

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE031819\
 Data File : BE099029.D
 Acq On : 19 Mar 2019 9:06
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 20 06:56:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	952	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4236	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2783	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	6602	0.40	ng	-0.02
27) Chrysene-d12	21.39	240	7552	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7430	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	748	0.26	ng	0.01
5) Phenol-d6	6.99	99	1330	0.33	ng	0.00
8) Nitrobenzene-d5	8.98	82	1903	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	3033	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	420	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	6450	0.56	ng	-0.01
25) Fluoranthene-d10	19.24	212	37662	0.36	ng	0.00
29) Terphenyl-d14	19.83	244	22192	1.21	ng	-0.01

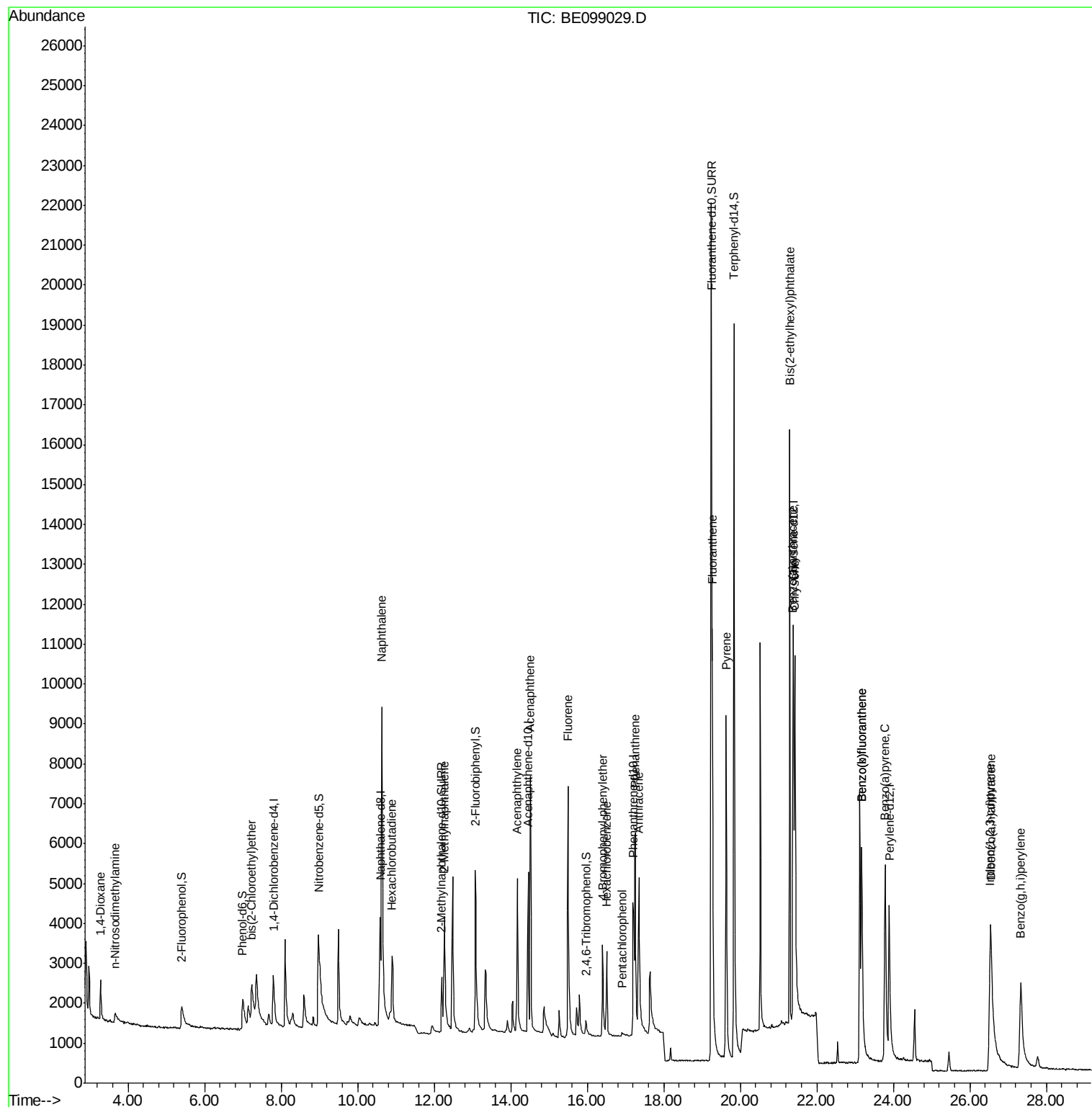
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	637	0.330	ng	92
3) n-Nitrosodimethylamine	3.67	42	346	0.144	ng	# 14
6) bis(2-Chloroethyl)ether	7.23	93	911	0.294	ng	100
9) Naphthalene	10.63	128	19494	0.402	ng	100
10) Hexachlorobutadiene	10.90	225	1209	0.377	ng	98
12) 2-Methylnaphthalene	12.27	142	2949	0.375	ng	97
16) Acenaphthylene	14.17	152	5547	0.388	ng	97
17) Acenaphthene	14.51	154	3351	0.395	ng	98
18) Fluorene	15.50	166	4652	0.380	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	1471	0.411	ng	95
21) Hexachlorobenzene	16.50	284	1807	0.425	ng	97
22) Pentachlorophenol	16.91	266	93	0.329	ng	94
23) Phenanthrene	17.25	178	7499	0.400	ng	99
24) Anthracene	17.35	178	5520	0.344	ng	98
26) Fluoranthene	19.27	202	9793	0.370	ng	99
28) Pyrene	19.63	202	10134	0.439	ng	100
30) Benzo(a)anthracene	21.38	228	8075	0.343	ng	98
31) Chrysene	21.43	228	10780	0.428	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	15657	0.312	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	9164	0.344	ng	95
35) Benzo(b)fluoranthene	23.18	252	10427	0.427	ng	98
36) Benzo(k)fluoranthene	23.18	252	10840	0.424	ng	99
37) Benzo(a)pyrene	23.78	252	9584	0.409	ng	# 72
38) Dibenzo(a,h)anthracene	26.56	278	6440	0.291	ng	# 93
39) Benzo(g,h,i)perylene	27.33	276	8087	0.349	ng	97

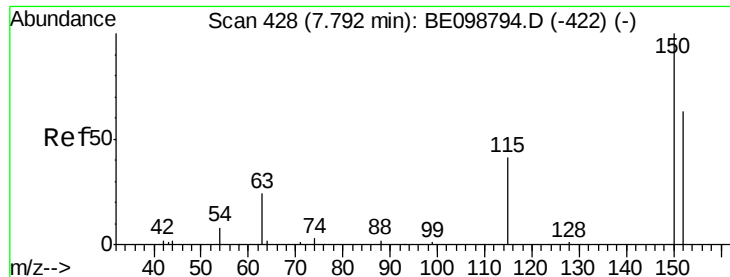
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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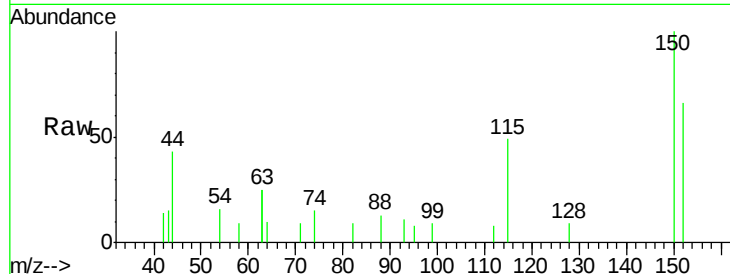


#1

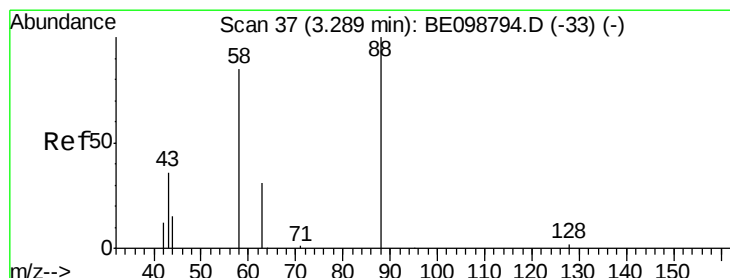
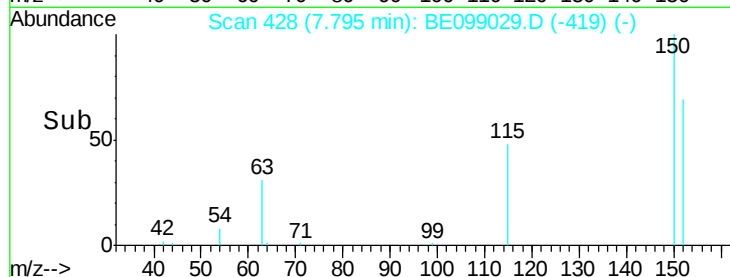
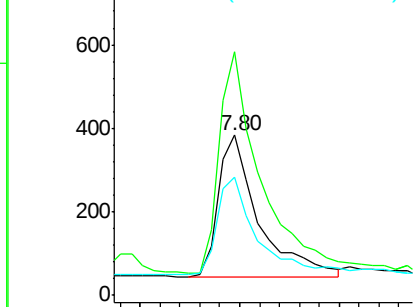
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099029.D
Acq: 19 Mar 2019 9:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 952
Ion Ratio Lower Upper
152 100
150 152.2 122.5 183.7
115 74.2 57.4 86.2



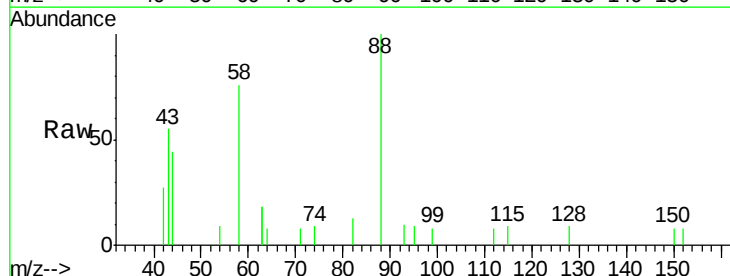
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



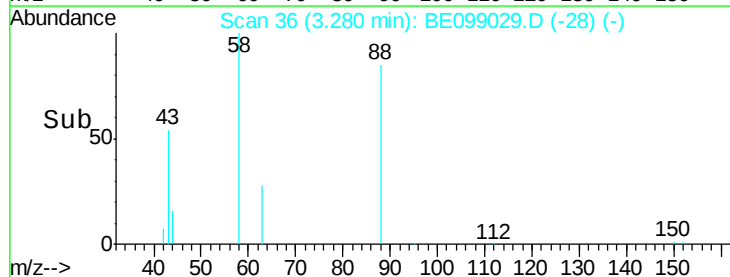
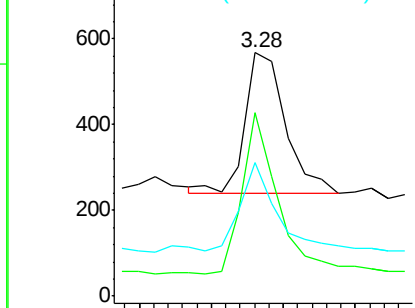
#2

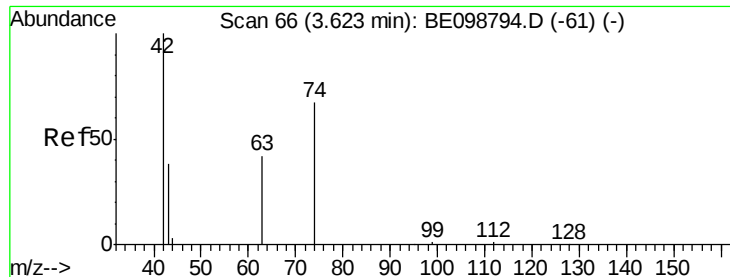
1,4-Dioxane
Concen: 0.330 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099029.D
Acq: 19 Mar 2019 9:06

Tgt Ion: 88 Resp: 637
Ion Ratio Lower Upper
88 100
58 100.0 75.8 113.6
43 60.9 41.8 62.8



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: 0.144 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.05 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

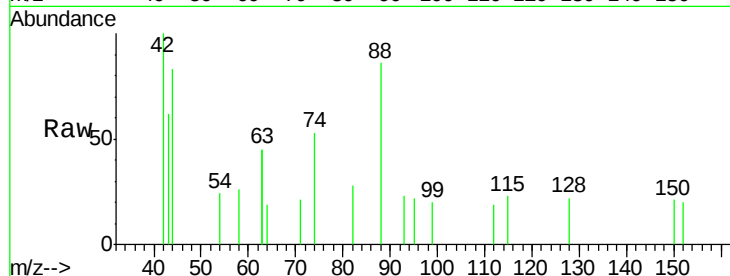
Tgt Ion: 42 Resp: 346

Ion Ratio Lower Upper

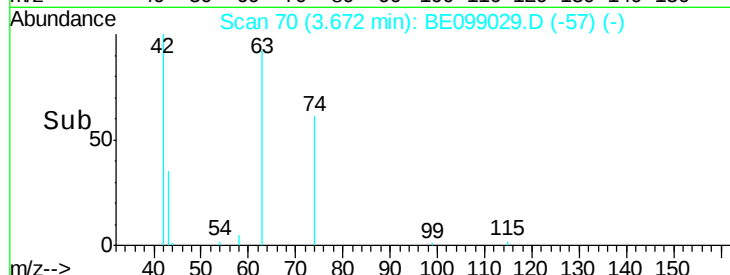
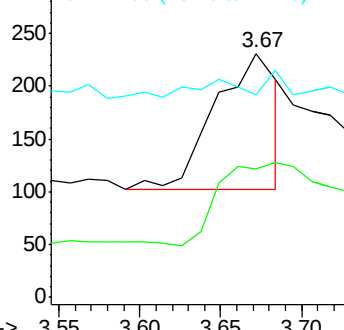
42 100

74 0.0 57.0 85.4#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.263 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

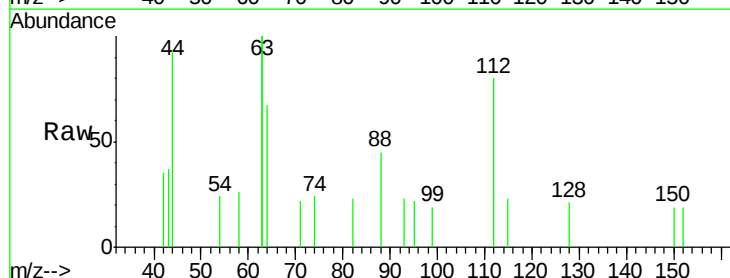
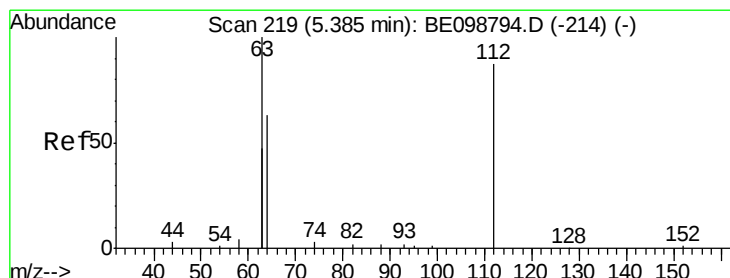
Tgt Ion: 112 Resp: 748

Ion Ratio Lower Upper

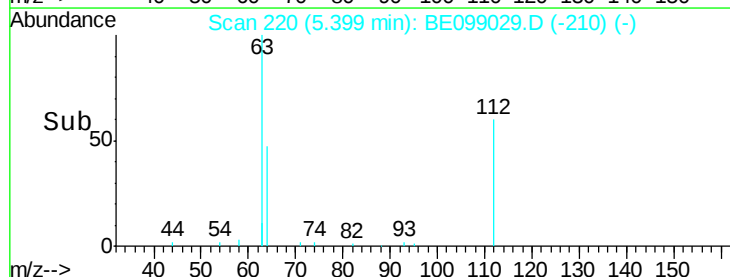
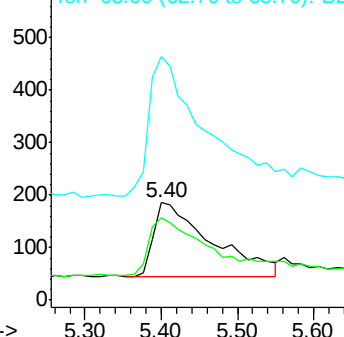
112 100

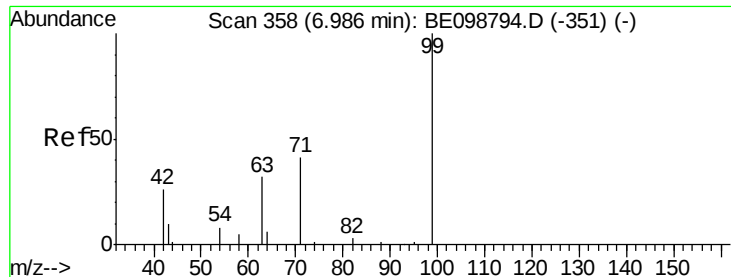
64 95.3 57.9 86.9#

63 199.1 158.3 237.5



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





#5

Phenol-d6

Concen: 0.331 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

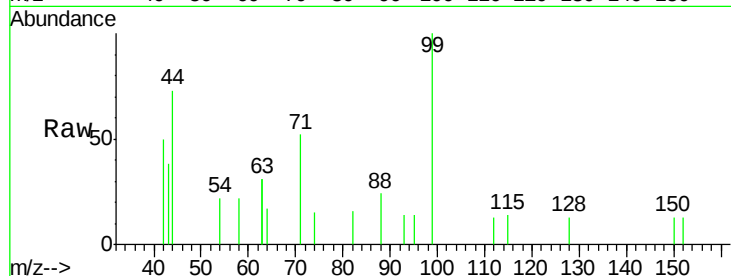
Tgt Ion: 99 Resp: 1330

Ion Ratio Lower Upper

99 100

42 32.2 24.2 36.2

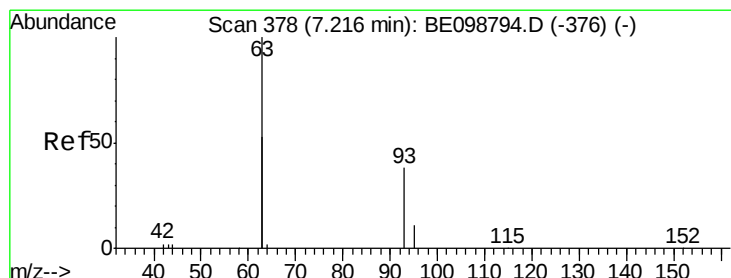
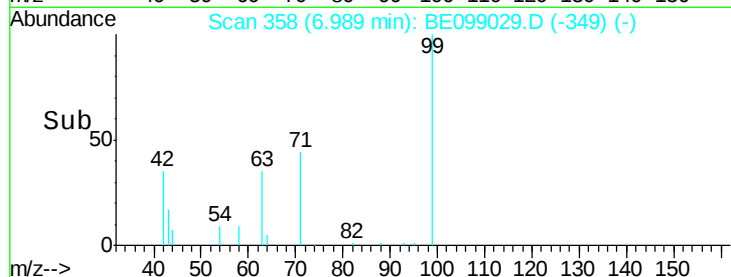
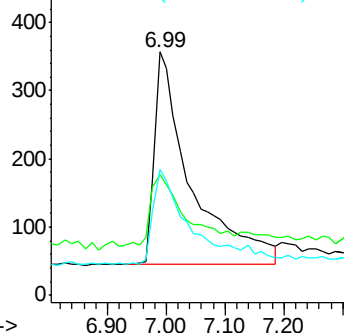
71 47.1 35.7 53.5



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: 0.294 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

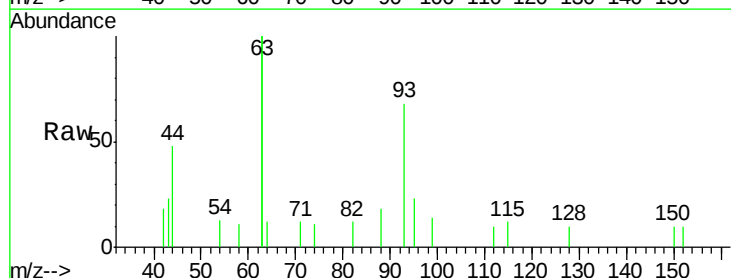
Tgt Ion: 93 Resp: 911

Ion Ratio Lower Upper

93 100

63 310.0 247.5 371.3

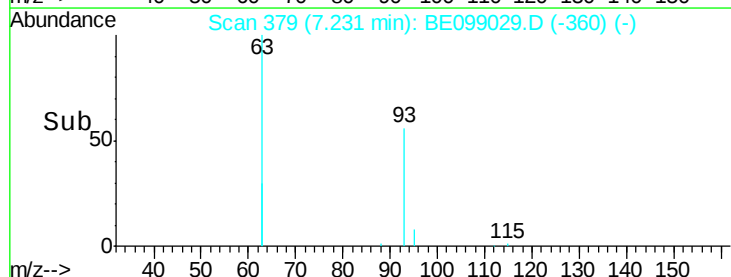
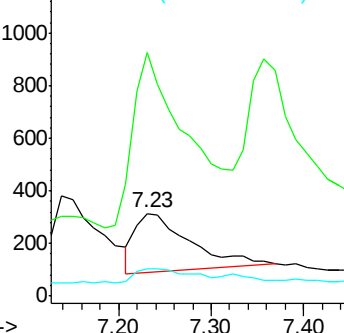
95 26.5 21.8 32.8

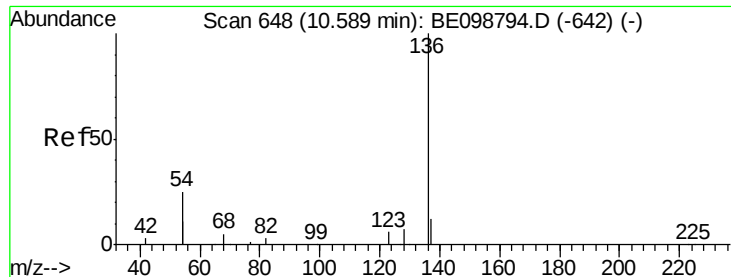


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 4236

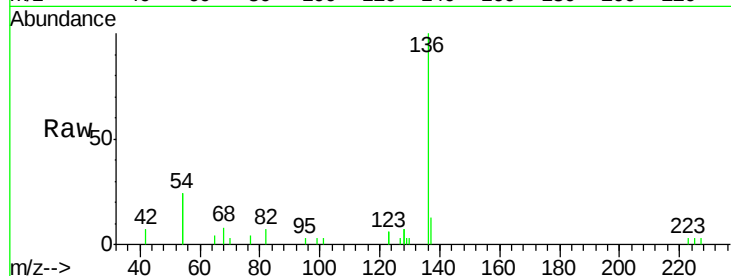
Ion Ratio Lower Upper

136 100

137 12.9 11.4 17.0

54 47.7 39.3 58.9

68 7.9 6.7 10.1

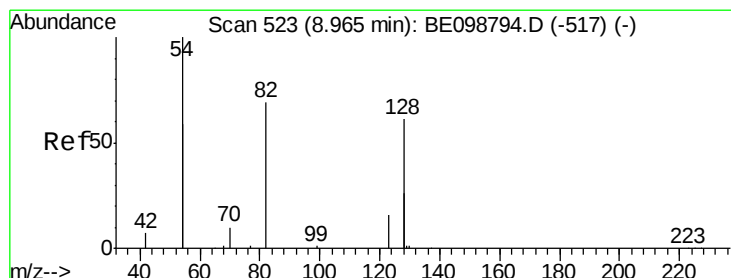
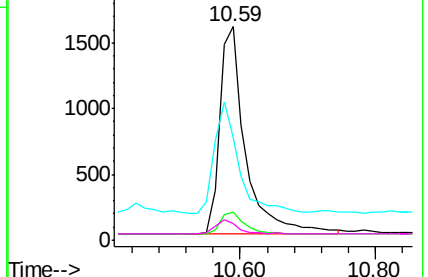
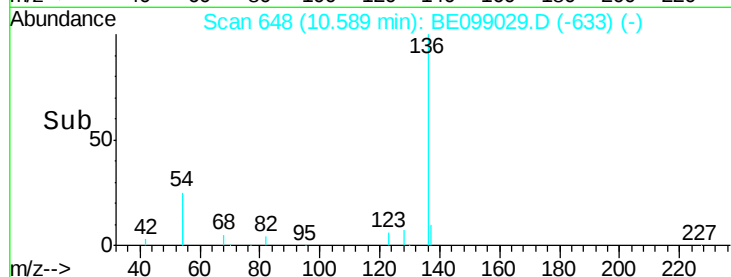


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.428 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

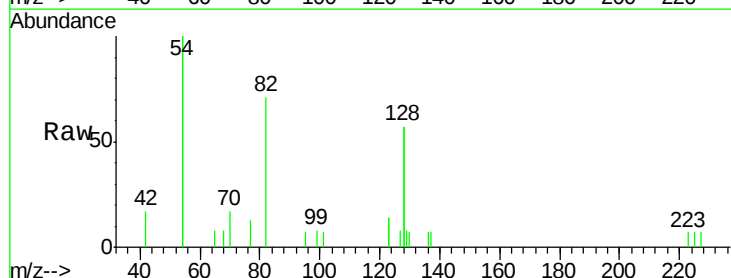
Tgt Ion: 82 Resp: 1903

Ion Ratio Lower Upper

82 100

128 160.9 123.8 185.8

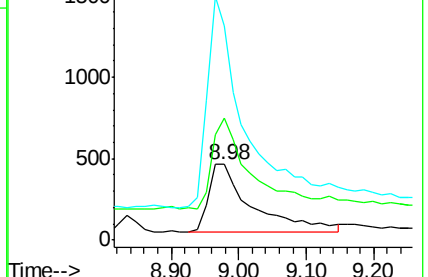
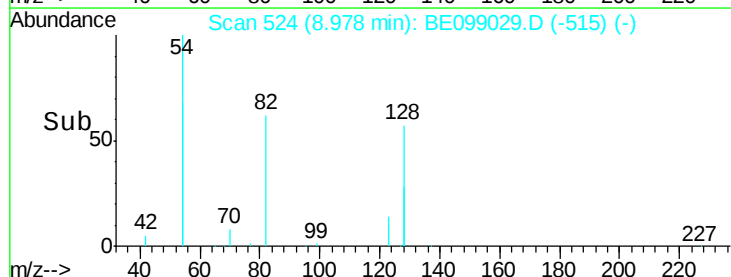
54 281.5 203.4 305.2

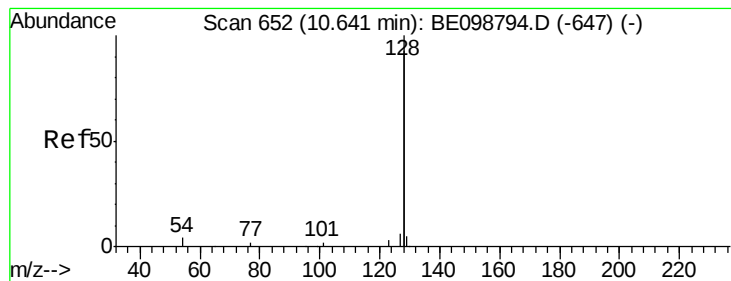


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.402 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

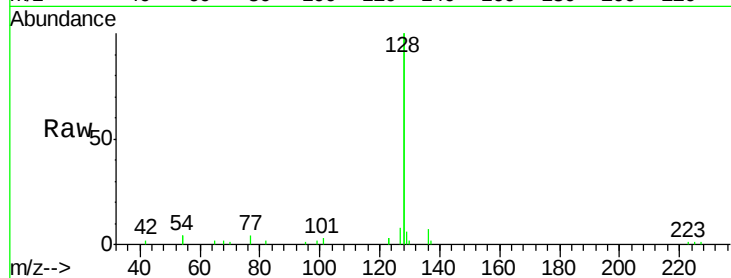
Tgt Ion:128 Resp: 19494

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

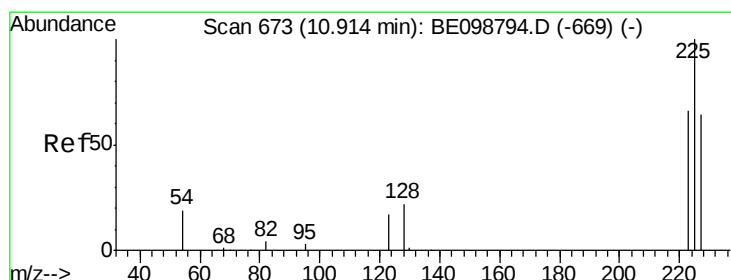
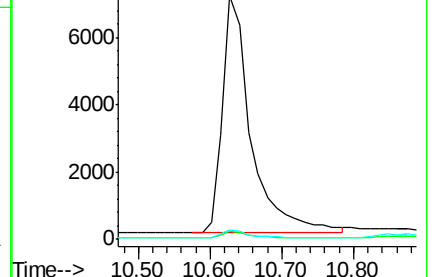
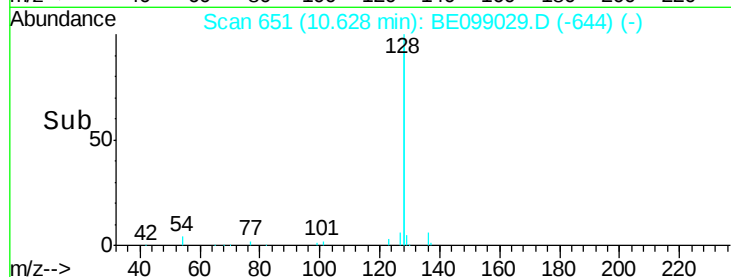
127 3.9 3.1 4.7



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: 0.377 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

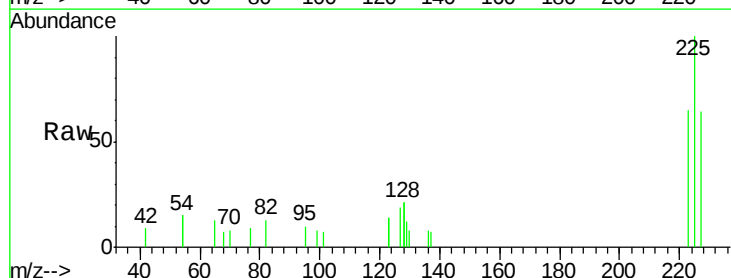
Tgt Ion:225 Resp: 1209

Ion Ratio Lower Upper

225 100

223 61.0 51.1 76.7

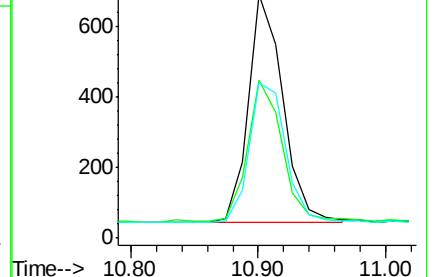
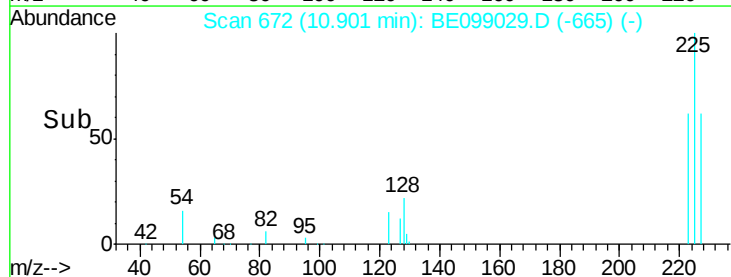
227 65.0 51.6 77.4

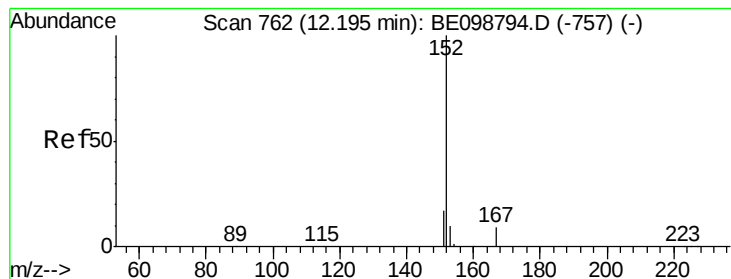


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

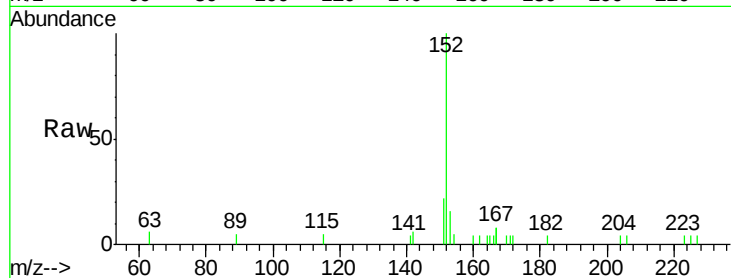
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3033

Ion Ratio Lower Upper

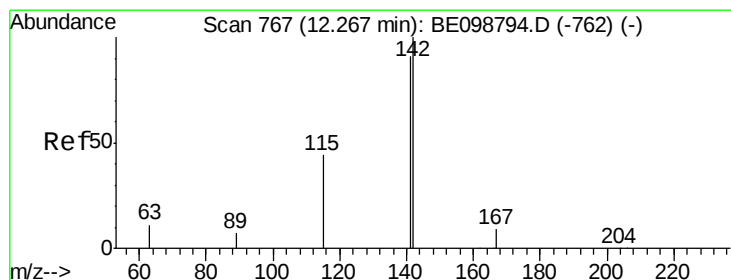
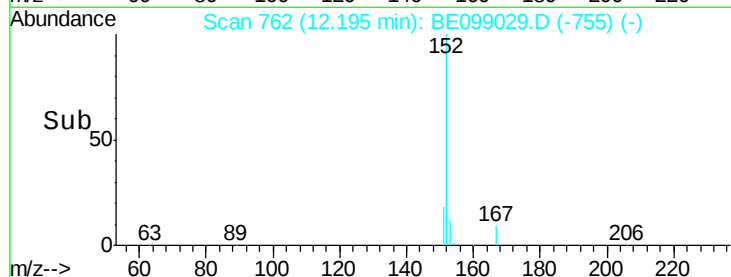
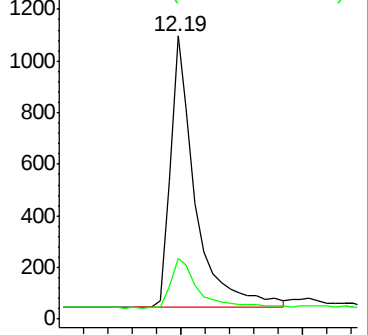
152 100

151 20.0 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.375 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

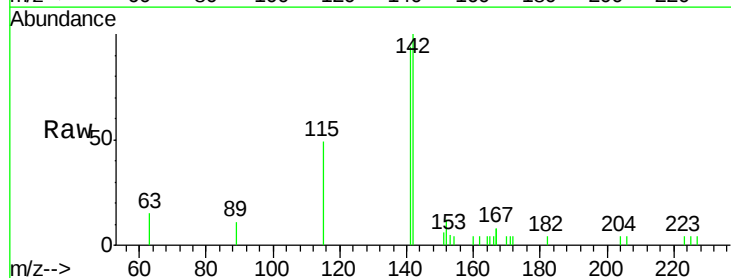
Tgt Ion:142 Resp: 2949

Ion Ratio Lower Upper

142 100

141 93.9 72.6 108.8

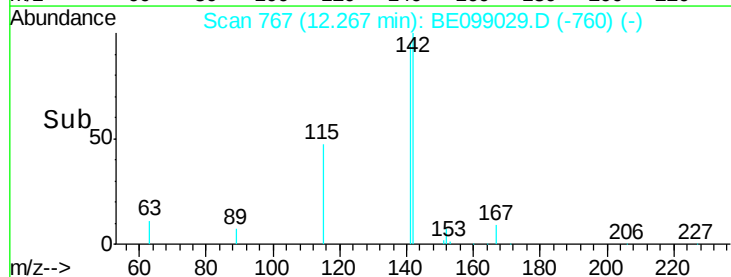
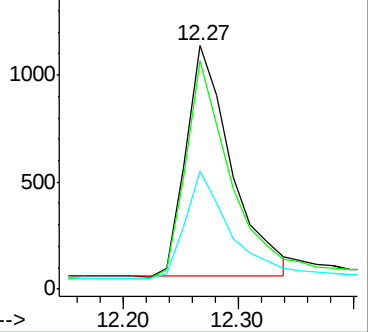
115 48.7 37.4 56.2

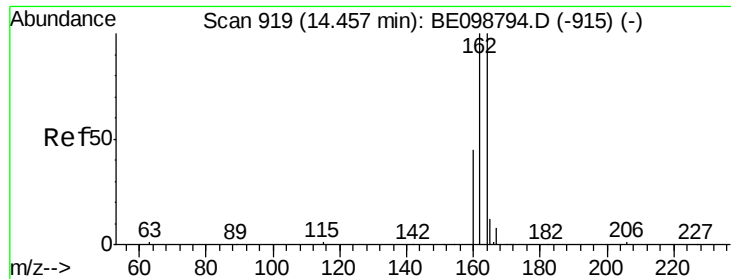


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

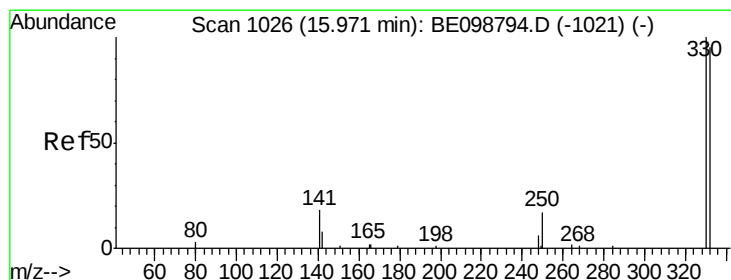
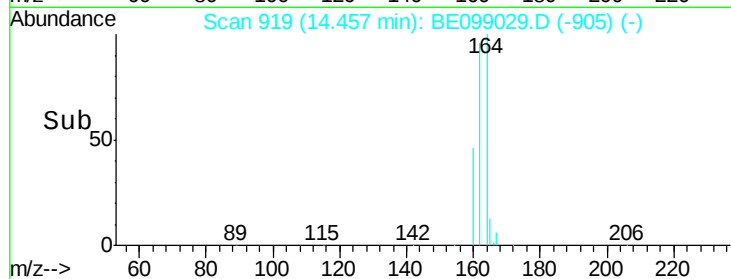
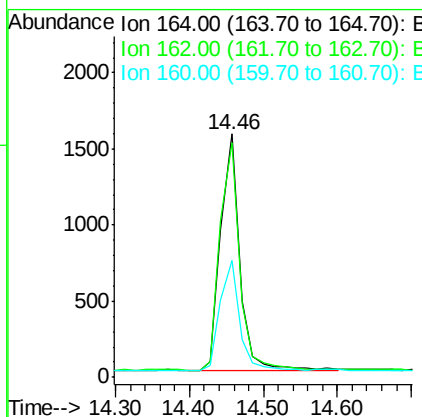
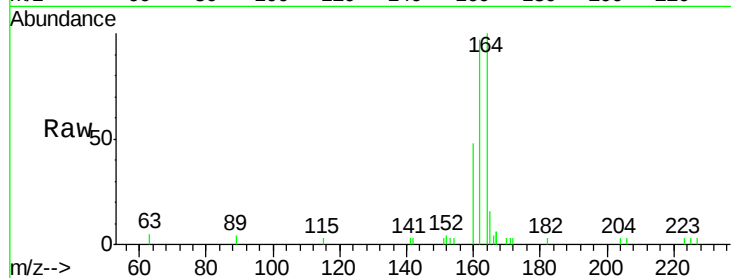




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099029.D
Acq: 19 Mar 2019 9:06

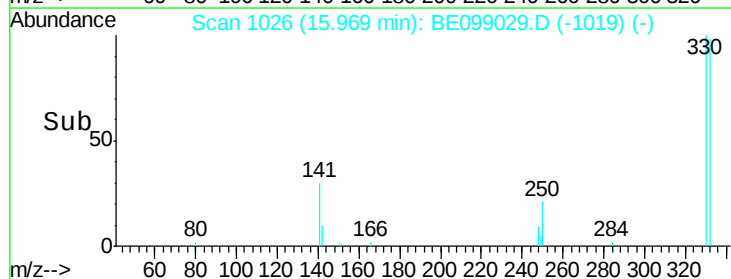
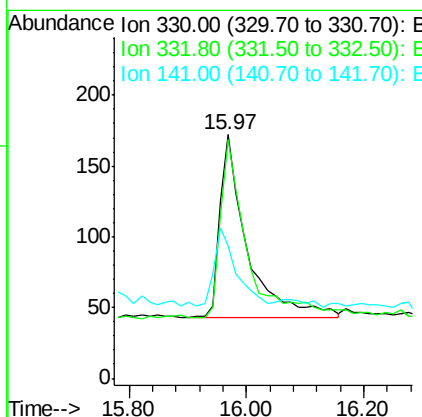
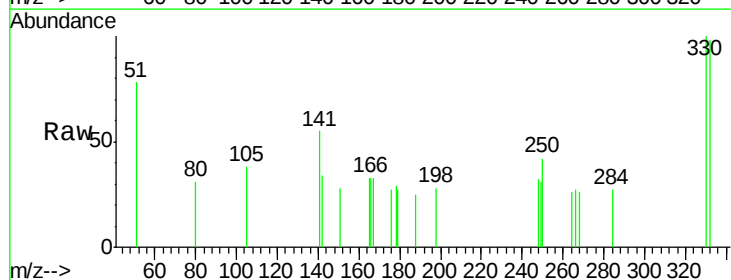
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

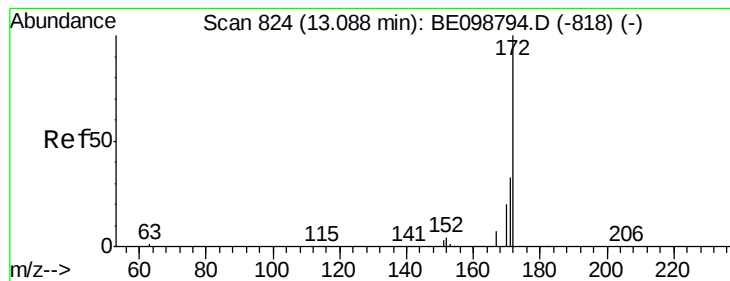
Tgt Ion:164 Resp: 2783
Ion Ratio Lower Upper
164 100
162 96.6 80.2 120.2
160 47.9 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099029.D
Acq: 19 Mar 2019 9:06

Tgt Ion:330 Resp: 420
Ion Ratio Lower Upper
330 100
332 98.8 77.6 116.4
141 34.5 31.0 46.4

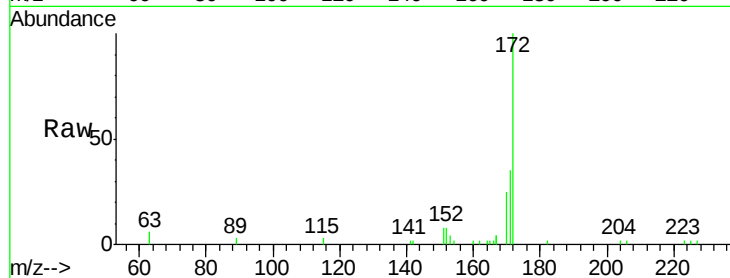




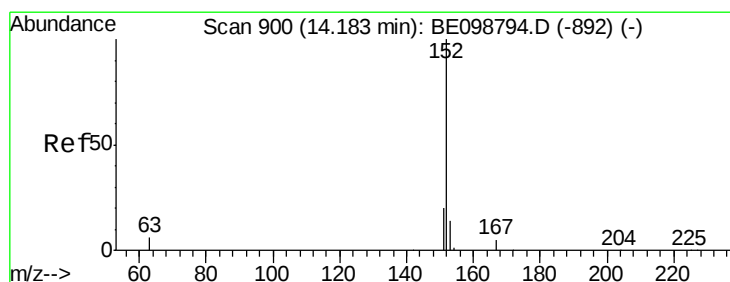
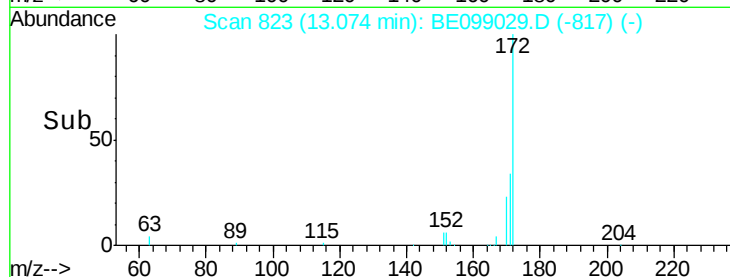
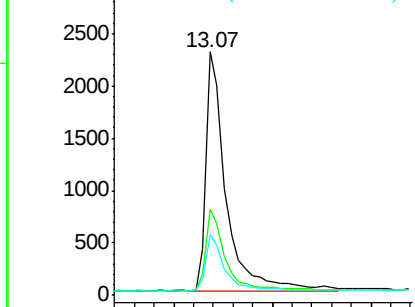
#15
2-Fluorobiphenyl
Concen: 0.560 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099029.D
Acq: 19 Mar 2019 9:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6450
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 24.8 17.7 26.5

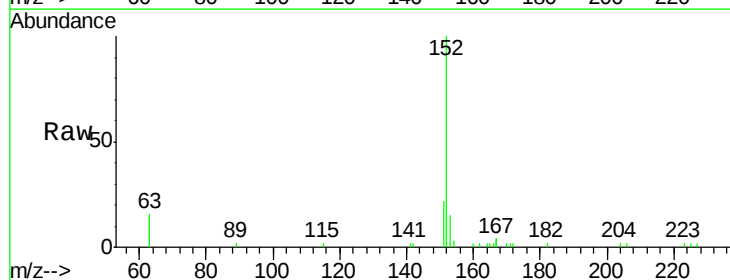


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

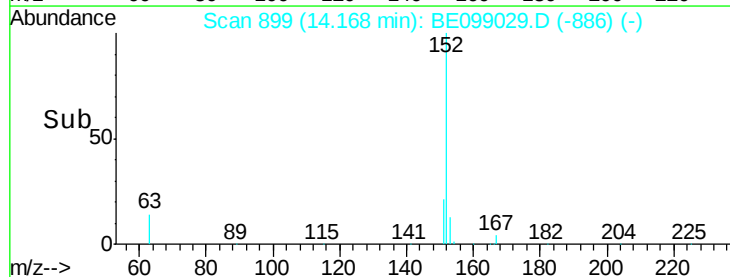
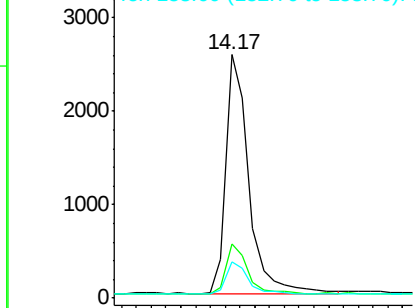


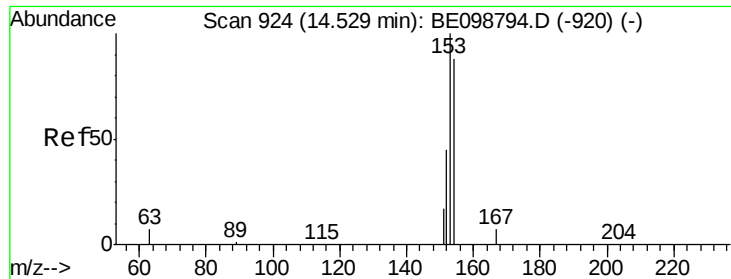
#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099029.D
Acq: 19 Mar 2019 9:06

Tgt Ion:152 Resp: 5547
Ion Ratio Lower Upper
152 100
151 19.8 17.0 25.6
153 13.1 11.2 16.8



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: 0.395 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

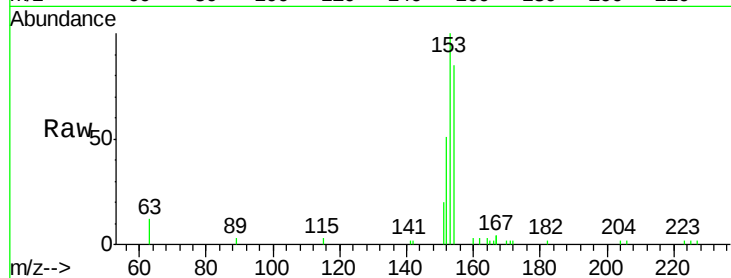
Tgt Ion:154 Resp: 3351

Ion Ratio Lower Upper

154 100

153 115.1 94.2 141.4

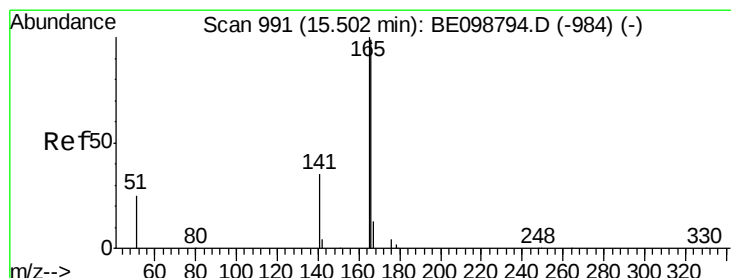
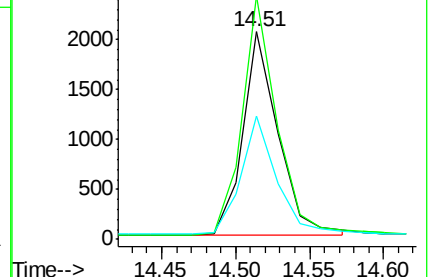
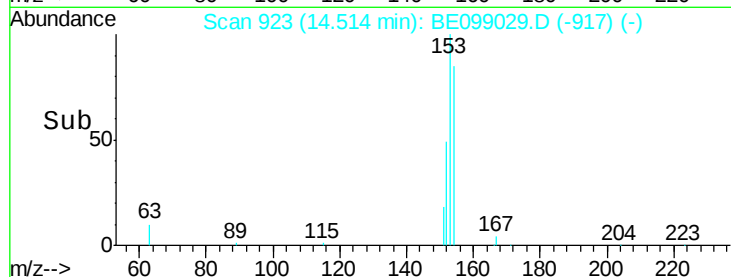
152 57.9 45.0 67.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.380 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

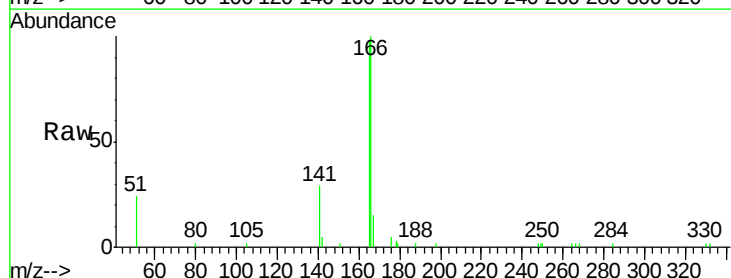
Tgt Ion:166 Resp: 4652

Ion Ratio Lower Upper

166 100

165 98.8 79.3 118.9

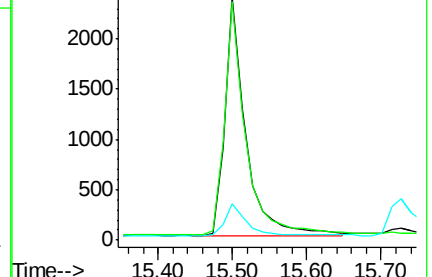
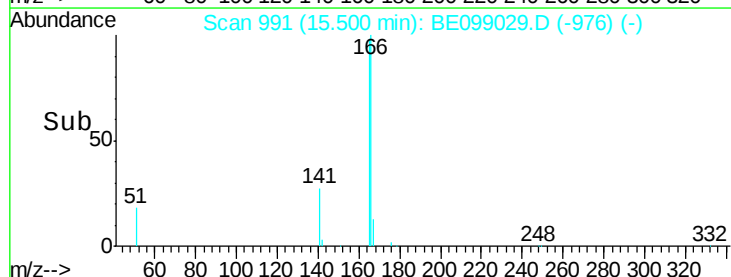
167 13.7 10.5 15.7

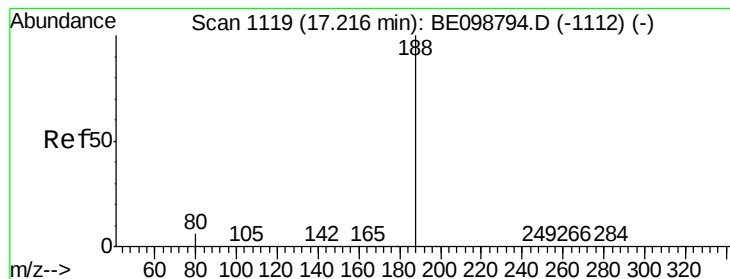


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:188 Resp: 6602

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

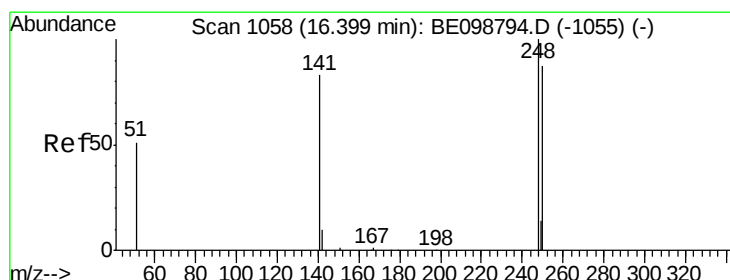
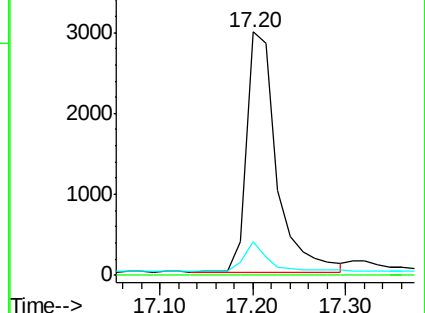
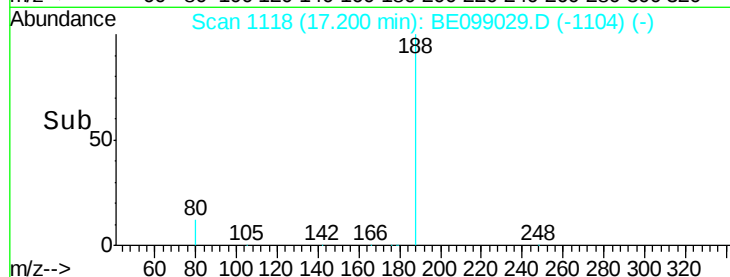
80 13.8 6.3 9.5#



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: 0.411 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

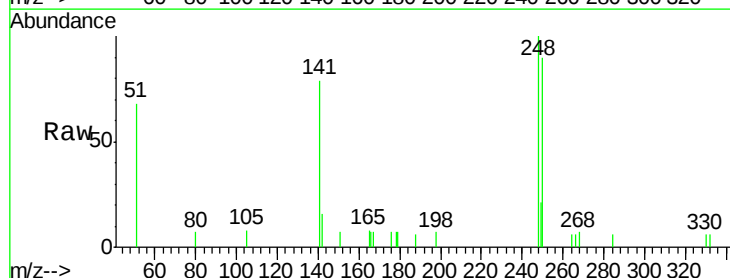
Tgt Ion:248 Resp: 1471

Ion Ratio Lower Upper

248 100

250 90.2 70.6 105.8

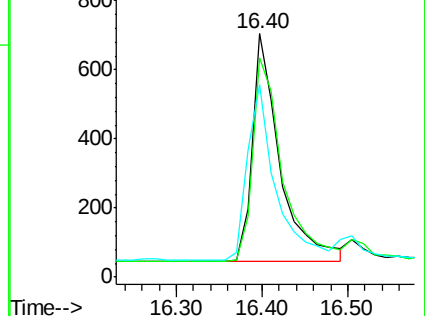
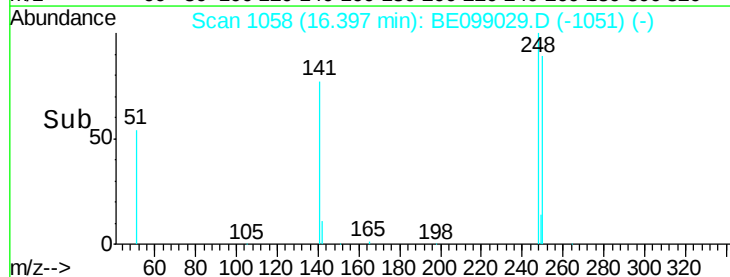
141 79.3 68.6 102.8

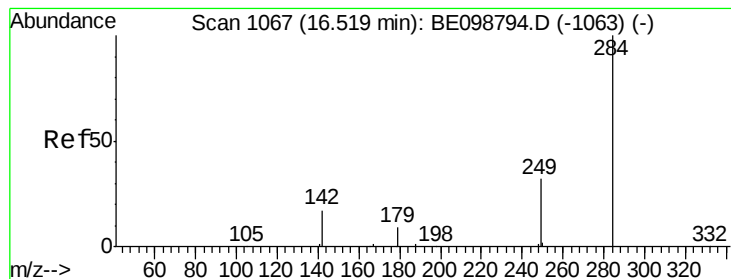


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.425 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.02 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

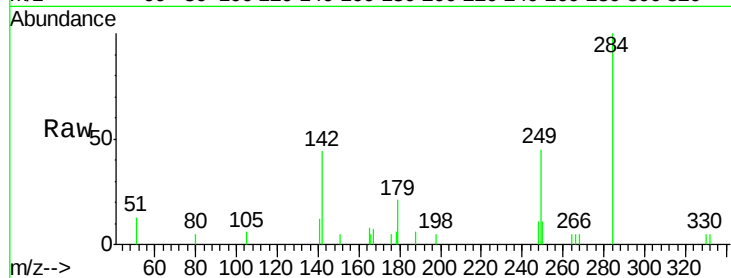
Tgt Ion:284 Resp: 1807

Ion Ratio Lower Upper

284 100

142 35.7 28.7 43.1

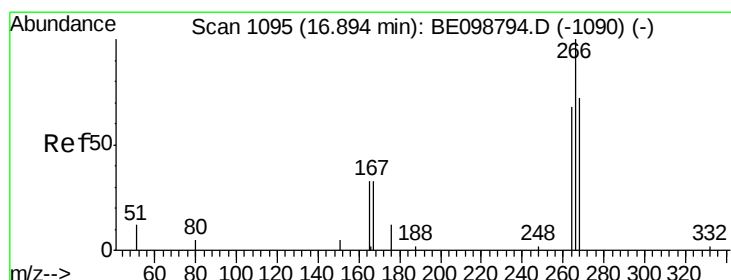
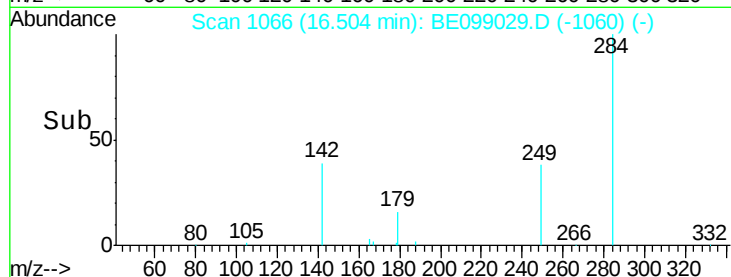
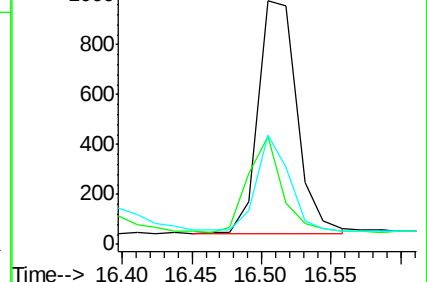
249 33.9 29.6 44.4



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: 0.329 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

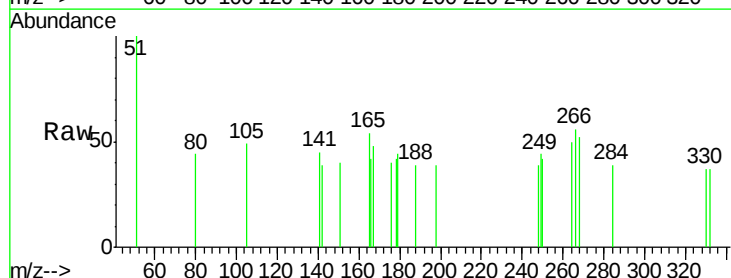
Tgt Ion:266 Resp: 93

Ion Ratio Lower Upper

266 100

264 89.6 66.6 100.0

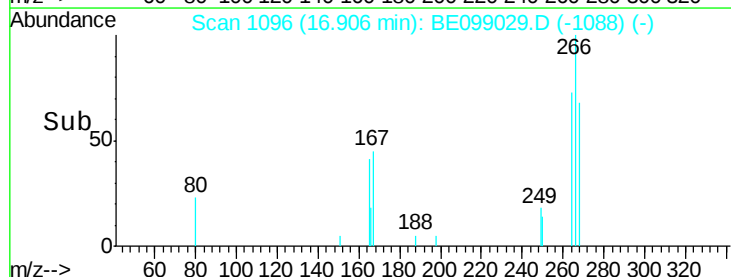
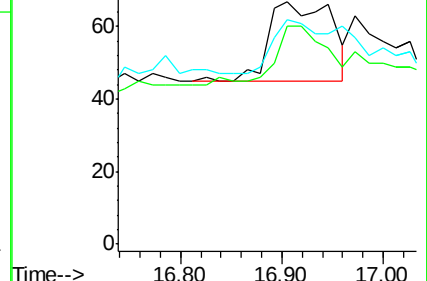
268 92.5 69.8 104.8

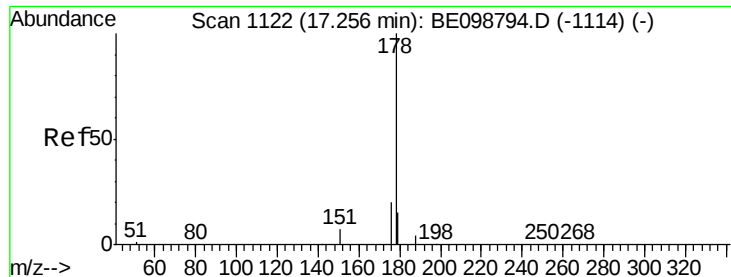


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.400 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

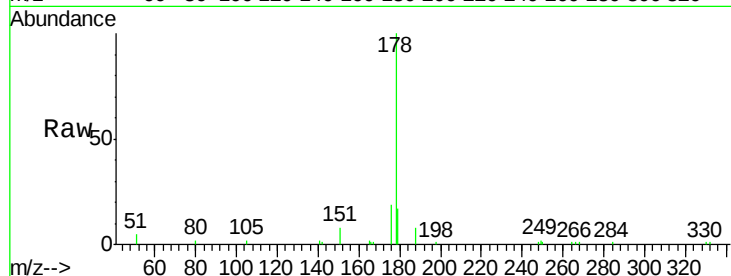
Tgt Ion:178 Resp: 7499

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

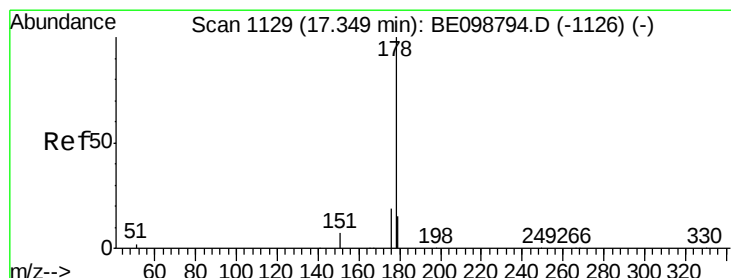
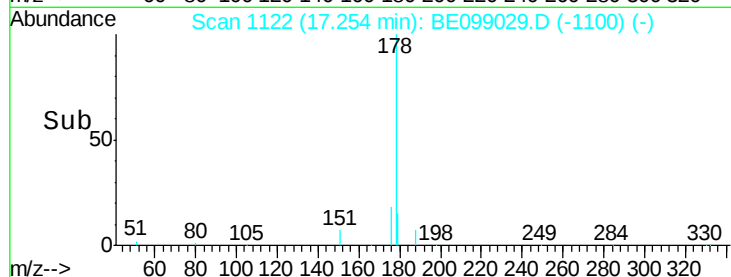
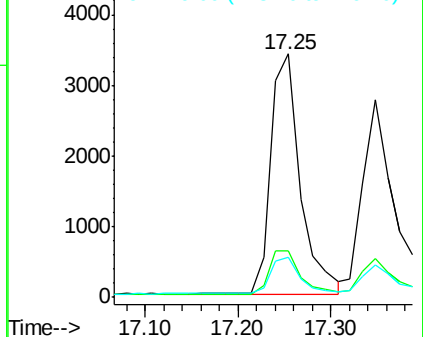
179 15.2 12.1 18.1



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



#24

Anthracene

Concen: 0.344 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

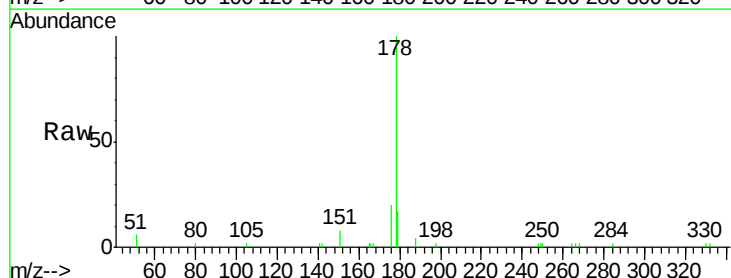
Tgt Ion:178 Resp: 5520

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

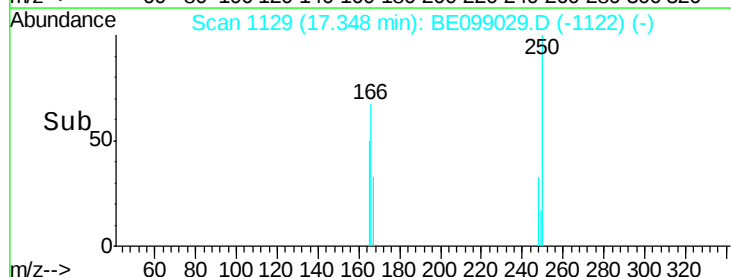
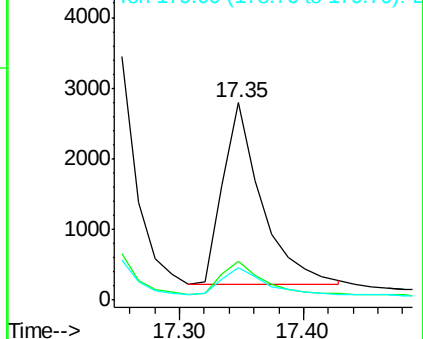
179 16.2 12.2 18.4

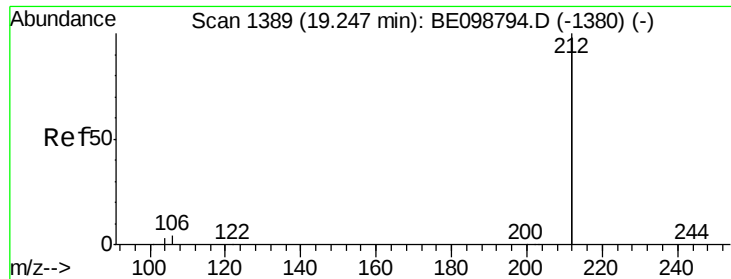


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

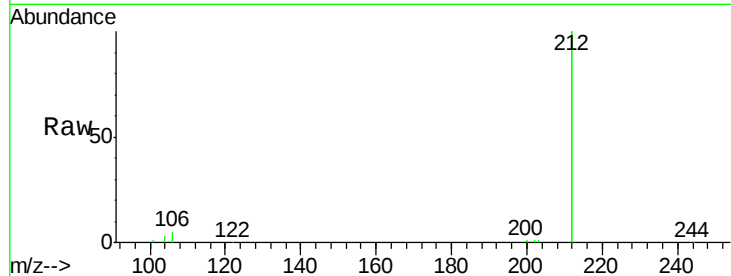
Tgt Ion:212 Resp: 37662

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

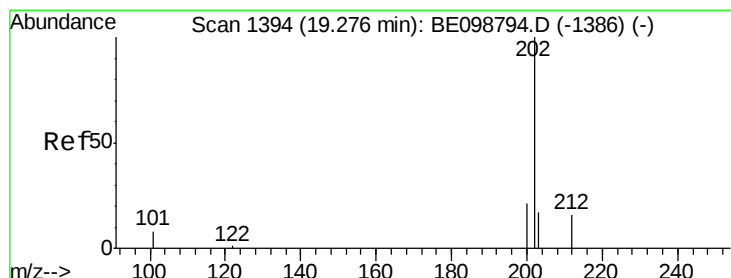
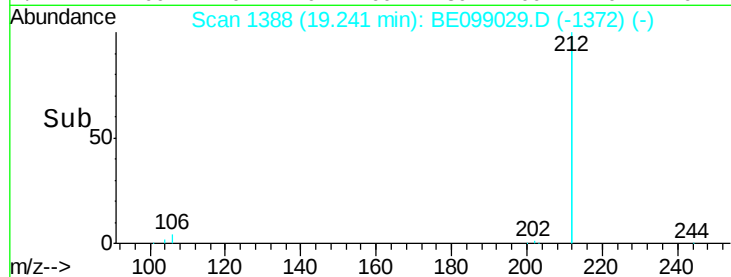
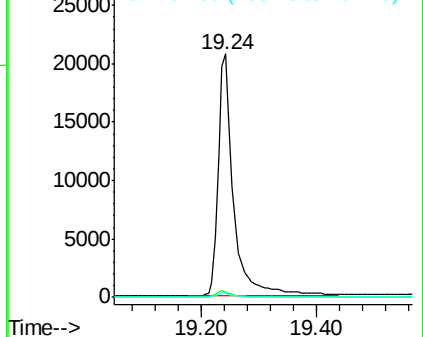
104 1.4 1.0 1.6



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: 0.370 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

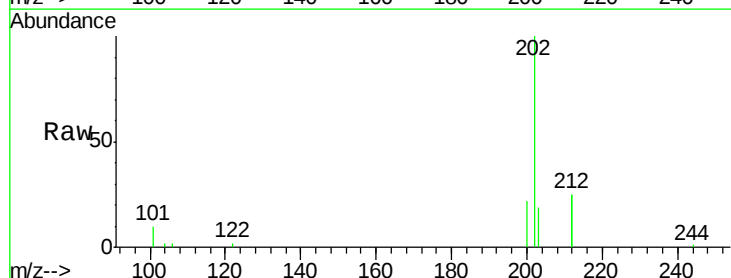
Tgt Ion:202 Resp: 9793

Ion Ratio Lower Upper

202 100

101 8.9 7.3 10.9

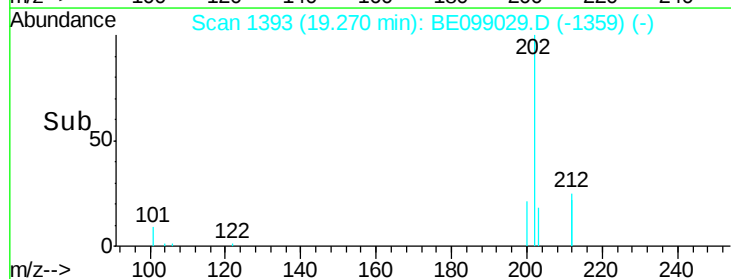
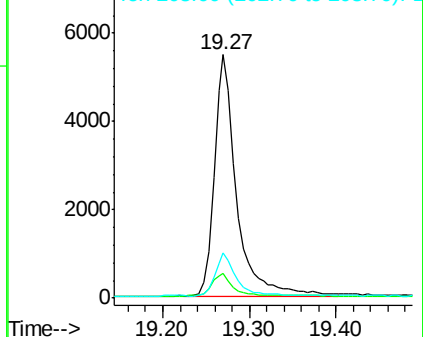
203 17.0 13.4 20.2

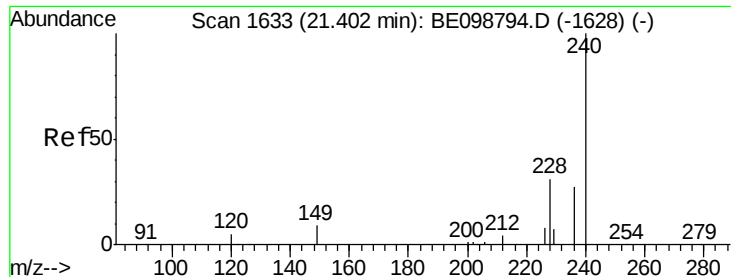


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

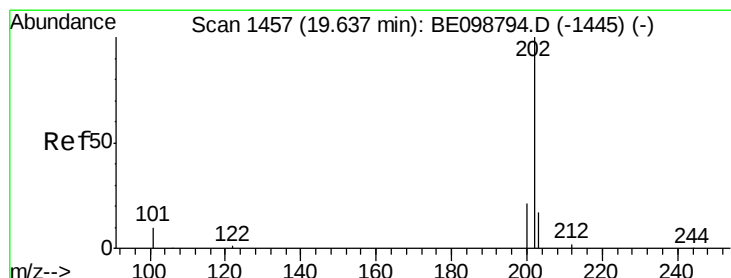
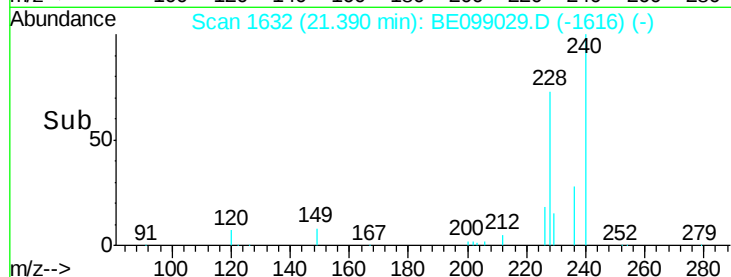
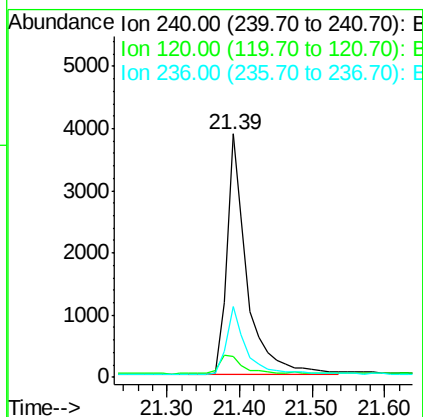
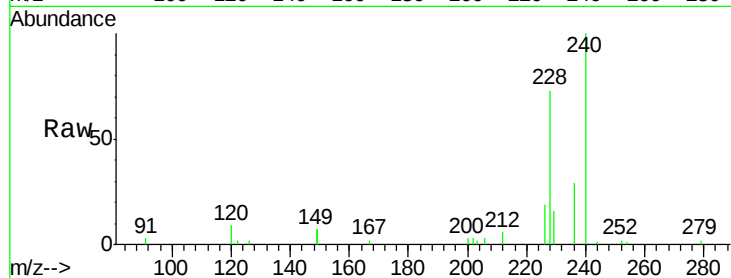




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099029.D
Acq: 19 Mar 2019 9:06

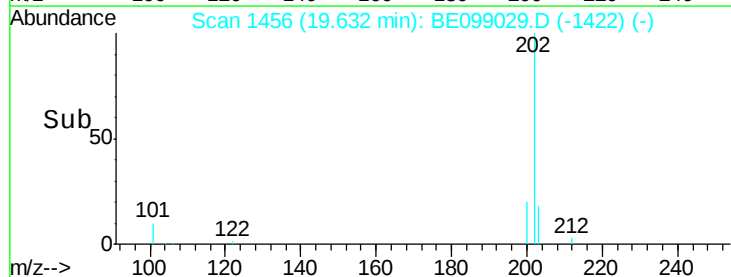
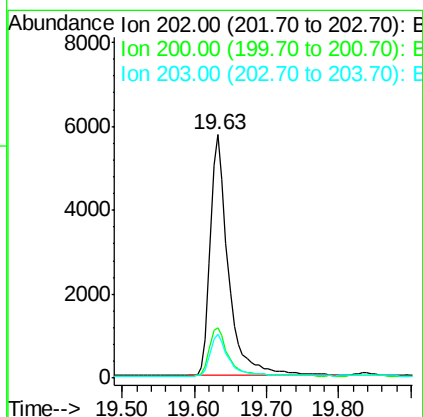
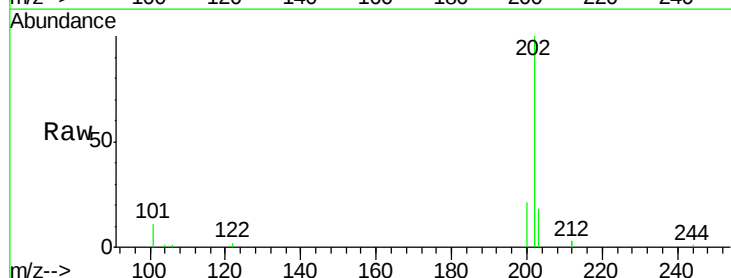
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

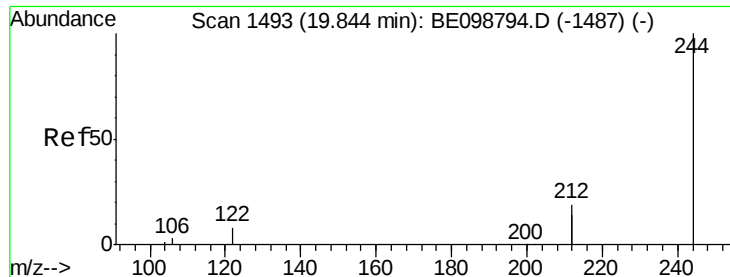
Tgt Ion:240 Resp: 7552
Ion Ratio Lower Upper
240 100
120 8.6 5.0 7.4#
236 28.9 22.7 34.1



#28
Pyrene
Concen: 0.439 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE099029.D
Acq: 19 Mar 2019 9:06

Tgt Ion:202 Resp: 10134
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.3 14.2 21.2





#29

Terphenyl-d14

Concen: 1.209 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

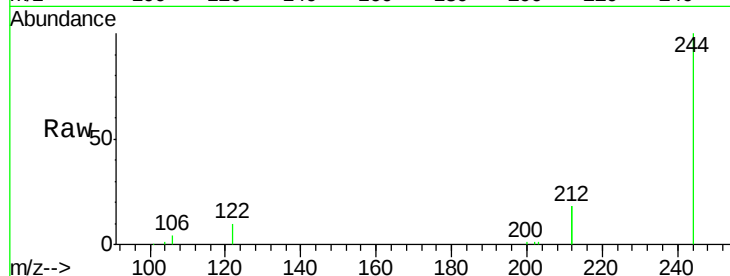
Tgt Ion:244 Resp: 22192

Ion Ratio Lower Upper

244 100

212 36.1 29.4 44.2

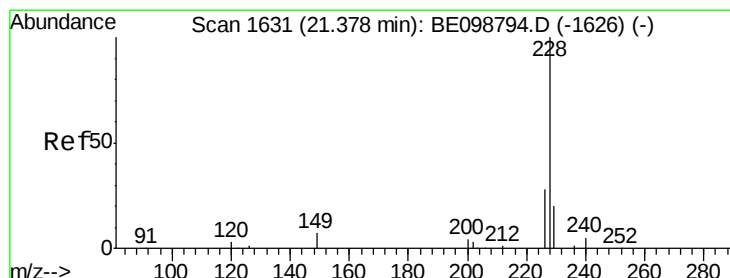
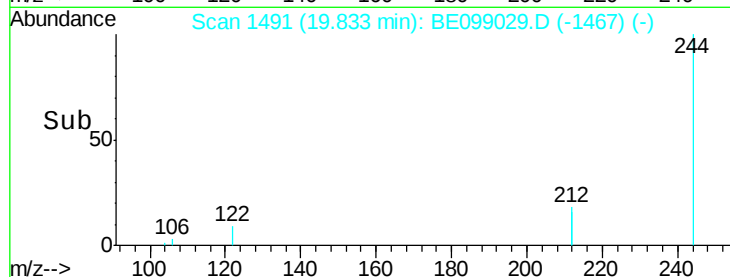
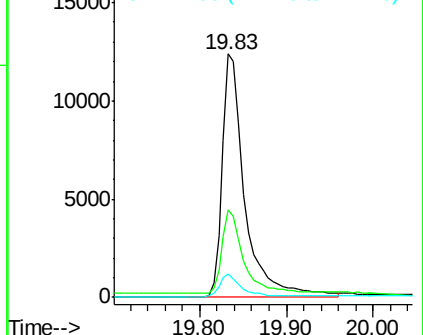
122 9.8 7.1 10.7



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: 0.343 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

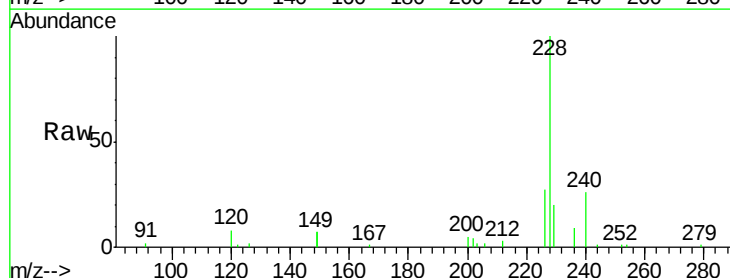
Tgt Ion:228 Resp: 8075

Ion Ratio Lower Upper

228 100

226 26.9 23.0 34.4

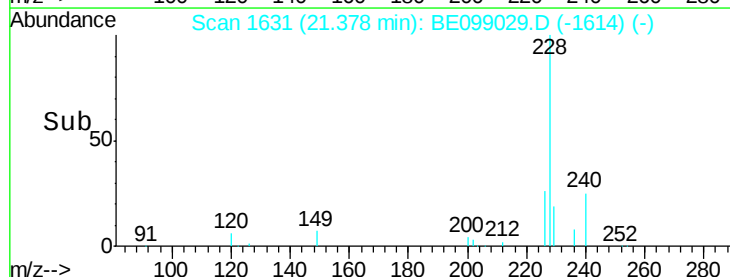
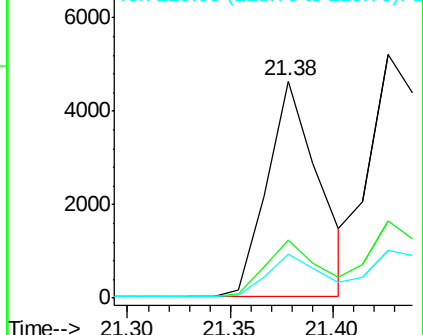
229 20.2 16.5 24.7

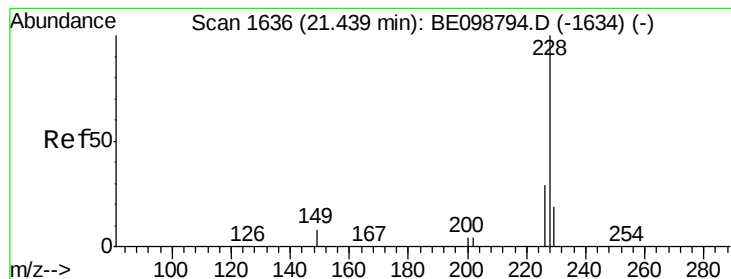


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.428 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

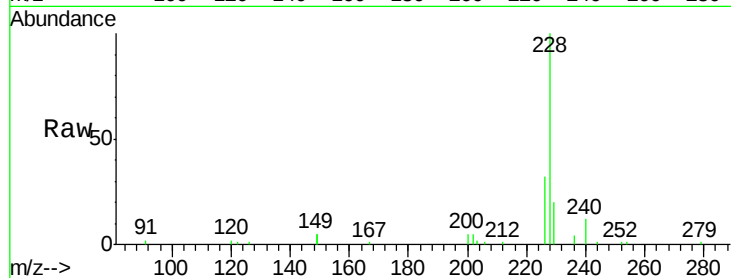
Tgt Ion:228 Resp: 10780

Ion Ratio Lower Upper

228 100

226 31.5 23.7 35.5

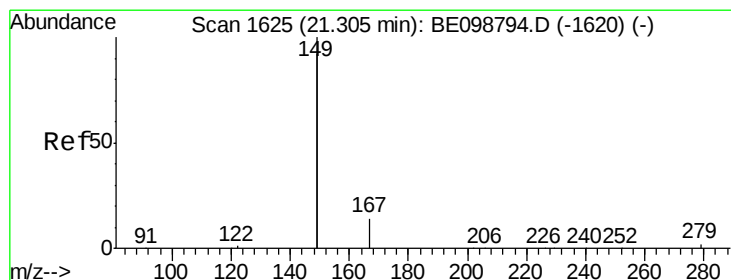
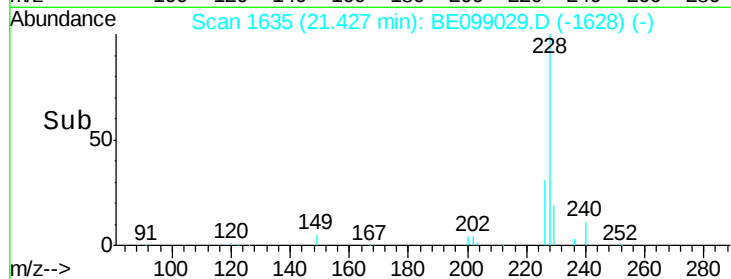
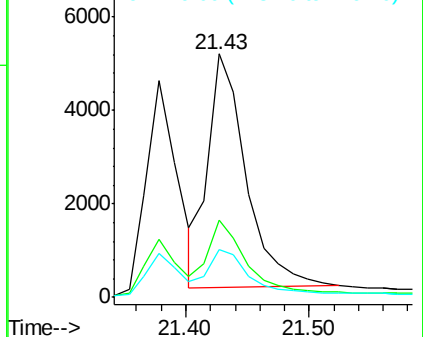
229 19.7 16.1 24.1



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: 0.312 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

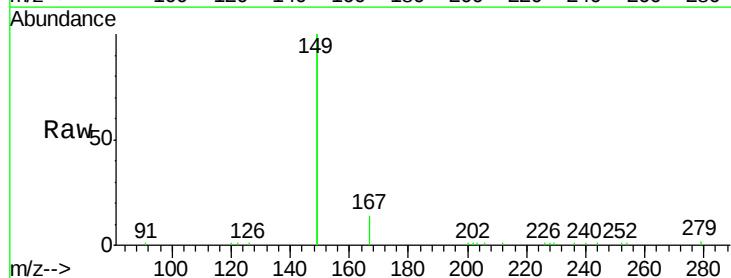
Tgt Ion:149 Resp: 15657

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

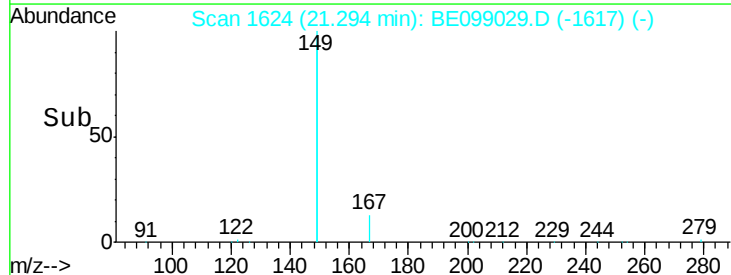
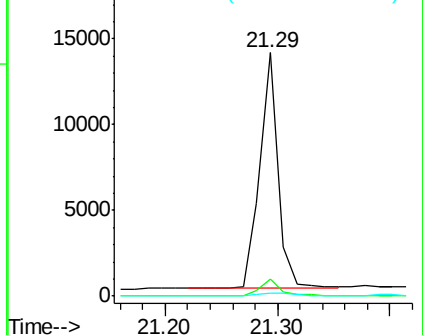
279 1.1 1.0 1.4

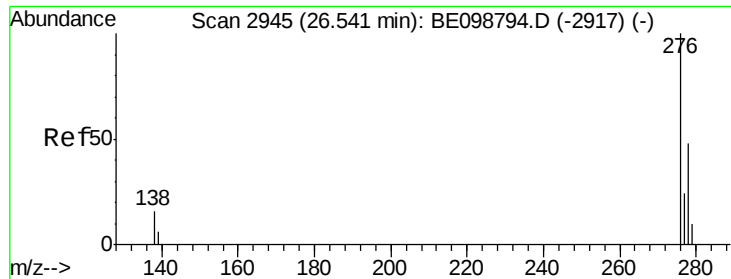


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.344 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

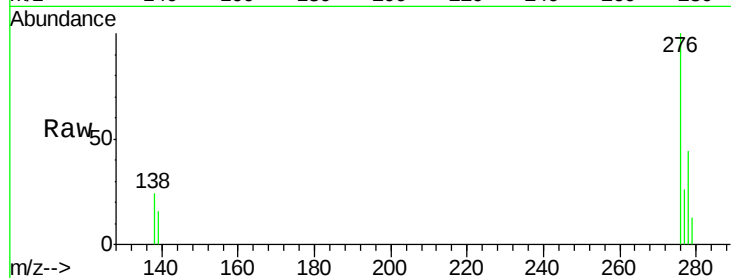
Tgt Ion:276 Resp: 9164

Ion Ratio Lower Upper

276 100

138 19.1 13.8 20.8

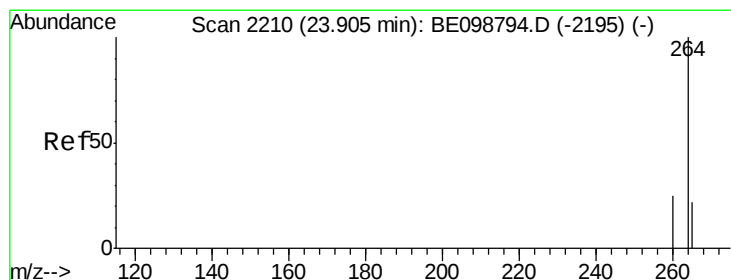
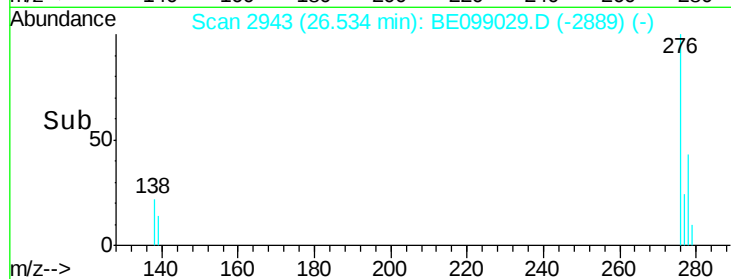
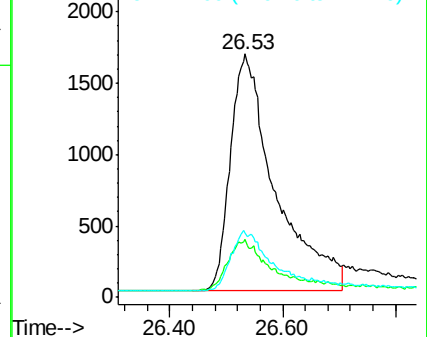
277 21.4 19.5 29.3



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: 23.89 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

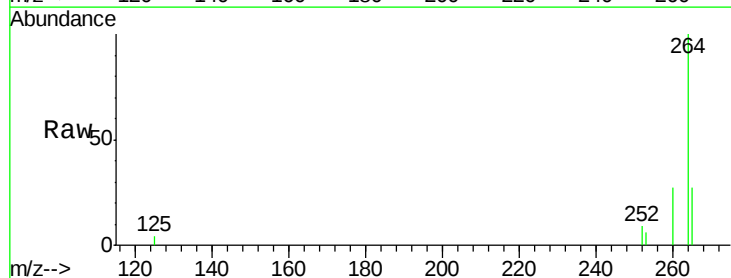
Tgt Ion:264 Resp: 7430

Ion Ratio Lower Upper

264 100

260 26.9 21.2 31.8

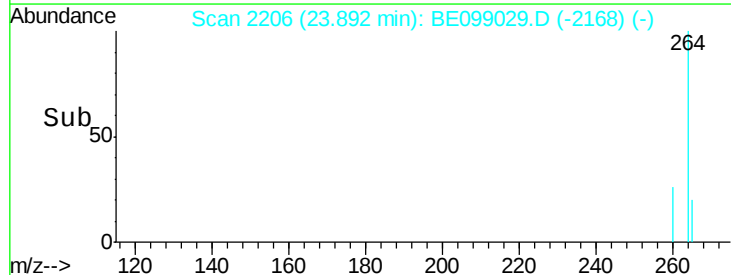
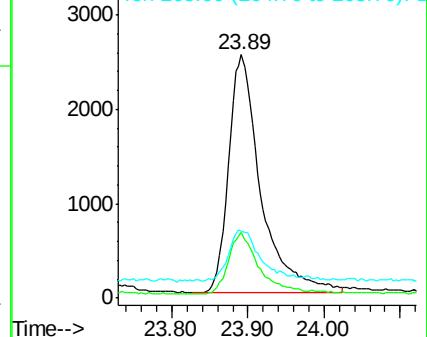
265 27.3 24.6 36.8

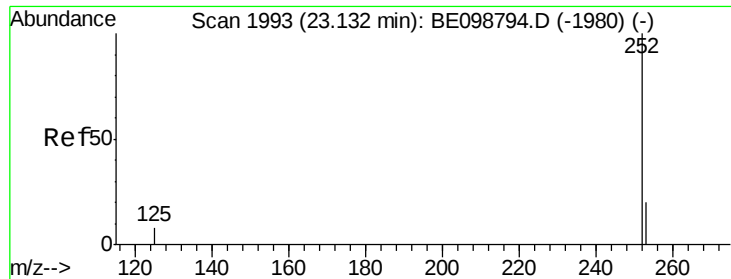


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.427 ng

RT: 23.18 min Scan# 2005

Delta R.T. 0.04 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

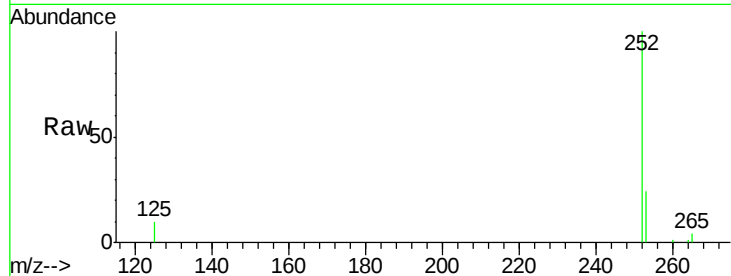
Tgt Ion:252 Resp: 10427

Ion Ratio Lower Upper

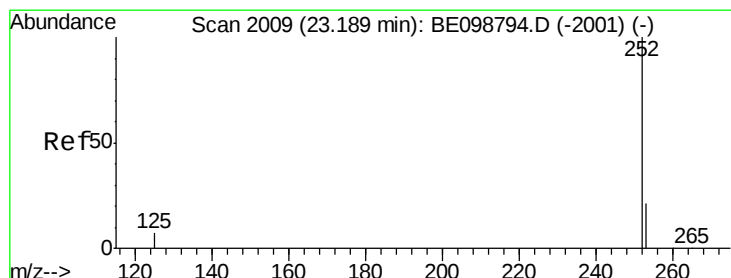
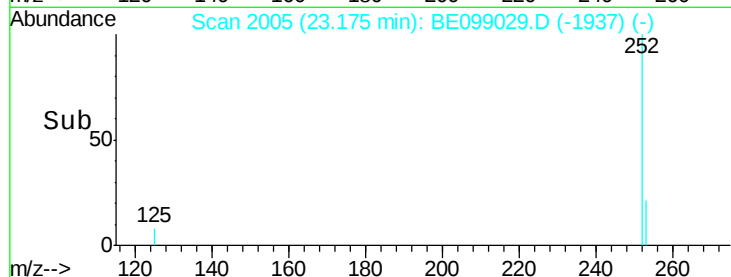
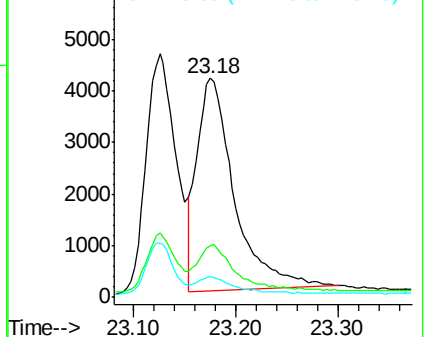
252 100

253 23.6 18.2 27.2

125 9.8 7.3 10.9



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: 0.424 ng

RT: 23.18 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

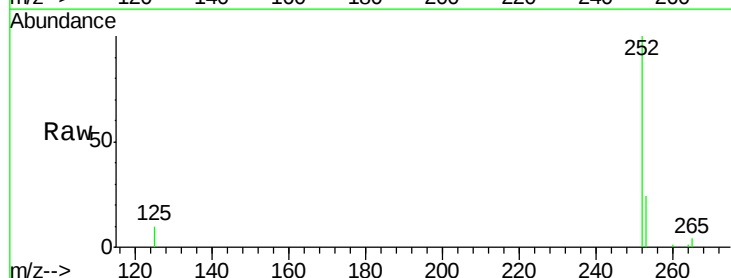
Tgt Ion:252 Resp: 10840

Ion Ratio Lower Upper

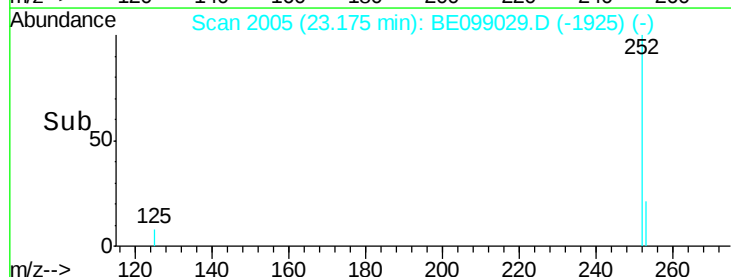
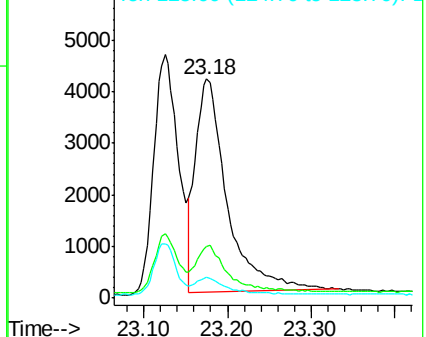
252 100

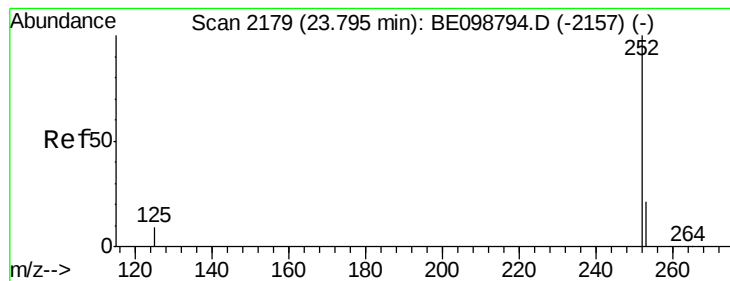
253 23.6 19.3 28.9

125 9.8 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: 0.409 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

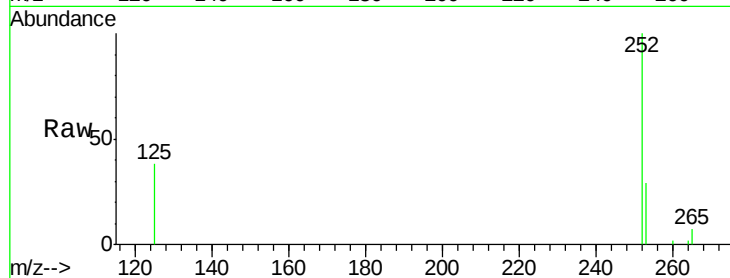
Tgt Ion:252 Resp: 9584

Ion Ratio Lower Upper

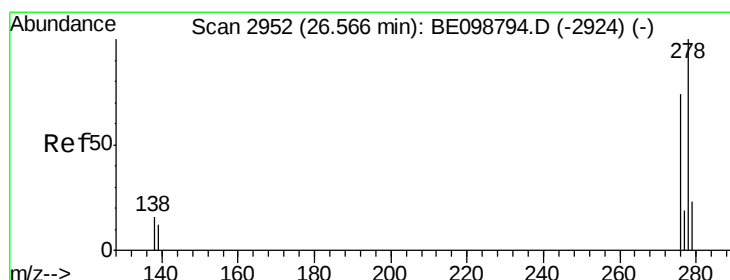
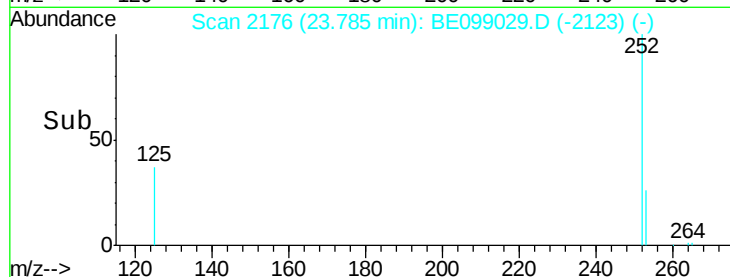
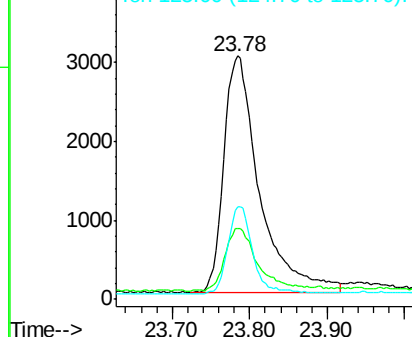
252 100

253 29.1 19.9 29.9

125 37.9 9.0 13.4#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.291 ng

RT: 26.56 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BE099029.D

Acq: 19 Mar 2019 9:06

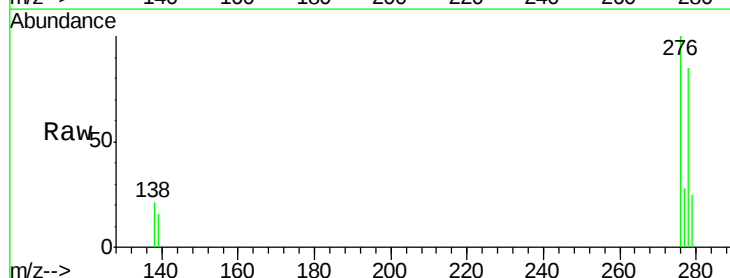
Tgt Ion:278 Resp: 6440

Ion Ratio Lower Upper

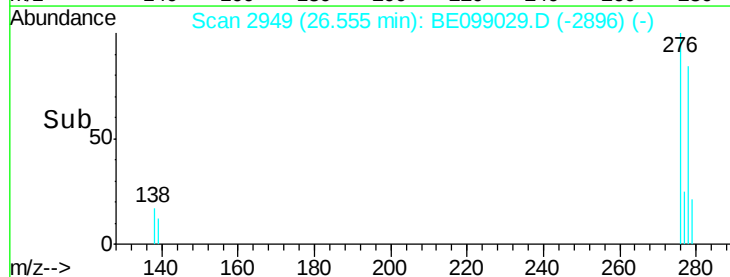
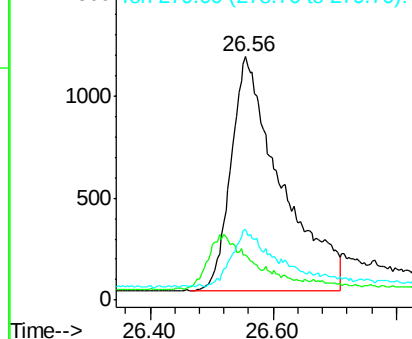
278 100

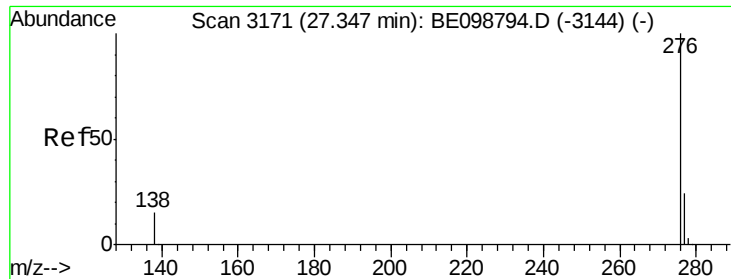
139 18.6 11.8 17.6#

279 29.1 21.1 31.7



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(g,h,i)perylene

Concen: 0.349 ng

RT: 27.33 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BE099029.D

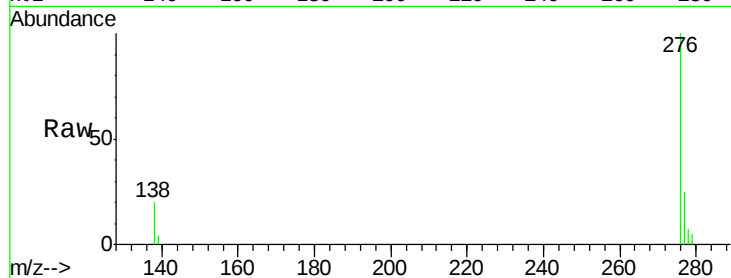
Acq: 19 Mar 2019 9:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



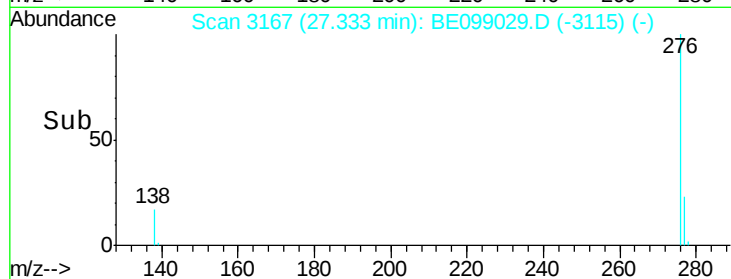
Tgt Ion: 276 Resp: 8087

Ion Ratio Lower Upper

276 100

277 25.4 20.4 30.6

138 19.8 13.6 20.4



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

