

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
 Data File : BE098522.D
 Acq On : 19 Dec 2018 9:41
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 19 11:01:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	1345	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	6648	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	4186	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	9758	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	11176	0.40	ng	-0.01
34) Perylene-d12	23.99	264	10496	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	1258	0.40	ng	0.00
5) Phenol-d6	7.04	99	2155	0.48	ng	-0.01
8) Nitrobenzene-d5	9.02	82	2103	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	4350	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	573	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	6898	0.39	ng	-0.01
25) Fluoranthene-d10	19.30	212	48404	0.39	ng	-0.01
29) Terphenyl-d14	19.89	244	9577	0.35	ng	-0.01

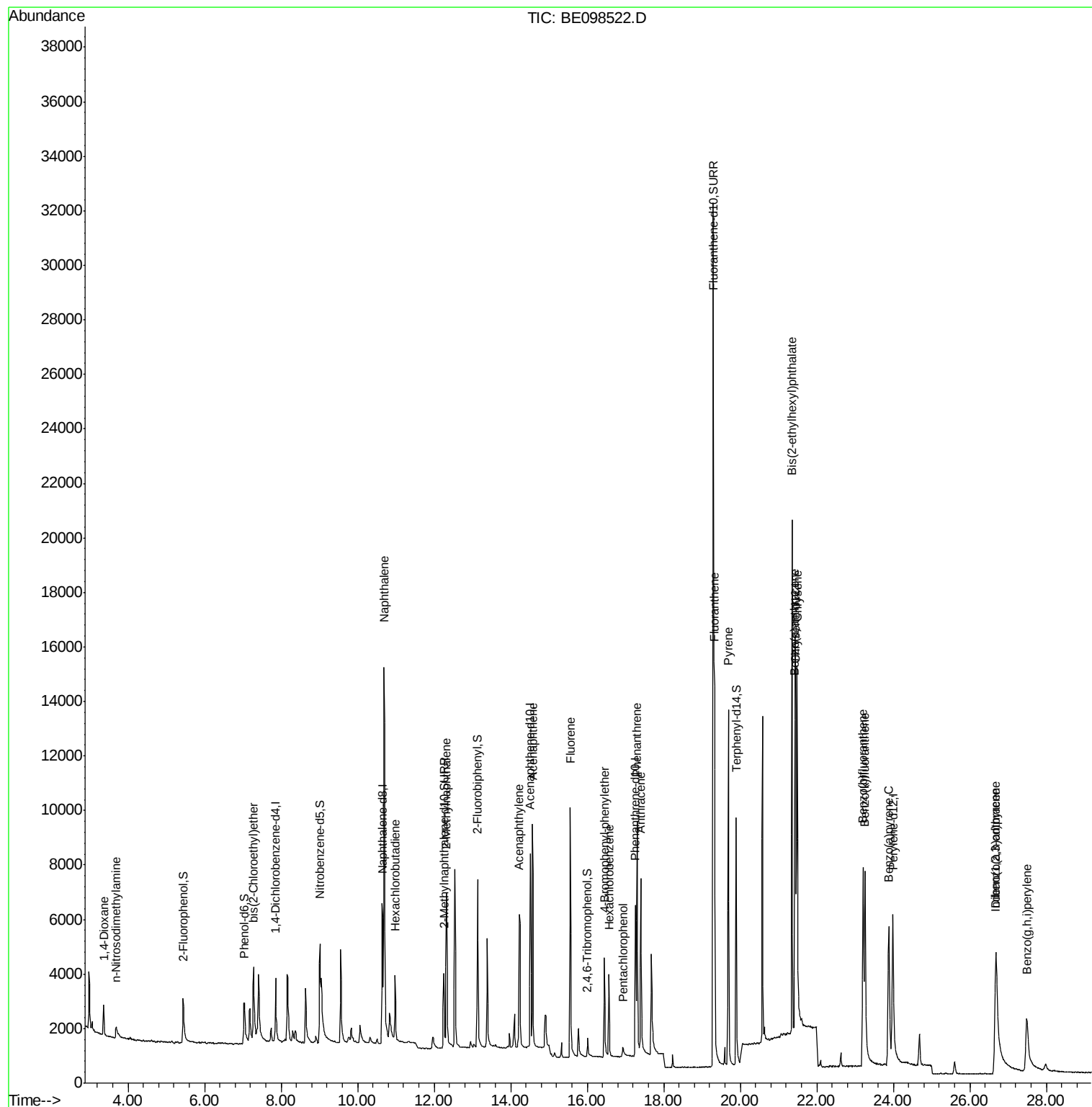
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	809	0.348	ng	88
3) n-Nitrosodimethylamine	3.70	42	522	0.249	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	1515	0.358	ng	88
9) Naphthalene	10.69	128	27088	0.405	ng	100
10) Hexachlorobutadiene	10.98	225	1697	0.398	ng	98
12) 2-Methylnaphthalene	12.32	142	4397	0.405	ng	99
16) Acenaphthylene	14.23	152	7122	0.363	ng	99
17) Acenaphthene	14.57	154	4667	0.396	ng	99
18) Fluorene	15.56	166	5997	0.380	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	2105	0.401	ng	# 89
21) Hexachlorobenzene	16.57	284	2447	0.433	ng	97
22) Pentachlorophenol	16.93	266	365	0.402	ng	99
23) Phenanthrene	17.30	178	9290	0.392	ng	100
24) Anthracene	17.40	178	7616	0.360	ng	99
26) Fluoranthene	19.32	202	11949	0.381	ng	98
28) Pyrene	19.69	202	12749	0.364	ng	99
30) Benzo(a)anthracene	21.43	228	11988	0.377	ng	98
31) Chrysene	21.49	228	12681	0.380	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	20629	0.319	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	9322	0.281	ng	99
35) Benzo(b)fluoranthene	23.21	252	11093	0.386	ng	98
36) Benzo(k)fluoranthene	23.26	252	13813	0.413	ng	98
37) Benzo(a)pyrene	23.88	252	11558	0.390	ng	97
38) Dibenzo(a,h)anthracene	26.69	278	8037	0.288	ng	# 90
39) Benzo(g,h,i)perylene	27.49	276	7396	0.263	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
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Acq On : 19 Dec 2018 9:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Dec 19 11:01:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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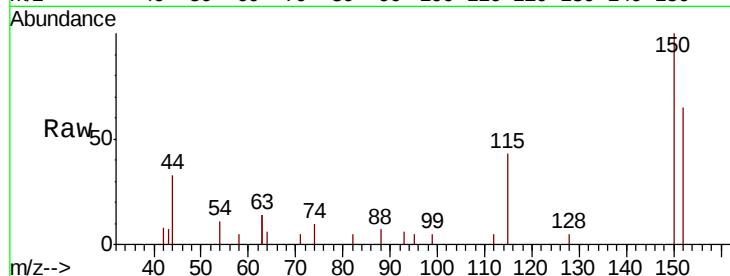


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.4
115	65.3	53.9	80.9

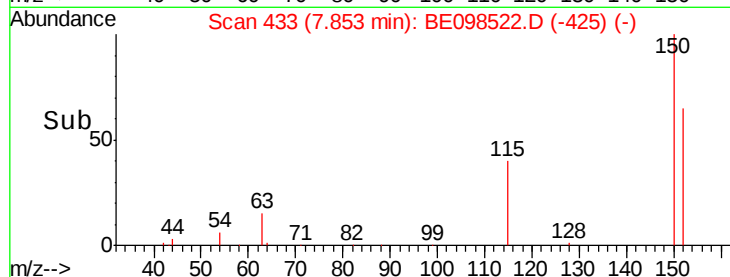
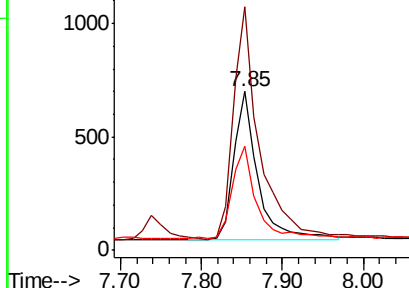


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

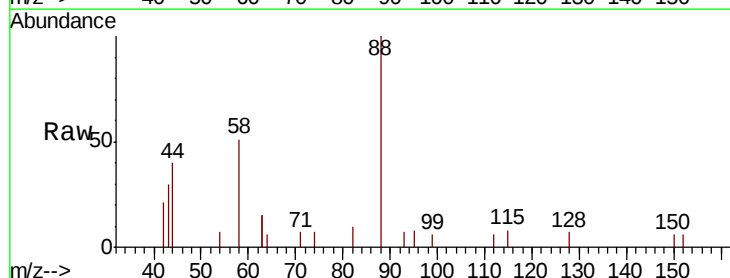
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.348 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	75.0	112.6
43	41.7	38.3	57.5

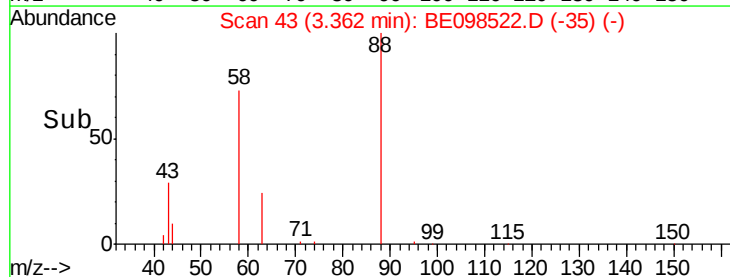
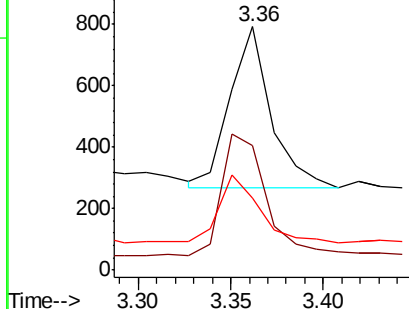


Abundance

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: 0.249 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

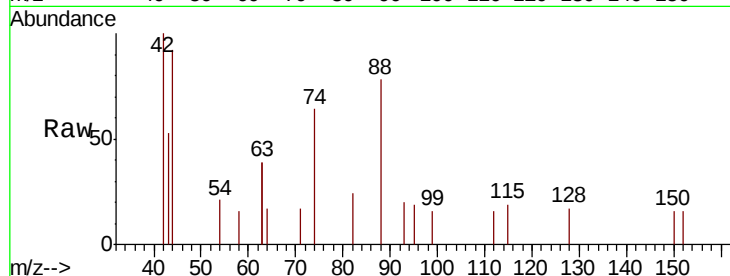
Tot Ion: 42 Resp: 522

Ion Ratio Lower Upper

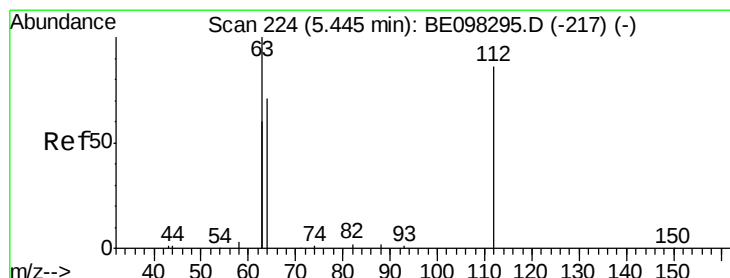
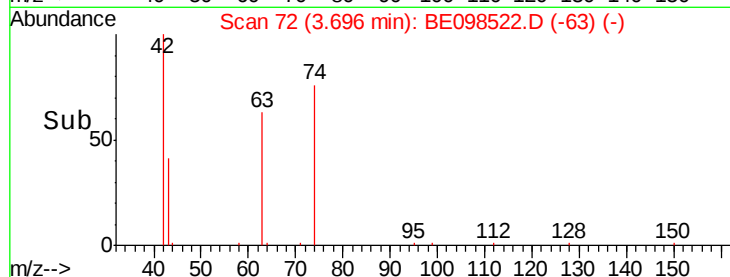
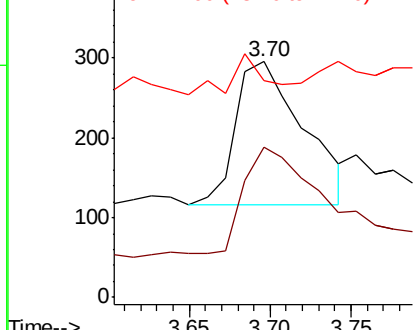
42 100

74 81.6 0.0 0.0#

44 13.2 0.0 0.0#



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: 0.400 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

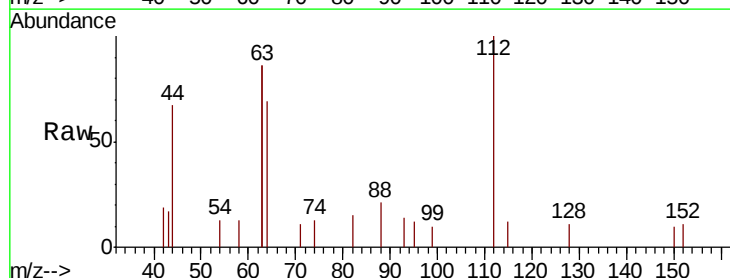
Tgt Ion: 112 Resp: 1258

Ion Ratio Lower Upper

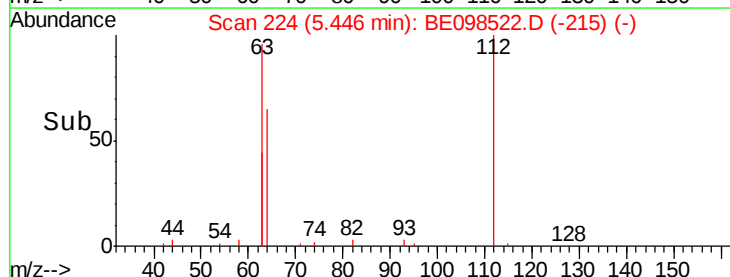
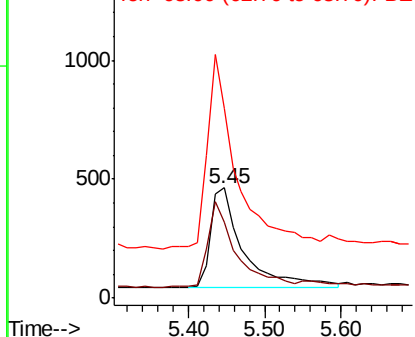
112 100

64 73.2 59.8 89.8

63 174.0 133.7 200.5



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





#5

Phenol-d6

Concen: 0.483 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

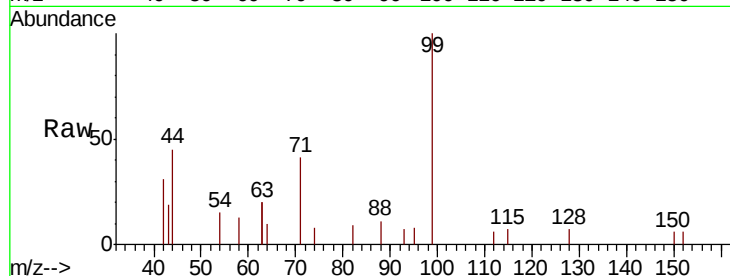
Tot Ion: 99 Resp: 2155

Ion Ratio Lower Upper

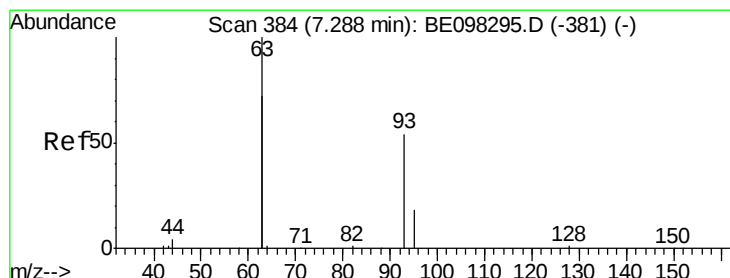
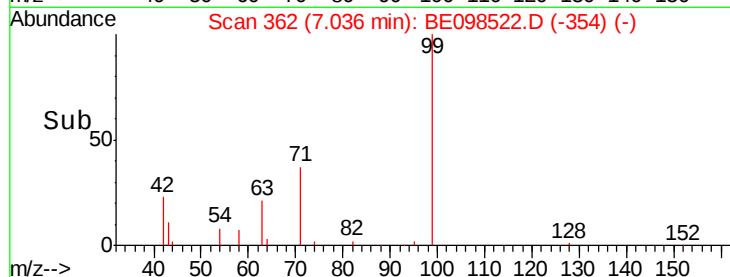
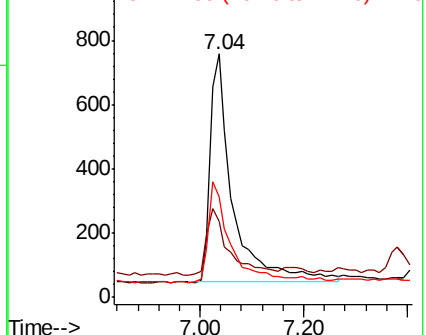
99 100

42 29.4 26.3 39.5

71 41.3 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: 0.358 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

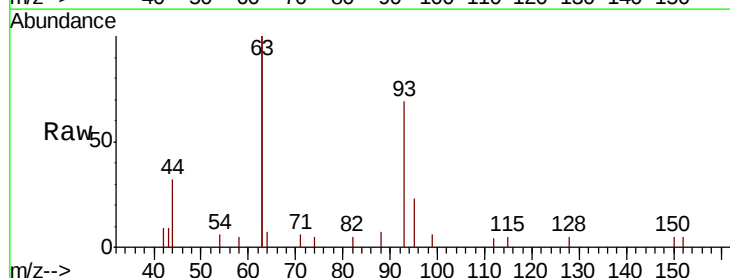
Tgt Ion: 93 Resp: 1515

Ion Ratio Lower Upper

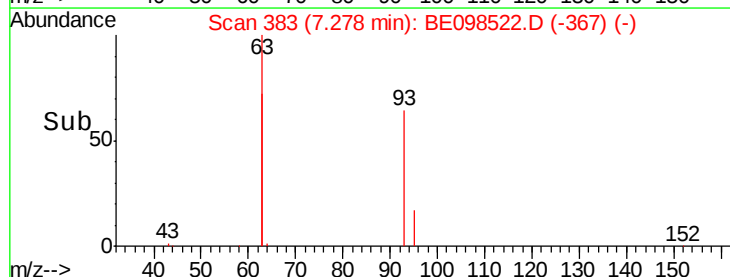
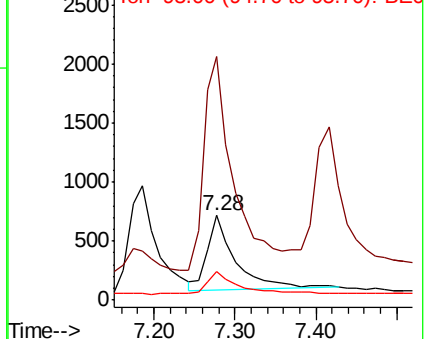
93 100

63 303.0 264.4 396.6

95 33.6 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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6648

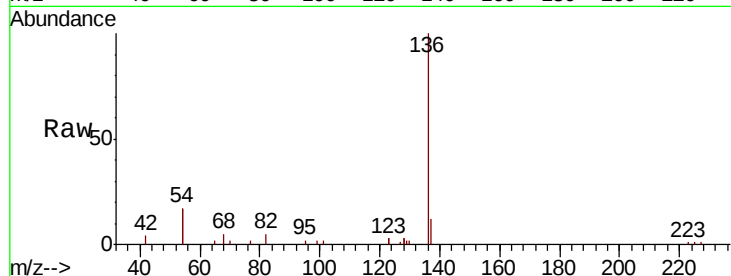
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 33.1 28.4 42.6

68 5.4 5.4 8.0#

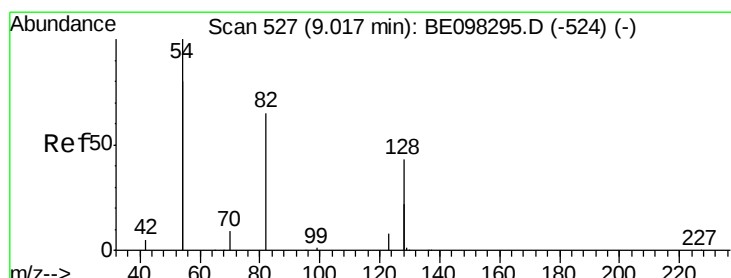
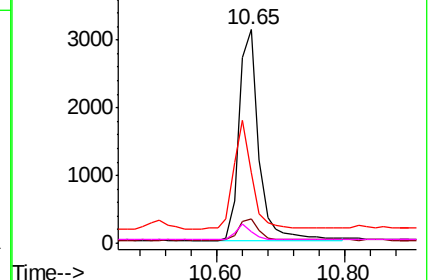
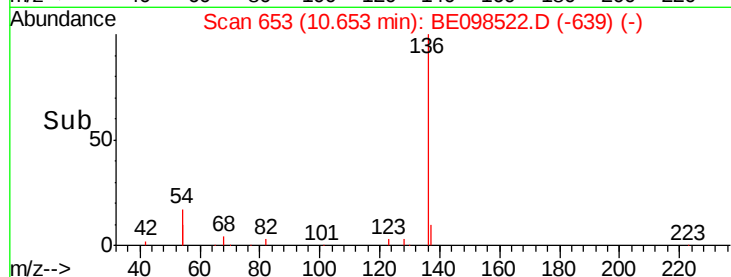


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

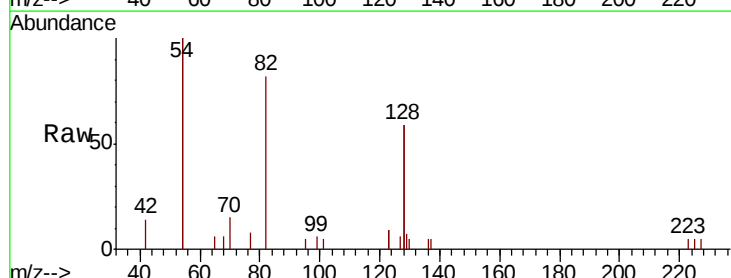
Tgt Ion: 82 Resp: 2103

Ion Ratio Lower Upper

82 100

128 144.6 102.4 153.6

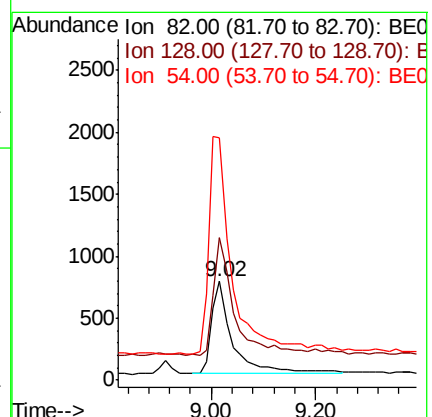
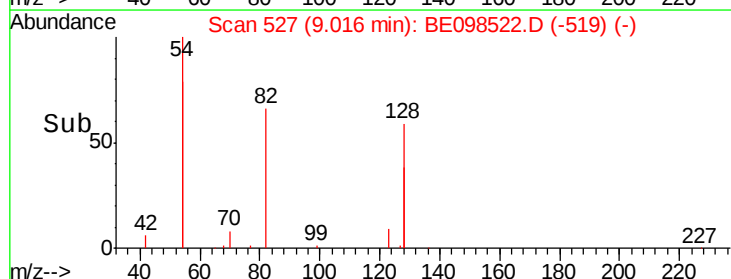
54 244.9 221.8 332.8

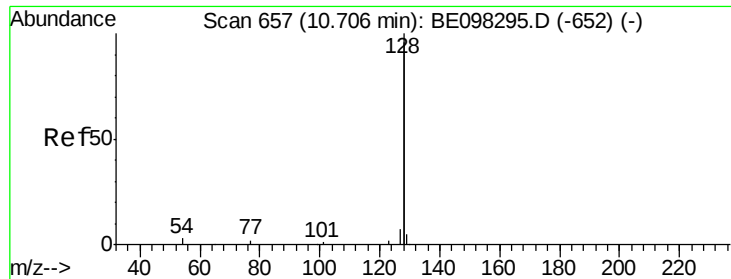


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.405 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

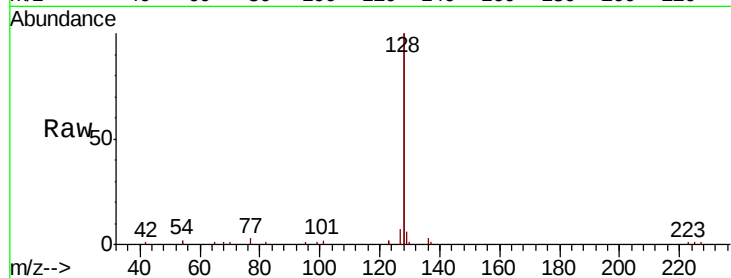
Tot Ion:128 Resp: 27088

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

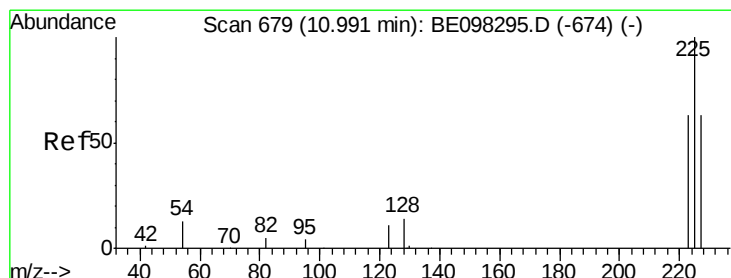
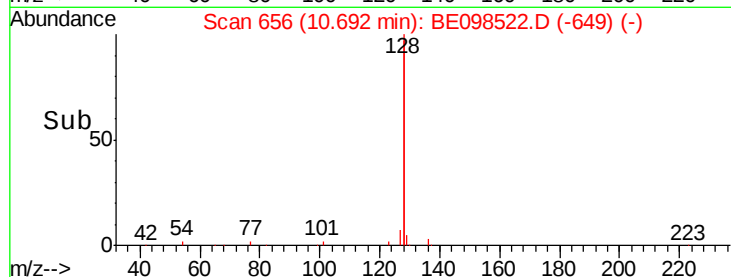
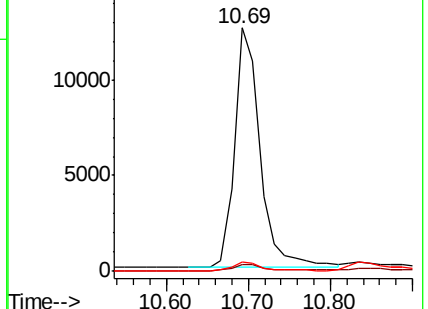
127 3.6 2.7 4.1



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: 0.398 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

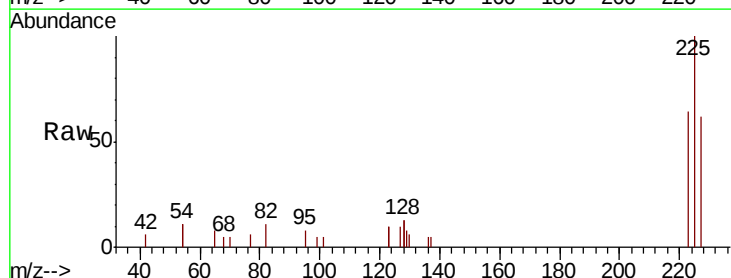
Tgt Ion:225 Resp: 1697

Ion Ratio Lower Upper

225 100

223 61.1 49.4 74.0

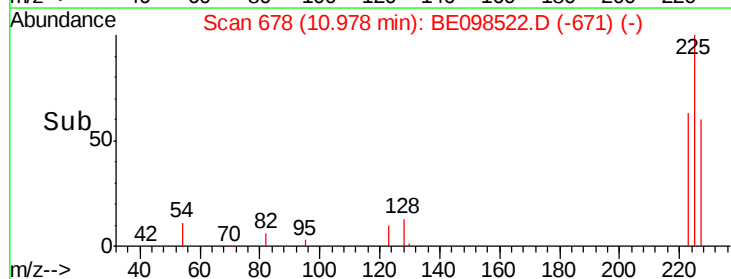
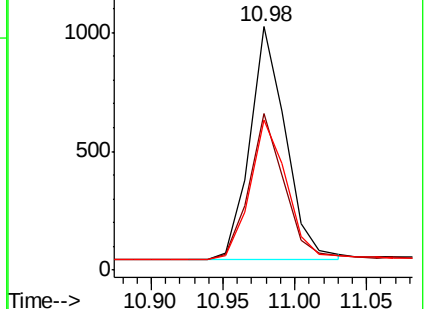
227 62.1 52.0 78.0

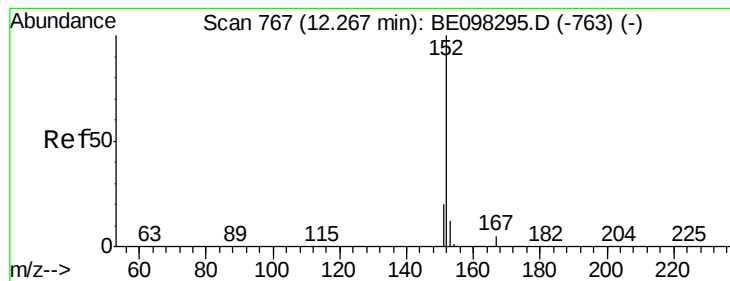


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

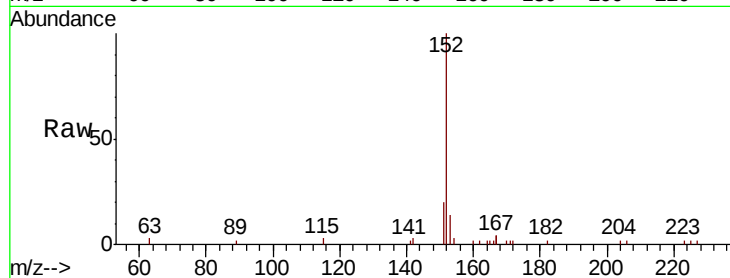
ClientSampleId :

Tot Ion:152 Resp: 4350

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

1500

1000

500

0

12.20

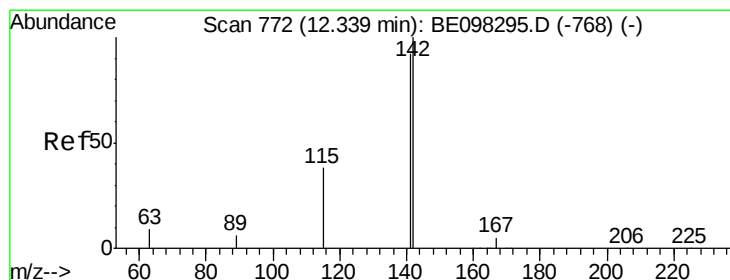
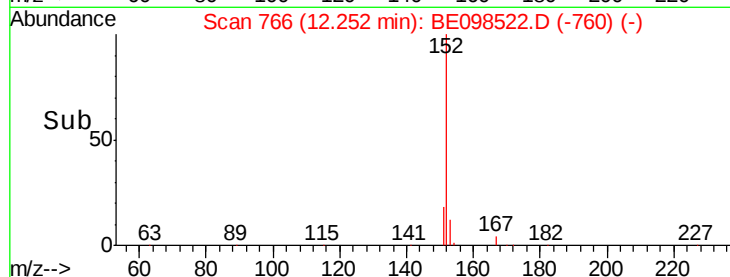
12.25

12.30

12.35

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.405 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

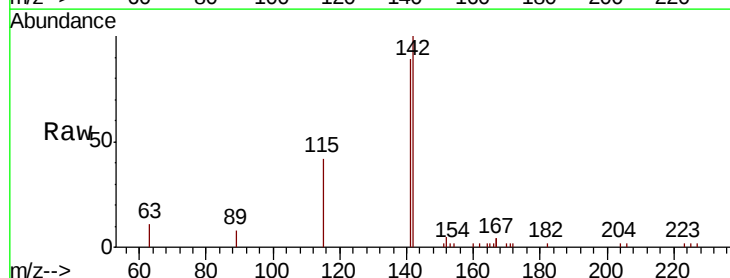
Tgt Ion:142 Resp: 4397

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6

115 41.8 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

3000

2500

2000

1500

1000

500

0

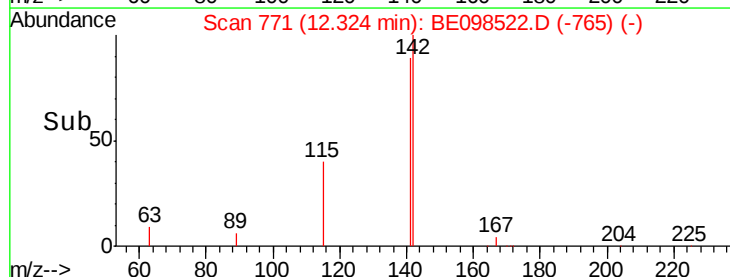
12.30

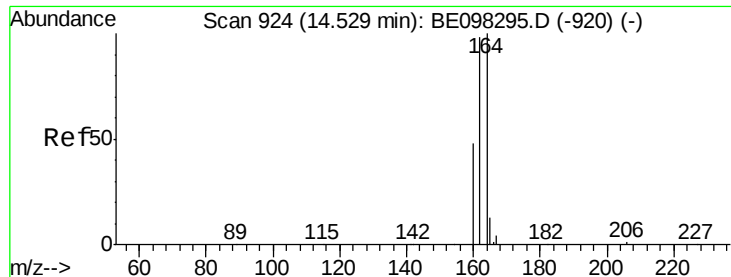
12.32

12.35

12.40

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

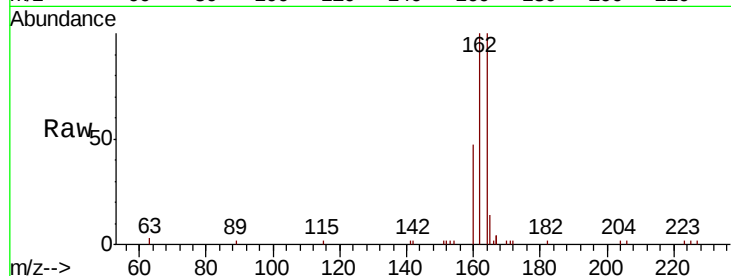
Tot Ion:164 Resp: 4186

Ion Ratio Lower Upper

164 100

162 99.8 77.6 116.4

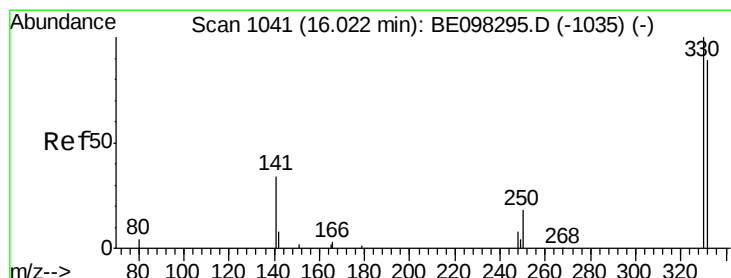
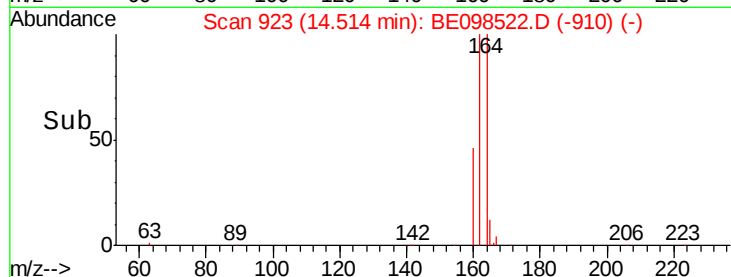
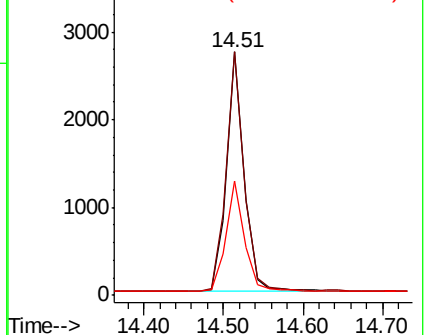
160 47.0 36.0 54.0



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: 0.373 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

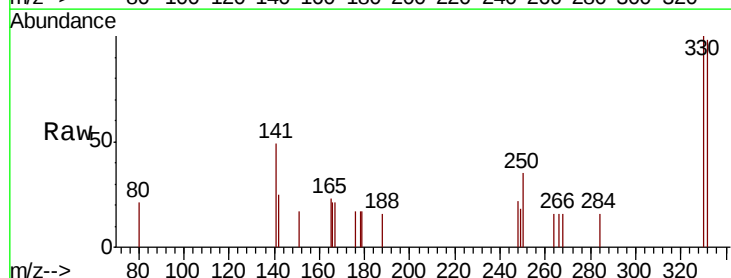
Tgt Ion:330 Resp: 573

Ion Ratio Lower Upper

330 100

332 92.5 76.2 114.4

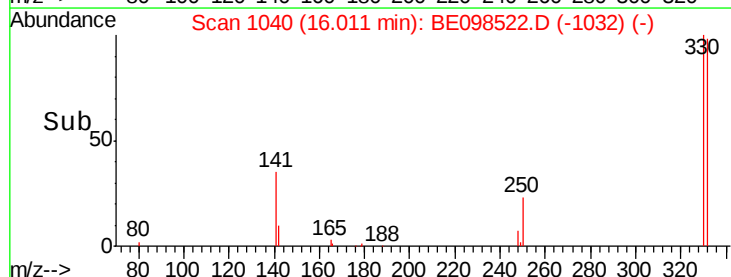
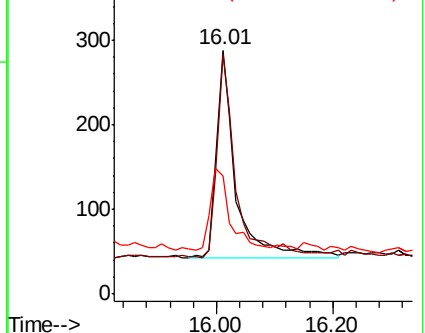
141 39.1 39.0 58.4



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

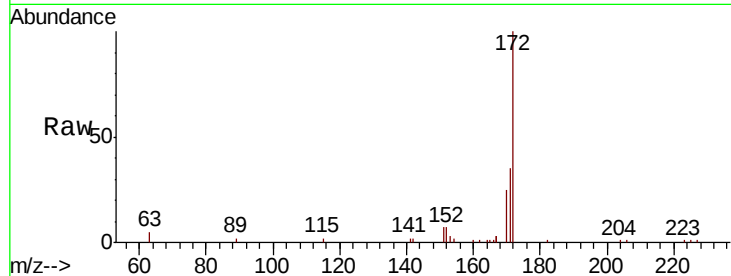




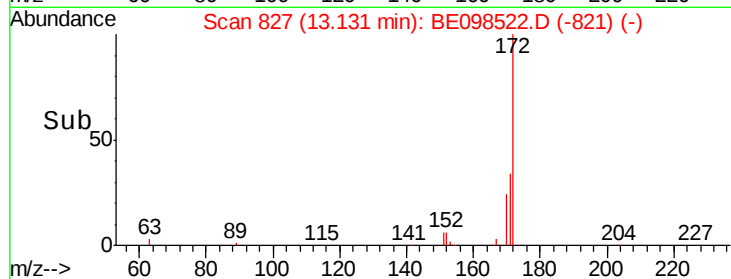
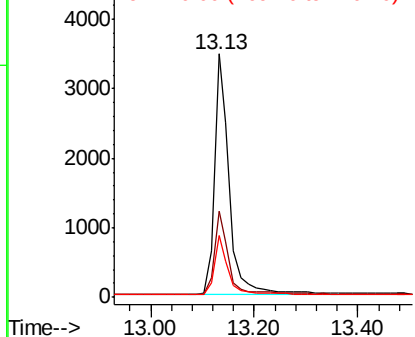
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6898
Ion Ratio Lower Upper
172 100
171 35.4 27.5 41.3
170 25.4 19.6 29.4

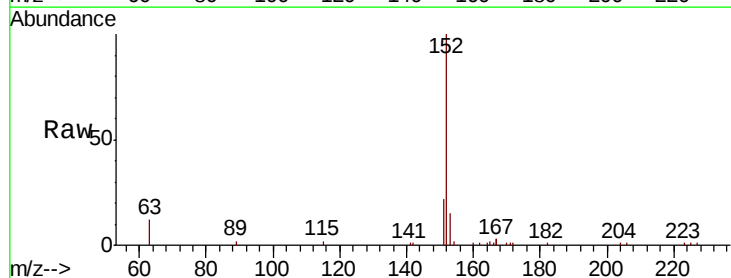


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

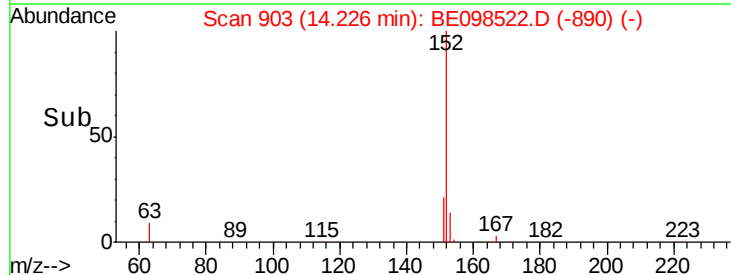
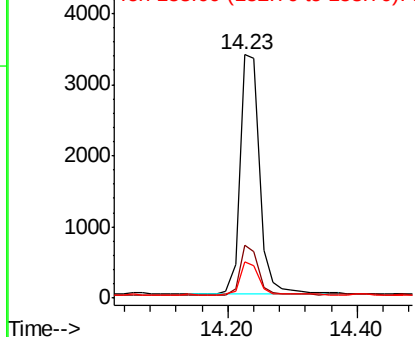


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:152 Resp: 7122
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.1 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: 0.396 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

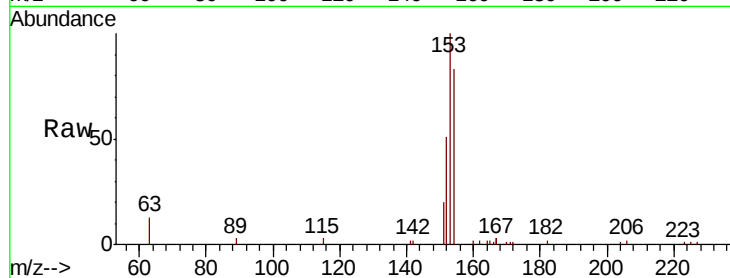
Tot Ion:154 Resp: 4667

Ion Ratio Lower Upper

154 100

153 116.1 91.8 137.6

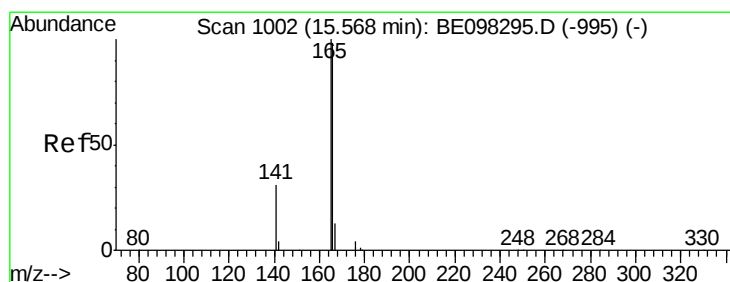
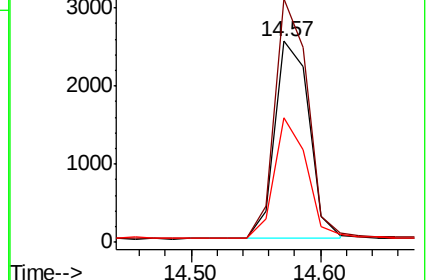
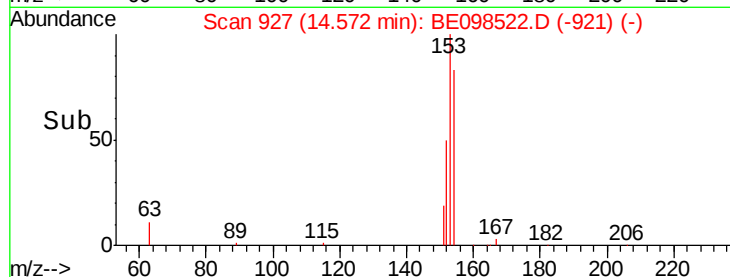
152 57.8 45.5 68.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.380 ng

RT: 15.56 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

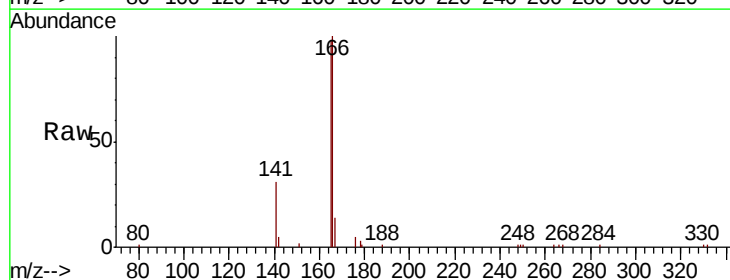
Tgt Ion:166 Resp: 5997

Ion Ratio Lower Upper

166 100

165 98.0 79.3 118.9

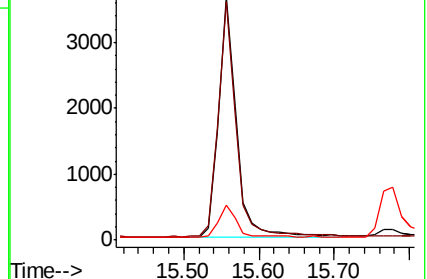
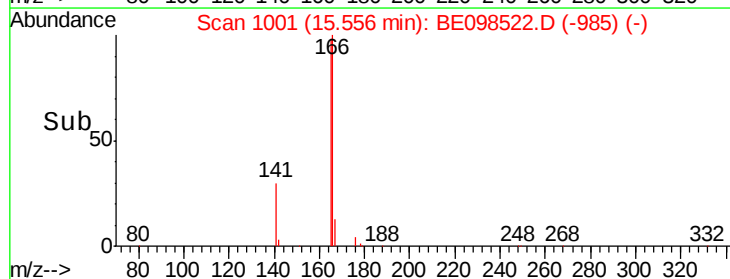
167 13.0 11.3 16.9



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: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

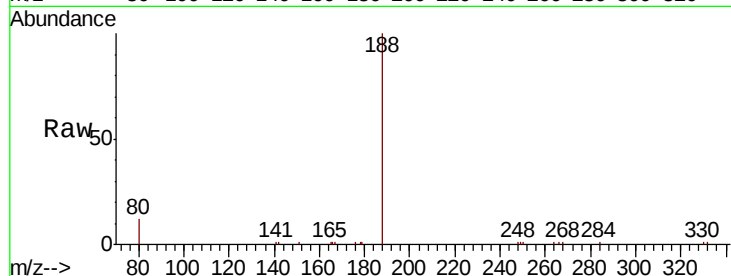
Tot Ion:188 Resp: 9758

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

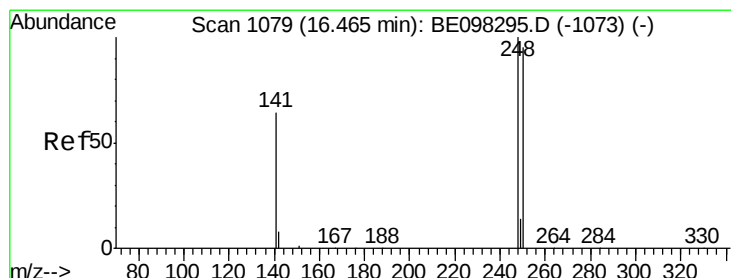
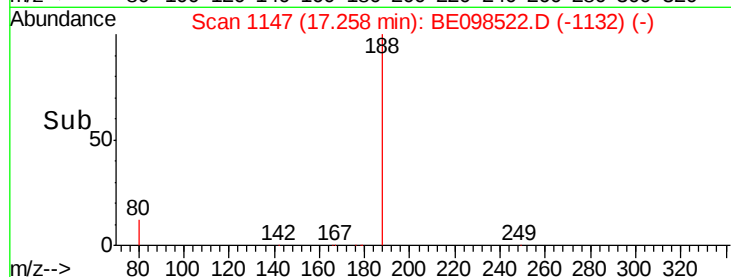
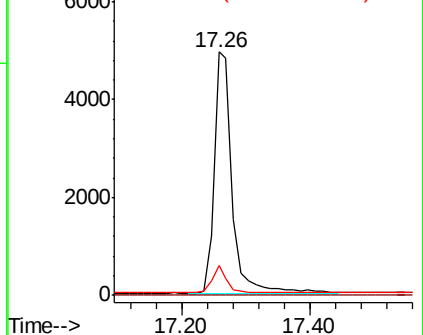
80 12.5 7.2 10.8#



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: 0.401 ng

RT: 16.45 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

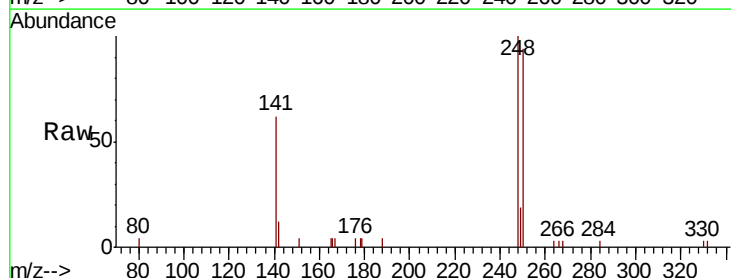
Tgt Ion:248 Resp: 2105

Ion Ratio Lower Upper

248 100

250 93.8 71.0 106.6

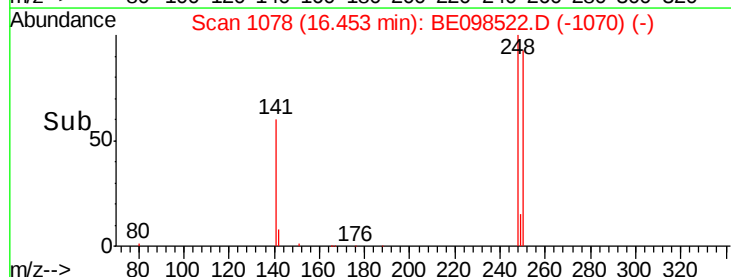
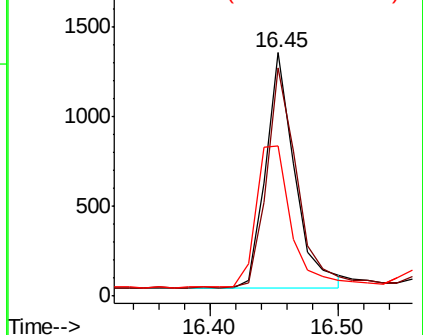
141 61.8 62.1 93.1#



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

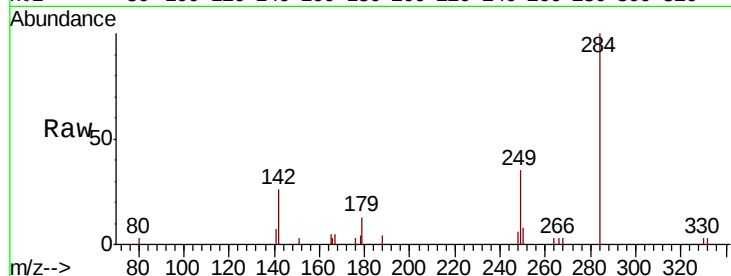




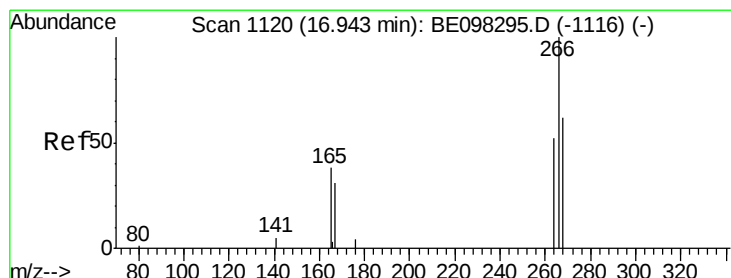
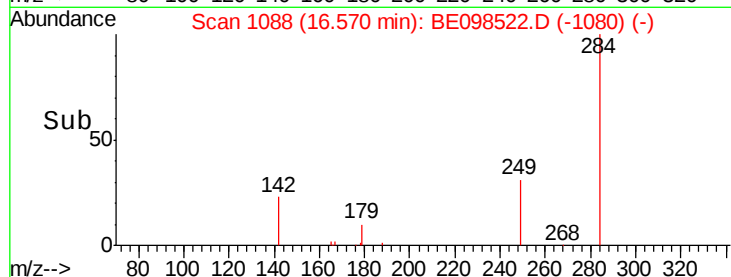
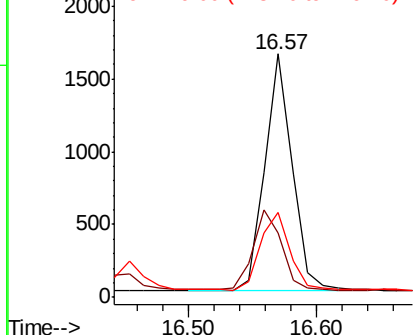
#21
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 2447
Ion Ratio Lower Upper
284 100
142 34.5 26.3 39.5
249 34.1 26.0 39.0

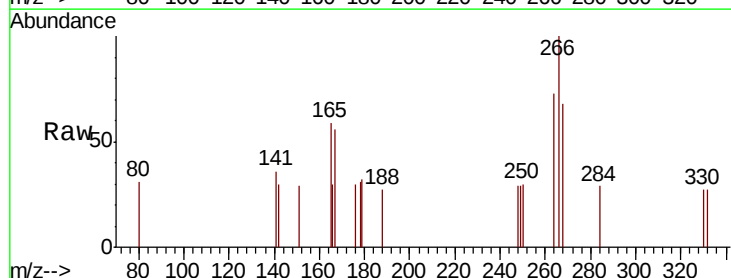


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

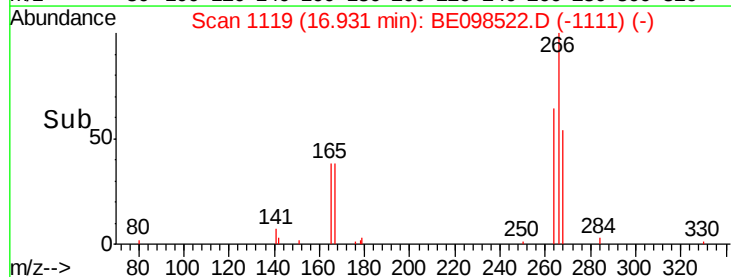
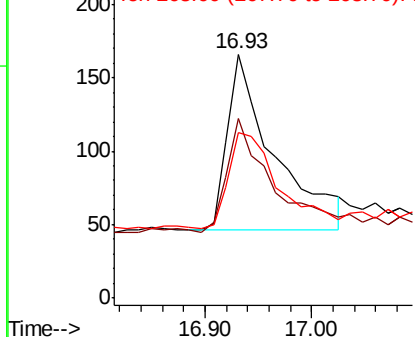


#22
Pentachlorophenol
Concen: 0.402 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:266 Resp: 365
Ion Ratio Lower Upper
266 100
264 73.5 59.0 88.4
268 68.1 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: 0.392 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

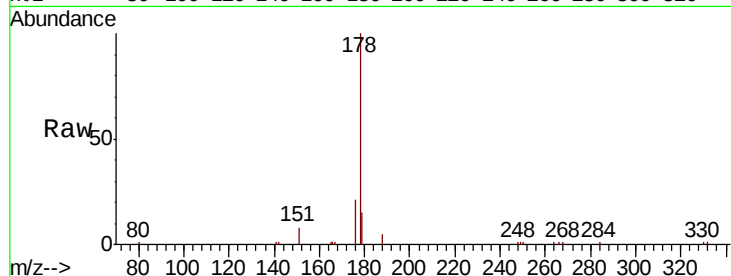
Tot Ion:178 Resp: 9290

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

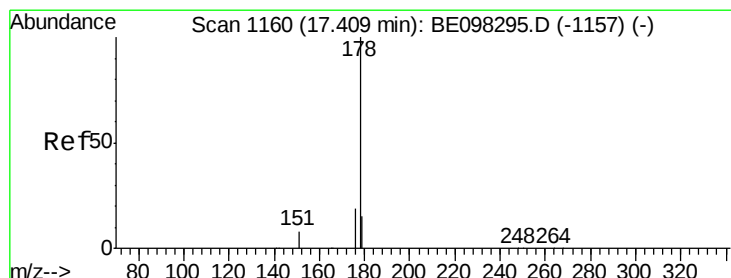
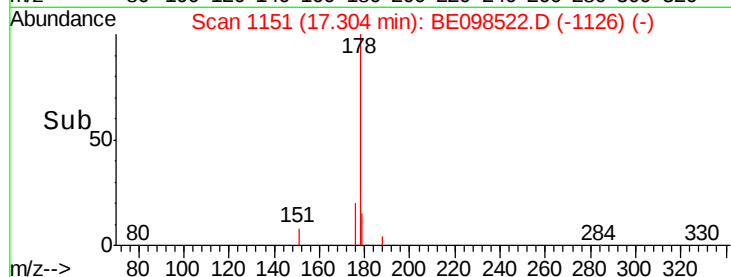
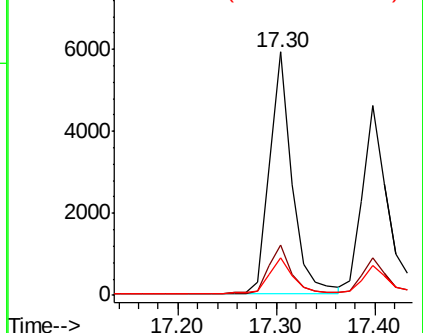
179 15.7 12.3 18.5



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: 0.360 ng

RT: 17.40 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

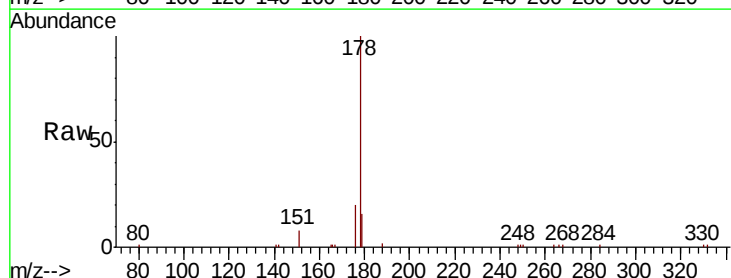
Tgt Ion:178 Resp: 7616

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

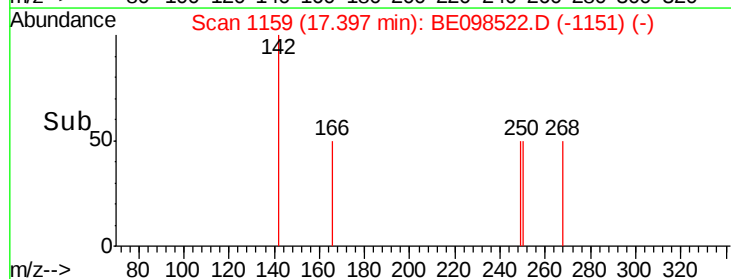
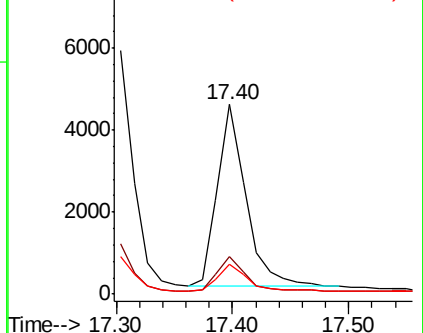
179 15.0 12.3 18.5



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





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

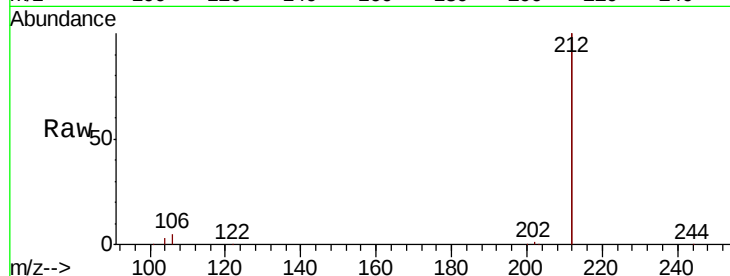
Tot Ion:212 Resp: 48404

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

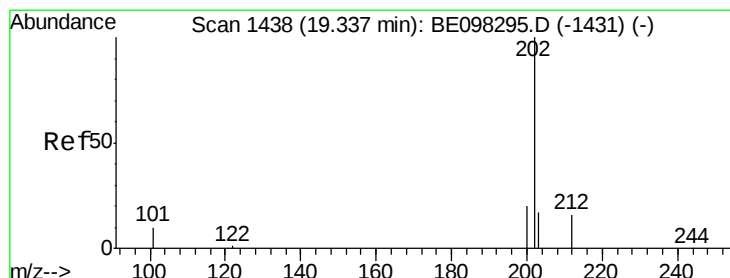
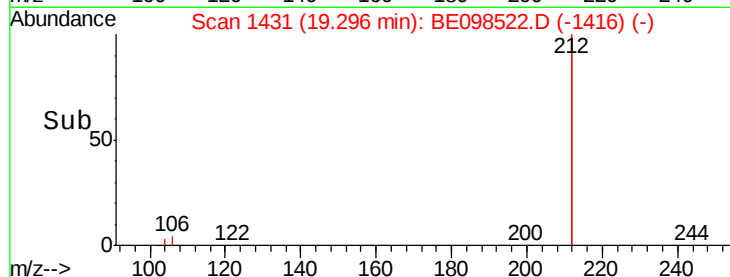
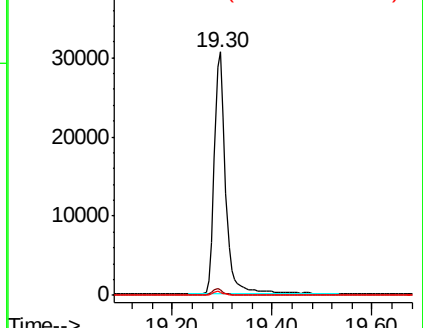
104 1.4 1.3 1.9



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: 0.381 ng

RT: 19.32 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

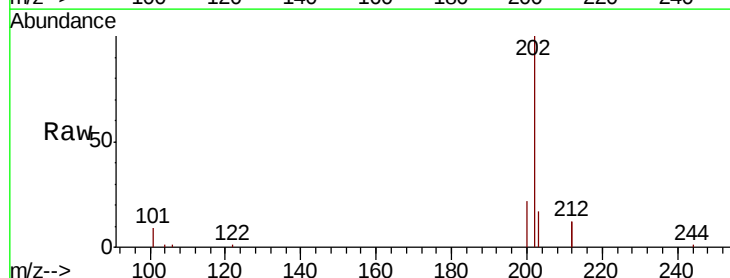
Tgt Ion:202 Resp: 11949

Ion Ratio Lower Upper

202 100

101 9.0 8.0 12.0

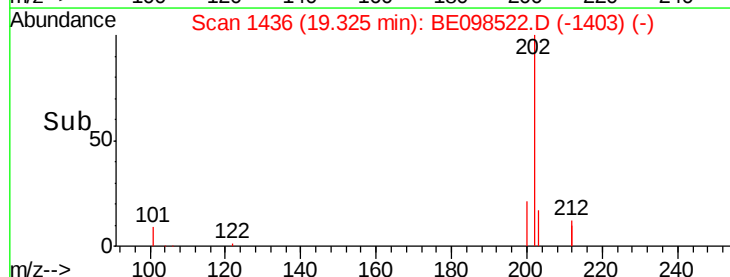
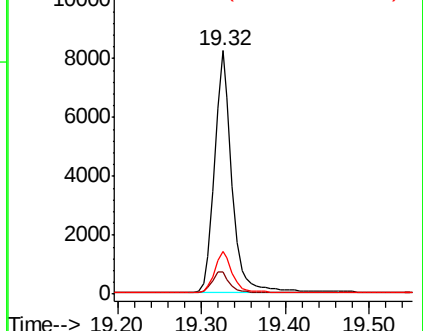
203 16.8 13.8 20.6



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

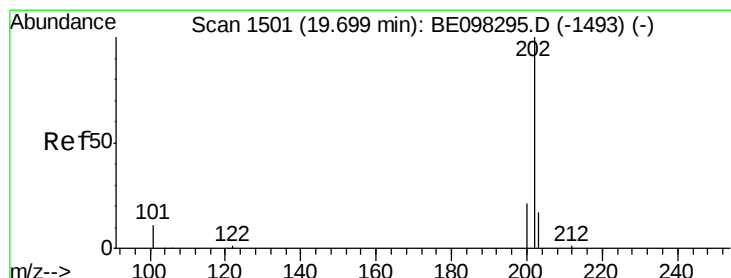
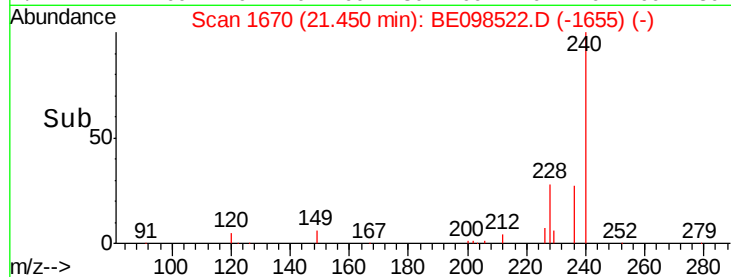
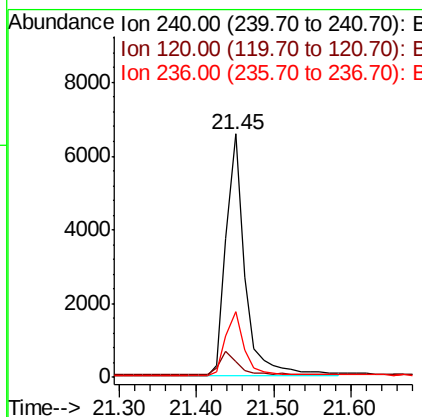
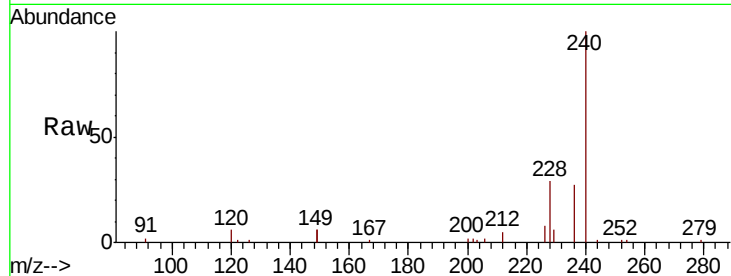




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098522.D
 Acq: 19 Dec 2018 9:41

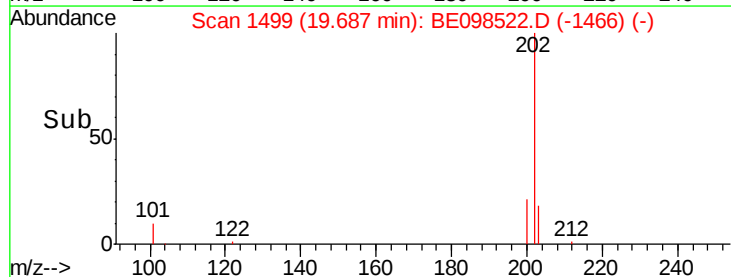
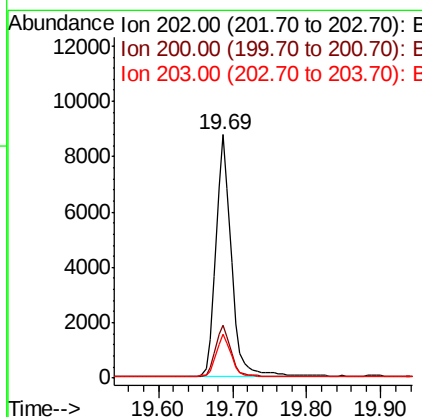
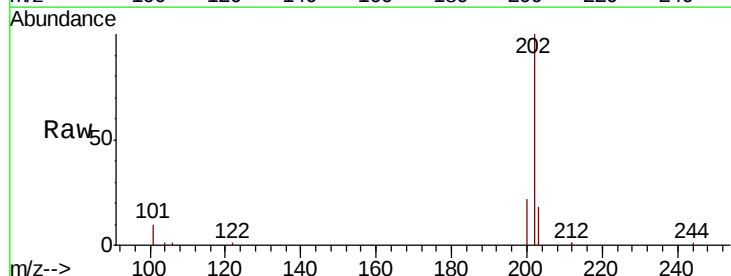
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 11176
 Ion Ratio Lower Upper
 240 100
 120 6.3 9.5 14.3#
 236 27.2 22.7 34.1



#28
 Pyrene
 Concen: 0.364 ng
 RT: 19.69 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BE098522.D
 Acq: 19 Dec 2018 9:41

Tgt Ion:202 Resp: 12749
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.7 25.1
 203 17.1 14.1 21.1





#29

Terphenyl-d14

Concen: 0.353 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

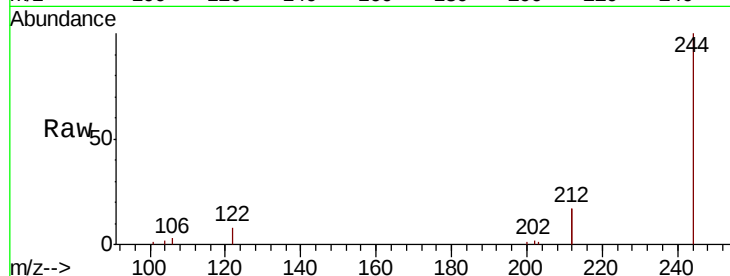
Tot Ion:244 Resp: 9577

Ion Ratio Lower Upper

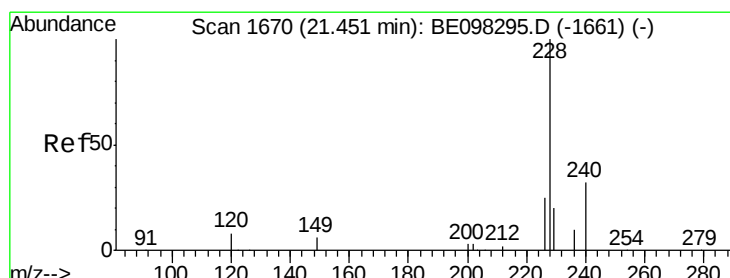
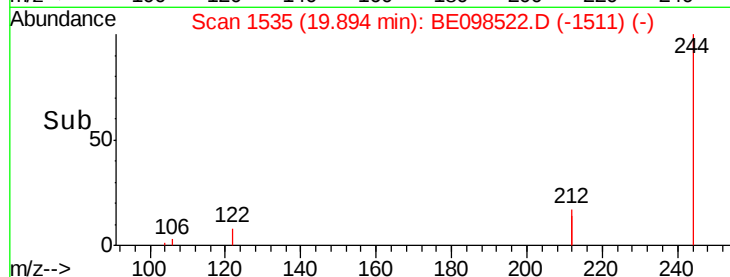
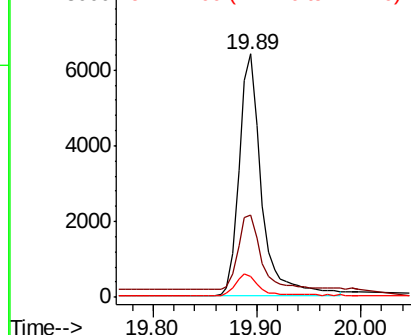
244 100

212 34.0 27.4 41.0

122 8.3 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: 0.377 ng

RT: 21.43 min Scan# 1668

Delta R.T. -0.03 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

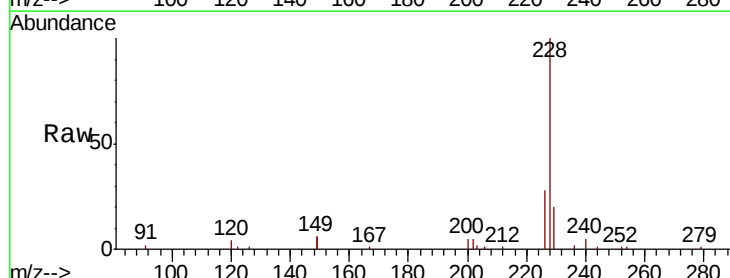
Tgt Ion:228 Resp: 11988

Ion Ratio Lower Upper

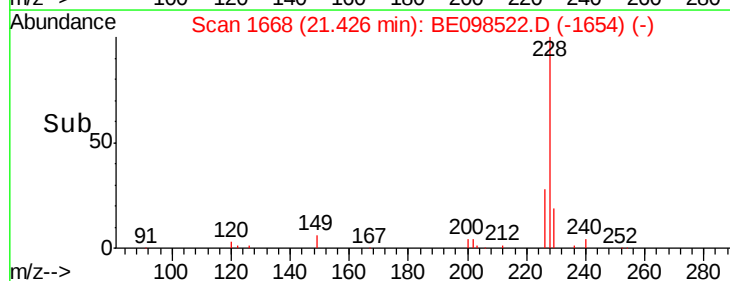
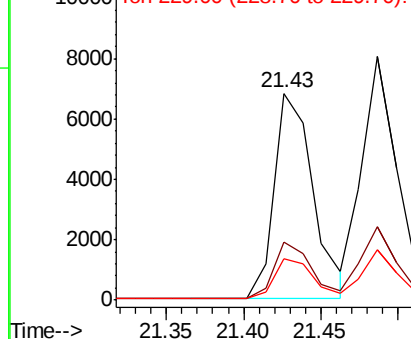
228 100

226 28.4 21.8 32.8

229 20.0 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: 0.380 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampled :

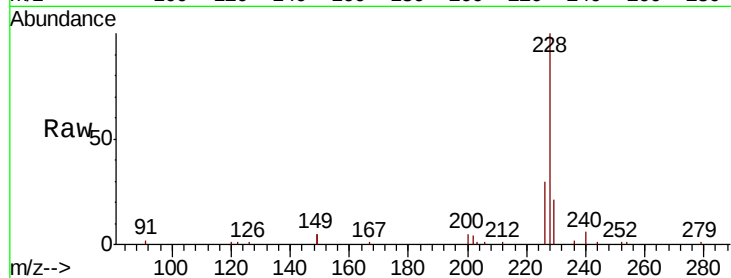
Tot Ion:228 Resp: 12681

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

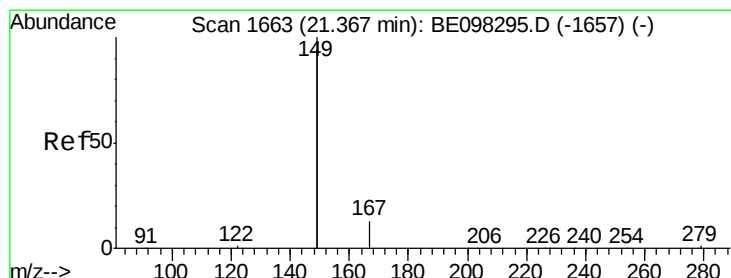
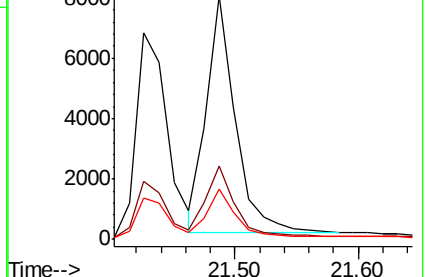
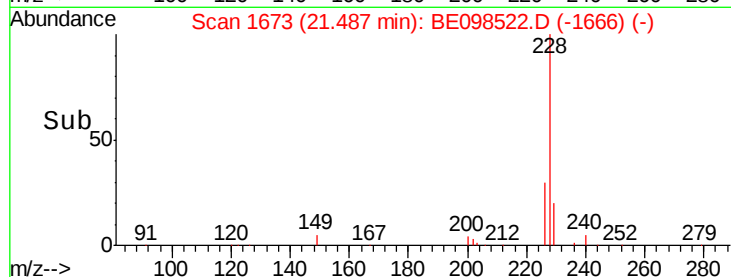
229 20.7 16.2 24.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.319 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

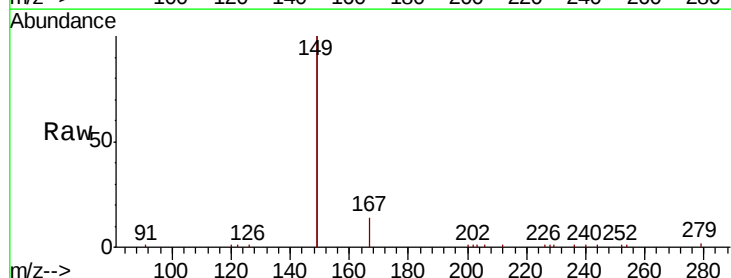
Tgt Ion:149 Resp: 20629

Ion Ratio Lower Upper

149 100

167 6.7 5.7 8.5

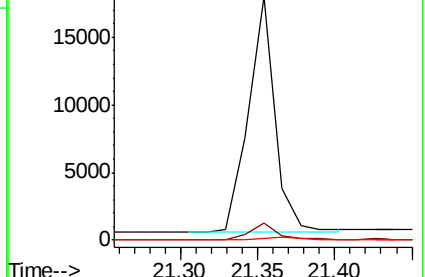
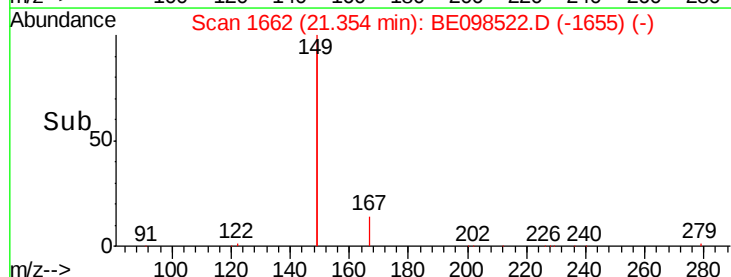
279 1.2 1.0 1.4



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

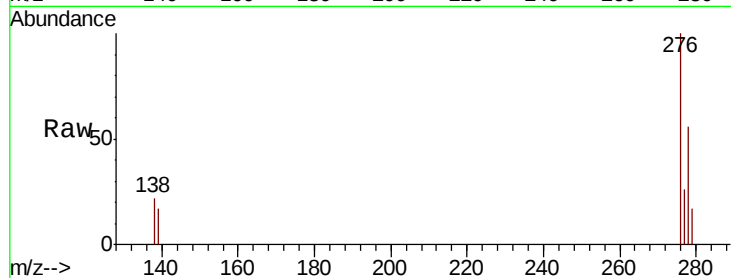




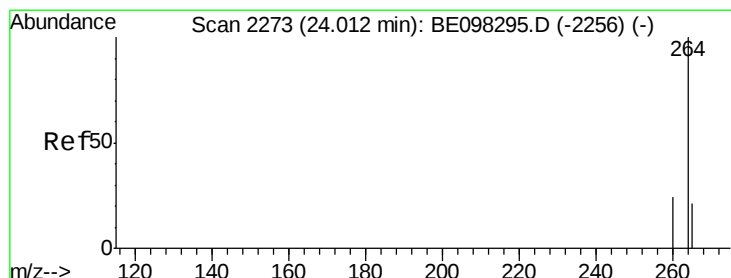
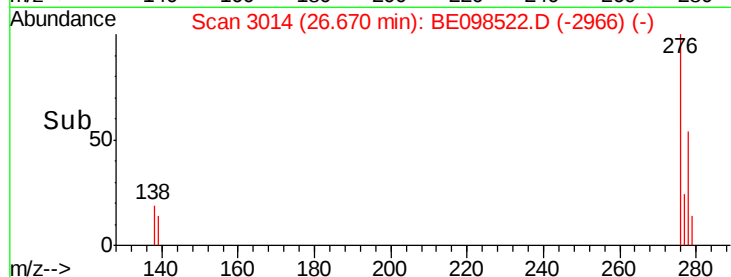
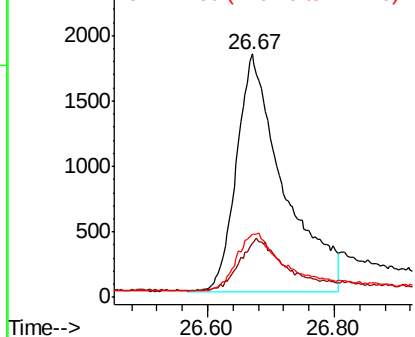
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.281 ng
 RT: 26.67 min Scan# 3014
 Delta R.T. -0.03 min
 Lab File: BE098522.D
 Acq: 19 Dec 2018 9:41

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 9322
 Ion Ratio Lower Upper
 276 100
 138 20.6 16.3 24.5
 277 24.7 20.2 30.4

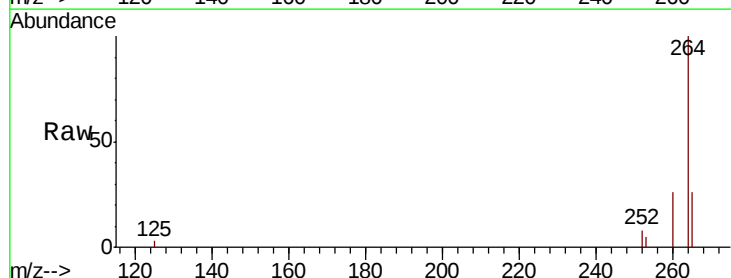


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

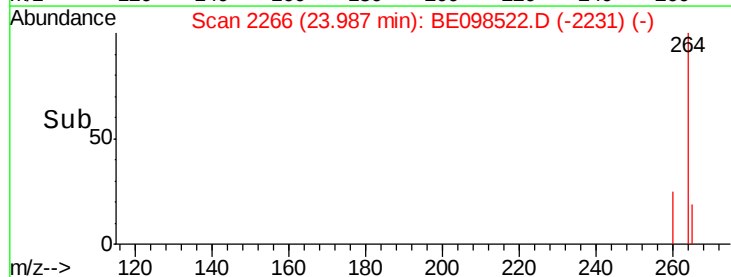
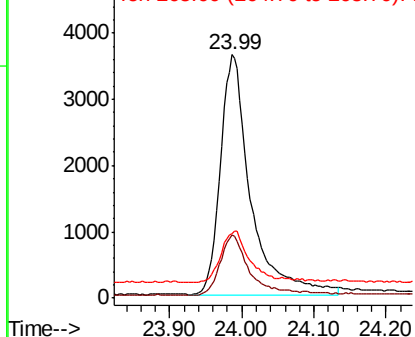


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2266
 Delta R.T. -0.03 min
 Lab File: BE098522.D
 Acq: 19 Dec 2018 9:41

Tgt Ion:264 Resp: 10496
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.2 30.2
 265 26.3 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

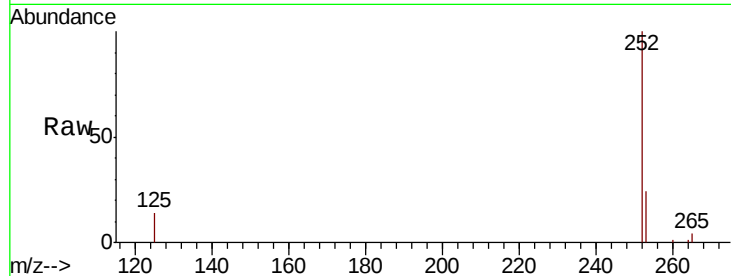




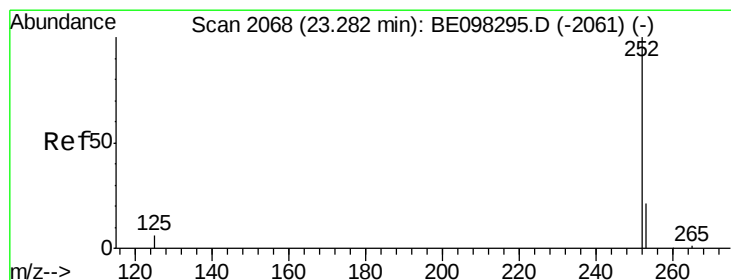
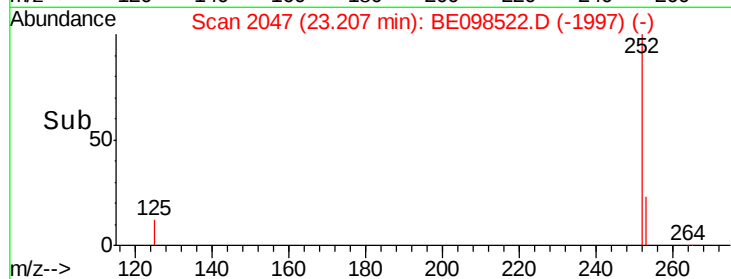
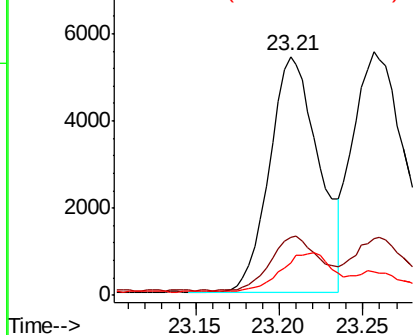
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.21 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 11093
Ion Ratio Lower Upper
252 100
253 24.4 20.0 30.0
125 13.8 9.6 14.4

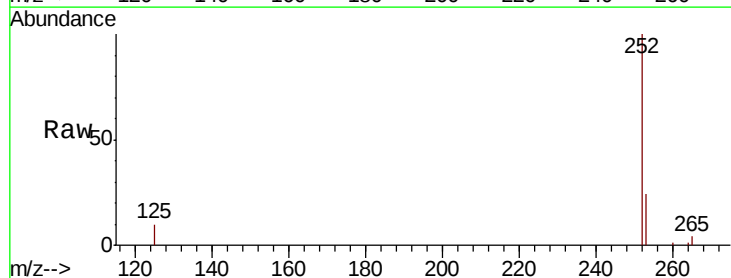


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

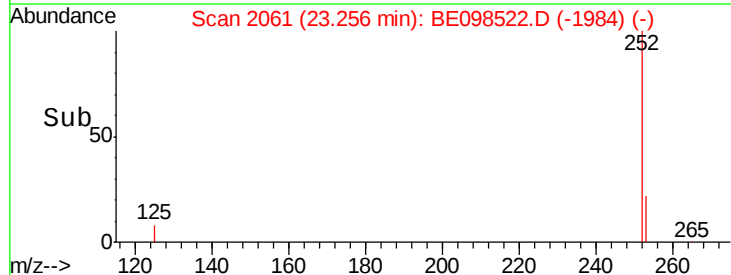
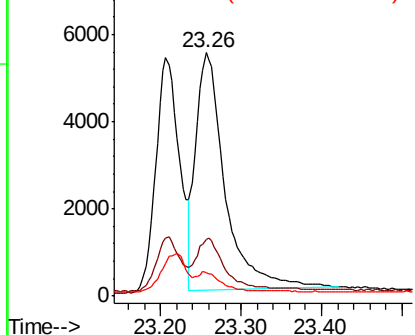


#36
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.03 min
Lab File: BE098522.D
Acq: 19 Dec 2018 9:41

Tgt Ion:252 Resp: 13813
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.6
125 9.7 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: 0.390 ng

RT: 23.88 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :

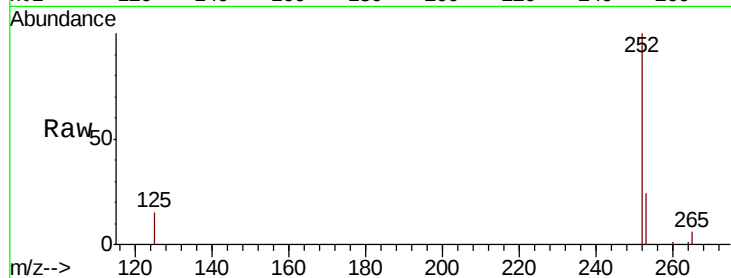
Tot Ion:252 Resp: 11558

Ion Ratio Lower Upper

252 100

253 24.5 20.6 30.8

125 15.1 10.5 15.7

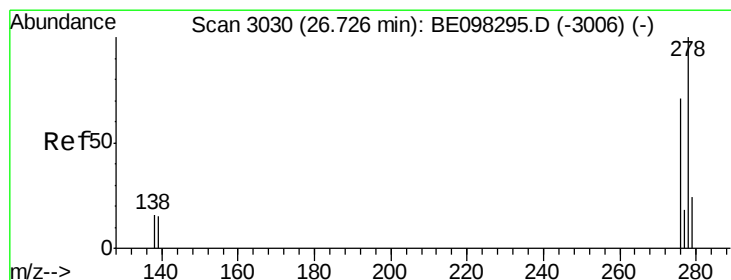
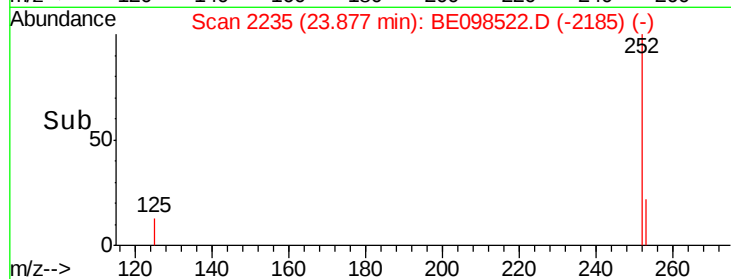
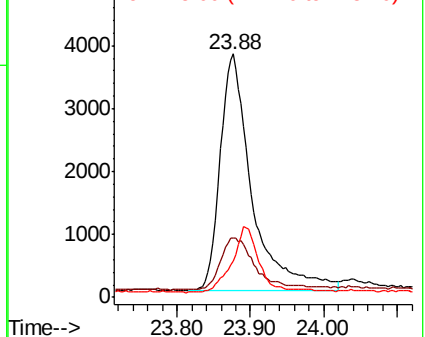


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.288 ng

RT: 26.69 min Scan# 3020

Delta R.T. -0.03 min

Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

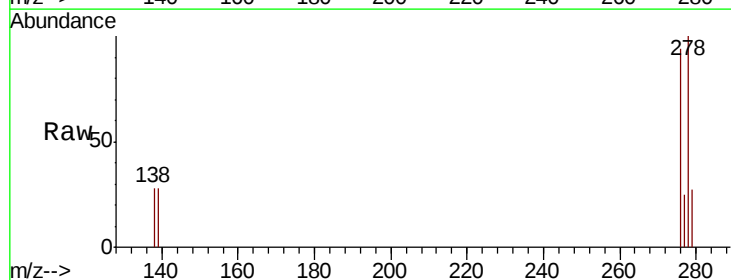
Tgt Ion:278 Resp: 8037

Ion Ratio Lower Upper

278 100

139 28.4 14.5 21.7#

279 26.7 21.8 32.8

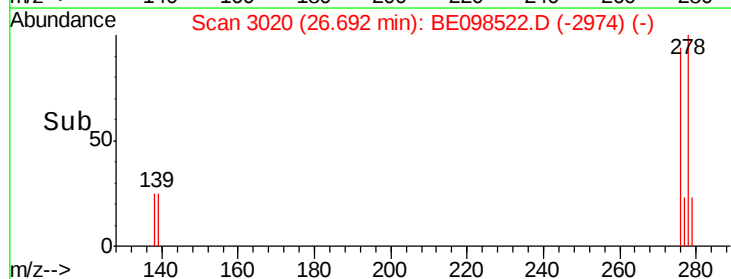
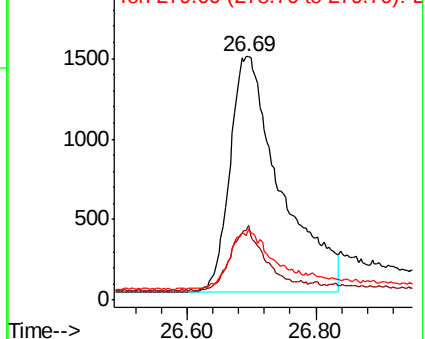


Abundance

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: 0.263 ng

RT: 27.49 min Scan# 3244

Delta R.T. -0.03 min

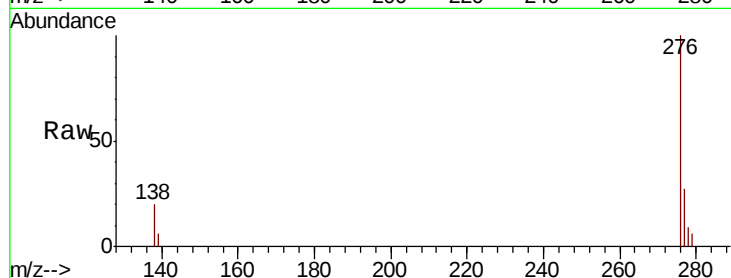
Lab File: BE098522.D

Acq: 19 Dec 2018 9:41

Instrument :

BNA_E

ClientSampleId :



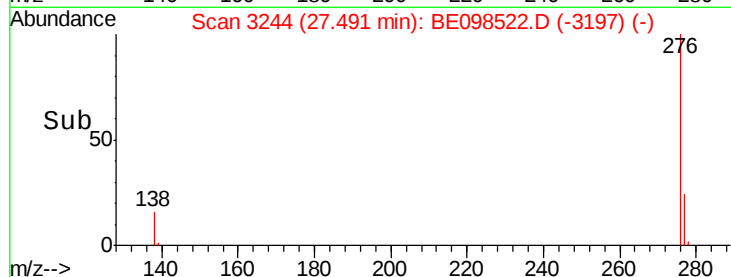
Tot Ion: 276 Resp: 7396

Ion Ratio Lower Upper

276 100

277 26.7 20.8 31.2

138 20.0 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

