

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
 Data File : BE097720.D
 Acq On : 4 Oct 2018 9:05
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 05 06:49:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5203	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	21547	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	12116	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	32758	0.40	ng	0.00
27) Chrysene-d12	21.49	240	42181	0.40	ng	0.00
34) Perylene-d12	24.04	264	39886	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3908	0.32	ng	0.00
5) Phenol-d6	7.05	99	6167	0.33	ng	0.00
8) Nitrobenzene-d5	9.04	82	3040	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	12924	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	715	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	20455	0.38	ng	0.00
25) Fluoranthene-d10	19.33	212	151854	0.37	ng	0.00
29) Terphenyl-d14	19.93	244	32089	0.37	ng	0.00

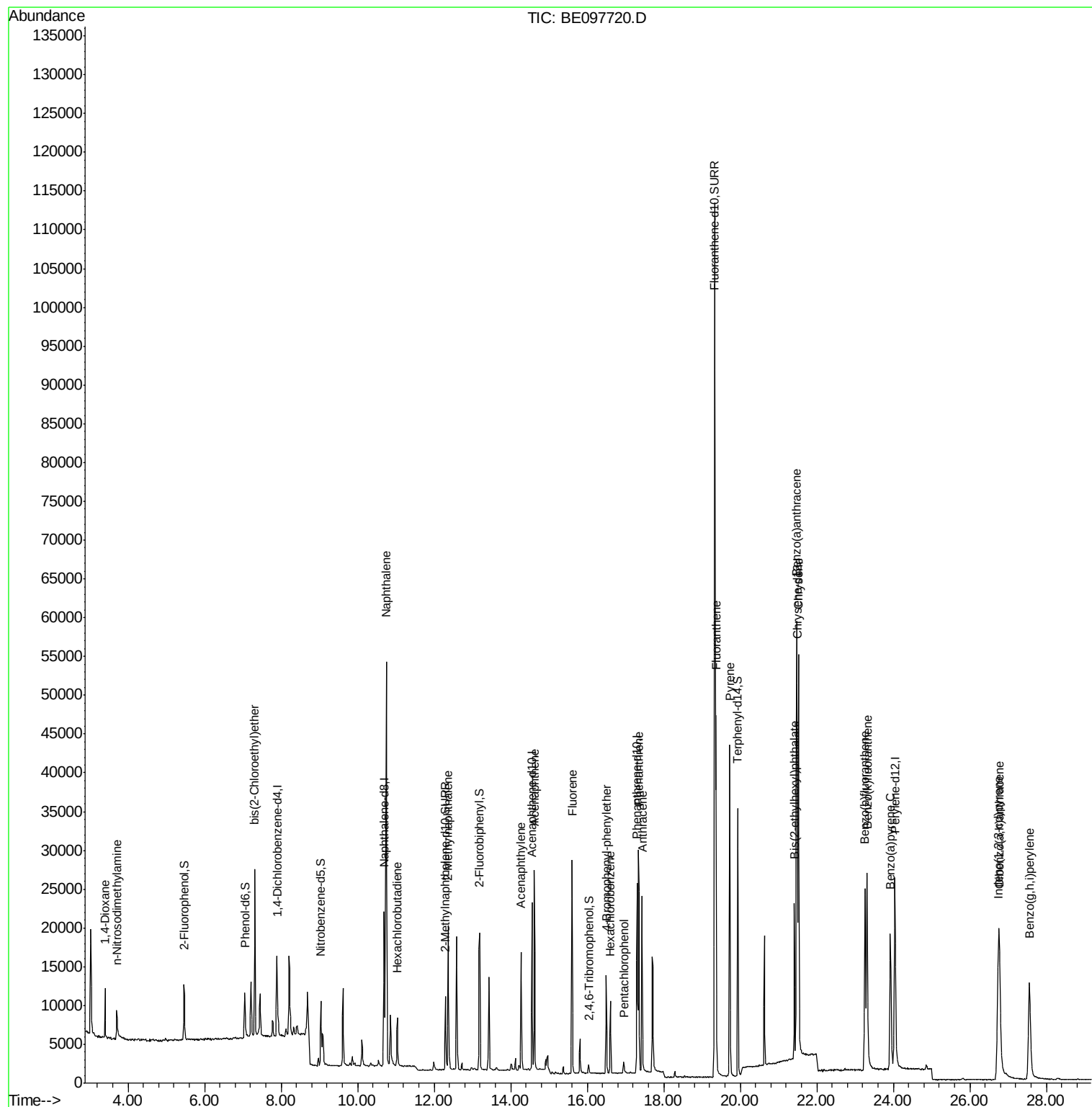
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	3877	0.374	ng	97
3) n-Nitrosodimethylamine	3.71	42	3185	0.338	ng	# 90
6) bis(2-Chloroethyl)ether	7.31	93	7580	0.388	ng	96
9) Naphthalene	10.74	128	83023	0.382	ng	100
10) Hexachlorobutadiene	11.04	225	4525	0.393	ng	99
12) 2-Methylnaphthalene	12.37	142	13351	0.384	ng	95
16) Acenaphthylene	14.27	152	19240	0.359	ng	98
17) Acenaphthene	14.62	154	13071	0.380	ng	99
18) Fluorene	15.60	166	17027	0.373	ng	99
20) 4-Bromophenyl-phenylether	16.50	248	6507	0.379	ng	97
21) Hexachlorobenzene	16.60	284	7565	0.391	ng	99
22) Pentachlorophenol	16.95	266	1007	0.332	ng	95
23) Phenanthrene	17.34	178	31993	0.379	ng	99
24) Anthracene	17.43	178	26475	0.363	ng	98
26) Fluoranthene	19.36	202	39579	0.368	ng	99
28) Pyrene	19.72	202	40483	0.378	ng	100
30) Benzo(a)anthracene	21.48	228	40370	0.356	ng	99
31) Chrysene	21.52	228	48248	0.381	ng	99
32) Bis(2-ethylhexyl)phthalate	21.42	149	23676	0.285	ng	100
33) Indeno(1,2,3-cd)pyrene	26.74	276	40554	0.368	ng	99
35) Benzo(b)fluoranthene	23.26	252	37215	0.340	ng	99
36) Benzo(k)fluoranthene	23.31	252	43177	0.356	ng	98
37) Benzo(a)pyrene	23.92	252	33106	0.334	ng	99
38) Dibenzo(a,h)anthracene	26.77	278	33568	0.344	ng	96
39) Benzo(g,h,i)perylene	27.55	276	35731	0.350	ng	99

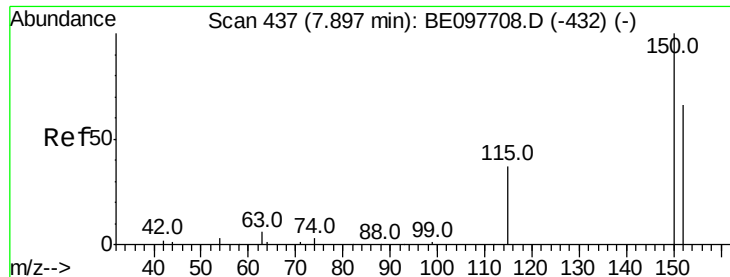
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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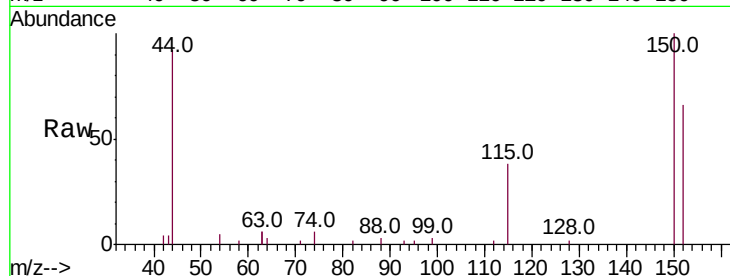


#1

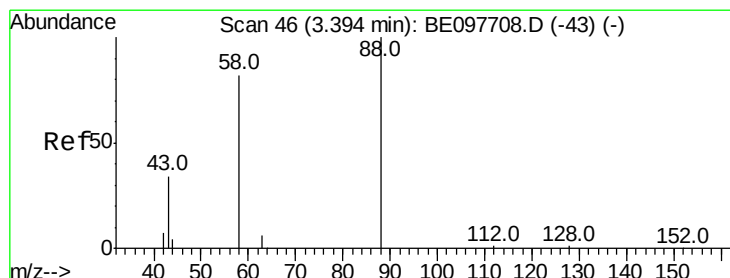
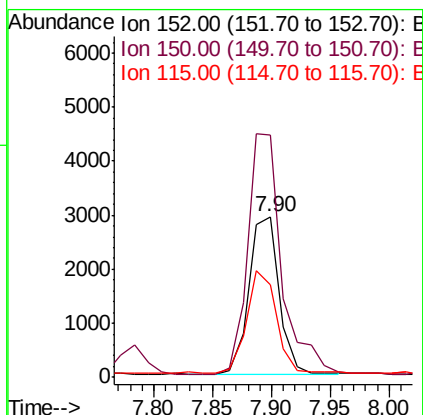
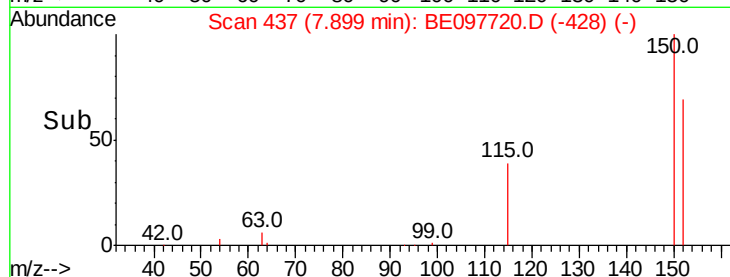
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. 0.00 min
Lab File: BE097720.D
Acq: 4 Oct 2018 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 5203
Ion Ratio Lower Upper
152 100
150 150.7 120.9 181.3
115 57.6 46.6 69.8



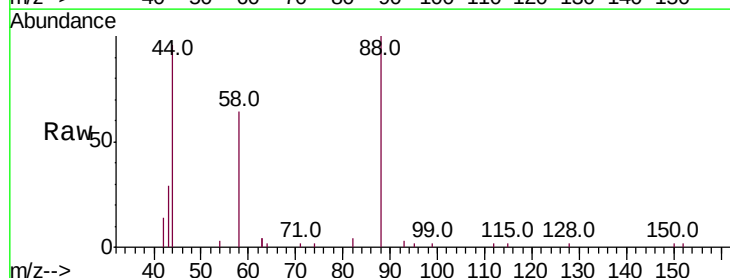
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



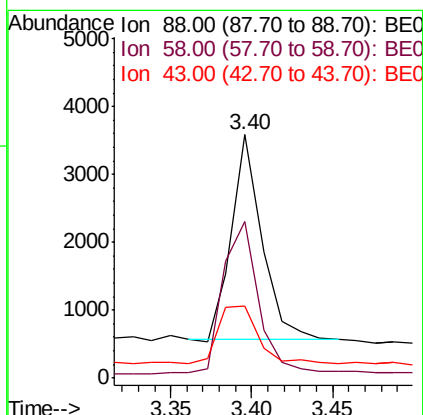
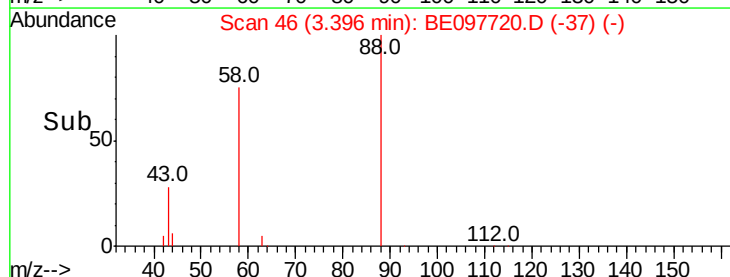
#2

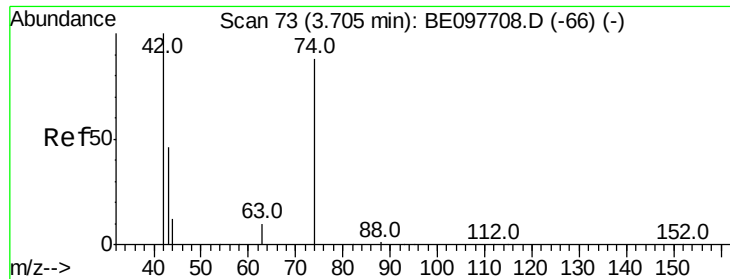
1,4-Dioxane
Concen: 0.374 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097720.D
Acq: 4 Oct 2018 9:05

Tgt Ion: 88 Resp: 3877
Ion Ratio Lower Upper
88 100
58 87.4 70.8 106.2
43 36.8 33.3 49.9



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: 0.338 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

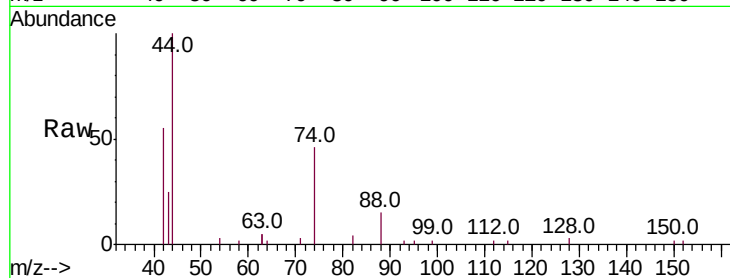
Tot Ion: 42 Resp: 3185

Ion Ratio Lower Upper

42 100

74 96.0 70.7 106.1

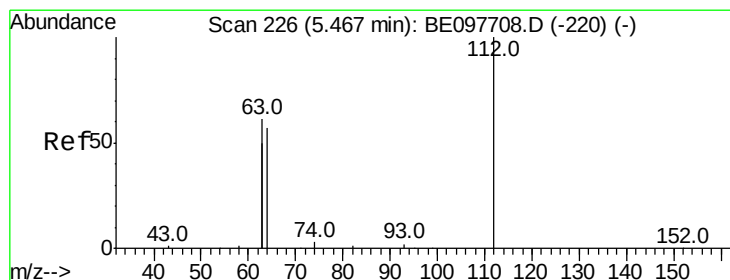
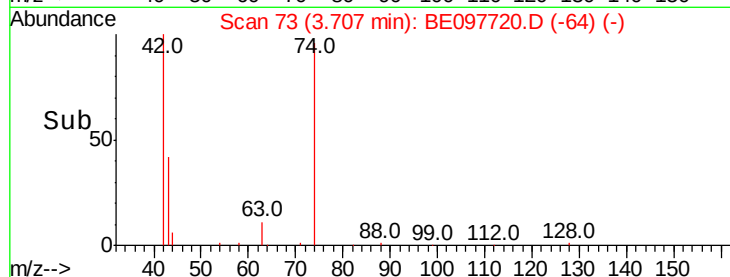
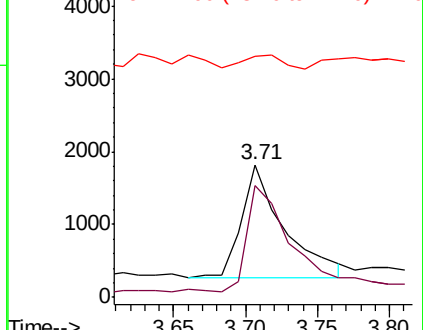
44 10.6 15.0 22.4#



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: 0.317 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

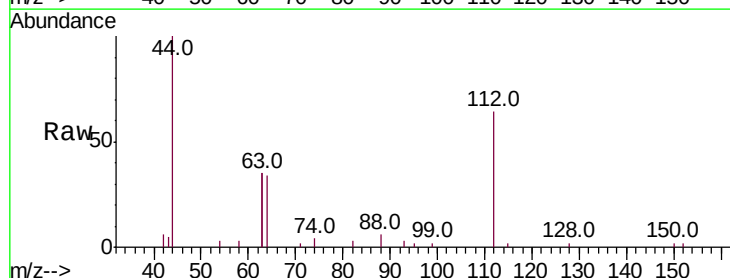
Tgt Ion: 112 Resp: 3908

Ion Ratio Lower Upper

112 100

64 69.2 56.6 84.8

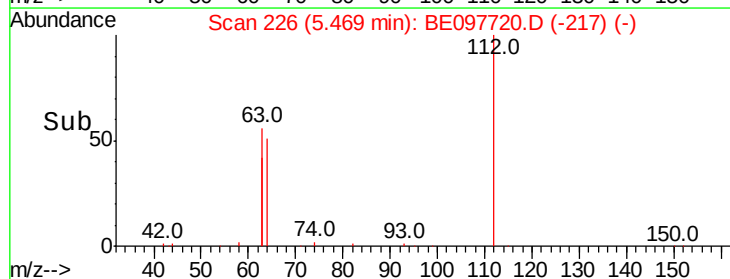
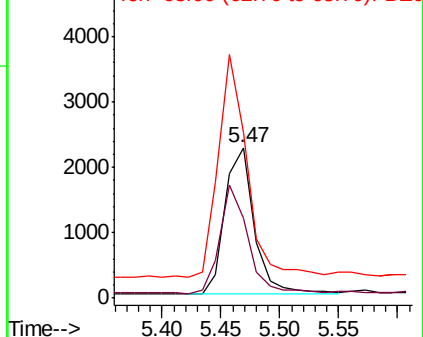
63 145.3 119.4 179.0

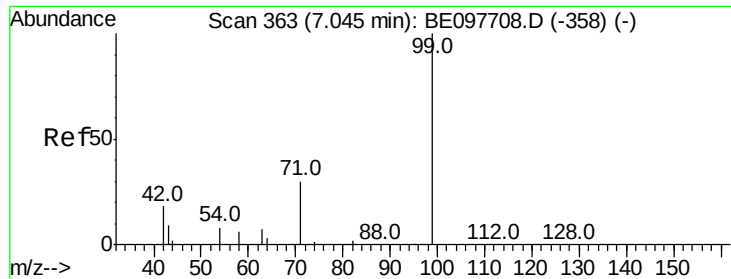


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.327 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

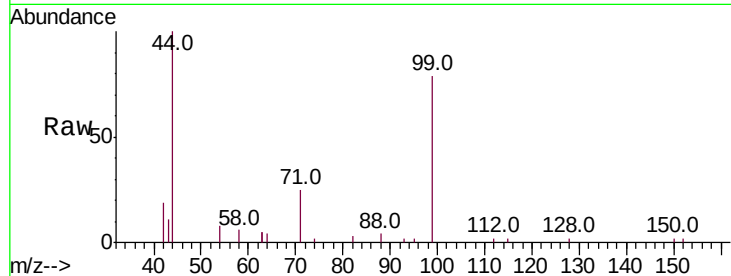
Tot Ion: 99 Resp: 6167

Ion Ratio Lower Upper

99 100

42 24.0 19.9 29.9

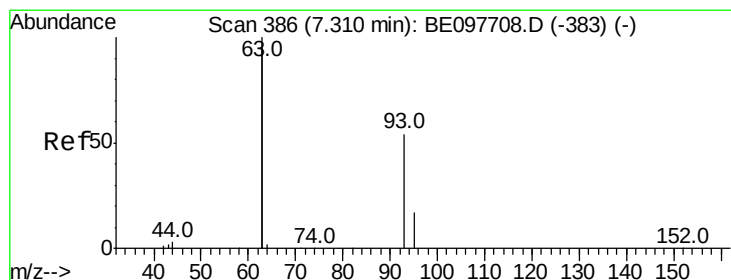
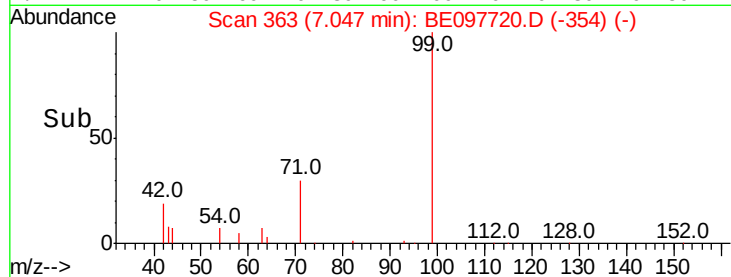
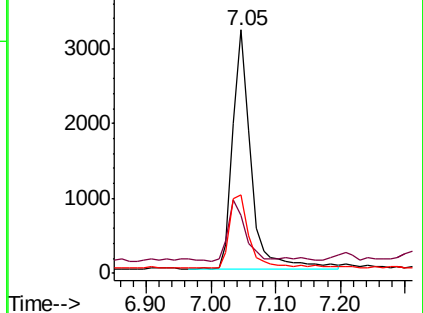
71 35.4 25.4 38.2



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: 0.388 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

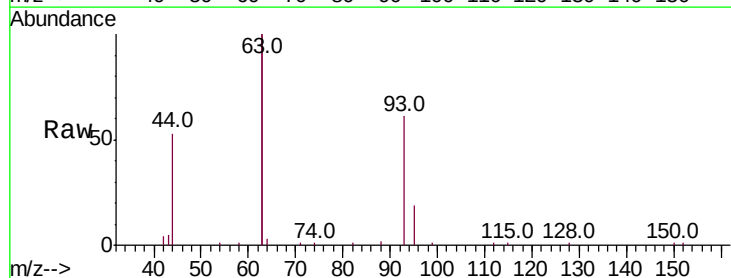
Tgt Ion: 93 Resp: 7580

Ion Ratio Lower Upper

93 100

63 324.2 266.9 400.3

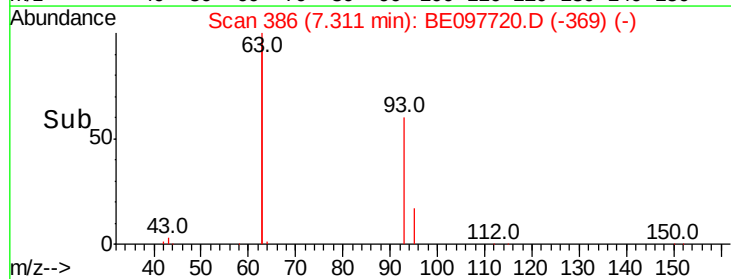
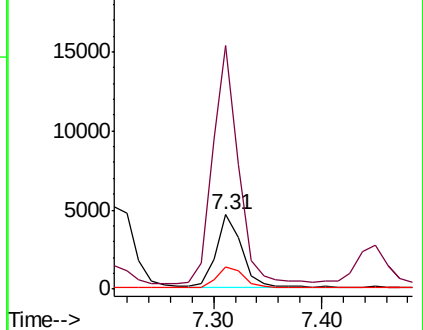
95 31.9 26.2 39.2

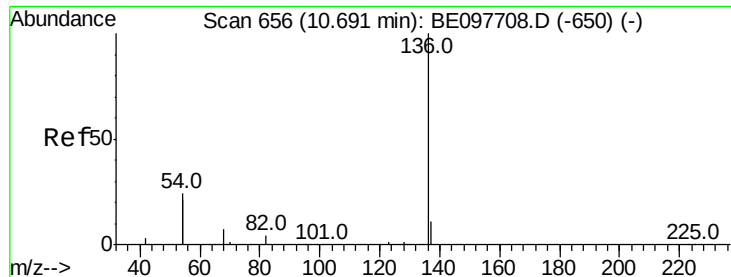


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 21547

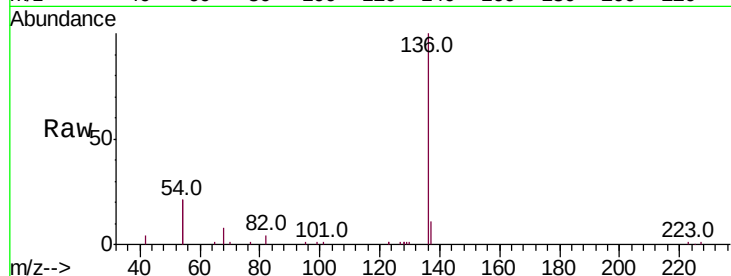
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 41.8 37.8 56.6

68 7.9 6.4 9.6

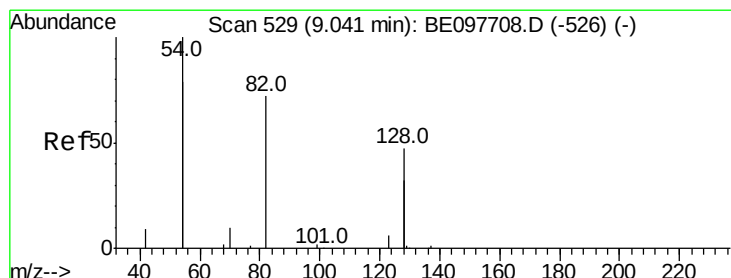
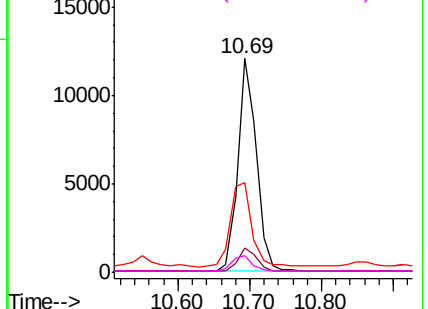
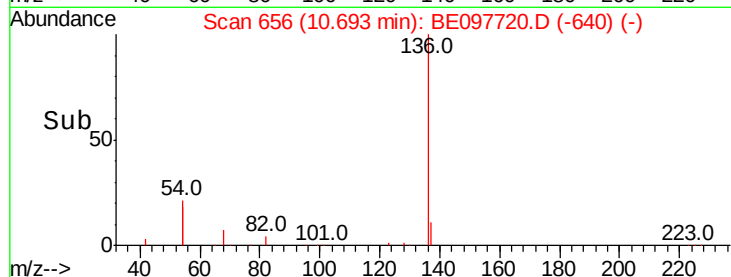


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.435 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

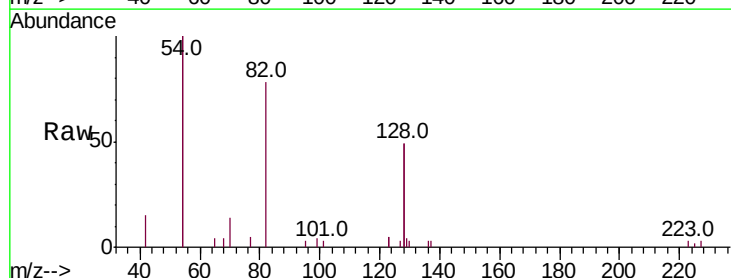
Tgt Ion: 82 Resp: 3040

Ion Ratio Lower Upper

82 100

128 125.6 97.0 145.4

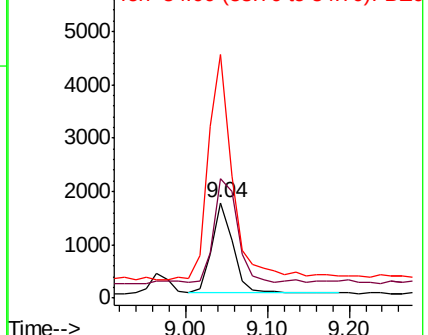
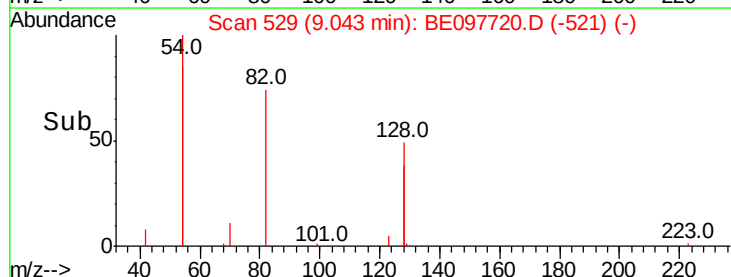
54 255.8 206.9 310.3

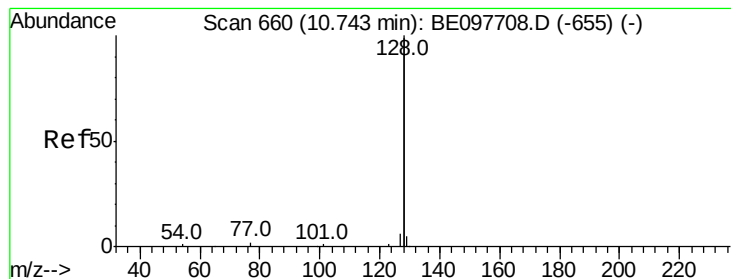


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.382 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

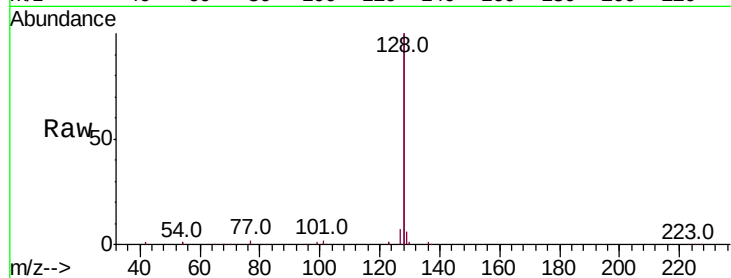
Tot Ion:128 Resp: 83023

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.2

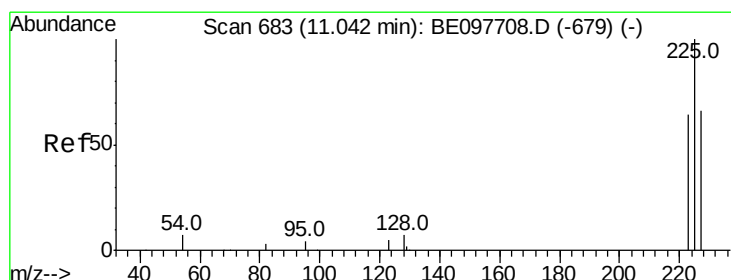
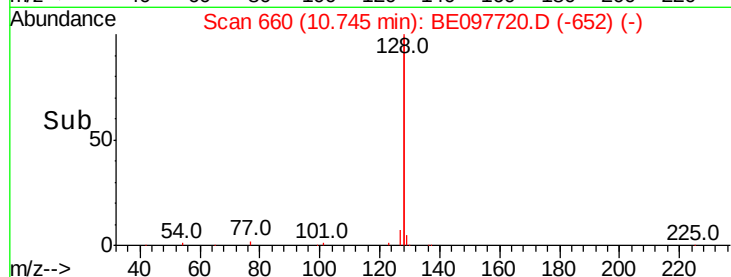
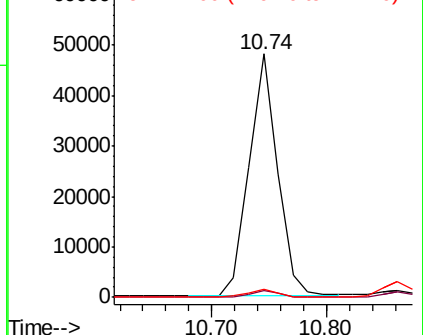
127 3.4 2.7 4.1



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: 0.393 ng

RT: 11.04 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

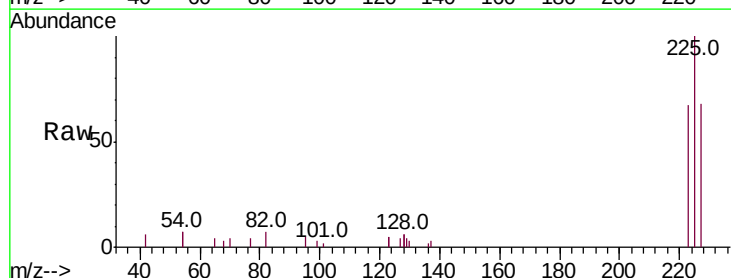
Tgt Ion:225 Resp: 4525

Ion Ratio Lower Upper

225 100

223 63.5 52.2 78.4

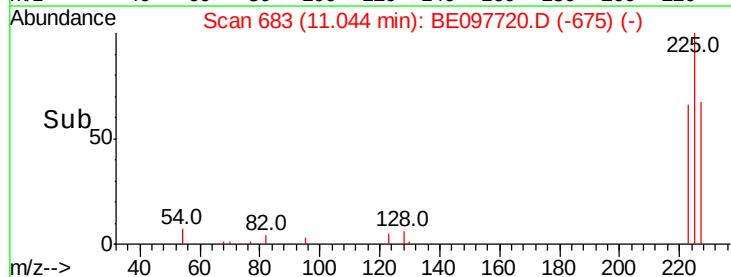
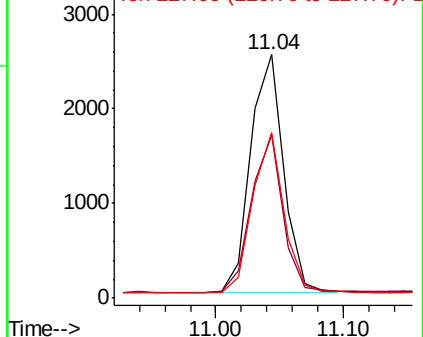
227 64.1 51.2 76.8

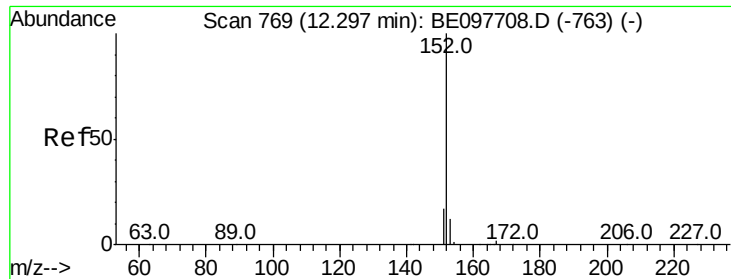


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

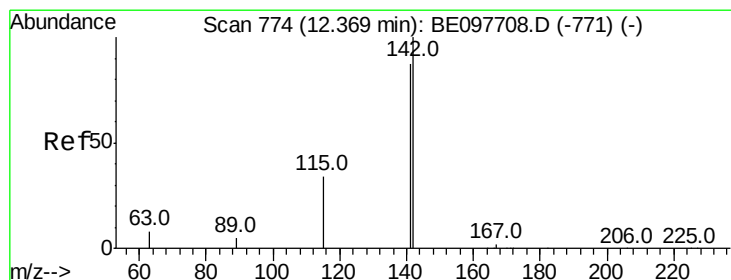
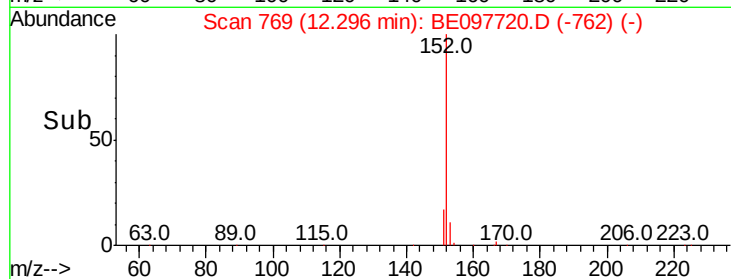
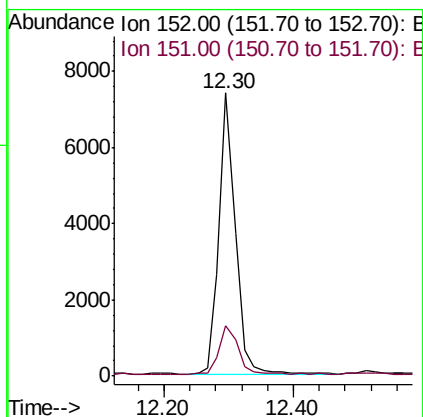
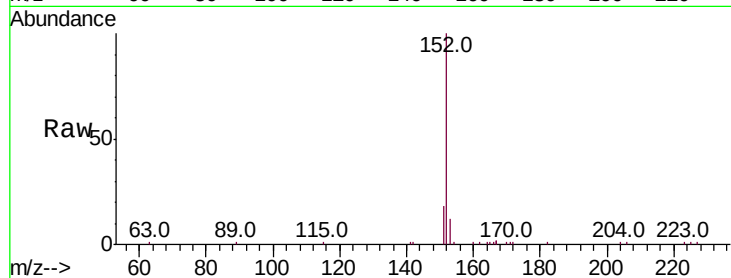




#11
 2-Methylnaphthalene-d10
 Concen: 0.377 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097720.D
 Acq: 4 Oct 2018 9:05

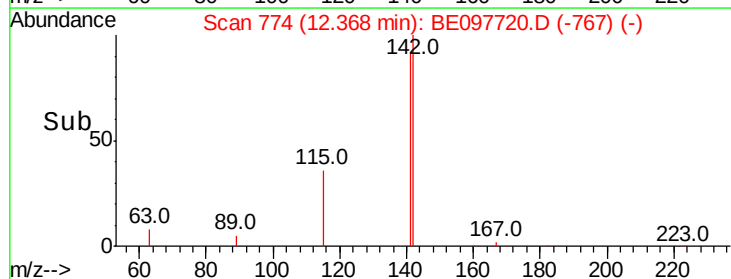
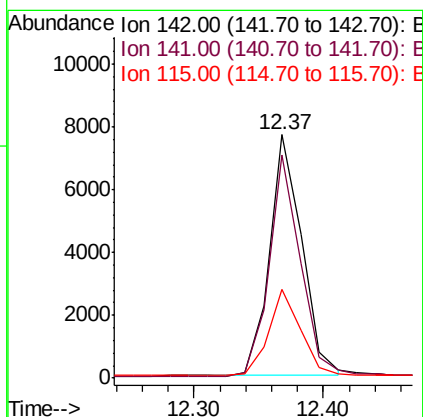
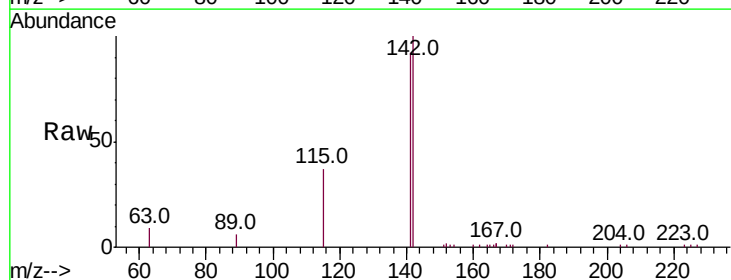
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

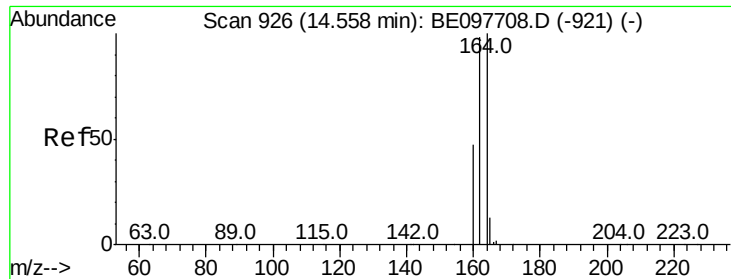
Tot Ion:152 Resp: 12924
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.384 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097720.D
 Acq: 4 Oct 2018 9:05

Tgt Ion:142 Resp: 13351
 Ion Ratio Lower Upper
 142 100
 141 91.8 69.4 104.2
 115 36.7 28.0 42.0

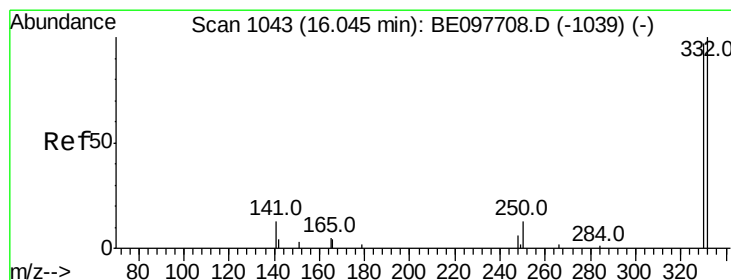
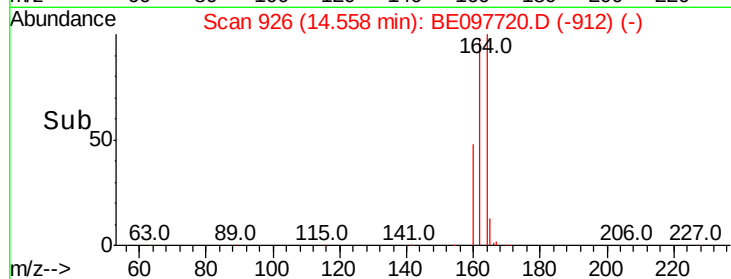
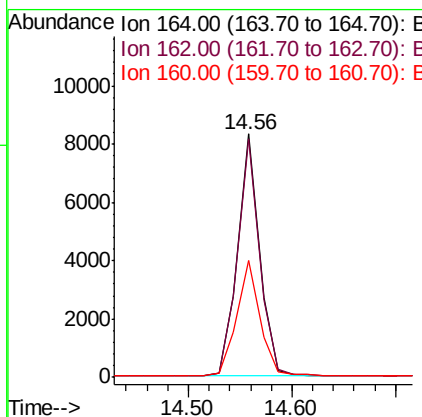
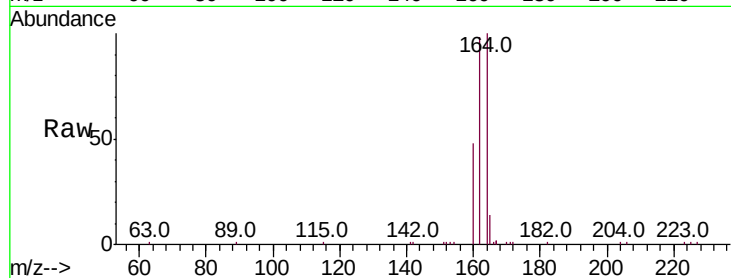




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097720.D
 Acq: 4 Oct 2018 9:05

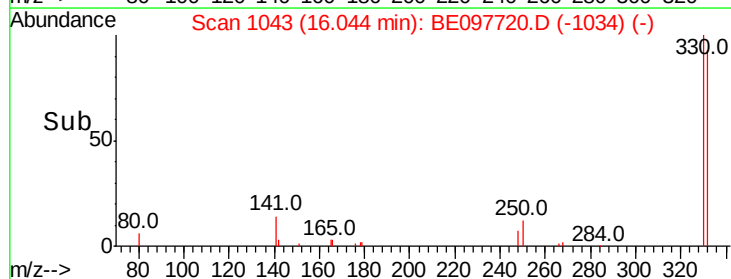
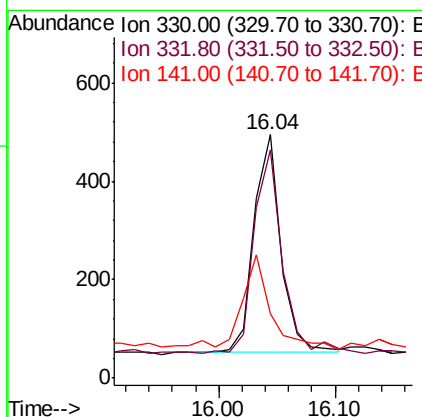
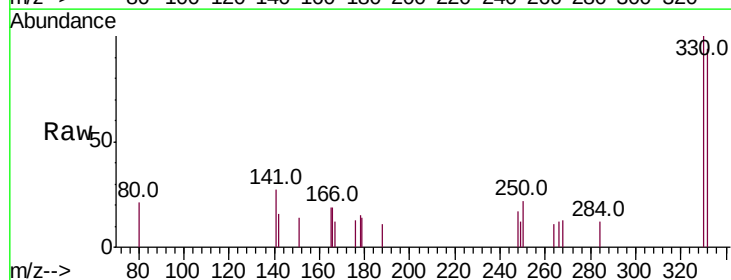
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

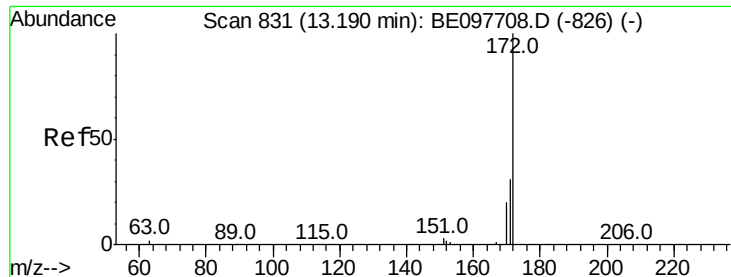
Tot Ion:164 Resp: 12116
 Ion Ratio Lower Upper
 164 100
 162 97.8 78.6 117.8
 160 48.1 37.8 56.6



#14
 2,4,6-Tribromophenol
 Concen: 0.326 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097720.D
 Acq: 4 Oct 2018 9:05

Tgt Ion:330 Resp: 715
 Ion Ratio Lower Upper
 330 100
 332 99.6 83.5 125.3
 141 47.3 34.9 52.3

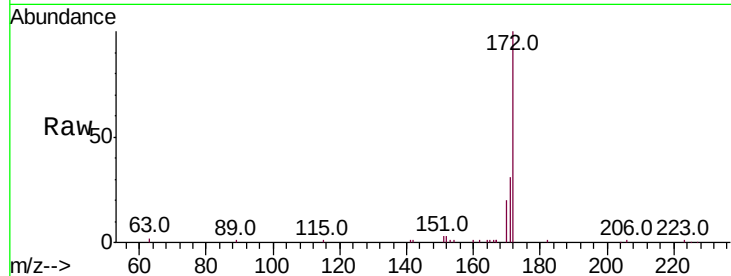




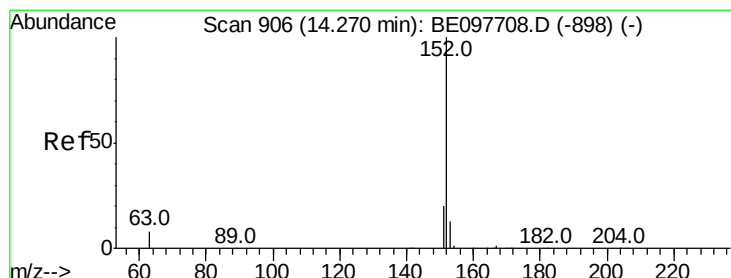
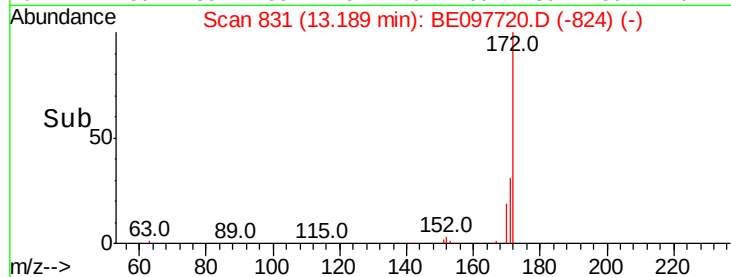
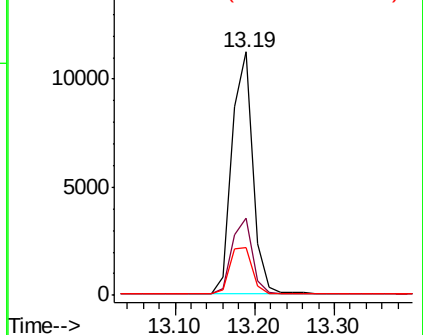
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097720.D
Acq: 4 Oct 2018 9:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 20455
Ion Ratio Lower Upper
172 100
171 31.5 25.2 37.8
170 19.7 16.2 24.2

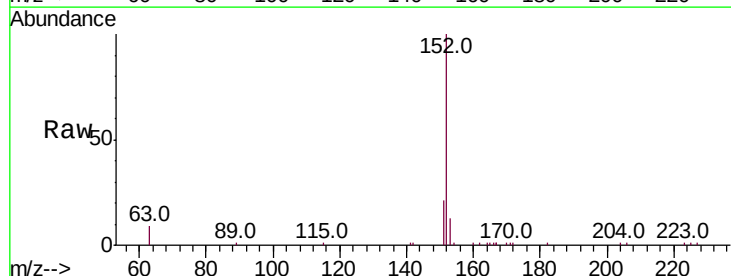


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

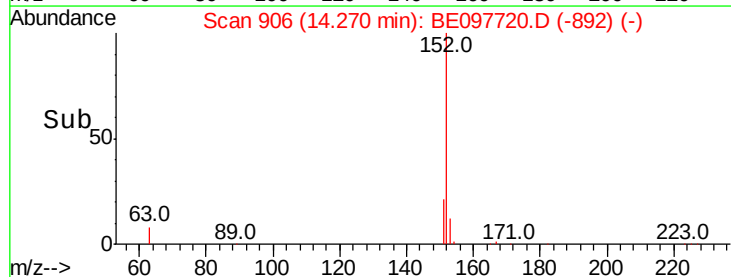
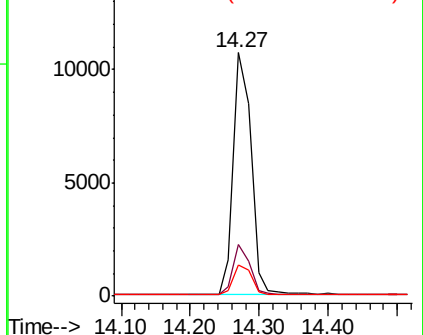


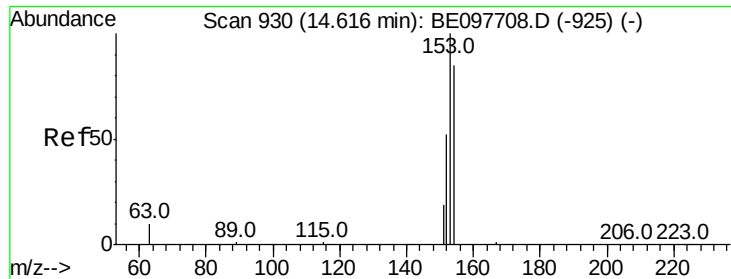
#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097720.D
Acq: 4 Oct 2018 9:05

Tgt Ion:152 Resp: 19240
Ion Ratio Lower Upper
152 100
151 19.9 15.3 22.9
153 12.7 10.8 16.2



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: 0.380 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

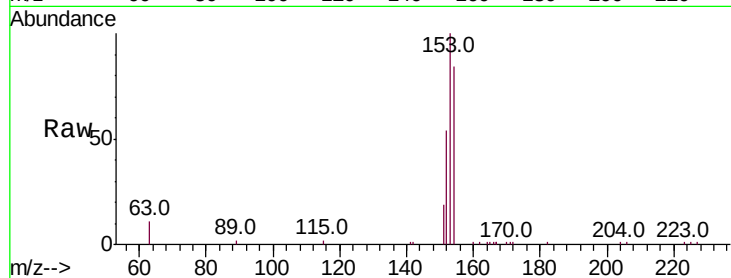
Tot Ion:154 Resp: 13071

Ion Ratio Lower Upper

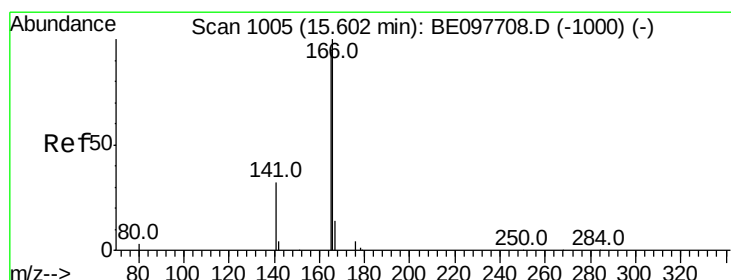
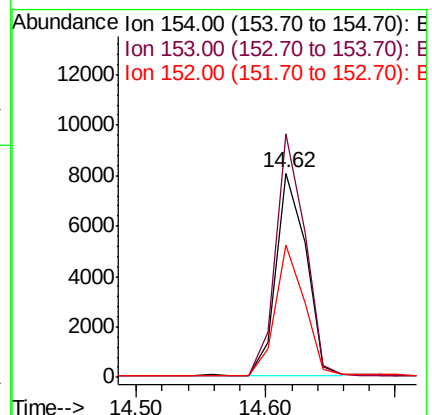
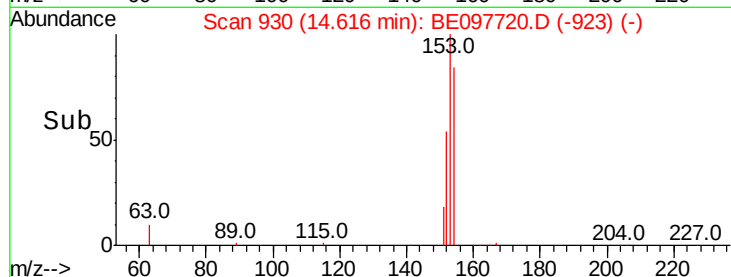
154 100

153 115.8 93.3 139.9

152 62.4 48.9 73.3



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: 0.373 ng

RT: 15.60 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

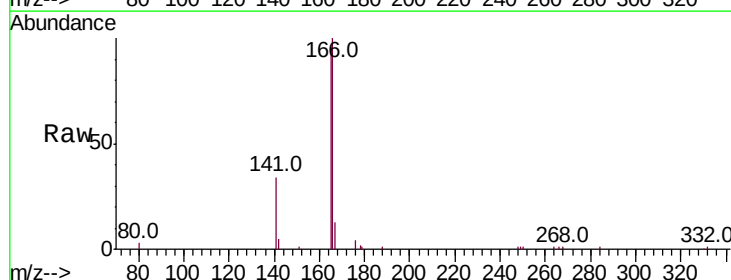
Tgt Ion:166 Resp: 17027

Ion Ratio Lower Upper

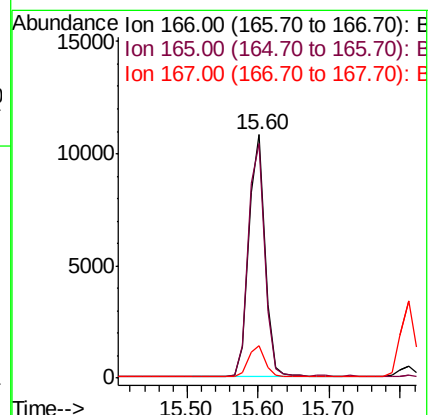
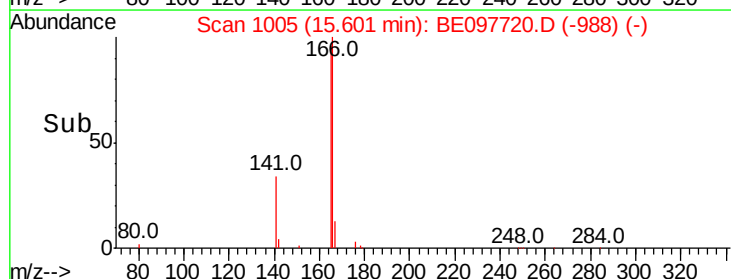
166 100

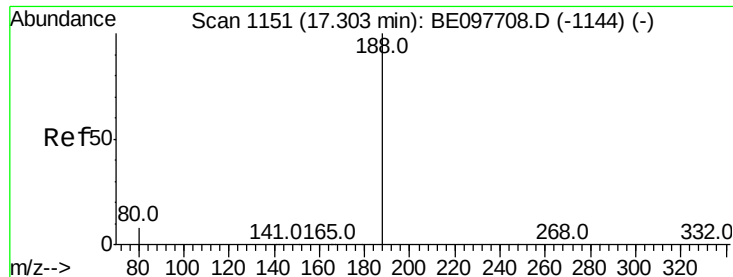
165 99.7 79.0 118.4

167 13.6 11.1 16.7



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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

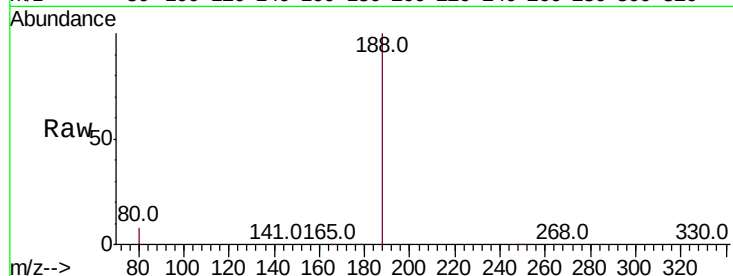
Tot Ion:188 Resp: 32758

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

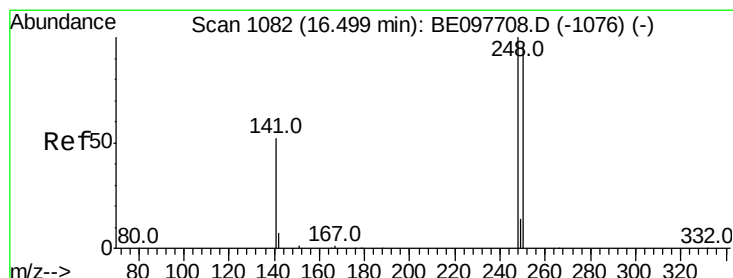
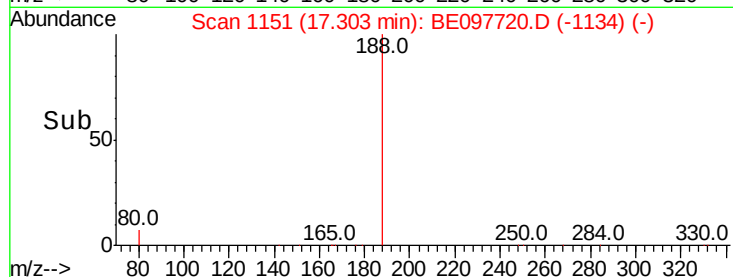
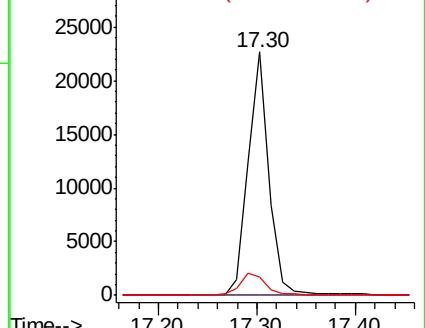
80 7.8 6.6 9.8



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: 0.379 ng

RT: 16.50 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

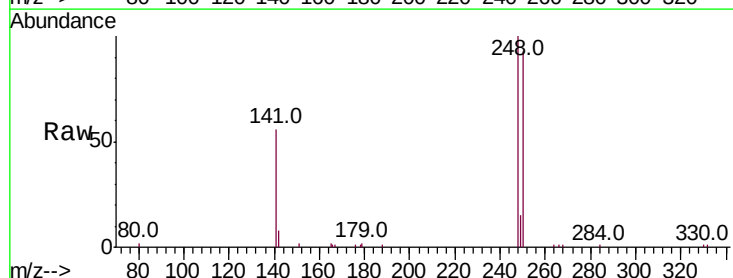
Tgt Ion:248 Resp: 6507

Ion Ratio Lower Upper

248 100

250 93.0 76.1 114.1

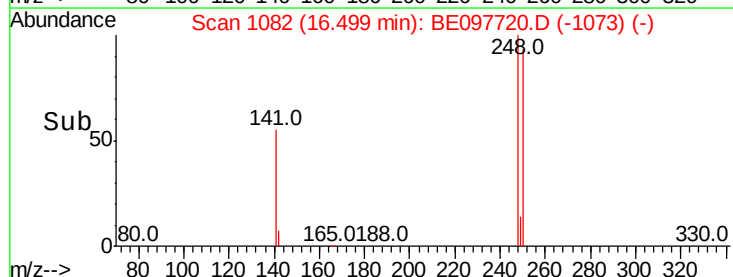
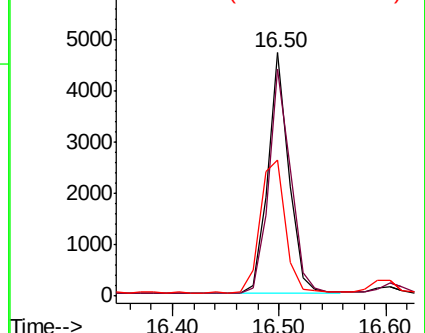
141 55.7 42.2 63.4

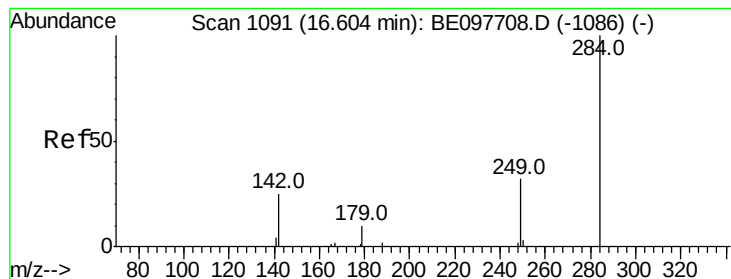


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.391 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

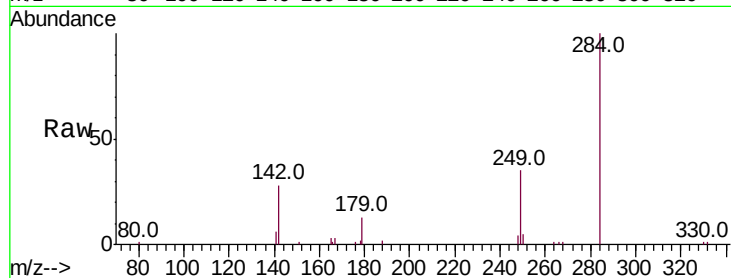
Tot Ion:284 Resp: 7565

Ion Ratio Lower Upper

284 100

142 30.8 24.9 37.3

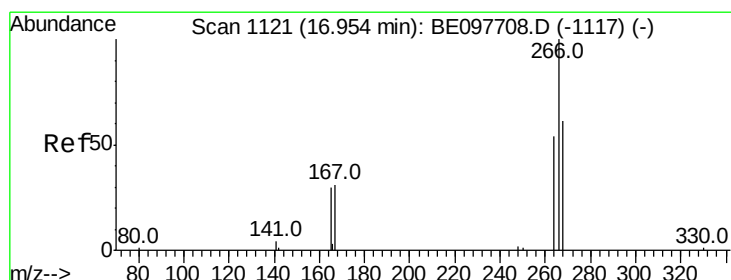
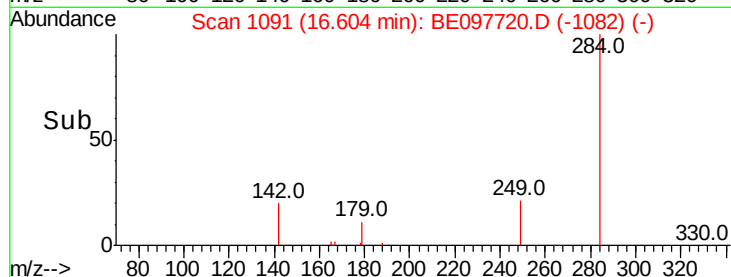
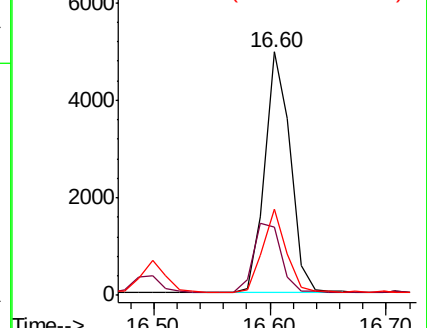
249 31.5 25.8 38.8



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: 0.332 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

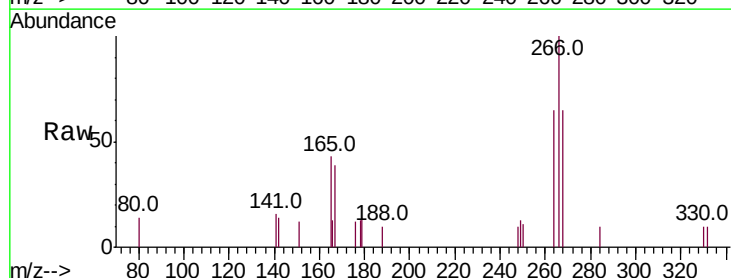
Tgt Ion:266 Resp: 1007

Ion Ratio Lower Upper

266 100

264 64.7 46.8 70.2

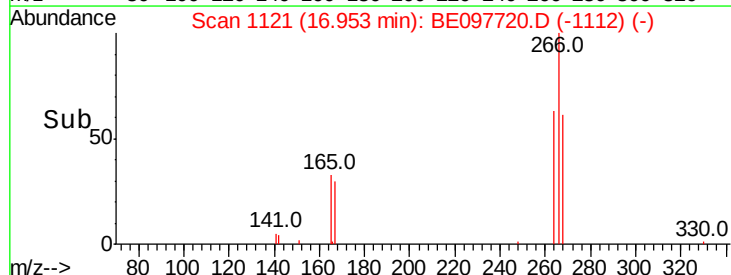
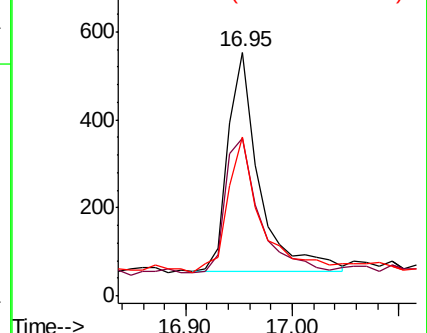
268 65.1 53.0 79.6

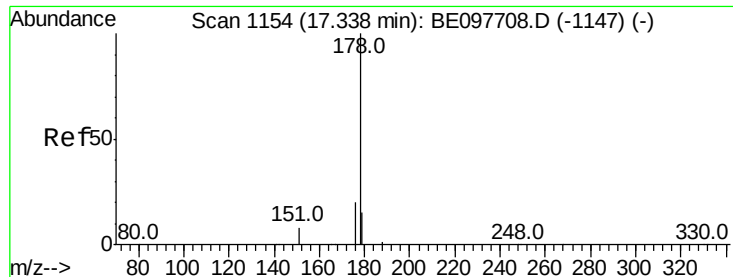


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

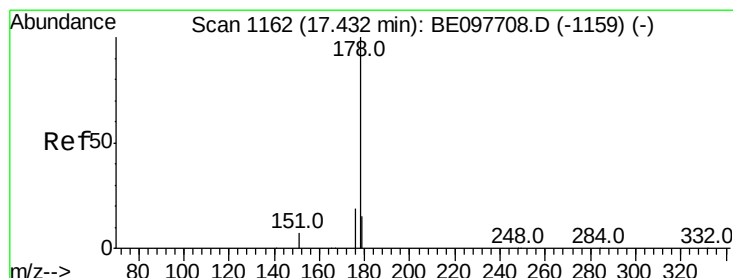
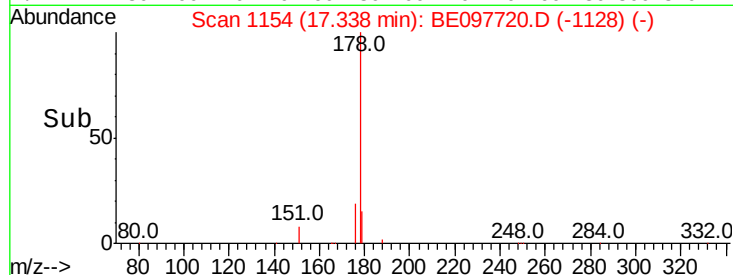
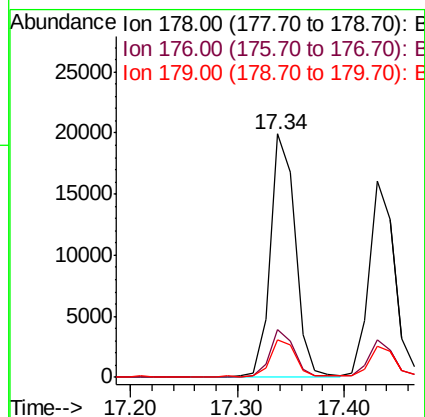
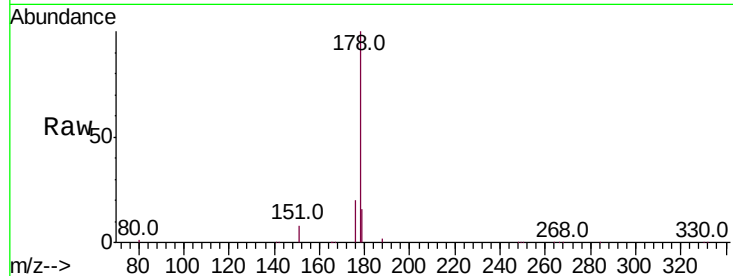




#23
Phenanthrene
Concen: 0.379 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097720.D
Acq: 4 Oct 2018 9:05

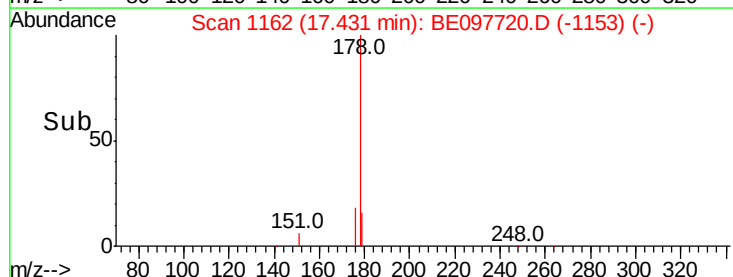
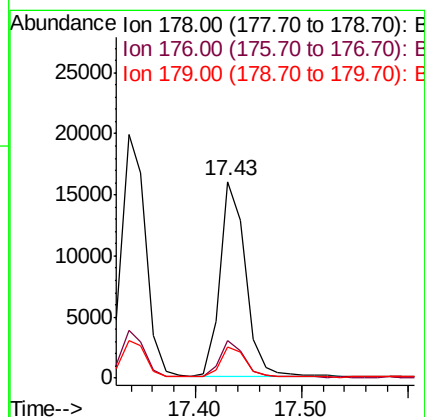
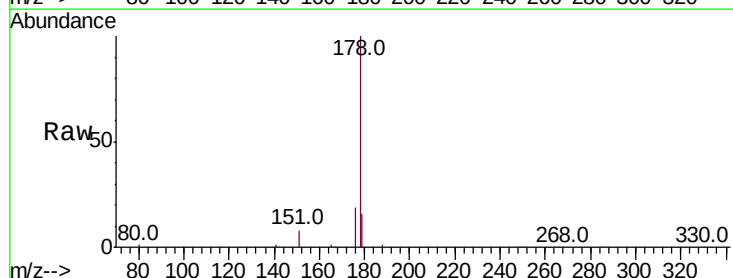
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

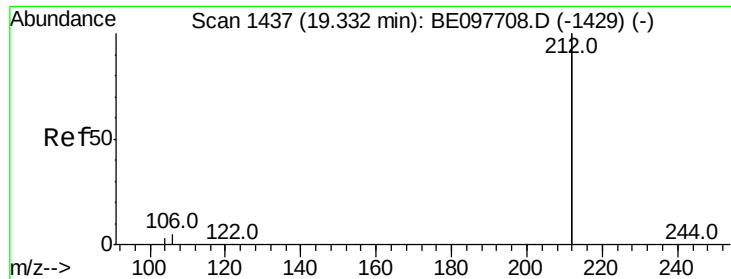
Tot Ion:178 Resp: 31993
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.7 12.2 18.4



#24
Anthracene
Concen: 0.363 ng
RT: 17.43 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE097720.D
Acq: 4 Oct 2018 9:05

Tgt Ion:178 Resp: 26475
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.8 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

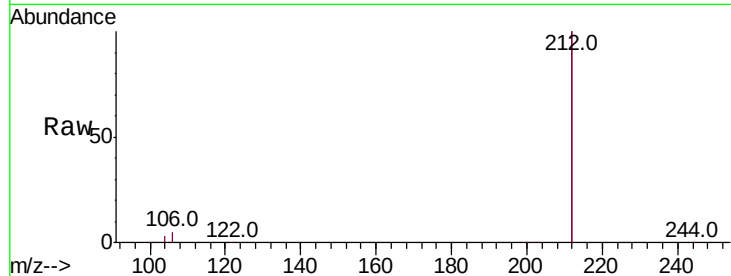
Tot Ion:212 Resp: 151854

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

104 1.6 1.2 1.8



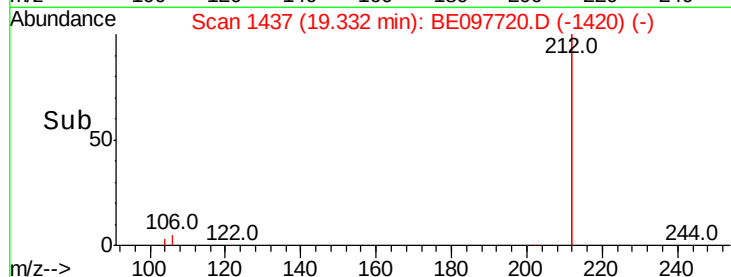
Abundance

Ion 212.00 (211.70 to 212.70): E

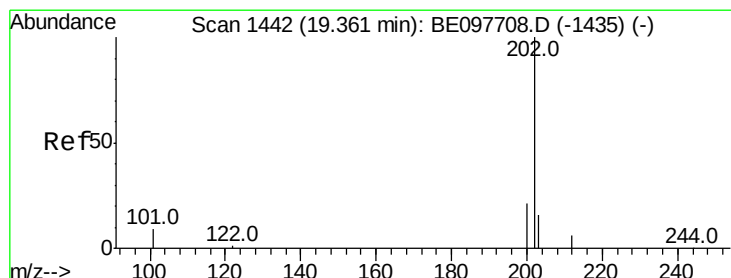
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

19.33



Time--> 19.20 19.30 19.40



#26

Fluoranthene

Concen: 0.368 ng

RT: 19.36 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

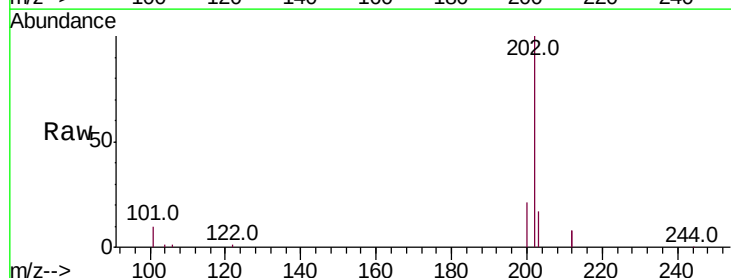
Tgt Ion:202 Resp: 39579

Ion Ratio Lower Upper

202 100

101 10.3 7.8 11.8

203 16.8 13.8 20.6



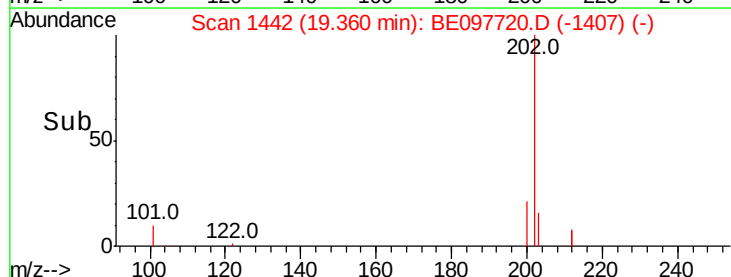
Abundance

Ion 202.00 (201.70 to 202.70): E

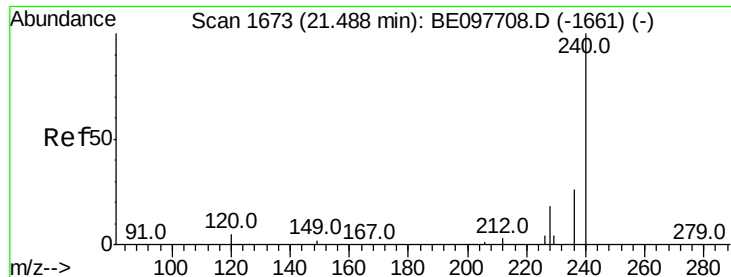
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.36



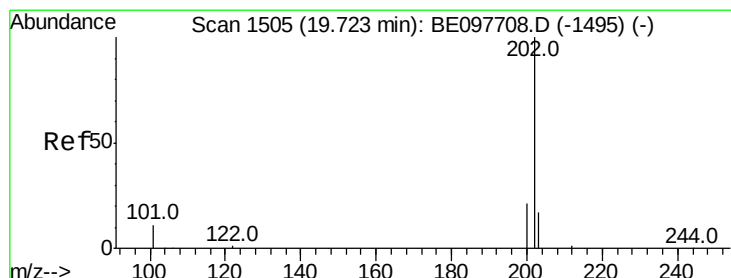
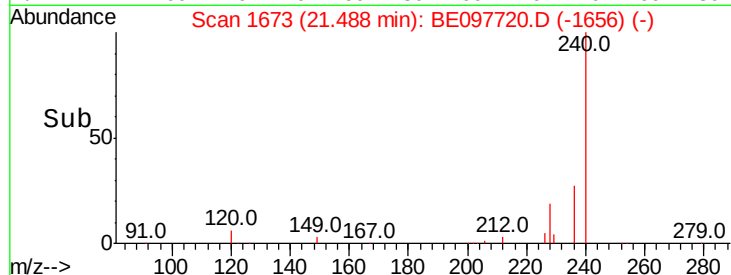
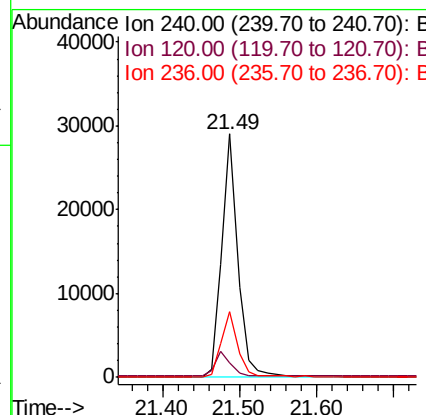
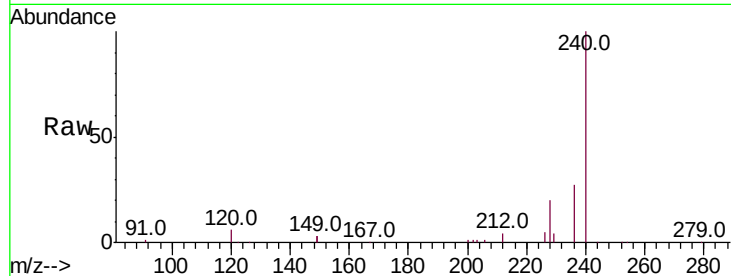
Time--> 19.30 19.40



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BE097720.D
 Acq: 4 Oct 2018 9:05

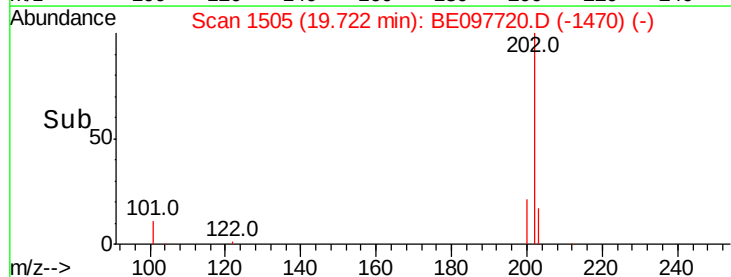
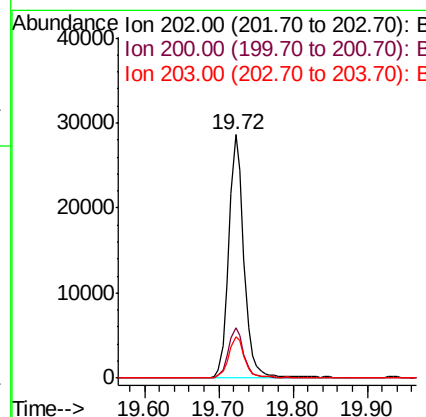
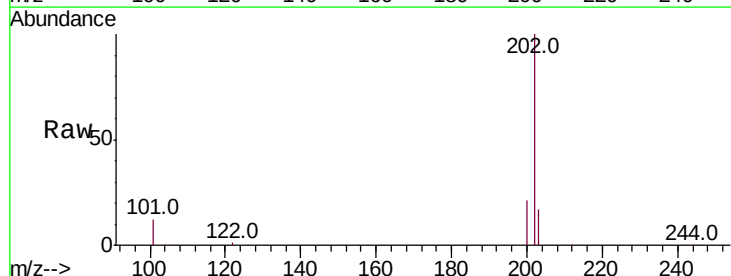
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

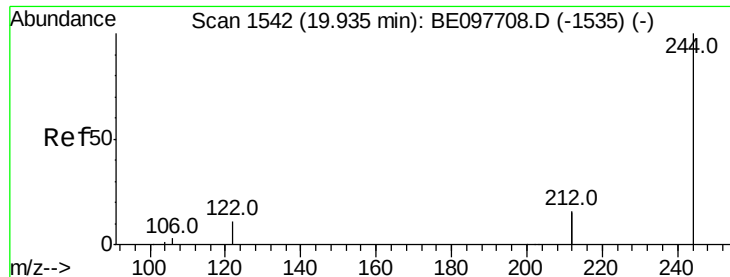
Tot Ion:240 Resp: 42181
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.7 7.1
 236 26.8 20.8 31.2



#28
 Pyrene
 Concen: 0.378 ng
 RT: 19.72 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BE097720.D
 Acq: 4 Oct 2018 9:05

Tgt Ion:202 Resp: 40483
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.7 25.1
 203 17.3 13.9 20.9





#29

Terphenyl-d14

Concen: 0.373 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

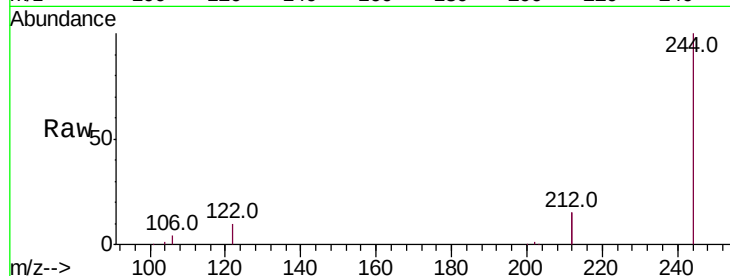
Tot Ion:244 Resp: 32089

Ion Ratio Lower Upper

244 100

212 31.0 25.8 38.8

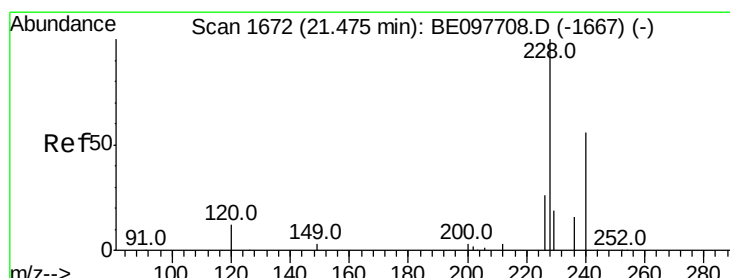
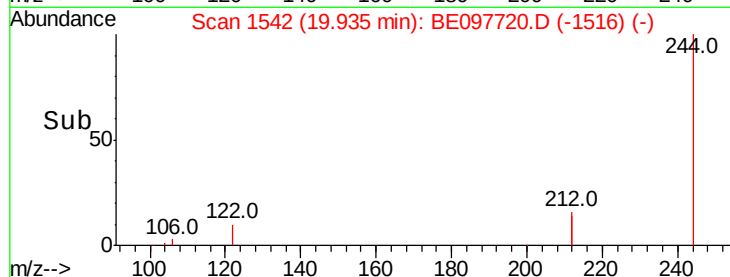
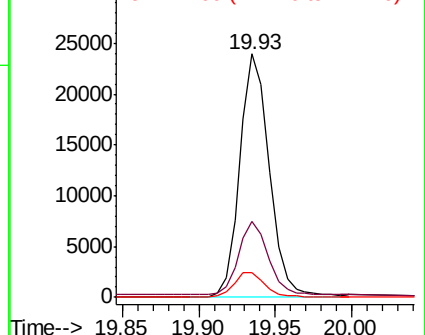
122 10.2 8.7 13.1



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: 0.356 ng

RT: 21.48 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

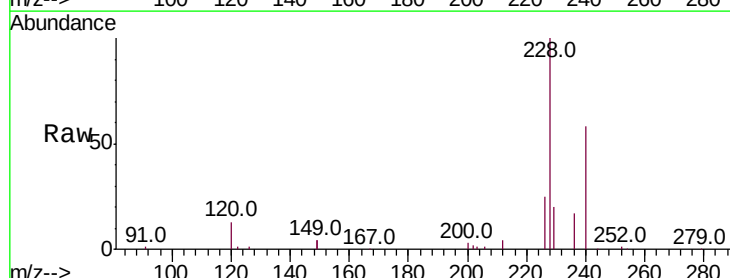
Tgt Ion:228 Resp: 40370

Ion Ratio Lower Upper

228 100

226 24.7 20.7 31.1

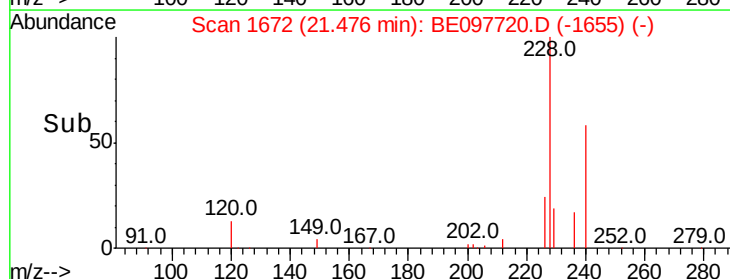
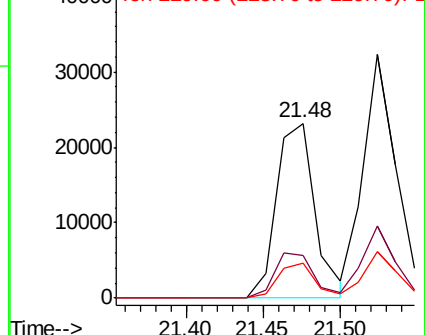
229 19.7 15.7 23.5

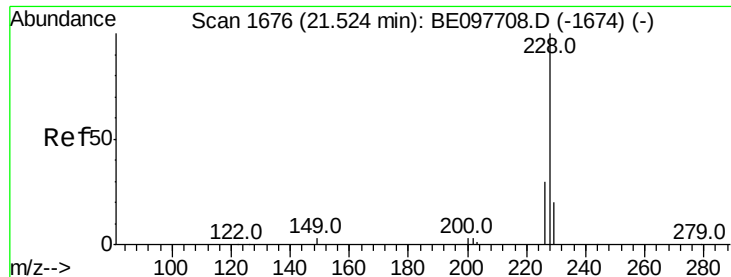


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.381 ng

RT: 21.52 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

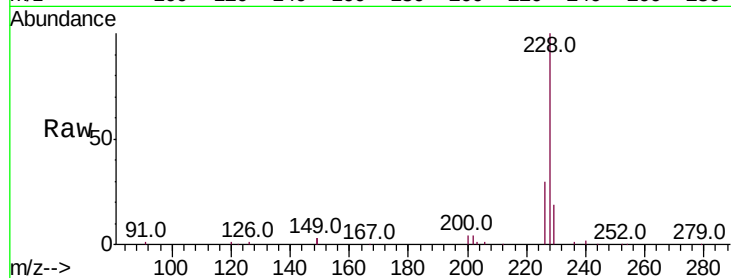
Tot Ion:228 Resp: 48248

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

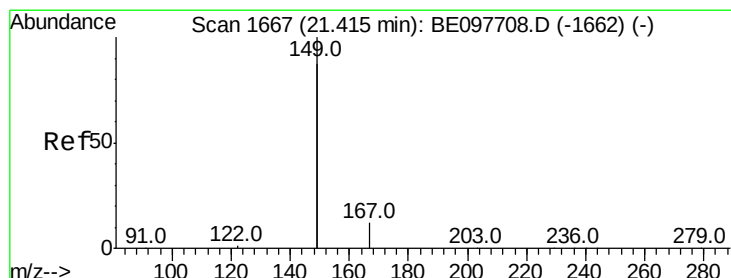
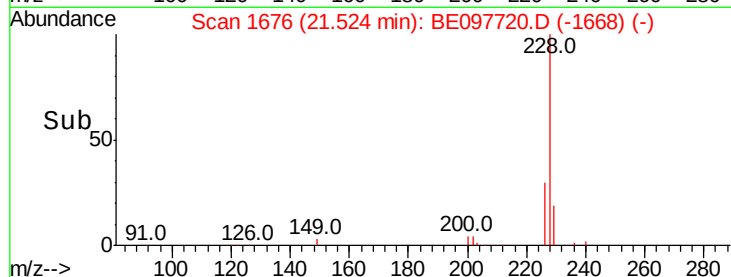
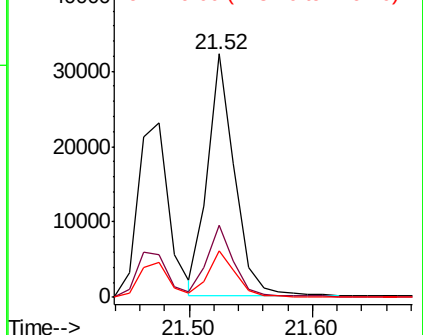
229 19.2 16.0 24.0



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: 0.285 ng

RT: 21.42 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

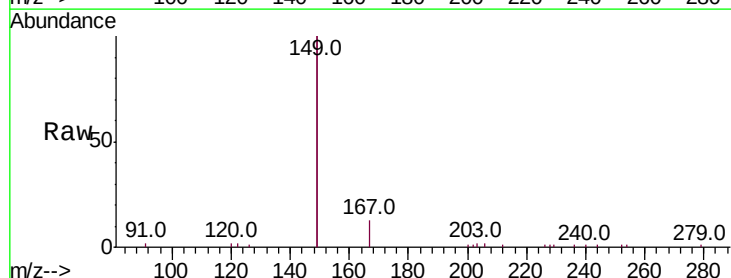
Tgt Ion:149 Resp: 23676

Ion Ratio Lower Upper

149 100

167 7.1 5.5 8.3

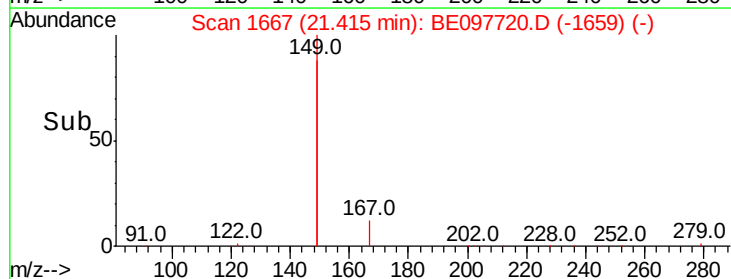
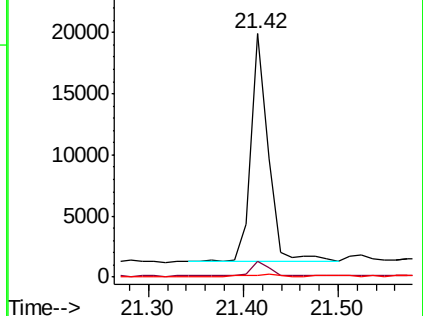
279 1.2 0.9 1.3

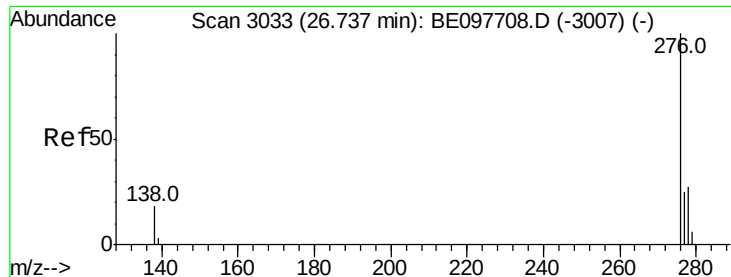


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

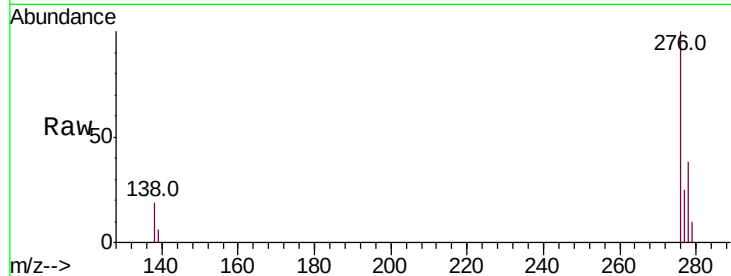




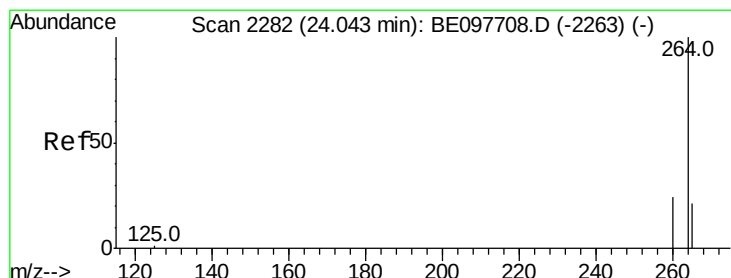
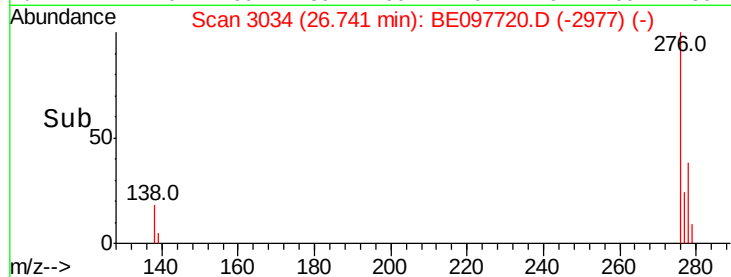
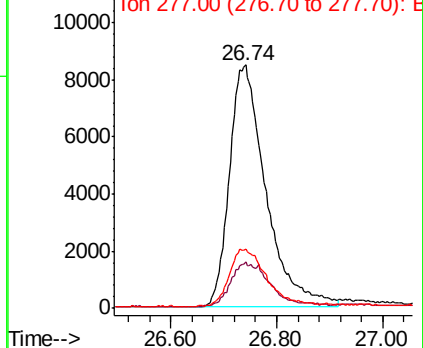
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.368 ng
 RT: 26.74 min Scan# 3034
 Delta R.T. 0.00 min
 Lab File: BE097720.D
 Acq: 4 Oct 2018 9:05

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 40554
 Ion Ratio Lower Upper
 276 100
 138 19.1 15.0 22.6
 277 23.8 19.2 28.8

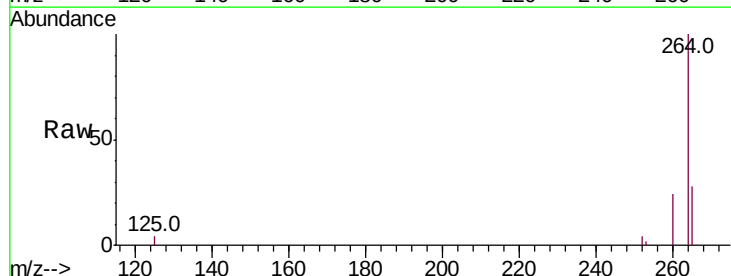


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

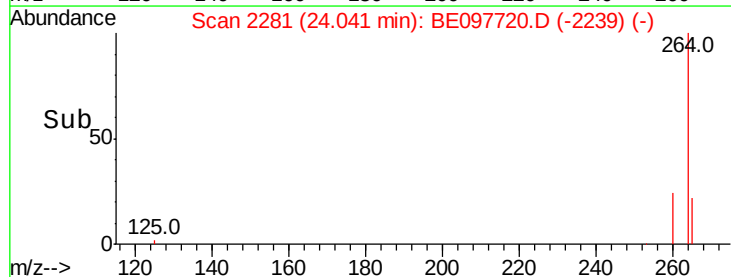
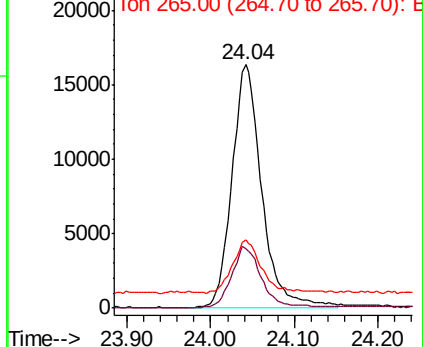


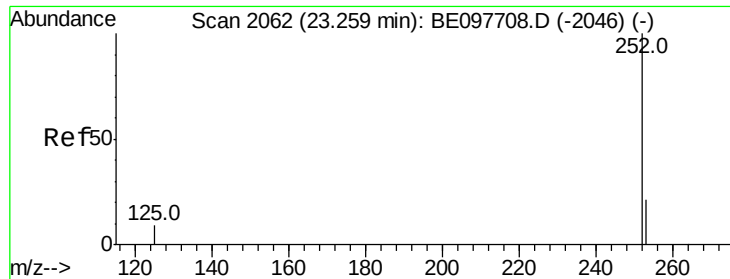
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.04 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BE097720.D
 Acq: 4 Oct 2018 9:05

Tgt Ion:264 Resp: 39886
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 28.1 21.9 32.9



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





#35

Benzo(b)fluoranthene

Concen: 0.340 ng

RT: 23.26 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

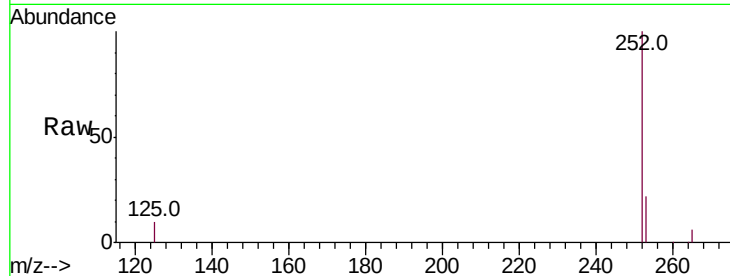
Tot Ion:252 Resp: 37215

Ion Ratio Lower Upper

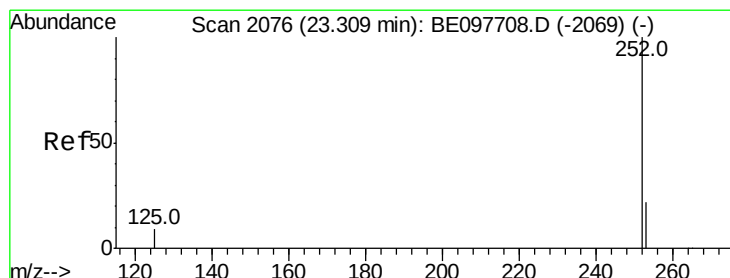
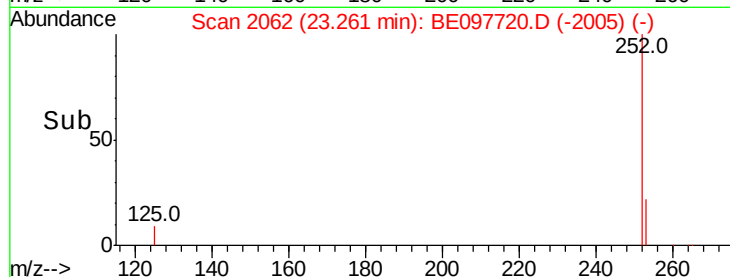
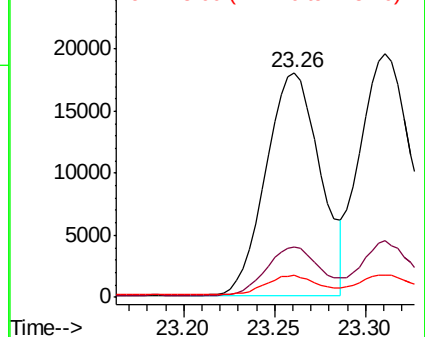
252 100

253 22.3 17.5 26.3

125 9.7 7.8 11.8



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: 0.356 ng

RT: 23.31 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

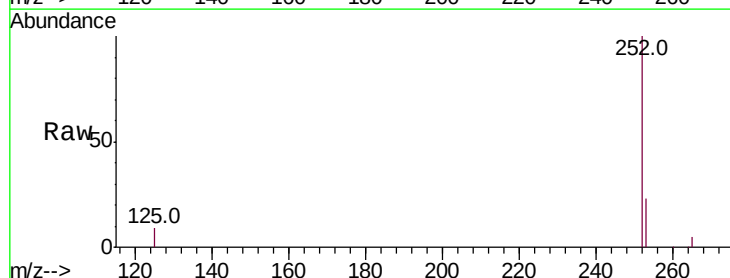
Tgt Ion:252 Resp: 43177

Ion Ratio Lower Upper

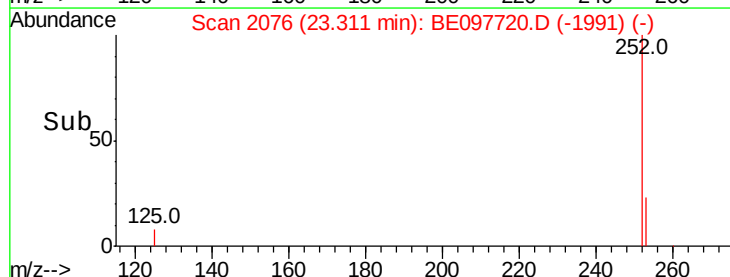
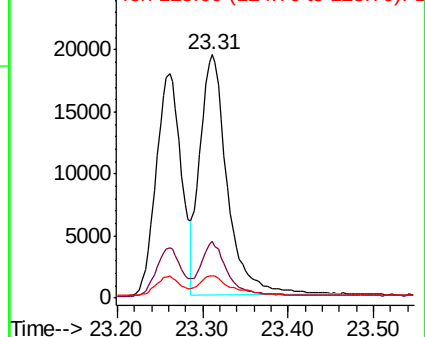
252 100

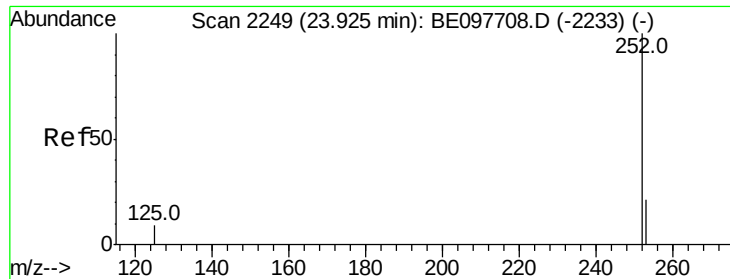
253 23.3 17.5 26.3

125 9.2 7.5 11.3



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: 0.334 ng

RT: 23.92 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

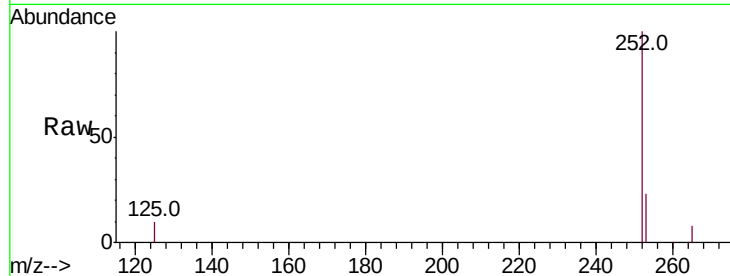
Tot Ion:252 Resp: 33106

Ion Ratio Lower Upper

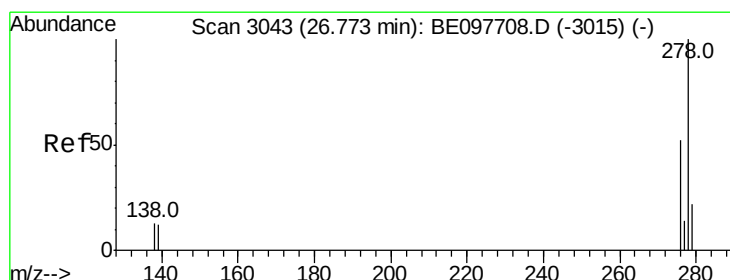
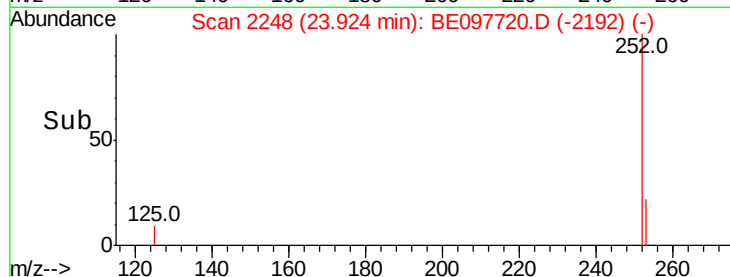
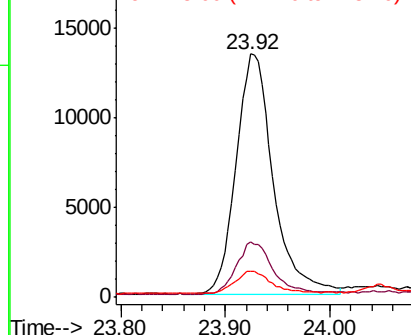
252 100

253 22.8 17.7 26.5

125 10.5 8.3 12.5



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: 0.344 ng

RT: 26.77 min Scan# 3043

Delta R.T. 0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

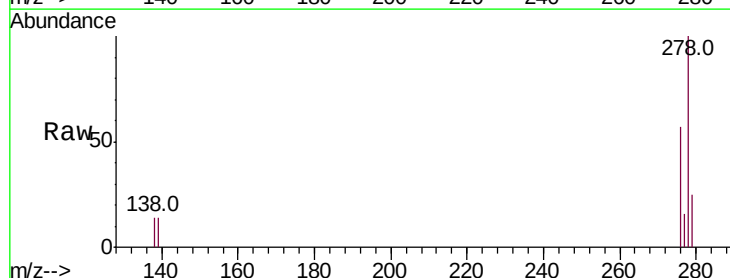
Tgt Ion:278 Resp: 33568

Ion Ratio Lower Upper

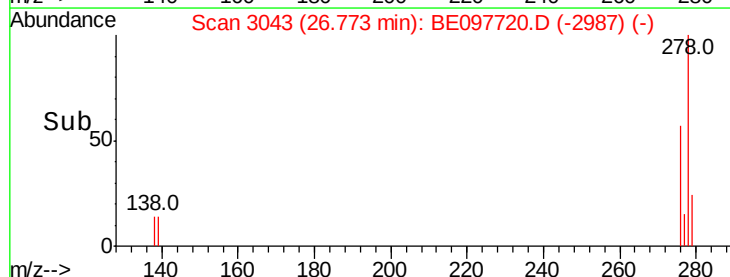
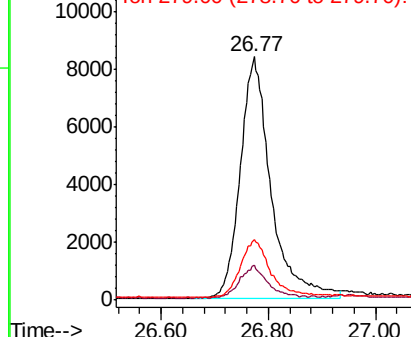
278 100

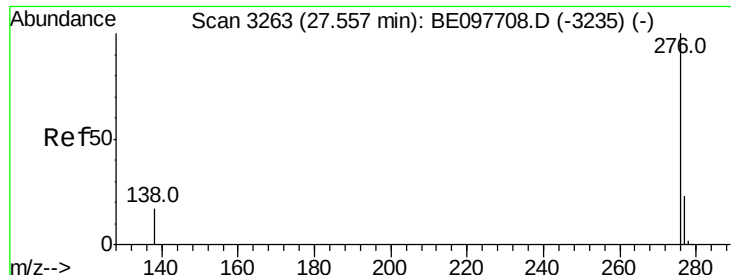
139 14.4 10.3 15.5

279 24.9 18.4 27.6



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: 0.350 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.00 min

Lab File: BE097720.D

Acq: 4 Oct 2018 9:05

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

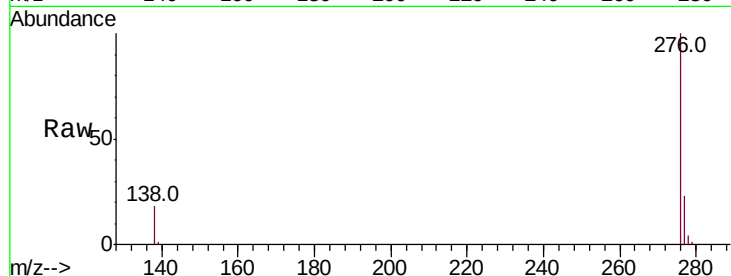
Tot Ion:276 Resp: 35731

Ion Ratio Lower Upper

276 100

277 23.0 19.1 28.7

138 18.1 14.2 21.2



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

