

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041819\
 Data File : BE099333.D
 Acq On : 18 Apr 2019 11:05
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Apr 18 14:01:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:54:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3740	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	14987	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10202	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	29033	0.40	ng	0.00
27) Chrysene-d12	21.37	240	34992	0.40	ng	0.00
34) Perylene-d12	23.86	264	31738	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	7689	0.77	ng	0.00
5) Phenol-d6	6.98	99	10955	0.80	ng	0.00
8) Nitrobenzene-d5	8.96	82	9176	0.89	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	21208	0.81	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2963	0.63	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	33409	0.83	ng	0.00
25) Fluoranthene-d10	19.22	212	287318	0.75	ng	0.00
29) Terphenyl-d14	19.82	244	57572	0.90	ng	0.00

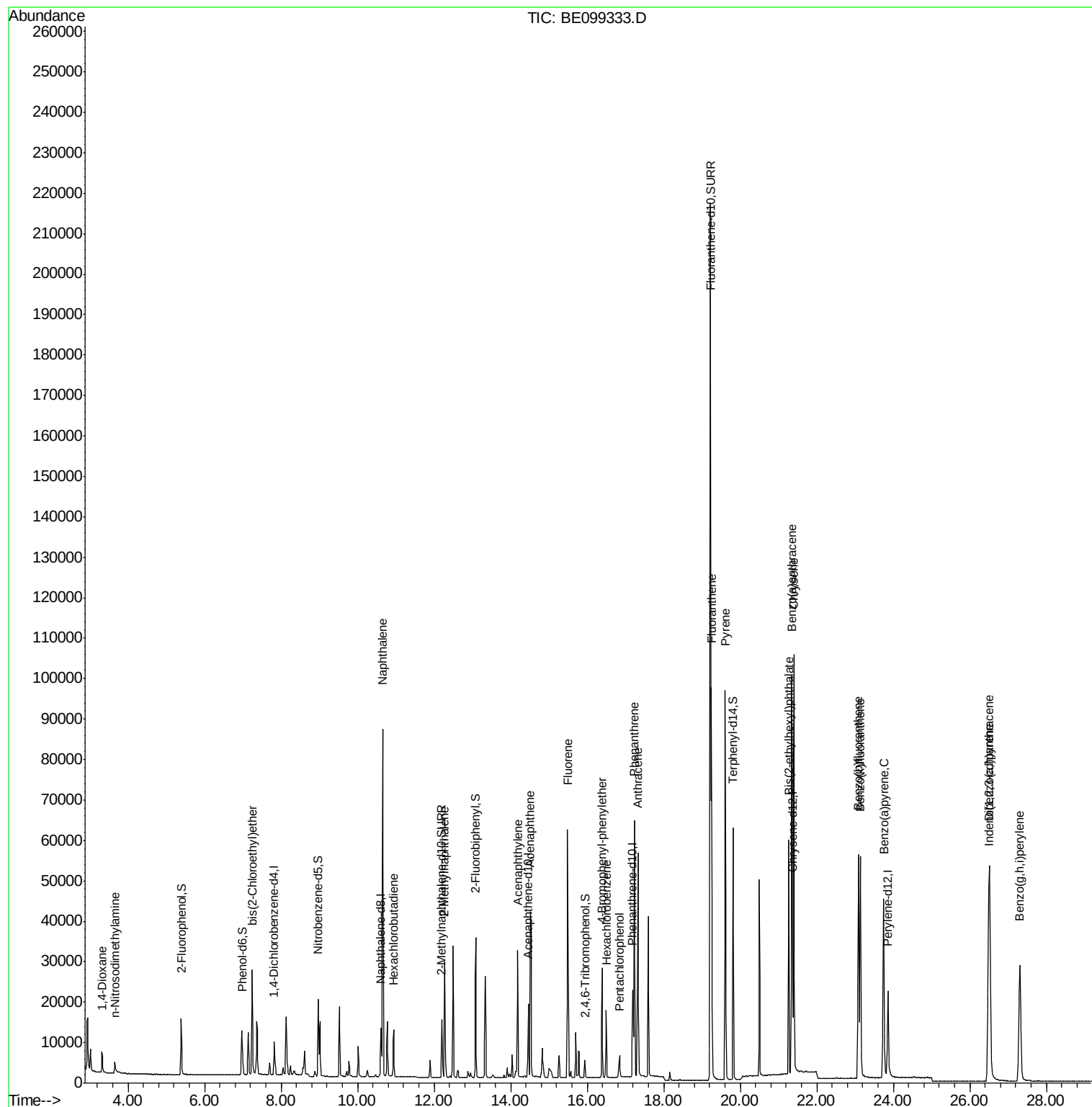
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.32	88	4192	0.823	ng	99
3) n-Nitrosodimethylamine	3.65	42	2261	0.752	ng	94
6) bis(2-Chloroethyl)ether	7.24	93	10123	0.826	ng	94
9) Naphthalene	10.65	128	132847	0.815	ng	99
10) Hexachlorobutadiene	10.94	225	8367	0.790	ng	98
12) 2-Methylnaphthalene	12.27	142	22529	0.812	ng	97
16) Acenaphthylene	14.18	152	38025	0.787	ng	99
17) Acenaphthene	14.51	154	23922	0.839	ng	97
18) Fluorene	15.49	166	34167	0.829	ng	99
20) 4-Bromophenyl-phenylether	16.39	248	13359	0.811	ng	99
21) Hexachlorobenzene	16.49	284	13022	0.830	ng	99
22) Pentachlorophenol	16.84	266	3189	0.489	ng	96
23) Phenanthrene	17.23	178	63891	0.850	ng	100
24) Anthracene	17.32	178	56997	0.804	ng	99
26) Fluoranthene	19.25	202	85965	0.775	ng	99
28) Pyrene	19.61	202	86052	0.931	ng	100
30) Benzo(a)anthracene	21.34	228	86951	0.789	ng	99
31) Chrysene	21.40	228	89453	0.828	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	67444	0.480	ng	99
33) Indeno(1,2,3-cd)pyrene	26.49	276	88161	0.714	ng	100
35) Benzo(b)fluoranthene	23.09	252	81262	0.858	ng	99
36) Benzo(k)fluoranthene	23.14	252	79310	0.861	ng	99
37) Benzo(a)pyrene	23.74	252	71916	0.808	ng	98
38) Dibenzo(a,h)anthracene	26.52	278	73438	0.830	ng	99
39) Benzo(g,h,i)perylene	27.30	276	74307	0.842	ng	98

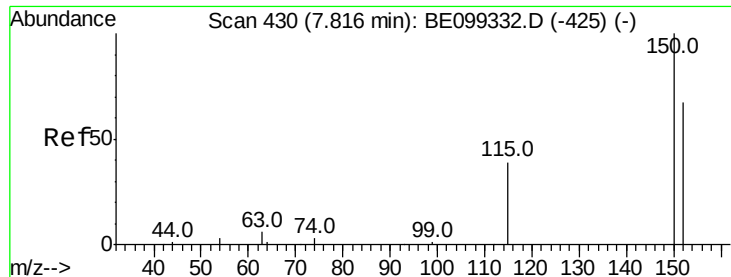
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 13:54:27 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

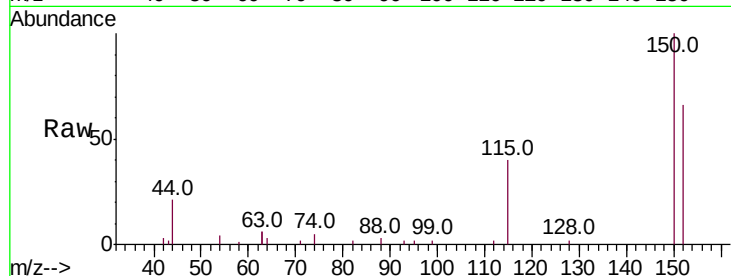
Tot Ion:152 Resp: 3740

Ion Ratio Lower Upper

152 100

150 150.7 119.5 179.3

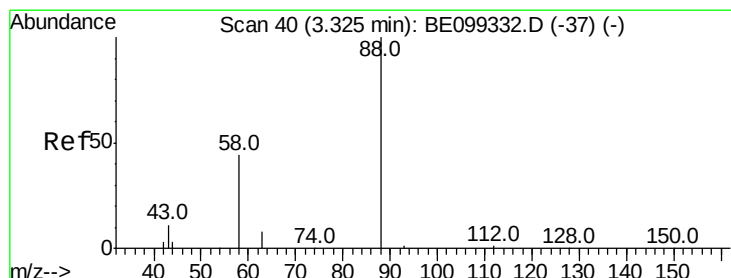
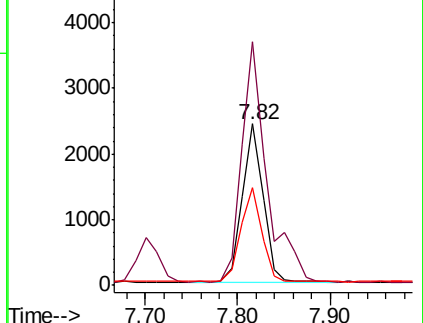
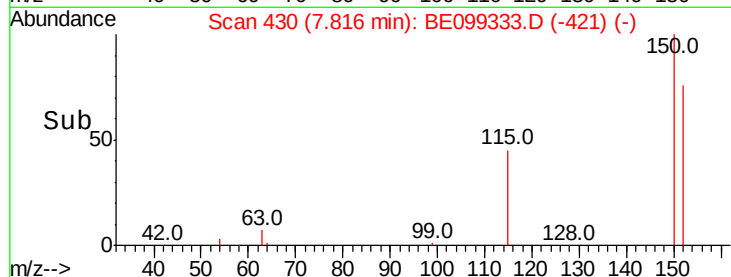
115 60.7 47.5 71.3



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: 0.823 ng

RT: 3.32 min Scan# 40

Delta R.T. 0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

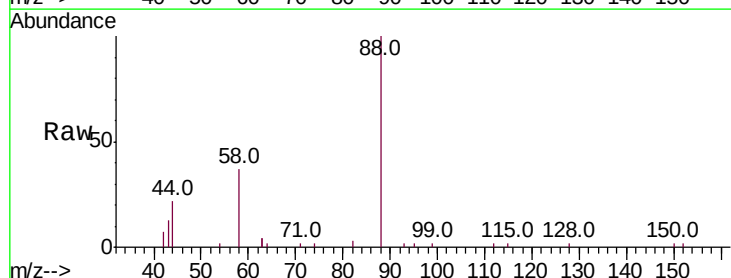
Tgt Ion: 88 Resp: 4192

Ion Ratio Lower Upper

88 100

58 61.2 49.1 73.7

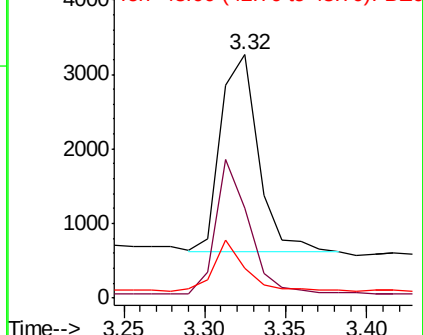
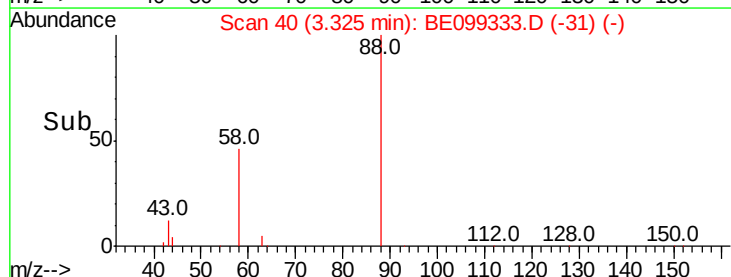
43 23.5 17.9 26.9

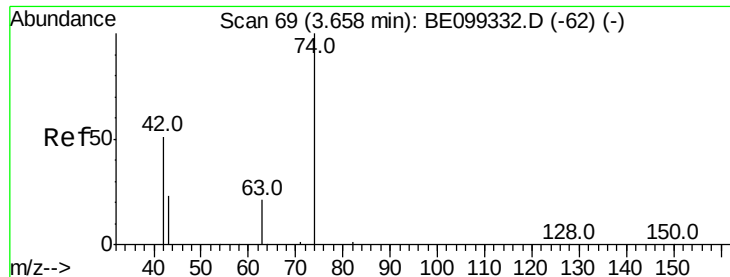


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



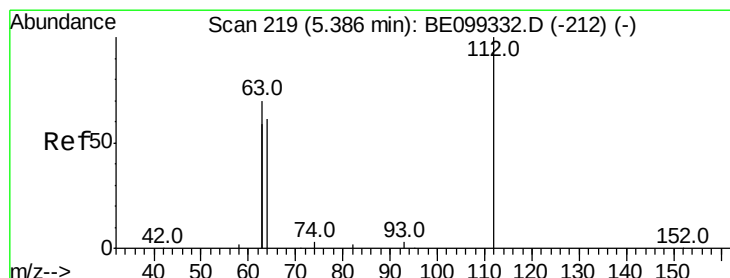
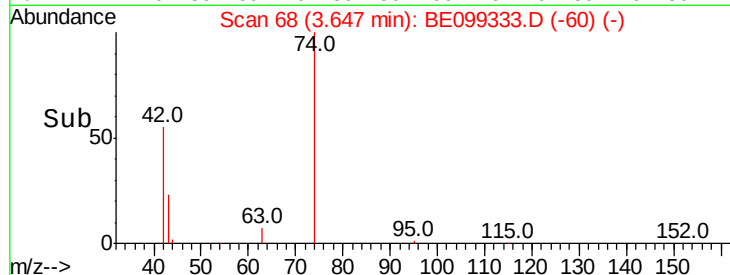
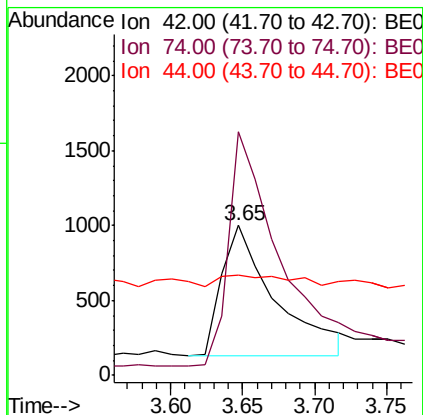
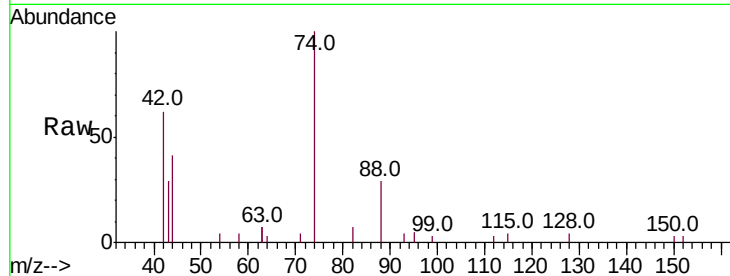


#3

n-Nitrosodimethylamine
 Concen: 0.752 ng
 RT: 3.65 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BE099333.D
 Acq: 18 Apr 2019 11:05

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

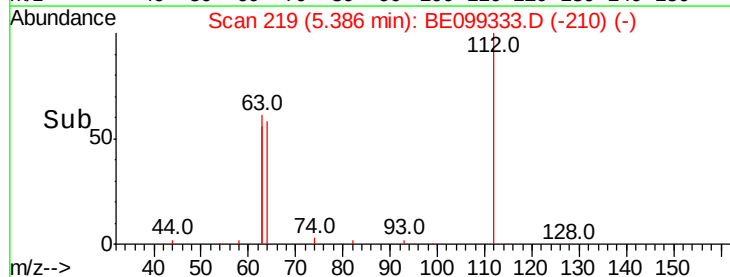
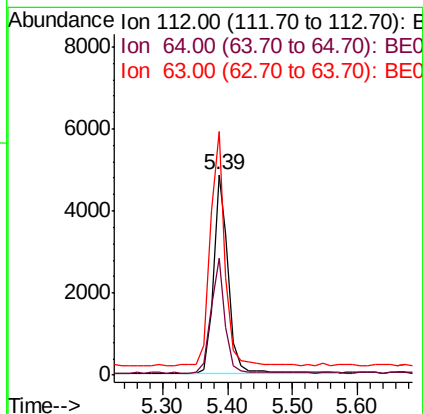
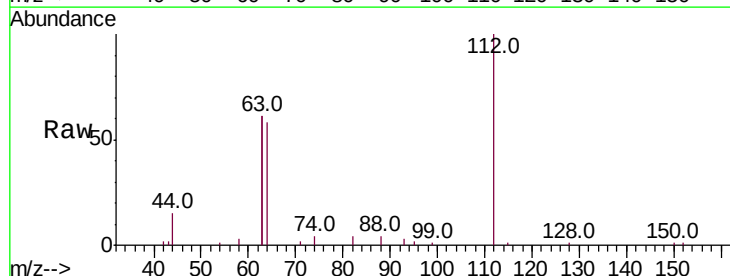
Tot Ion: 42 Resp: 2261
 Ion Ratio Lower Upper
 42 100
 74 173.2 145.8 218.8
 44 11.5 9.0 13.4

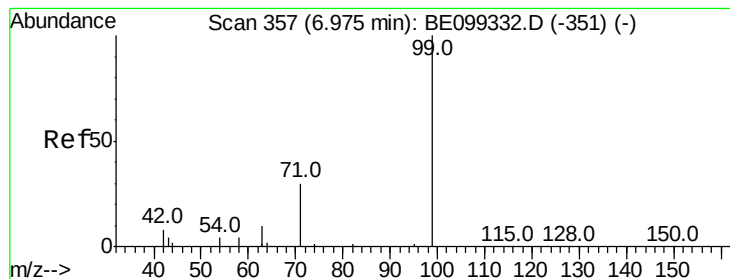


#4

2-Fluorophenol
 Concen: 0.774 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099333.D
 Acq: 18 Apr 2019 11:05

Tgt Ion: 112 Resp: 7689
 Ion Ratio Lower Upper
 112 100
 64 55.4 44.9 67.3
 63 117.4 97.4 146.0





#5

Phenol-d6

Concen: 0.802 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

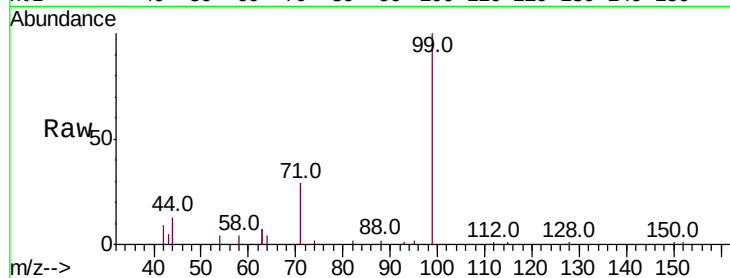
Tot Ion: 99 Resp: 10955

Ion Ratio Lower Upper

99 100

42 14.3 11.7 17.5

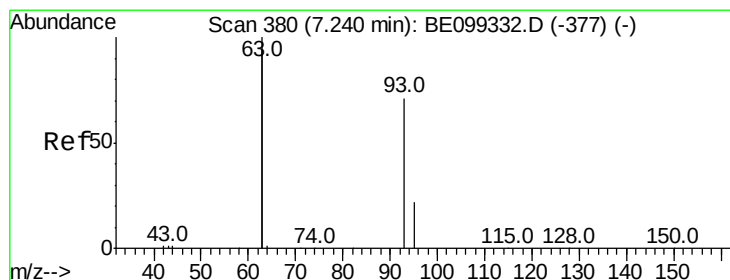
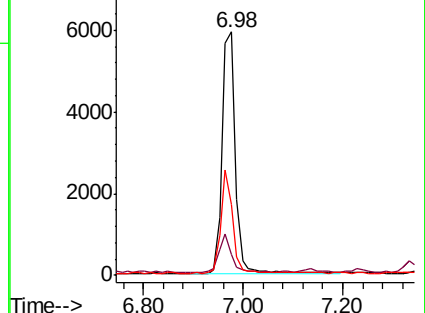
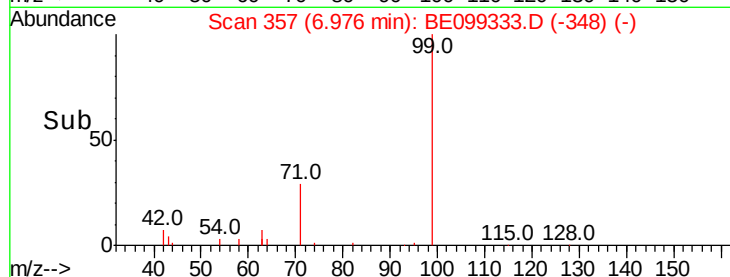
71 36.9 29.6 44.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.826 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

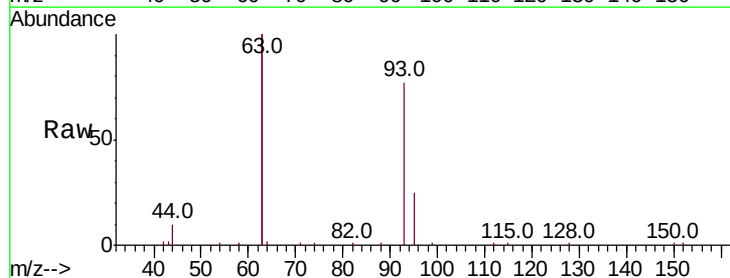
Tgt Ion: 93 Resp: 10123

Ion Ratio Lower Upper

93 100

63 281.9 216.6 324.8

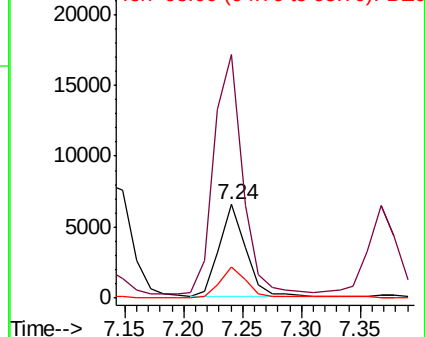
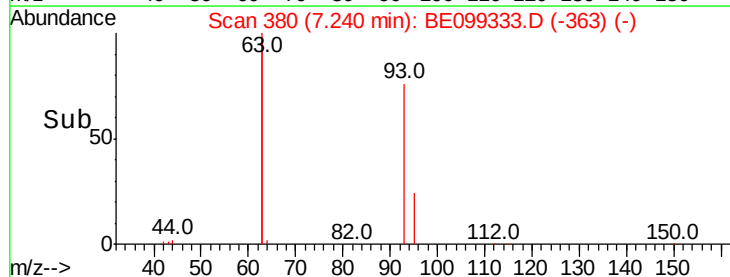
95 32.6 25.8 38.6

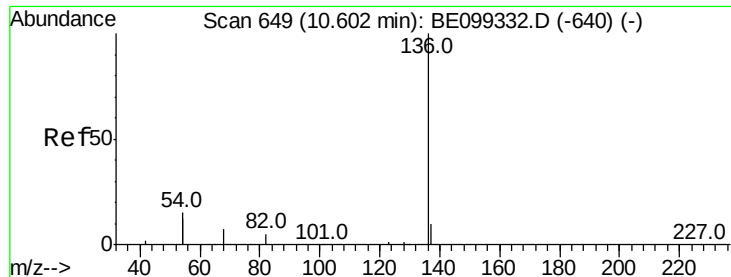


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 14987

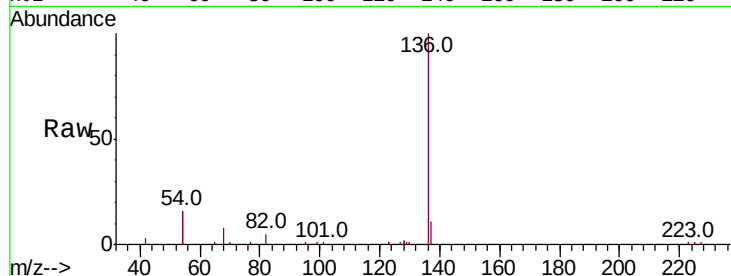
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 31.1 23.8 35.8

68 8.2 6.4 9.6

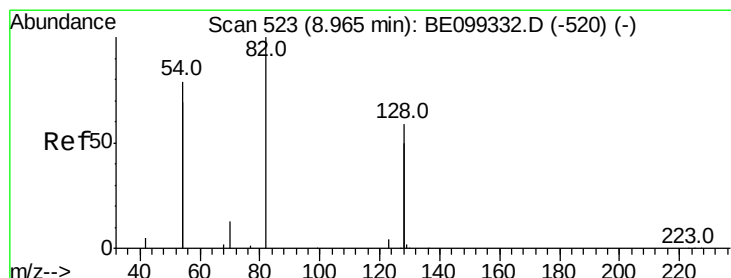
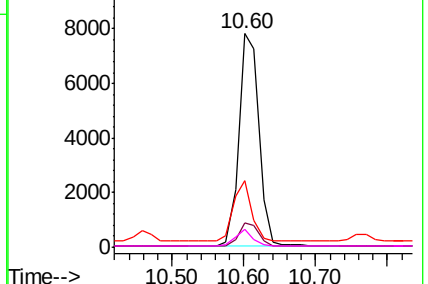
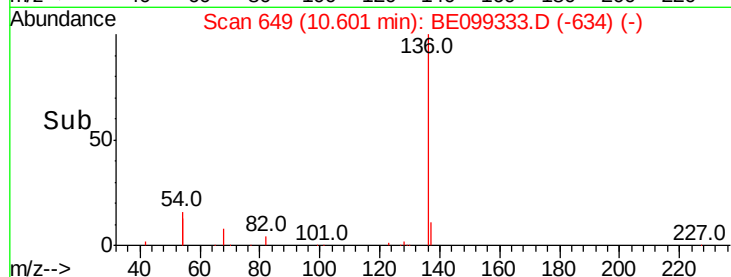


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.892 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

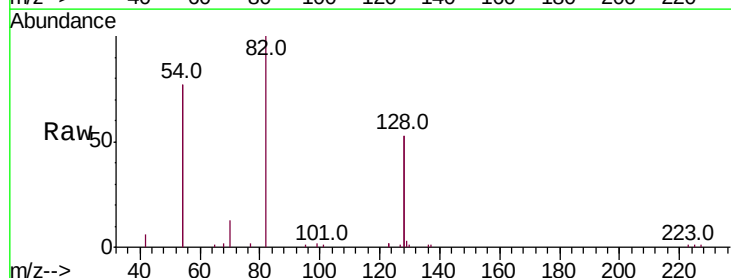
Tgt Ion: 82 Resp: 9176

Ion Ratio Lower Upper

82 100

128 105.1 91.7 137.5

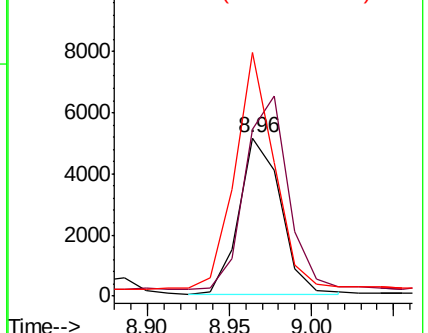
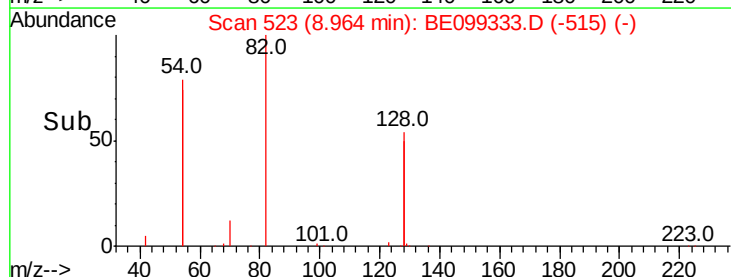
54 153.6 122.8 184.2

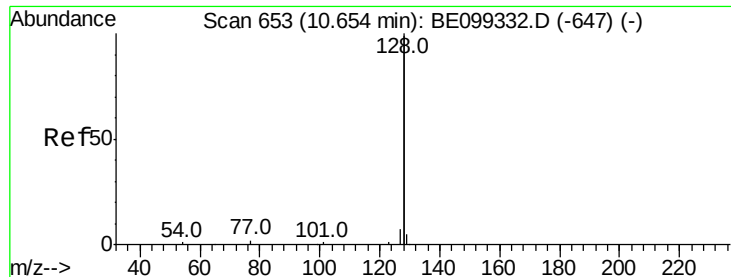


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.815 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

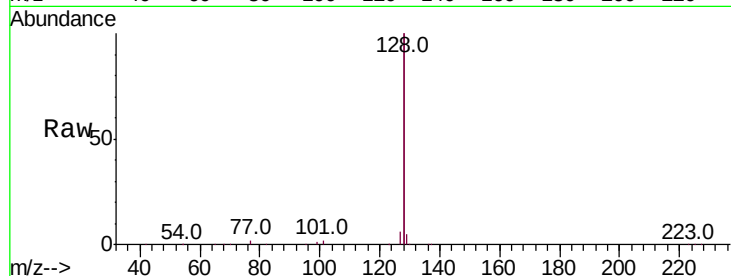
Tot Ion:128 Resp: 132847

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

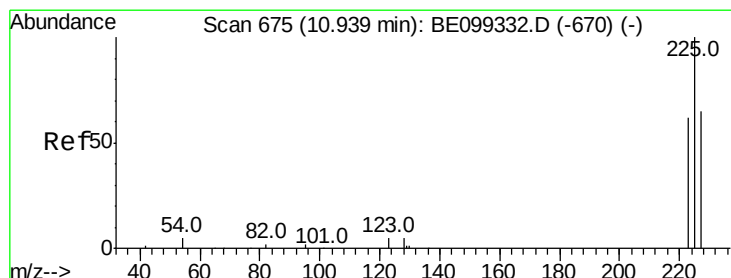
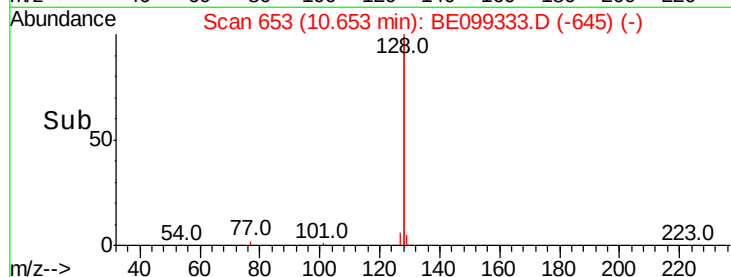
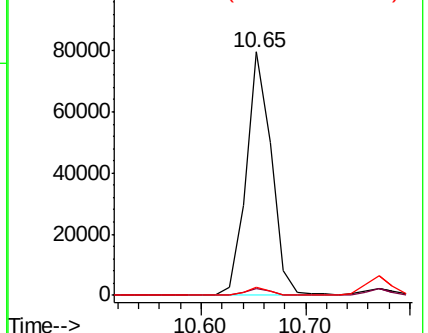
127 3.1 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.790 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

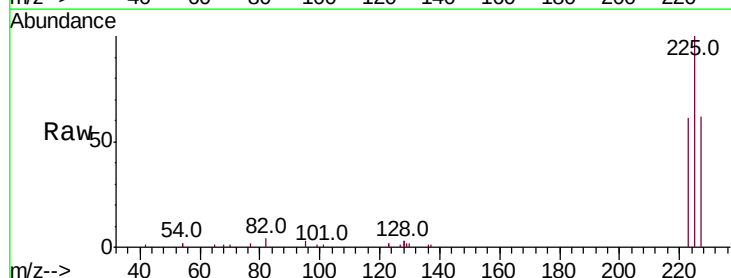
Tgt Ion:225 Resp: 8367

Ion Ratio Lower Upper

225 100

223 64.5 50.3 75.5

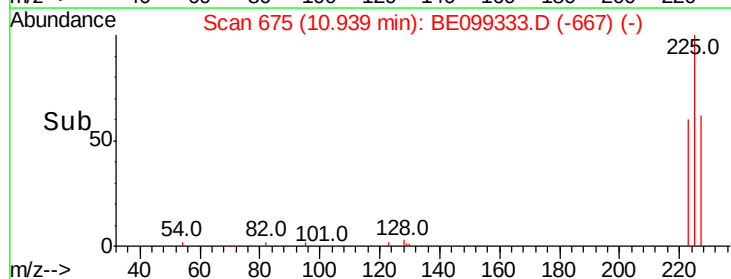
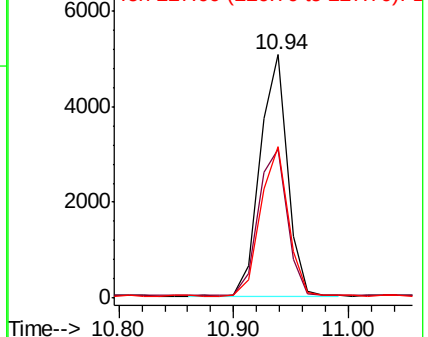
227 62.4 49.4 74.0

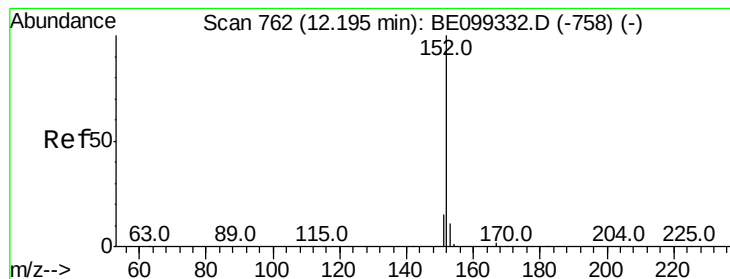


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.811 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

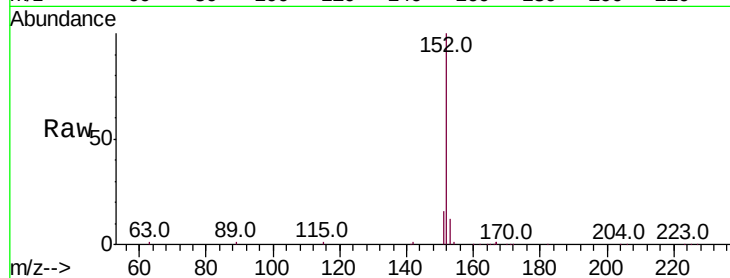
SSTDIC0.8

Tot Ion:152 Resp: 21208

Ion Ratio Lower Upper

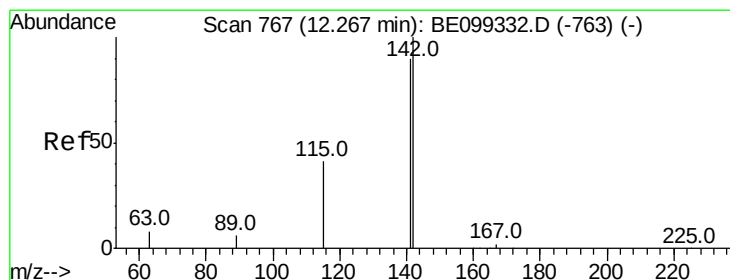
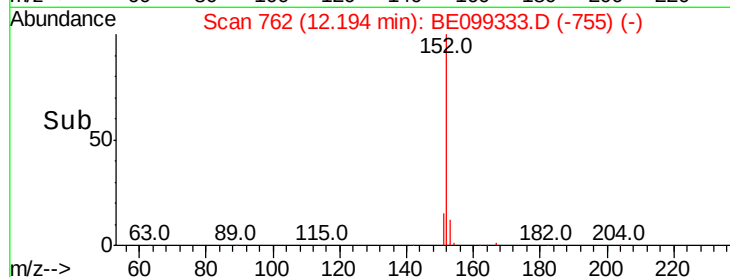
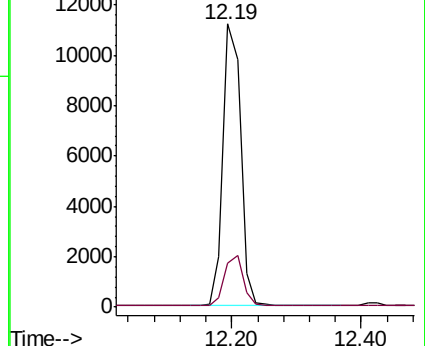
152 100

151 18.9 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.812 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

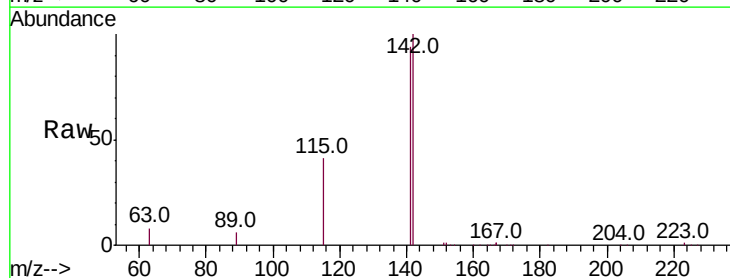
Tgt Ion:142 Resp: 22529

Ion Ratio Lower Upper

142 100

141 94.0 72.0 108.0

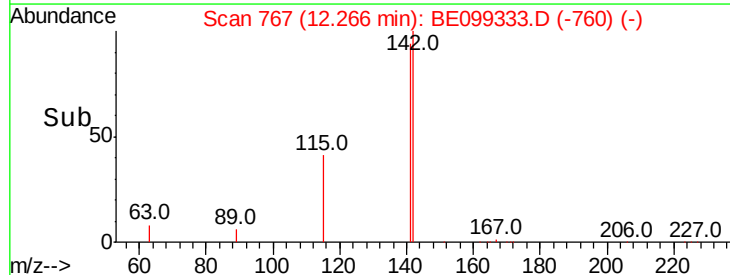
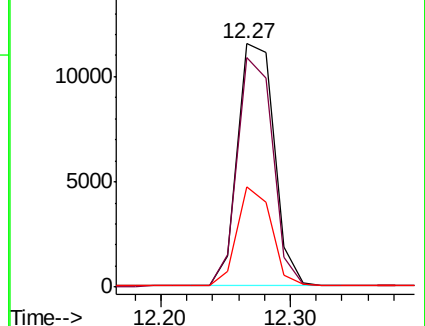
115 41.2 33.4 50.0

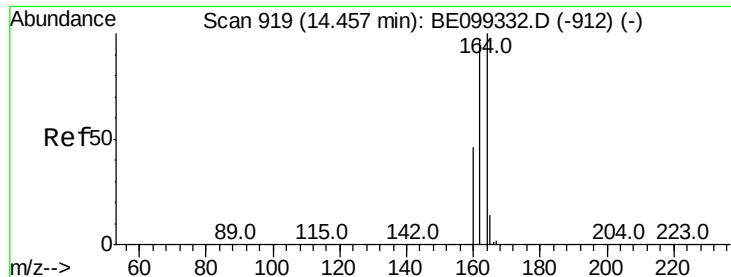


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

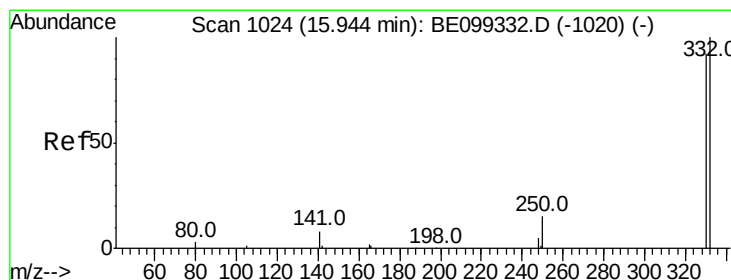
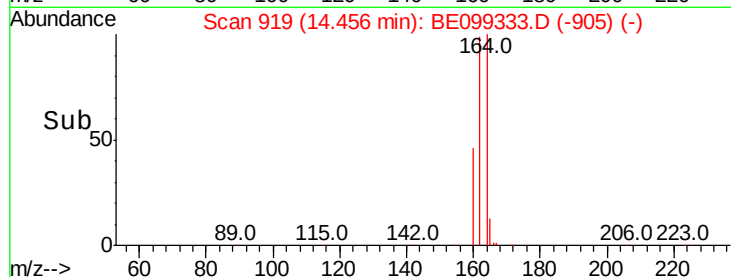
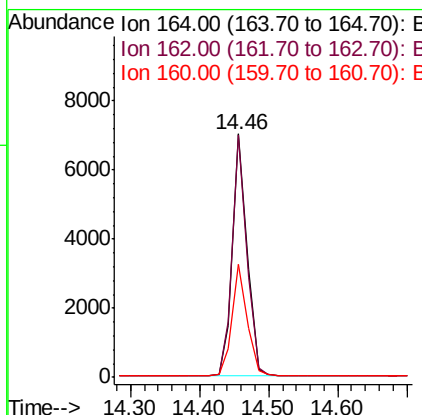
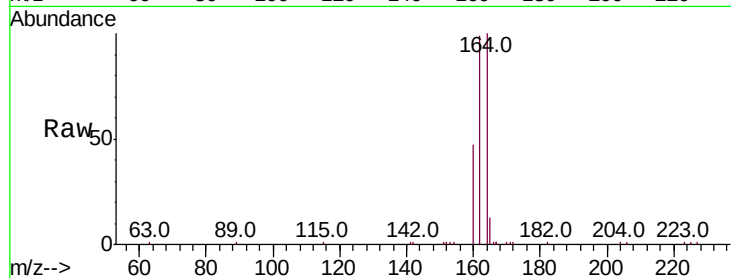




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099333.D
Acq: 18 Apr 2019 11:05

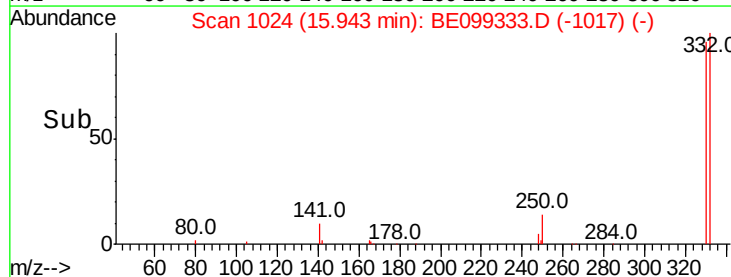
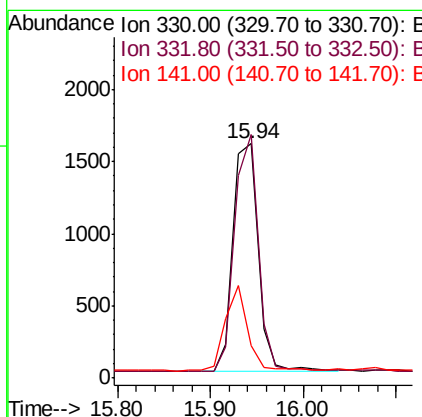
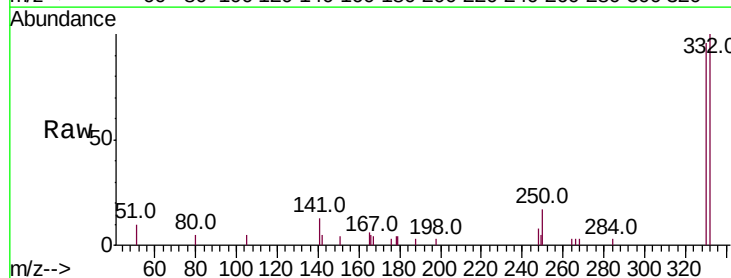
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

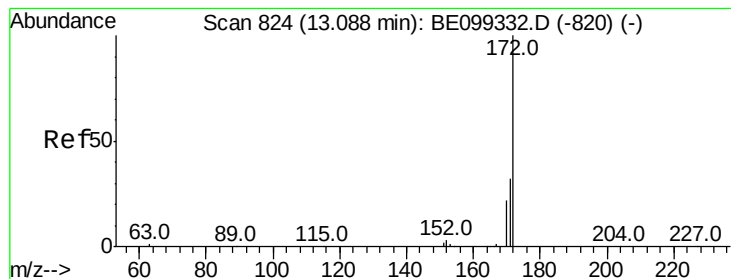
Tot Ion:164 Resp: 10202
Ion Ratio Lower Upper
164 100
162 99.4 77.8 116.6
160 46.6 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.630 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099333.D
Acq: 18 Apr 2019 11:05

Tgt Ion:330 Resp: 2963
Ion Ratio Lower Upper
330 100
332 98.8 82.5 123.7
141 31.7 24.9 37.3

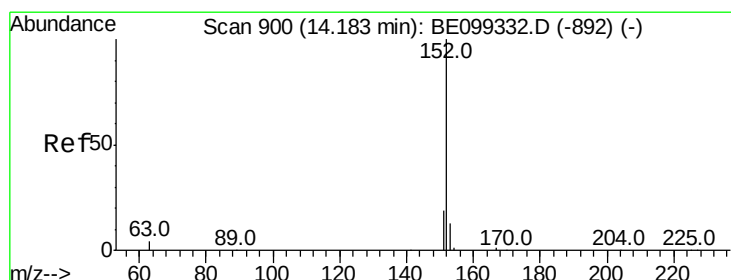
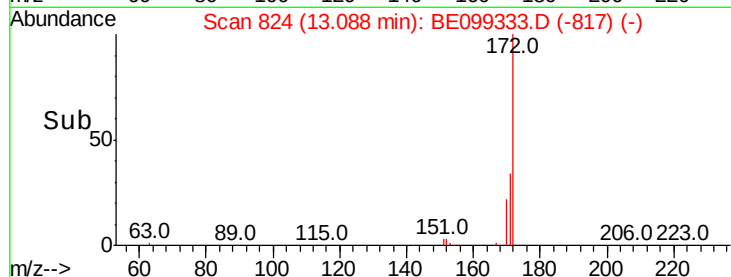
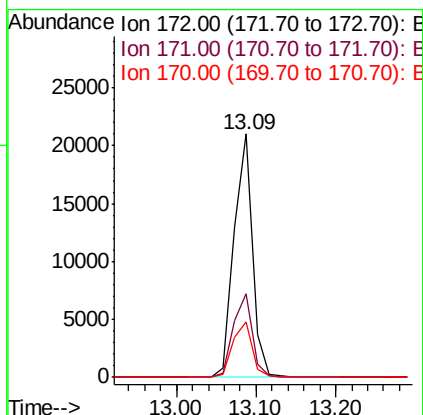
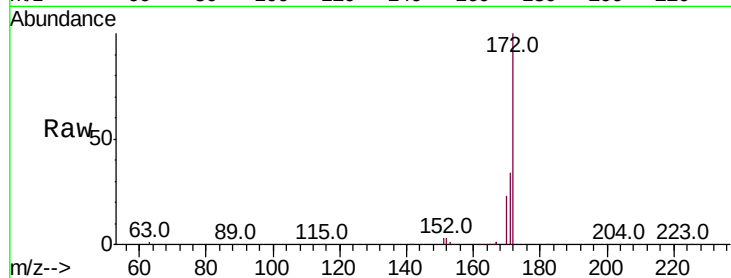




#15
2-Fluorobiphenyl
Concen: 0.833 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099333.D
Acq: 18 Apr 2019 11:05

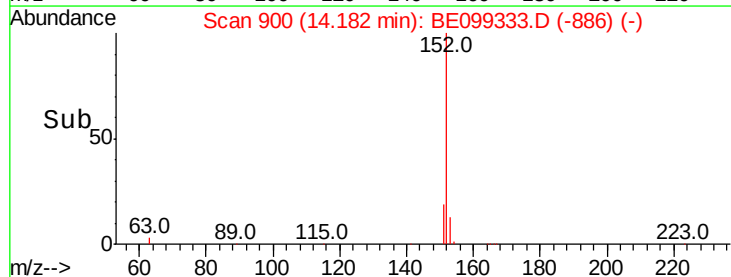
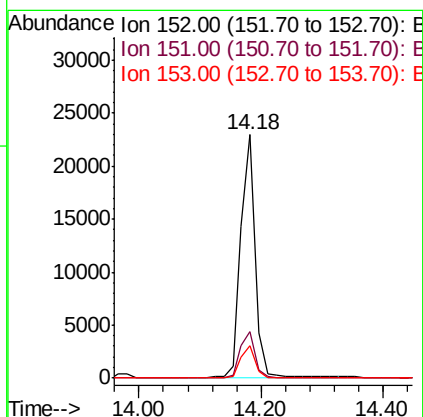
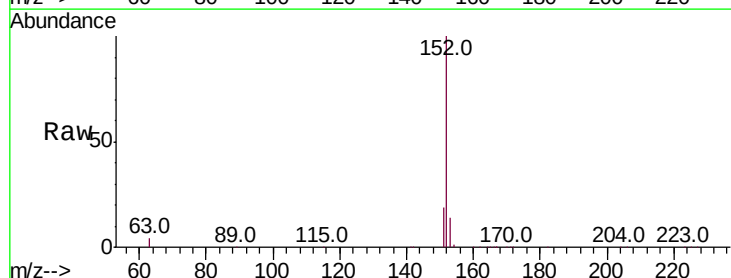
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

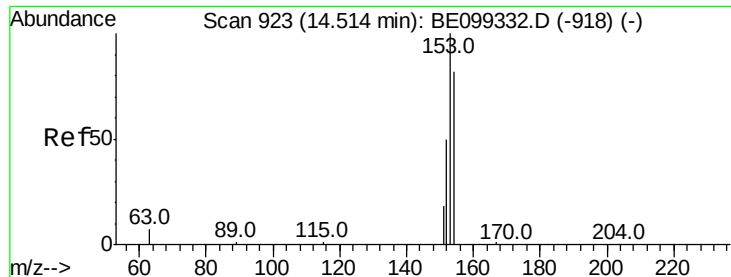
Tot Ion:172 Resp: 33409
Ion Ratio Lower Upper
172 100
171 34.1 26.2 39.2
170 22.6 18.1 27.1



#16
Acenaphthylene
Concen: 0.787 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099333.D
Acq: 18 Apr 2019 11:05

Tgt Ion:152 Resp: 38025
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 13.1 10.2 15.4





#17

Acenaphthene

Concen: 0.839 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

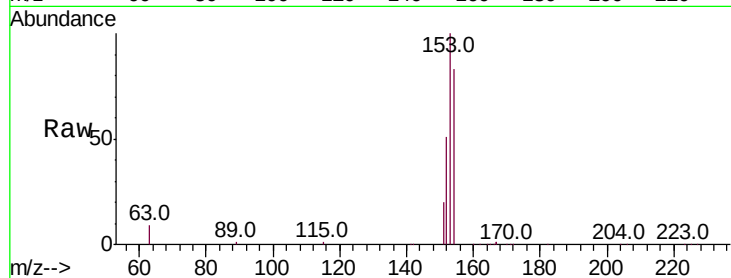
Tot Ion:154 Resp: 23922

Ion Ratio Lower Upper

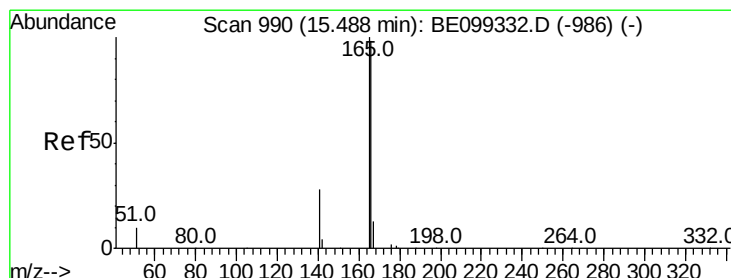
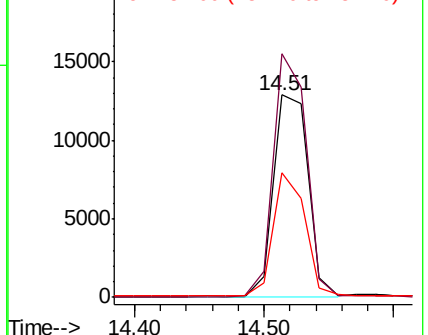
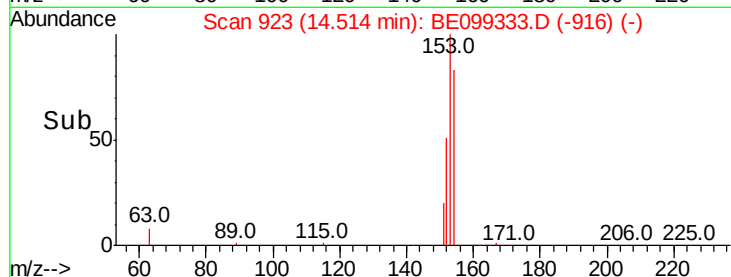
154 100

153 114.5 94.7 142.1

152 56.2 46.4 69.6



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: 0.829 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

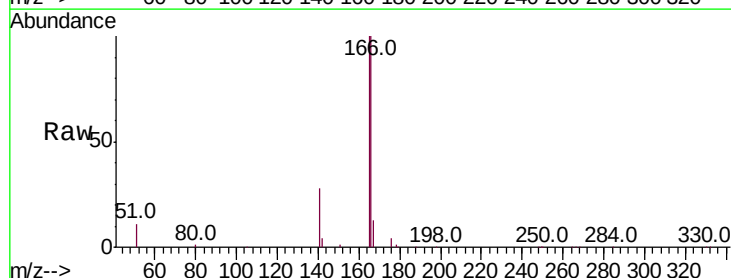
Tgt Ion:166 Resp: 34167

Ion Ratio Lower Upper

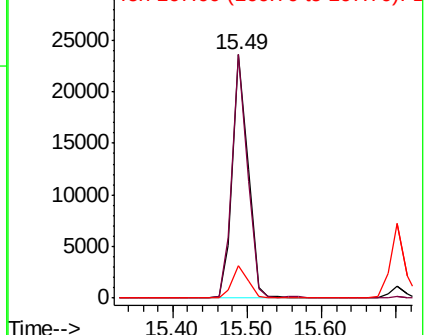
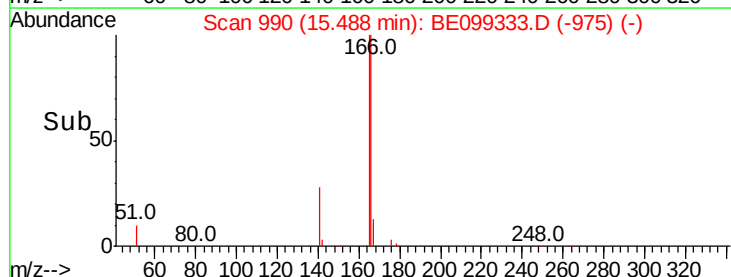
166 100

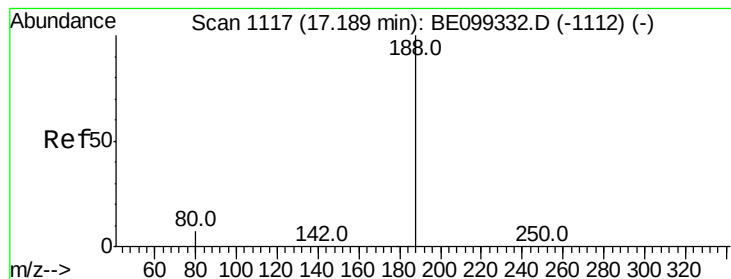
165 98.8 79.7 119.5

167 13.2 11.0 16.4



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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

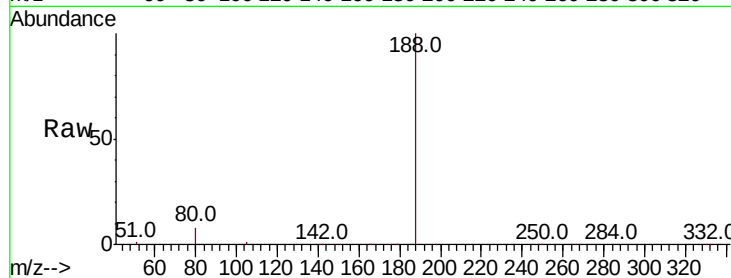
Tot Ion:188 Resp: 29033

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

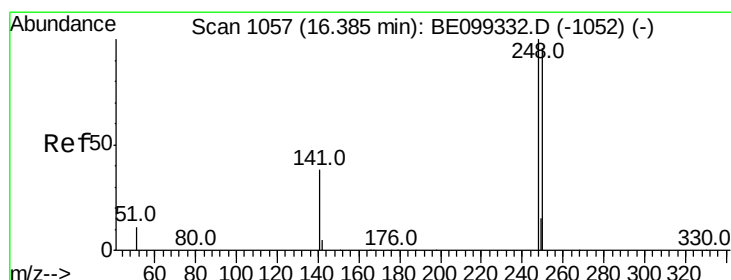
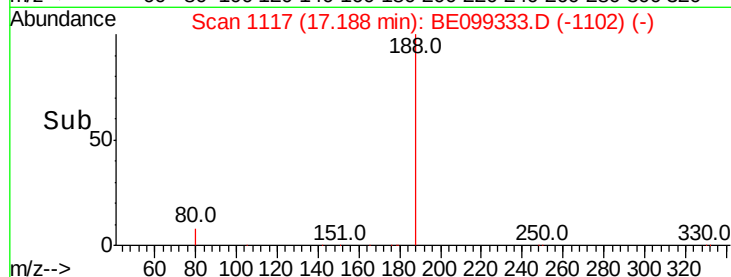
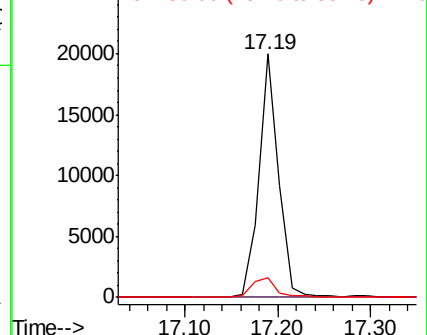
80 7.9 6.2 9.4



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: 0.811 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

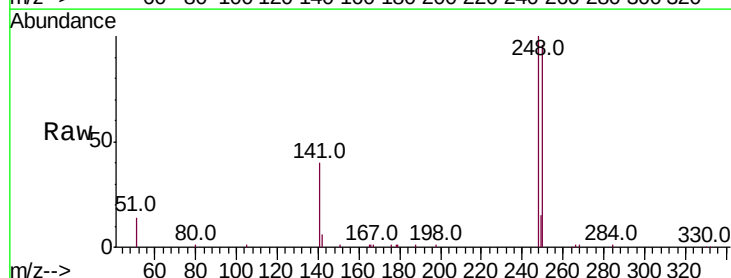
Tgt Ion:248 Resp: 13359

Ion Ratio Lower Upper

248 100

250 96.2 77.0 115.6

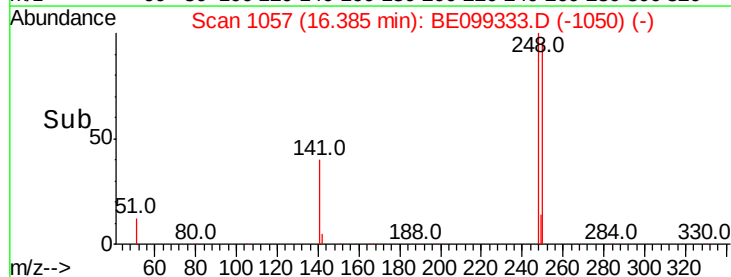
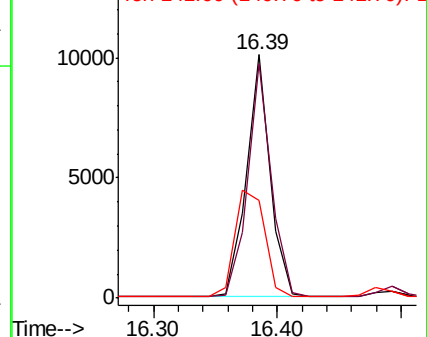
141 40.0 31.1 46.7

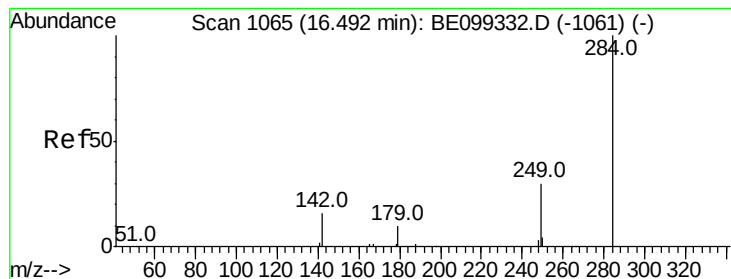


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.830 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

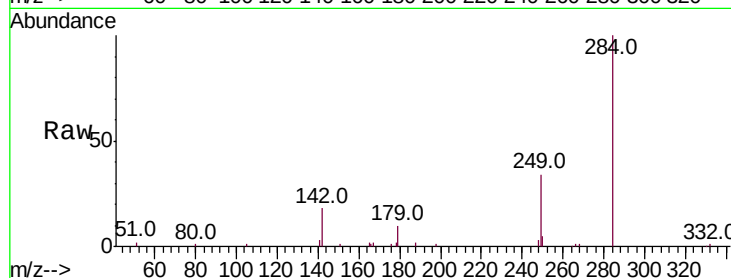
Tot Ion:284 Resp: 13022

Ion Ratio Lower Upper

284 100

142 27.8 21.8 32.6

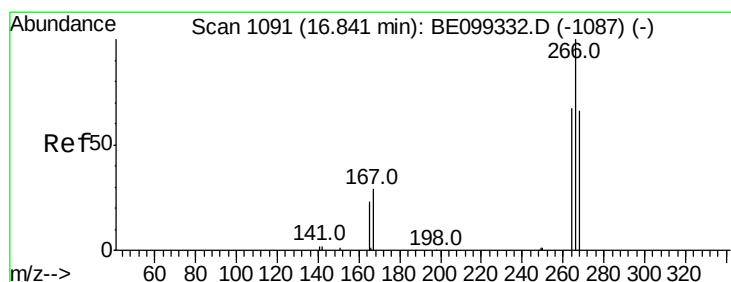
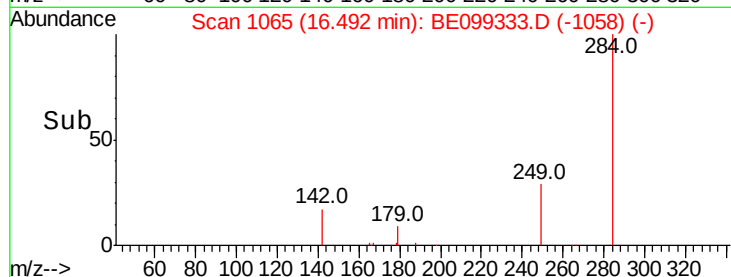
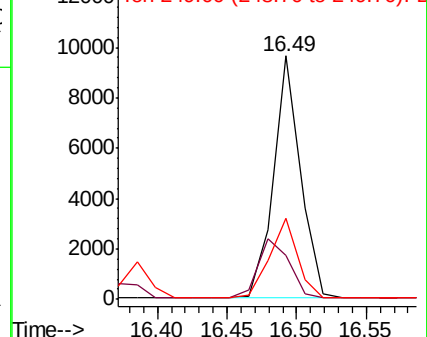
249 33.5 26.2 39.4



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: 0.489 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

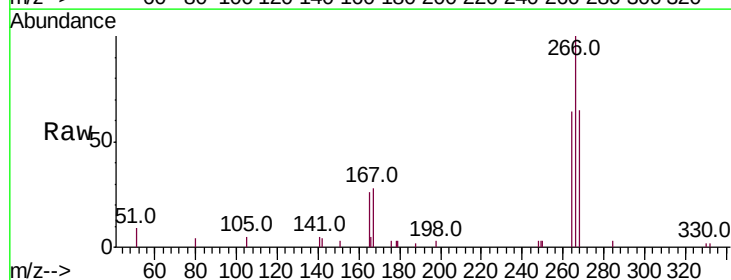
Tgt Ion:266 Resp: 3189

Ion Ratio Lower Upper

266 100

264 63.7 54.5 81.7

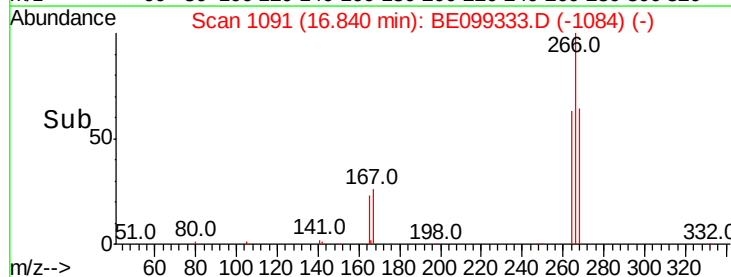
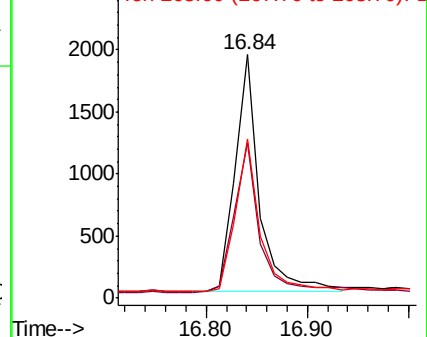
268 65.2 54.3 81.5

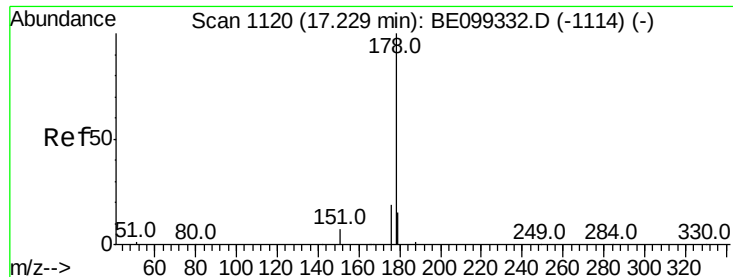


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.850 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

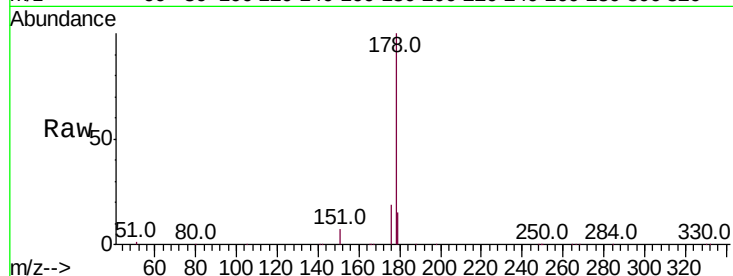
Tot Ion:178 Resp: 63891

Ion Ratio Lower Upper

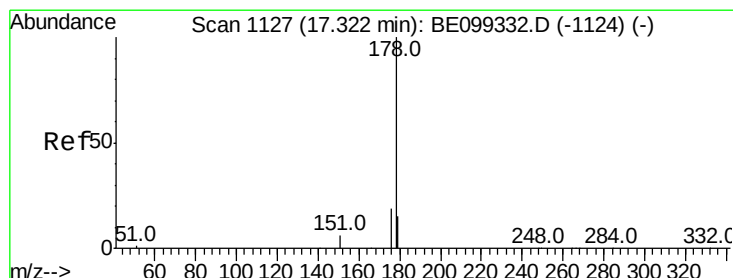
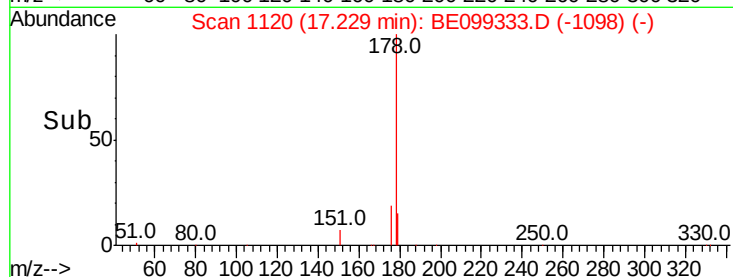
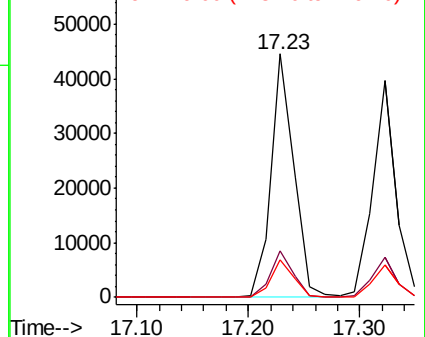
178 100

176 18.9 15.3 22.9

179 15.3 12.4 18.6



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: 0.804 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

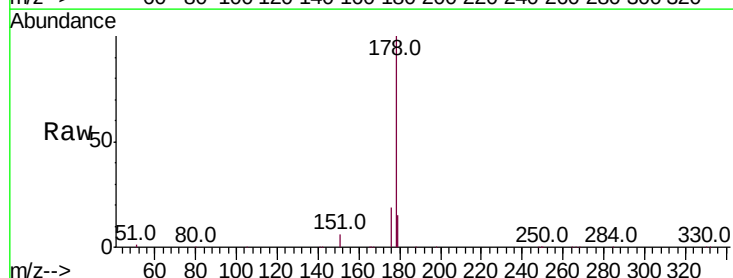
Tgt Ion:178 Resp: 56997

Ion Ratio Lower Upper

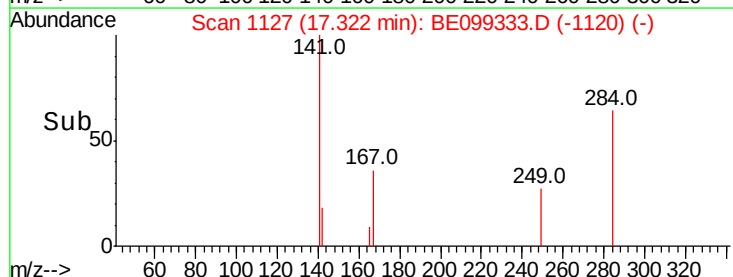
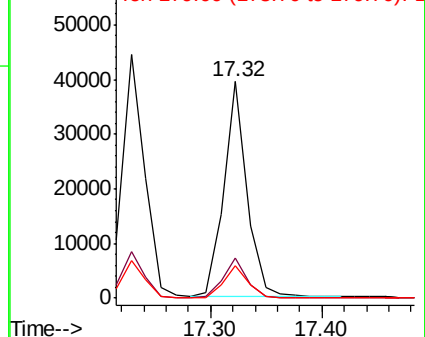
178 100

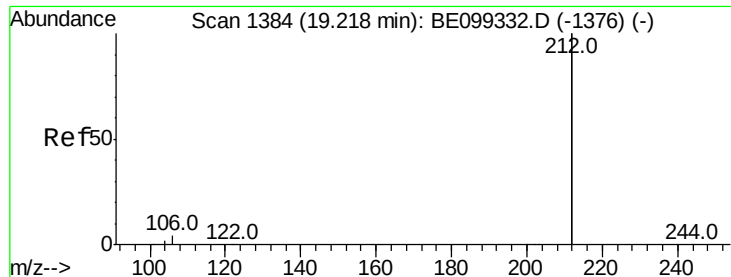
176 18.6 15.1 22.7

179 15.3 11.9 17.9



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: 0.750 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampled :

SSTDIC0.8

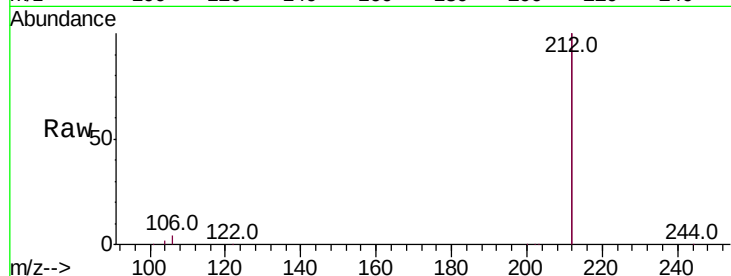
Tot Ion:212 Resp: 287318

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.6

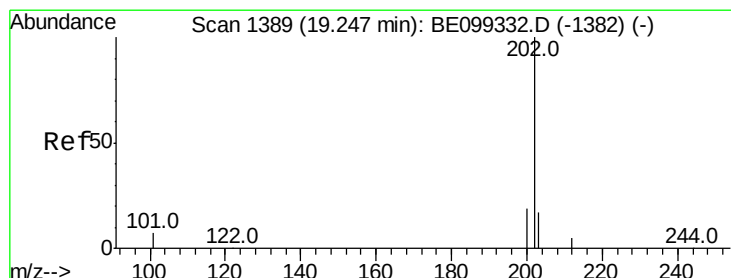
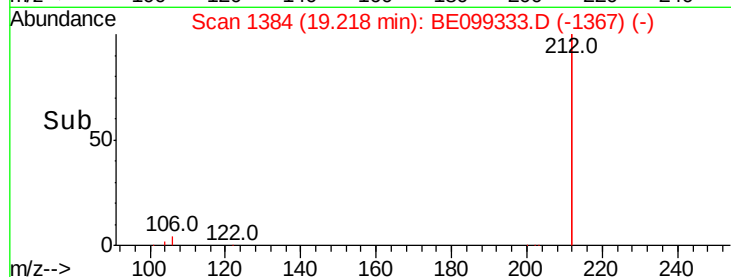
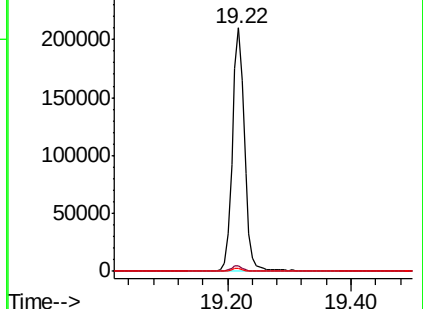
104 1.2 1.0 1.4



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: 0.775 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

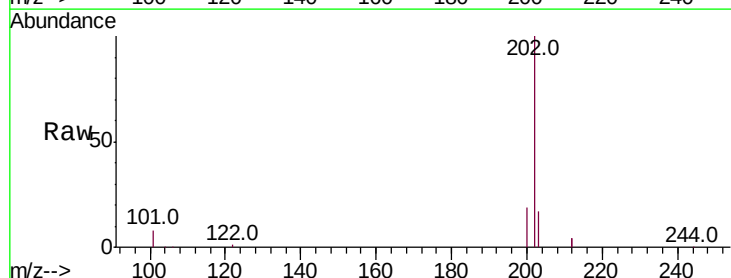
Tgt Ion:202 Resp: 85965

Ion Ratio Lower Upper

202 100

101 7.8 6.4 9.6

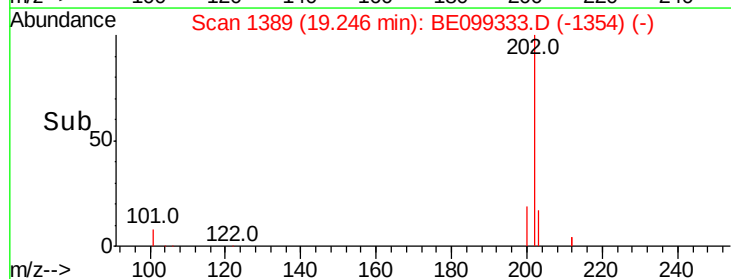
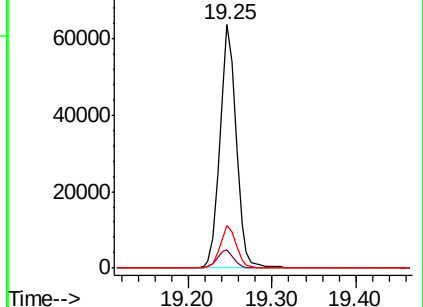
203 17.2 13.5 20.3

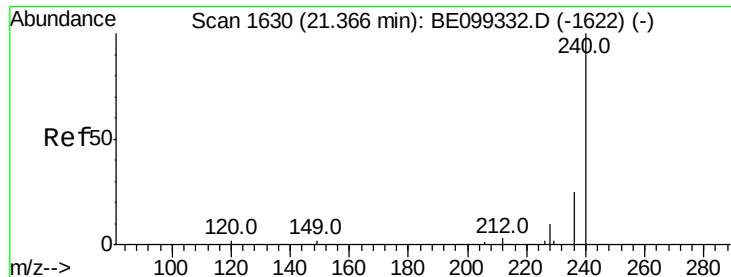


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

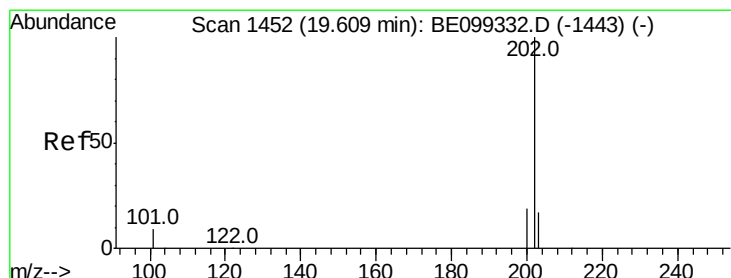
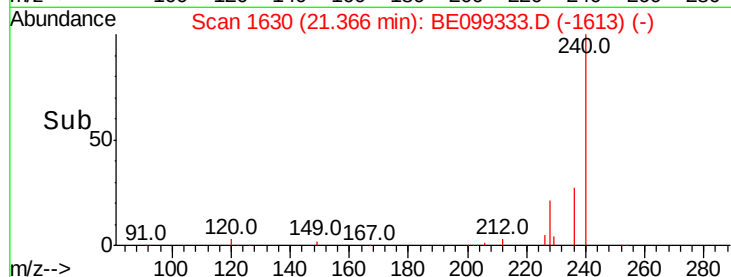
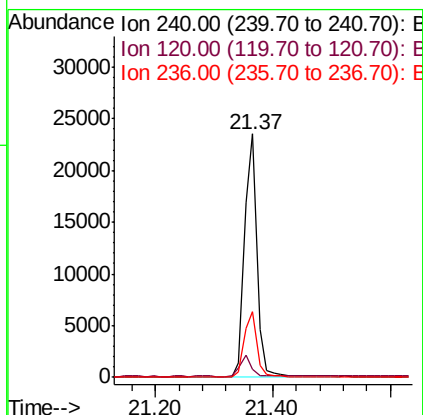
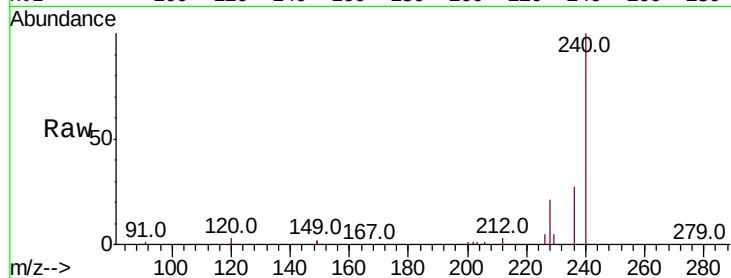




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099333.D
Acq: 18 Apr 2019 11:05

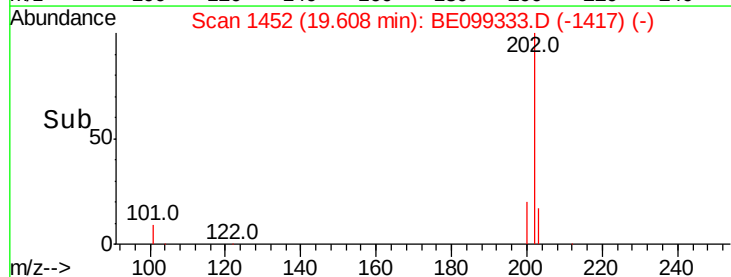
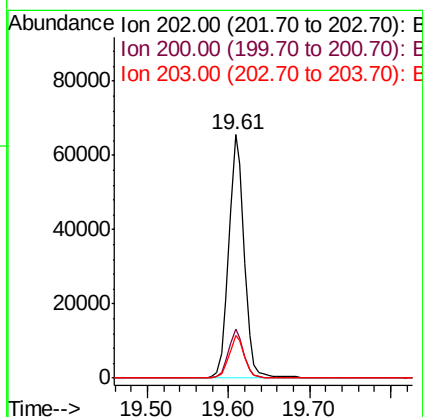
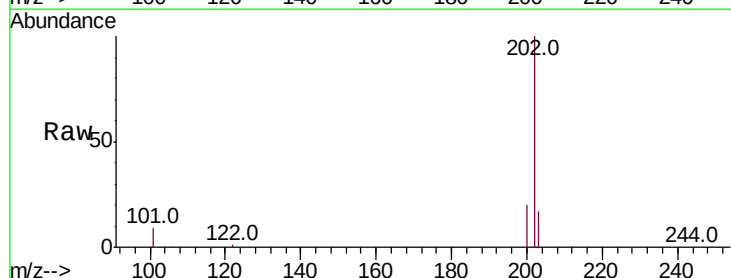
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

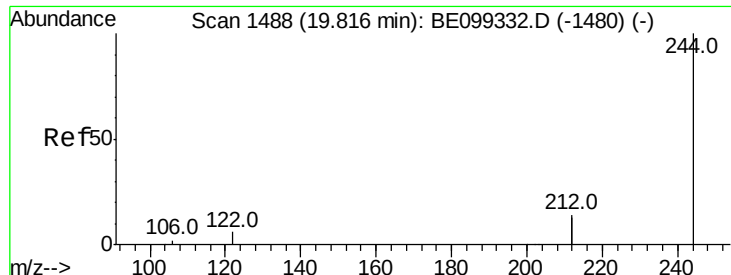
Tot Ion:240 Resp: 34992
Ion Ratio Lower Upper
240 100
120 3.2 2.2 3.2
236 26.8 20.2 30.4



#28
Pyrene
Concen: 0.931 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE099333.D
Acq: 18 Apr 2019 11:05

Tgt Ion:202 Resp: 86052
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.4 13.7 20.5





#29

Terphenyl-d14

Concen: 0.902 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

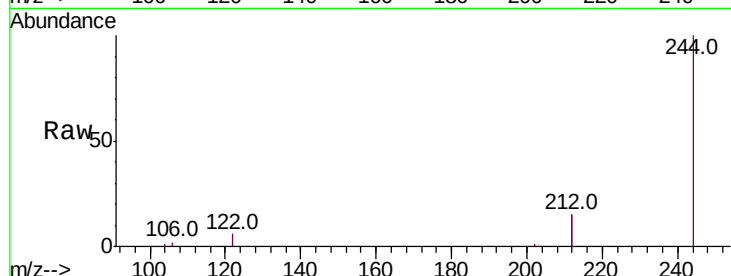
Tot Ion:244 Resp: 57572

Ion Ratio Lower Upper

244 100

212 29.8 22.6 33.8

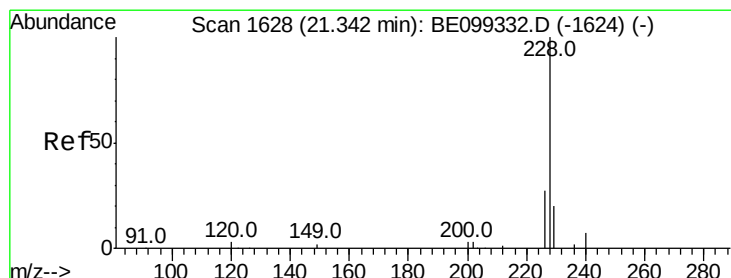
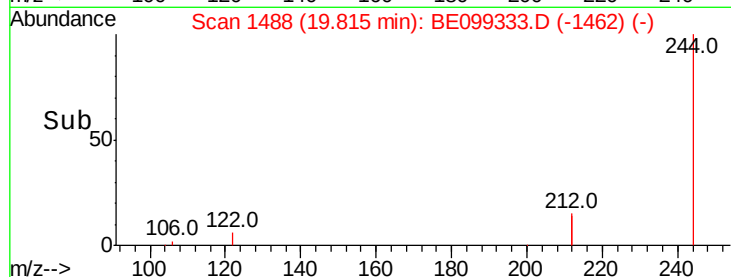
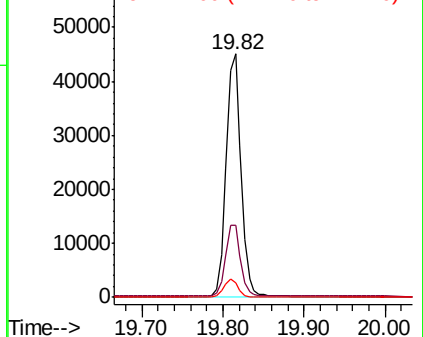
122 6.0 4.6 7.0



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: 0.789 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

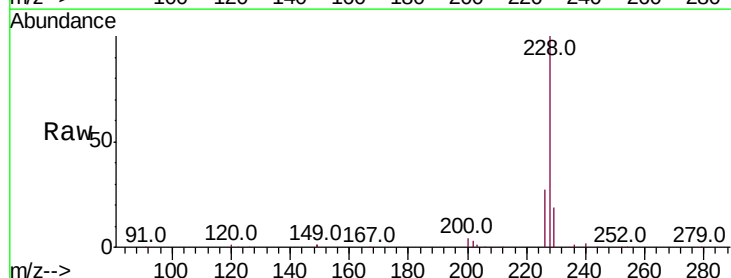
Tgt Ion:228 Resp: 86951

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

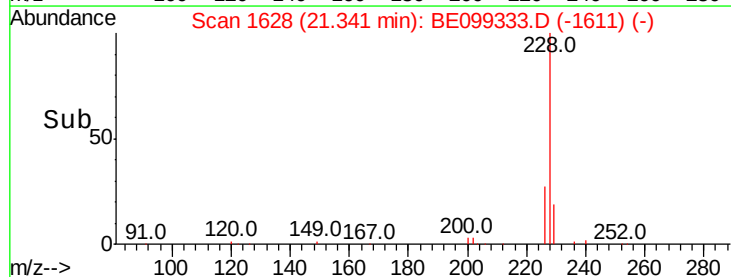
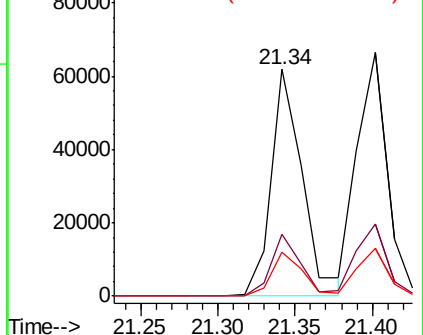
229 19.4 15.8 23.8

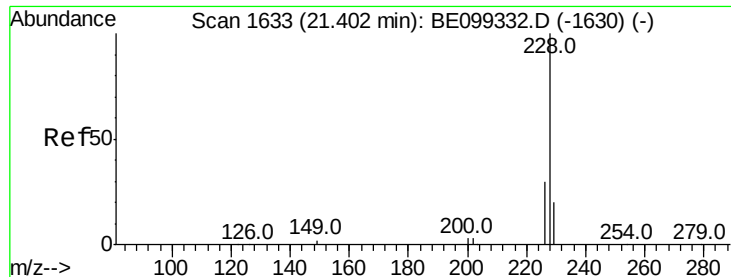


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.828 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

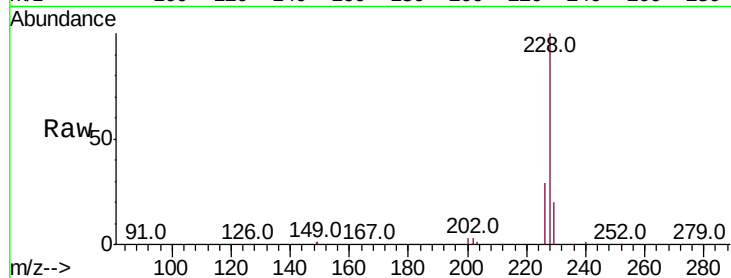
BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:228 Resp: 89453

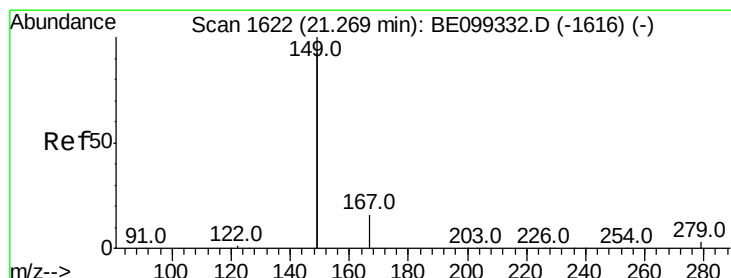
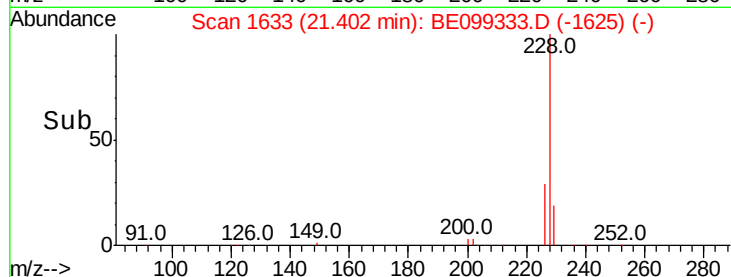
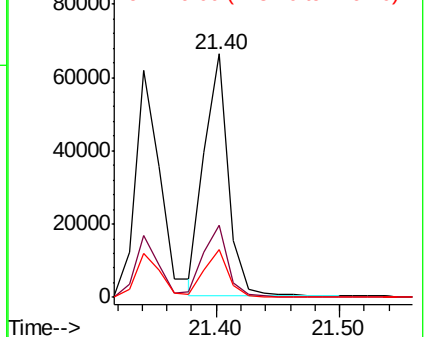
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	19.5	16.2	24.2



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: 0.480 ng

RT: 21.27 min Scan# 1622

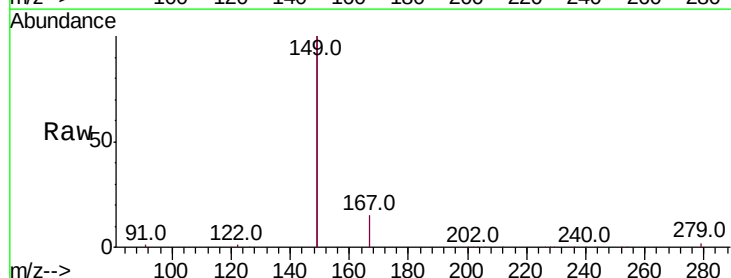
Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Tgt Ion:149 Resp: 67444

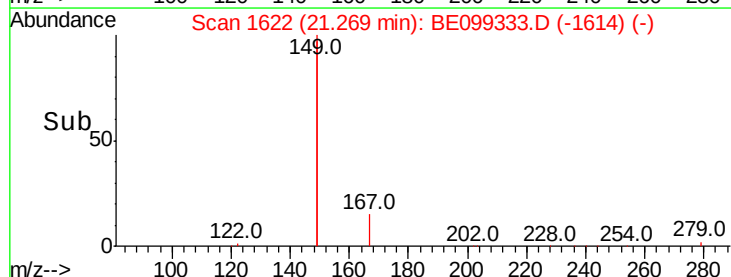
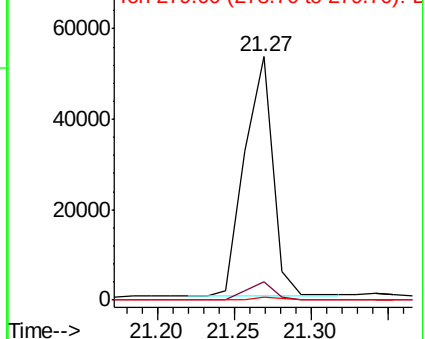
Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.2	1.1	1.7

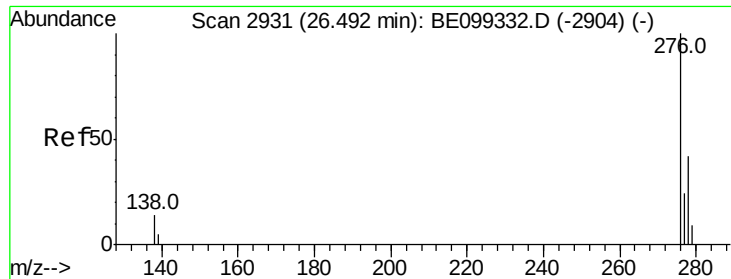


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.714 ng

RT: 26.49 min Scan# 2930

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

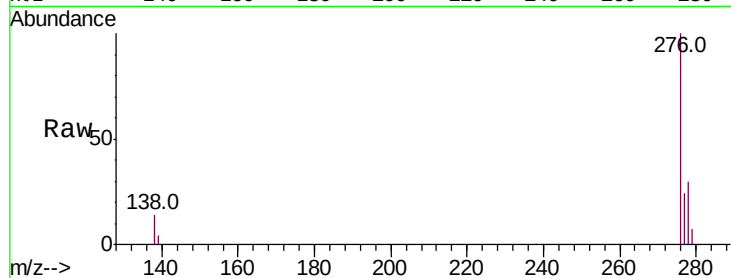
Tot Ion:276 Resp: 88161

Ion Ratio Lower Upper

276 100

138 16.0 12.7 19.1

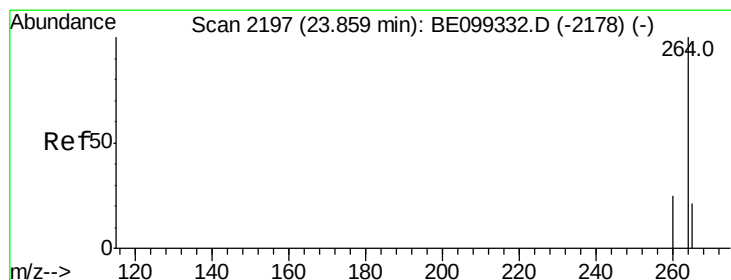
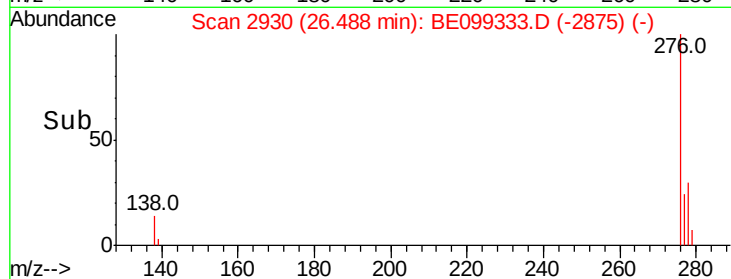
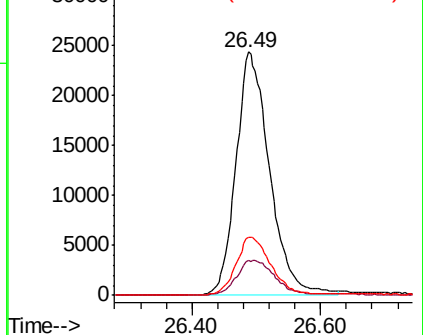
277 24.4 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

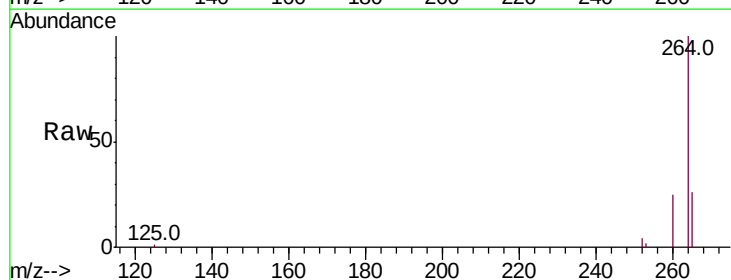
Tgt Ion:264 Resp: 31738

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

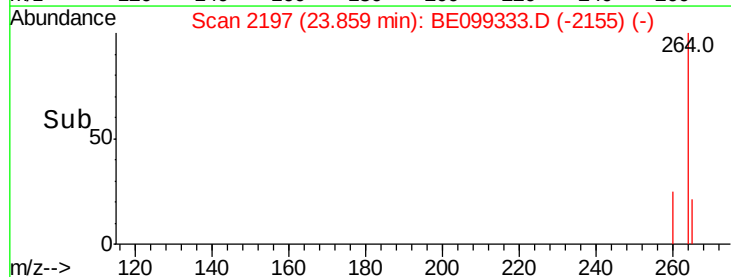
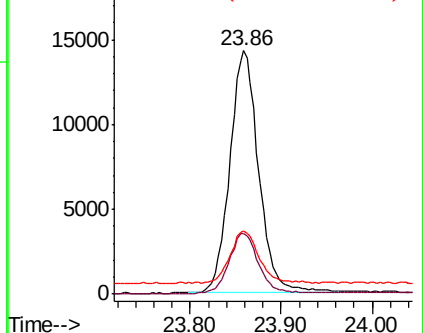
265 25.8 19.9 29.9

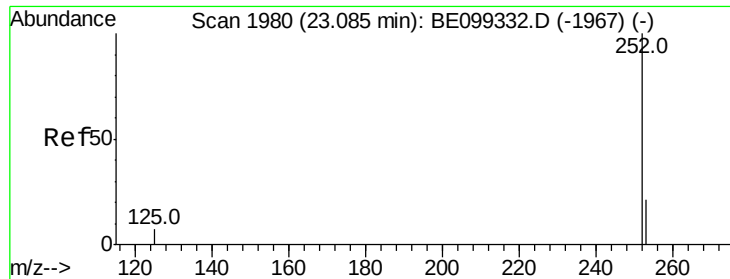


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

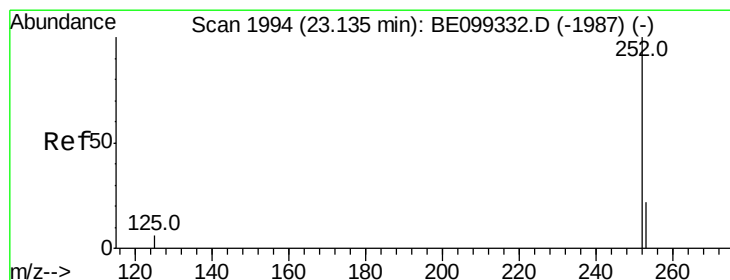
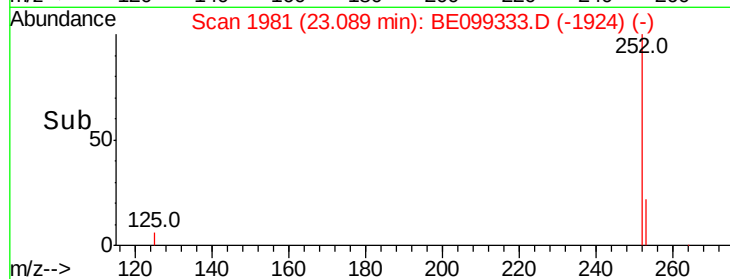
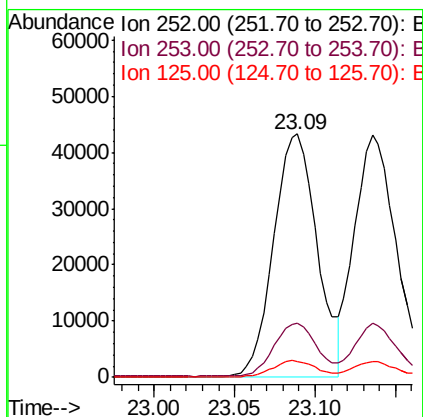
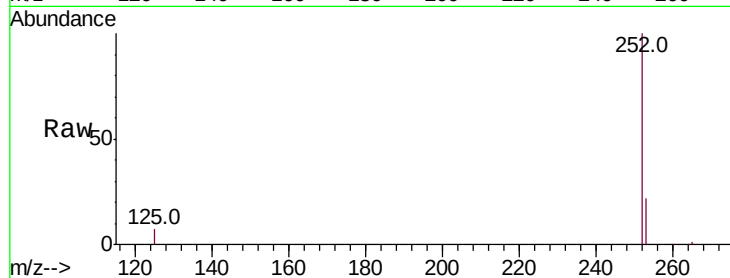




#35
Benzo(b)fluoranthene
Concen: 0.858 ng
RT: 23.09 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BE099333.D
Acq: 18 Apr 2019 11:05

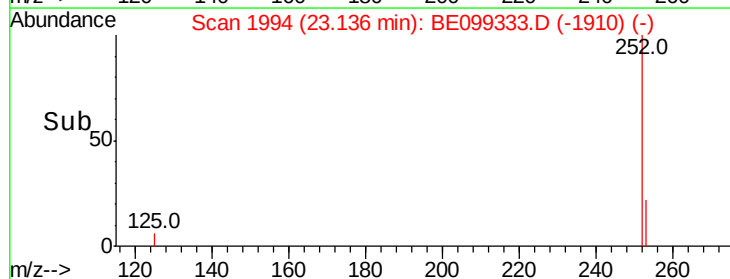
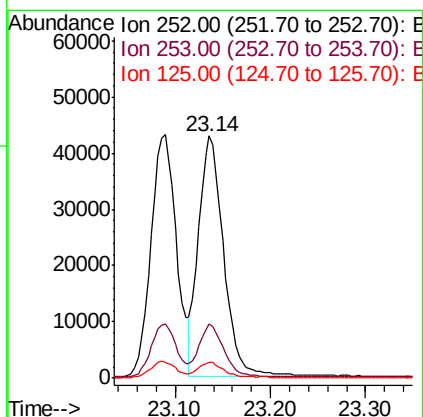
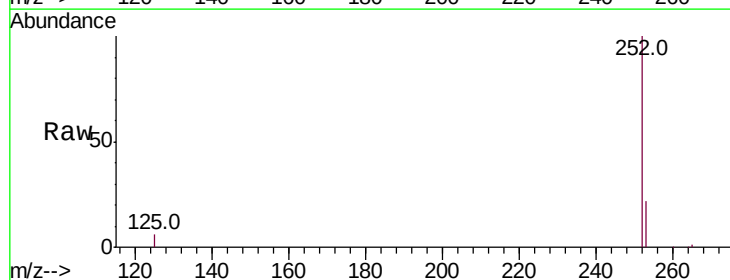
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

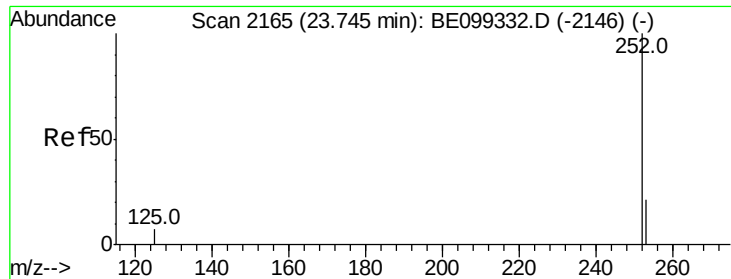
Tot Ion:252 Resp: 81262
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 6.7 5.8 8.6



#36
Benzo(k)fluoranthene
Concen: 0.861 ng
RT: 23.14 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE099333.D
Acq: 18 Apr 2019 11:05

Tgt Ion:252 Resp: 79310
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 6.3 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.808 ng

RT: 23.74 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

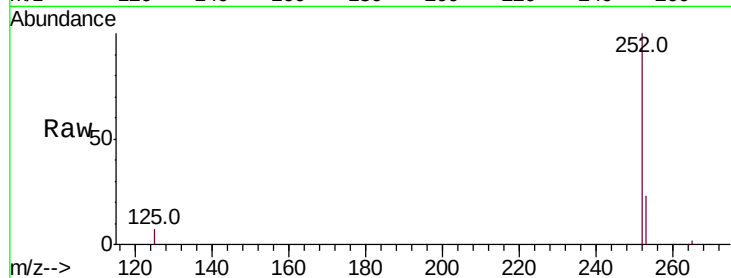
Tot Ion:252 Resp: 71916

Ion Ratio Lower Upper

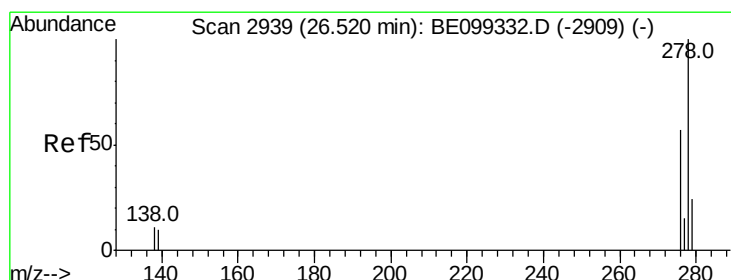
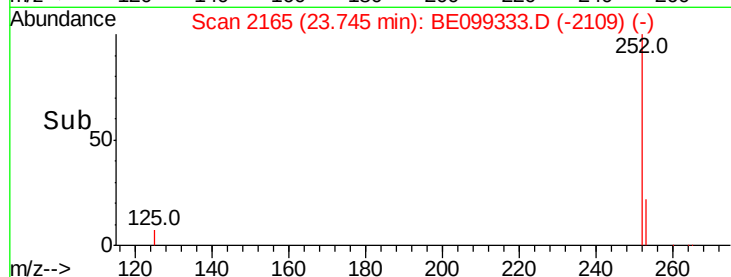
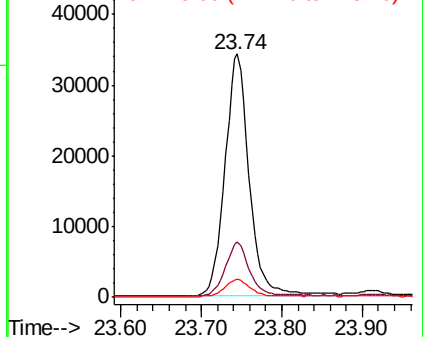
252 100

253 22.8 17.6 26.4

125 7.3 6.5 9.7



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



#38

Dibenzo(a,h)anthracene

Concen: 0.830 ng

RT: 26.52 min Scan# 2938

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

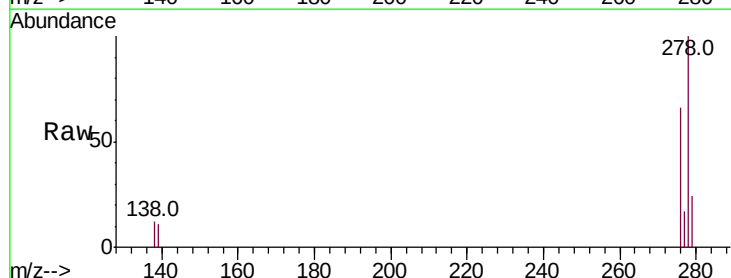
Tgt Ion:278 Resp: 73438

Ion Ratio Lower Upper

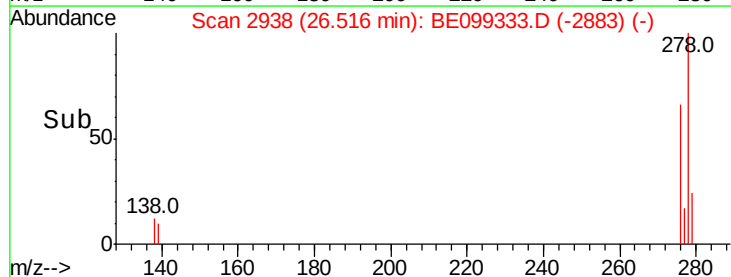
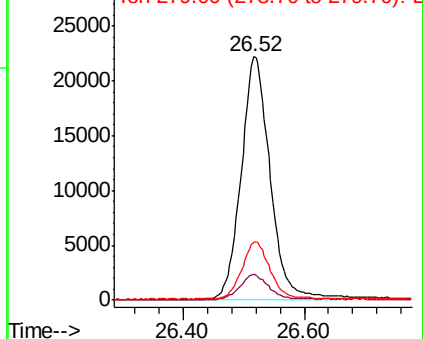
278 100

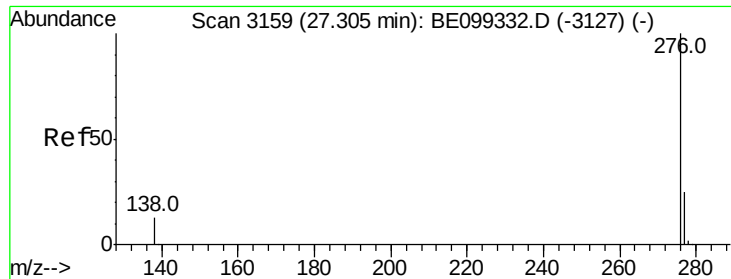
139 10.7 8.5 12.7

279 24.0 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.842 ng

RT: 27.30 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BE099333.D

Acq: 18 Apr 2019 11:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

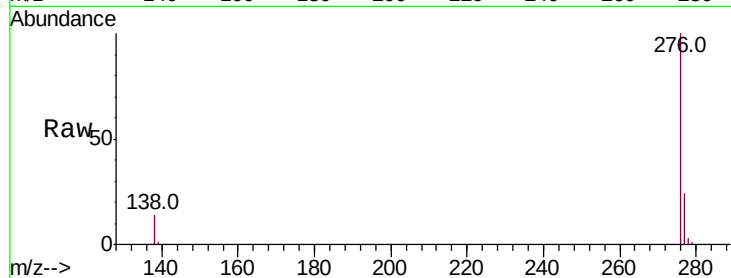
Tot Ion:276 Resp: 74307

Ion Ratio Lower Upper

276 100

277 23.8 20.0 30.0

138 13.9 11.1 16.7



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

