

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100918\
 Data File : BE097814.D
 Acq On : 9 Oct 2018 12:45
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 09 14:14:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 09 11:59:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3511	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	15026	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8879	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	24228	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	30143	0.40	ng	-0.01
34) Perylene-d12	24.02	264	28165	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	3057	0.37	ng	-0.01
5) Phenol-d6	7.04	99	4338	0.34	ng	-0.01
8) Nitrobenzene-d5	9.04	82	3162	0.65	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	9194	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	638	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	14431	0.37	ng	-0.01
25) Fluoranthene-d10	19.32	212	113022	0.37	ng	-0.01
29) Terphenyl-d14	19.92	244	25143	0.41	ng	-0.01

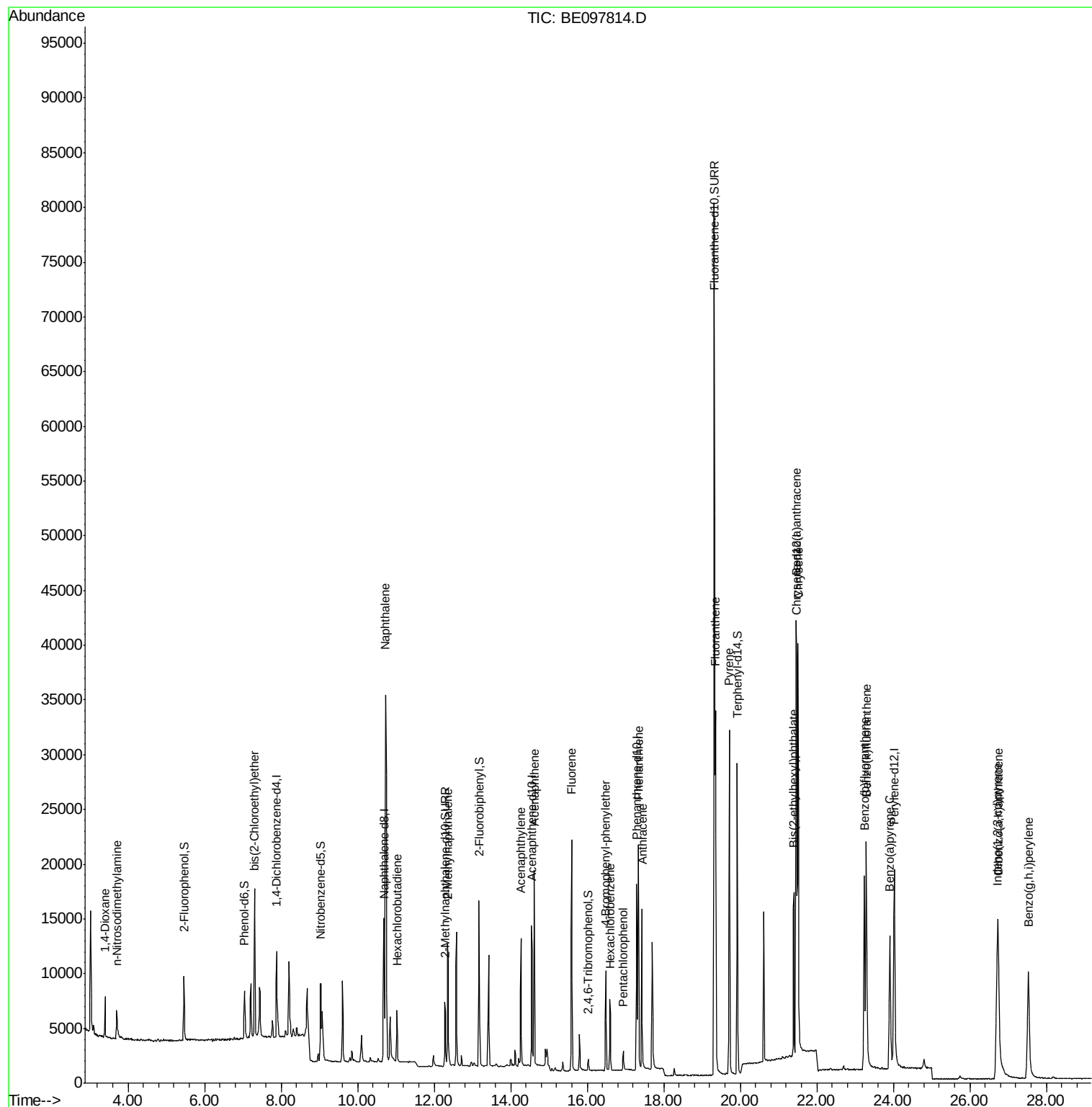
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	2763	0.395	ng	92
3) n-Nitrosodimethylamine	3.71	42	2203	0.346	ng	# 96
6) bis(2-Chloroethyl)ether	7.31	93	4985	0.378	ng	96
9) Naphthalene	10.73	128	57446	0.379	ng	100
10) Hexachlorobutadiene	11.03	225	3221	0.401	ng	97
12) 2-Methylnaphthalene	12.35	142	9491	0.392	ng	97
16) Acenaphthylene	14.27	152	13844	0.352	ng	99
17) Acenaphthene	14.62	154	9409	0.374	ng	99
18) Fluorene	15.59	166	12414	0.371	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4922	0.387	ng	96
21) Hexachlorobenzene	16.60	284	5383	0.377	ng	99
22) Pentachlorophenol	16.94	266	1037	0.462	ng	95
23) Phenanthrene	17.34	178	23526	0.377	ng	99
24) Anthracene	17.43	178	18555	0.344	ng	99
26) Fluoranthene	19.35	202	29622	0.372	ng	99
28) Pyrene	19.71	202	30393	0.397	ng	100
30) Benzo(a)anthracene	21.46	228	29309	0.362	ng	99
31) Chrysene	21.51	228	35086	0.387	ng	99
32) Bis(2-ethylhexyl)phthalate	21.40	149	21201	0.358	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	28397	0.361	ng	# 89
35) Benzo(b)fluoranthene	23.24	252	26437	0.342	ng	99
36) Benzo(k)fluoranthene	23.29	252	33269	0.388	ng	98
37) Benzo(a)pyrene	23.91	252	23215	0.332	ng	99
38) Dibenzo(a,h)anthracene	26.74	278	23883	0.346	ng	96
39) Benzo(g,h,i)perylene	27.53	276	25980	0.360	ng	99

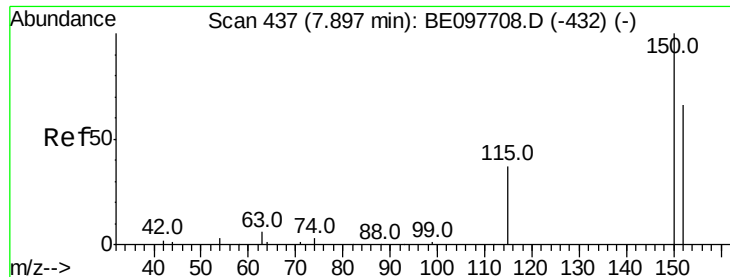
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 09 14:14:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
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QLast Update : Tue Oct 09 11:59:33 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

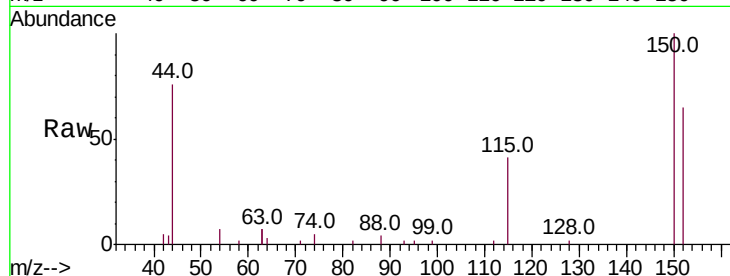
Tot Ion:152 Resp: 3511

Ion Ratio Lower Upper

152 100

150 154.5 120.9 181.3

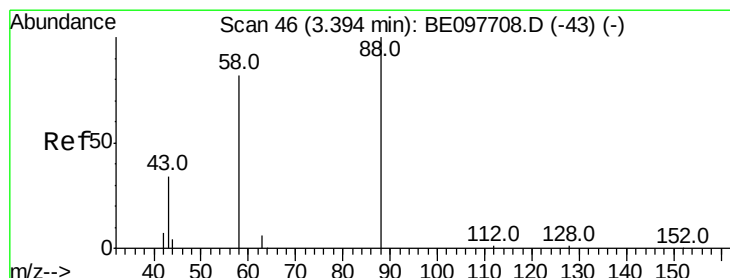
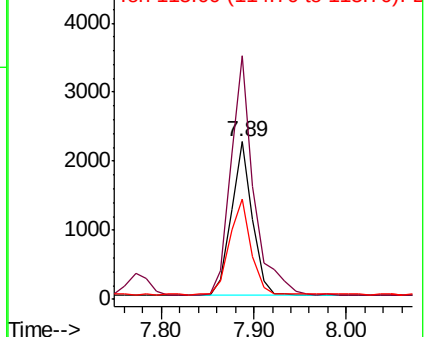
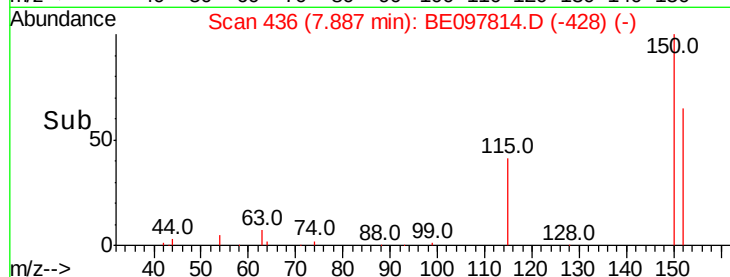
115 63.7 46.6 69.8



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: 0.395 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

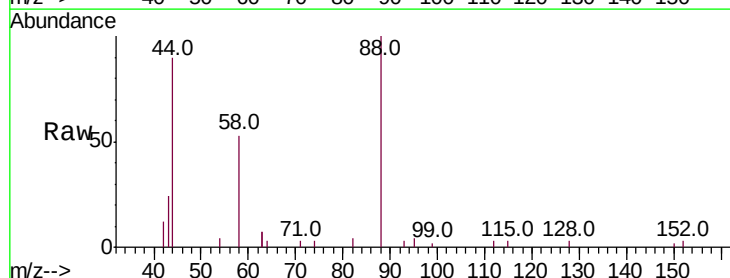
Tgt Ion: 88 Resp: 2763

Ion Ratio Lower Upper

88 100

58 81.8 70.8 106.2

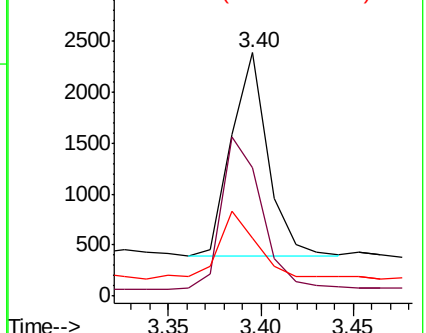
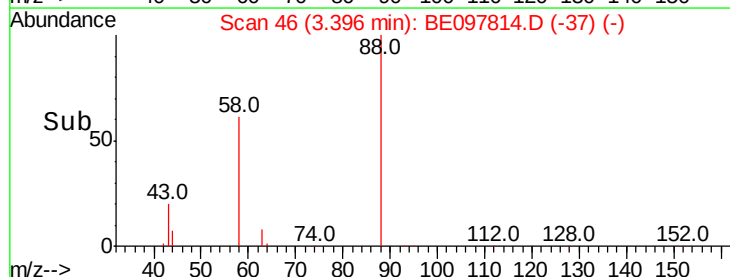
43 35.9 33.3 49.9

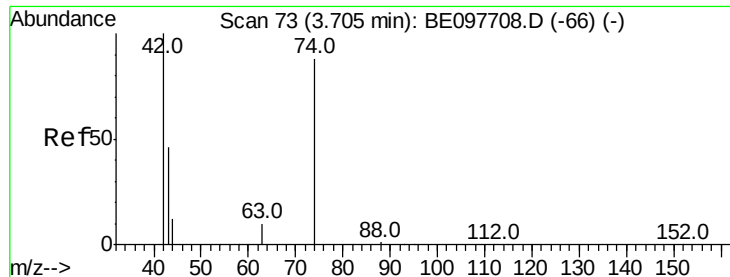


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.346 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.00 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

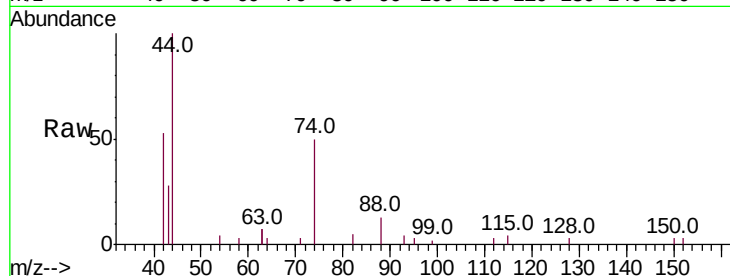
Tot Ion: 42 Resp: 2203

Ion Ratio Lower Upper

42 100

74 90.8 70.7 106.1

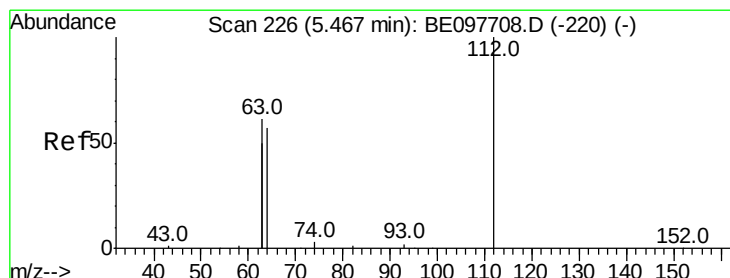
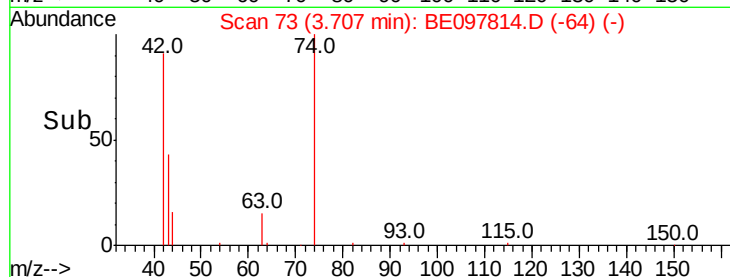
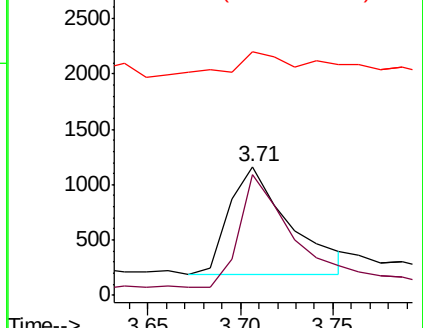
44 23.4 15.0 22.4#



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: 0.368 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

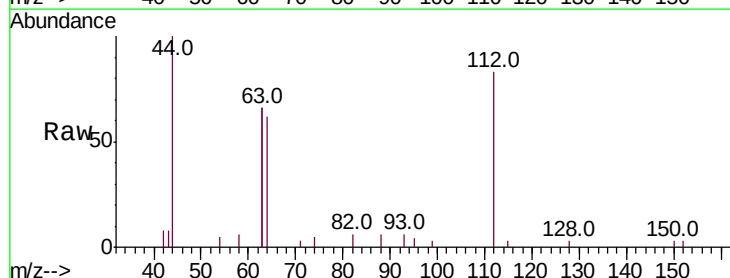
Tgt Ion: 112 Resp: 3057

Ion Ratio Lower Upper

112 100

64 68.2 56.6 84.8

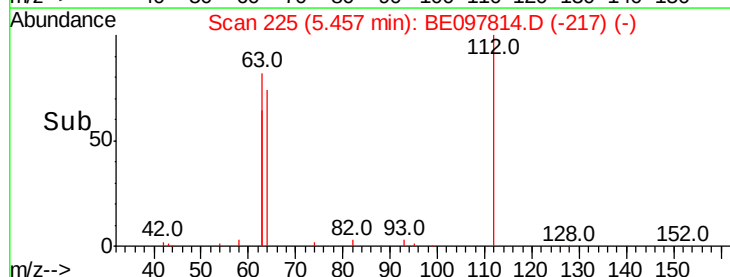
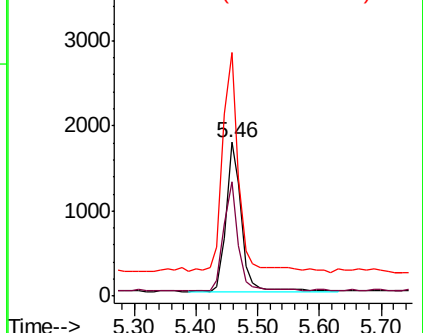
63 152.9 119.4 179.0

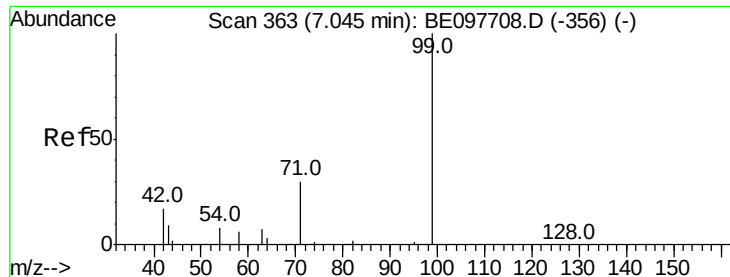


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.341 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

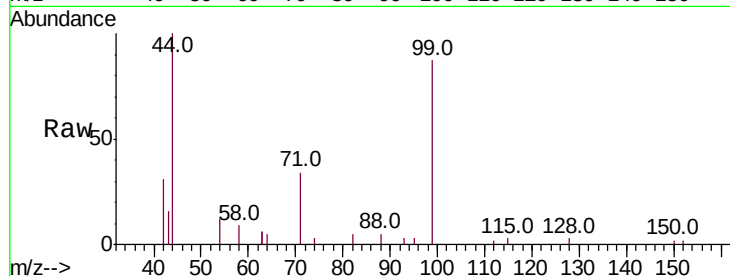
Tot Ion: 99 Resp: 4338

Ion Ratio Lower Upper

99 100

42 26.2 19.9 29.9

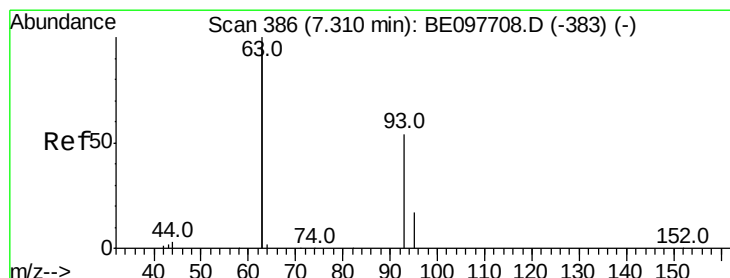
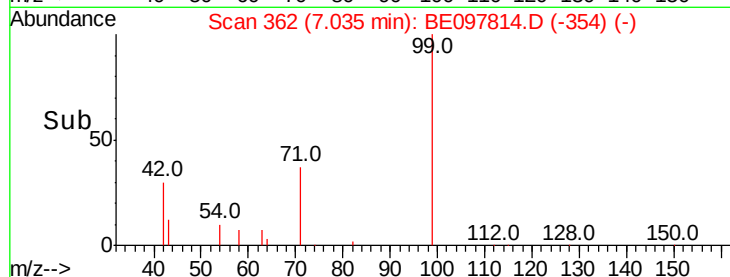
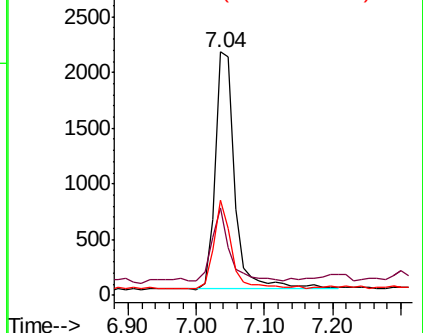
71 32.8 25.4 38.2



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: 0.378 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

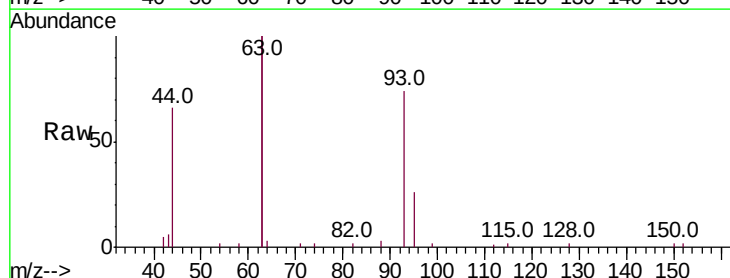
Tgt Ion: 93 Resp: 4985

Ion Ratio Lower Upper

93 100

63 325.0 266.9 400.3

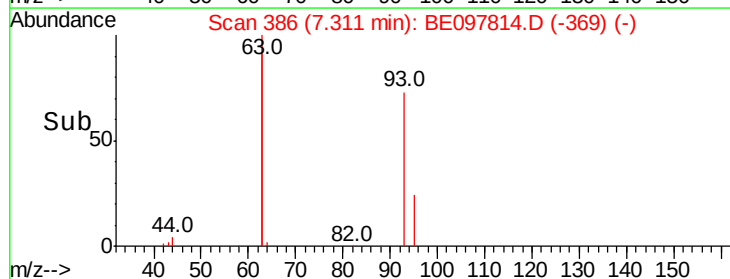
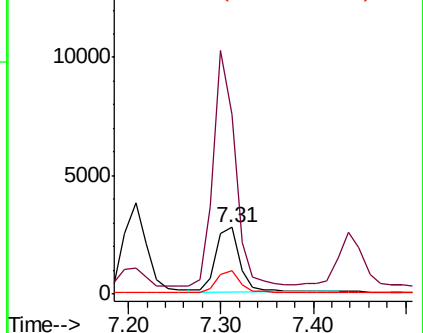
95 32.1 26.2 39.2

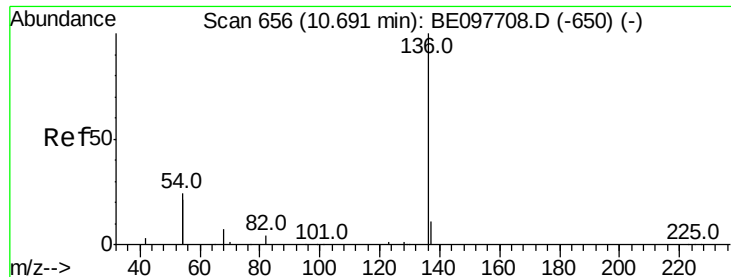


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 15026

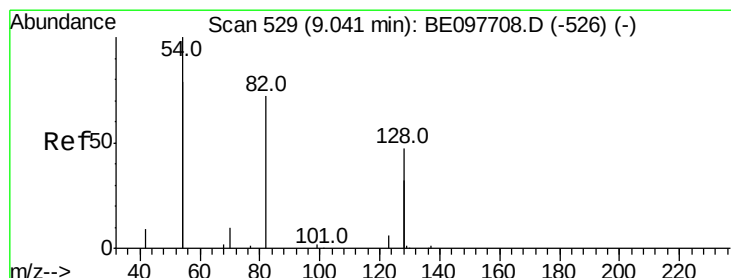
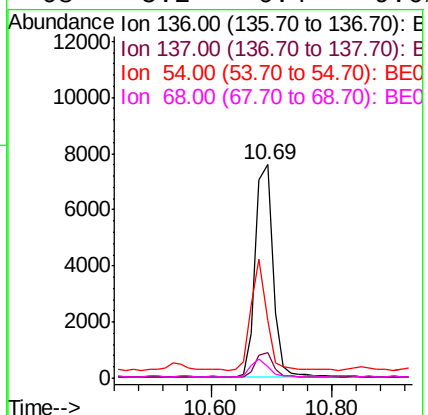
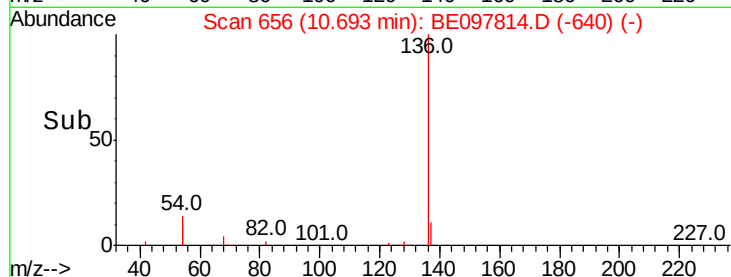
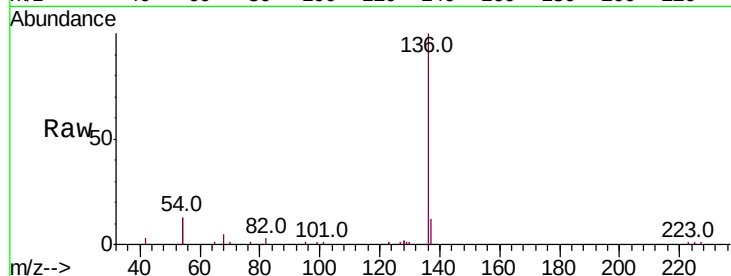
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 27.0 37.8 56.6#

68 5.2 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.648 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

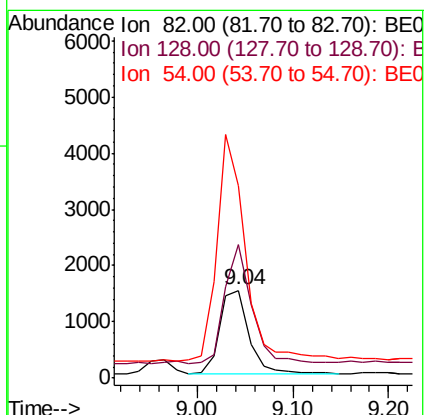
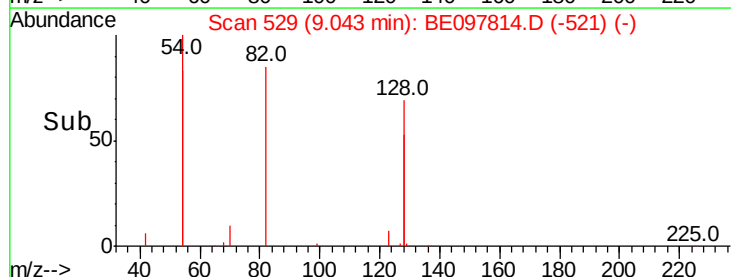
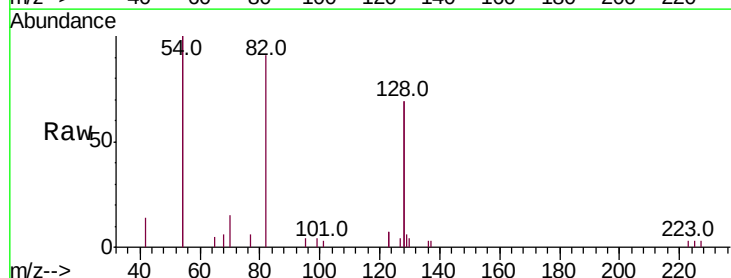
Tgt Ion: 82 Resp: 3162

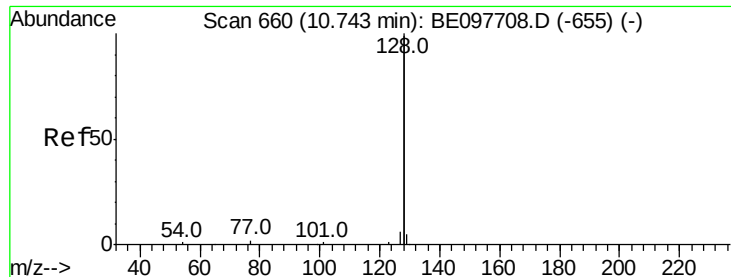
Ion Ratio Lower Upper

82 100

128 151.8 97.0 145.4#

54 219.0 206.9 310.3





#9

Naphthalene

Concen: 0.379 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

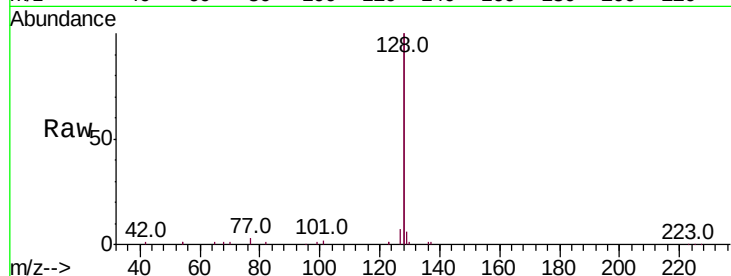
Tot Ion:128 Resp: 57446

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.2

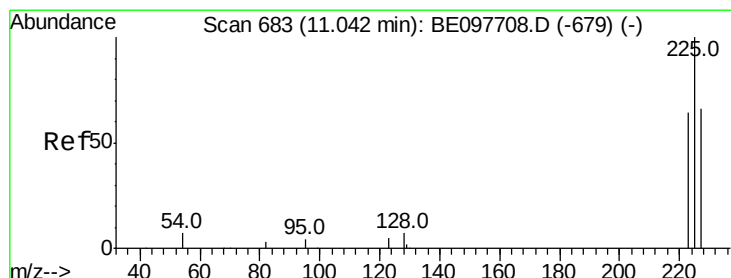
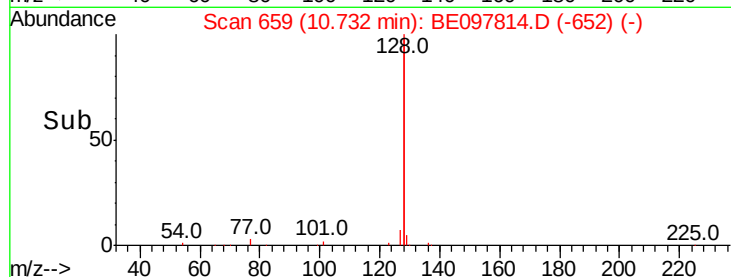
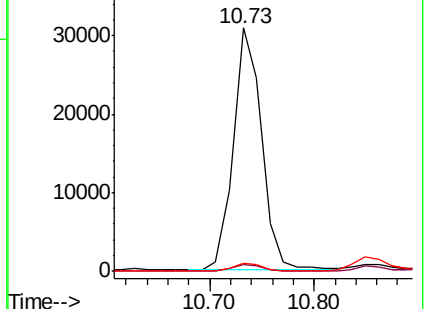
127 3.4 2.7 4.1



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: 0.401 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

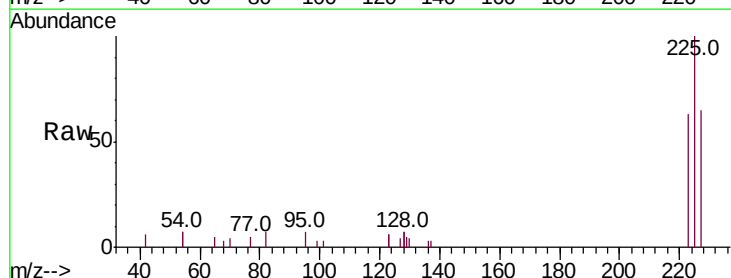
Tgt Ion:225 Resp: 3221

Ion Ratio Lower Upper

225 100

223 61.4 52.2 78.4

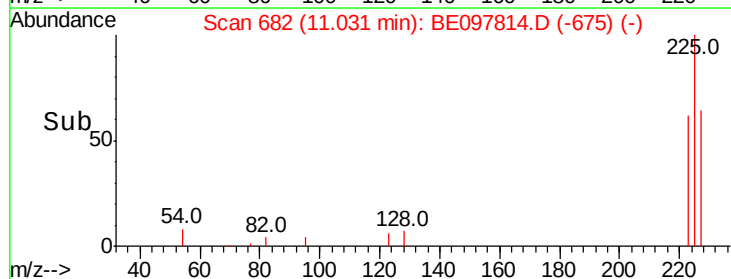
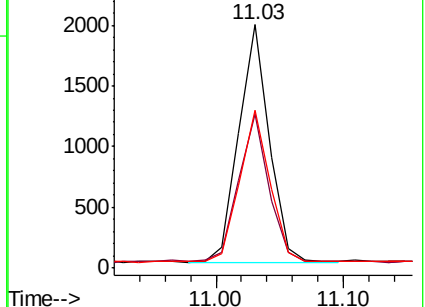
227 63.7 51.2 76.8

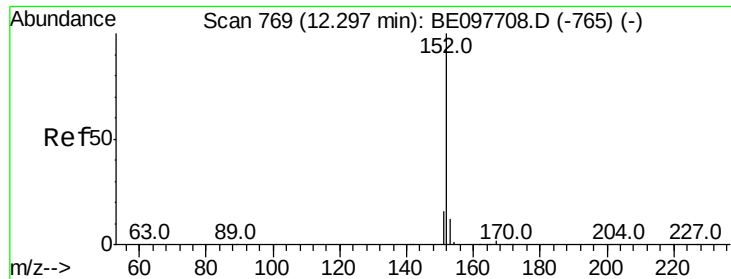


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

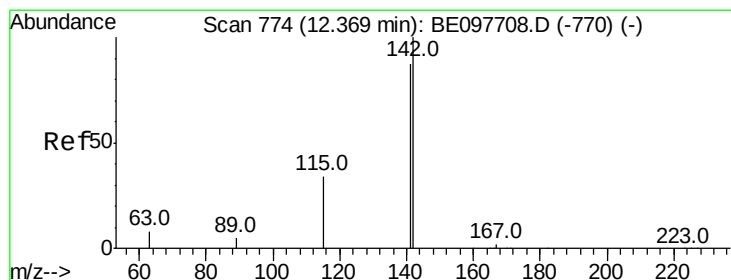
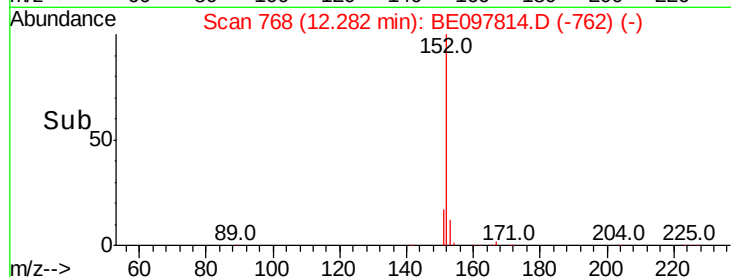
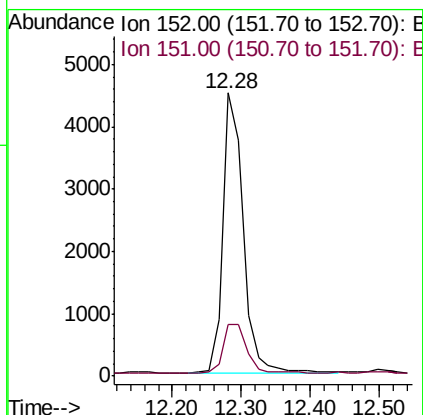
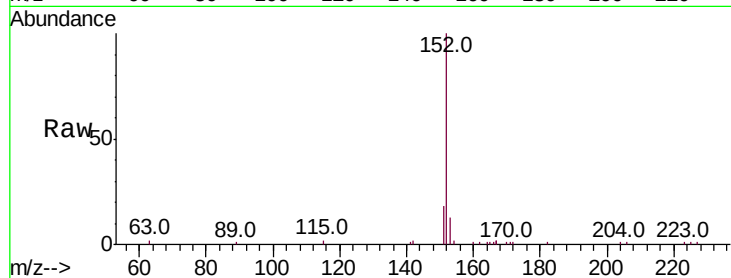




#11
 2-Methylnaphthalene-d10
 Concen: 0.385 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097814.D
 Acq: 9 Oct 2018 12:45

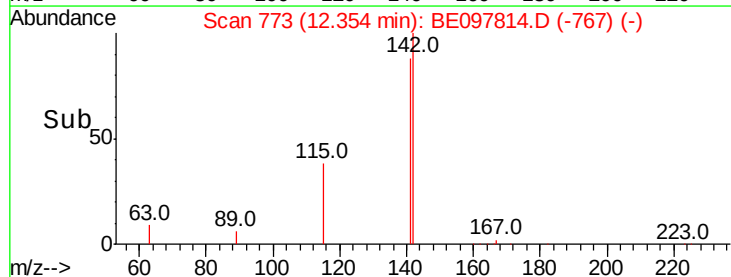
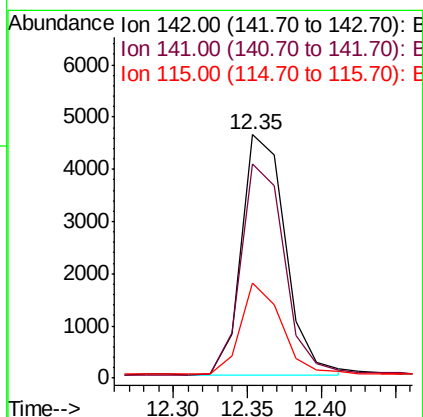
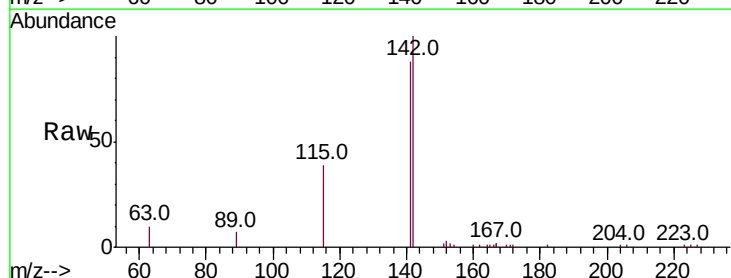
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

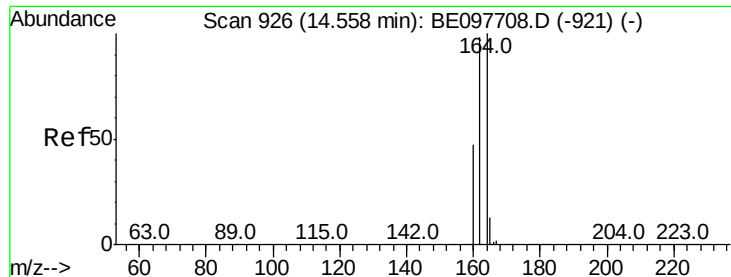
Tot Ion:152 Resp: 9194
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.392 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BE097814.D
 Acq: 9 Oct 2018 12:45

Tgt Ion:142 Resp: 9491
 Ion Ratio Lower Upper
 142 100
 141 88.2 69.4 104.2
 115 38.9 28.0 42.0

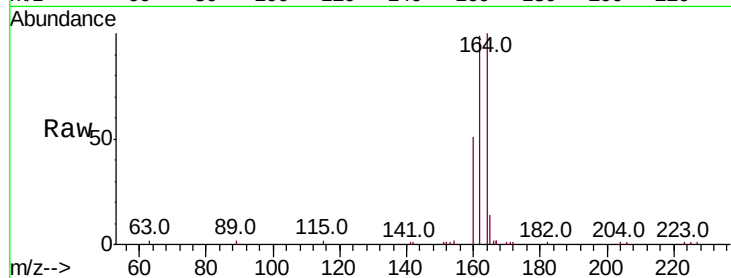




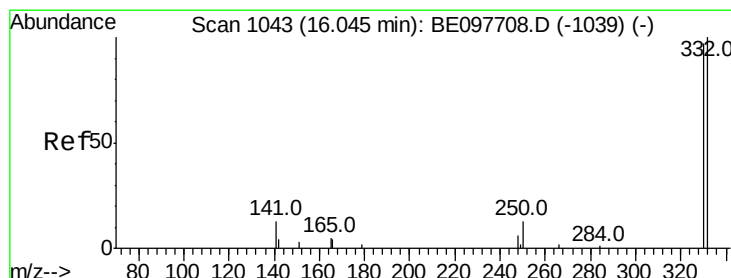
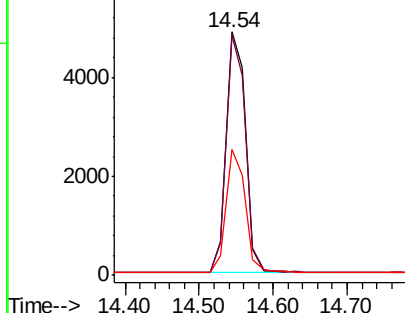
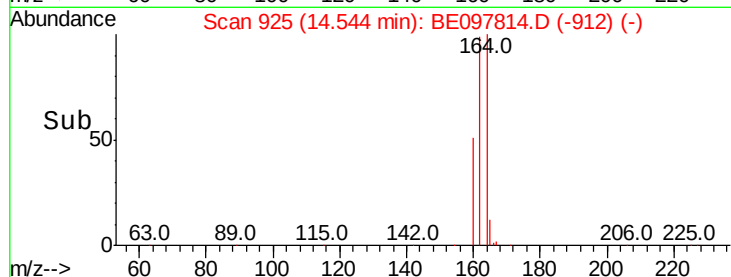
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097814.D
 Acq: 9 Oct 2018 12:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:164 Resp: 8879
 Ion Ratio Lower Upper
 164 100
 162 98.6 78.6 117.8
 160 51.5 37.8 56.6

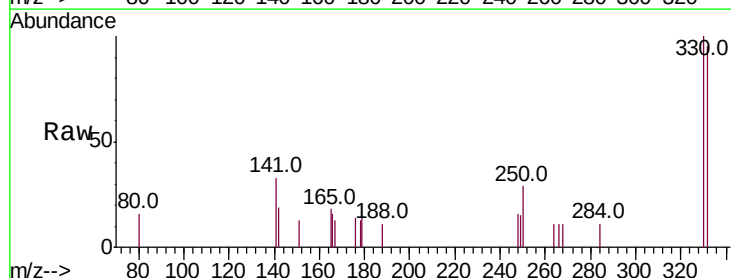


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

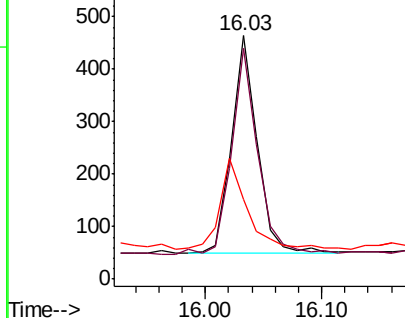
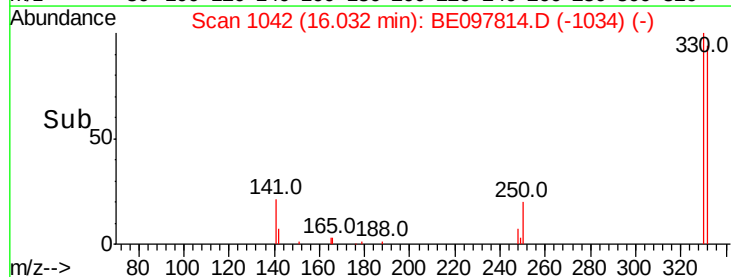


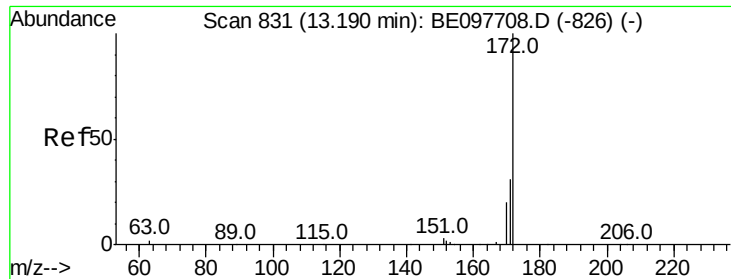
#14
 2,4,6-Tribromophenol
 Concen: 0.396 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097814.D
 Acq: 9 Oct 2018 12:45

Tgt Ion:330 Resp: 638
 Ion Ratio Lower Upper
 330 100
 332 95.9 83.5 125.3
 141 45.1 34.9 52.3



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

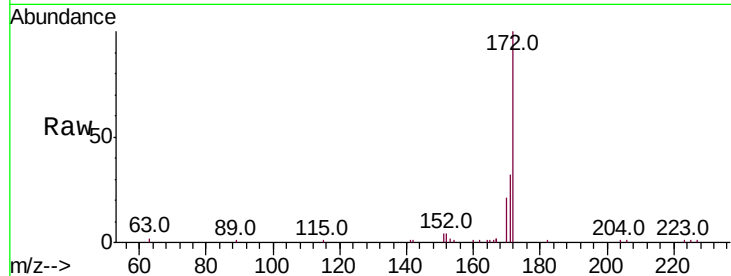




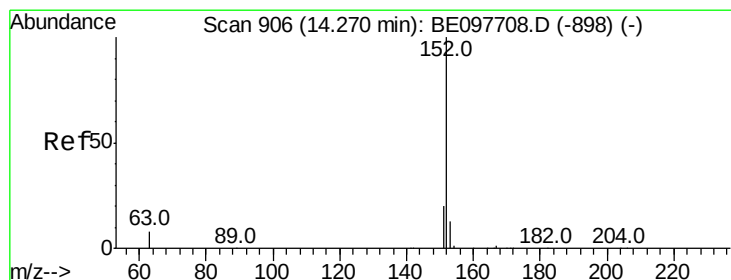
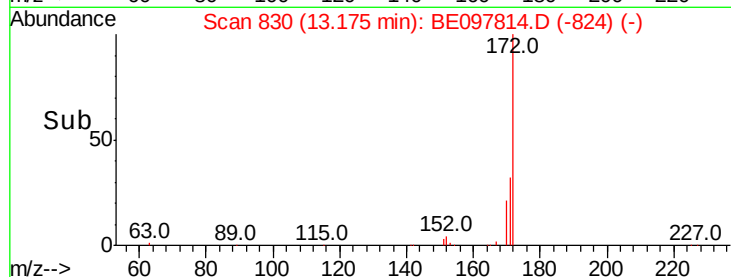
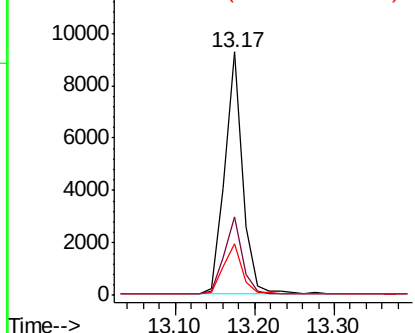
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BE097814.D
Acq: 9 Oct 2018 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 14431
Ion Ratio Lower Upper
172 100
171 32.2 25.2 37.8
170 21.2 16.2 24.2

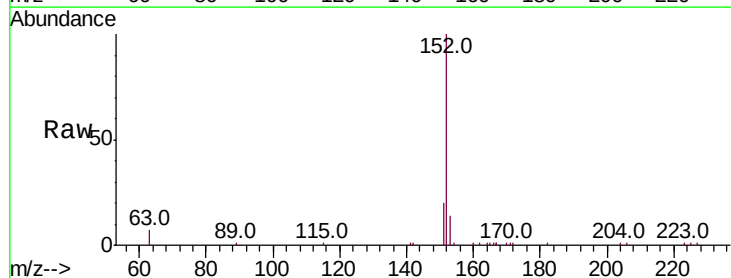


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

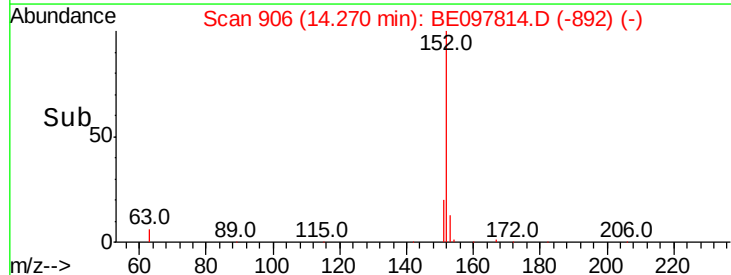
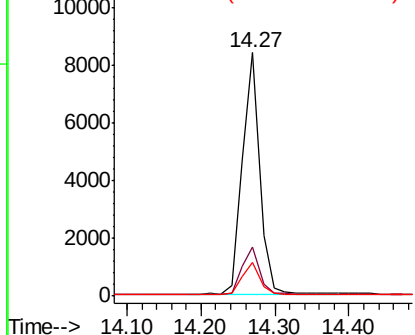


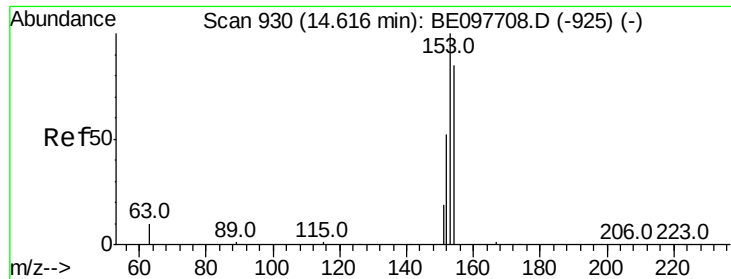
#16
Acenaphthylene
Concen: 0.352 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097814.D
Acq: 9 Oct 2018 12:45

Tgt Ion:152 Resp: 13844
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9
153 13.6 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

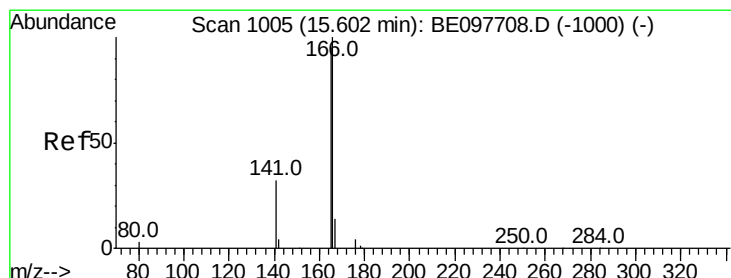
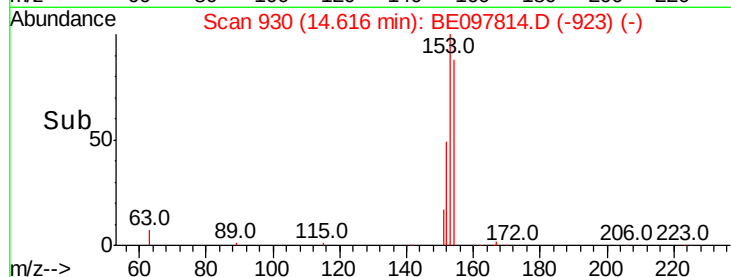
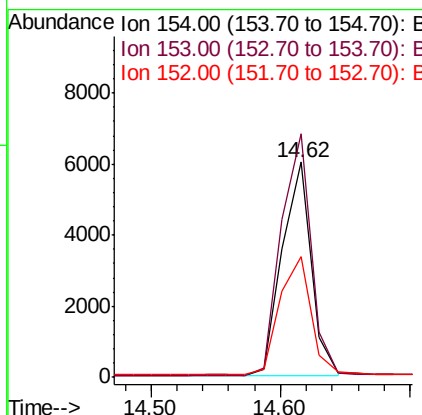
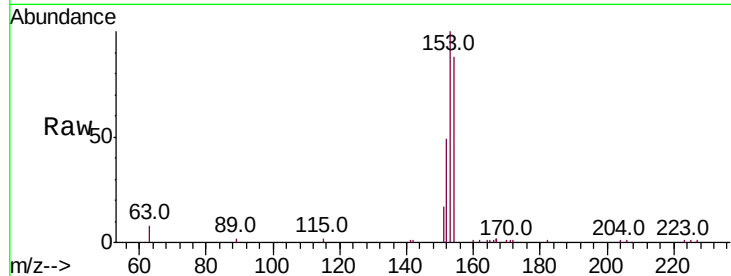




#17
Acenaphthene
Concen: 0.374 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097814.D
Acq: 9 Oct 2018 12:45

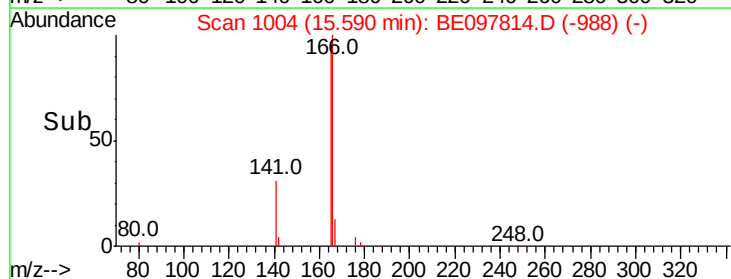
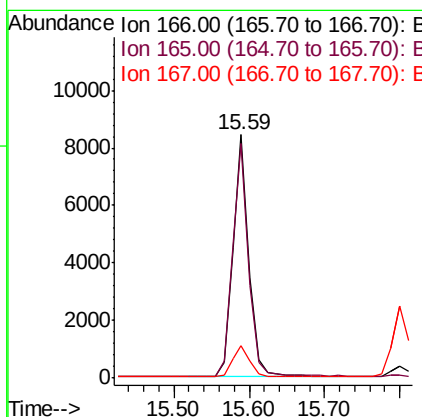
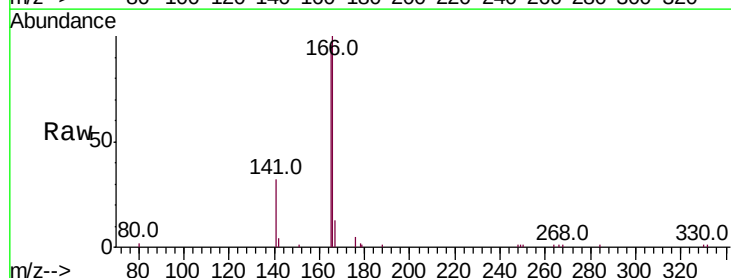
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

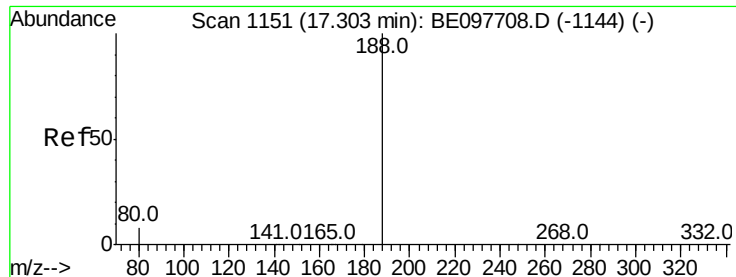
Tot Ion:154 Resp: 9409
Ion Ratio Lower Upper
154 100
153 116.7 93.3 139.9
152 59.5 48.9 73.3



#18
Fluorene
Concen: 0.371 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097814.D
Acq: 9 Oct 2018 12:45

Tgt Ion:166 Resp: 12414
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.4
167 13.8 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

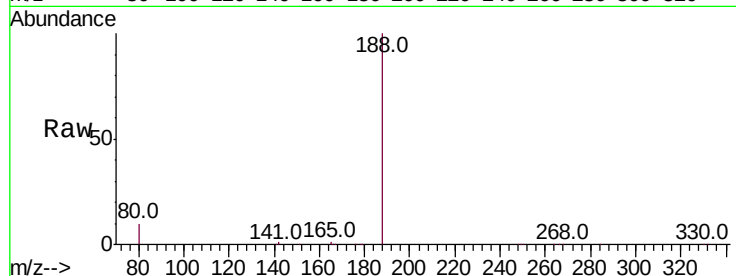
Tot Ion:188 Resp: 24228

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

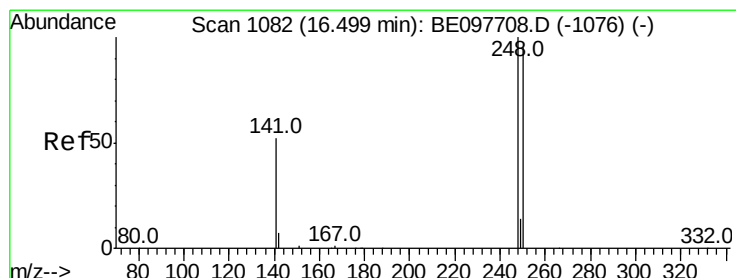
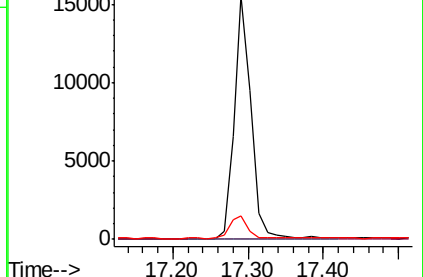
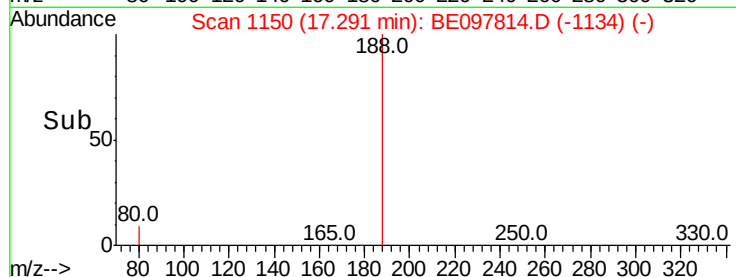
80 9.7 6.6 9.8



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: 0.387 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

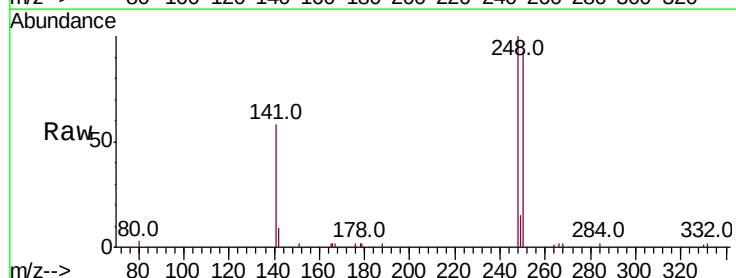
Tgt Ion:248 Resp: 4922

Ion Ratio Lower Upper

248 100

250 92.5 76.1 114.1

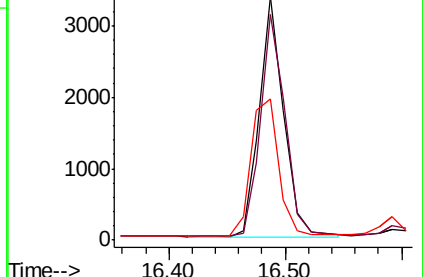
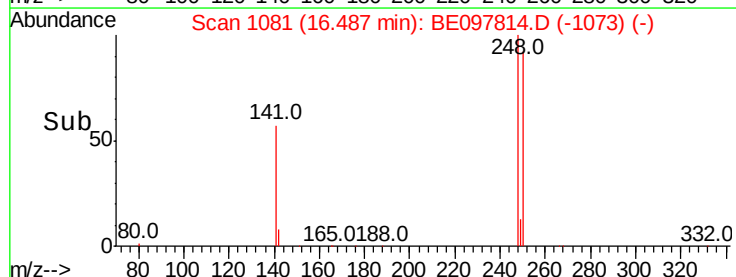
141 58.1 42.2 63.4

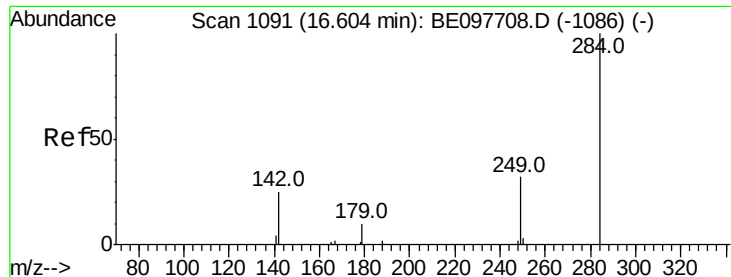


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

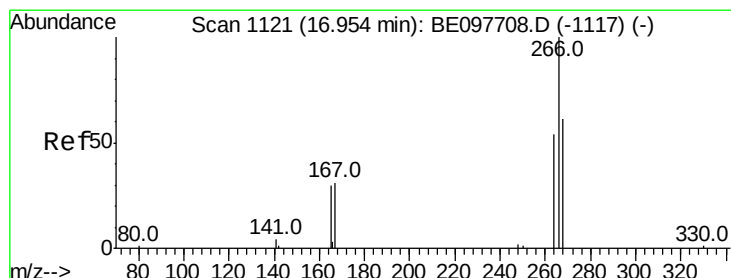
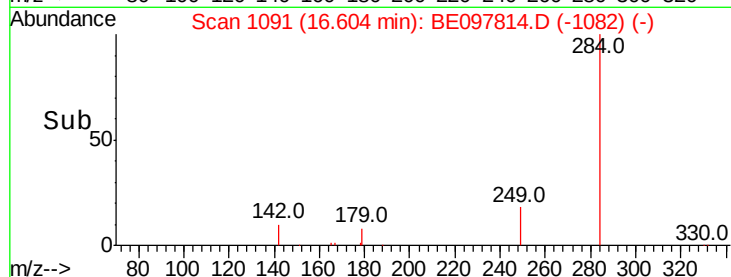
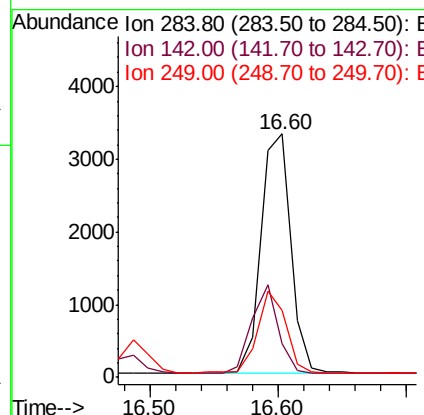
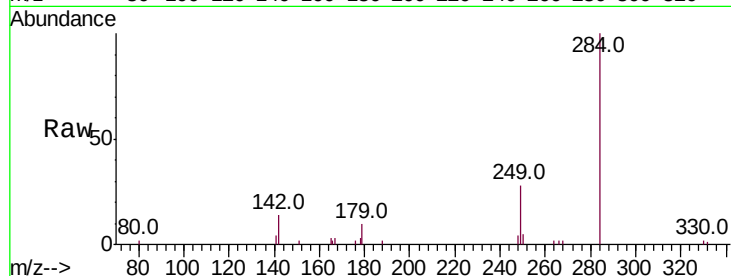




#21
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097814.D
Acq: 9 Oct 2018 12:45

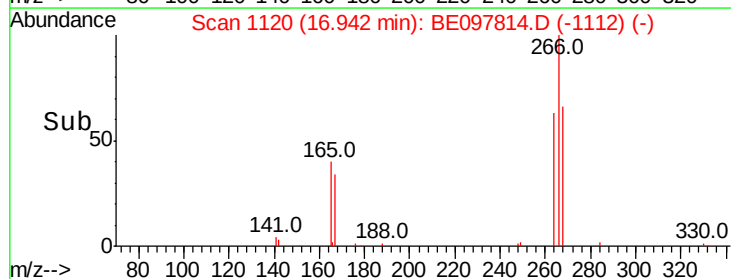
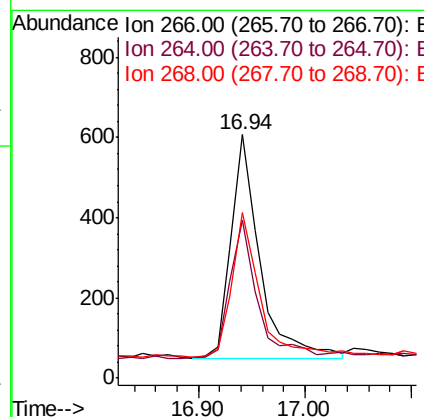
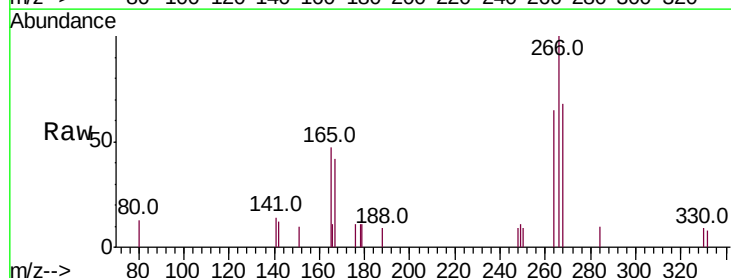
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

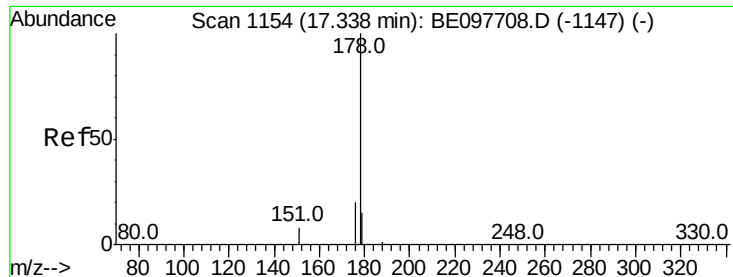
Tot Ion:	284	Resp:	5383
Ion	Ratio	Lower	Upper
284	100		
142	32.6	24.9	37.3
249	32.3	25.8	38.8



#22
Pentachlorophenol
Concen: 0.462 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097814.D
Acq: 9 Oct 2018 12:45

Tgt Ion:	266	Resp:	1037
Ion	Ratio	Lower	Upper
266	100		
264	64.7	46.8	70.2
268	67.9	53.0	79.6





#23

Phenanthrene

Concen: 0.377 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

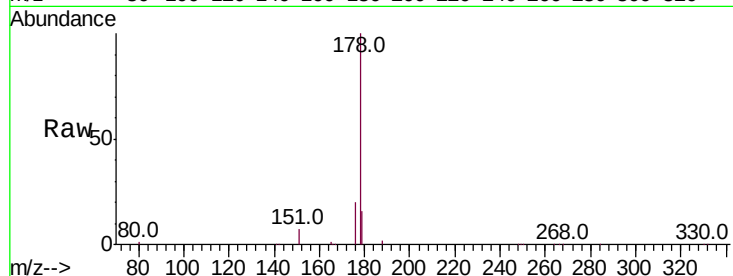
Tot Ion:178 Resp: 23526

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

179 15.4 12.2 18.4

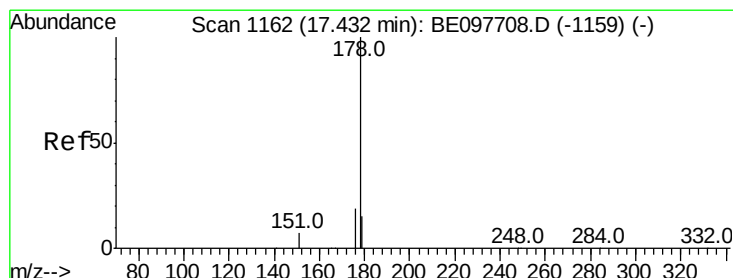
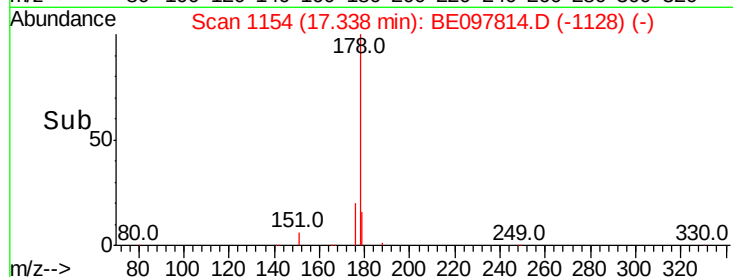
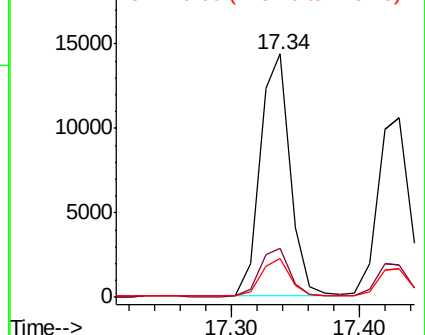


Abundance

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: 0.344 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

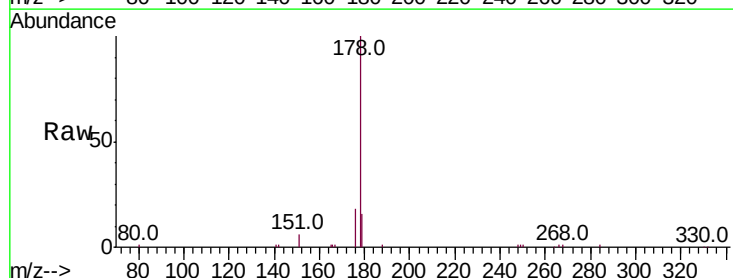
Tgt Ion:178 Resp: 18555

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.6 12.2 18.2

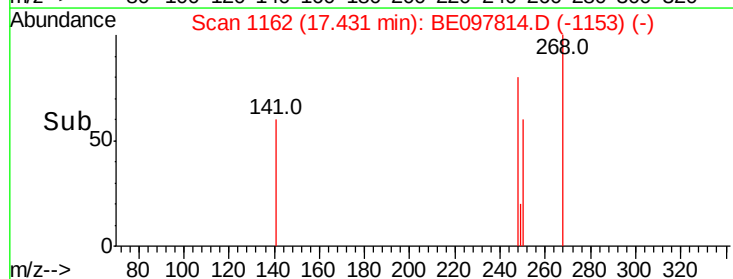
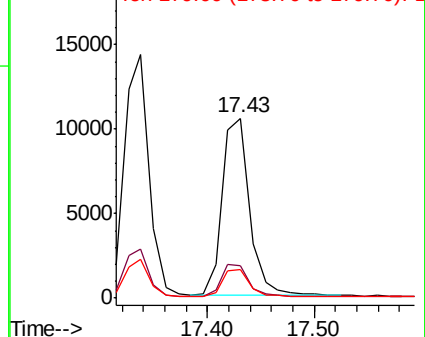


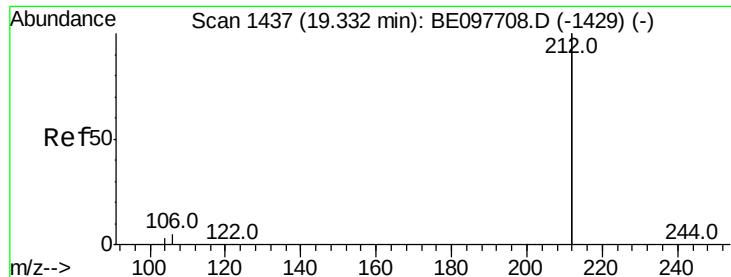
Abundance

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: 0.369 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

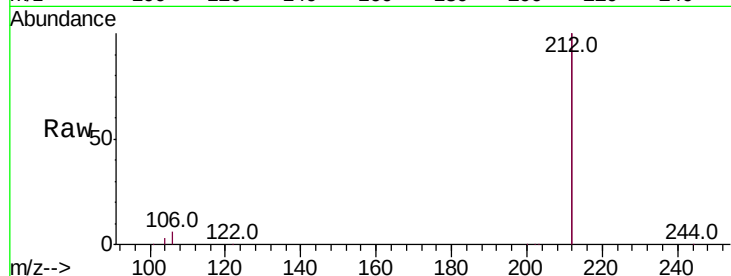
Tot Ion:212 Resp: 113022

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

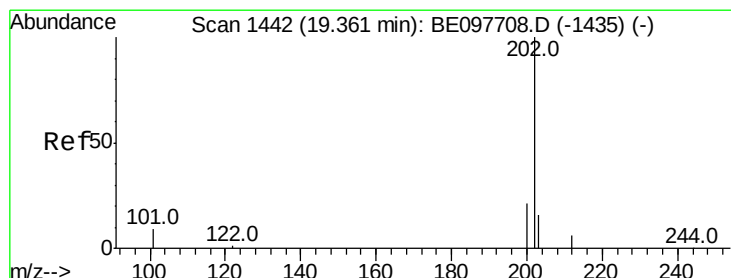
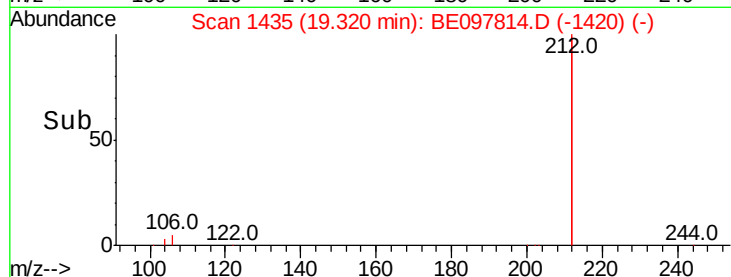
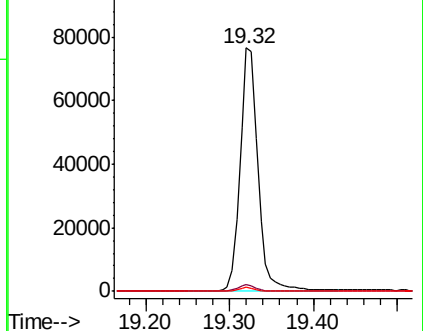
104 1.4 1.2 1.8



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



#26

Fluoranthene

Concen: 0.372 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

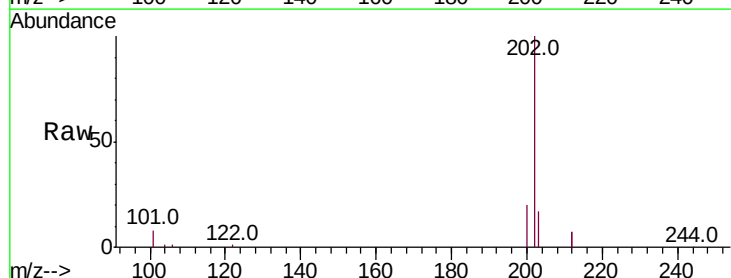
Tgt Ion:202 Resp: 29622

Ion Ratio Lower Upper

202 100

101 9.5 7.8 11.8

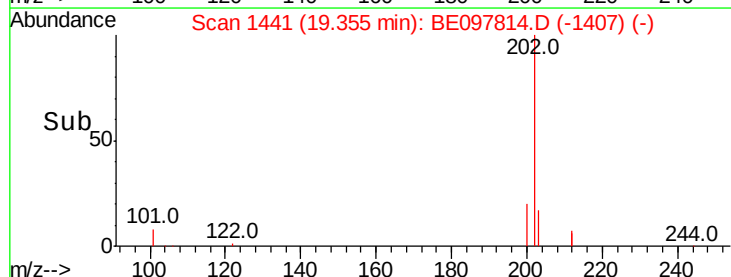
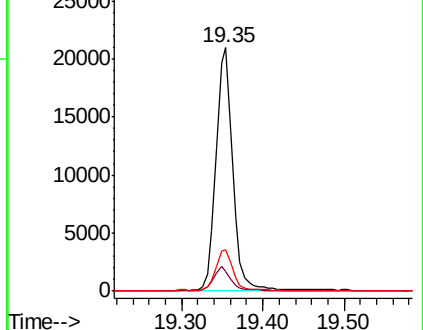
203 16.9 13.8 20.6

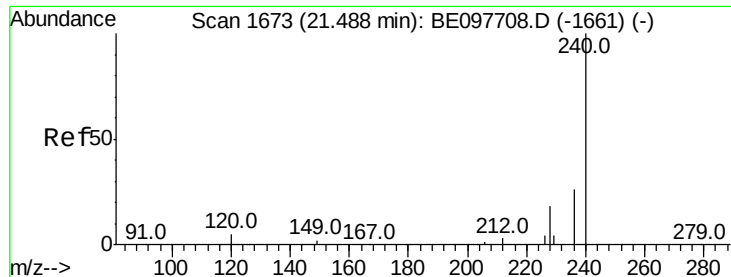


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

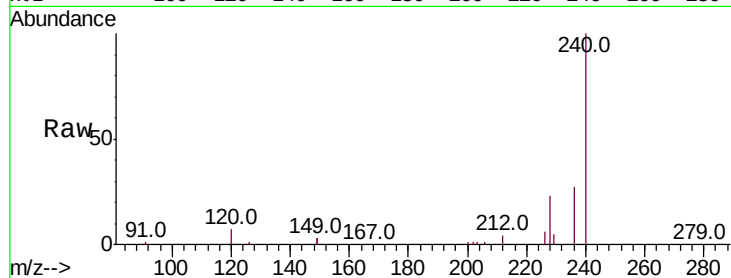
Tot Ion:240 Resp: 30143

Ion Ratio Lower Upper

240 100

120 6.6 4.7 7.1

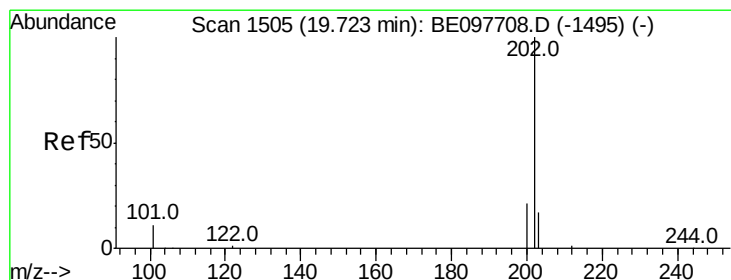
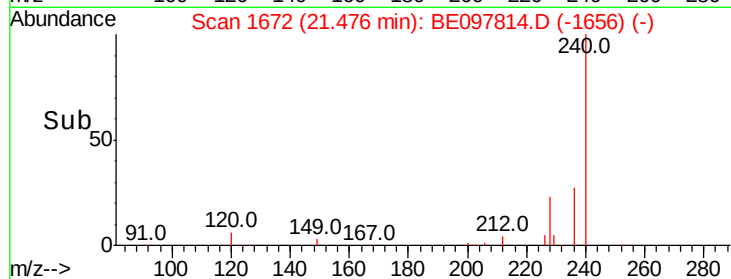
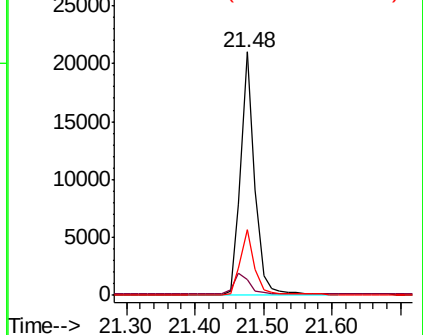
236 26.8 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.397 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

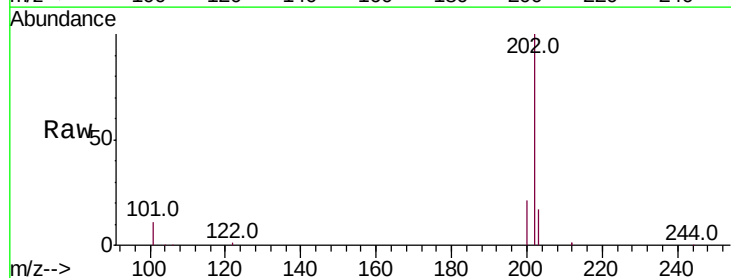
Tgt Ion:202 Resp: 30393

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

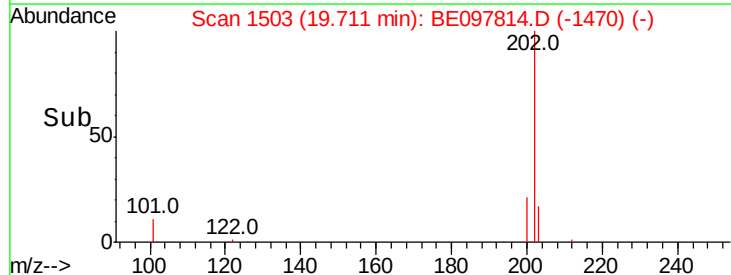
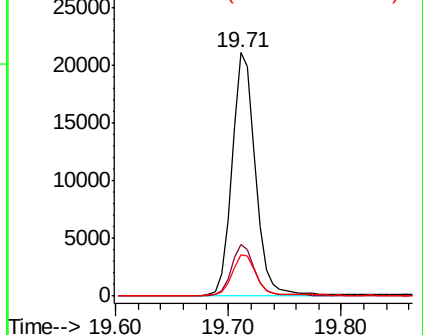
203 17.3 13.9 20.9

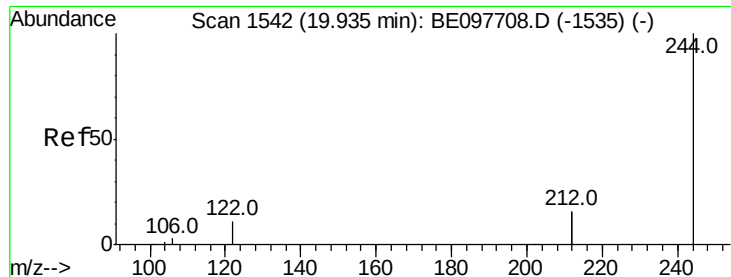


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

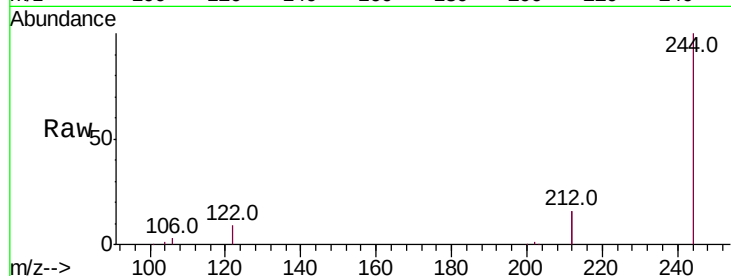
Tot Ion:244 Resp: 25143

Ion Ratio Lower Upper

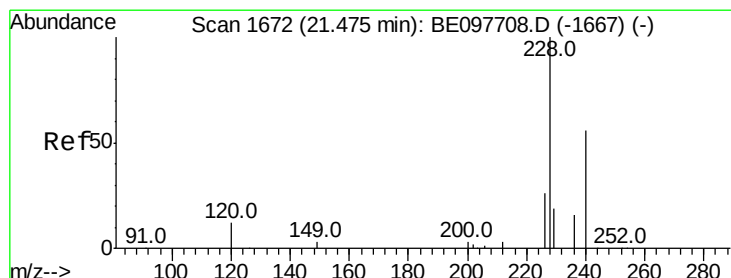
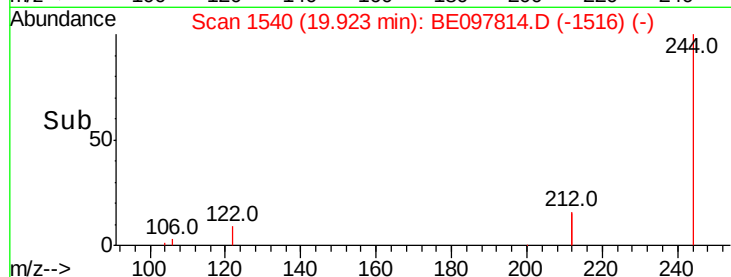
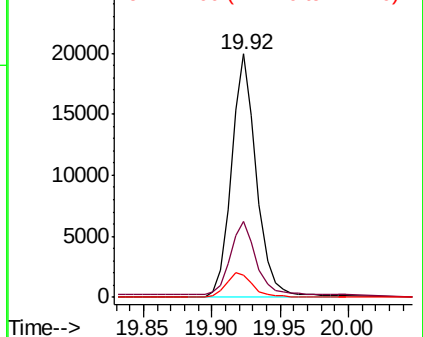
244 100

212 31.4 25.8 38.8

122 8.9 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: 0.362 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

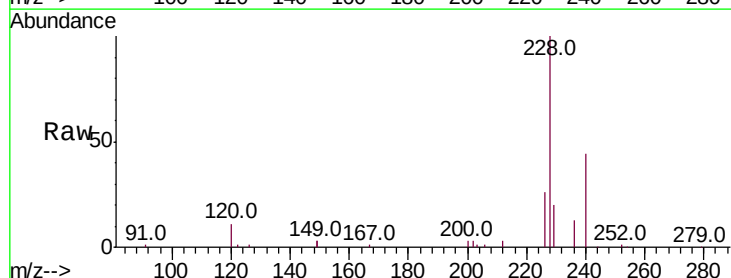
Tgt Ion:228 Resp: 29309

Ion Ratio Lower Upper

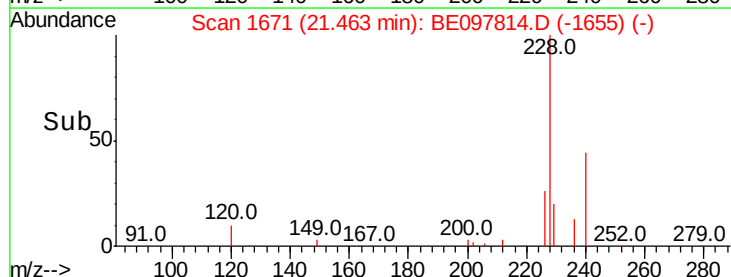
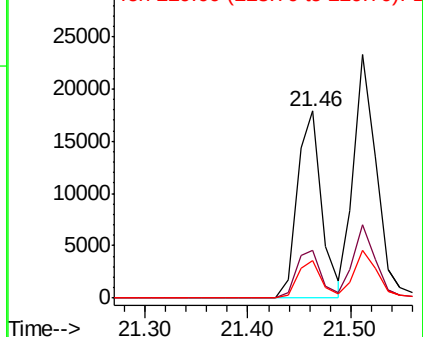
228 100

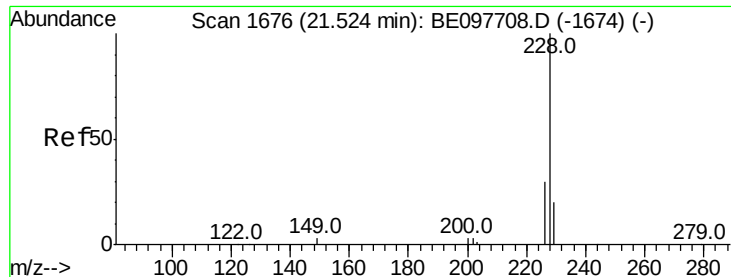
226 25.8 20.7 31.1

229 20.2 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: 0.387 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

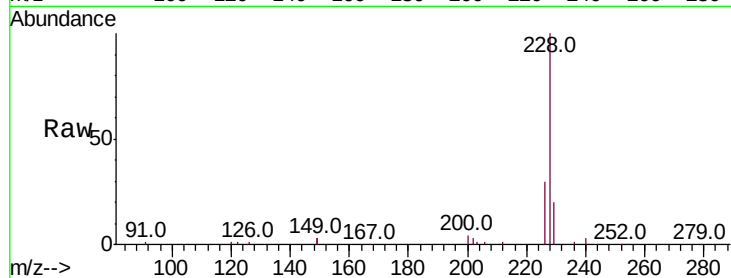
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 35086

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.6	16.0	24.0

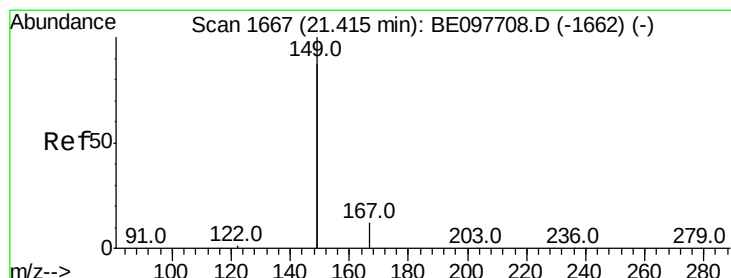
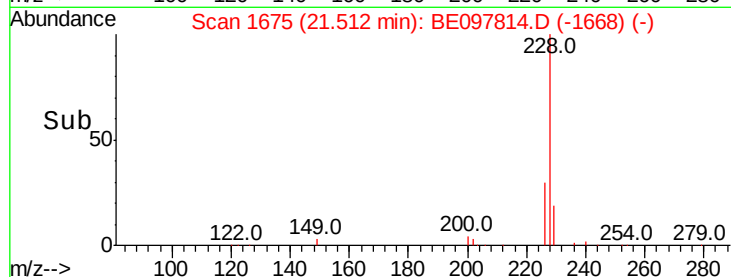
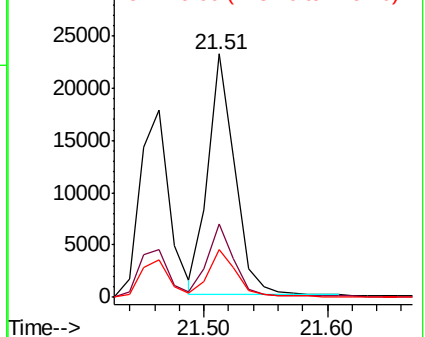


Abundance

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: 0.358 ng

RT: 21.40 min Scan# 1666

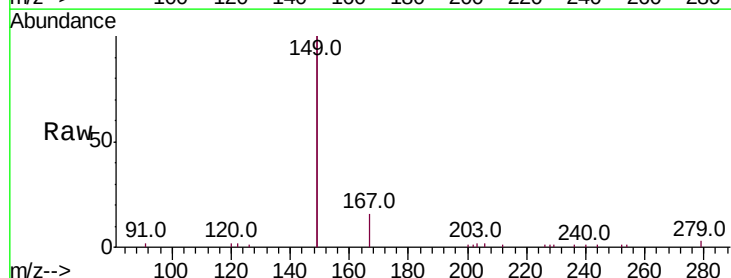
Delta R.T. -0.01 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Tgt Ion:149 Resp: 21201

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.5	8.3
279	1.0	0.9	1.3

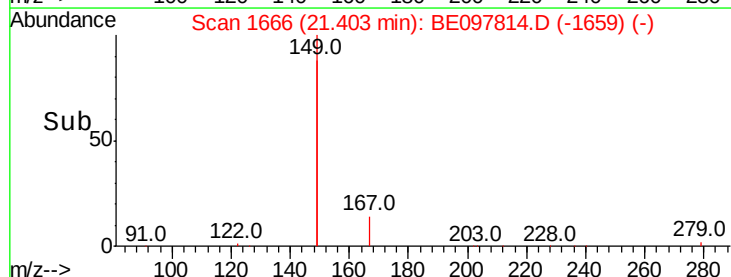
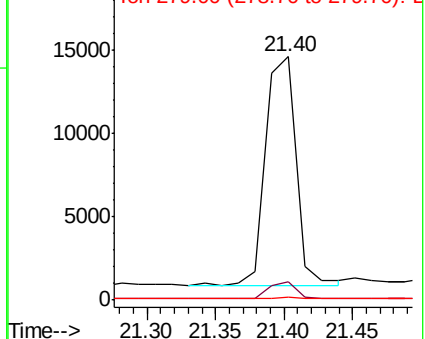


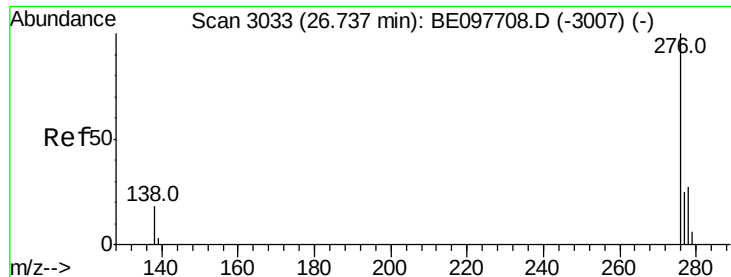
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

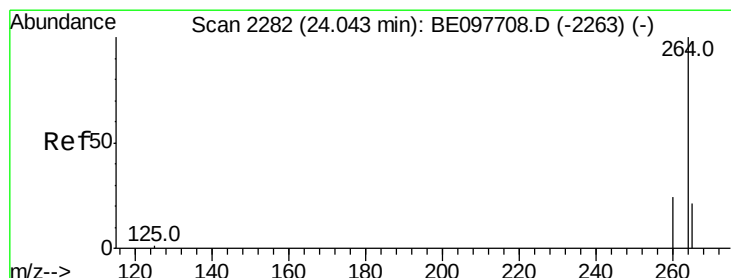
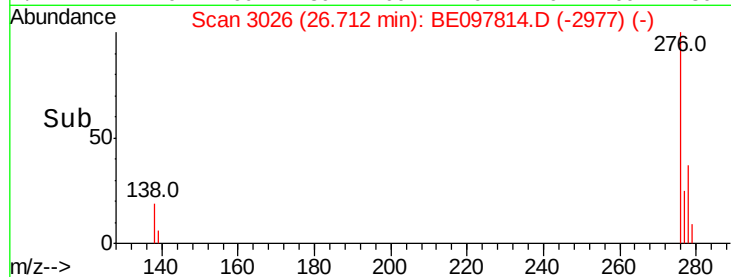
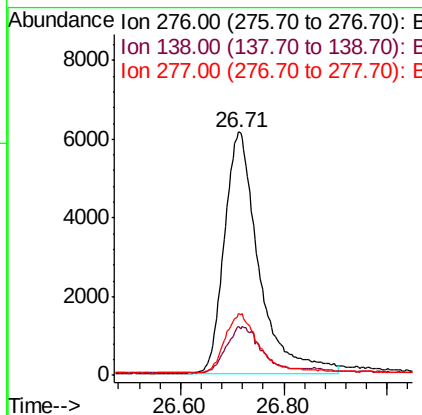
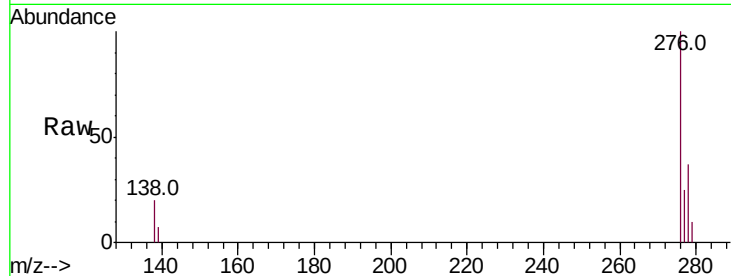




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.361 ng
 RT: 26.71 min Scan# 3026
 Delta R.T. -0.02 min
 Lab File: BE097814.D
 Acq: 9 Oct 2018 12:45

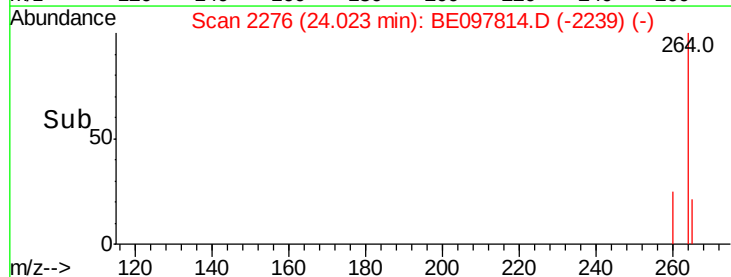
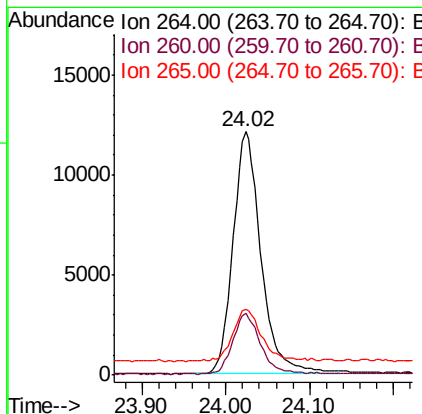
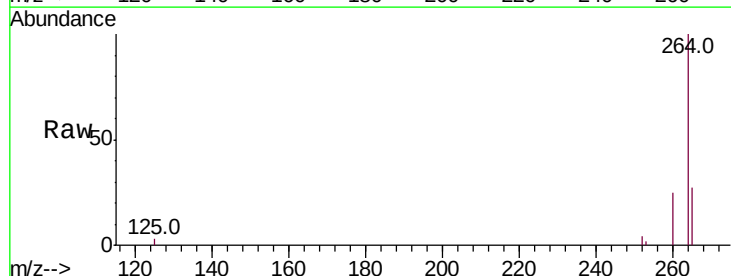
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

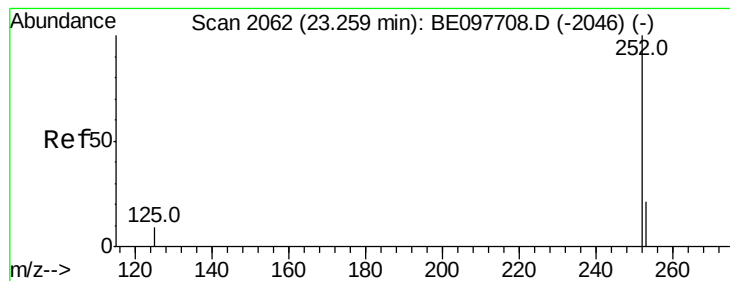
Tot Ion:276 Resp: 28397
 Ion Ratio Lower Upper
 276 100
 138 8.2 15.0 22.6#
 277 24.3 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE097814.D
 Acq: 9 Oct 2018 12:45

Tgt Ion:264 Resp: 28165
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.1 28.7
 265 26.7 21.9 32.9





#35

Benzo(b)fluoranthene

Concen: 0.342 ng

RT: 23.24 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

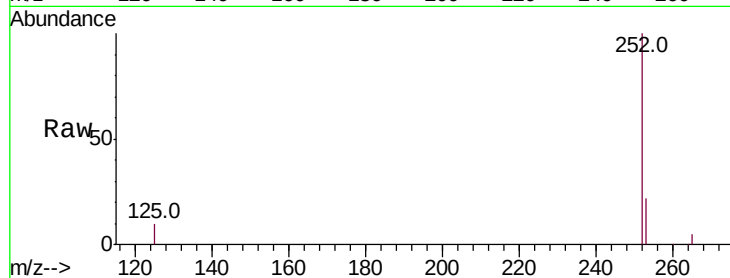
Tot Ion:252 Resp: 26437

Ion Ratio Lower Upper

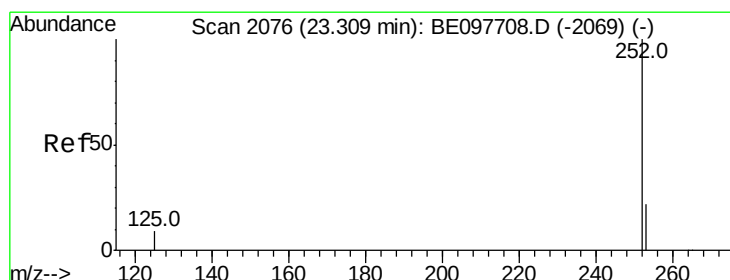
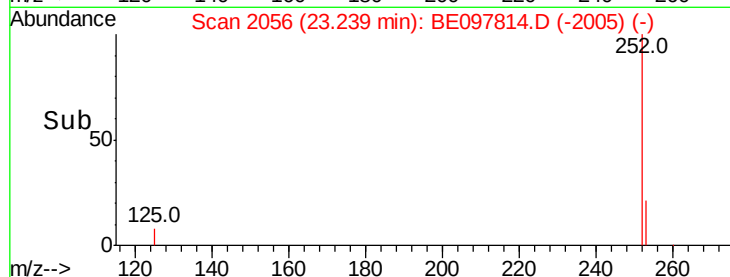
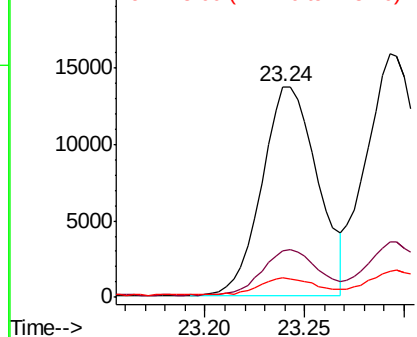
252 100

253 22.2 17.5 26.3

125 9.6 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: 0.388 ng

RT: 23.29 min Scan# 2071

Delta R.T. -0.02 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

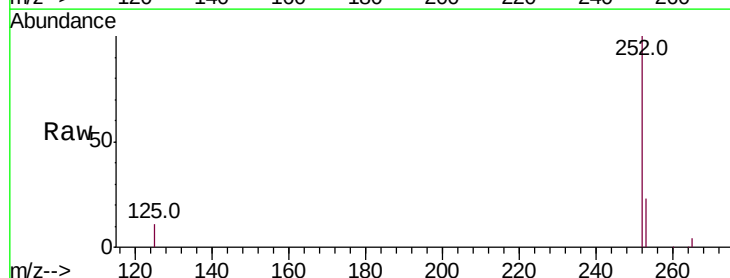
Tgt Ion:252 Resp: 33269

Ion Ratio Lower Upper

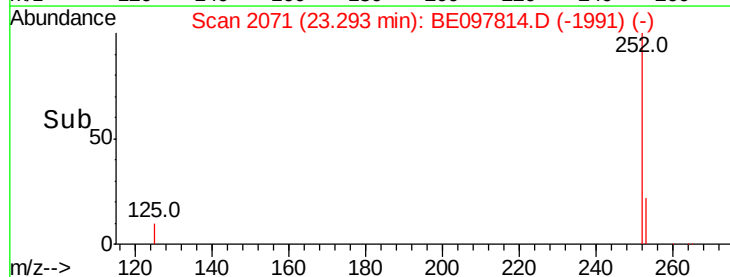
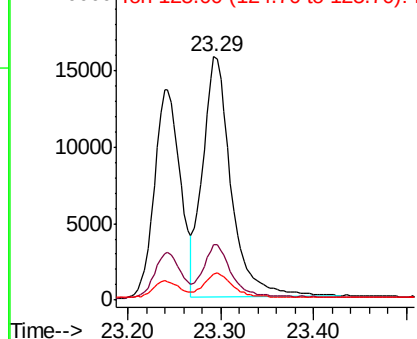
252 100

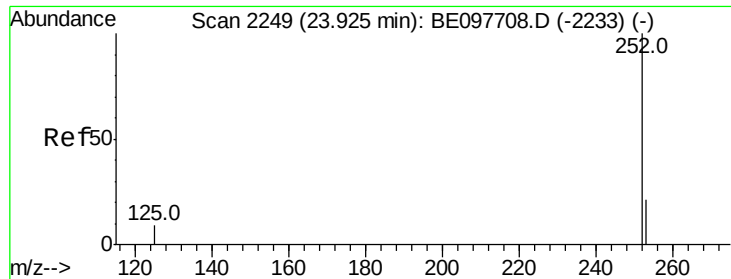
253 22.6 17.5 26.3

125 10.6 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: 0.332 ng

RT: 23.91 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

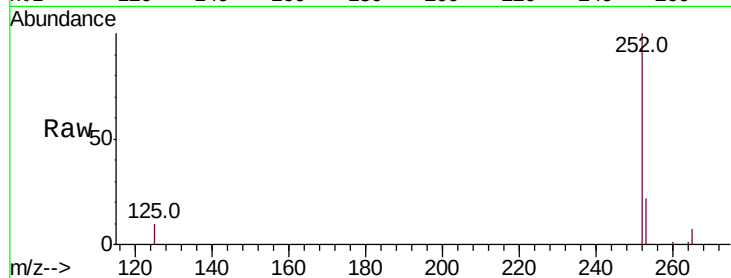
Tot Ion:252 Resp: 23215

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

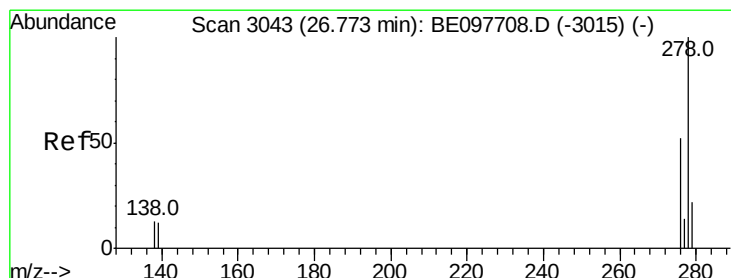
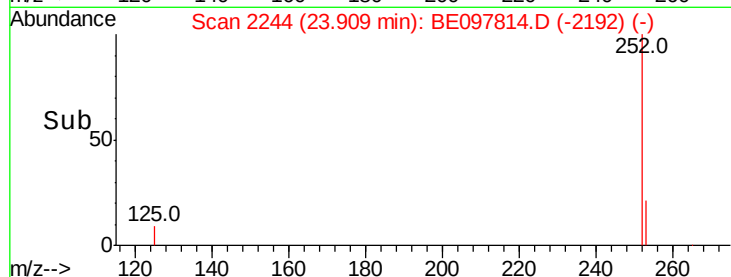
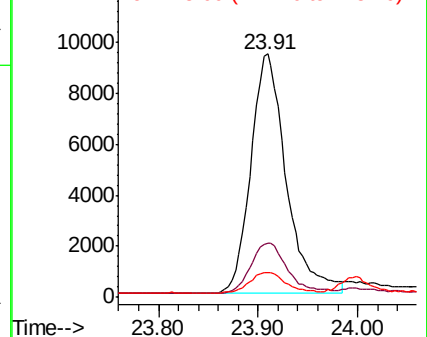
125 10.2 8.3 12.5



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: 0.346 ng

RT: 26.74 min Scan# 3034

Delta R.T. -0.03 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

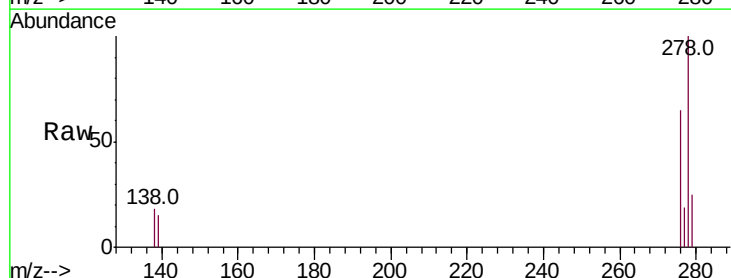
Tgt Ion:278 Resp: 23883

Ion Ratio Lower Upper

278 100

139 14.6 10.3 15.5

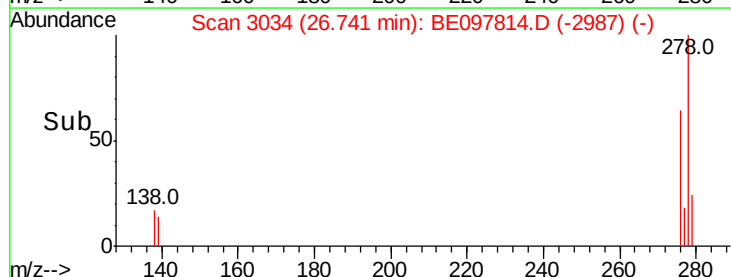
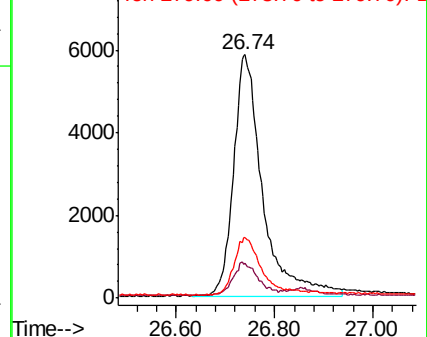
279 25.1 18.4 27.6

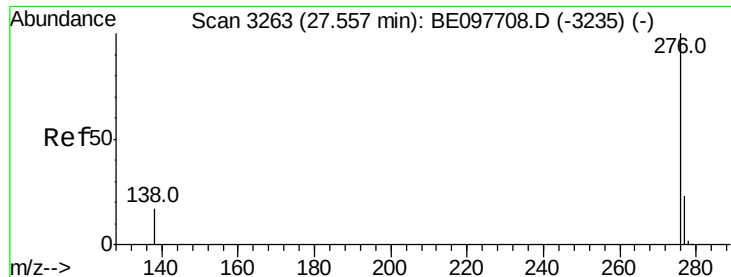


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.360 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.02 min

Lab File: BE097814.D

Acq: 9 Oct 2018 12:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

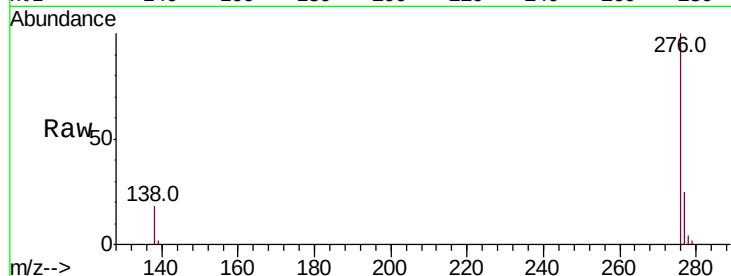
Tot Ion:276 Resp: 25980

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 17.6 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

