

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
 Data File : BE098234.D
 Acq On : 16 Nov 2018 17:52
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Nov 16 18:24:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 17:10:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1386	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6847	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4395	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9936	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11337	0.40	ng	0.00
34) Perylene-d12	24.02	264	10281	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	5733	1.47	ng	0.00
5) Phenol-d6	7.03	99	9469	1.51	ng	0.00
8) Nitrobenzene-d5	9.02	82	10278	1.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	18569	1.55	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	2630	1.37	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	27121	1.47	ng	0.00
25) Fluoranthene-d10	19.31	212	193870	1.56	ng	0.00
29) Terphenyl-d14	19.91	244	38925	1.51	ng	0.00

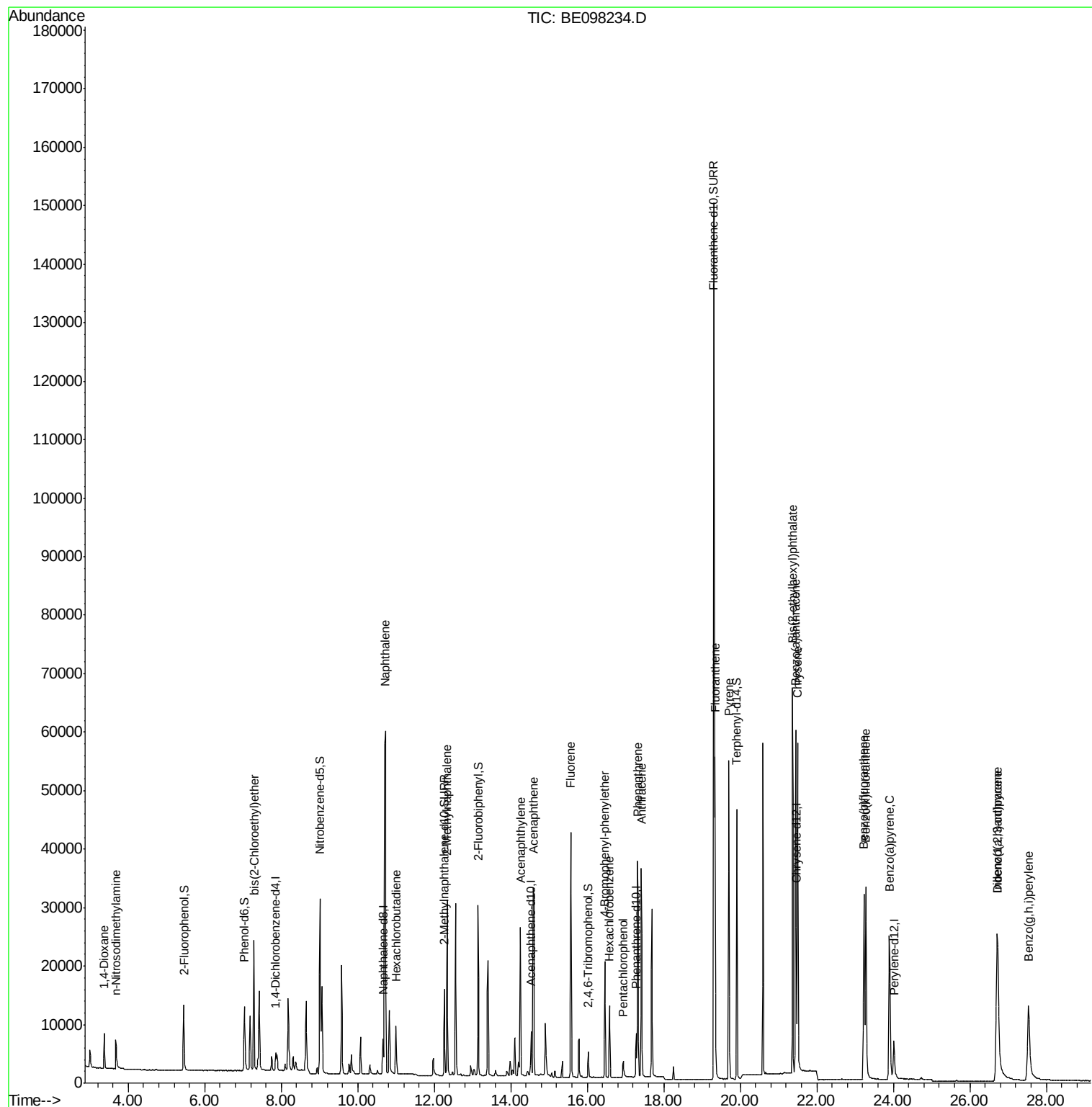
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	3216	1.428	ng	93
3) n-Nitrosodimethylamine	3.68	42	4058	1.492	ng	# 83
6) bis(2-Chloroethyl)ether	7.29	93	7780	1.534	ng	97
9) Naphthalene	10.72	128	106688	1.532	ng	99
10) Hexachlorobutadiene	11.01	225	6127	1.415	ng	99
12) 2-Methylnaphthalene	12.34	142	19445	1.610	ng	93
16) Acenaphthylene	14.26	152	33033	1.640	ng	99
17) Acenaphthene	14.60	154	19557	1.589	ng	100
18) Fluorene	15.57	166	25172	1.598	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	9783	1.616	ng	94
21) Hexachlorobenzene	16.58	284	9871	1.568	ng	98
22) Pentachlorophenol	16.94	266	1911	1.746	ng	94
23) Phenanthrene	17.31	178	40238	1.626	ng	100
24) Anthracene	17.41	178	37927	1.645	ng	99
26) Fluoranthene	19.34	202	49075	1.601	ng	98
28) Pyrene	19.70	202	50215	1.610	ng	100
30) Benzo(a)anthracene	21.45	228	50827	1.578	ng	100
31) Chrysene	21.50	228	52593	1.608	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	81457	1.218	ng	100
33) Indeno(1,2,3-cd)pyrene	26.70	276	48230	1.608	ng	# 90
35) Benzo(b)fluoranthene	23.23	252	47055	1.613	ng	95
36) Benzo(k)fluoranthene	23.28	252	51391	1.670	ng	98
37) Benzo(a)pyrene	23.90	252	45539	1.628	ng	98
38) Dibenzo(a,h)anthracene	26.73	278	39371	1.652	ng	# 91
39) Benzo(g,h,i)perylene	27.53	276	40556	1.630	ng	96

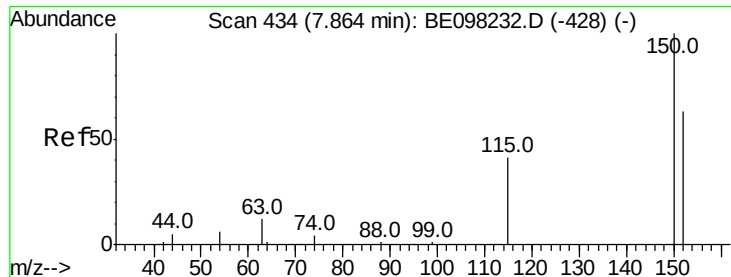
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 16 17:10:30 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

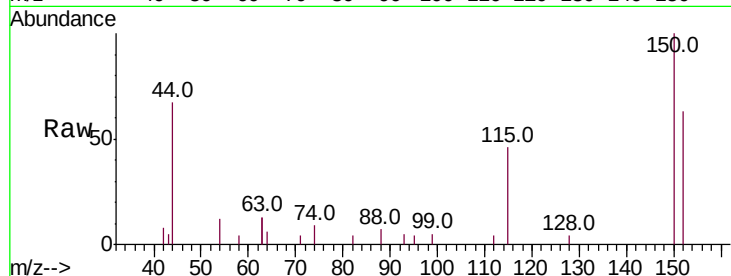
Tot Ion:152 Resp: 1386

Ion Ratio Lower Upper

152 100

150 159.7 127.5 191.3

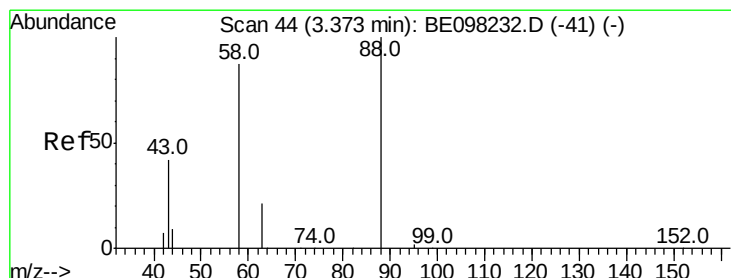
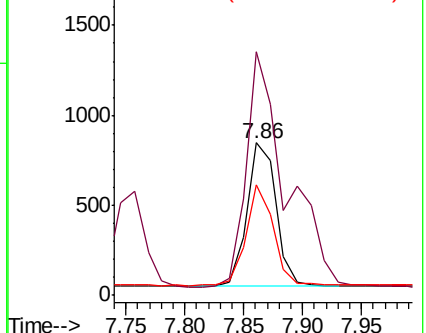
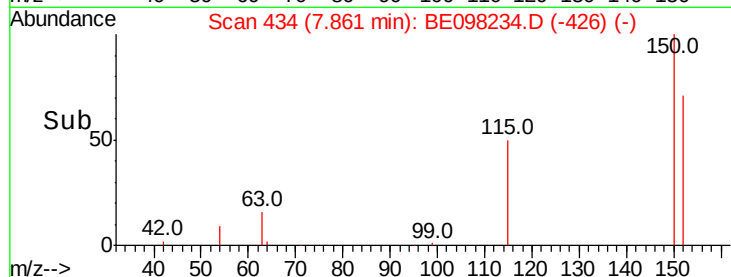
115 72.8 60.3 90.5



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: 1.428 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

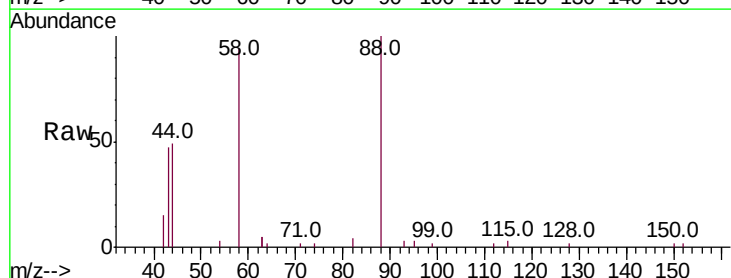
Tgt Ion: 88 Resp: 3216

Ion Ratio Lower Upper

88 100

58 91.9 79.0 118.4

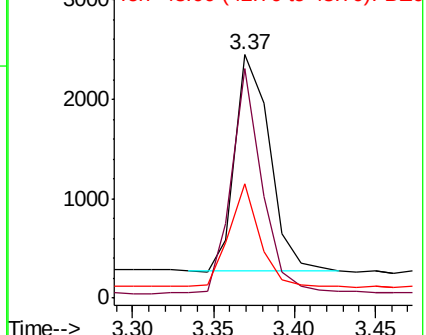
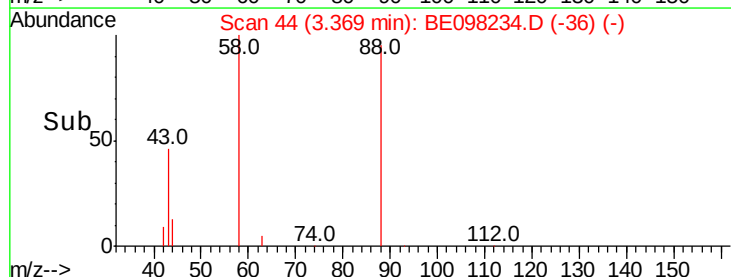
43 42.4 38.1 57.1

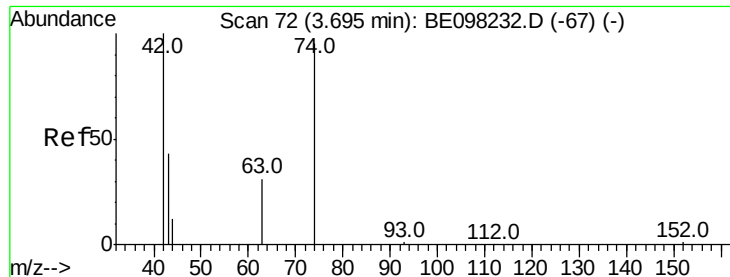


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.492 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

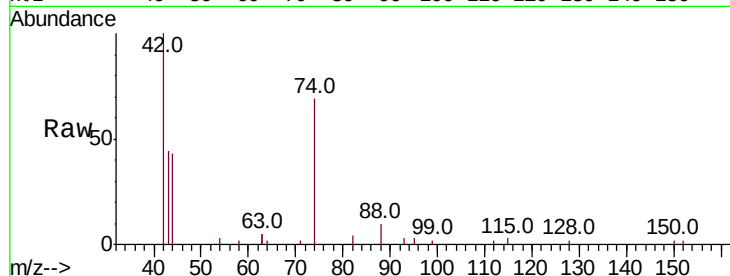
Tot Ion: 42 Resp: 4058

Ion Ratio Lower Upper

42 100

74 90.0 61.7 92.5

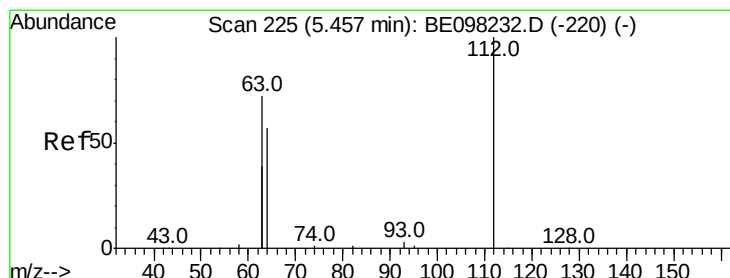
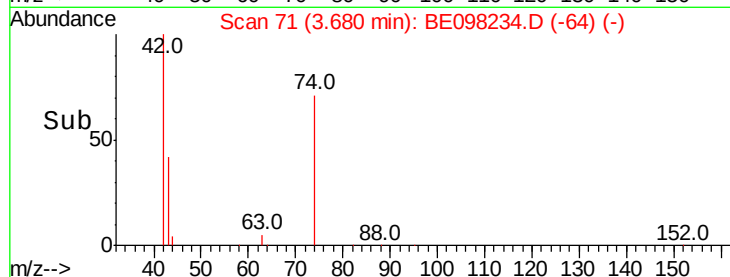
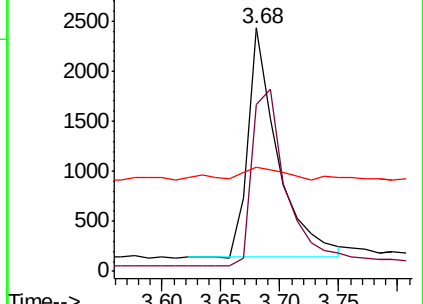
44 6.6 14.0 21.0#



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: 1.465 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

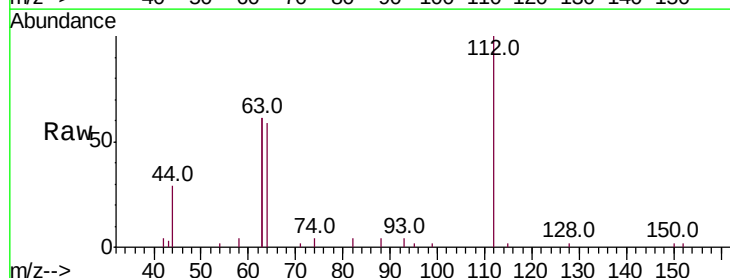
Tgt Ion: 112 Resp: 5733

Ion Ratio Lower Upper

112 100

64 77.6 61.7 92.5

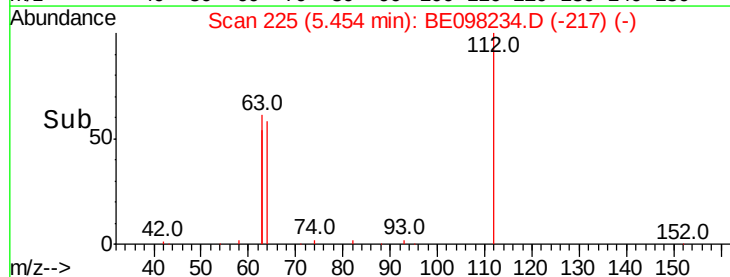
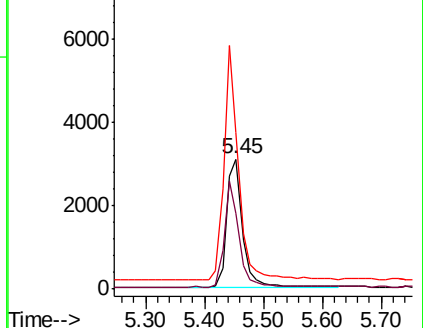
63 165.7 136.2 204.2

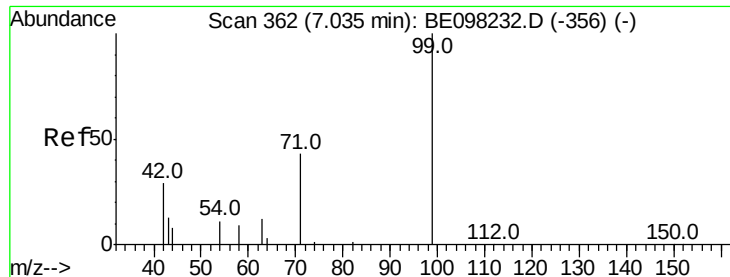


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.506 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

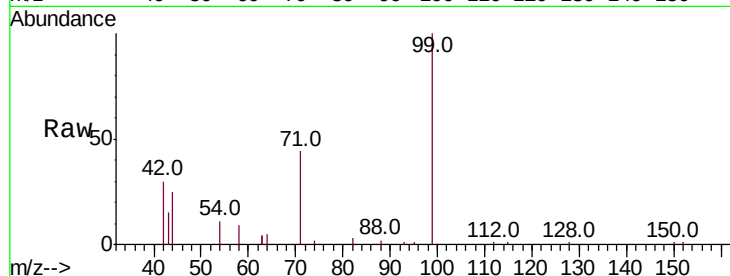
Tot Ion: 99 Resp: 9469

Ion Ratio Lower Upper

99 100

42 29.3 27.1 40.7

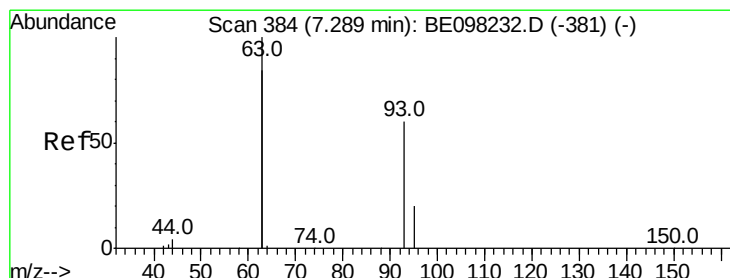
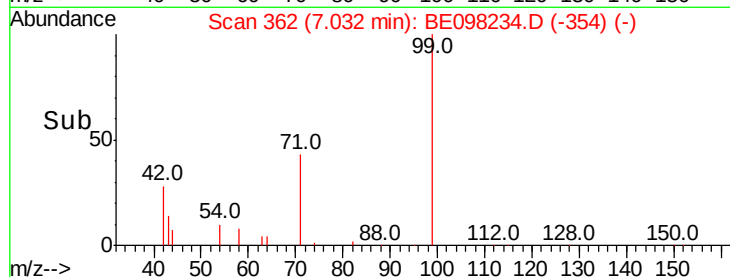
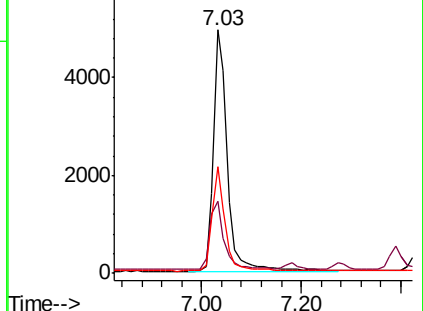
71 41.1 37.0 55.6



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: 1.534 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

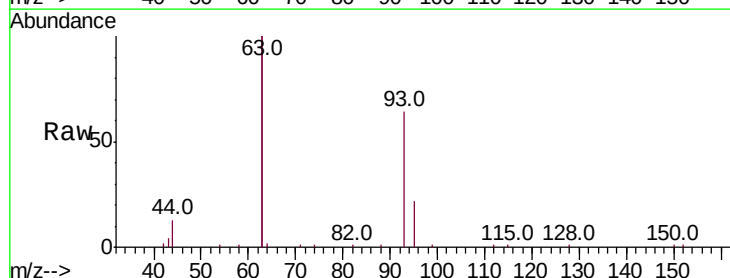
Tgt Ion: 93 Resp: 7780

Ion Ratio Lower Upper

93 100

63 346.2 272.6 409.0

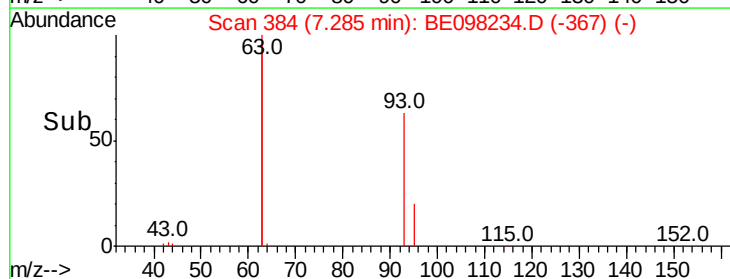
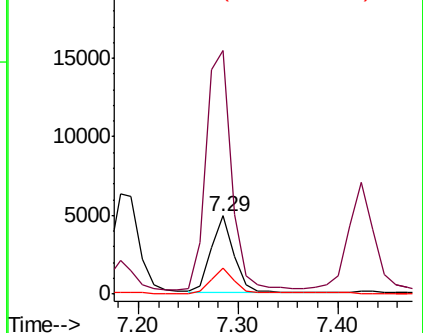
95 32.0 27.1 40.7

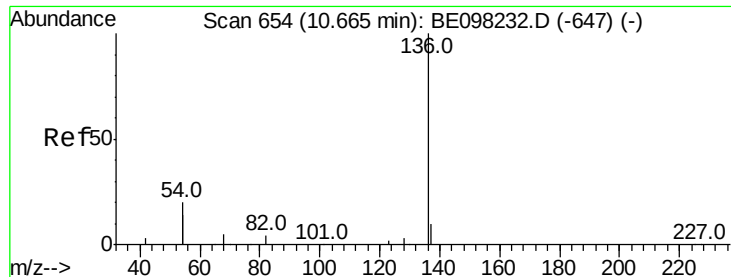


Abundance Ion 93.00 (92.70 to 93.70): BE0

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# 655

Delta R.T. 0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 6847

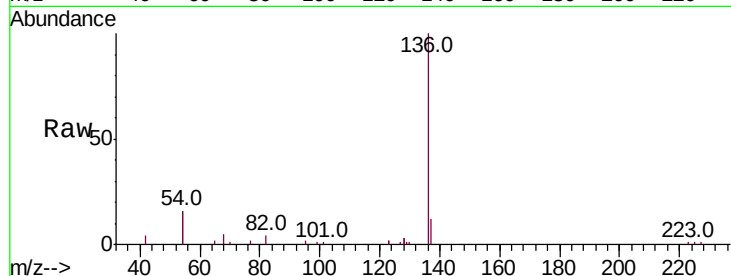
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 31.6 31.3 46.9

68 5.4 4.8 7.2

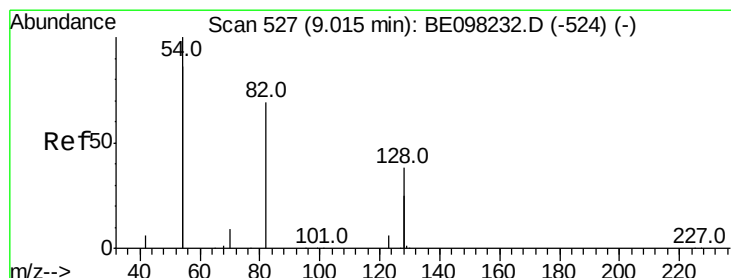
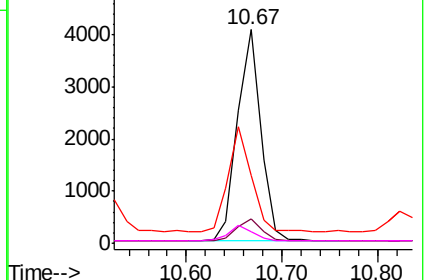
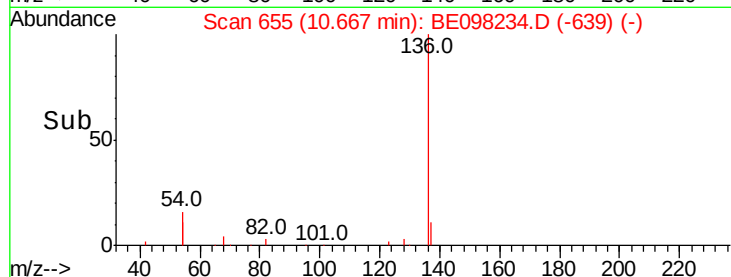


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.504 ng

RT: 9.02 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

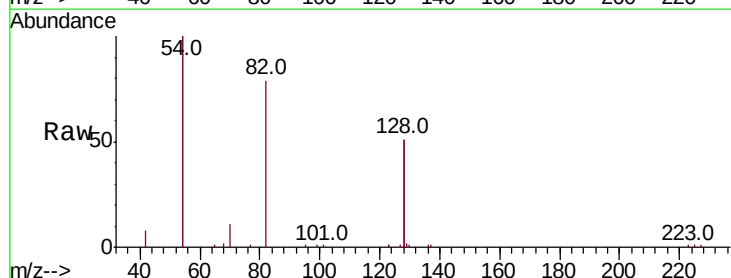
Tgt Ion: 82 Resp: 10278

Ion Ratio Lower Upper

82 100

128 128.7 96.1 144.1

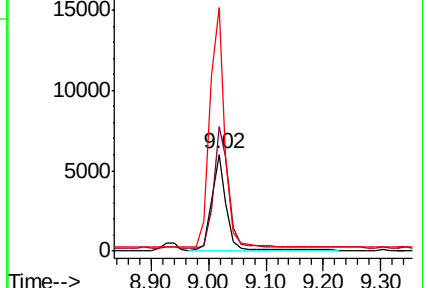
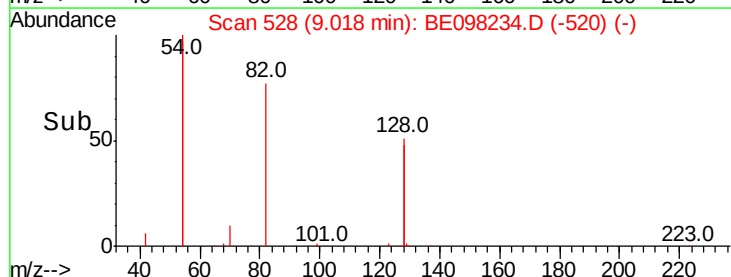
54 252.3 232.0 348.0

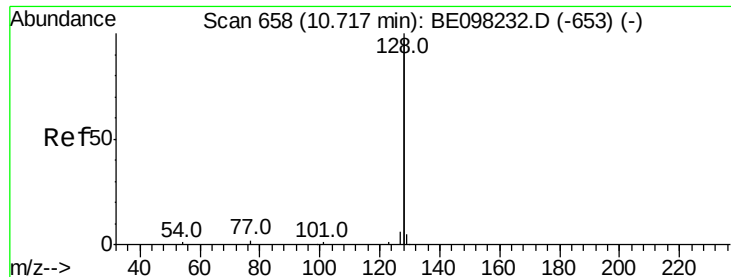


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.532 ng

RT: 10.72 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

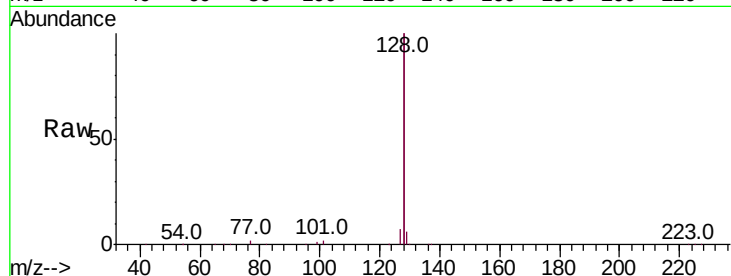
Tot Ion:128 Resp: 106688

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

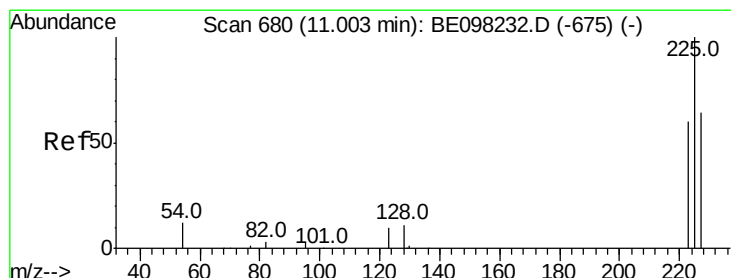
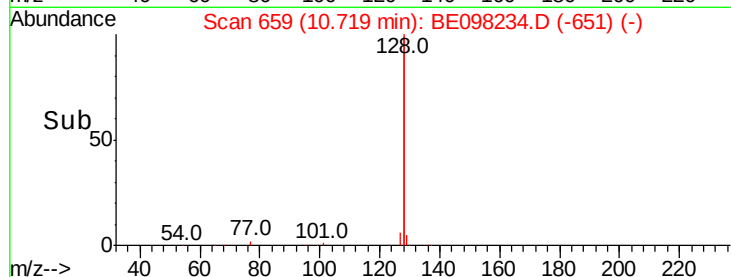
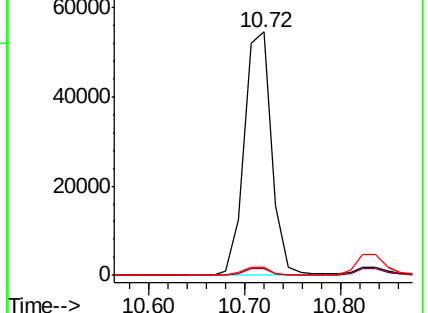
127 3.3 2.8 4.2



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: 1.415 ng

RT: 11.01 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

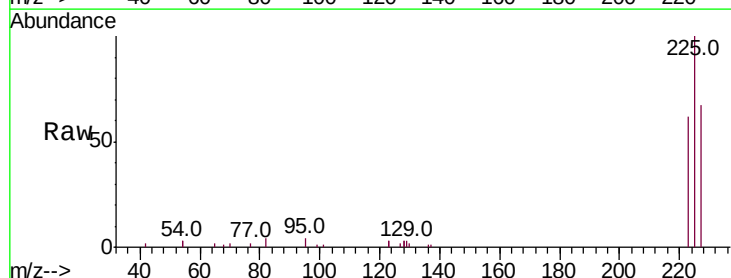
Tgt Ion:225 Resp: 6127

Ion Ratio Lower Upper

225 100

223 62.6 50.5 75.7

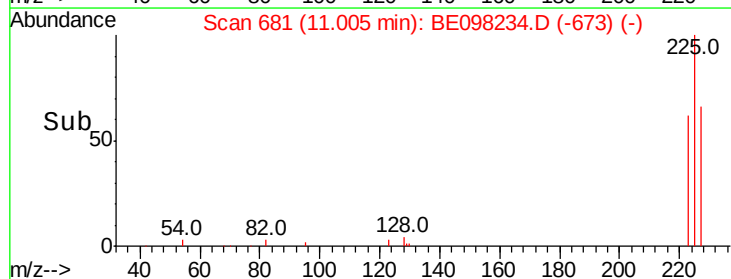
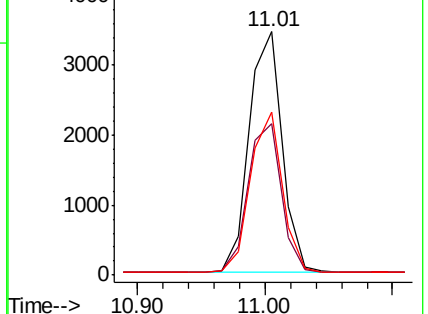
227 64.4 50.3 75.5

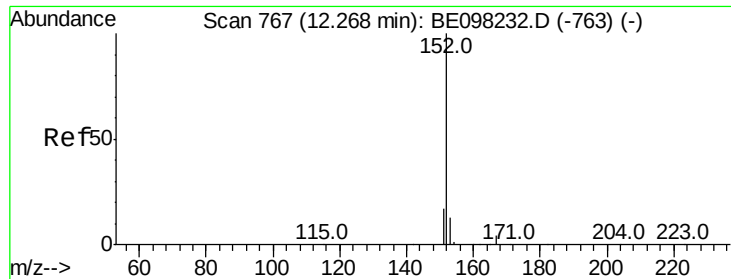


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

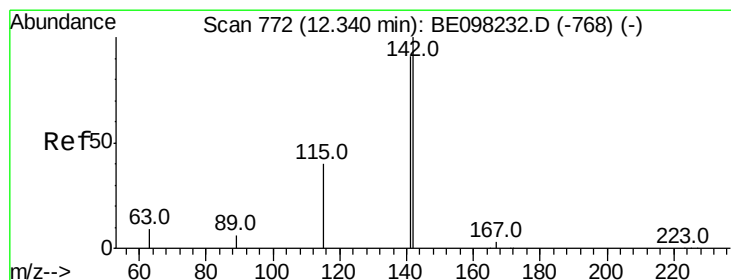
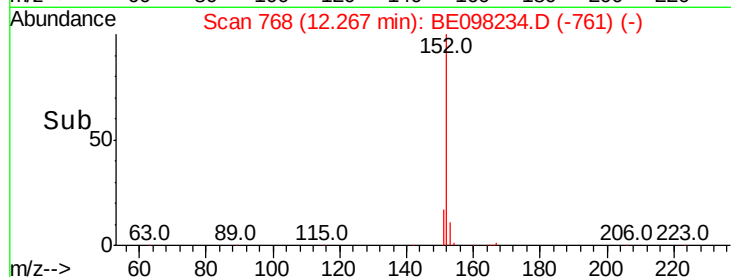
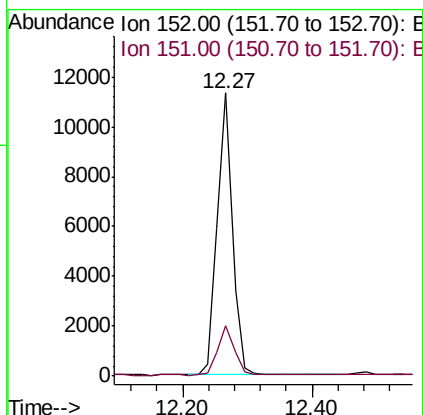
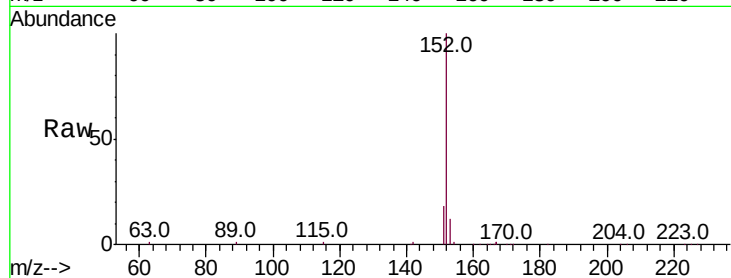




#11
2-Methylnaphthalene-d10
Concen: 1.546 ng
RT: 12.27 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

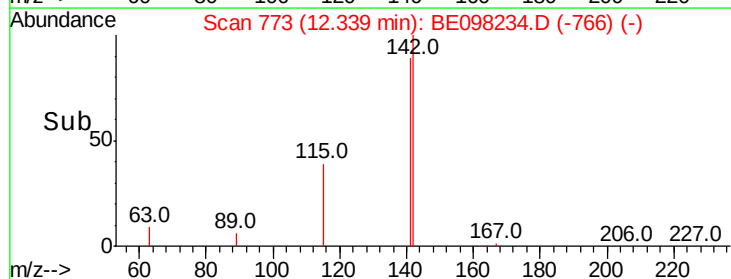
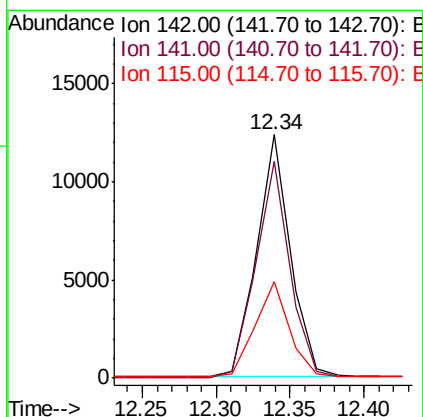
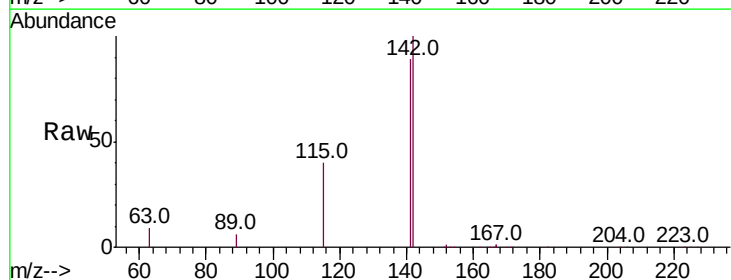
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

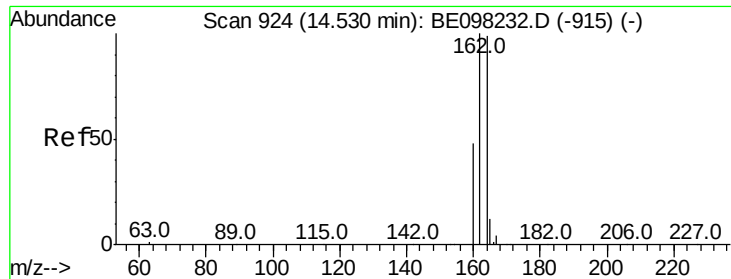
Tot Ion:152 Resp: 18569
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.2



#12
2-Methylnaphthalene
Concen: 1.610 ng
RT: 12.34 min Scan# 773
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion:142 Resp: 19445
Ion Ratio Lower Upper
142 100
141 89.1 76.3 114.5
115 39.7 35.8 53.8

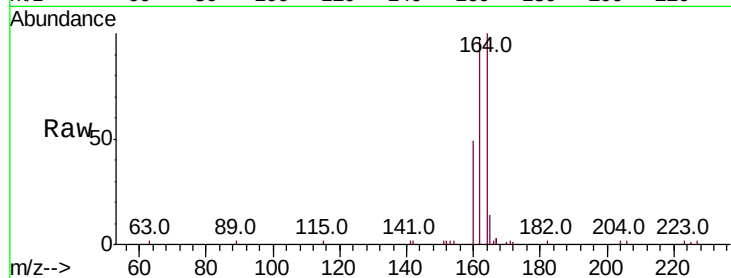




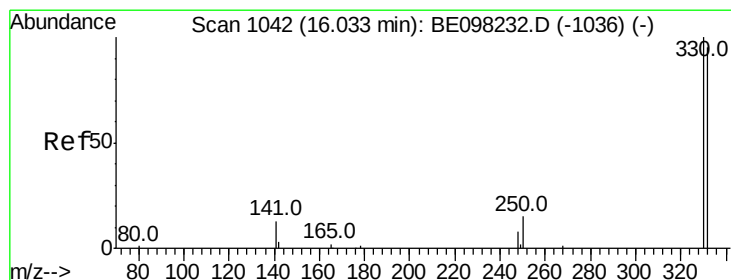
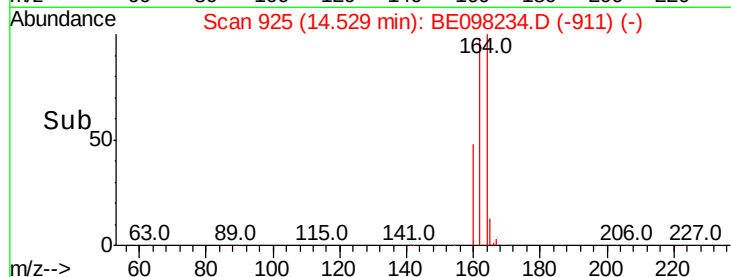
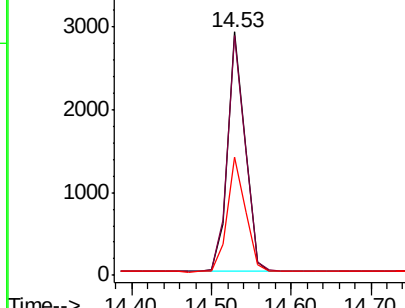
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BE098234.D
 Acq: 16 Nov 2018 17:52

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tot Ion:164 Resp: 4395
 Ion Ratio Lower Upper
 164 100
 162 98.5 81.8 122.6
 160 48.8 39.4 59.0

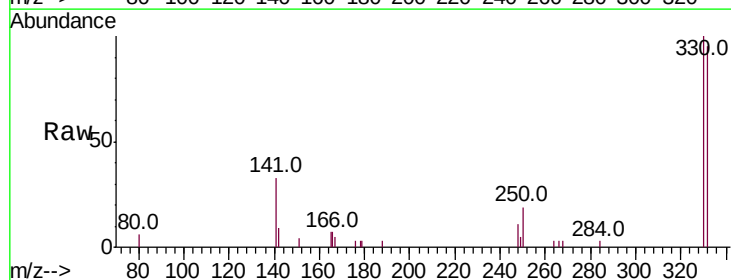


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

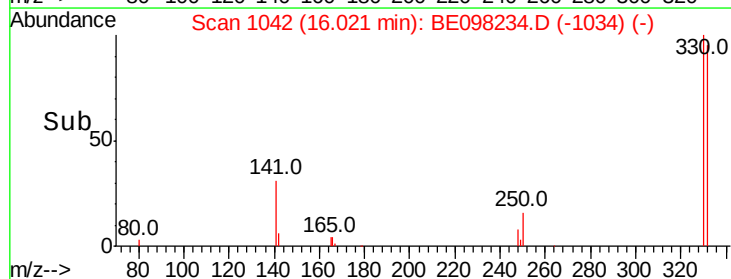
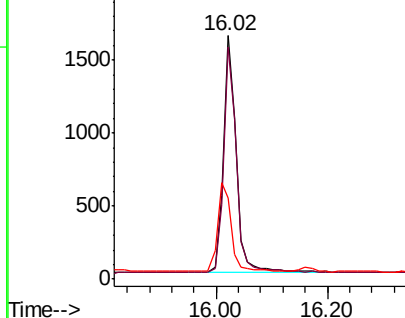


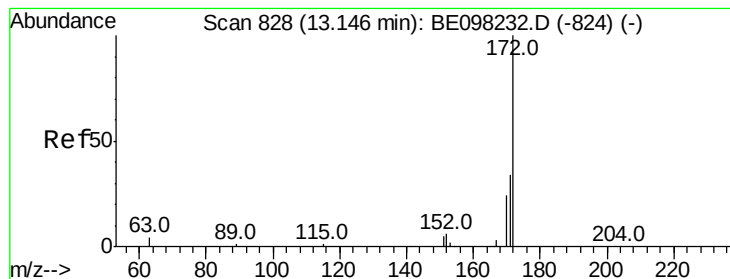
#14
 2,4,6-Tribromophenol
 Concen: 1.372 ng
 RT: 16.02 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE098234.D
 Acq: 16 Nov 2018 17:52

Tgt Ion:330 Resp: 2630
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.7 116.5
 141 38.8 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: 1.474 ng

RT: 13.15 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

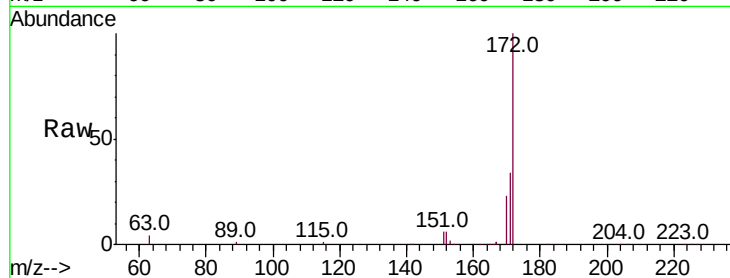
Tot Ion:172 Resp: 27121

Ion Ratio Lower Upper

172 100

171 33.6 27.3 40.9

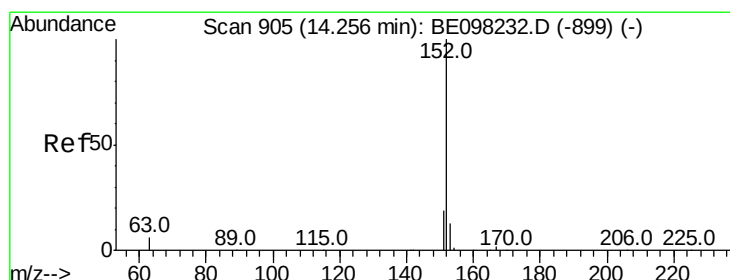
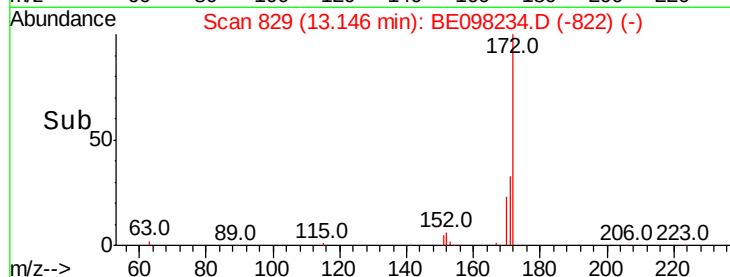
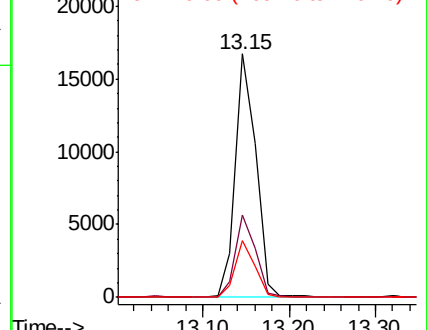
170 23.2 19.4 29.0



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: 1.640 ng

RT: 14.26 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

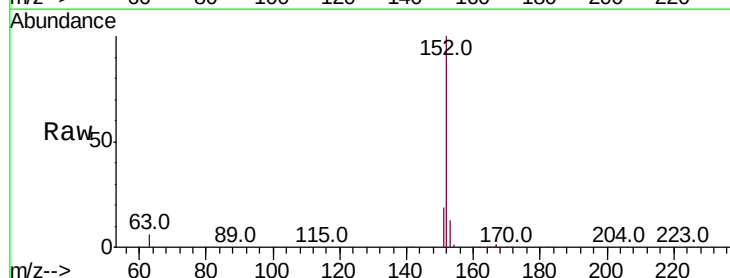
Tgt Ion:152 Resp: 33033

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

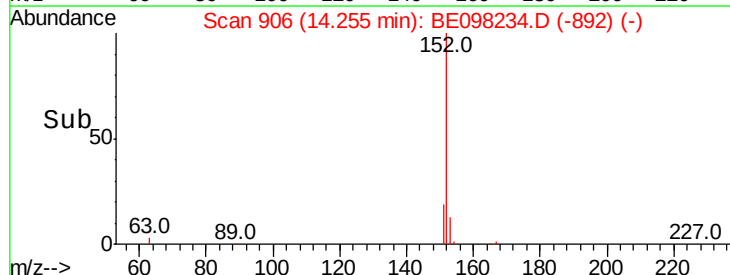
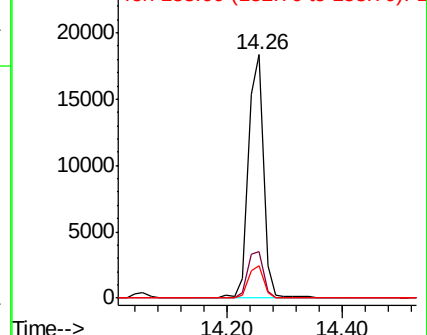
153 12.9 10.6 15.8

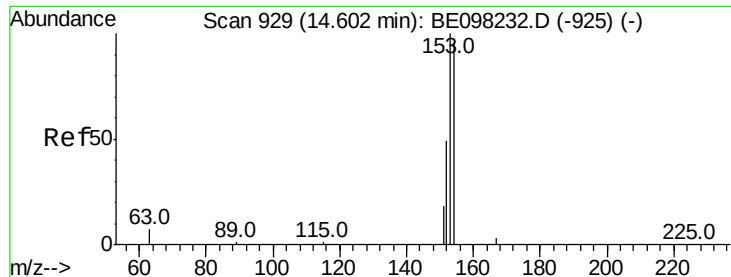


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.589 ng

RT: 14.60 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

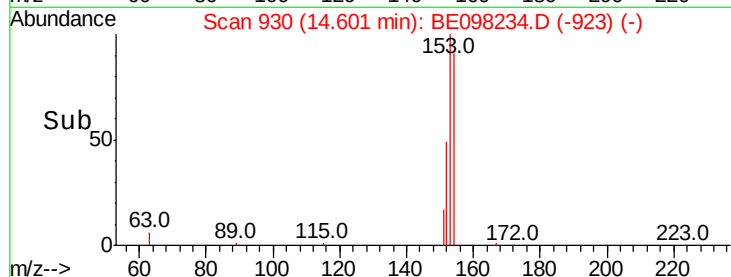
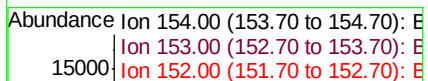
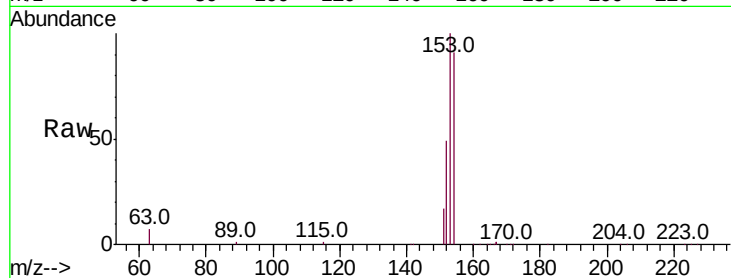
BNA_E

ClientSampleId :

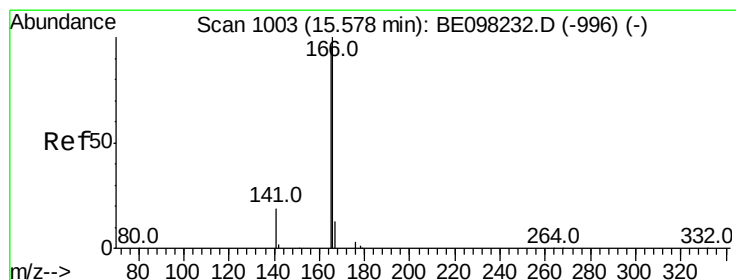
SSTDICC1.6

Tot Ion:154 Resp: 19557

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.1	138.1
152	57.8	46.2	69.2



Time-->



#18

Fluorene

Concen: 1.598 ng

RT: 15.57 min Scan# 1003

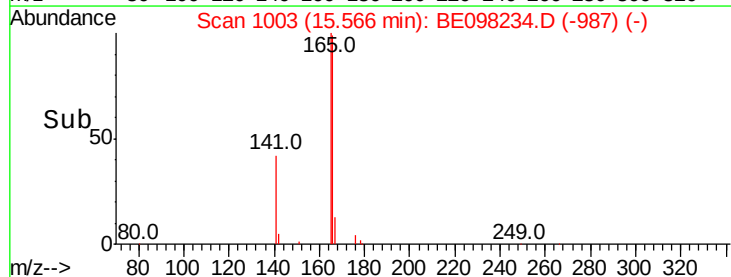
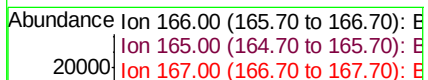
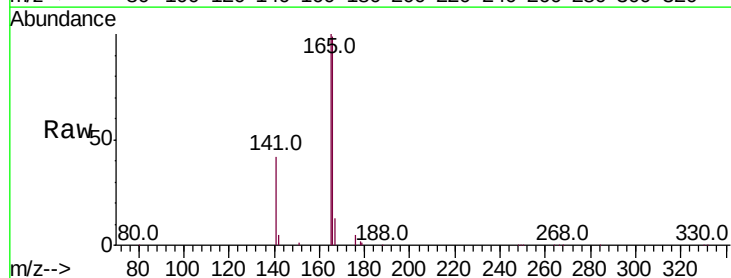
Delta R.T. -0.01 min

Lab File: BE098234.D

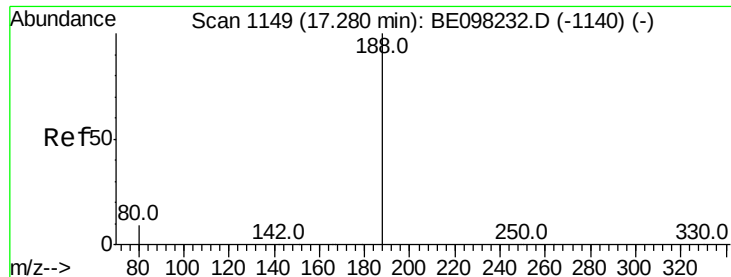
Acq: 16 Nov 2018 17:52

Tgt Ion:166 Resp: 25172

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.1	120.1
167	13.4	10.8	16.2



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

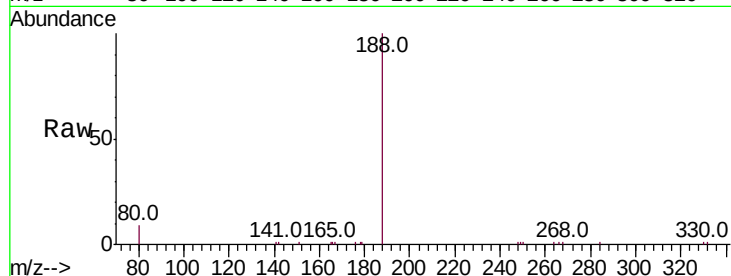
Tot Ion:188 Resp: 9936

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

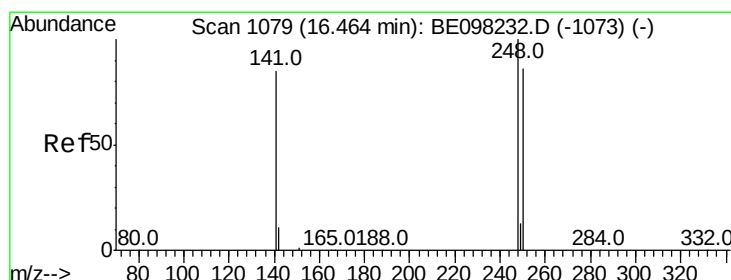
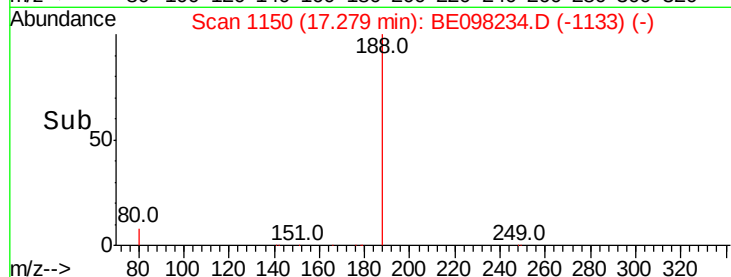
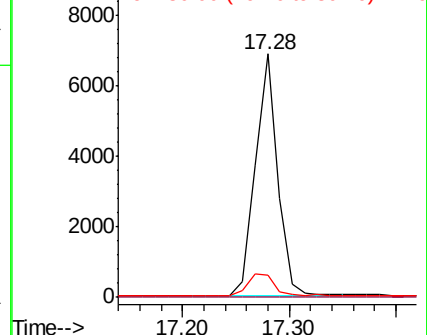
80 9.1 6.7 10.1



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: 1.616 ng

RT: 16.46 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

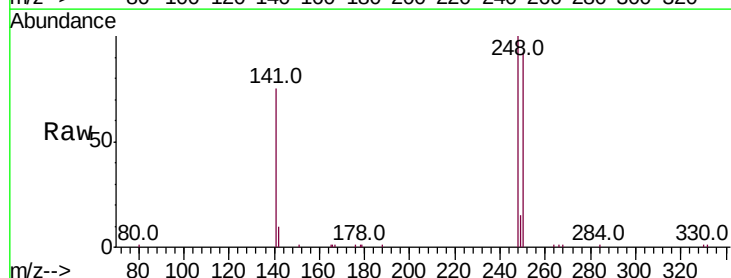
Tgt Ion:248 Resp: 9783

Ion Ratio Lower Upper

248 100

250 92.5 77.6 116.4

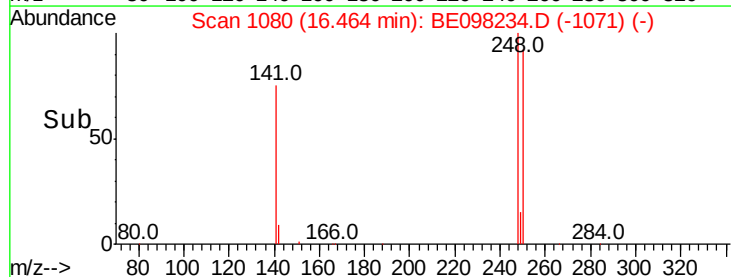
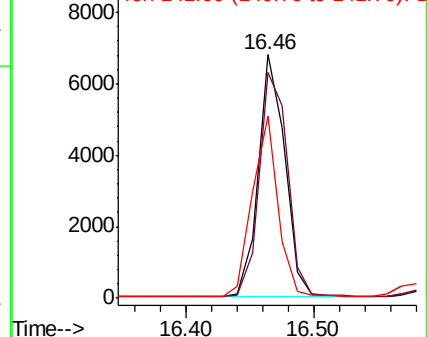
141 75.0 65.8 98.8

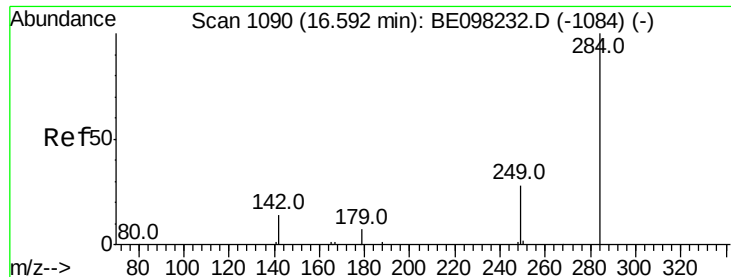


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

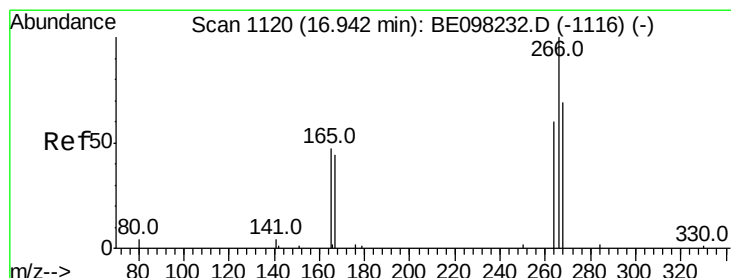
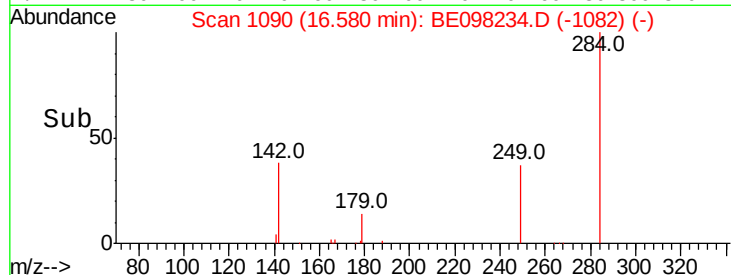
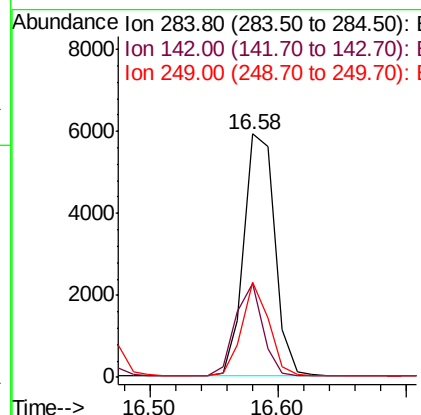
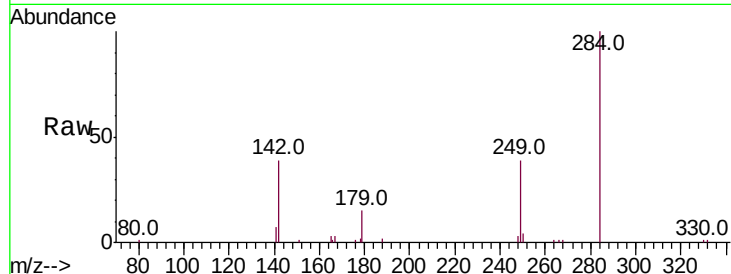




#21
Hexachlorobenzene
Concen: 1.568 ng
RT: 16.58 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

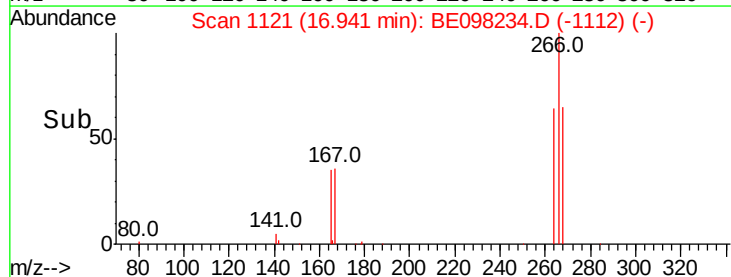
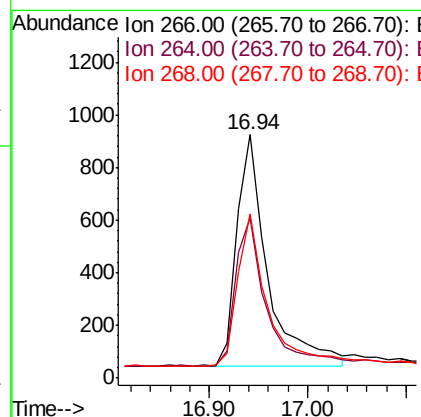
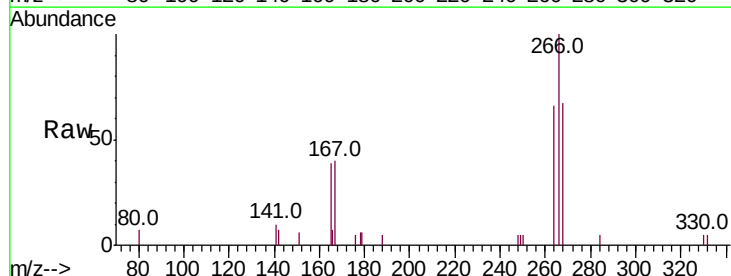
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

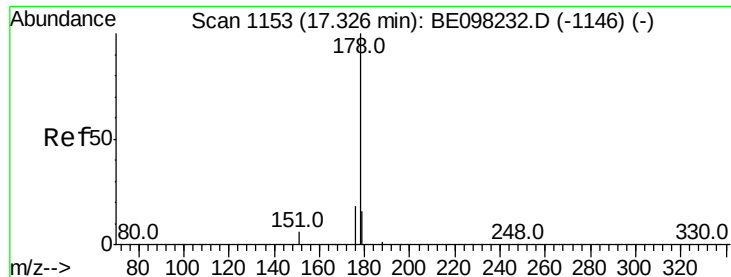
Tot	Ion:284	Resp:	9871
Ion	Ratio	Lower	Upper
284	100		
142	33.6	26.5	39.7
249	33.3	28.4	42.6



#22
Pentachlorophenol
Concen: 1.746 ng
RT: 16.94 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE098234.D
Acq: 16 Nov 2018 17:52

Tgt Ion	266	Resp: Lower	1911 Upper
	Ratio		
266	100		
264	66.1	57.6	86.4
268	67.2	56.8	85.2





#23

Phenanthrene

Concen: 1.626 ng

RT: 17.31 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

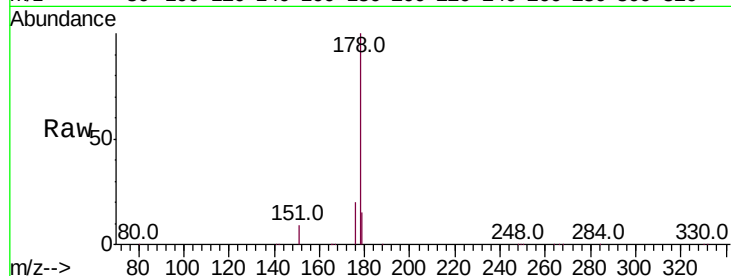
Tot Ion:178 Resp: 40238

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

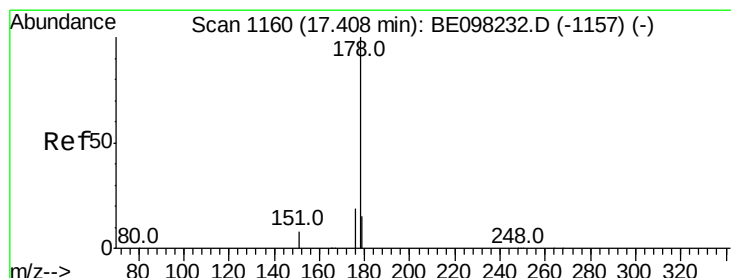
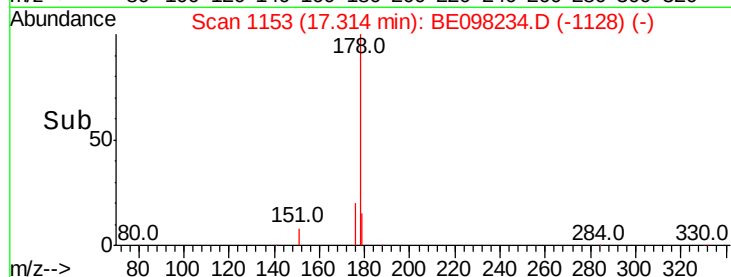
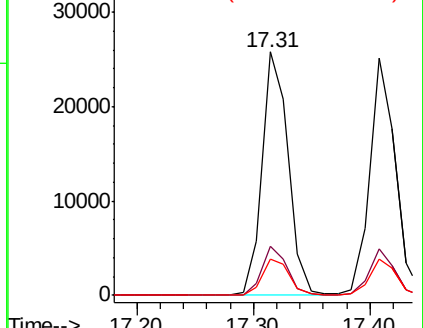
179 15.4 12.3 18.5



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: 1.645 ng

RT: 17.41 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

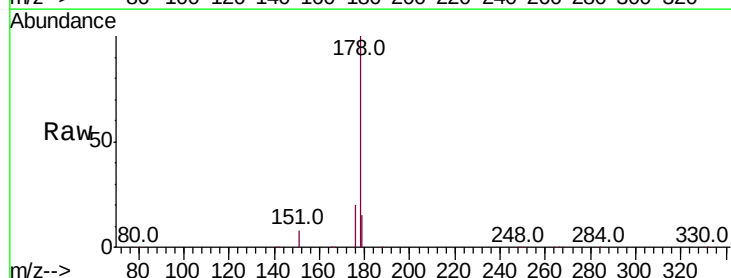
Tgt Ion:178 Resp: 37927

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

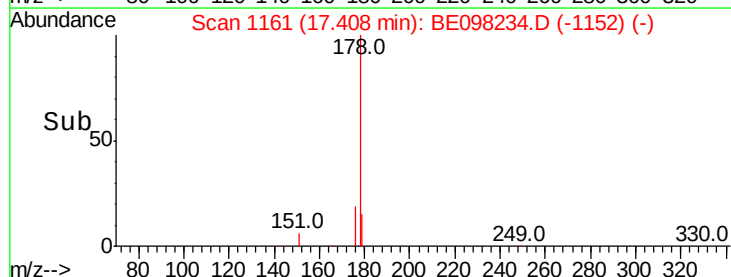
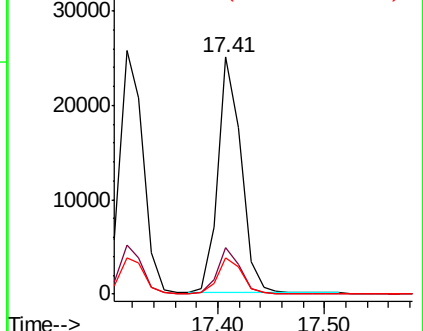
179 15.3 12.1 18.1

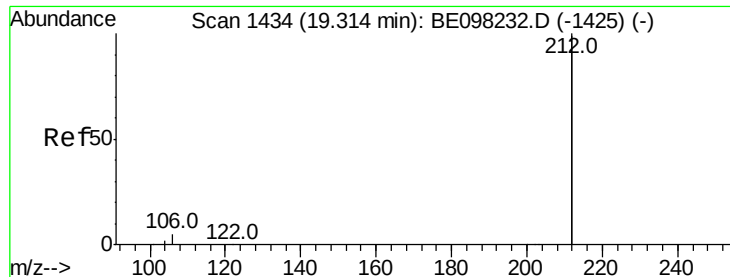


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.562 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

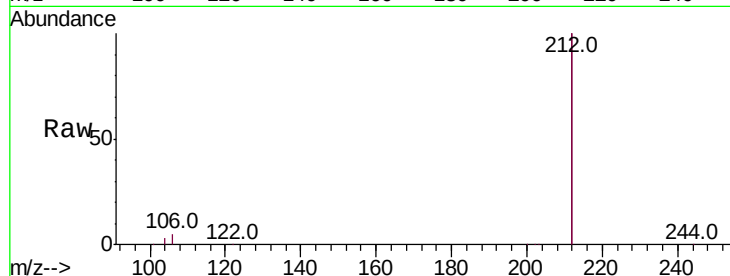
Tot Ion:212 Resp: 193870

Ion Ratio Lower Upper

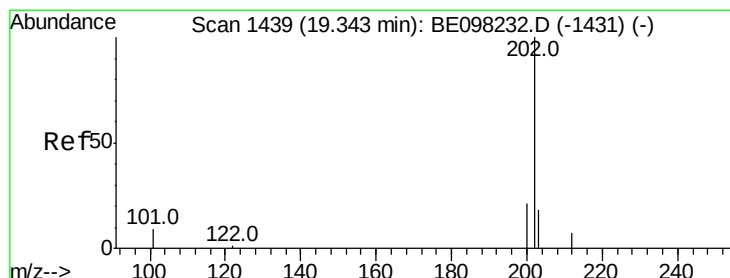
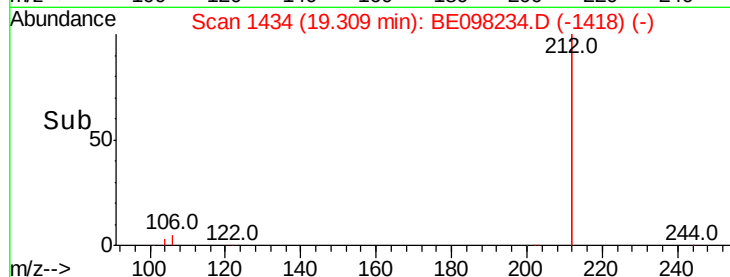
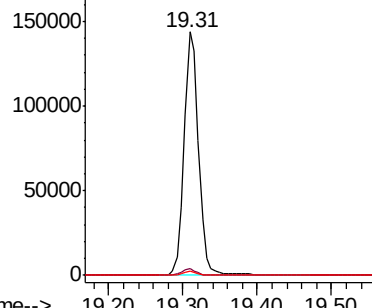
212 100

106 2.7 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: 1.601 ng

RT: 19.34 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

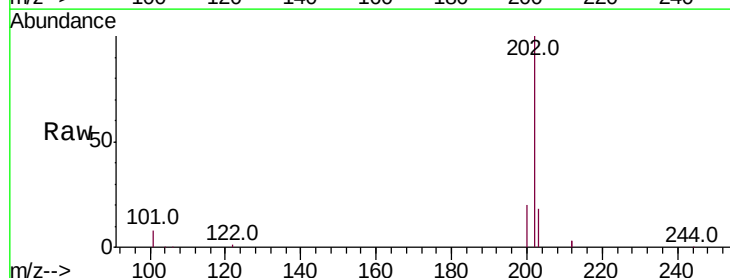
Tgt Ion:202 Resp: 49075

Ion Ratio Lower Upper

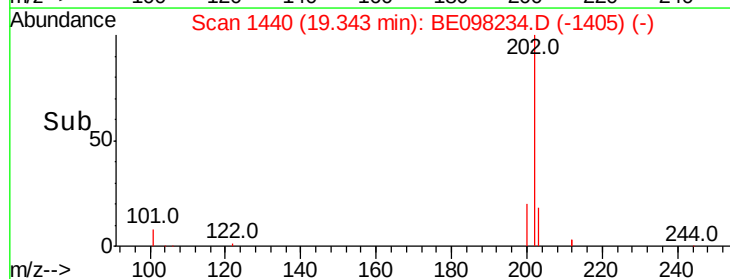
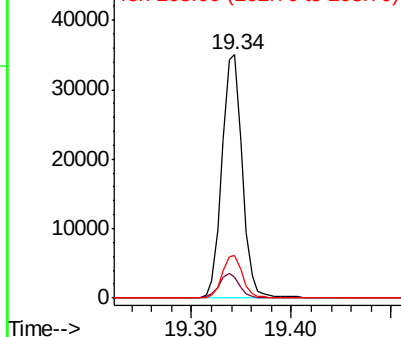
202 100

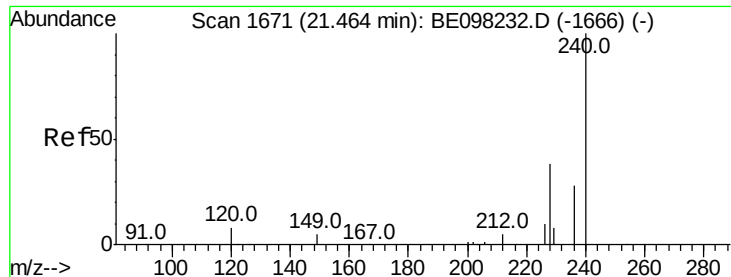
101 10.0 7.0 10.6

203 17.4 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

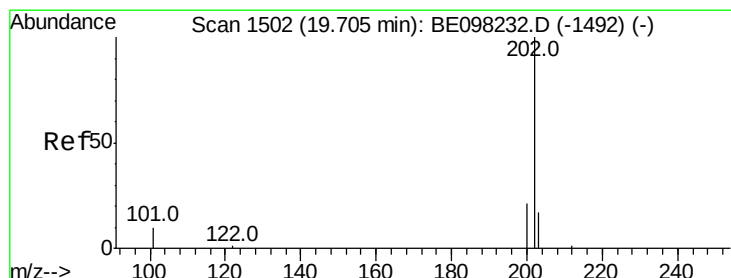
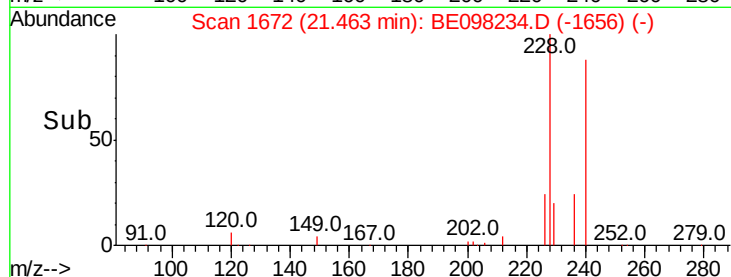
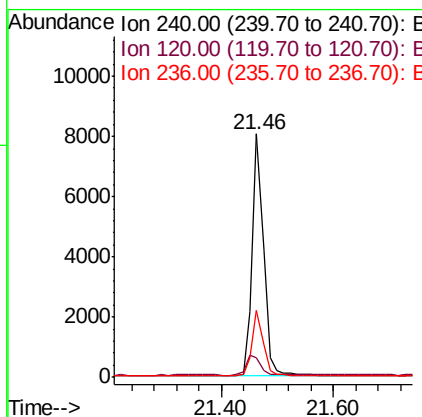
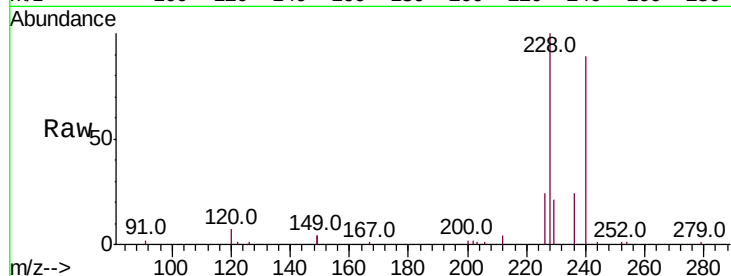




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BE098234.D
 Acq: 16 Nov 2018 17:52

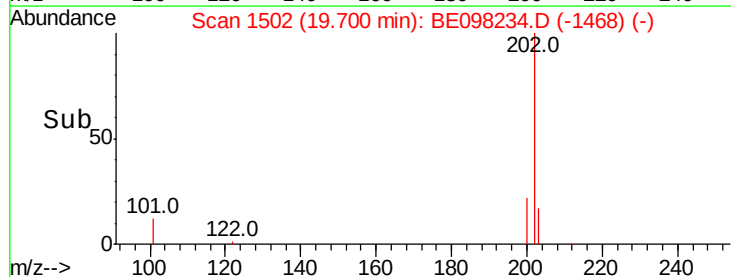
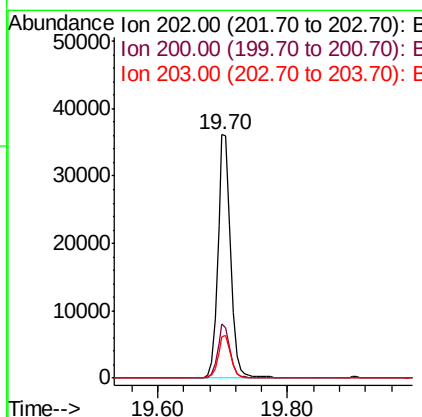
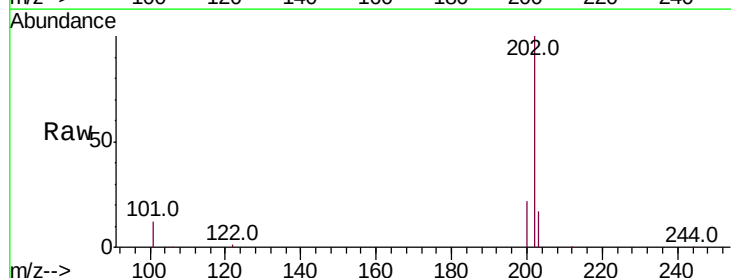
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

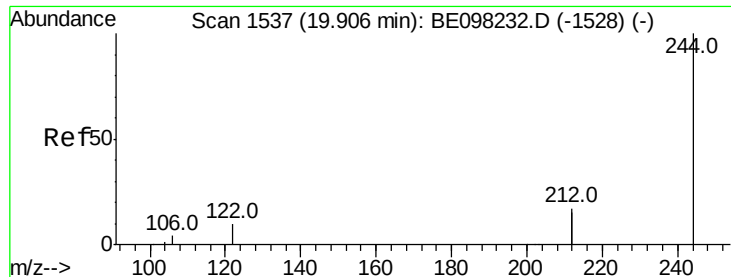
Tot Ion:240 Resp: 11337
 Ion Ratio Lower Upper
 240 100
 120 8.0 4.8 7.2#
 236 27.3 21.4 32.0



#28
 Pyrene
 Concen: 1.610 ng
 RT: 19.70 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BE098234.D
 Acq: 16 Nov 2018 17:52

Tgt Ion:202 Resp: 50215
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.2 25.8
 203 17.5 14.2 21.4





#29

Terphenyl-d14

Concen: 1.513 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

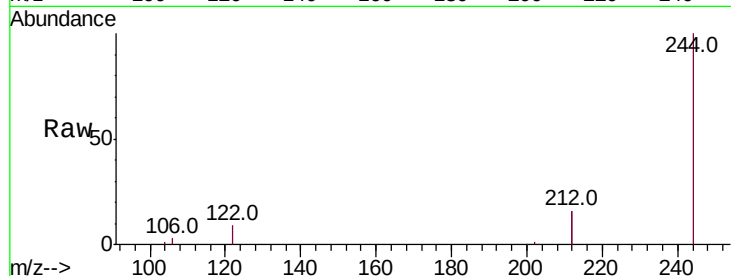
Tot Ion:244 Resp: 38925

Ion Ratio Lower Upper

244 100

212 32.7 26.8 40.2

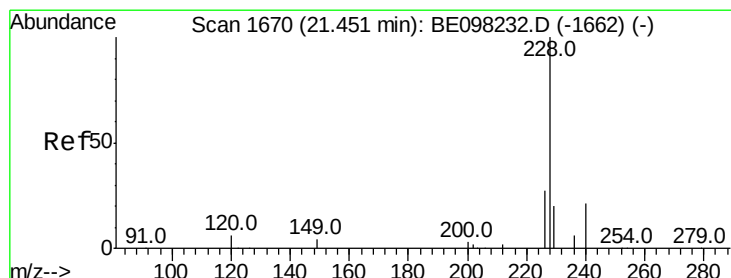
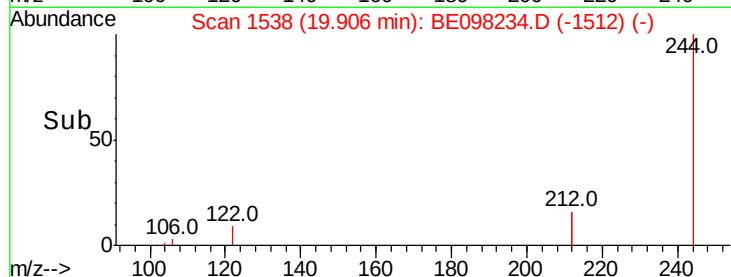
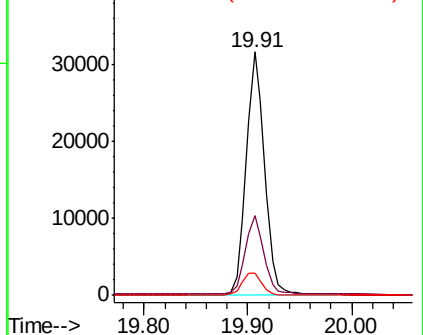
122 9.3 7.0 10.6



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: 1.578 ng

RT: 21.45 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

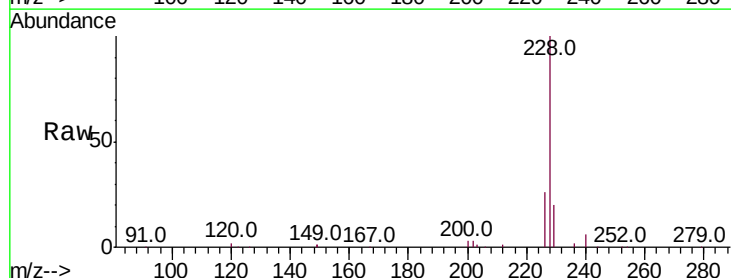
Tgt Ion:228 Resp: 50827

Ion Ratio Lower Upper

228 100

226 25.9 20.7 31.1

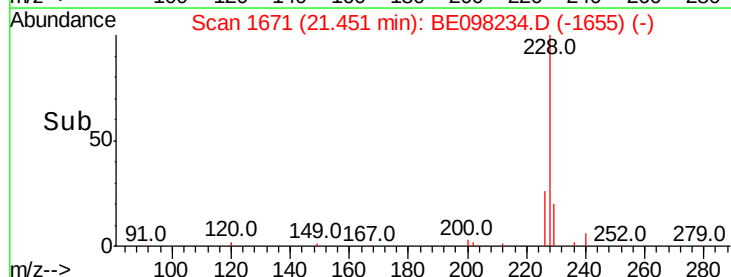
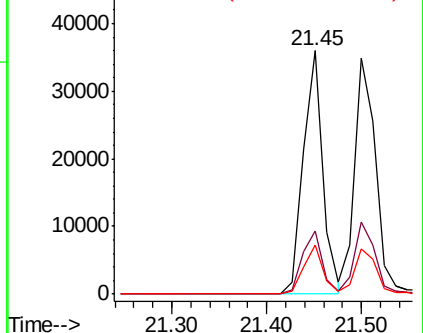
229 20.0 16.2 24.4

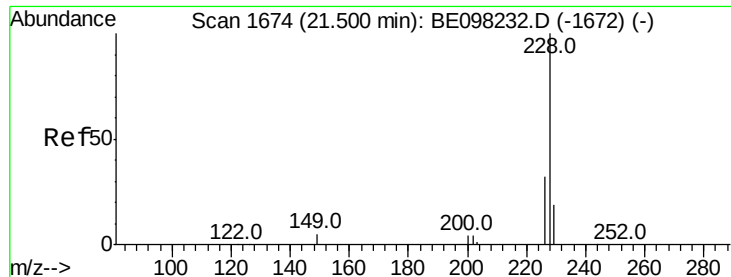


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.608 ng

RT: 21.50 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

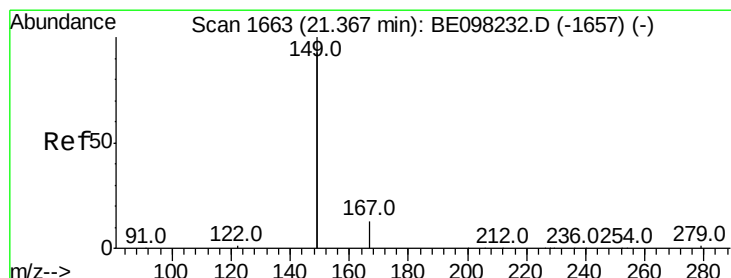
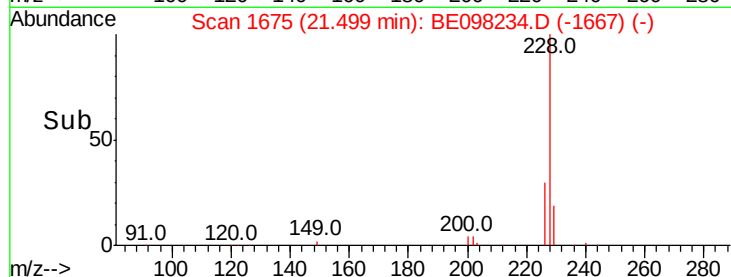
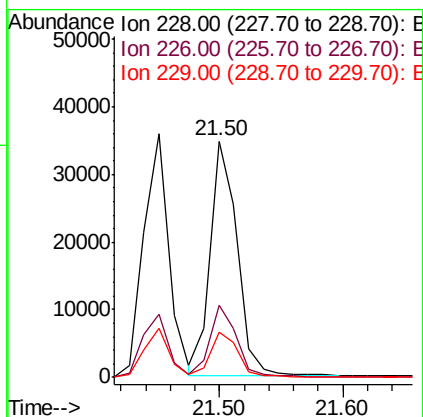
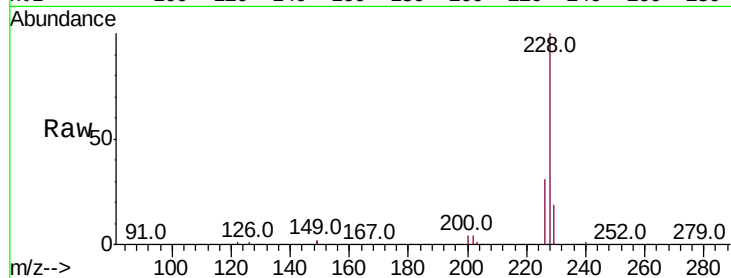
Tot Ion:228 Resp: 52593

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 19.2 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.218 ng

RT: 21.37 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

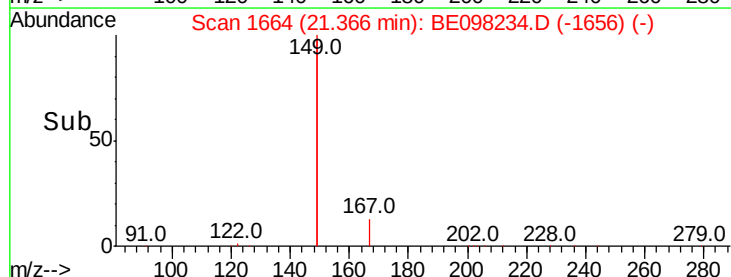
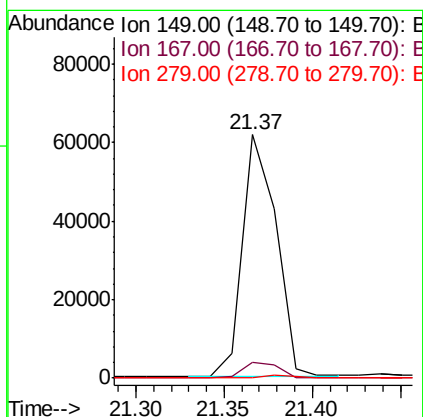
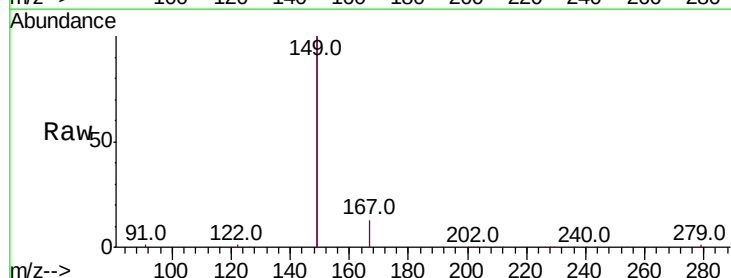
Tgt Ion:149 Resp: 81457

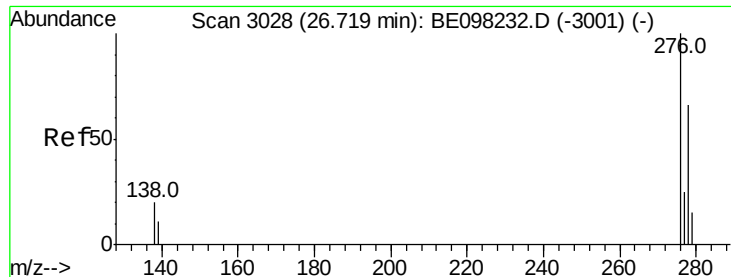
Ion Ratio Lower Upper

149 100

167 7.0 5.6 8.4

279 1.0 0.9 1.3





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.608 ng

RT: 26.70 min Scan# 3025

Delta R.T. -0.01 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

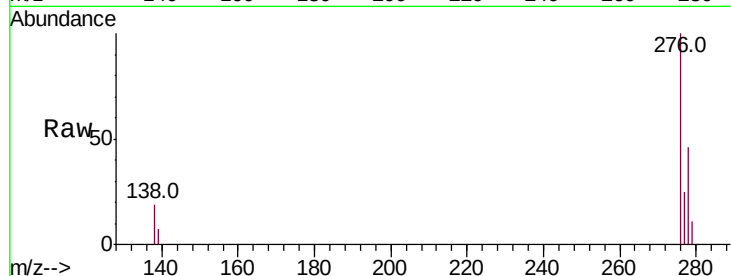
Tot Ion:276 Resp: 48230

Ion Ratio Lower Upper

276 100

138 19.8 6.4 9.6#

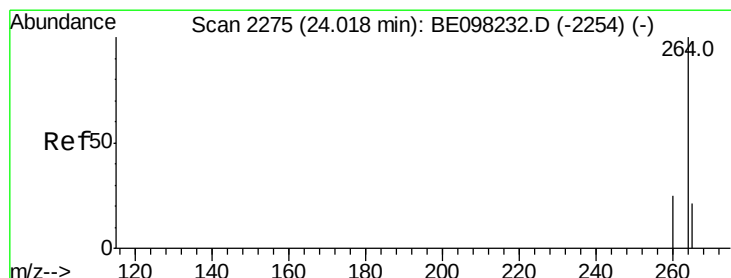
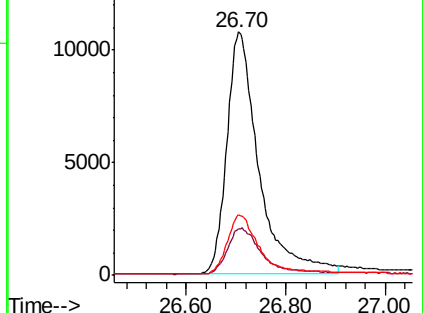
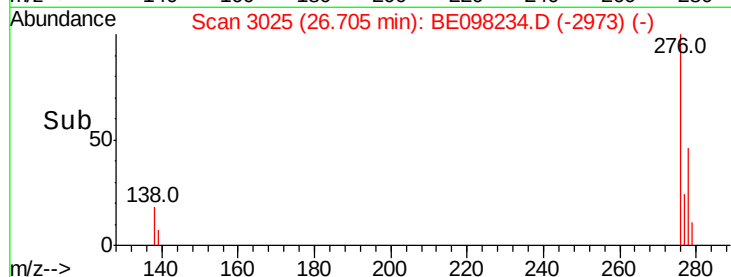
277 24.5 18.9 28.3



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: 24.02 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

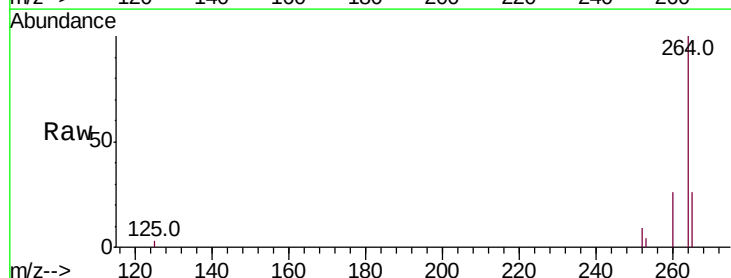
Tgt Ion:264 Resp: 10281

Ion Ratio Lower Upper

264 100

260 25.6 19.9 29.9

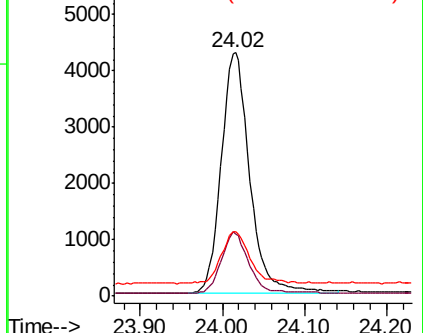
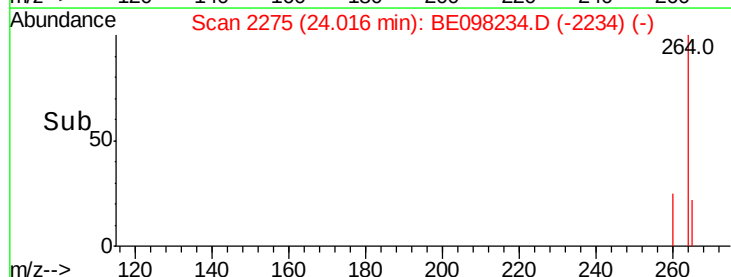
265 26.4 21.3 31.9

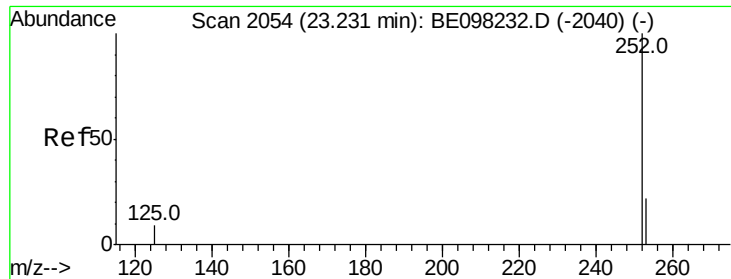


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.613 ng

RT: 23.23 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

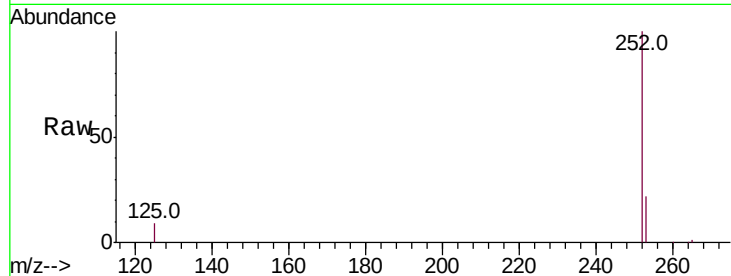
Tot Ion:252 Resp: 47055

Ion Ratio Lower Upper

252 100

253 22.1 19.4 29.0

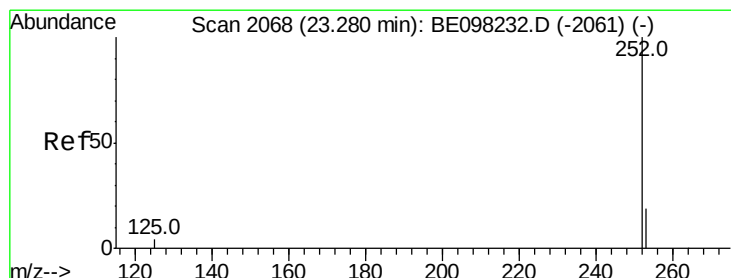
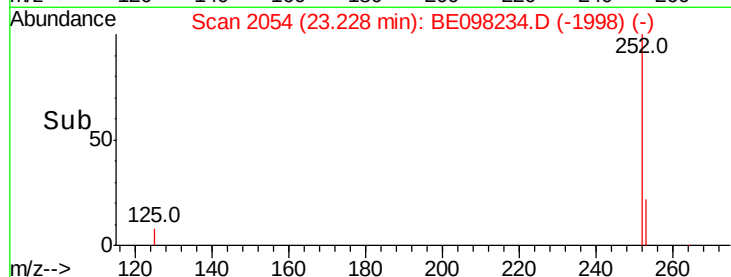
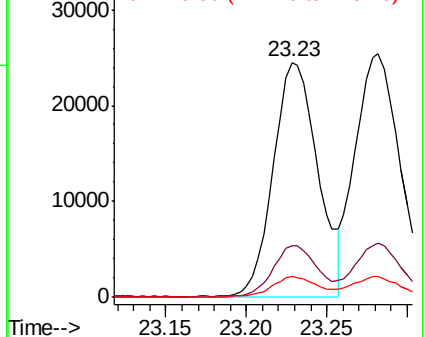
125 8.8 8.6 12.8



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: 1.670 ng

RT: 23.28 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

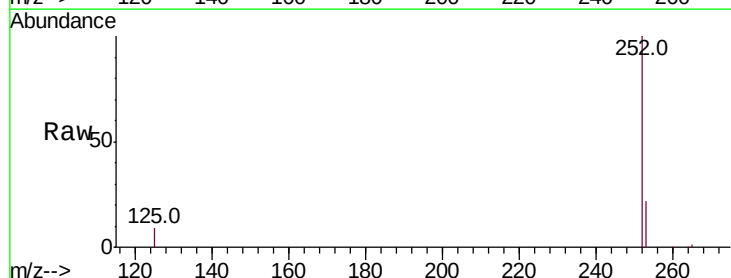
Tgt Ion:252 Resp: 51391

Ion Ratio Lower Upper

252 100

253 22.2 18.6 28.0

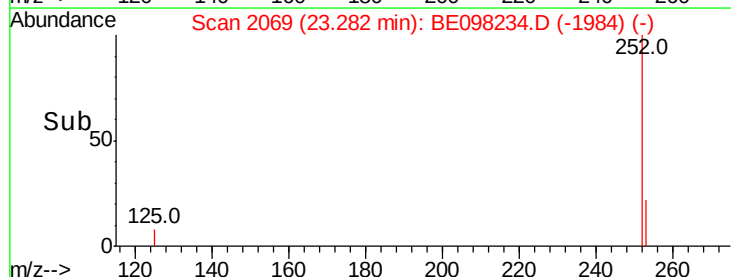
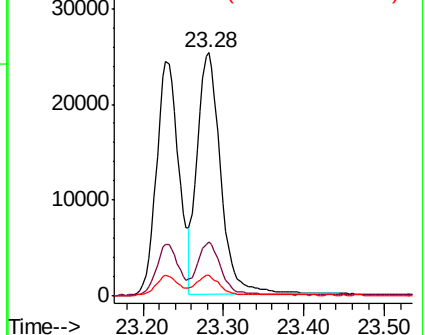
125 8.7 7.4 11.0

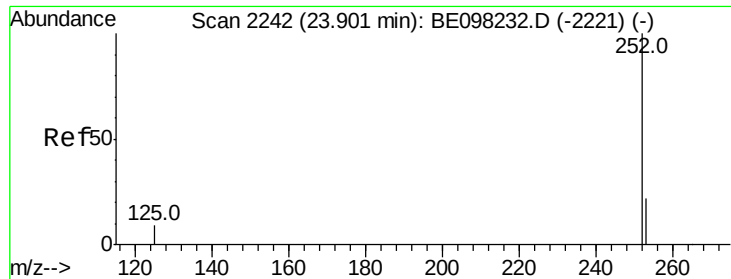


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.628 ng

RT: 23.90 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

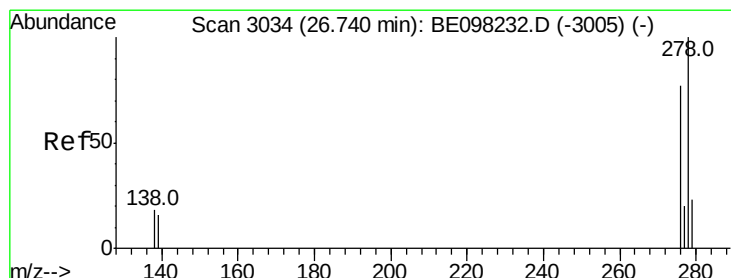
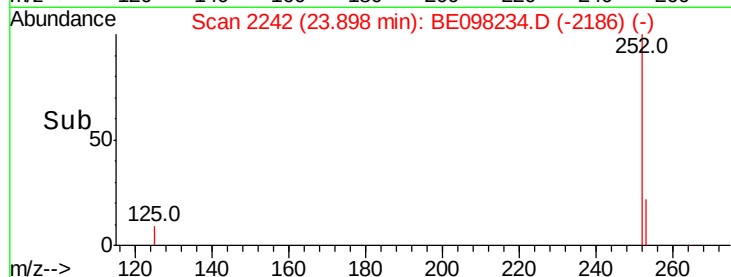
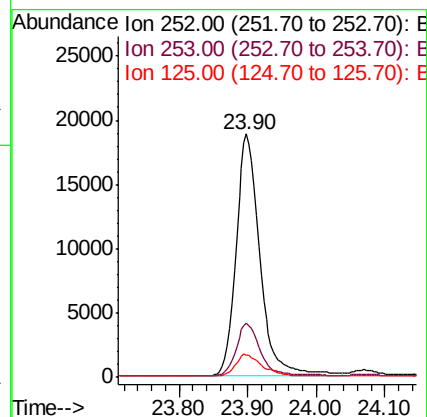
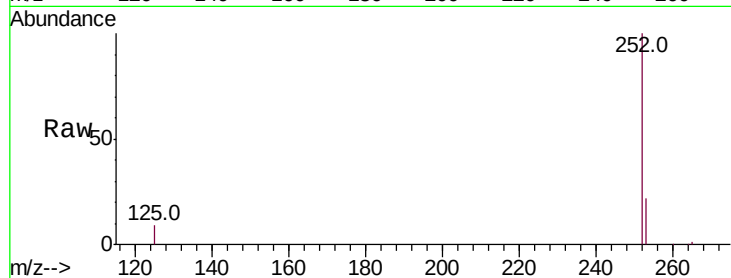
Tot Ion:252 Resp: 45539

Ion Ratio Lower Upper

252 100

253 22.0 18.6 27.8

125 9.3 8.0 12.0



#38

Dibenzo(a,h)anthracene

Concen: 1.652 ng

RT: 26.73 min Scan# 3033

Delta R.T. -0.01 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

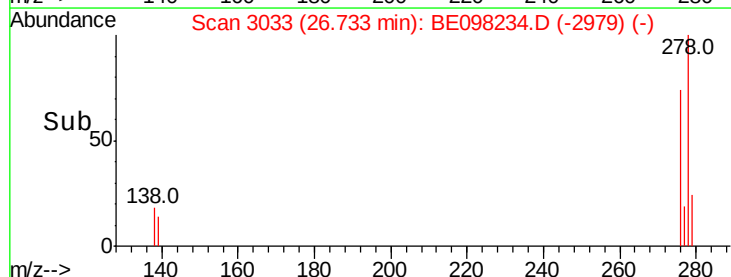
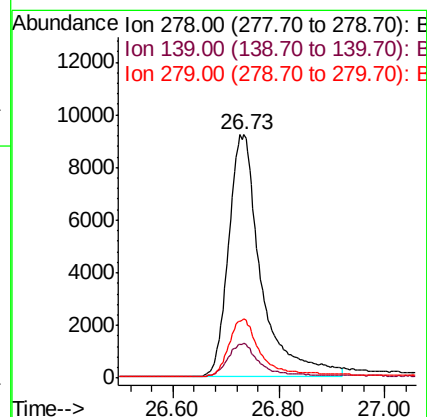
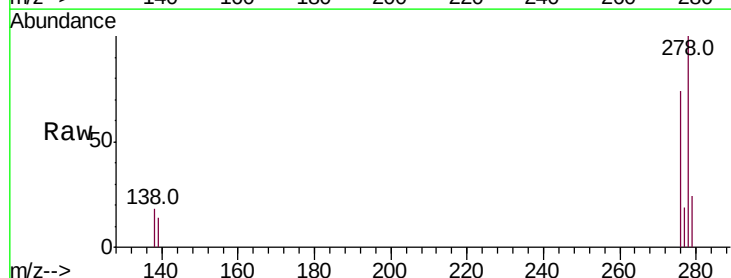
Tgt Ion:278 Resp: 39371

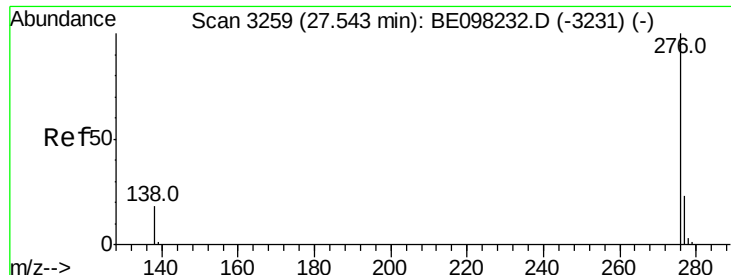
Ion Ratio Lower Upper

278 100

139 14.2 16.4 24.6#

279 24.1 21.3 31.9





#39

Benzo(a,h,i)perylene

Concen: 1.630 ng

RT: 27.53 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BE098234.D

Acq: 16 Nov 2018 17:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

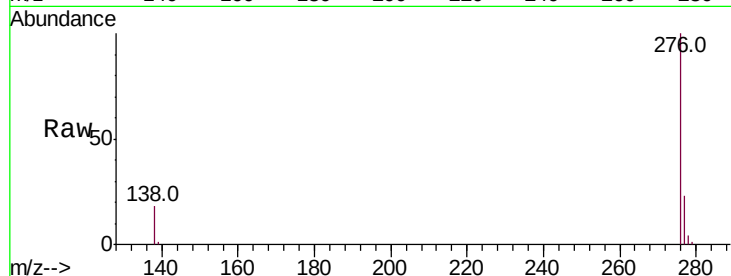
Tot Ion:276 Resp: 40556

Ion Ratio Lower Upper

276 100

277 23.1 20.4 30.6

138 18.0 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

