

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041919\
 Data File : BE099346.D
 Acq On : 19 Apr 2019 13:15
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 19 22:56:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4043	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	15202	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10556	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	30857	0.40	ng	0.00
27) Chrysene-d12	21.37	240	36908	0.40	ng	0.00
34) Perylene-d12	23.86	264	34990	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	4216	0.43	ng	0.00
5) Phenol-d6	6.97	99	5846	0.41	ng	0.00
8) Nitrobenzene-d5	8.96	82	4816	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10923	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1577	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16976	0.41	ng	0.00
25) Fluoranthene-d10	19.22	212	147312	0.40	ng	0.00
29) Terphenyl-d14	19.81	244	29358	0.40	ng	0.00

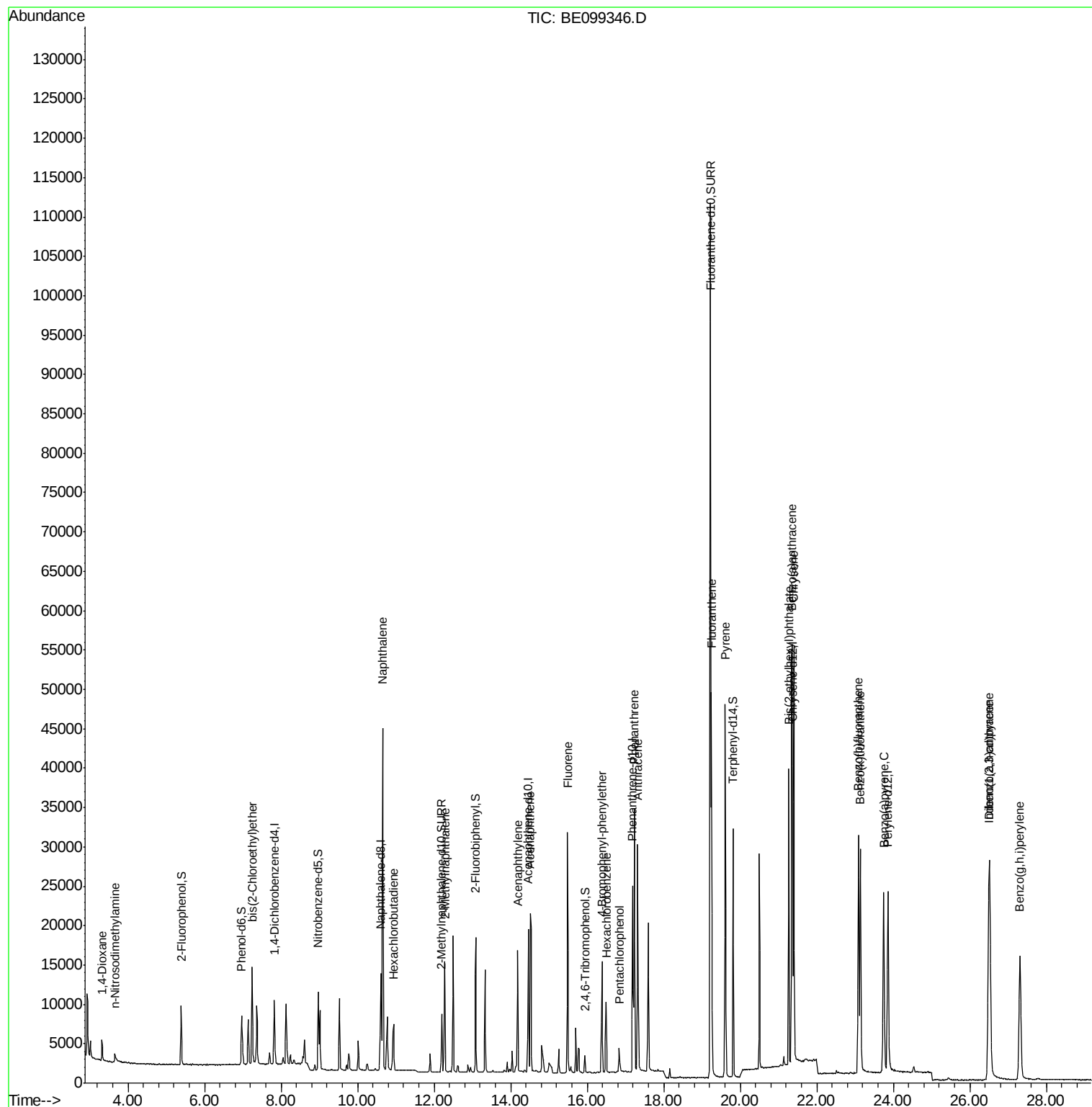
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	2372	0.419	ng	94
3) n-Nitrosodimethylamine	3.65	42	1126	0.370	ng	# 84
6) bis(2-Chloroethyl)ether	7.24	93	5255	0.400	ng	97
9) Naphthalene	10.65	128	68425	0.413	ng	100
10) Hexachlorobutadiene	10.94	225	4453	0.423	ng	100
12) 2-Methylnaphthalene	12.28	142	11790	0.418	ng	92
16) Acenaphthylene	14.18	152	18921	0.397	ng	100
17) Acenaphthene	14.51	154	12186	0.414	ng	97
18) Fluorene	15.49	166	17202	0.407	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	6812	0.398	ng	97
21) Hexachlorobenzene	16.49	284	6871	0.418	ng	99
22) Pentachlorophenol	16.84	266	1757	0.485	ng	94
23) Phenanthrene	17.23	178	33444	0.409	ng	100
24) Anthracene	17.32	178	29402	0.405	ng	99
26) Fluoranthene	19.25	202	43486	0.398	ng	100
28) Pyrene	19.61	202	43688	0.402	ng	100
30) Benzo(a)anthracene	21.34	228	45601	0.420	ng	99
31) Chrysene	21.40	228	46455	0.402	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	42080	0.426	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	47821	0.419	ng	100
35) Benzo(b)fluoranthene	23.09	252	43157	0.403	ng	97
36) Benzo(k)fluoranthene	23.14	252	42900	0.402	ng	98
37) Benzo(a)pyrene	23.75	252	39061	0.407	ng	# 97
38) Dibenzo(a,h)anthracene	26.52	278	39063	0.398	ng	98
39) Benzo(g,h,i)perylene	27.31	276	40046	0.403	ng	98

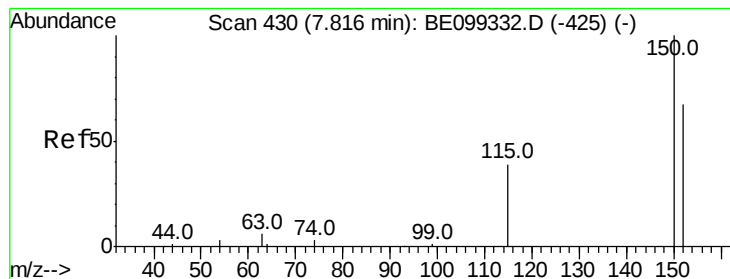
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 22:56:58 2019
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QLast Update : Fri Apr 19 06:51:38 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: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

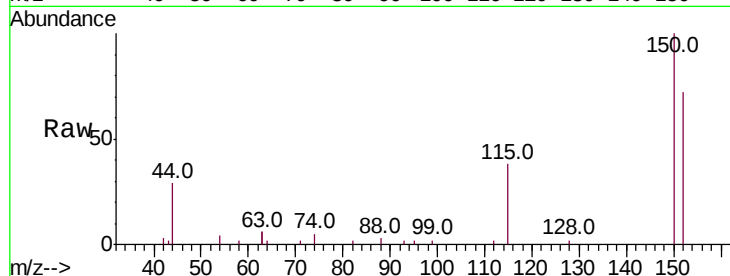
Tot Ion:152 Resp: 4043

Ion Ratio Lower Upper

152 100

150 139.4 119.5 179.3

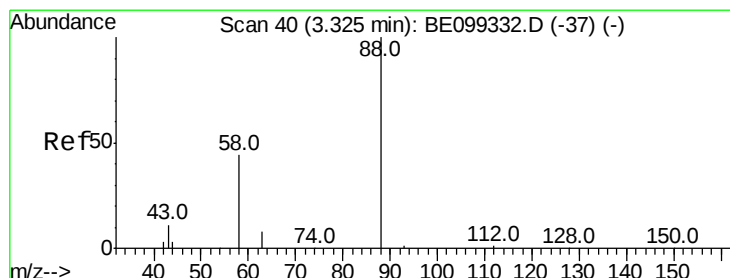
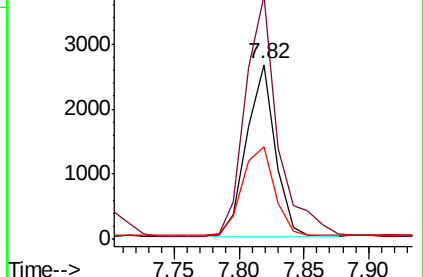
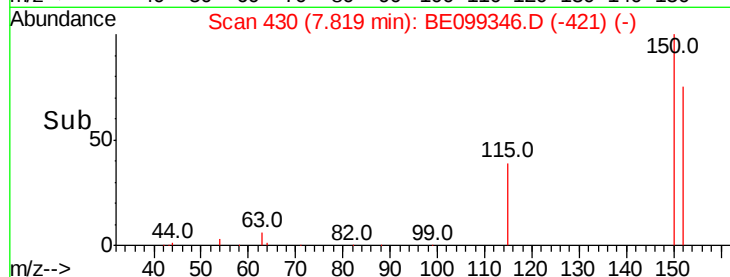
115 53.4 47.5 71.3



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: 0.419 ng

RT: 3.32 min Scan# 39

Delta R.T. -0.01 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

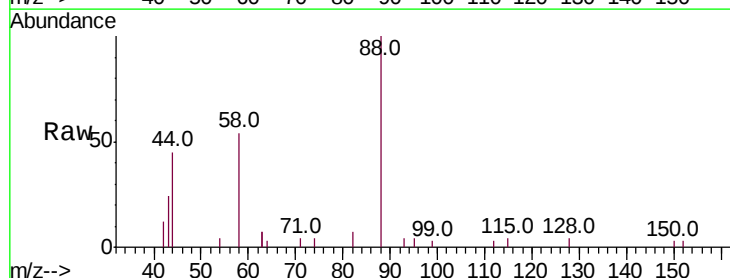
Tgt Ion: 88 Resp: 2372

Ion Ratio Lower Upper

88 100

58 56.1 49.1 73.7

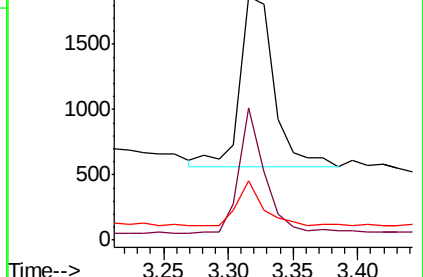
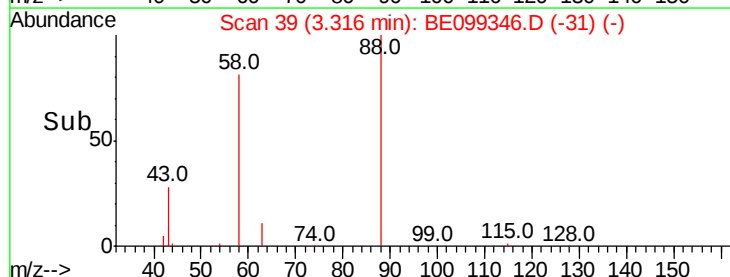
43 19.9 17.9 26.9

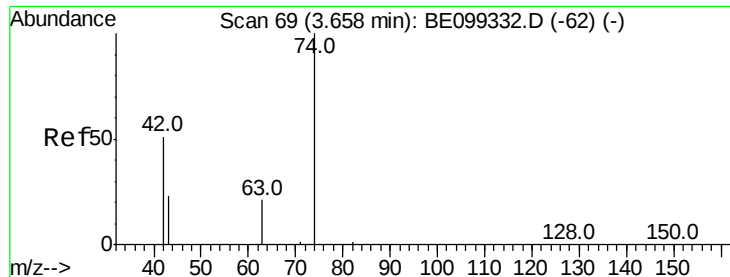


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.370 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

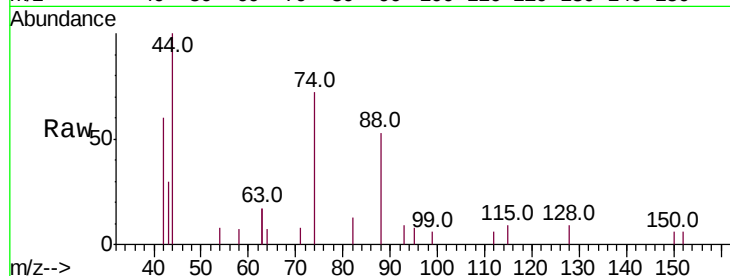
Tot Ion: 42 Resp: 1126

Ion Ratio Lower Upper

42 100

74 160.6 145.8 218.8

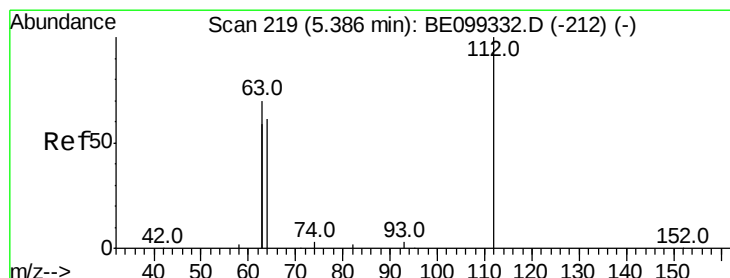
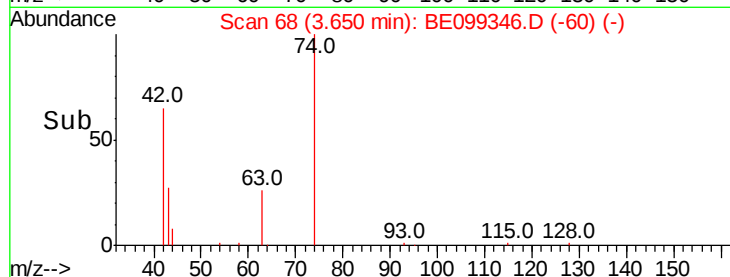
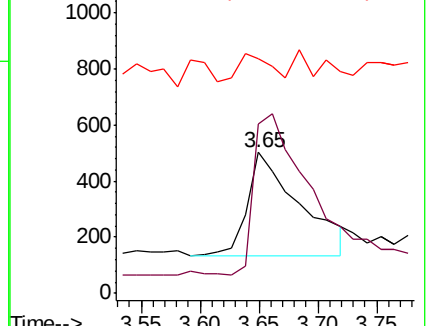
44 0.0 9.0 13.4#



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: 0.427 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

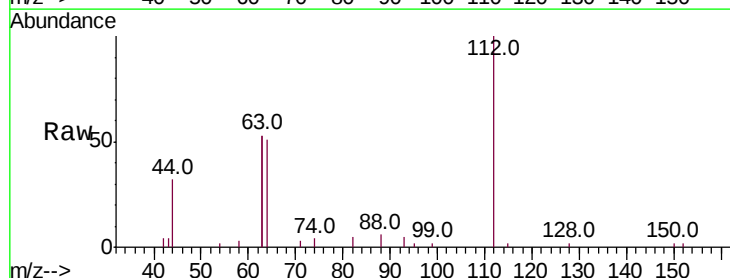
Tgt Ion: 112 Resp: 4216

Ion Ratio Lower Upper

112 100

64 56.3 44.9 67.3

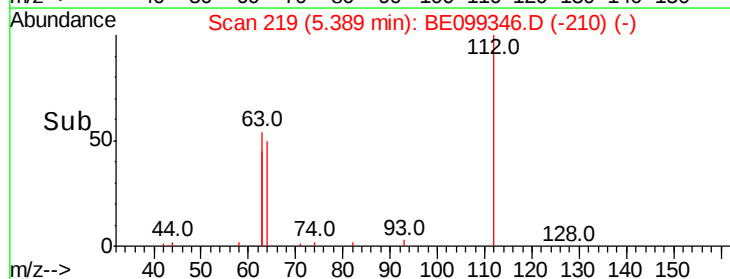
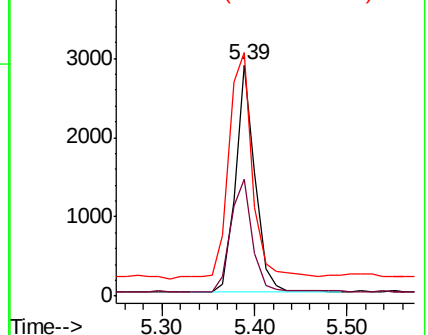
63 121.3 97.4 146.0

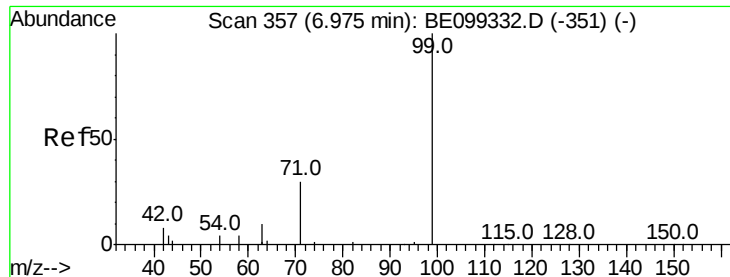


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.415 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

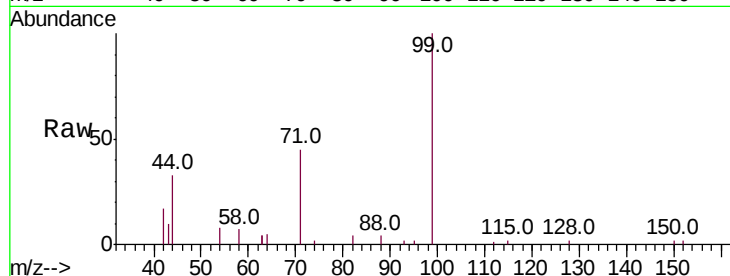
Tot Ion: 99 Resp: 5846

Ion Ratio Lower Upper

99 100

42 15.8 11.7 17.5

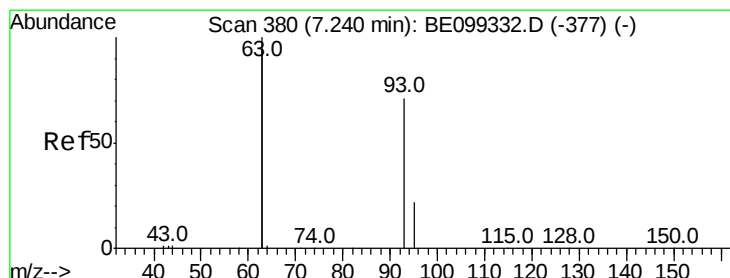
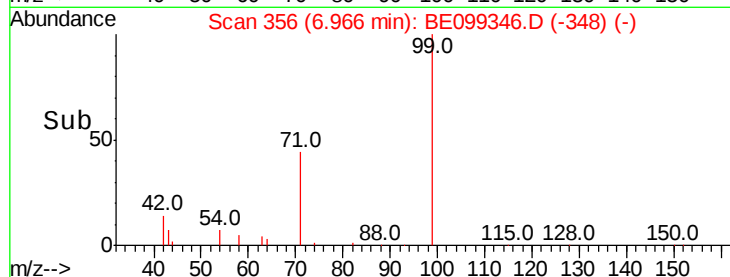
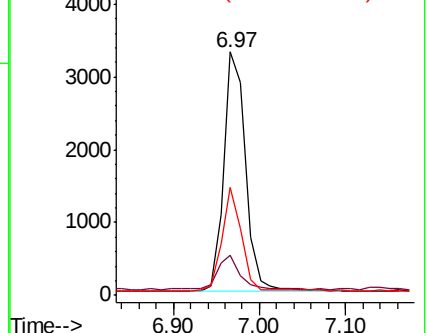
71 39.2 29.6 44.4



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: 0.400 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

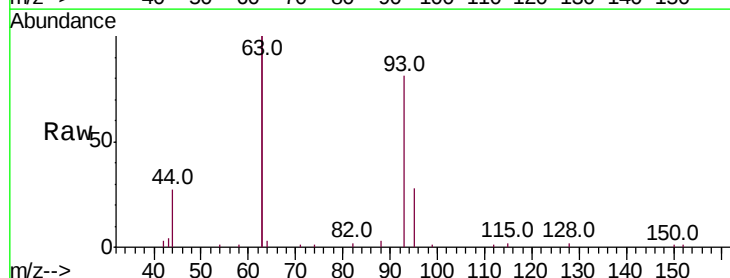
Tgt Ion: 93 Resp: 5255

Ion Ratio Lower Upper

93 100

63 276.1 216.6 324.8

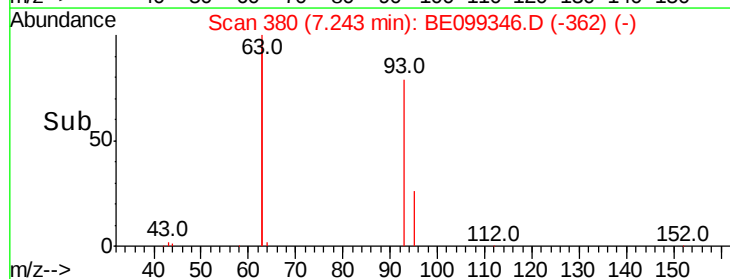
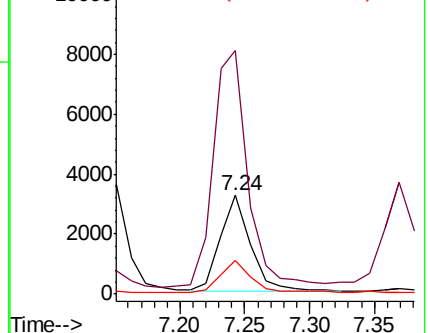
95 33.7 25.8 38.6

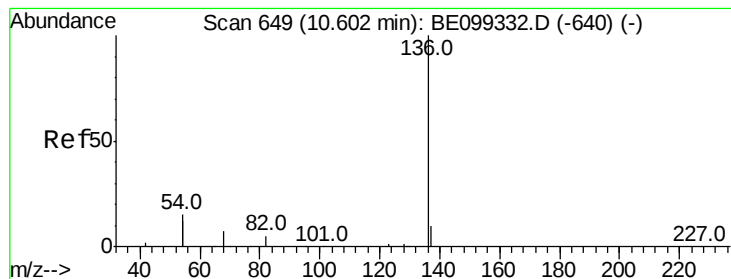


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 15202

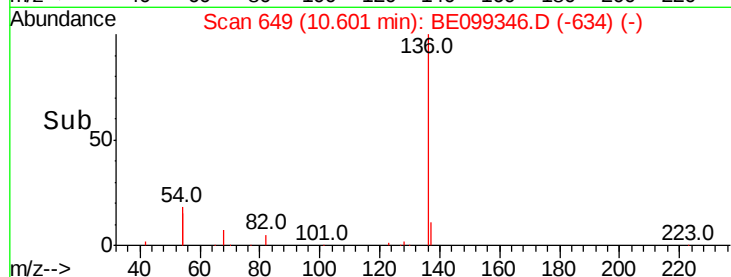
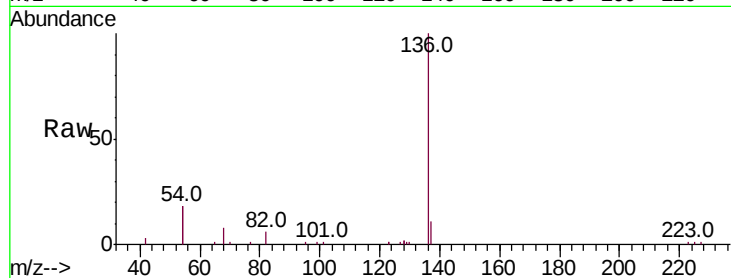
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 35.2 23.8 35.8

68 8.0 6.4 9.6

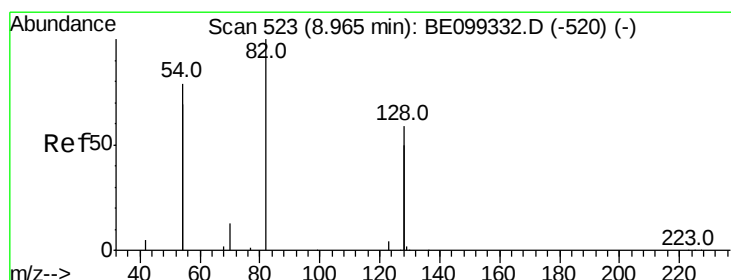
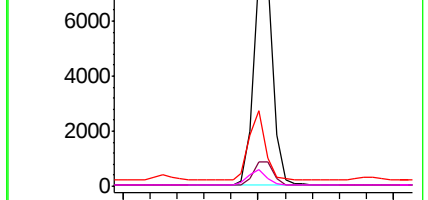


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.408 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

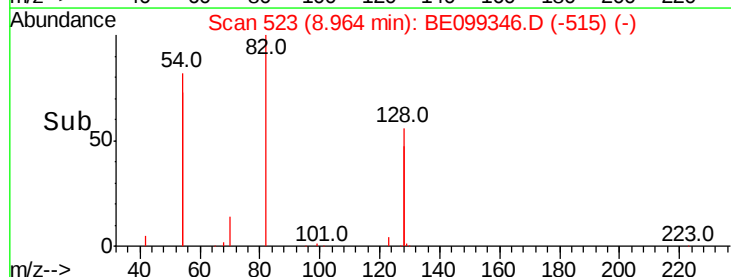
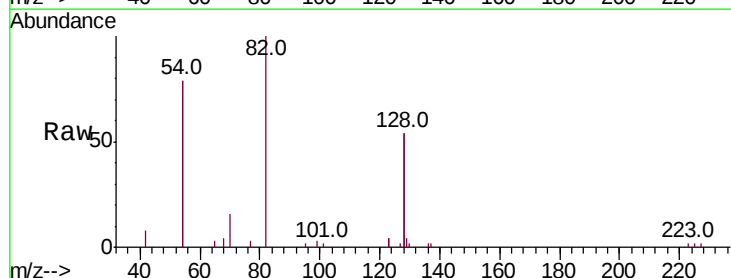
Tgt Ion: 82 Resp: 4816

Ion Ratio Lower Upper

82 100

128 107.5 91.7 137.5

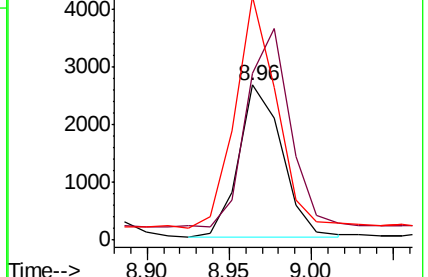
54 157.1 122.8 184.2

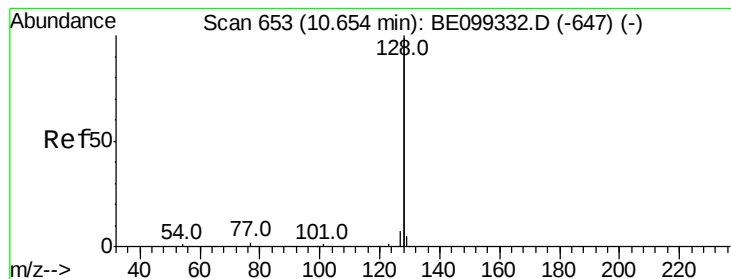


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

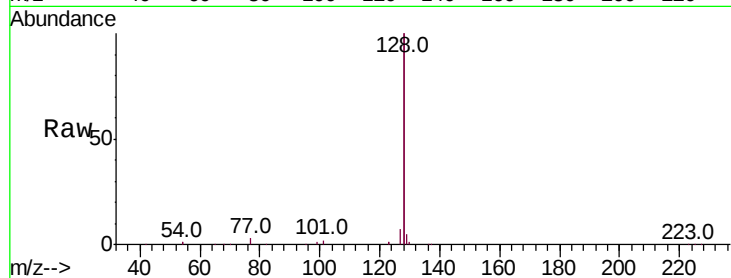
Tot Ion:128 Resp: 68425

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

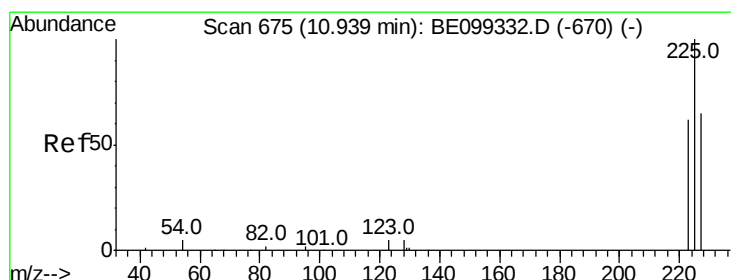
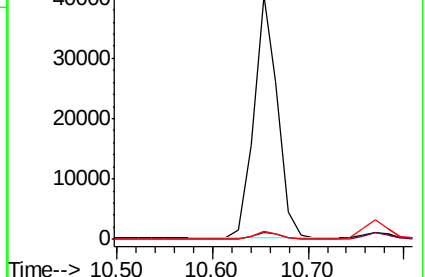
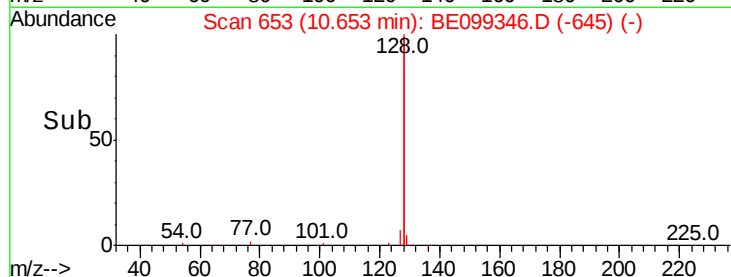
127 3.4 2.8 4.2



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: 0.423 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

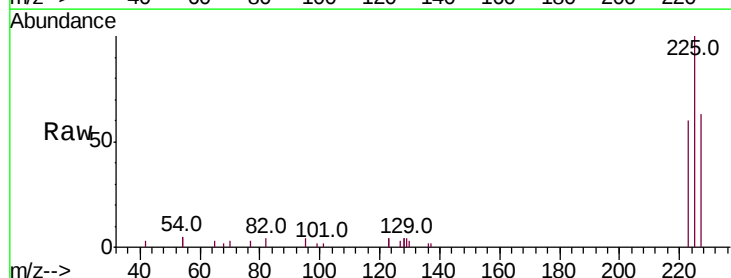
Tgt Ion:225 Resp: 4453

Ion Ratio Lower Upper

225 100

223 63.3 50.3 75.5

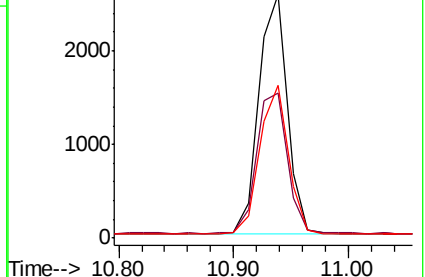
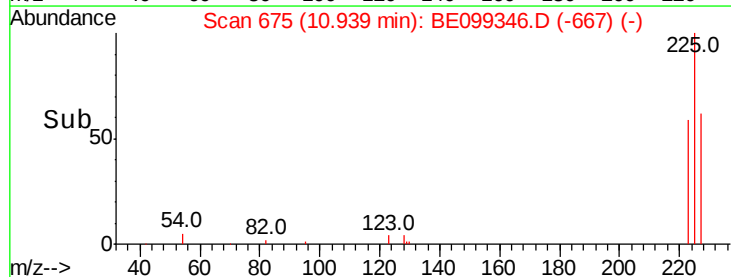
227 61.9 49.4 74.0

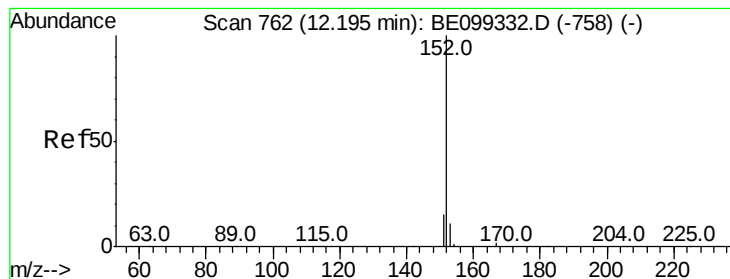


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

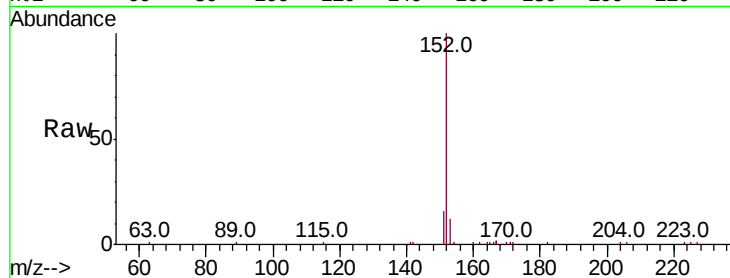
SSTDCCC0.4

Tot Ion:152 Resp: 10923

Ion Ratio Lower Upper

152 100

151 19.0 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

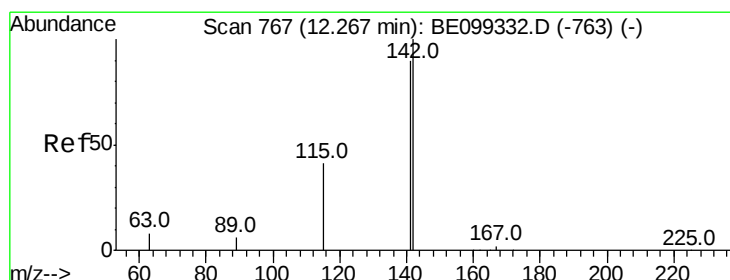
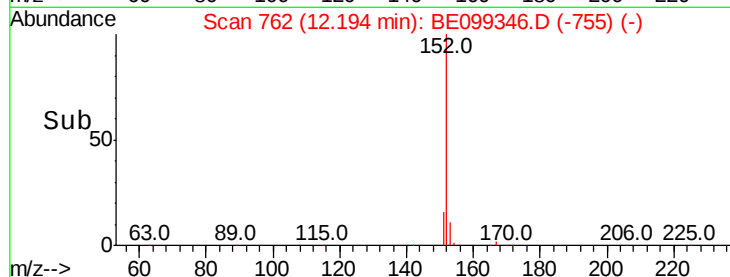
4000

2000

0

12.19

Time--> 12.00 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.418 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

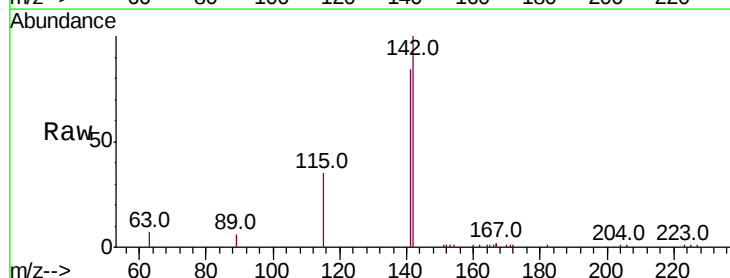
Tgt Ion:142 Resp: 11790

Ion Ratio Lower Upper

142 100

141 83.6 72.0 108.0

115 35.1 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

8000

6000

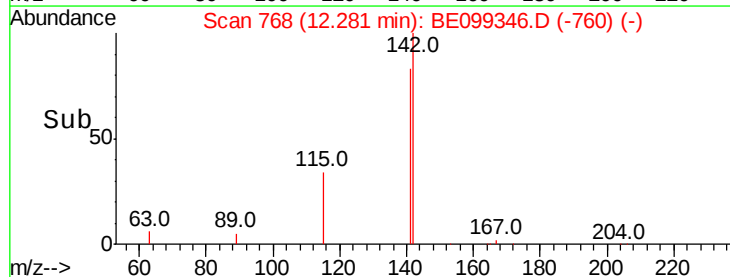
4000

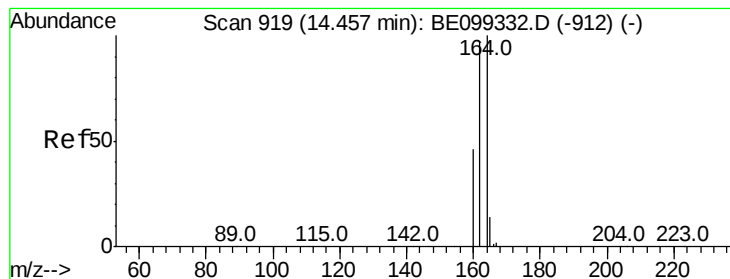
2000

0

12.28

Time--> 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

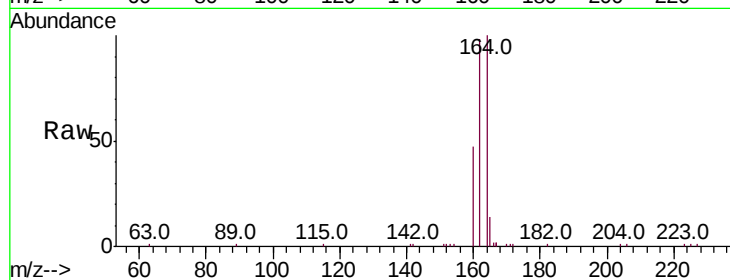
Tot Ion:164 Resp: 10556

Ion Ratio Lower Upper

164 100

162 97.9 77.8 116.6

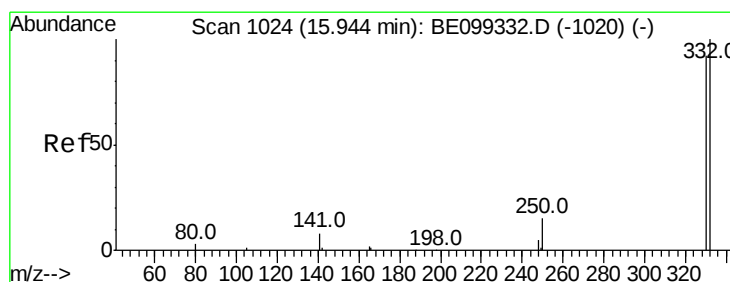
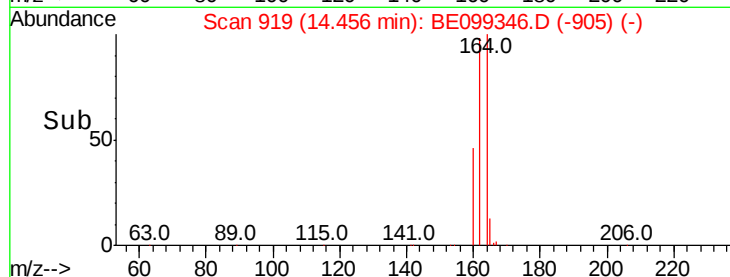
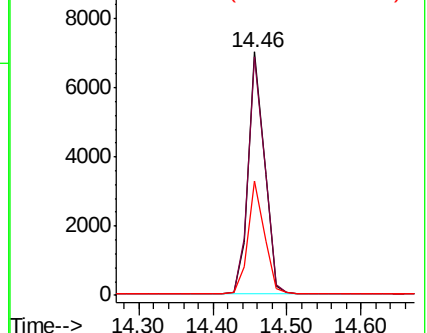
160 46.7 37.1 55.7



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: 0.450 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

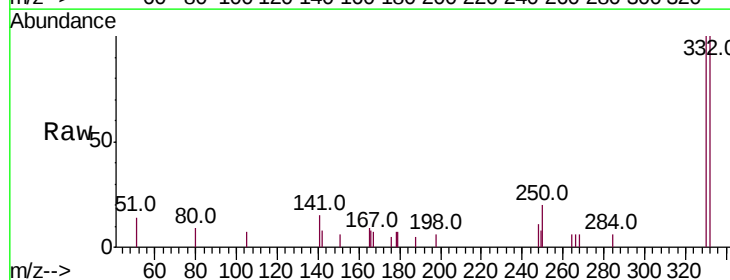
Tgt Ion:330 Resp: 1577

Ion Ratio Lower Upper

330 100

332 95.9 82.5 123.7

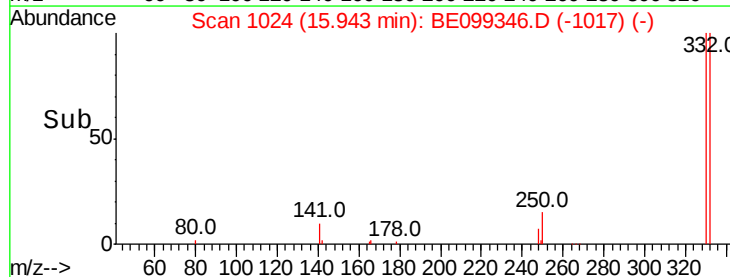
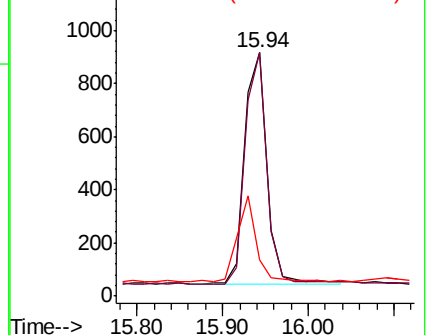
141 31.7 24.9 37.3

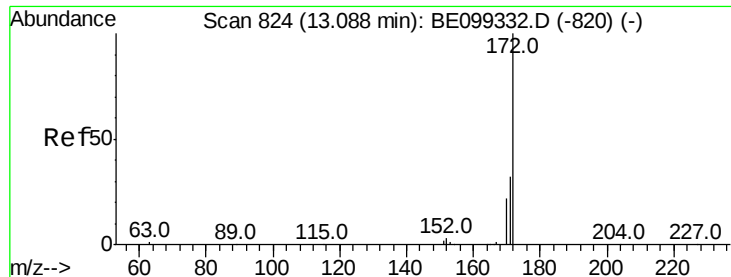


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

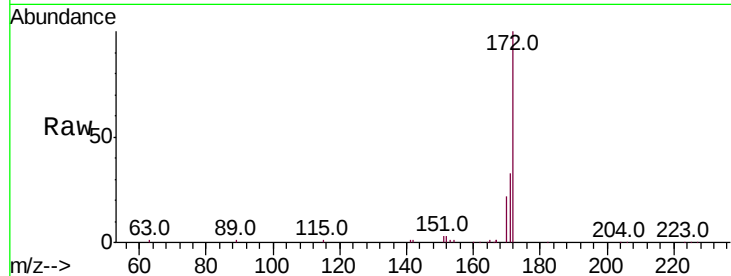




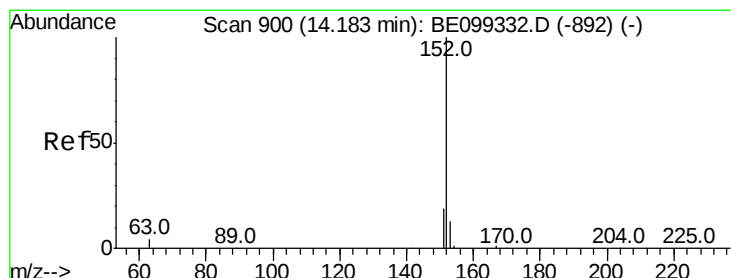
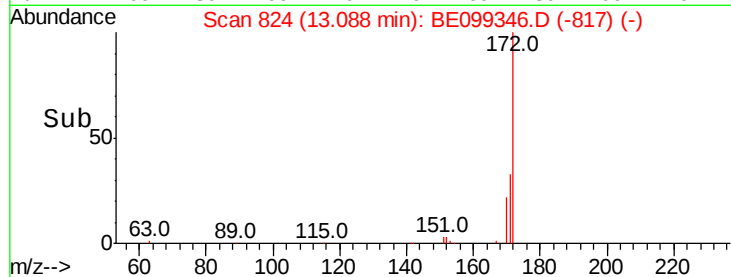
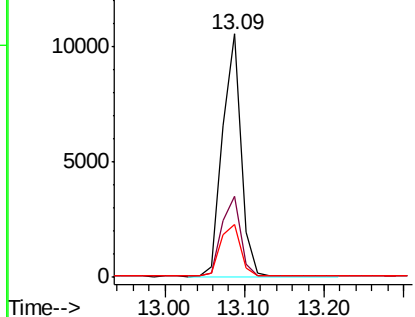
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099346.D
Acq: 19 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 16976
Ion Ratio Lower Upper
172 100
171 33.4 26.2 39.2
170 22.0 18.1 27.1

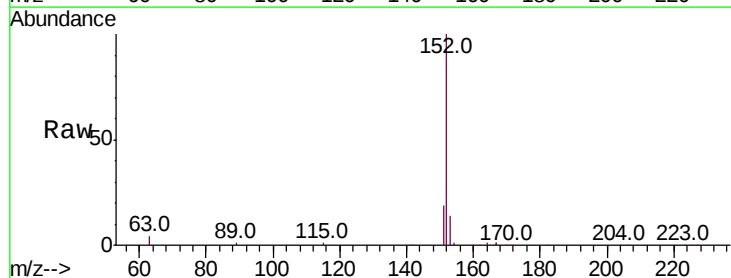


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

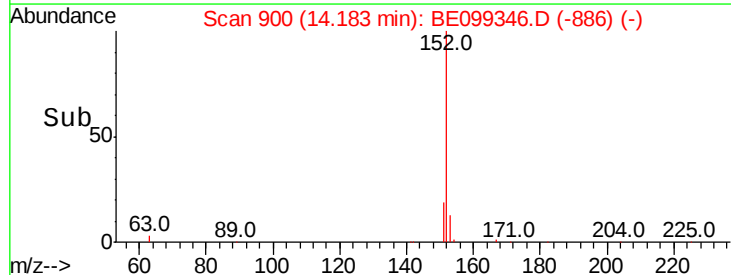
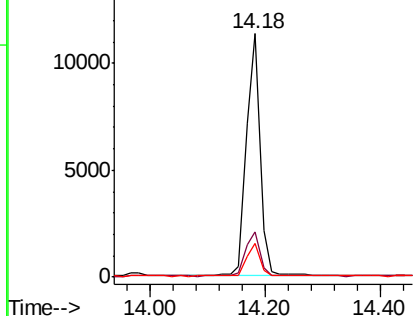


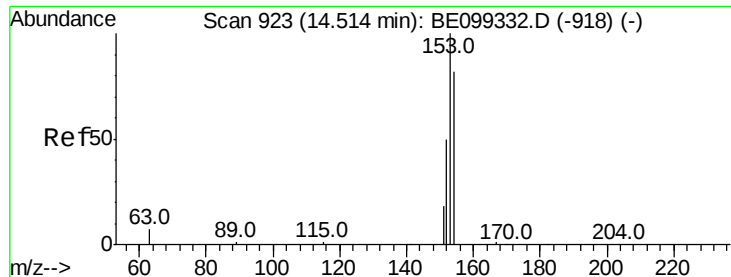
#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099346.D
Acq: 19 Apr 2019 13:15

Tgt Ion:152 Resp: 18921
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.1 10.2 15.4



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

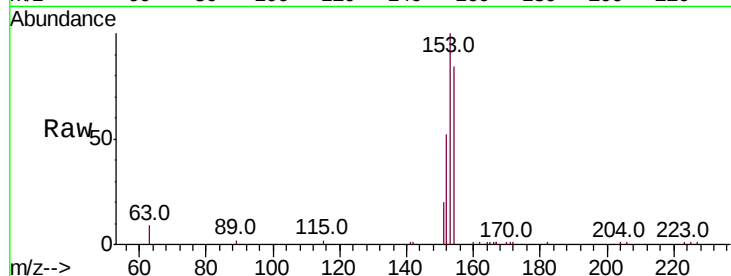




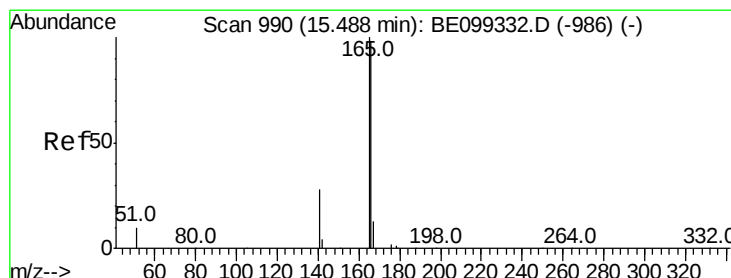
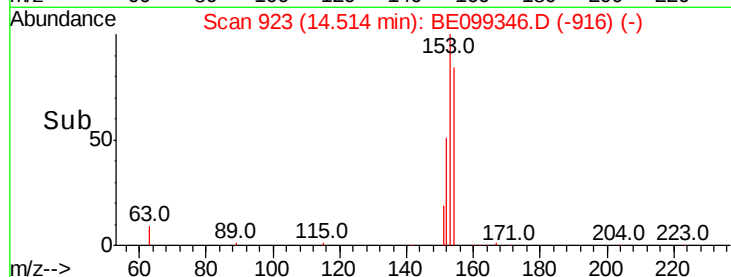
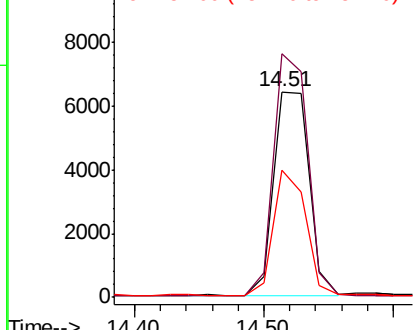
#17
Acenaphthene
Concen: 0.414 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099346.D
Acq: 19 Apr 2019 13:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 12186
Ion Ratio Lower Upper
154 100
153 114.2 94.7 142.1
152 56.1 46.4 69.6

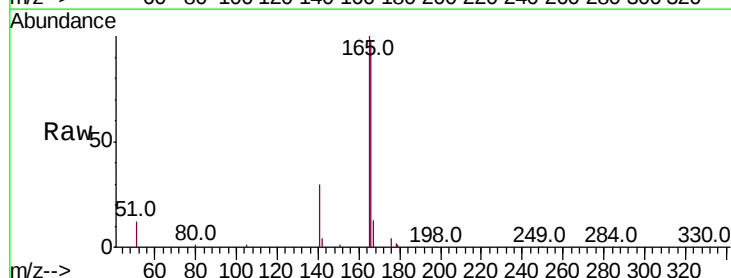


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

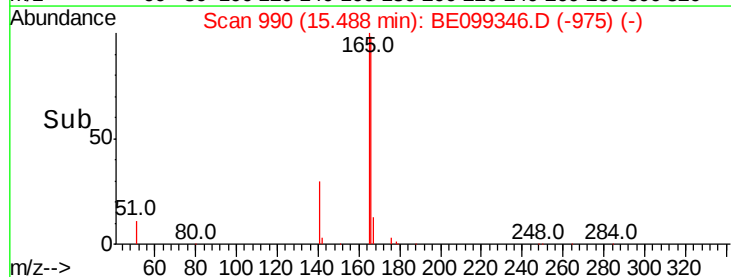
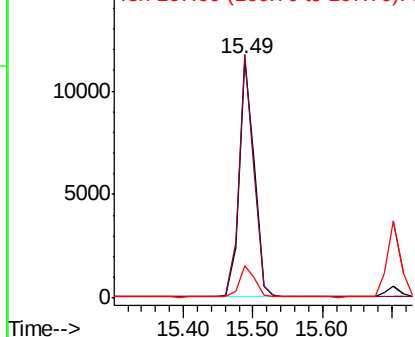


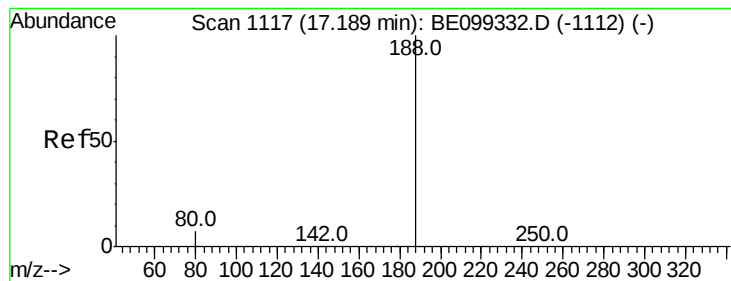
#18
Fluorene
Concen: 0.407 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099346.D
Acq: 19 Apr 2019 13:15

Tgt Ion:166 Resp: 17202
Ion Ratio Lower Upper
166 100
165 100.4 79.7 119.5
167 13.7 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: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

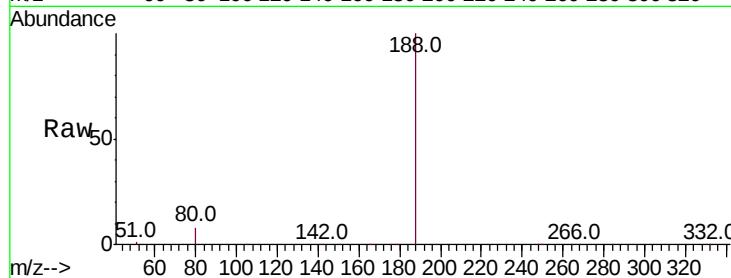
Tot Ion:188 Resp: 30857

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

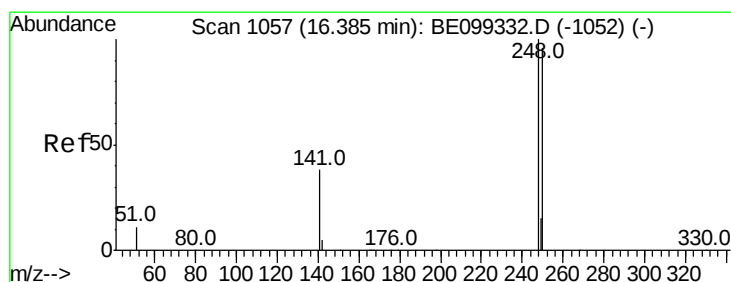
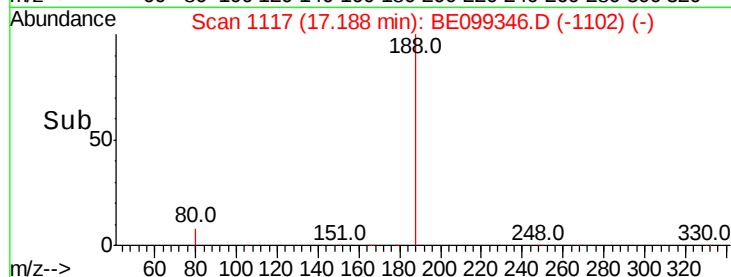
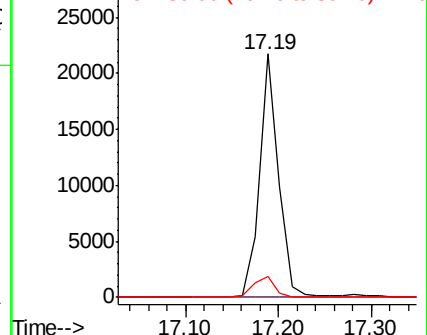
80 8.5 6.2 9.4



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: 0.398 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

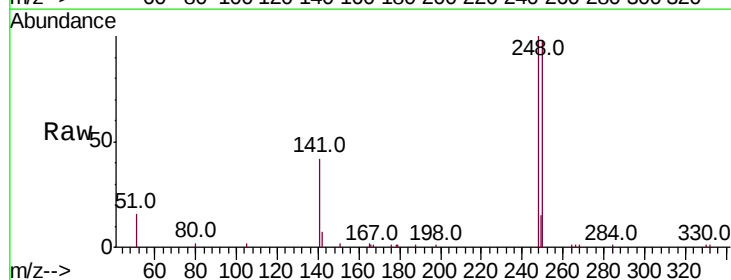
Tgt Ion:248 Resp: 6812

Ion Ratio Lower Upper

248 100

250 98.4 77.0 115.6

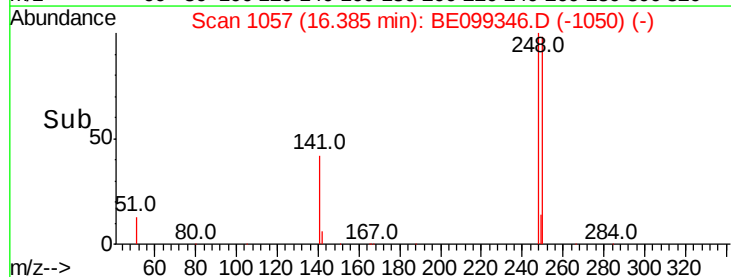
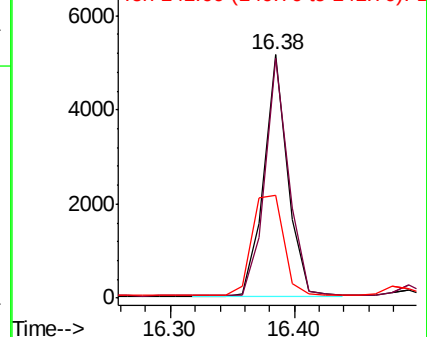
141 42.3 31.1 46.7

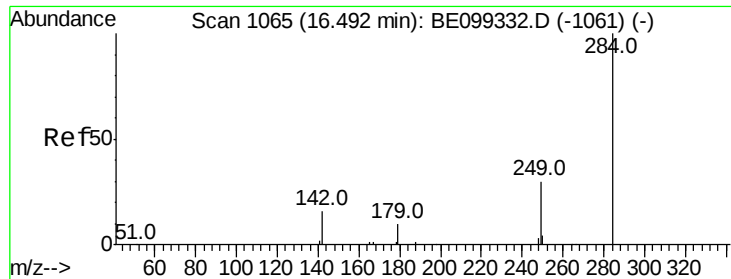


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

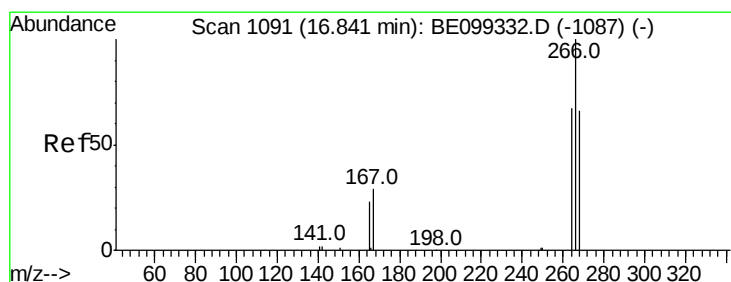
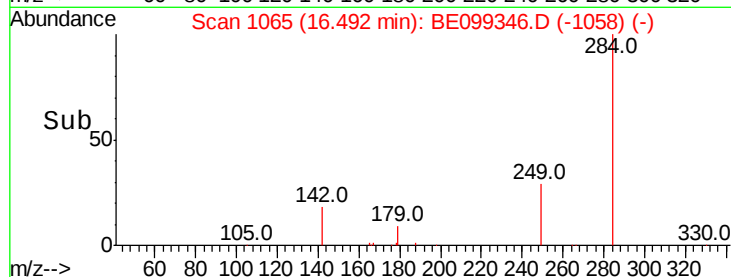
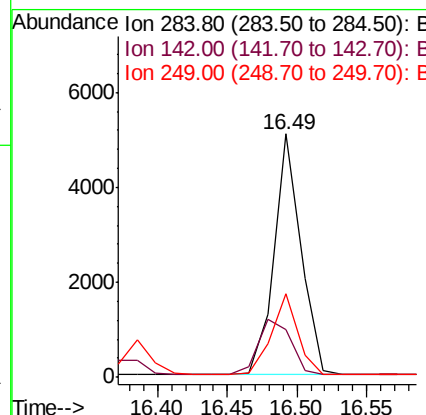
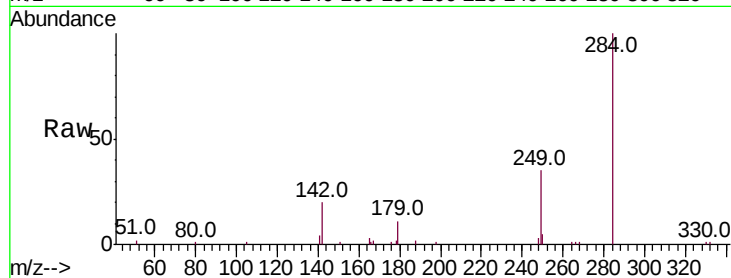




#21
Hexachlorobenzene
Concen: 0.418 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099346.D
Acq: 19 Apr 2019 13:15

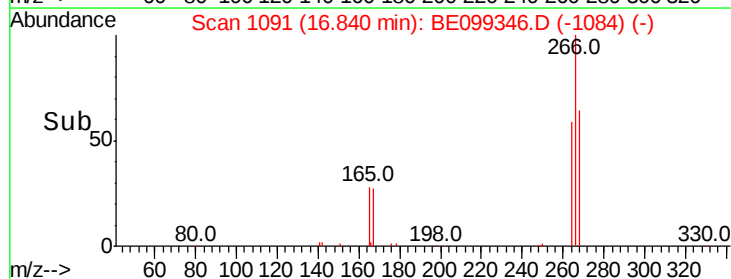
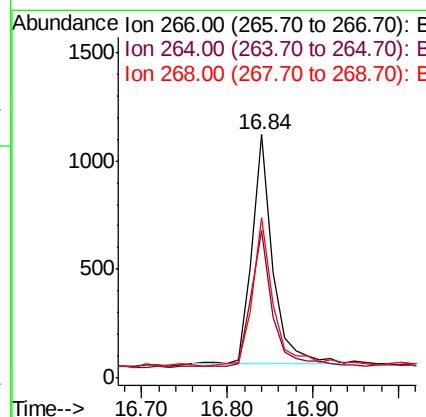
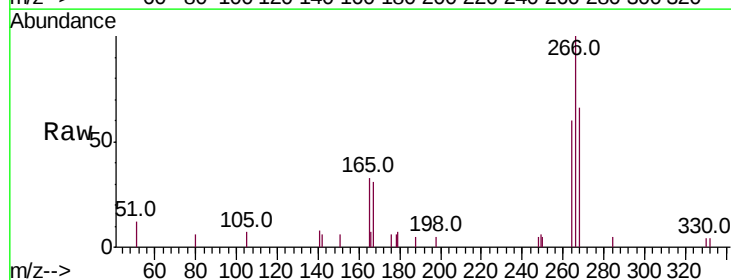
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

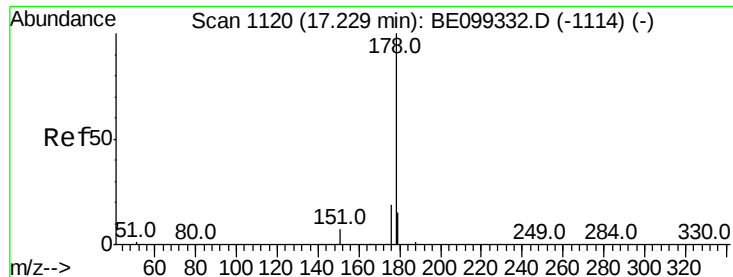
Tot Ion:284 Resp: 6871
Ion Ratio Lower Upper
284 100
142 28.0 21.8 32.6
249 33.1 26.2 39.4



#22
Pentachlorophenol
Concen: 0.485 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099346.D
Acq: 19 Apr 2019 13:15

Tgt Ion:266 Resp: 1757
Ion Ratio Lower Upper
266 100
264 60.5 54.5 81.7
268 65.8 54.3 81.5





#23

Phenanthrene

Concen: 0.409 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

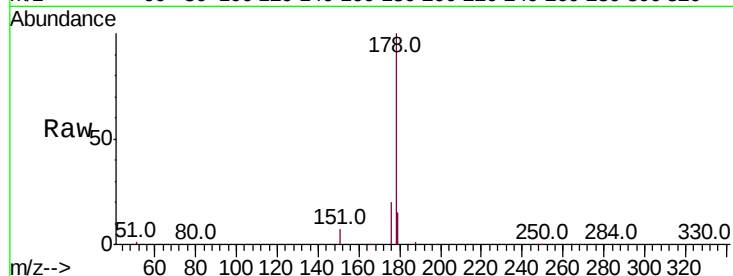
Tot Ion:178 Resp: 33444

Ion Ratio Lower Upper

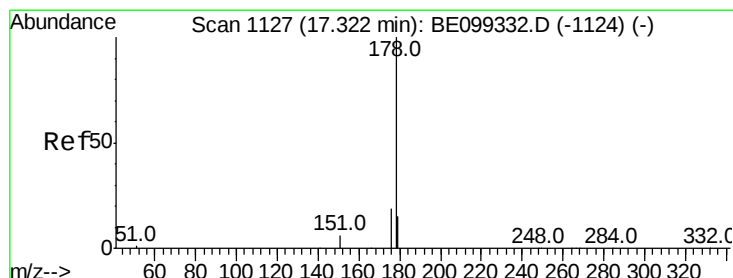
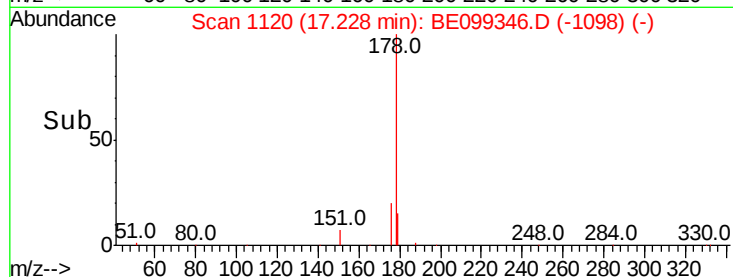
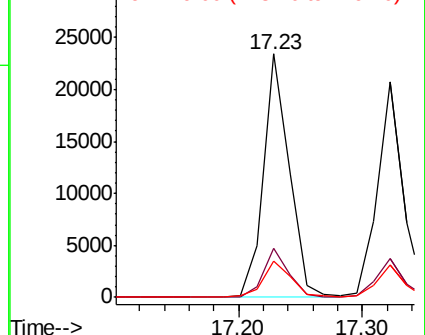
178 100

176 19.2 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: 0.405 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

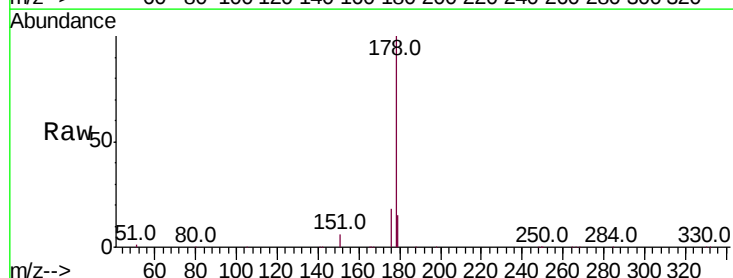
Tgt Ion:178 Resp: 29402

Ion Ratio Lower Upper

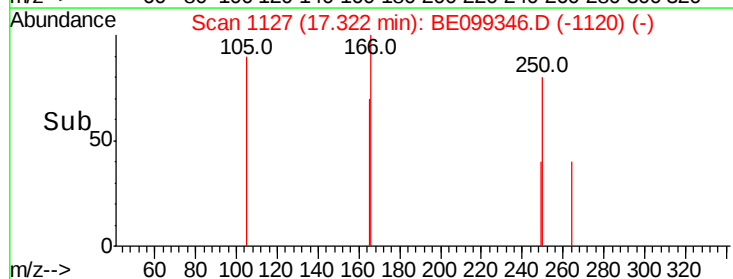
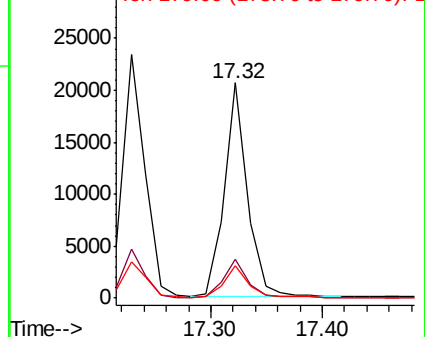
178 100

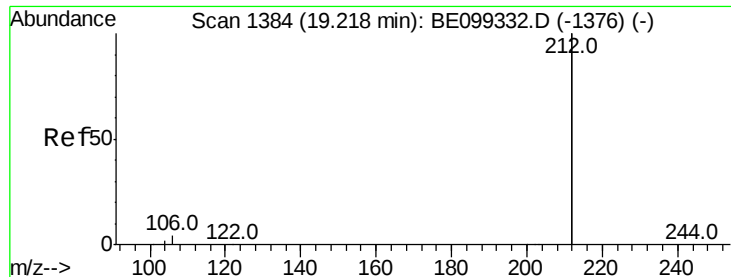
176 18.4 15.1 22.7

179 15.1 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: 0.397 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

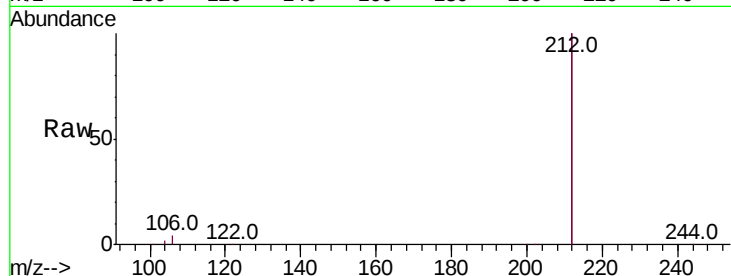
Tot Ion:212 Resp: 147312

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.6

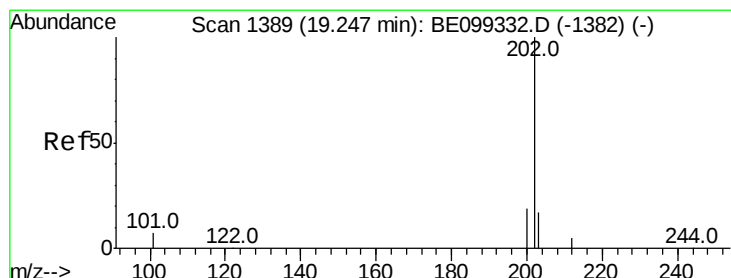
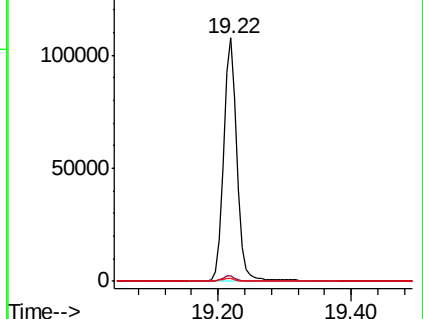
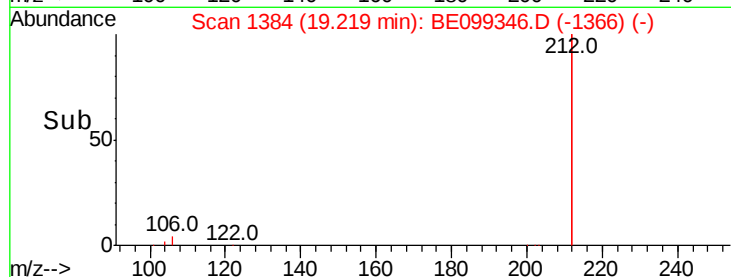
104 1.2 1.0 1.4



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: 0.398 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

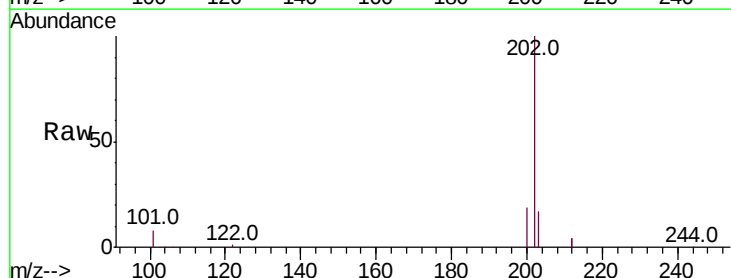
Tgt Ion:202 Resp: 43486

Ion Ratio Lower Upper

202 100

101 7.9 6.4 9.6

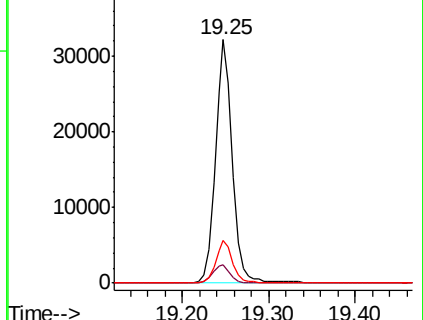
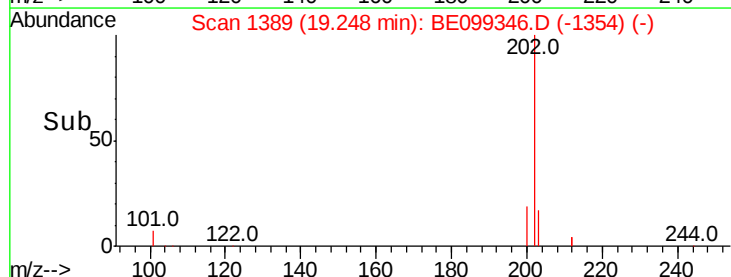
203 16.9 13.5 20.3

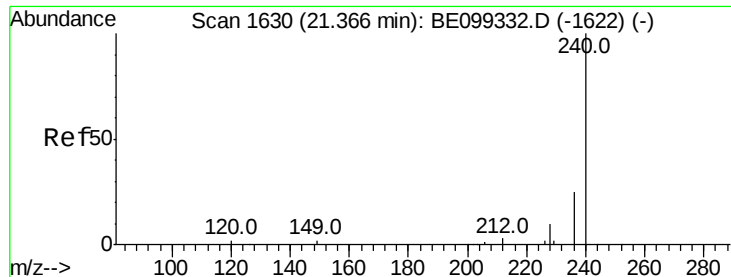


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

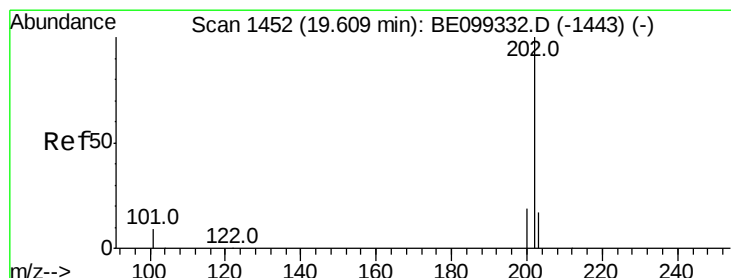
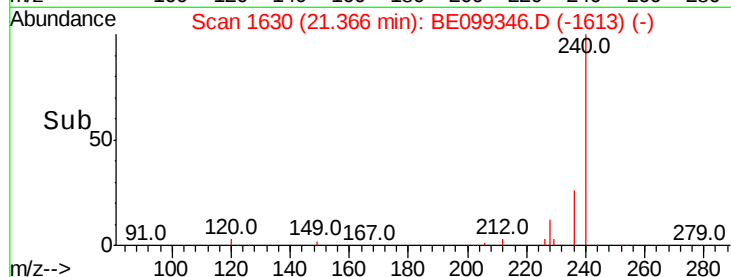
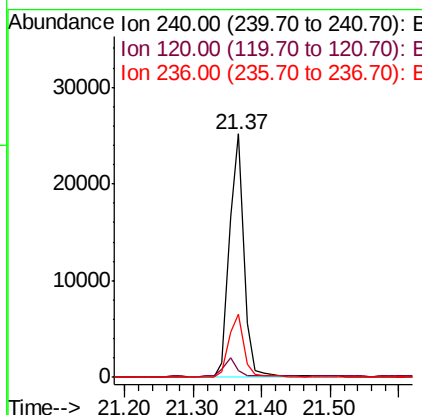
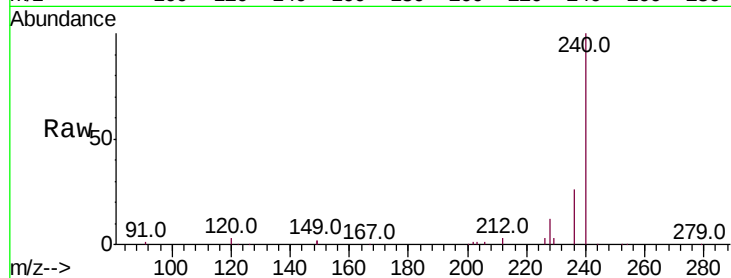




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099346.D
Acq: 19 Apr 2019 13:15

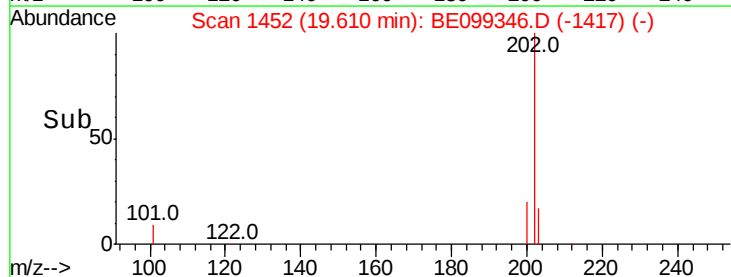
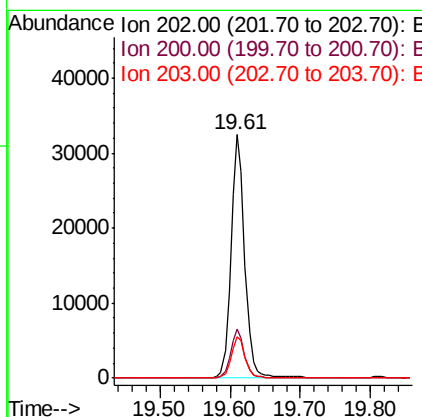
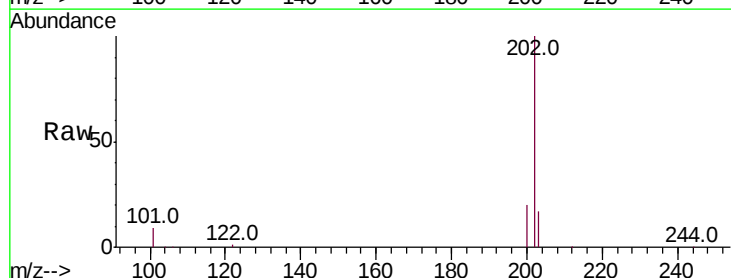
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

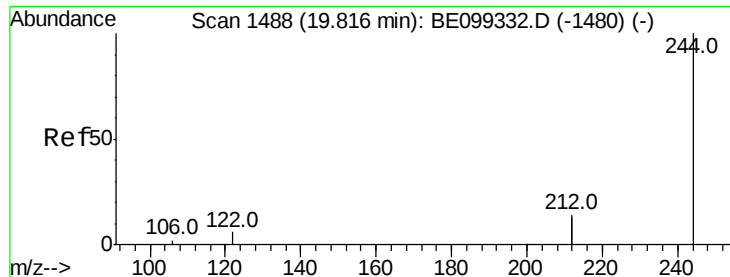
Tot Ion:240 Resp: 36908
Ion Ratio Lower Upper
240 100
120 3.0 2.2 3.2
236 26.1 20.2 30.4



#28
Pyrene
Concen: 0.402 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099346.D
Acq: 19 Apr 2019 13:15

Tgt Ion:202 Resp: 43688
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 17.3 13.7 20.5





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

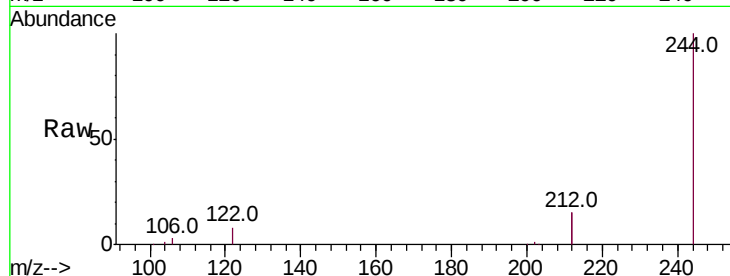
Tot Ion:244 Resp: 29358

Ion Ratio Lower Upper

244 100

212 30.6 22.6 33.8

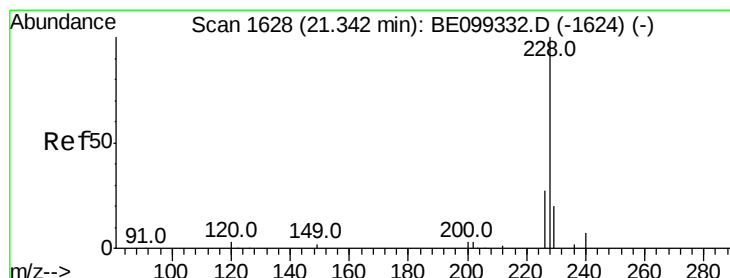
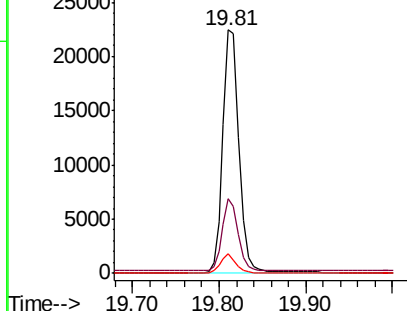
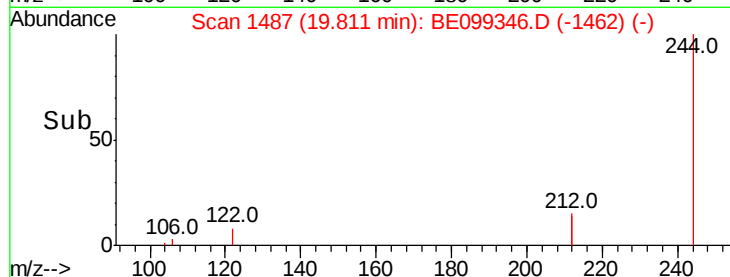
122 7.9 4.6 7.0#



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: 0.420 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

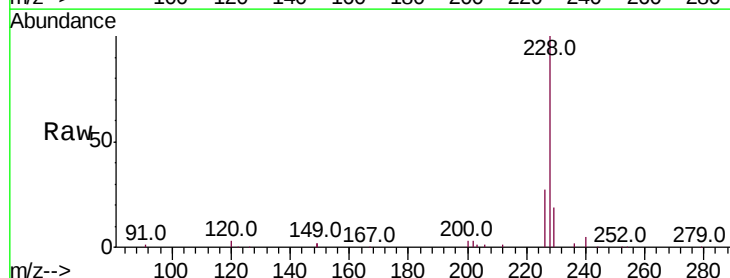
Tgt Ion:228 Resp: 45601

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

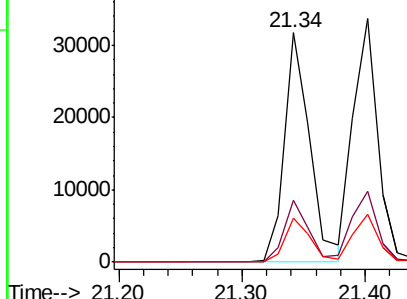
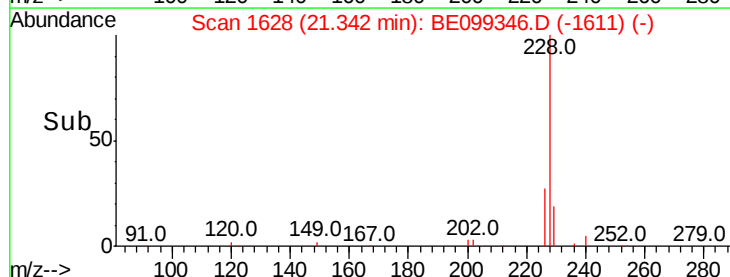
229 19.3 15.8 23.8

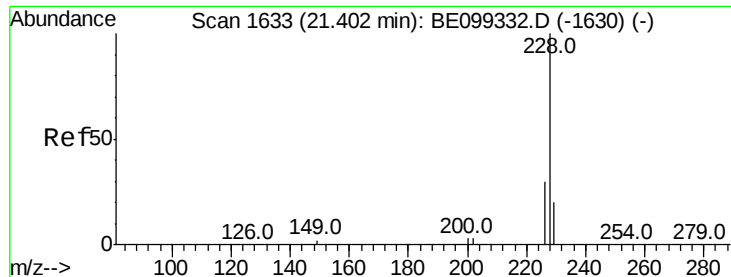


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.402 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

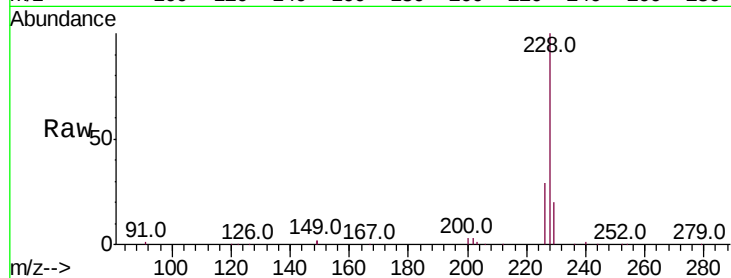
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 46455

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	19.6	16.2	24.2

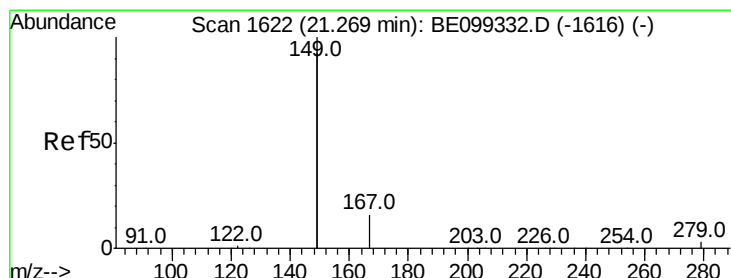
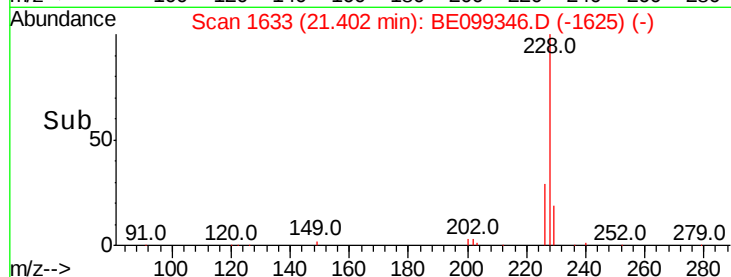
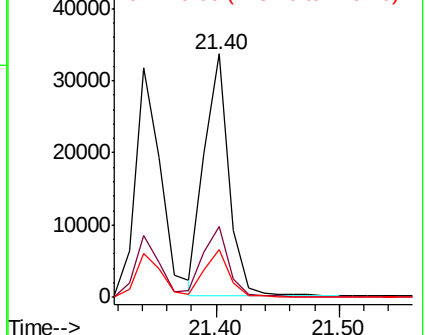


Abundance

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: 0.426 ng

RT: 21.27 min Scan# 1622

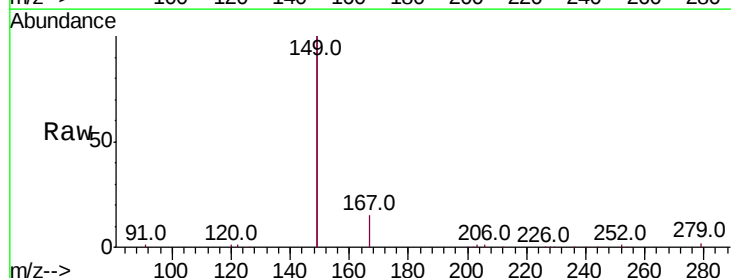
Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Tgt Ion:149 Resp: 42080

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.2	1.1	1.7

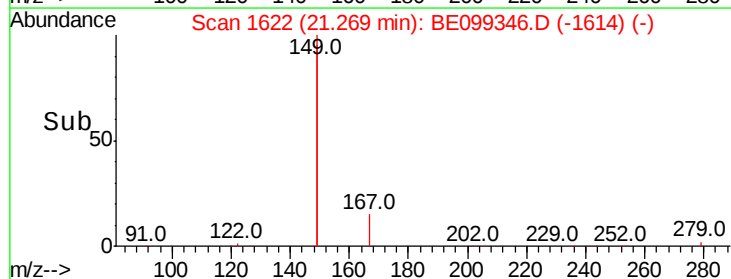
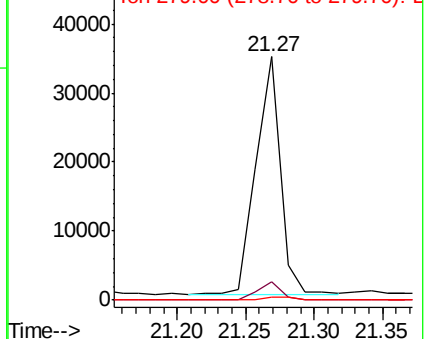


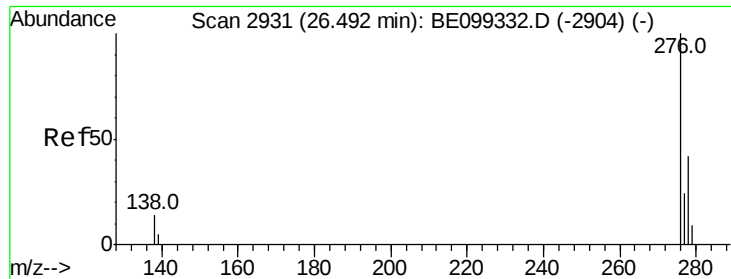
Abundance

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: 0.419 ng

RT: 26.50 min Scan# 2932

Delta R.T. 0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

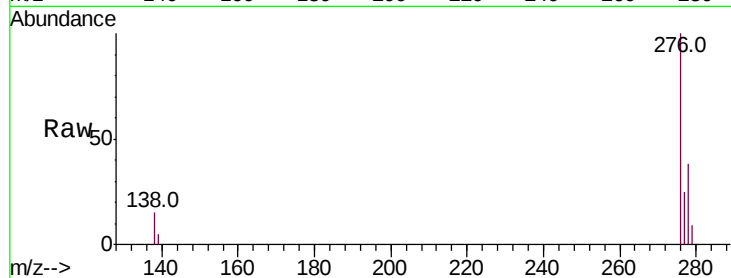
Tot Ion:276 Resp: 47821

Ion Ratio Lower Upper

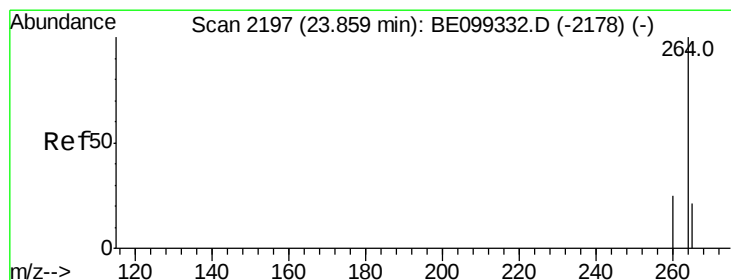
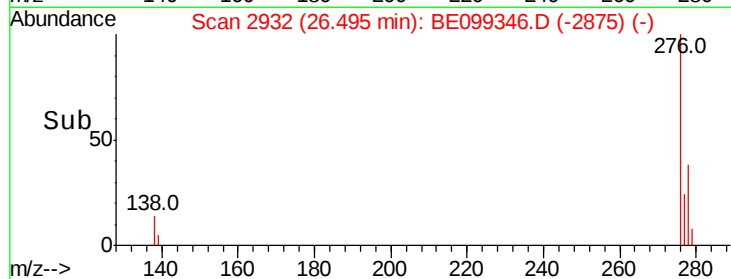
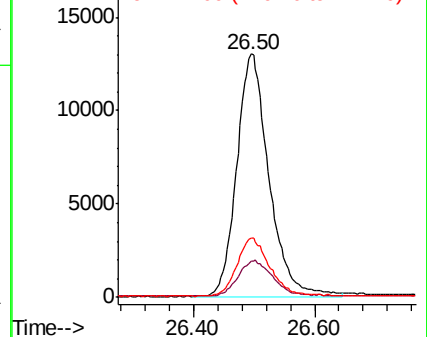
276 100

138 15.7 12.7 19.1

277 24.7 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# 2198

Delta R.T. 0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

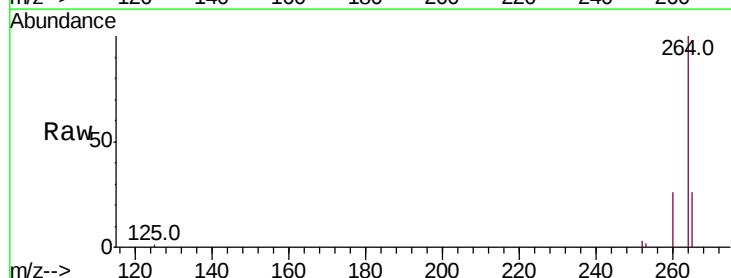
Tgt Ion:264 Resp: 34990

Ion Ratio Lower Upper

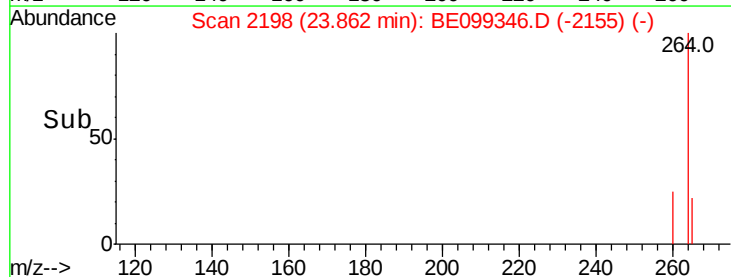
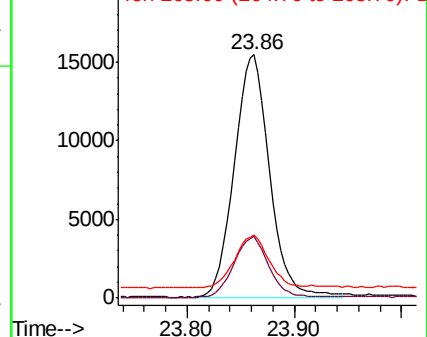
264 100

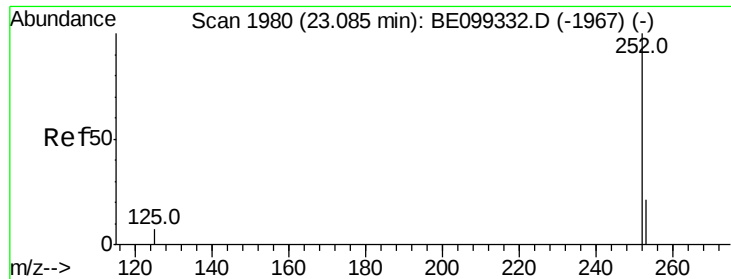
260 25.6 20.1 30.1

265 26.1 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

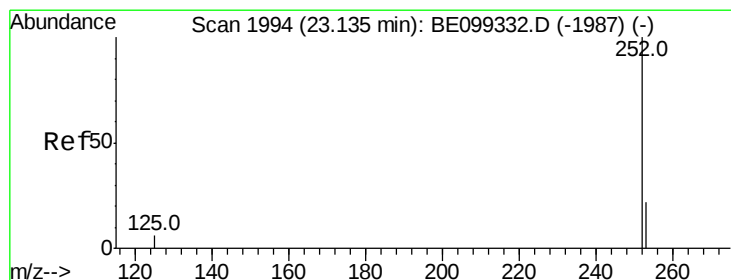
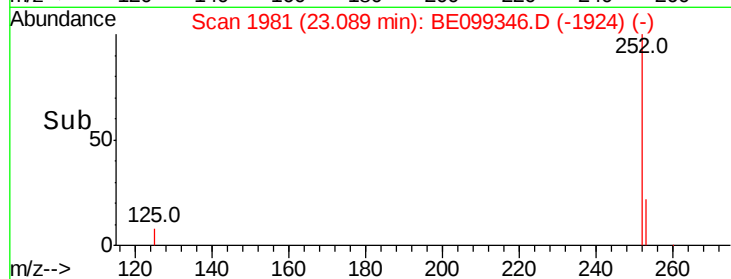
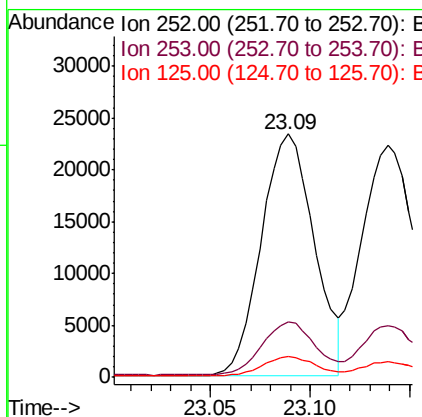
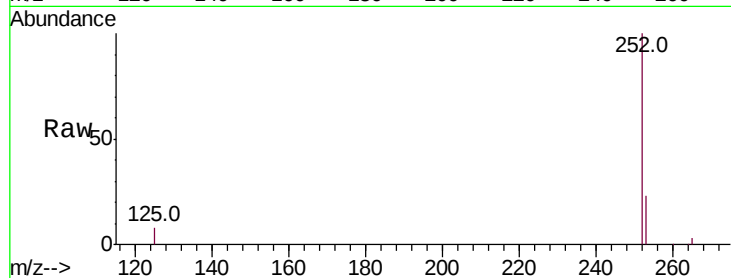




#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.09 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BE099346.D
Acq: 19 Apr 2019 13:15

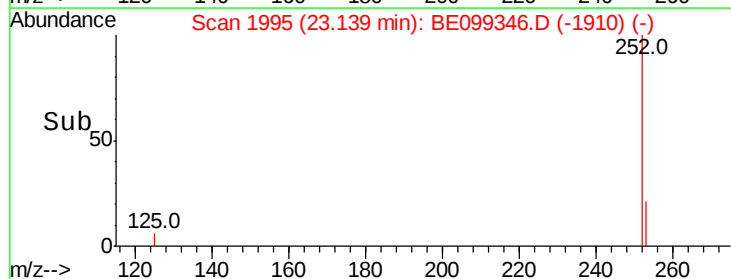
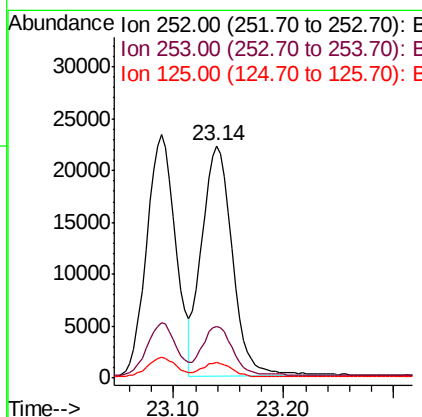
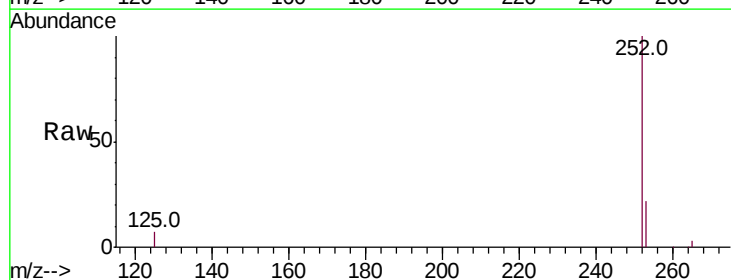
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

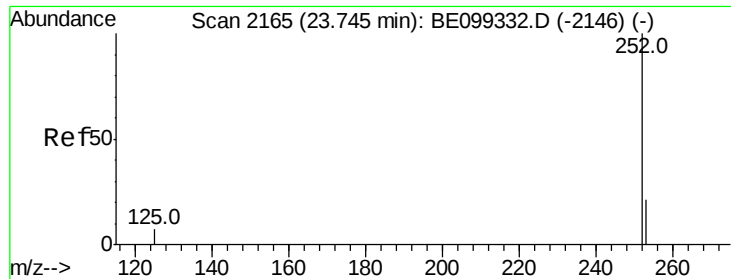
Tot Ion:252 Resp: 43157
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 8.4 5.8 8.6



#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE099346.D
Acq: 19 Apr 2019 13:15

Tgt Ion:252 Resp: 42900
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 7.0 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.407 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

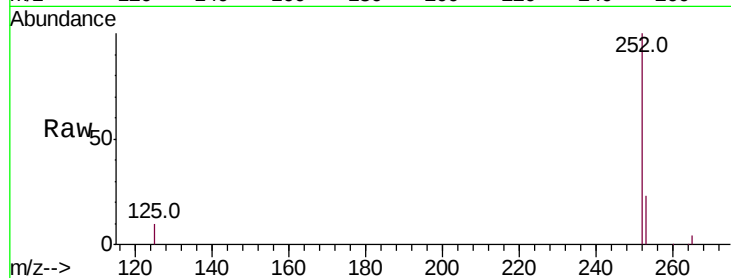
Tot Ion:252 Resp: 39061

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

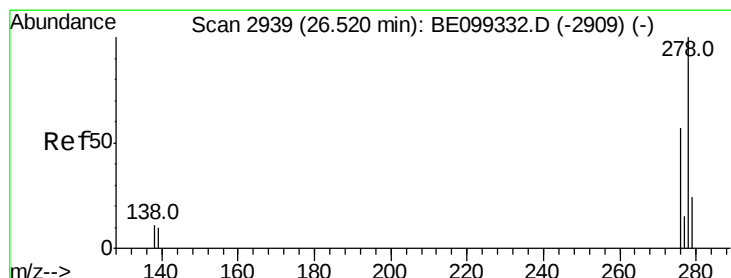
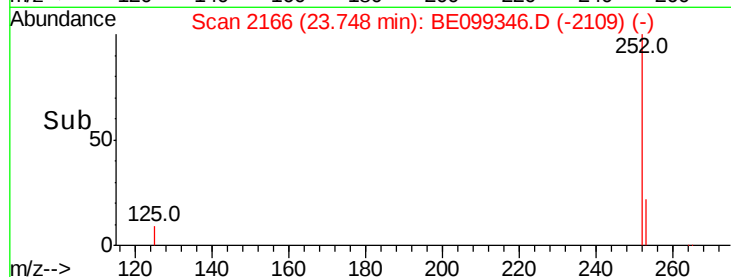
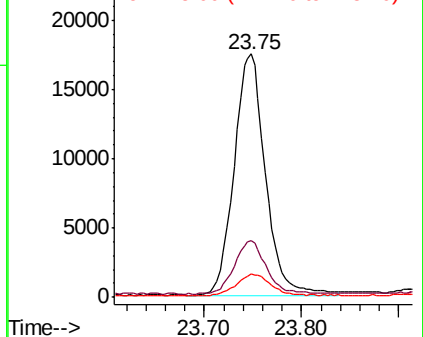
125 9.9 6.5 9.7#



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: 0.398 ng

RT: 26.52 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

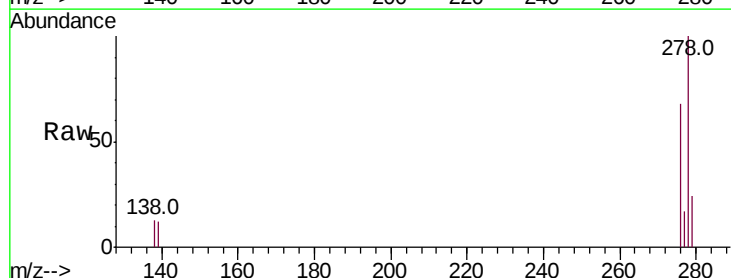
Tgt Ion:278 Resp: 39063

Ion Ratio Lower Upper

278 100

139 12.2 8.5 12.7

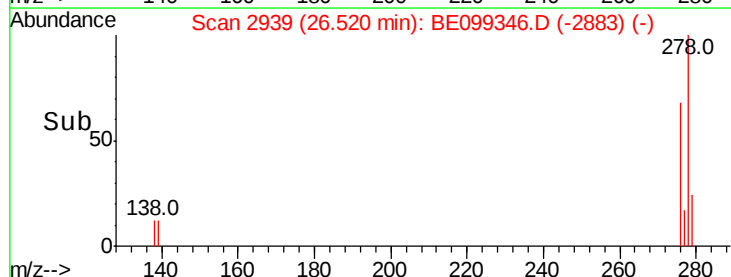
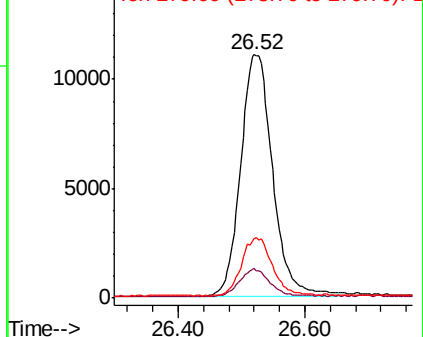
279 24.3 19.8 29.8

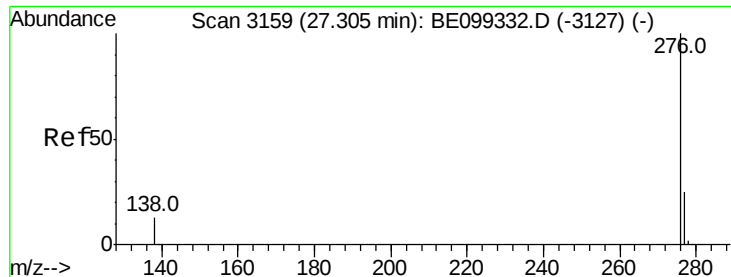


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.403 ng

RT: 27.31 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BE099346.D

Acq: 19 Apr 2019 13:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

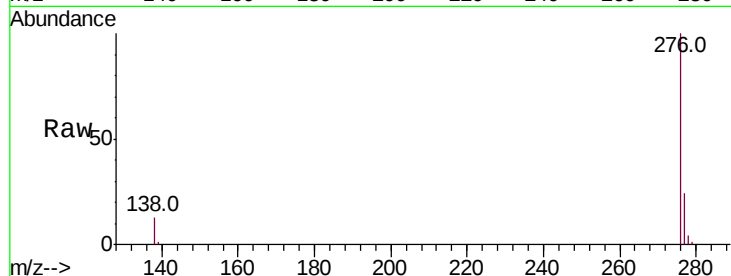
Tot Ion:276 Resp: 40046

Ion Ratio Lower Upper

276 100

277 23.9 20.0 30.0

138 13.2 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

