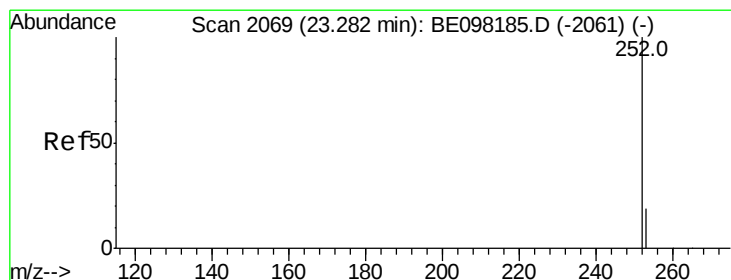
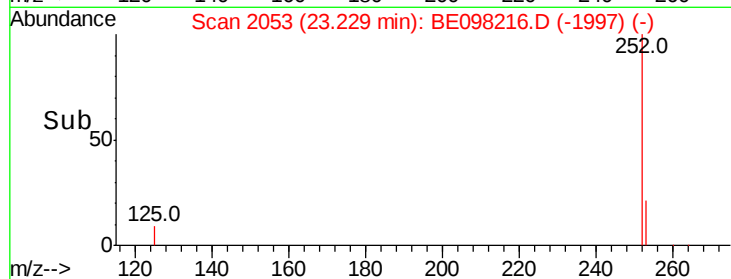
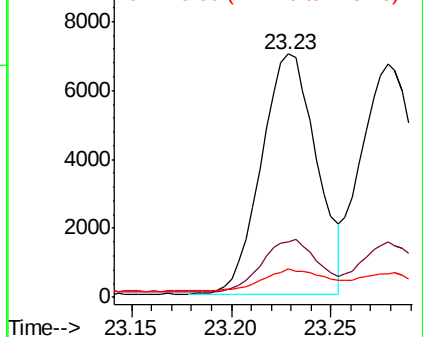
125 11.6 8.6 12.8



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: 0.477 ng

RT: 23.28 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

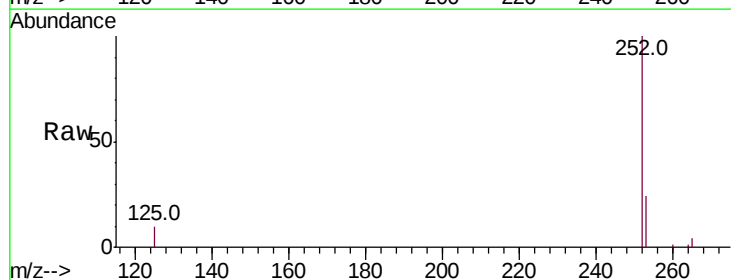
Tgt Ion:252 Resp: 13277

Ion Ratio Lower Upper

252 100

253 23.7 18.6 28.0

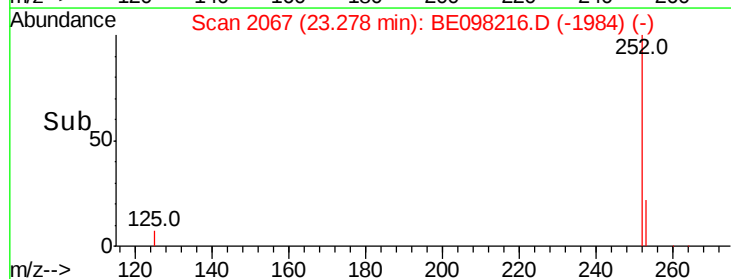
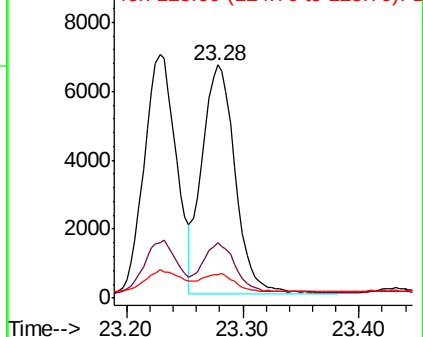
125 10.2 7.4 11.0

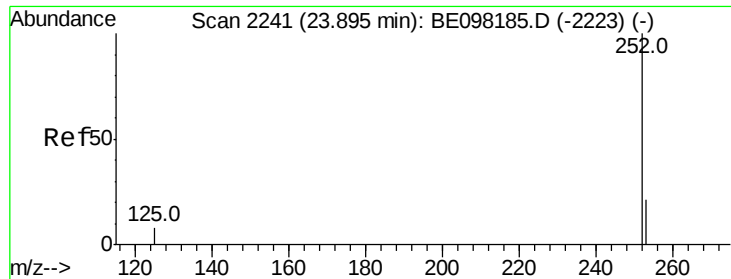


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.499 ng

RT: 23.90 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :

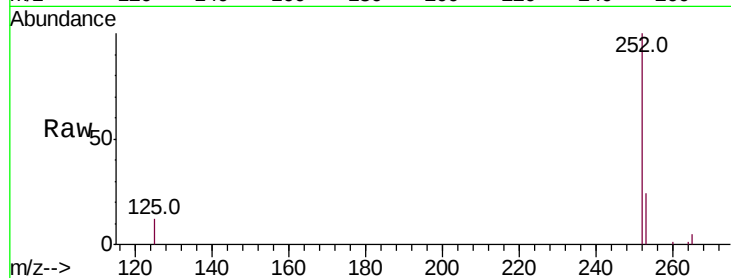
Tot Ion:252 Resp: 12625

Ion Ratio Lower Upper

252 100

253 24.2 18.6 27.8

125 12.0 8.0 12.0

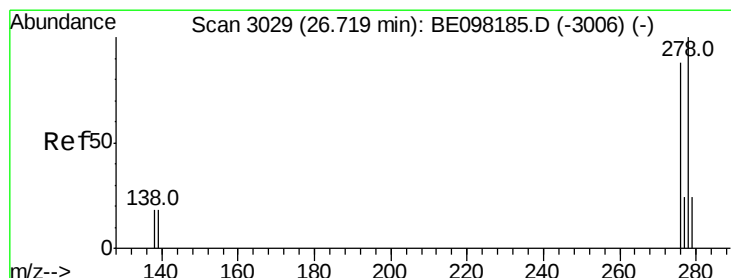
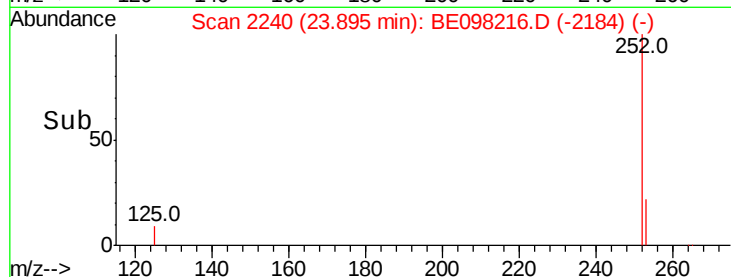
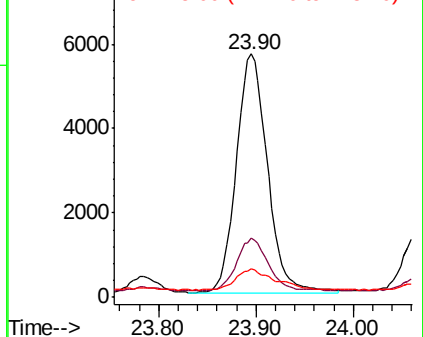


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.494 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.01 min

Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

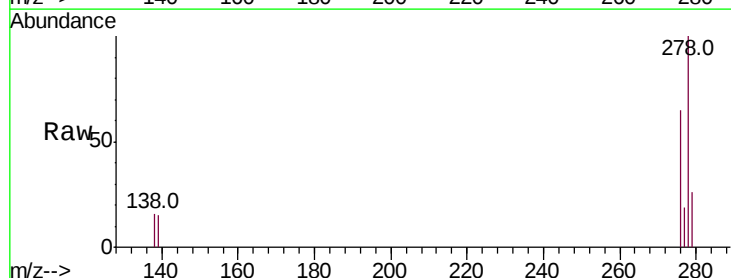
Tgt Ion:278 Resp: 10635

Ion Ratio Lower Upper

278 100

139 14.8 16.4 24.6#

279 26.0 21.3 31.9

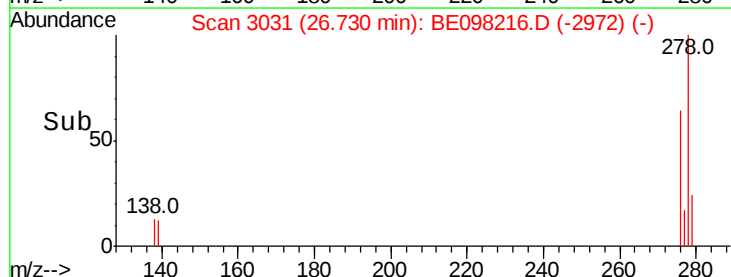
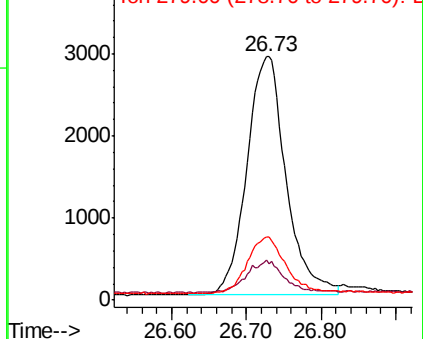


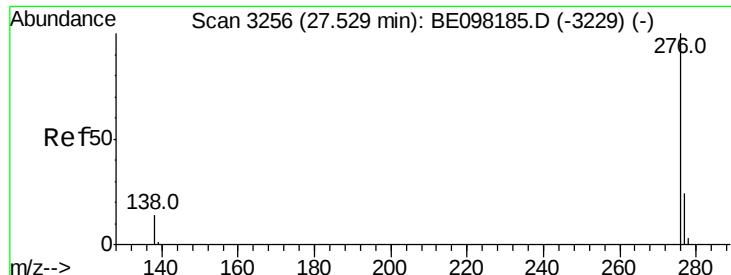
Abundance

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: 0.505 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.00 min

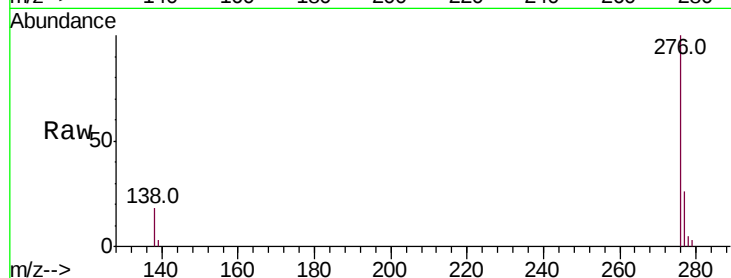
Lab File: BE098216.D

Acq: 13 Nov 2018 19:42

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 11350

Ion Ratio Lower Upper

276 100

277 26.0 20.4 30.6

138 18.4 13.2 19.8

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

