

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
 Data File : BE098210.D
 Acq On : 13 Nov 2018 15:43
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

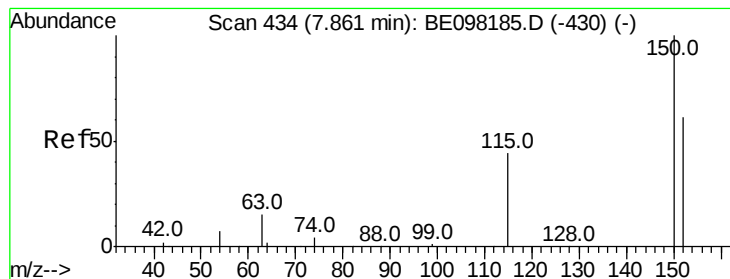
Quant Time: Nov 13 17:29:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1418	0.40	ng	0.02
7) Naphthalene-d8	10.68	136	7011	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	4641	0.40	ng	0.01
19) Phenanthrene-d10	17.28	188	10916	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12808	0.40	ng	0.00
34) Perylene-d12	24.02	264	12016	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1652	0.41	ng	0.00
5) Phenol-d6	7.05	99	2763	0.43	ng	0.00
8) Nitrobenzene-d5	9.03	82	2786	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.28	152	4801	0.39	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	758	0.37	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	7089	0.36	ng	0.01
25) Fluoranthene-d10	19.32	212	52420	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	10857	0.37	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	858	0.402	ng	95
3) n-Nitrosodimethylamine	3.70	42	1139	0.409	ng	# 92
6) bis(2-Chloroethyl)ether	7.30	93	2030	0.391	ng	99
9) Naphthalene	10.73	128	27738	0.389	ng	100
10) Hexachlorobutadiene	11.02	225	1637	0.369	ng	97
12) 2-Methylnaphthalene	12.35	142	4812	0.389	ng	93
16) Acenaphthylene	14.25	152	8250	0.388	ng	99
17) Acenaphthene	14.60	154	4991	0.384	ng	99
18) Fluorene	15.58	166	6532	0.393	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	2555	0.384	ng	# 84
21) Hexachlorobenzene	16.59	284	2601	0.376	ng	99
22) Pentachlorophenol	16.94	266	761	0.573	ng	95
23) Phenanthrene	17.33	178	10498	0.386	ng	99
24) Anthracene	17.42	178	9992	0.394	ng	99
26) Fluoranthene	19.34	202	12822	0.381	ng	99
28) Pyrene	19.71	202	13541	0.384	ng	99
30) Benzo(a)anthracene	21.45	228	13948	0.383	ng	98
31) Chrysene	21.51	228	14180	0.384	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	32329	0.428	ng	99
33) Indeno(1,2,3-cd)pyrene	26.72	276	13485	0.398	ng	# 87
35) Benzo(b)fluoranthene	23.23	252	12878	0.378	ng	98
36) Benzo(k)fluoranthene	23.28	252	13781	0.383	ng	99
37) Benzo(a)pyrene	23.90	252	12543	0.384	ng	97
38) Dibenzo(a,h)anthracene	26.74	278	11388	0.409	ng	99
39) Benzo(g,h,i)perylene	27.54	276	10991	0.378	ng	98

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

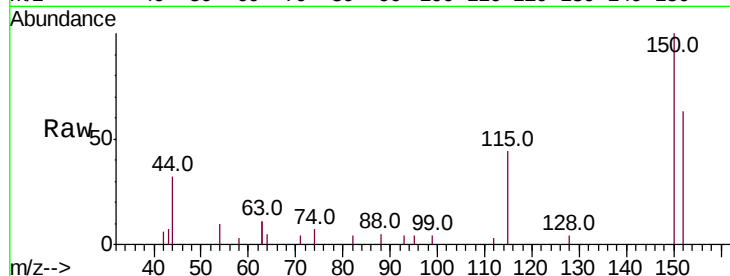


#1

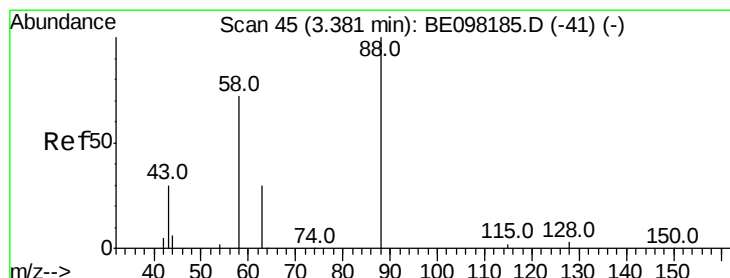
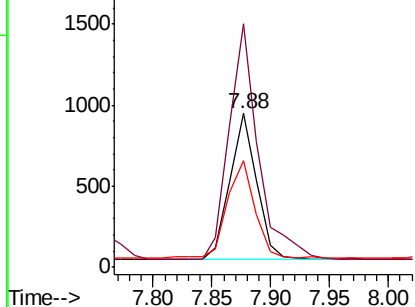
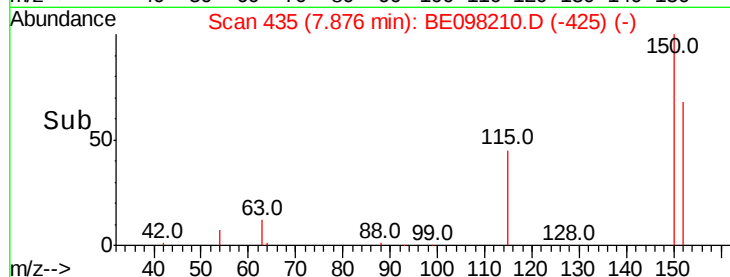
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.02 min
Lab File: BE098210.D
Acq: 13 Nov 2018 15:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1418
Ion Ratio Lower Upper
152 100
150 158.3 127.5 191.3
115 69.1 60.3 90.5



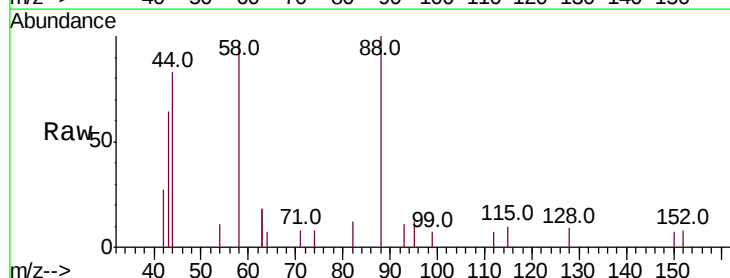
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



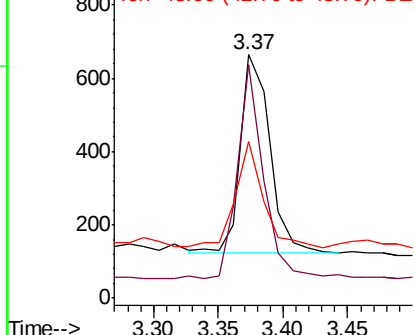
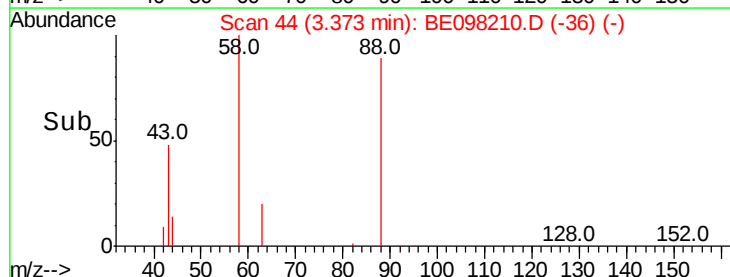
#2

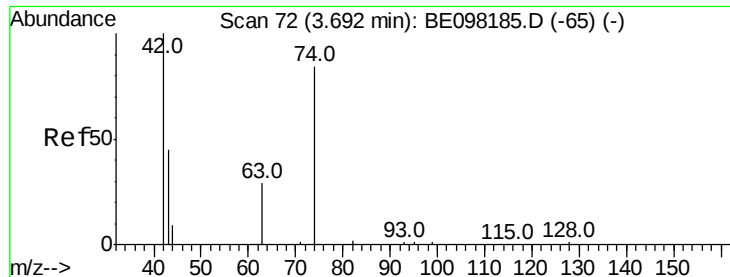
1,4-Dioxane
Concen: 0.402 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE098210.D
Acq: 13 Nov 2018 15:43

Tgt Ion: 88 Resp: 858
Ion Ratio Lower Upper
88 100
58 92.9 79.0 118.4
43 50.7 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



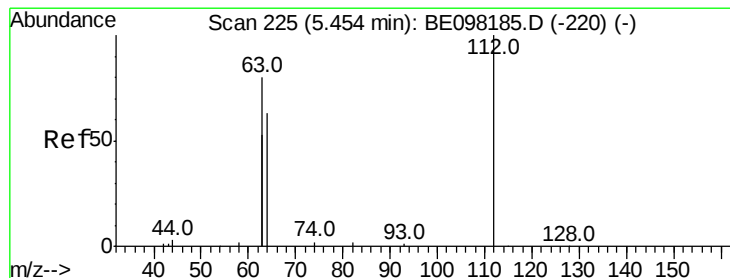
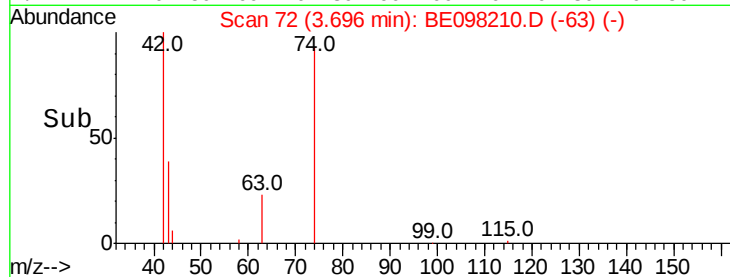
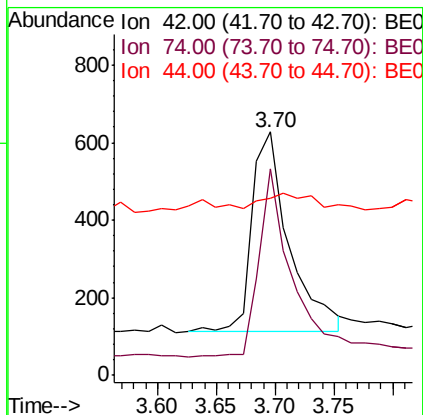
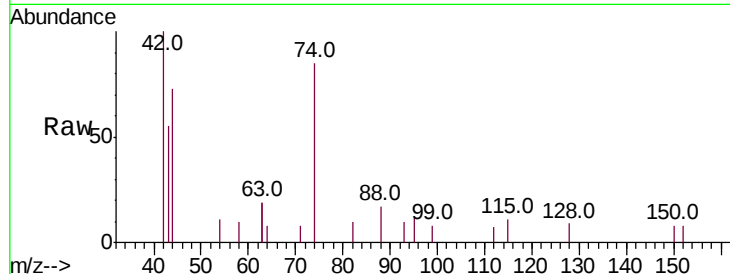


#3

n-Nitrosodimethylamine
 Concen: 0.409 ng
 RT: 3.70 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098210.D
 Acq: 13 Nov 2018 15:43

Instrument :
 BNA_E
 ClientSampleId :

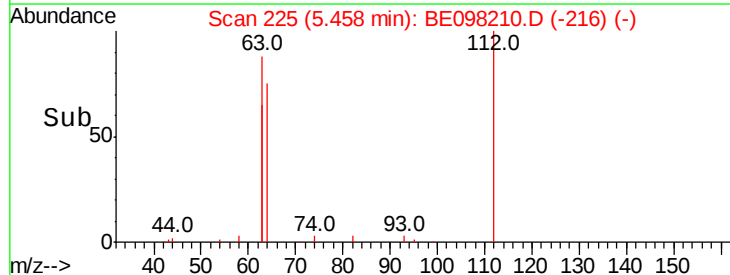
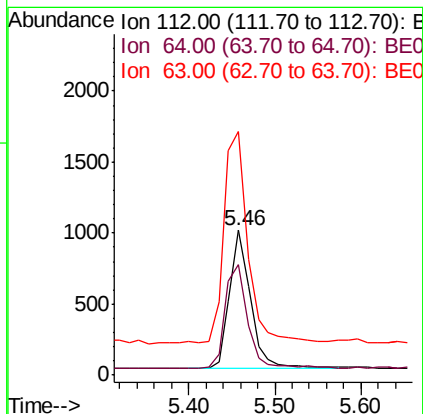
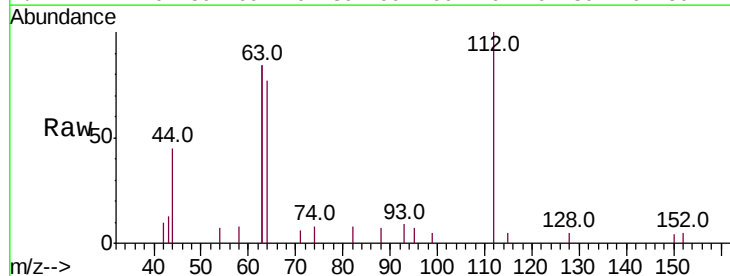
Tot Ion: 42 Resp: 1139
 Ion Ratio Lower Upper
 42 100
 74 82.0 61.7 92.5
 44 9.0 14.0 21.0#

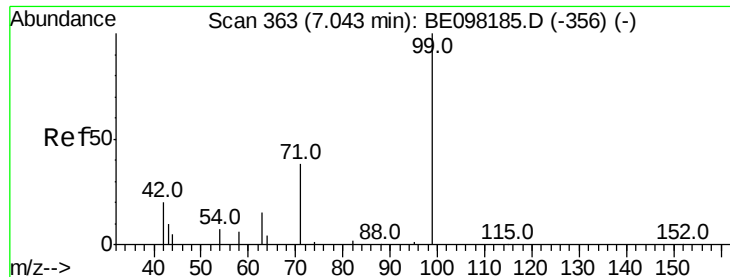


#4

2-Fluorophenol
 Concen: 0.413 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098210.D
 Acq: 13 Nov 2018 15:43

Tgt Ion: 112 Resp: 1652
 Ion Ratio Lower Upper
 112 100
 64 81.7 61.7 92.5
 63 173.7 136.2 204.2





#5

Phenol-d6

Concen: 0.430 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Instrument :

BNA_E

ClientSampleId :

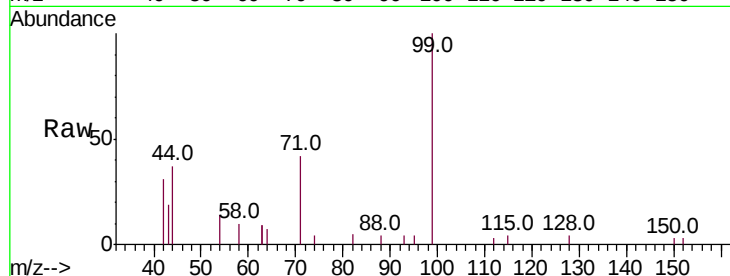
Tot Ion: 99 Resp: 2763

Ion Ratio Lower Upper

99 100

42 33.9 27.1 40.7

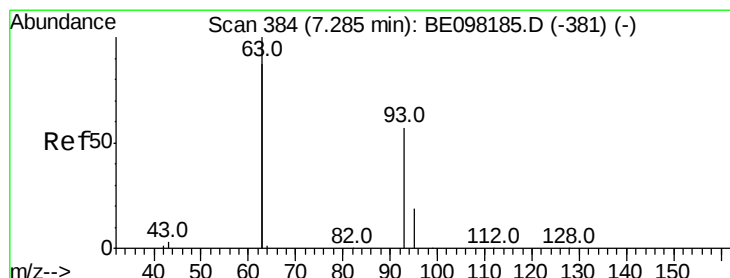
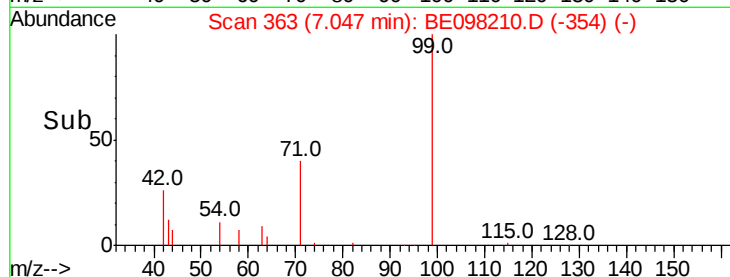
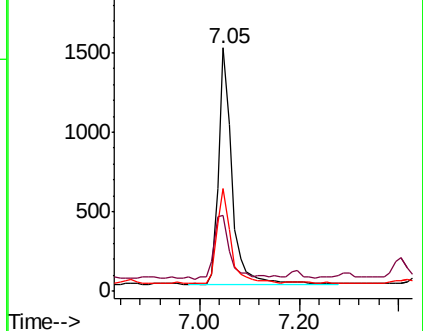
71 41.5 37.0 55.6



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: 0.391 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.02 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

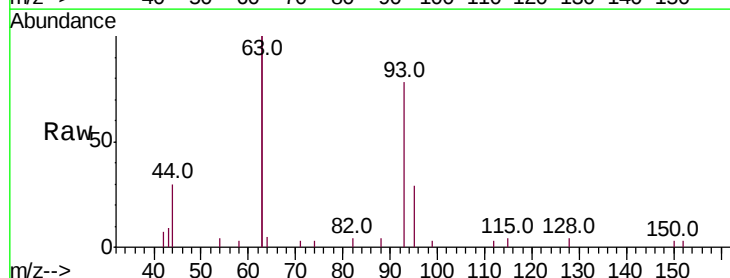
Tgt Ion: 93 Resp: 2030

Ion Ratio Lower Upper

93 100

63 338.4 272.6 409.0

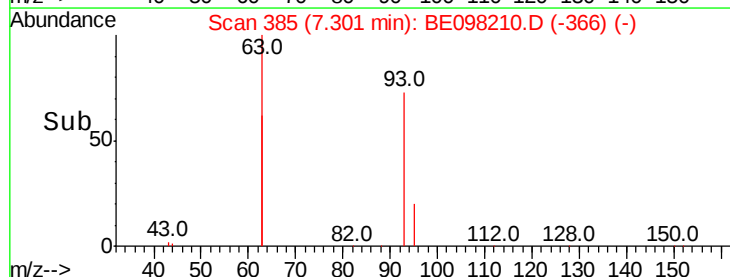
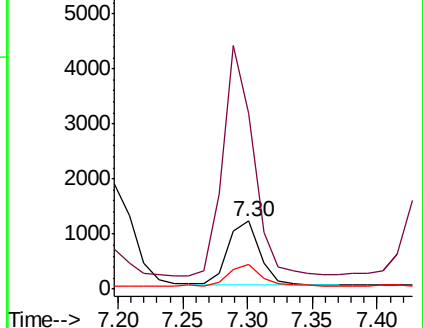
95 33.4 27.1 40.7

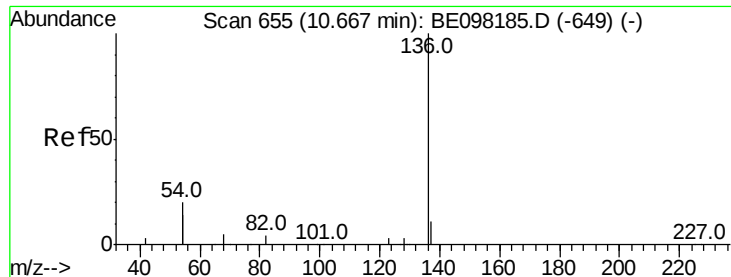


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7011

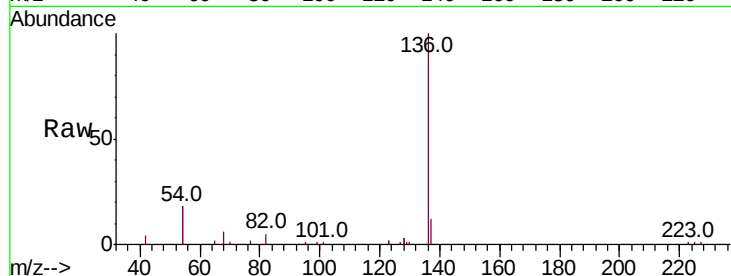
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 35.8 31.3 46.9

68 5.9 4.8 7.2

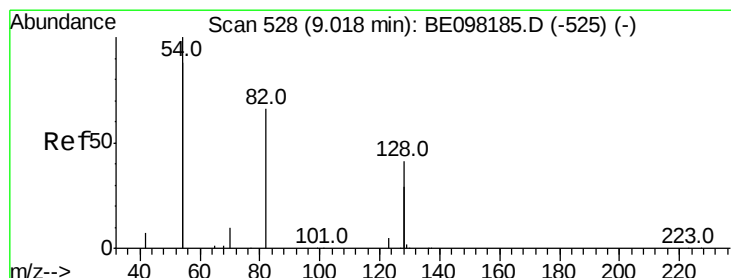
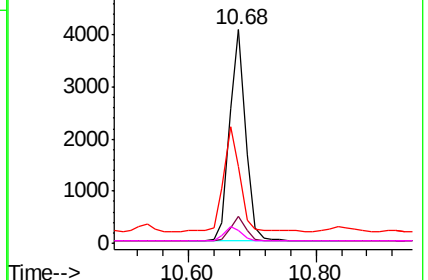
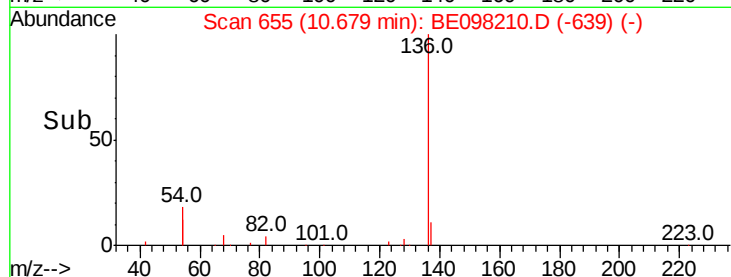


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

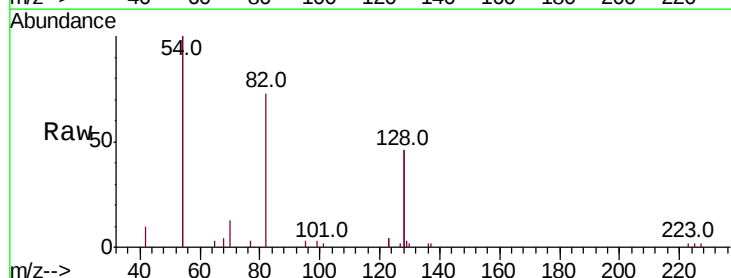
Tgt Ion: 82 Resp: 2786

Ion Ratio Lower Upper

82 100

128 125.9 96.1 144.1

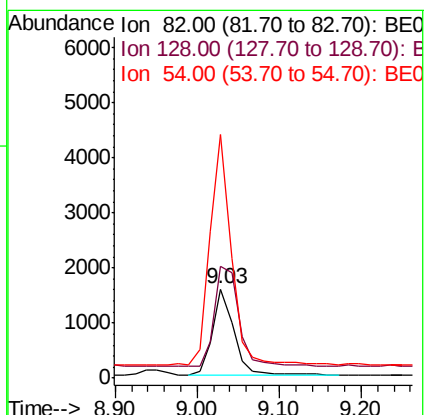
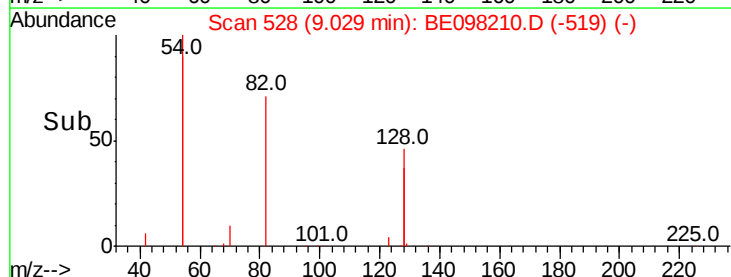
54 273.1 232.0 348.0

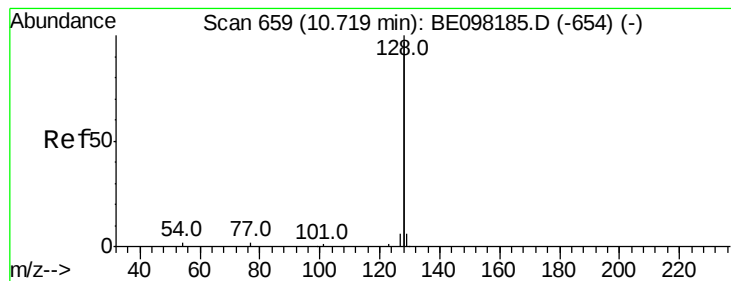


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.389 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Instrument :

BNA_E

ClientSampleId :

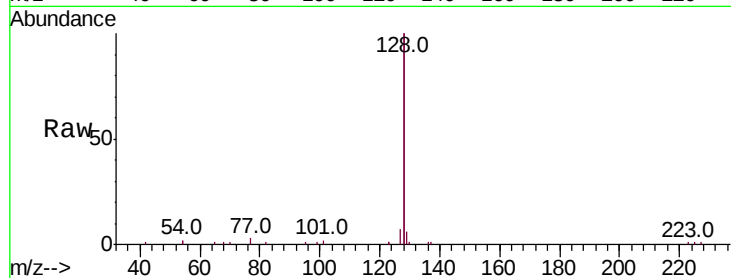
Tot Ion:128 Resp: 27738

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

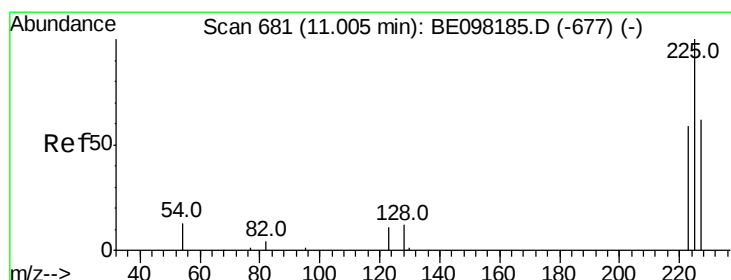
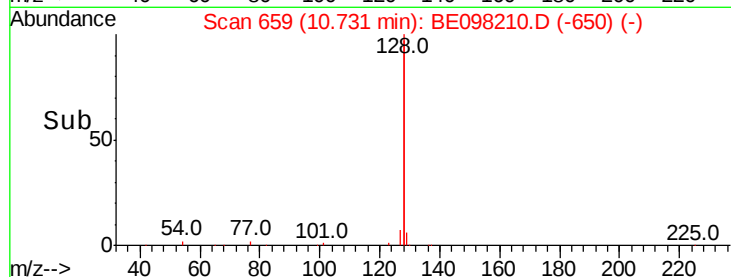
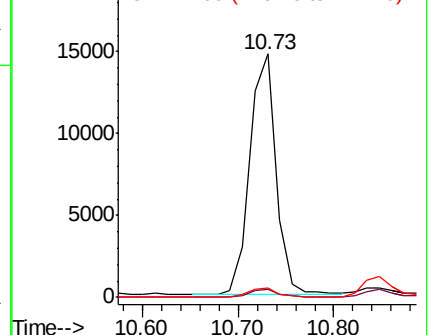
127 3.6 2.8 4.2



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: 0.369 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

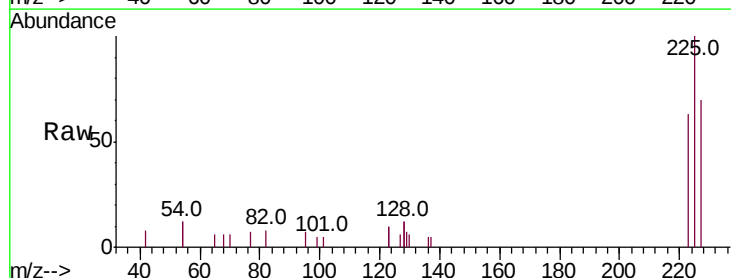
Tgt Ion:225 Resp: 1637

Ion Ratio Lower Upper

225 100

223 64.6 50.5 75.7

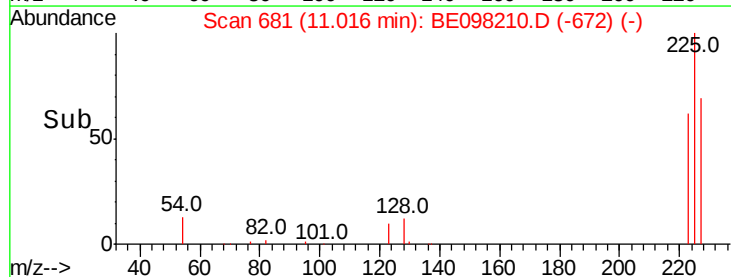
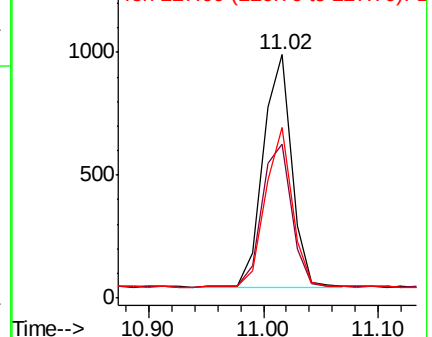
227 65.4 50.3 75.5

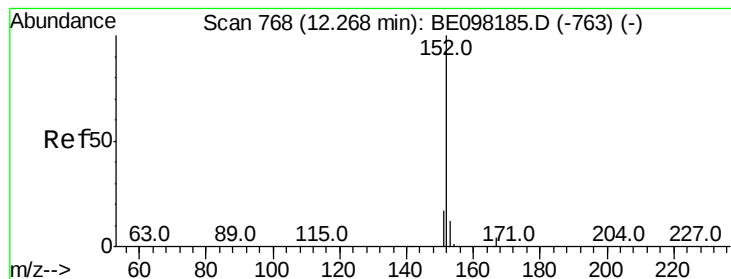


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Instrument :

BNA_E

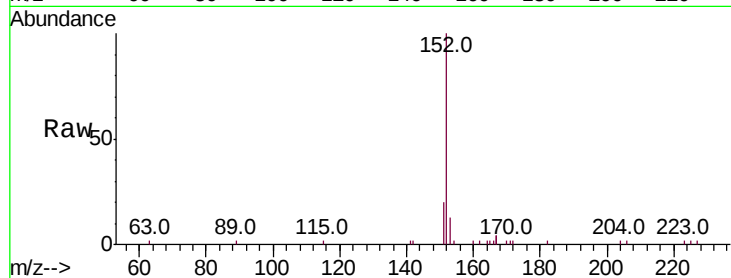
ClientSampleId :

Tot Ion:152 Resp: 4801

Ion Ratio Lower Upper

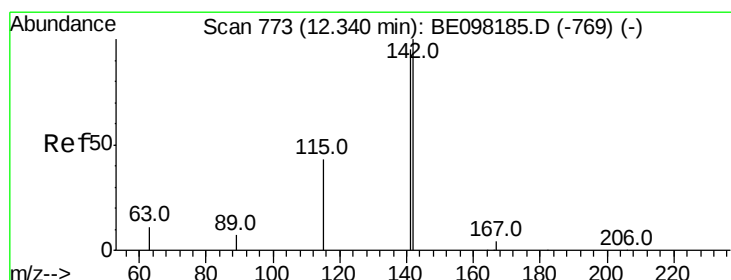
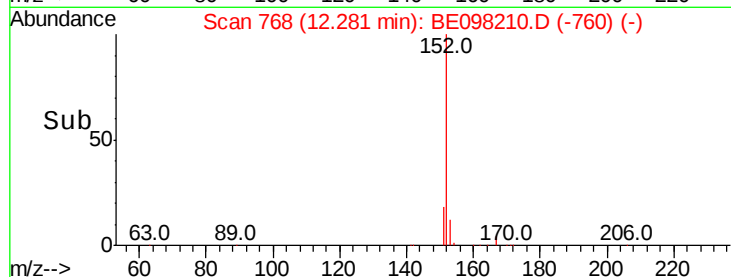
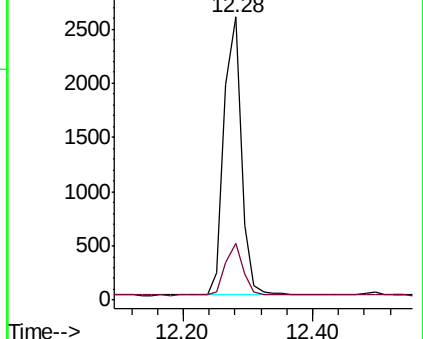
152 100

151 18.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

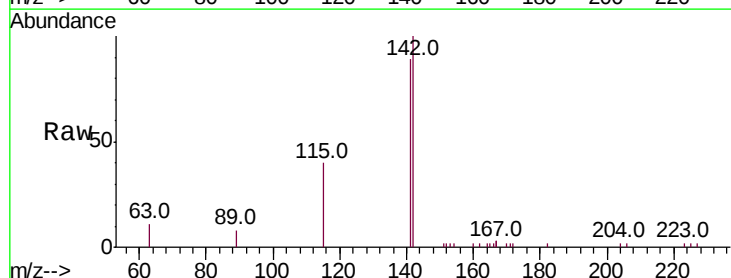
Tgt Ion:142 Resp: 4812

Ion Ratio Lower Upper

142 100

141 88.9 76.3 114.5

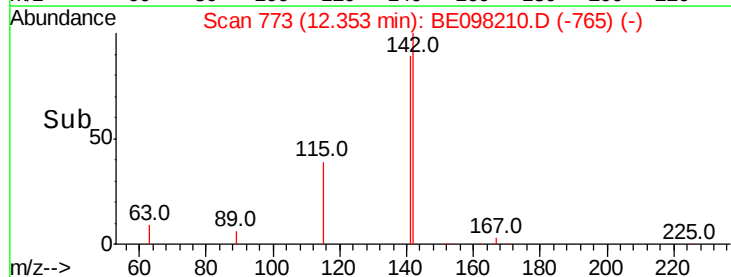
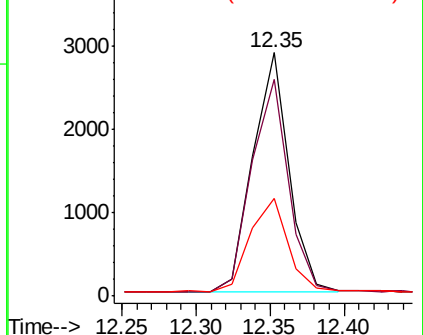
115 40.3 35.8 53.8

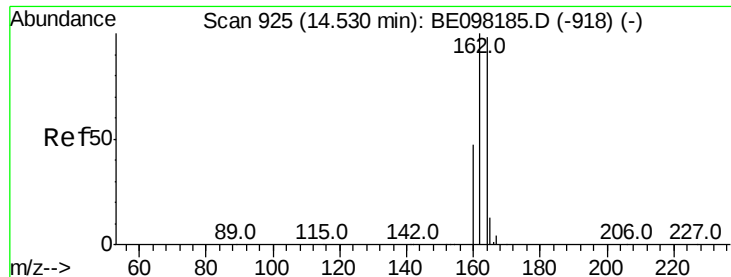


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

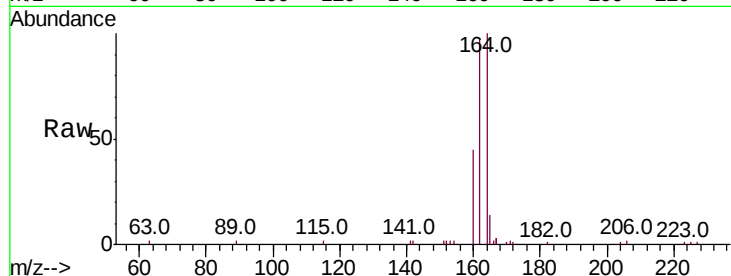




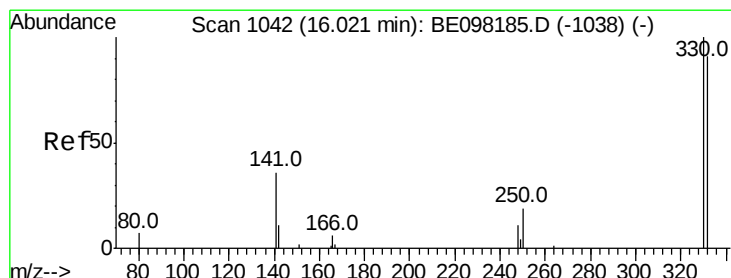
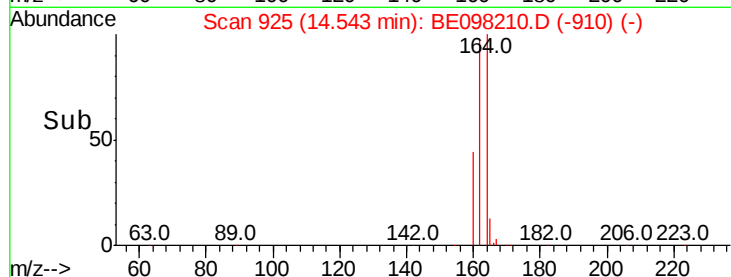
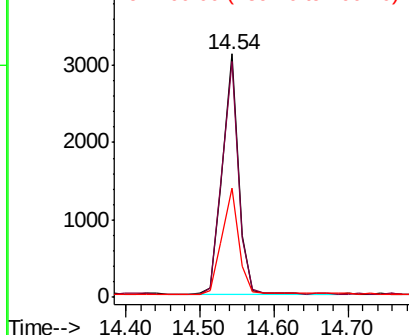
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE098210.D
Acq: 13 Nov 2018 15:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 4641
Ion Ratio Lower Upper
164 100
162 96.8 81.8 122.6
160 44.6 39.4 59.0

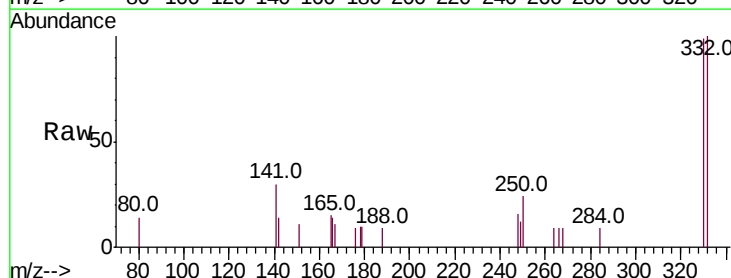


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

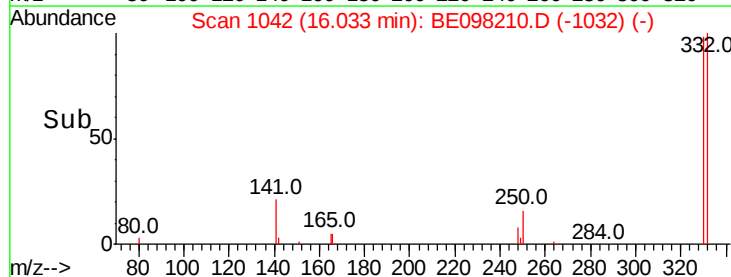
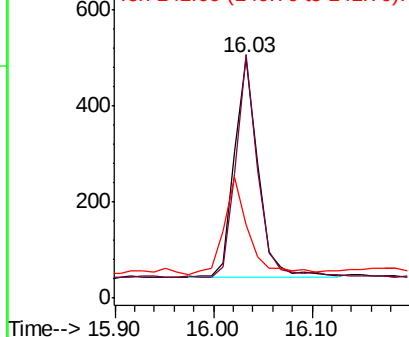


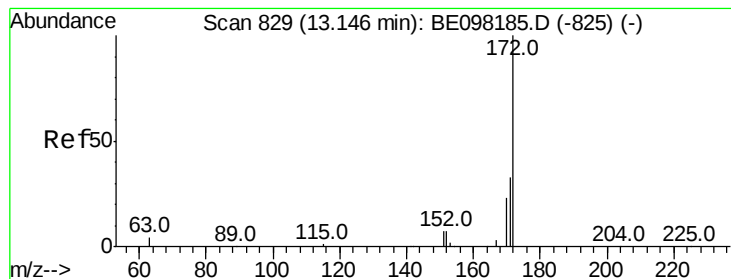
#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098210.D
Acq: 13 Nov 2018 15:43

Tgt Ion:330 Resp: 758
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 45.3 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

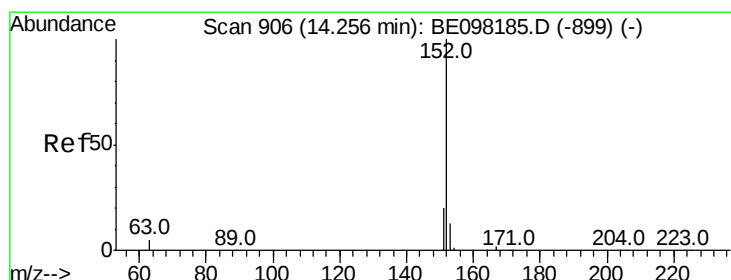
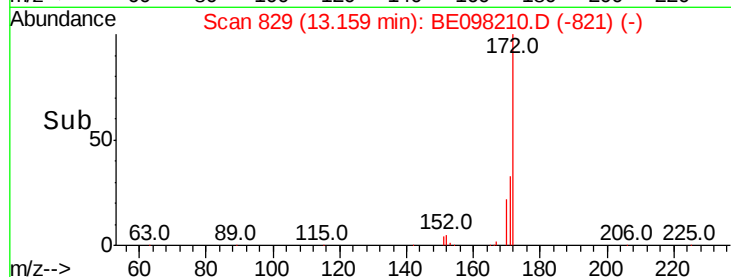
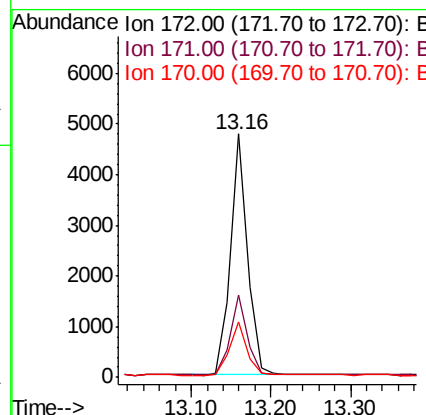
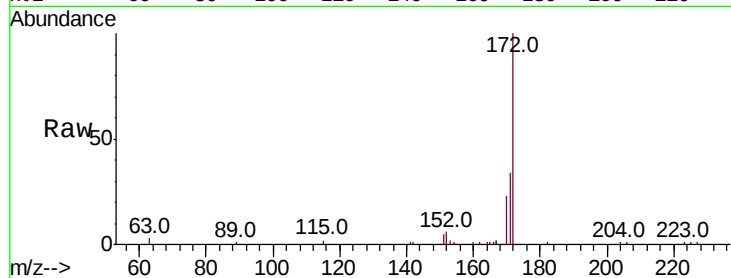




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098210.D
Acq: 13 Nov 2018 15:43

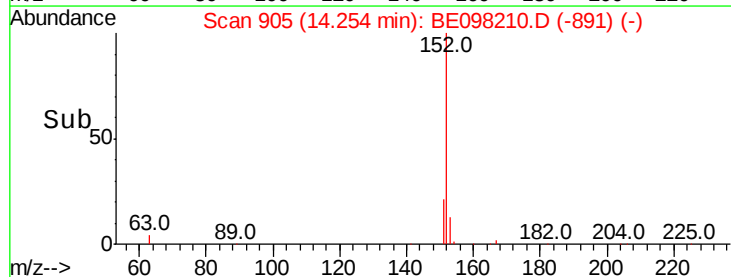
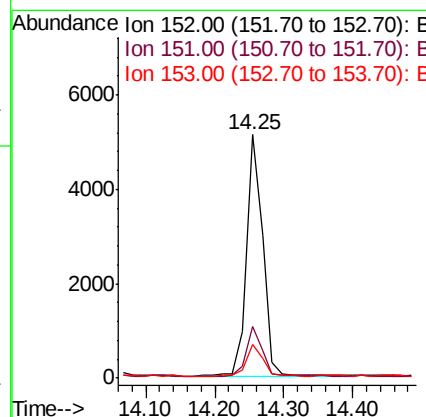
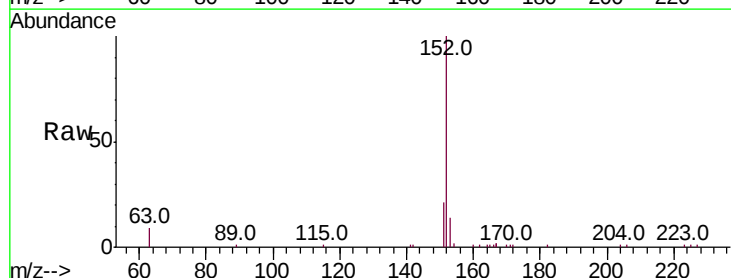
Instrument :
BNA_E
ClientSampleId :

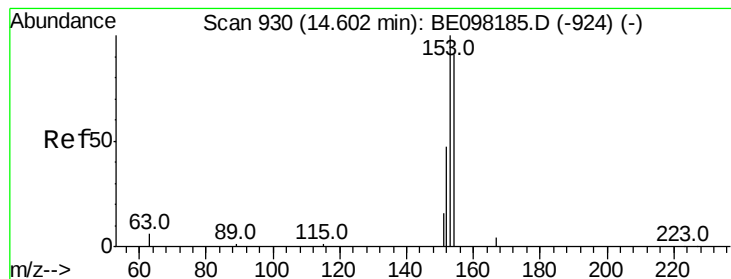
Tot Ion:172 Resp: 7089
Ion Ratio Lower Upper
172 100
171 34.0 27.3 40.9
170 22.9 19.4 29.0



#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098210.D
Acq: 13 Nov 2018 15:43

Tgt Ion:152 Resp: 8250
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 12.7 10.6 15.8





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Instrument :

BNA_E

ClientSampleId :

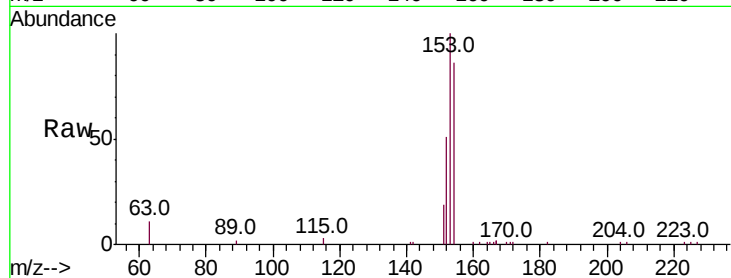
Tot Ion:154 Resp: 4991

Ion Ratio Lower Upper

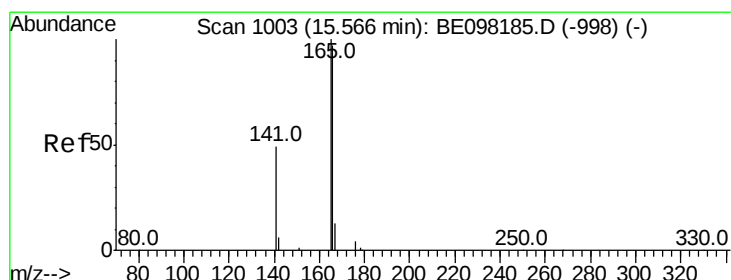
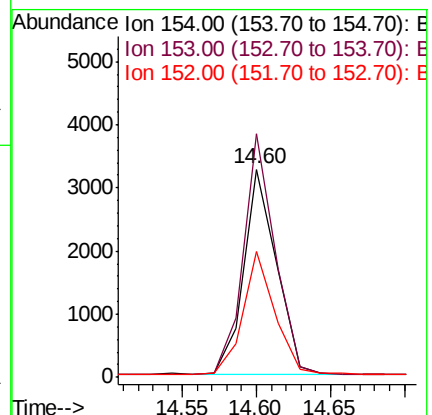
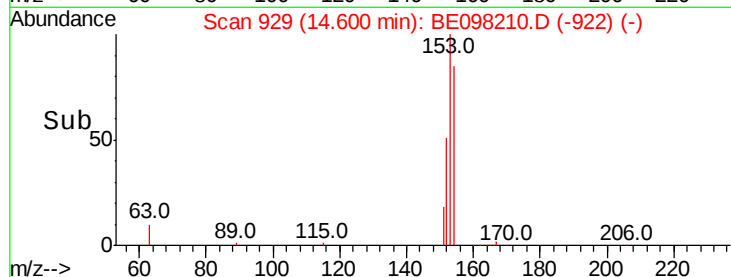
154 100

153 113.2 92.1 138.1

152 58.0 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: 0.393 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

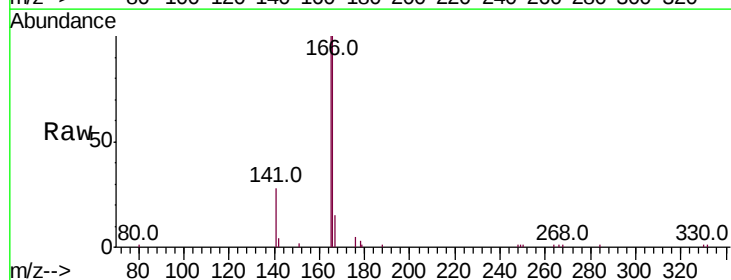
Tgt Ion:166 Resp: 6532

Ion Ratio Lower Upper

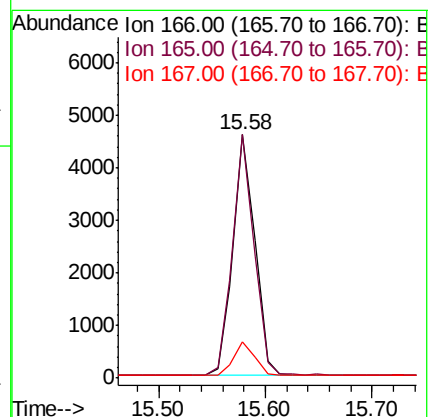
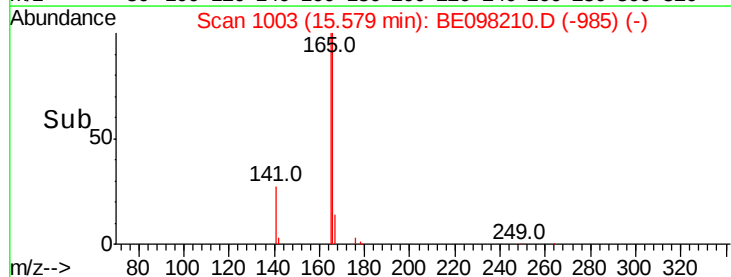
166 100

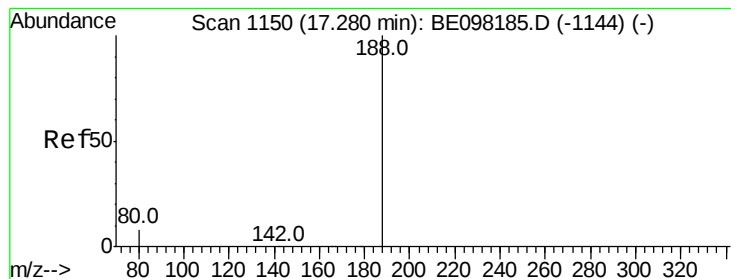
165 98.6 80.1 120.1

167 13.4 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: BE098210.D

Acq: 13 Nov 2018 15:43

Instrument :

BNA_E

ClientSampleId :

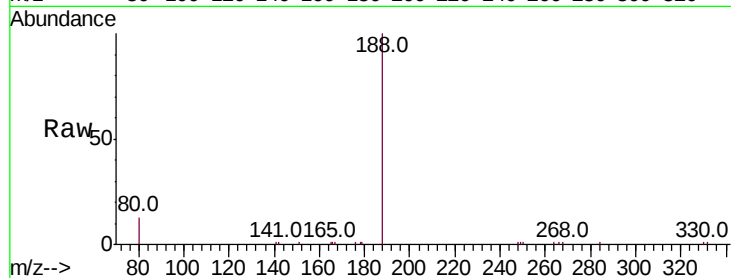
Tot Ion:188 Resp: 10916

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

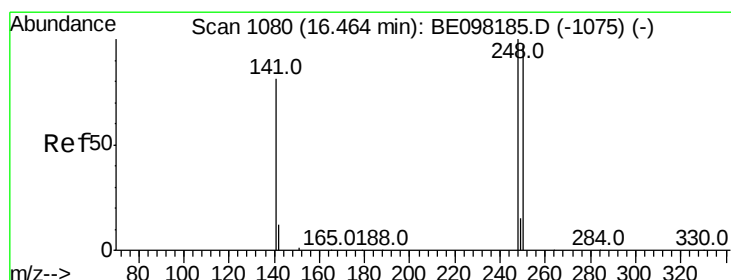
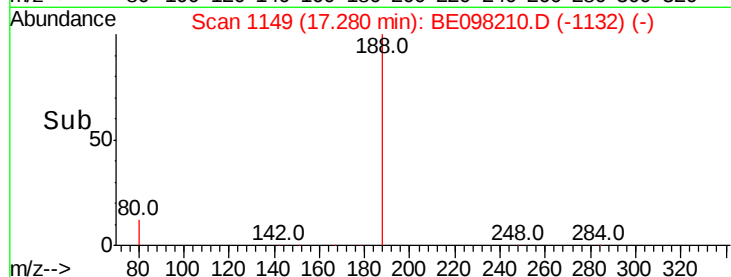
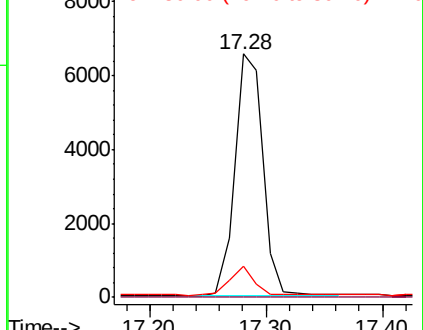
80 12.8 6.7 10.1#



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: 0.384 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

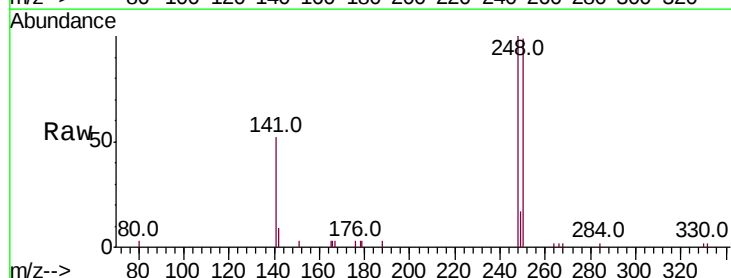
Tgt Ion:248 Resp: 2555

Ion Ratio Lower Upper

248 100

250 98.6 77.6 116.4

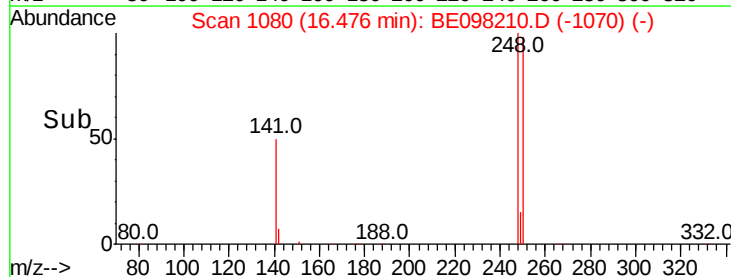
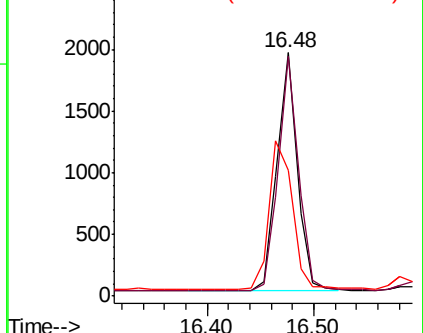
141 51.8 65.8 98.8#

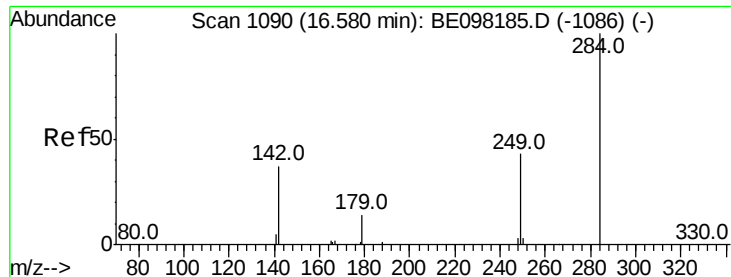


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

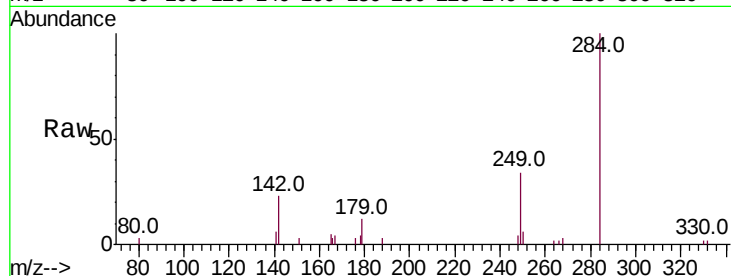
Instrument :

BNA_E

ClientSampled :

Tot Ion:284 Resp: 2601

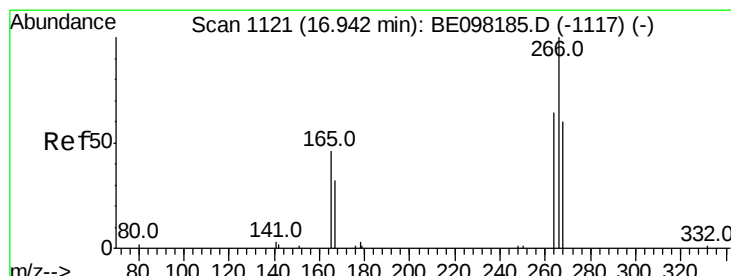
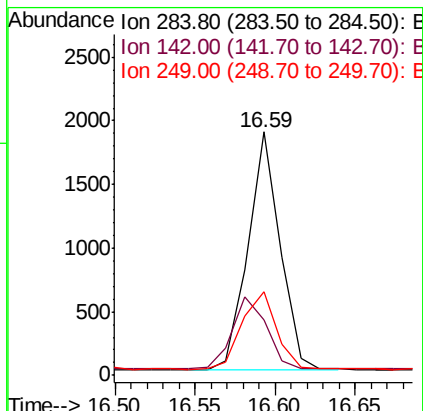
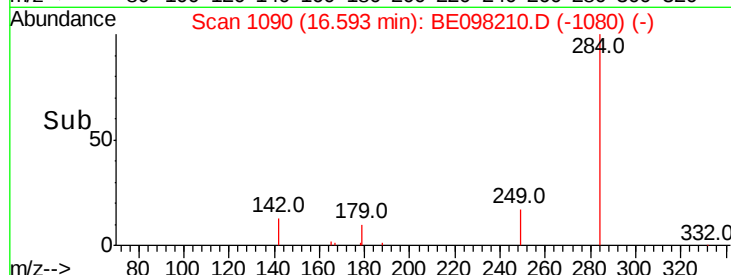
Ion	Ratio	Lower	Upper
284	100		
142	32.7	26.5	39.7
249	35.1	28.4	42.6



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: 0.573 ng

RT: 16.94 min Scan# 1120

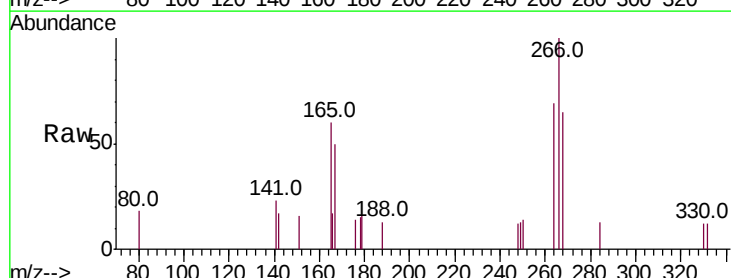
Delta R.T. 0.00 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Tgt Ion:266 Resp: 761

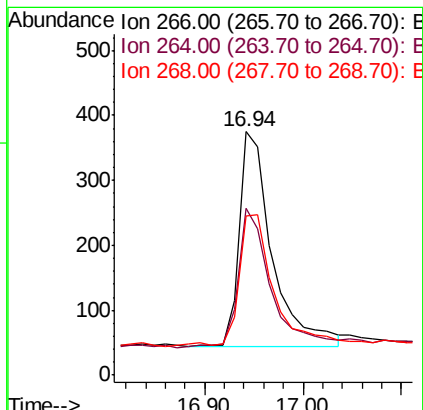
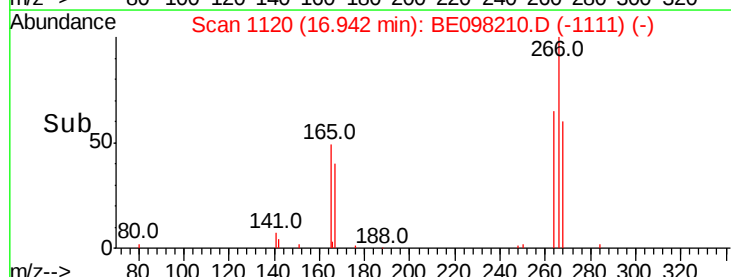
Ion	Ratio	Lower	Upper
266	100		
264	68.8	57.6	86.4
268	65.3	56.8	85.2

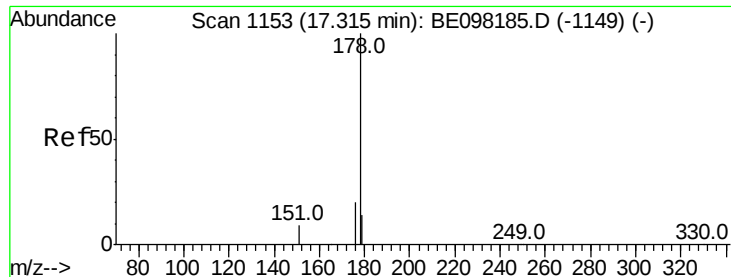


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.386 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

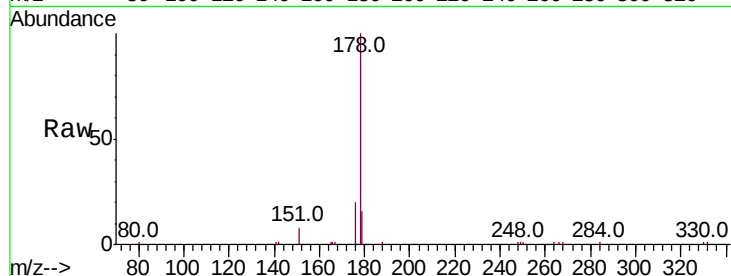
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 10498

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.3	12.3	18.5

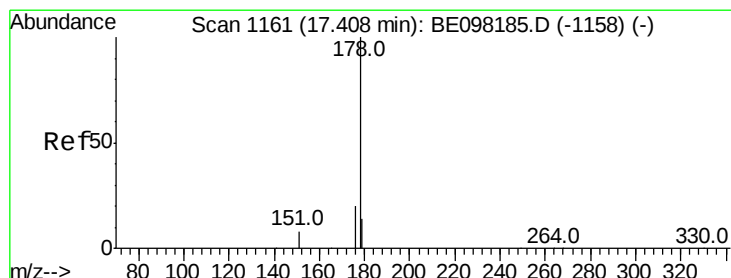
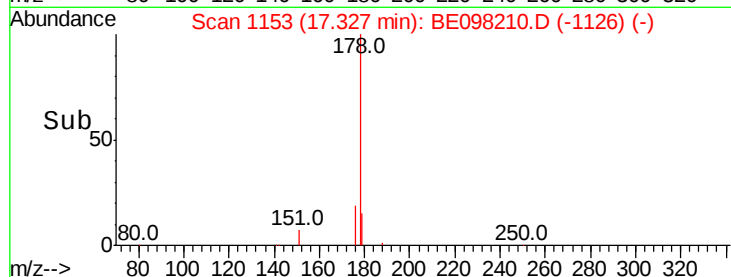
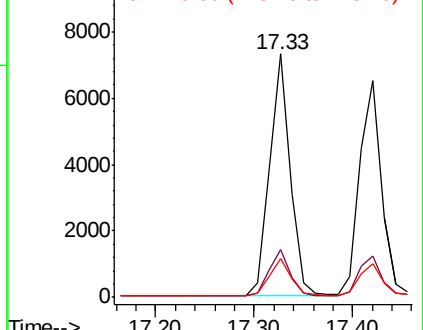


Abundance

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: 0.394 ng

RT: 17.42 min Scan# 1161

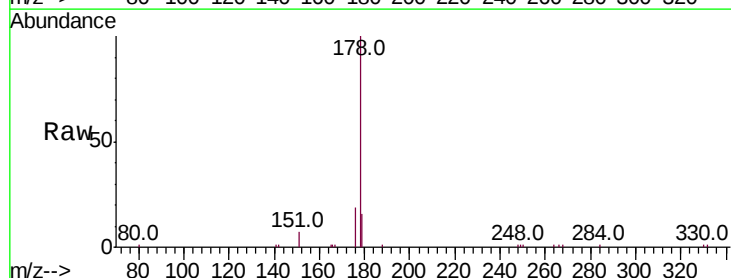
Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Tgt Ion:178 Resp: 9992

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	14.9	12.1	18.1

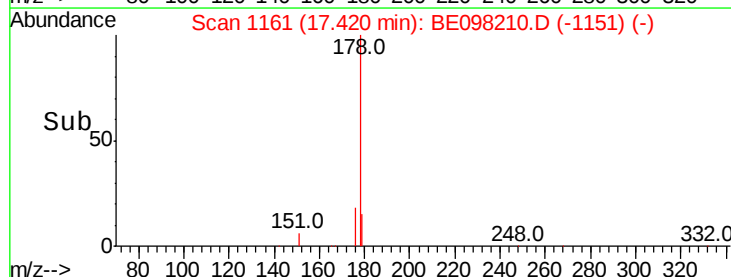
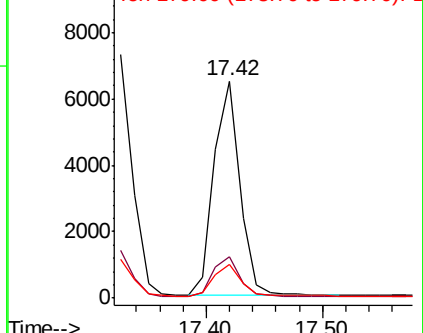


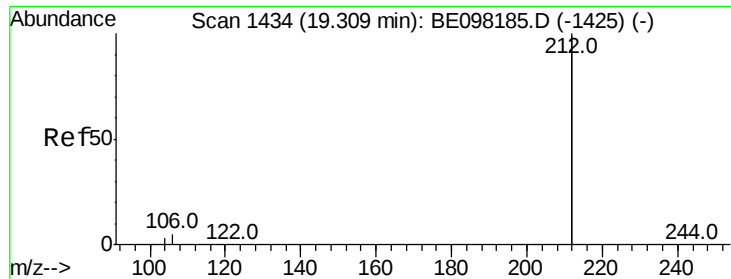
Abundance

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

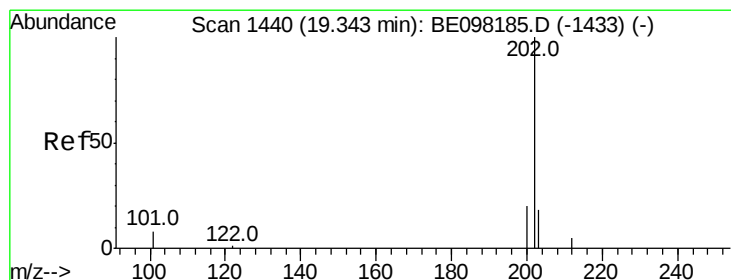
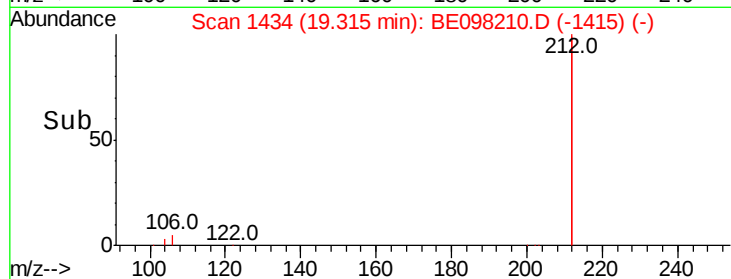
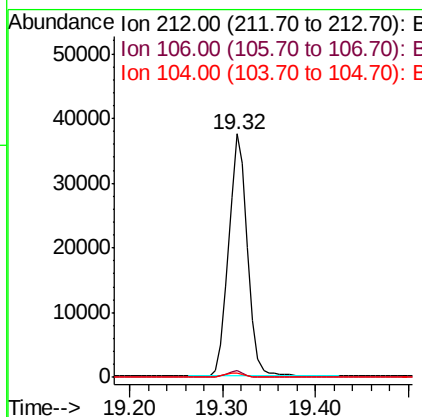
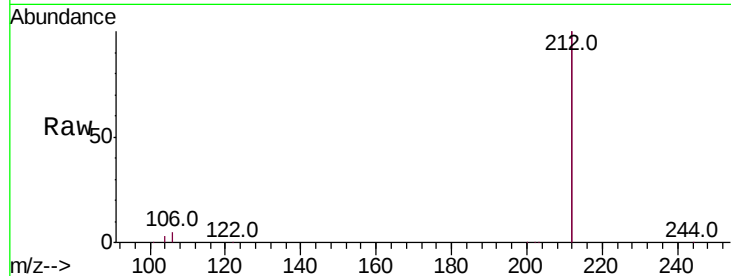




#25
 Fluoranthene-d10
 Concen: 0.385 ng
 RT: 19.32 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BE098210.D
 Acq: 13 Nov 2018 15:43

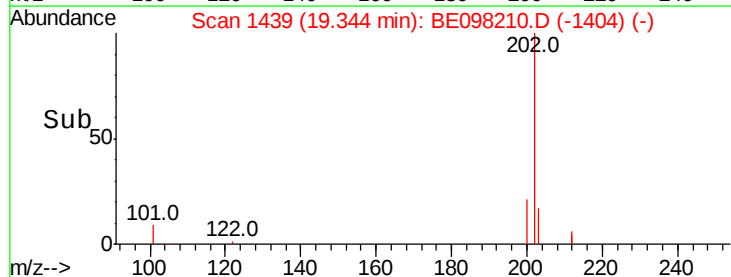
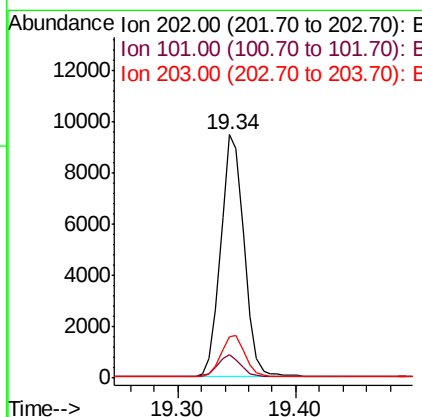
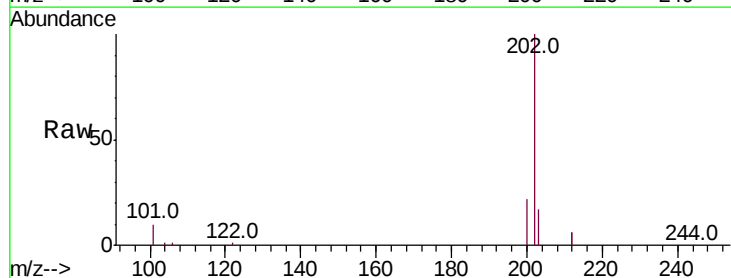
Instrument :
 BNA_E
 ClientSampleId :

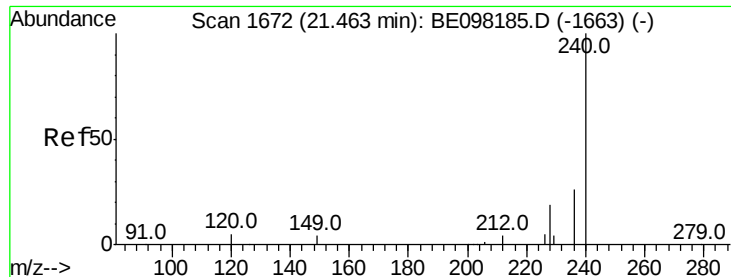
Tot Ion:212 Resp: 52420
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.5 1.1 1.7



#26
 Fluoranthene
 Concen: 0.381 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE098210.D
 Acq: 13 Nov 2018 15:43

Tgt Ion:202 Resp: 12822
 Ion Ratio Lower Upper
 202 100
 101 9.5 7.0 10.6
 203 17.5 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Instrument :

BNA_E

ClientSampleId :

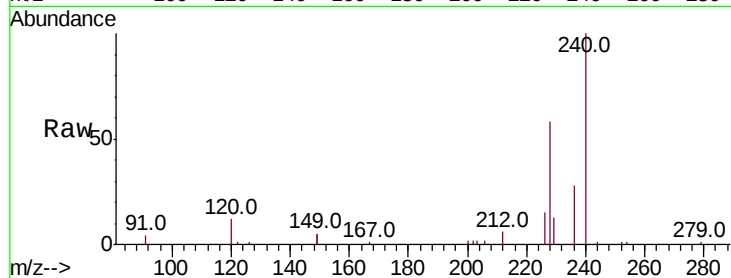
Tot Ion:240 Resp: 12808

Ion Ratio Lower Upper

240 100

120 11.6 4.8 7.2#

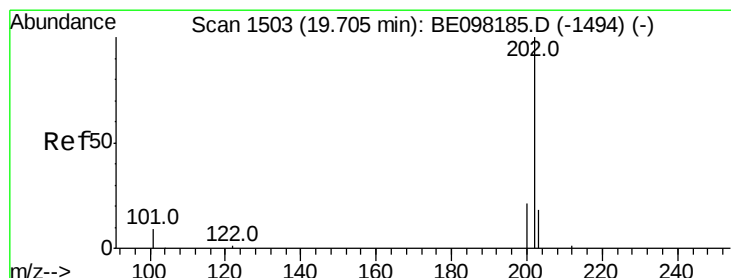
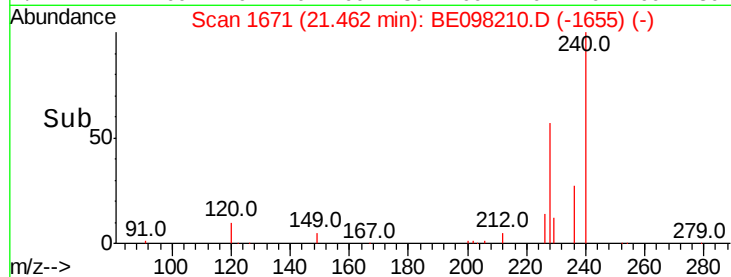
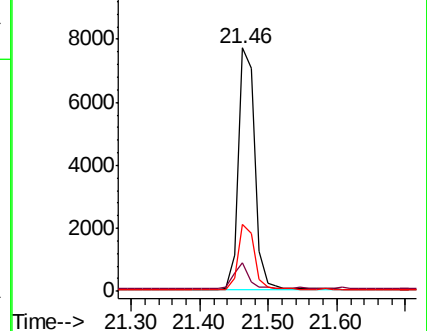
236 27.5 21.4 32.0



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: 0.384 ng

RT: 19.71 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

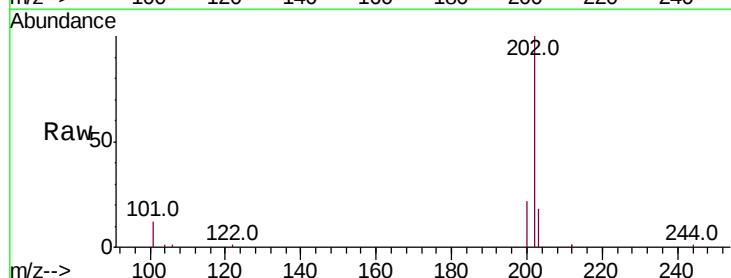
Tgt Ion:202 Resp: 13541

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

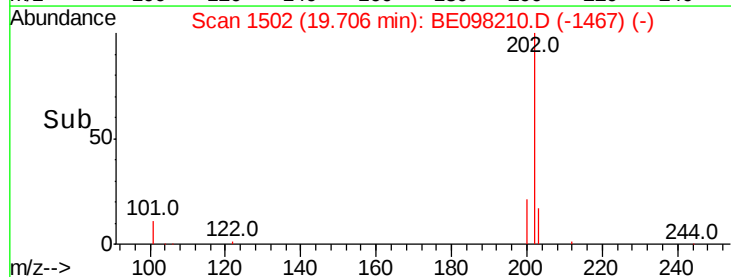
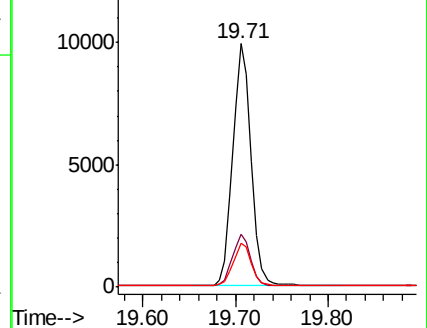
203 17.3 14.2 21.4

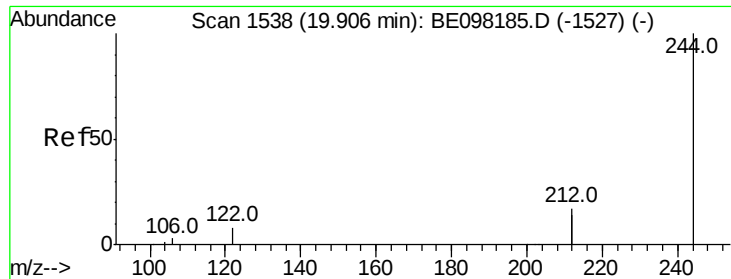


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.374 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Instrument :

BNA_E

ClientSampleId :

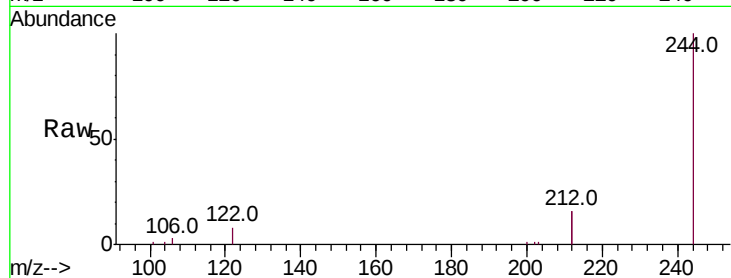
Tot Ion:244 Resp: 10857

Ion Ratio Lower Upper

244 100

212 32.5 26.8 40.2

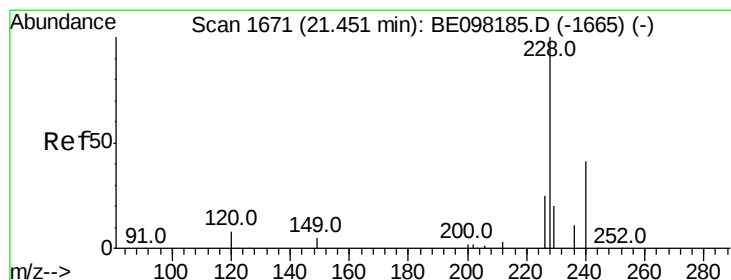
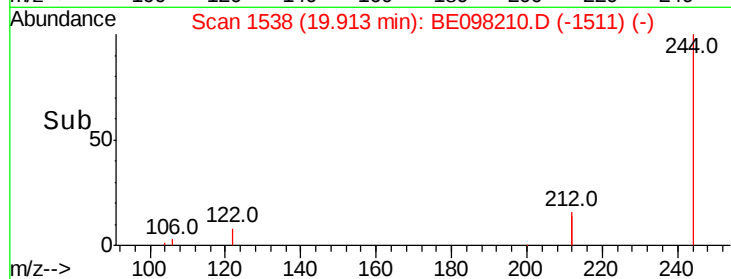
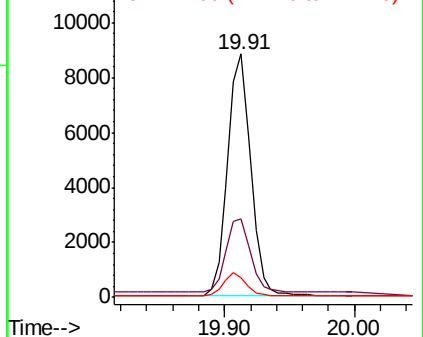
122 8.2 7.0 10.6



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: 0.383 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

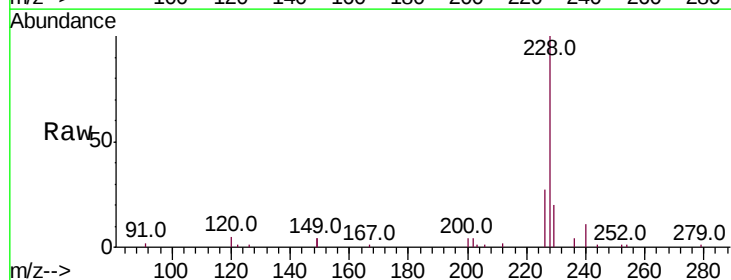
Tgt Ion:228 Resp: 13948

Ion Ratio Lower Upper

228 100

226 27.2 20.7 31.1

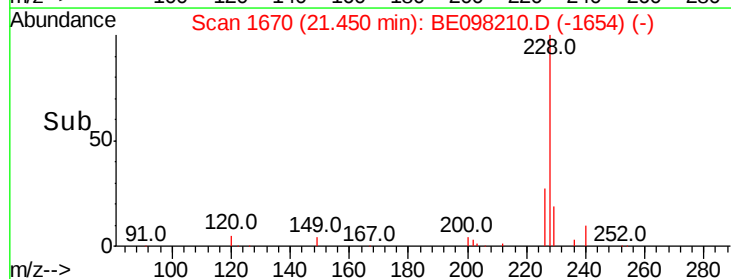
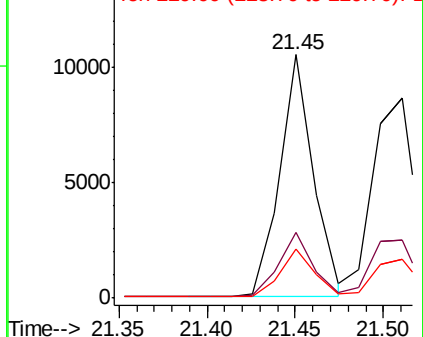
229 20.0 16.2 24.4

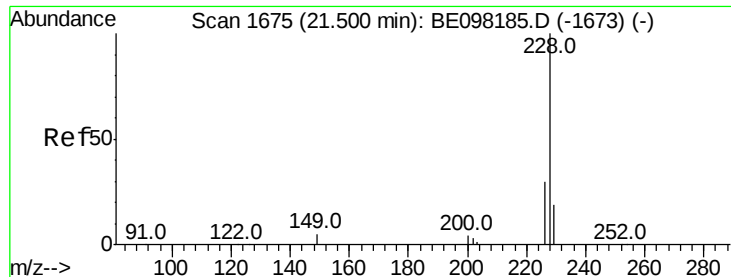


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.384 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

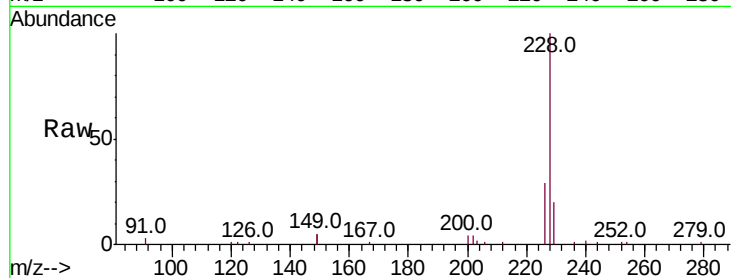
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 14180

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.6	36.8
229	19.8	16.0	24.0

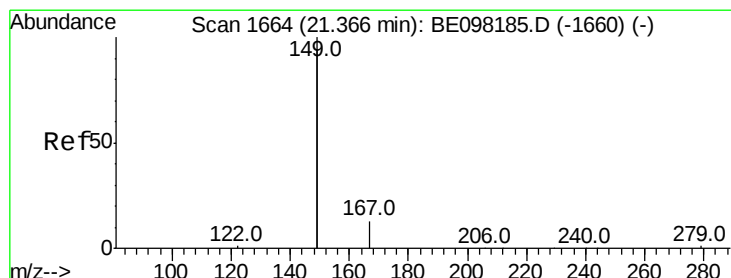
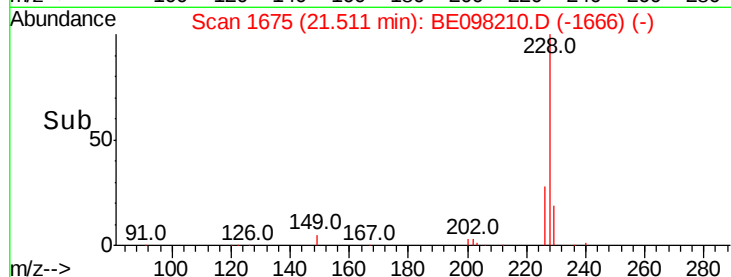
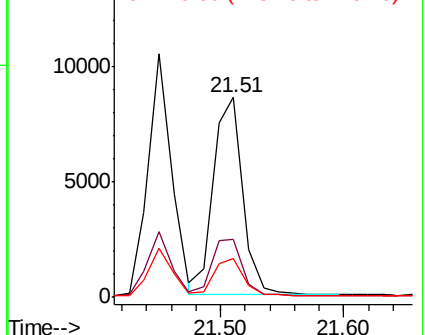


Abundance

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: 0.428 ng

RT: 21.38 min Scan# 1664

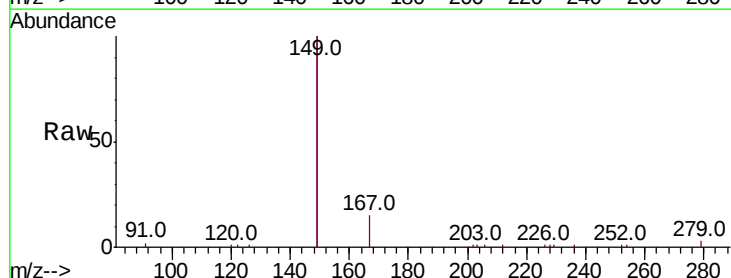
Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Tgt Ion:149 Resp: 32329

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.6	8.4
279	1.2	0.9	1.3

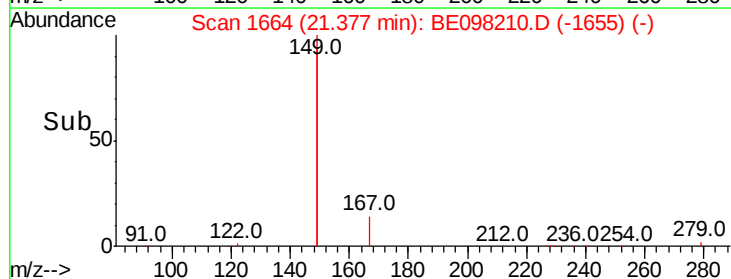
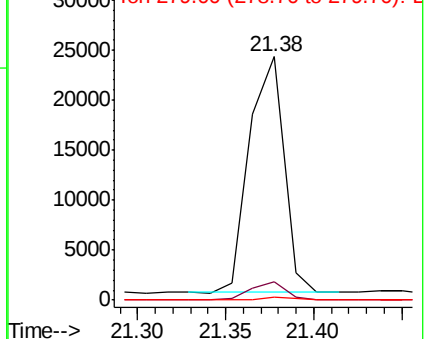


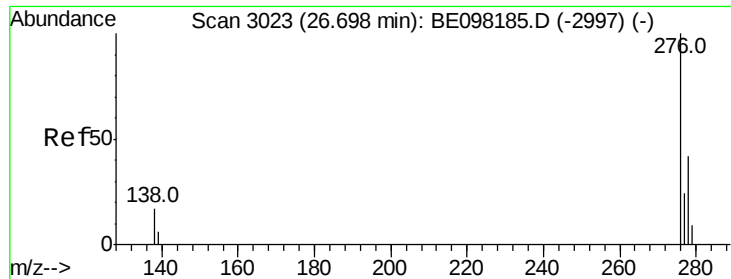
Abundance

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

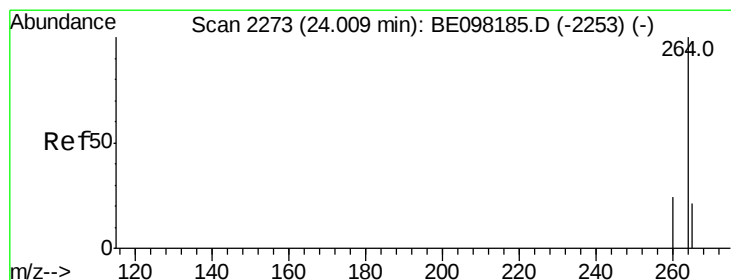
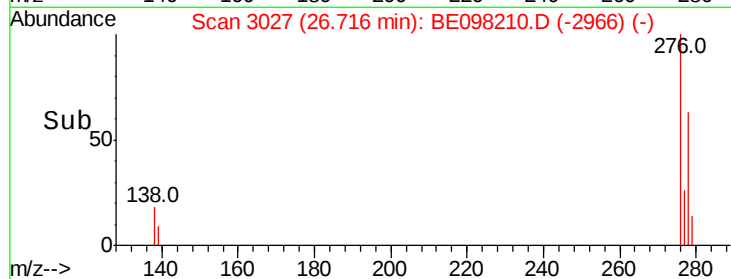
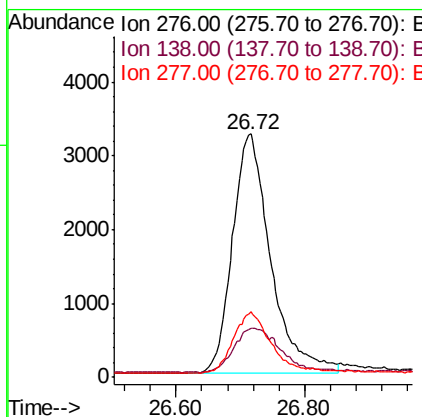
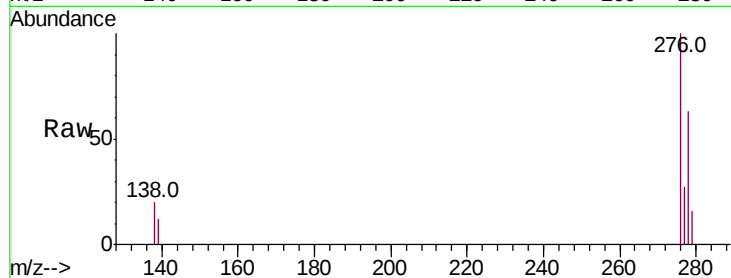




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.398 ng
 RT: 26.72 min Scan# 3027
 Delta R.T. 0.02 min
 Lab File: BE098210.D
 Acq: 13 Nov 2018 15:43

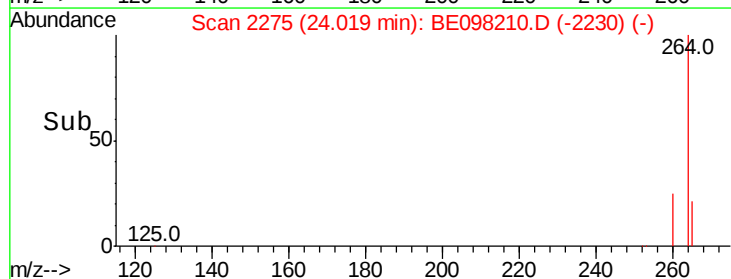
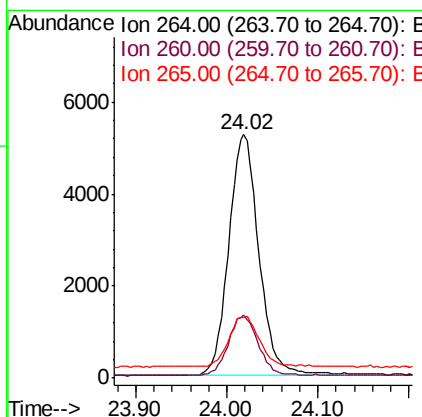
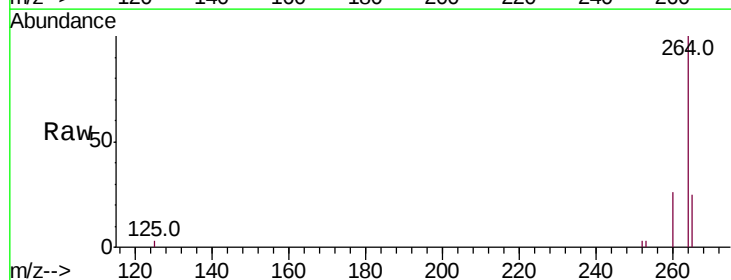
Instrument :
 BNA_E
 ClientSampleId :

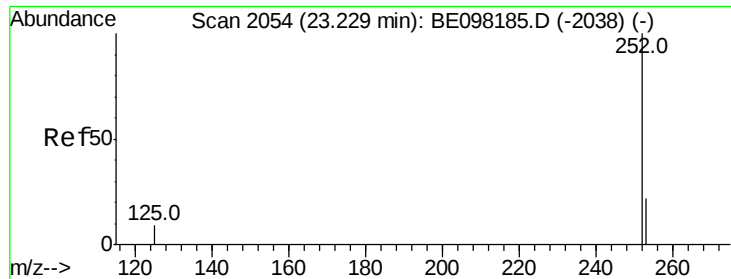
Tot Ion:276 Resp: 13485
 Ion Ratio Lower Upper
 276 100
 138 21.8 6.4 9.6#
 277 25.3 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BE098210.D
 Acq: 13 Nov 2018 15:43

Tgt Ion:264 Resp: 12016
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.9 29.9
 265 25.1 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.378 ng

RT: 23.23 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Instrument :

BNA_E

ClientSampleId :

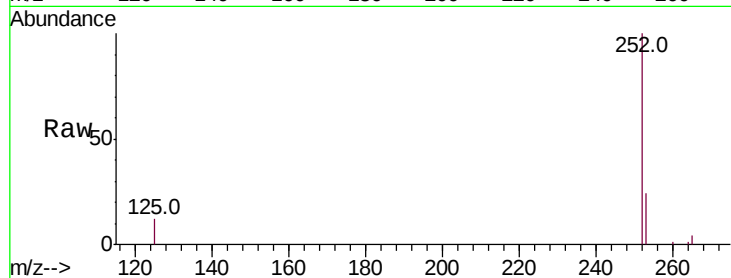
Tot Ion:252 Resp: 12878

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.0

125 12.3 8.6 12.8

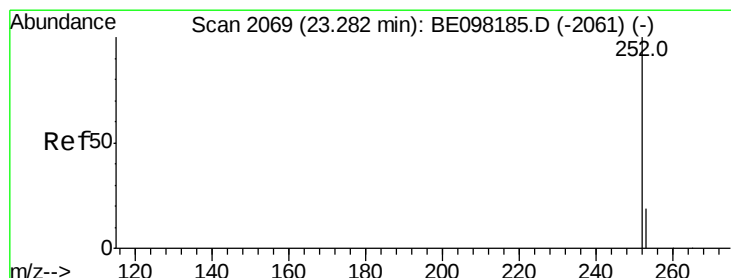
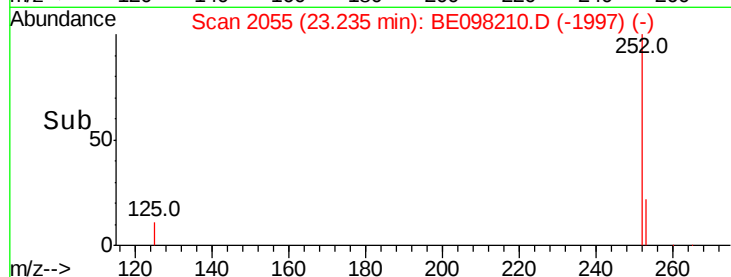
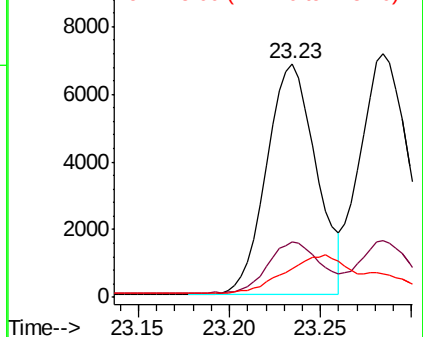


Abundance

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: 0.383 ng

RT: 23.28 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

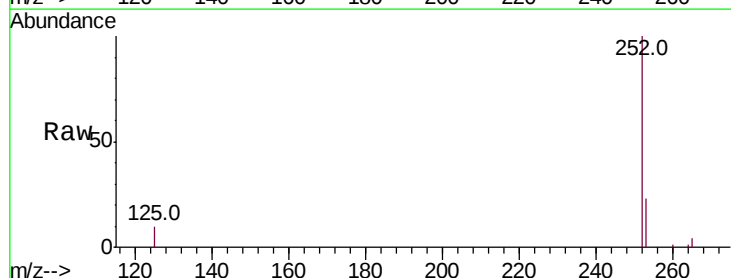
Tgt Ion:252 Resp: 13781

Ion Ratio Lower Upper

252 100

253 23.4 18.6 28.0

125 9.8 7.4 11.0

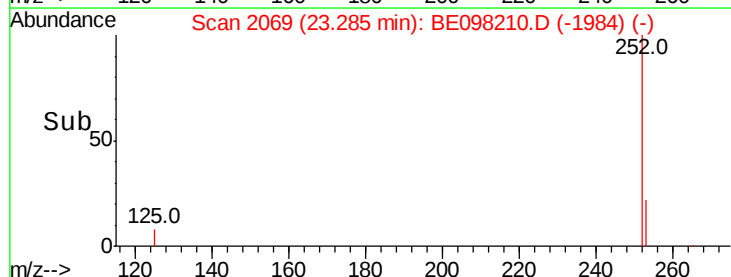
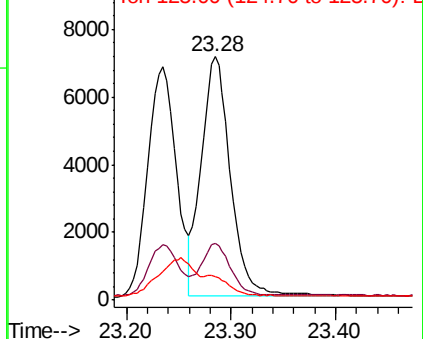


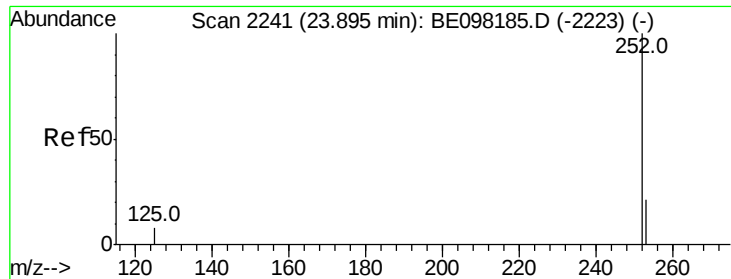
Abundance

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

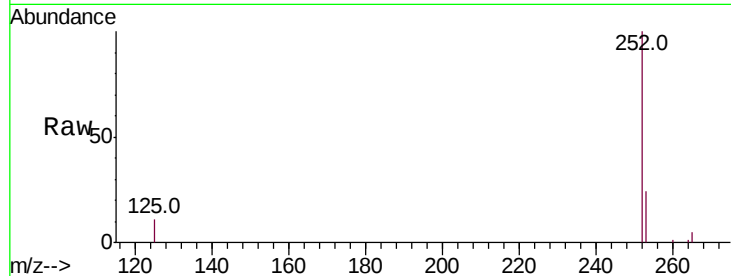




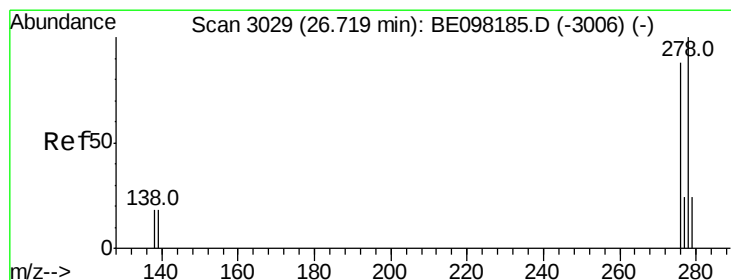
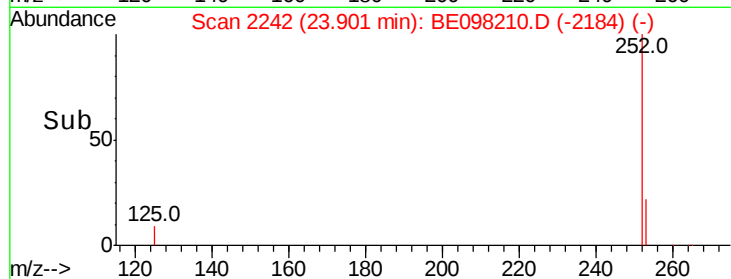
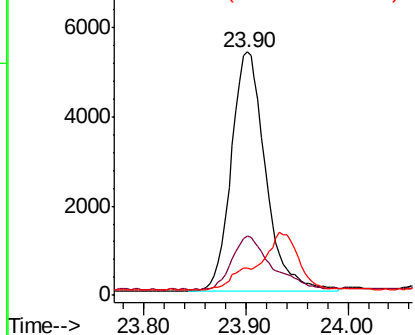
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BE098210.D
Acq: 13 Nov 2018 15:43

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 12543
Ion Ratio Lower Upper
252 100
253 24.3 18.6 27.8
125 11.4 8.0 12.0

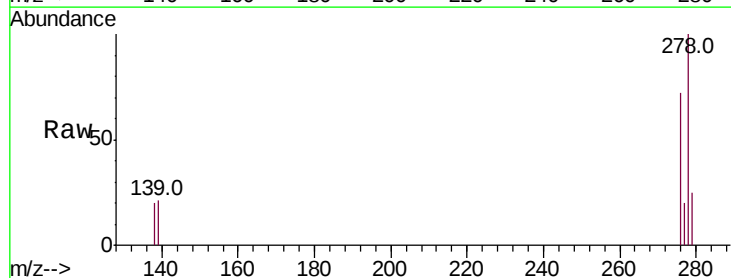


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

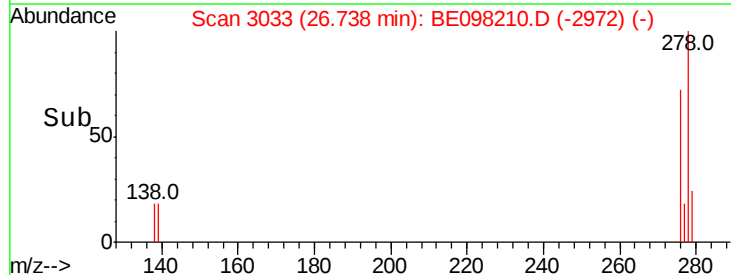
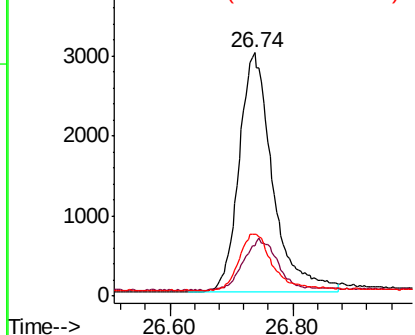


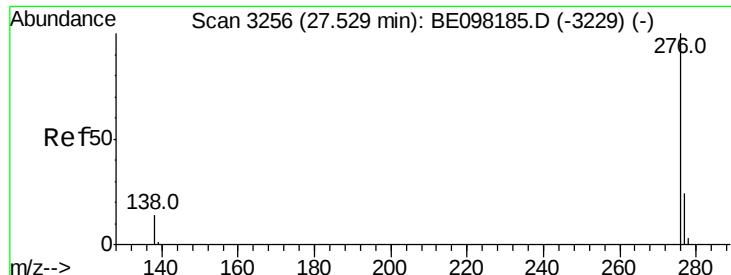
#38
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 26.74 min Scan# 3033
Delta R.T. 0.02 min
Lab File: BE098210.D
Acq: 13 Nov 2018 15:43

Tgt Ion:278 Resp: 11388
Ion Ratio Lower Upper
278 100
139 20.5 16.4 24.6
279 25.5 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: 0.378 ng

RT: 27.54 min Scan# 3258

Delta R.T. 0.01 min

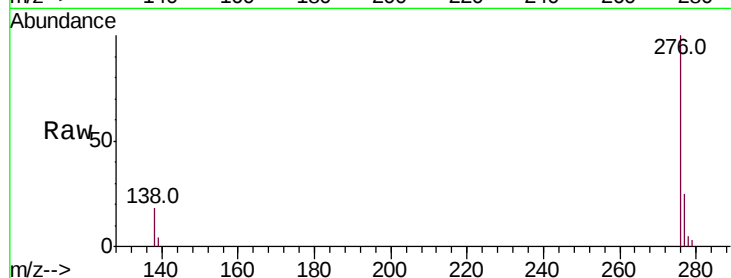
Lab File: BE098210.D

Acq: 13 Nov 2018 15:43

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 10991

Ion Ratio Lower Upper

276 100

277 24.7 20.4 30.6

138 17.6 13.2 19.8

