

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041819\
 Data File : BE099336.D
 Acq On : 18 Apr 2019 12:56
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Quant Time: Apr 19 06:53:12 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	3833	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	14925	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10663	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	29079	0.40	ng	0.00
27) Chrysene-d12	21.37	240	38627	0.40	ng	0.00
34) Perylene-d12	23.86	264	33507	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	50292	4.94	ng	0.00
5) Phenol-d6	6.97	99	73432	5.24	ng	0.00
8) Nitrobenzene-d5	8.97	82	68329	6.67	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	137688	5.28	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	212623	5.07	ng	0.00
25) Fluoranthene-d10	19.22	212	1913349	4.99	ng	0.00
29) Terphenyl-d14	19.81	244	382359	5.43	ng	0.00

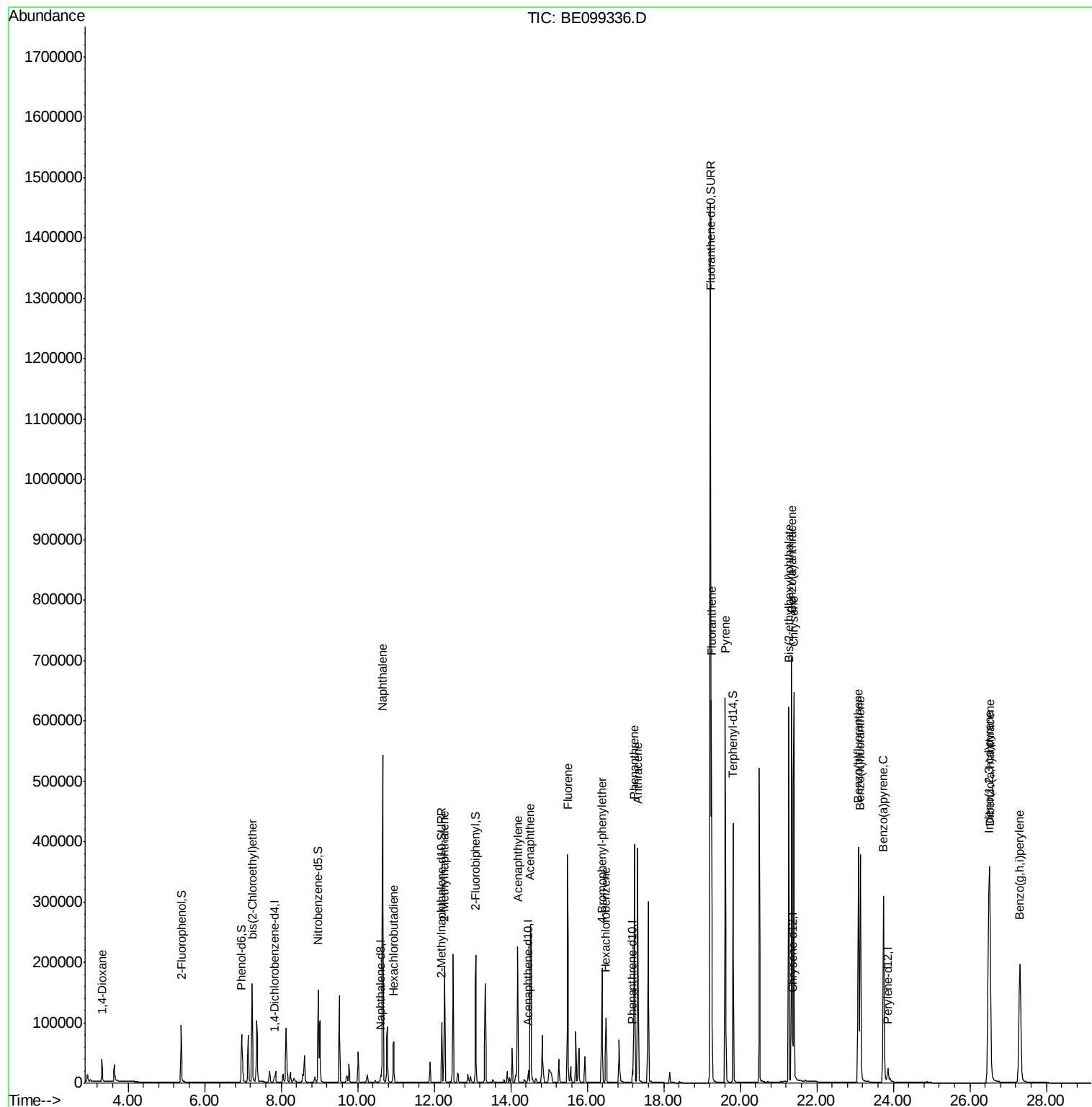
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	26242	5.025	ng	98
6) bis(2-Chloroethyl)ether	7.24	93	64974	5.175	ng	95
9) Naphthalene	10.65	128	827536	5.098	ng	99
10) Hexachlorobutadiene	10.94	225	52819	5.008	ng	98
12) 2-Methylnaphthalene	12.27	142	144520	5.232	ng	99
16) Acenaphthylene	14.18	152	272442	5.393	ng	99
17) Acenaphthene	14.51	154	154414	5.180	ng	97
18) Fluorene	15.49	166	221782	5.150	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	89060	5.396	ng	97
21) Hexachlorobenzene	16.49	284	83189	5.294	ng	99
23) Phenanthrene	17.23	178	397625	5.283	ng	99
24) Anthracene	17.32	178	382591	5.391	ng	99
26) Fluoranthene	19.25	202	565639	5.094	ng	99
28) Pyrene	19.61	202	570376	5.591	ng	99
30) Benzo(a)anthracene	21.34	228	593817	4.883	ng	100
31) Chrysene	21.40	228	613170	5.141	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	686371	4.428	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	614940	4.511	ng	99
35) Benzo(b)fluoranthene	23.09	252	532583	5.327	ng	99
36) Benzo(k)fluoranthene	23.14	252	557262	5.727	ng	98
37) Benzo(a)pyrene	23.74	252	499928	5.319	ng	98
38) Dibenzo(a,h)anthracene	26.52	278	512113	5.479	ng	98
39) Benzo(g,h,i)perylene	27.31	276	507238	5.446	ng	98

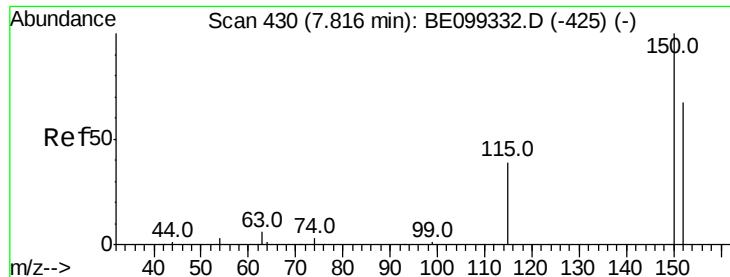
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 13:54:27 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

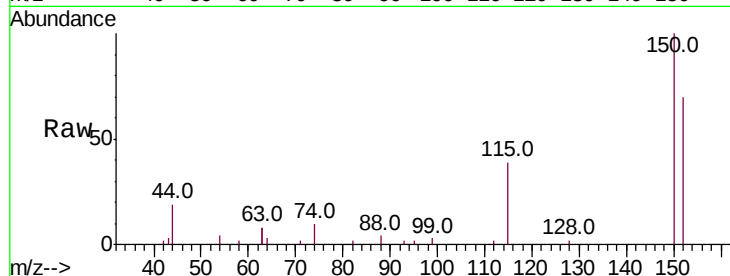
Tot Ion:152 Resp: 3833

Ion Ratio Lower Upper

152 100

150 142.2 119.5 179.3

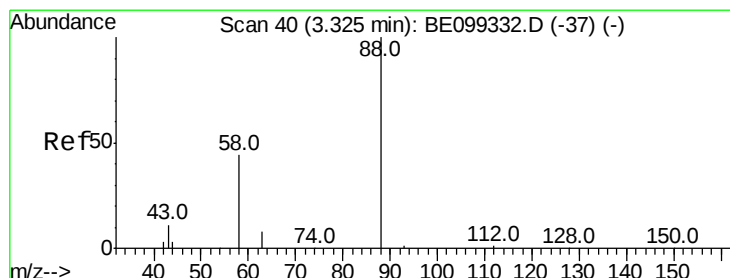
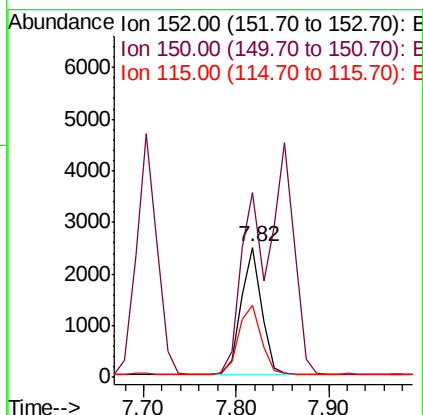
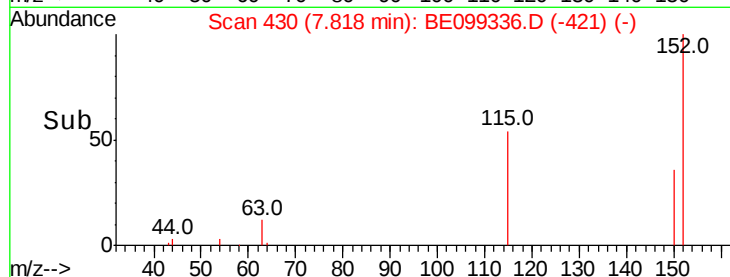
115 55.8 47.5 71.3



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: 5.025 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.01 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

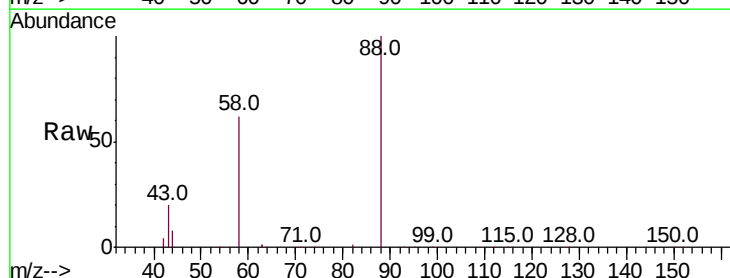
Tgt Ion: 88 Resp: 26242

Ion Ratio Lower Upper

88 100

58 60.4 49.1 73.7

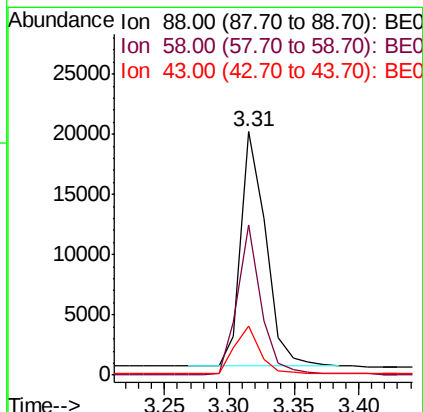
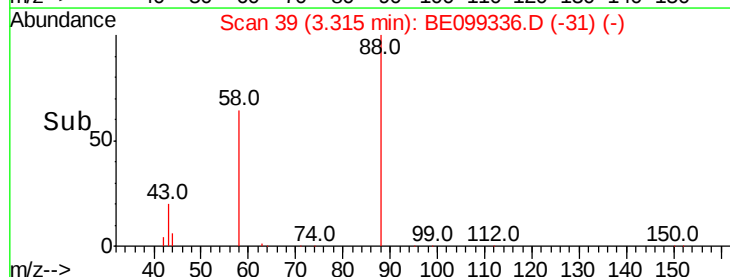
43 21.0 17.9 26.9

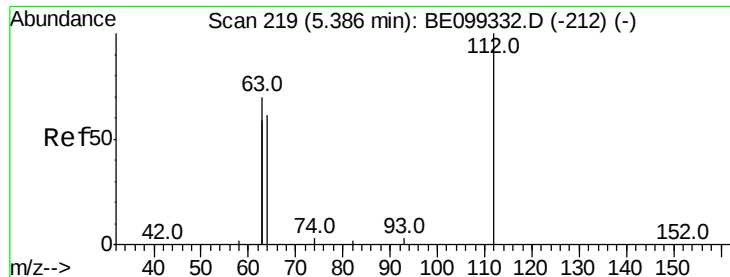


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 4.937 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

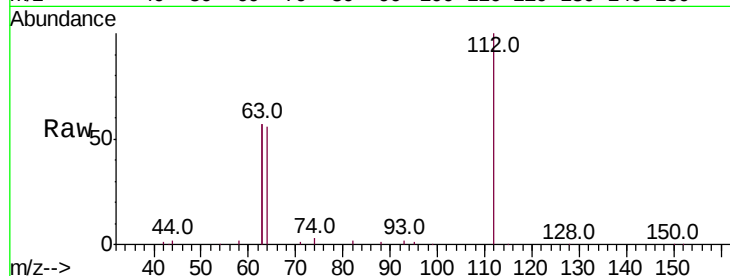
Tot Ion:112 Resp: 50292

Ion Ratio Lower Upper

112 100

64 57.5 44.9 67.3

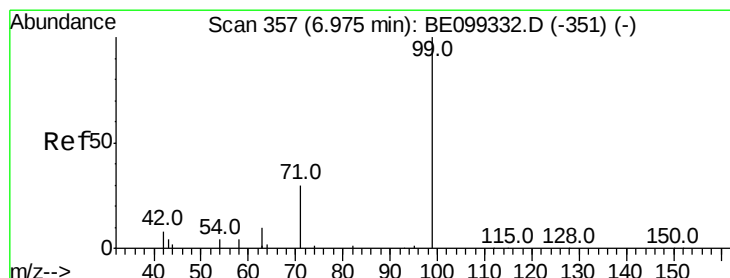
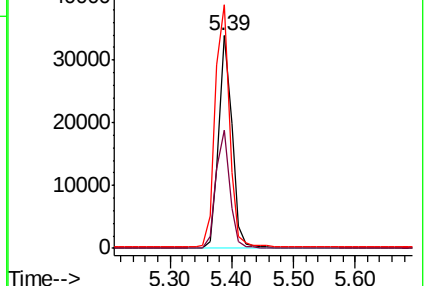
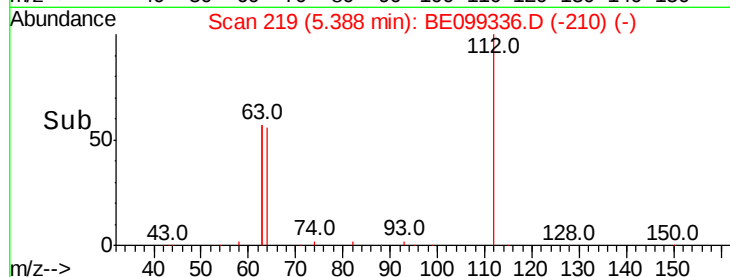
63 121.7 97.4 146.0



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 5.244 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

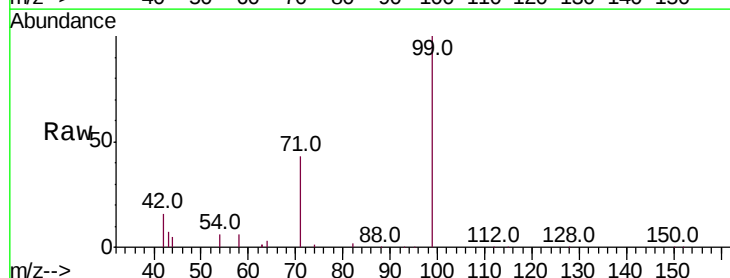
Tgt Ion: 99 Resp: 73432

Ion Ratio Lower Upper

99 100

42 14.7 11.7 17.5

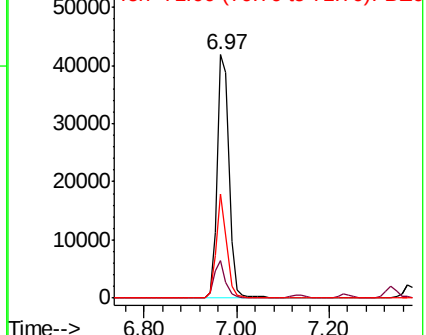
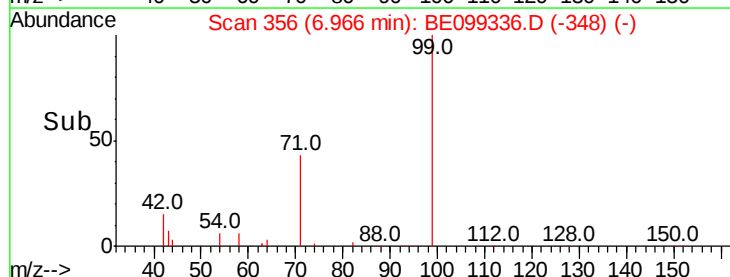
71 37.6 29.6 44.4

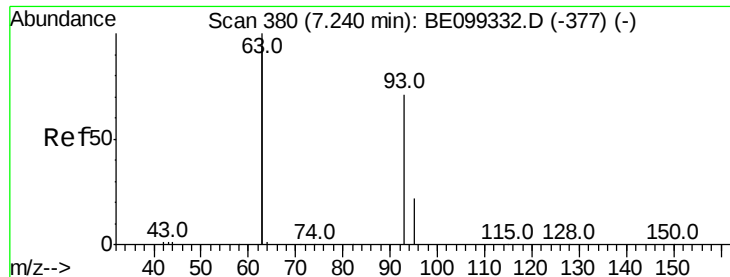


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 5.175 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

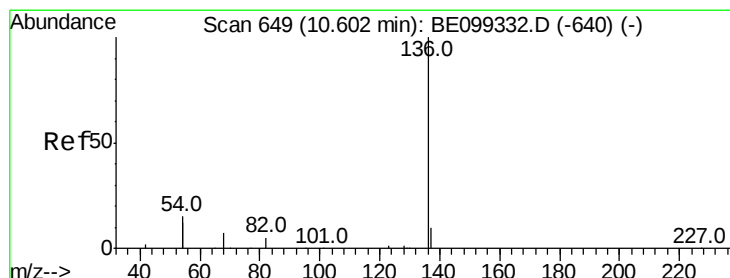
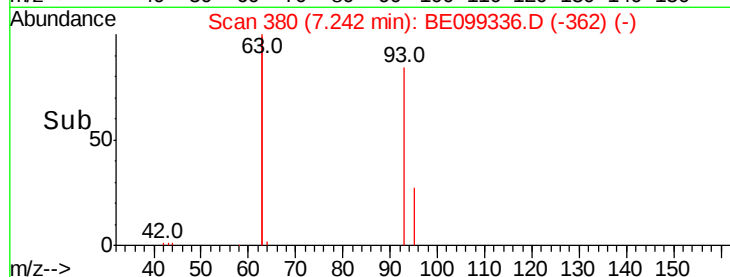
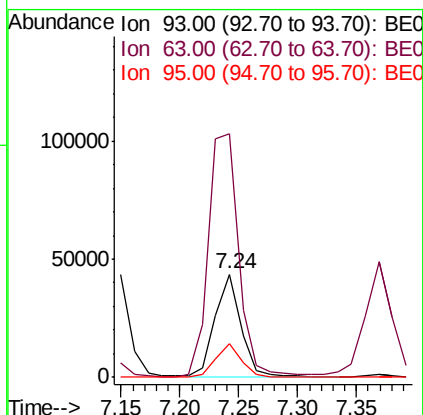
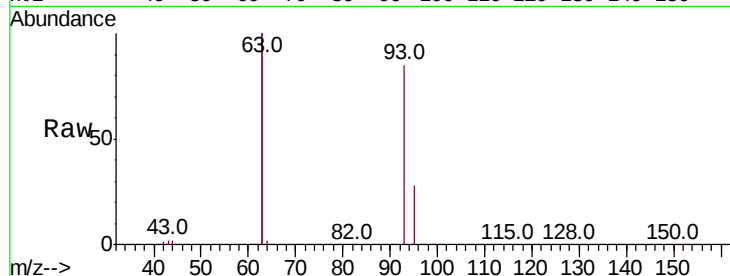
Tot Ion: 93 Resp: 64974

Ion Ratio Lower Upper

93 100

63 281.1 216.6 324.8

95 32.6 25.8 38.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Tgt Ion: 136 Resp: 14925

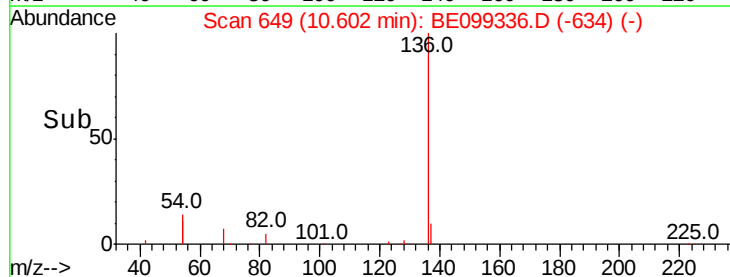
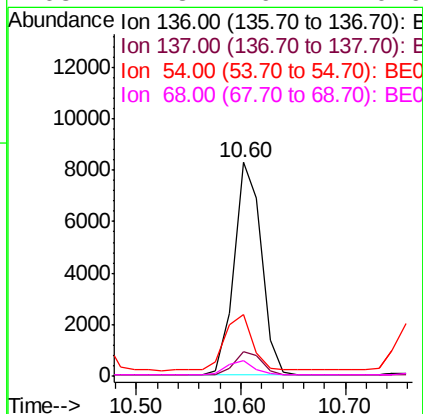
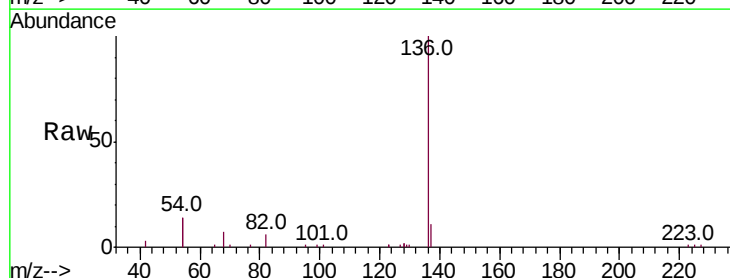
Ion Ratio Lower Upper

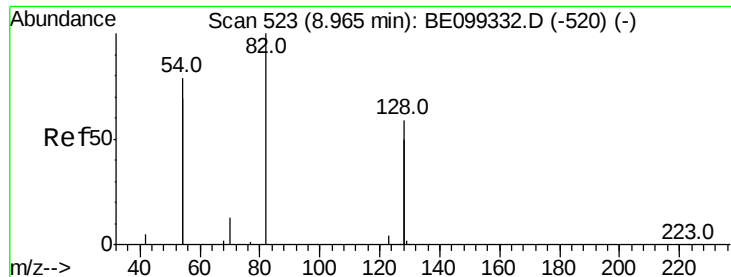
136 100

137 11.1 8.7 13.1

54 28.6 23.8 35.8

68 7.3 6.4 9.6





#8

Nitrobenzene-d5

Concen: 6.668 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

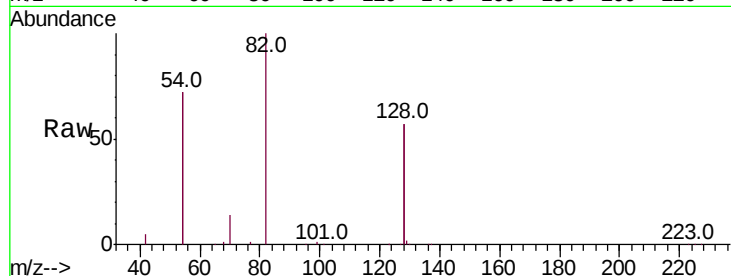
Tot Ion: 82 Resp: 68329

Ion Ratio Lower Upper

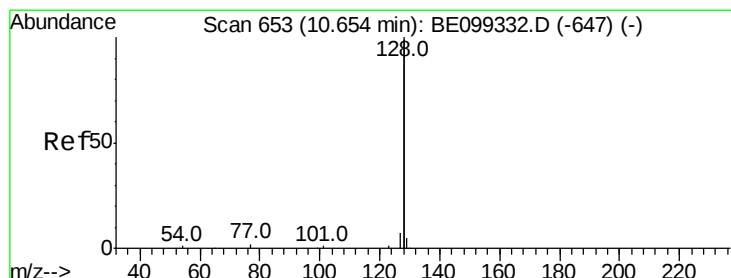
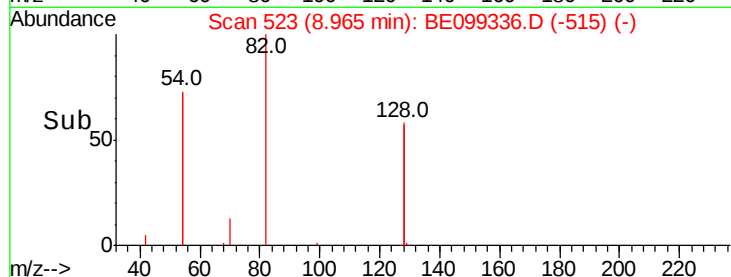
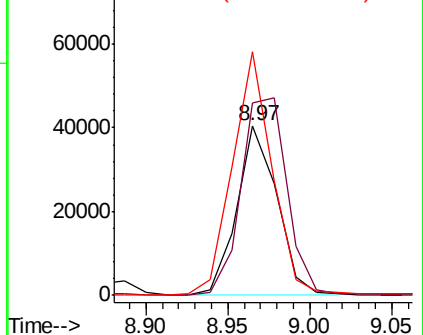
82 100

128 113.2 91.7 137.5

54 143.6 122.8 184.2



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: 5.098 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

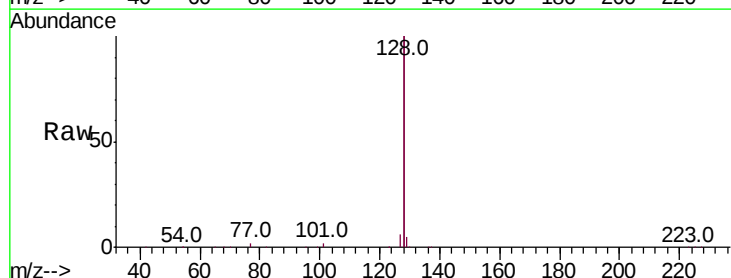
Tgt Ion:128 Resp: 827536

Ion Ratio Lower Upper

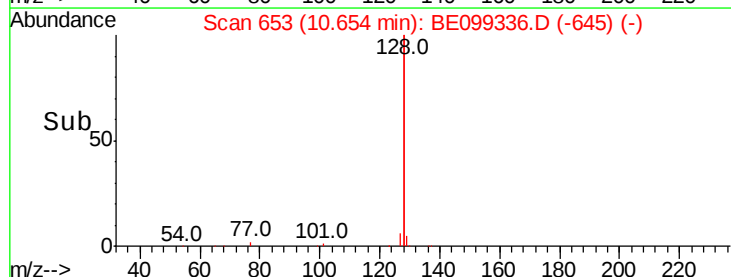
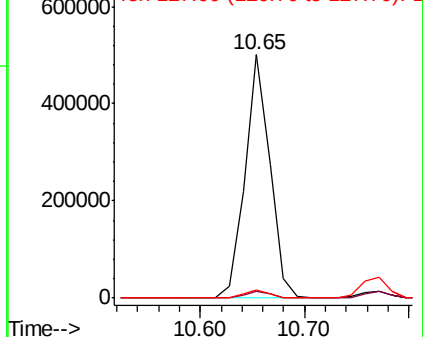
128 100

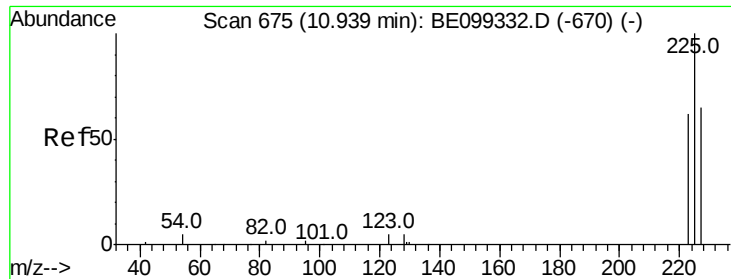
129 2.7 2.3 3.5

127 3.2 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

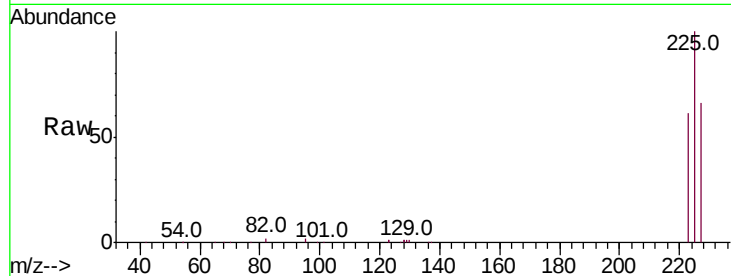




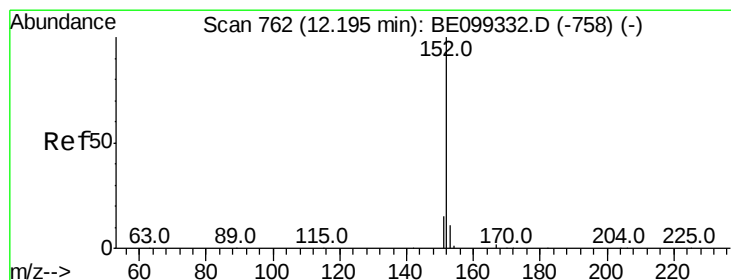
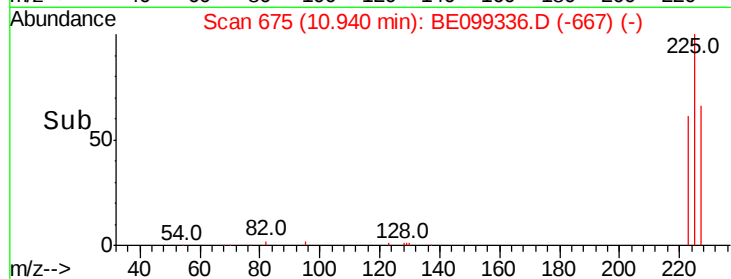
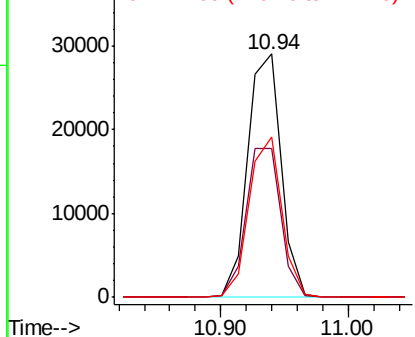
#10
Hexachlorobutadiene
Concen: 5.008 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:225 Resp: 52819
Ion Ratio Lower Upper
225 100
223 63.7 50.3 75.5
227 64.0 49.4 74.0

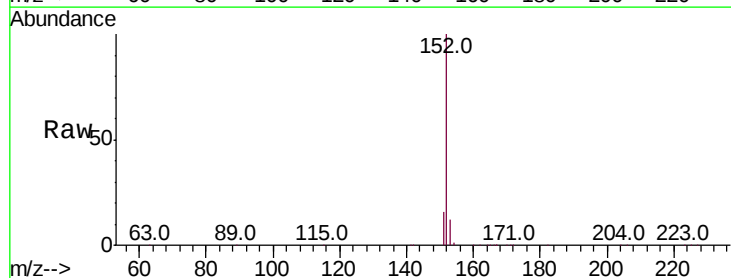


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

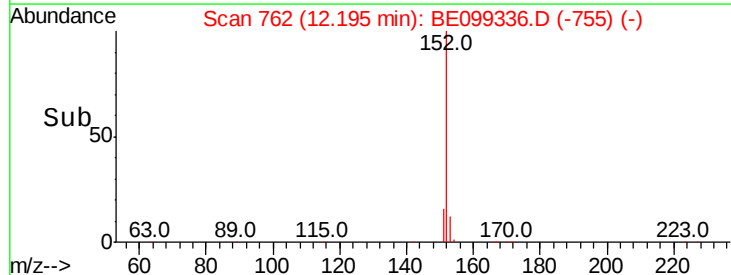
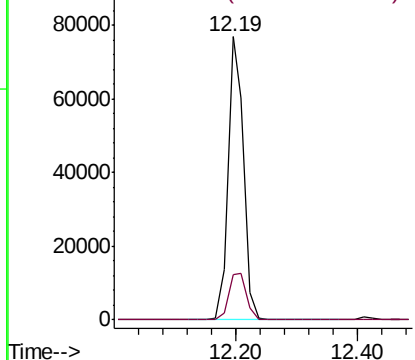


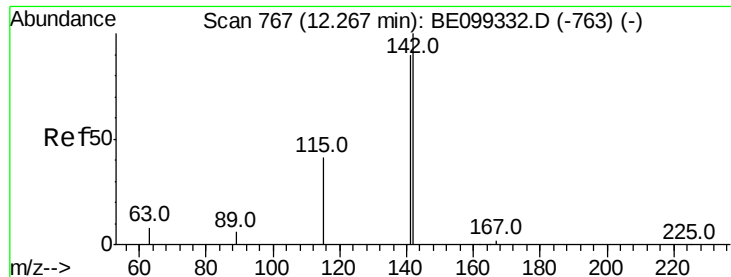
#11
2-Methylnaphthalene-d10
Concen: 5.285 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

Tgt Ion:152 Resp: 137688
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

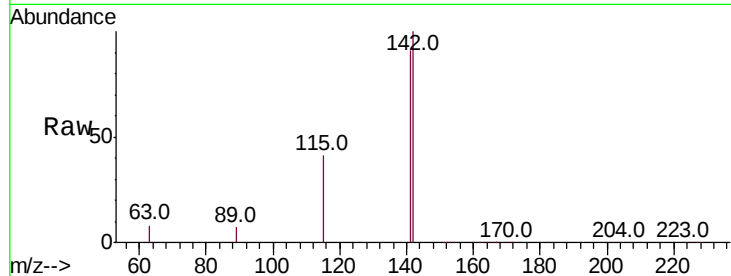




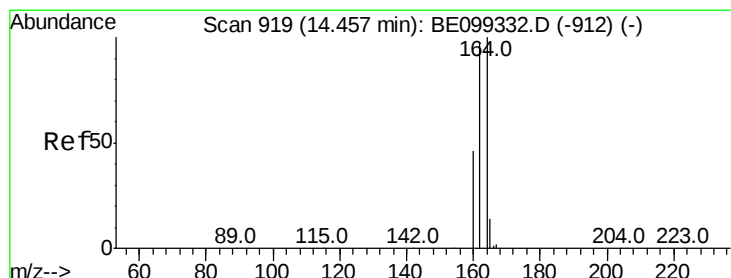
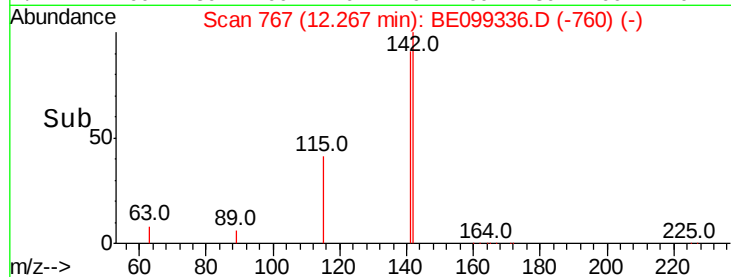
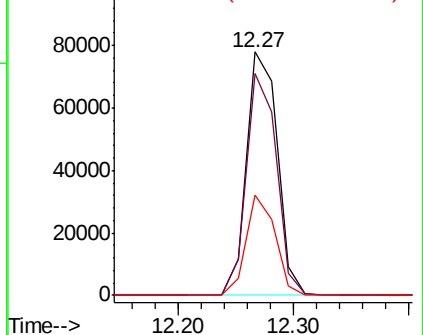
#12
2-Methylnaphthalene
Concen: 5.232 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:142 Resp: 144520
Ion Ratio Lower Upper
142 100
141 91.2 72.0 108.0
115 41.1 33.4 50.0

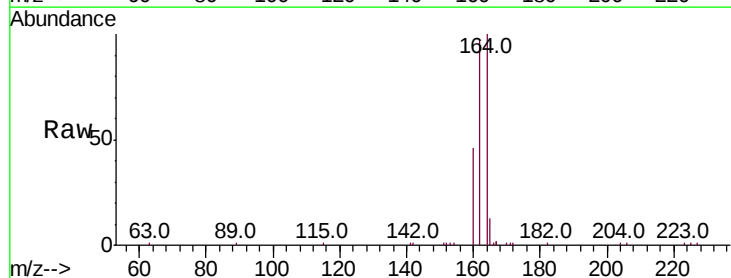


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

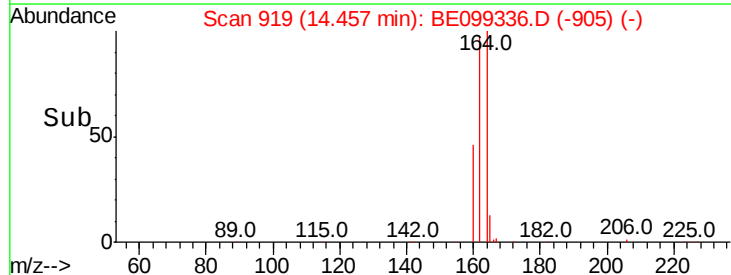
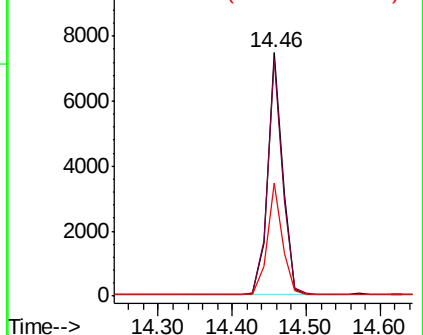


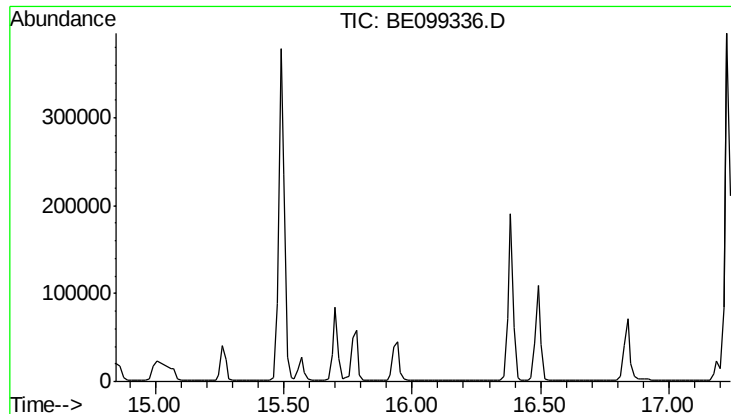
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

Tgt Ion:164 Resp: 10663
Ion Ratio Lower Upper
164 100
162 97.3 77.8 116.6
160 46.3 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

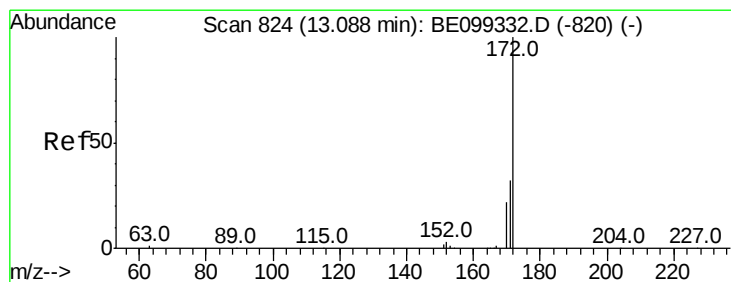
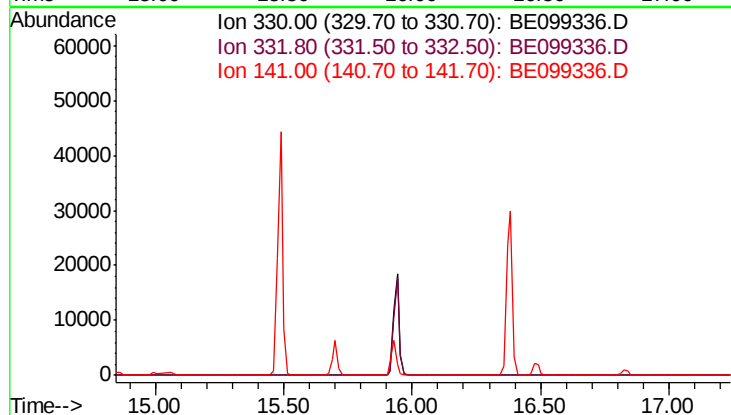




#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.94 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

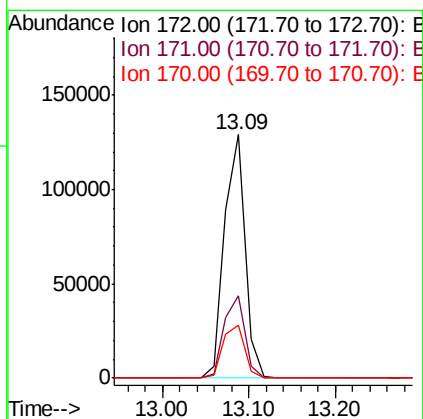
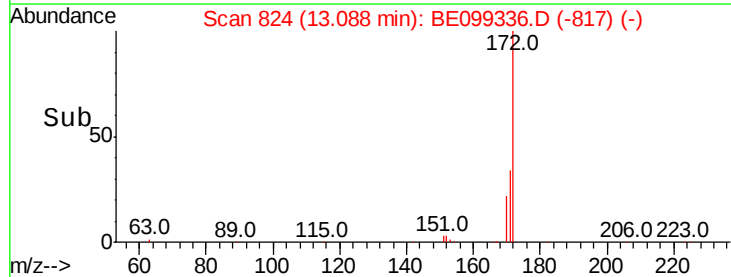
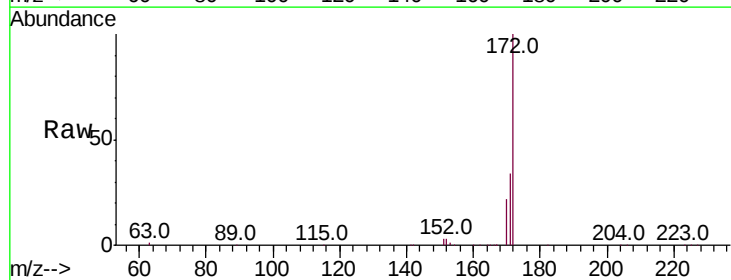
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

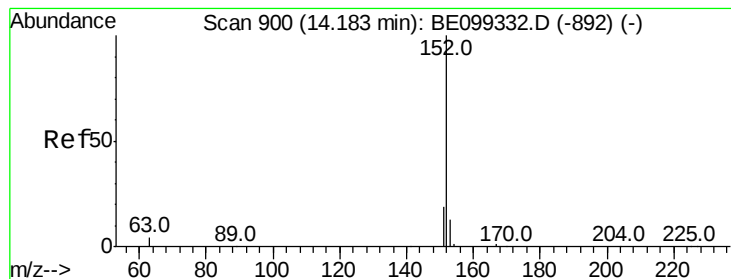
Tot Ion: 330
Sig Exp Ratio
330 100
332 103.1
141 31.1



#15
2-Fluorobiphenyl
Concen: 5.073 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

Tgt Ion:172 Resp: 212623
Ion Ratio Lower Upper
172 100
171 33.7 26.2 39.2
170 21.7 18.1 27.1





#16

Acenaphthylene

Concen: 5.393 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

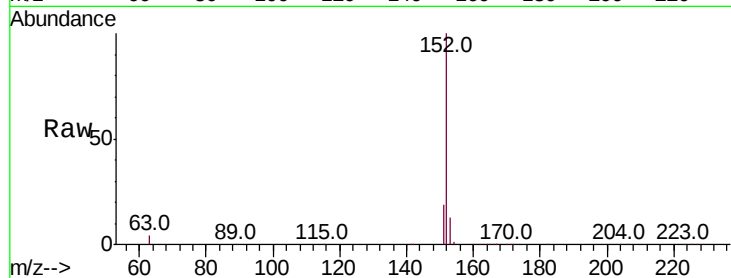
Tot Ion:152 Resp: 272442

Ion Ratio Lower Upper

152 100

151 19.8 15.5 23.3

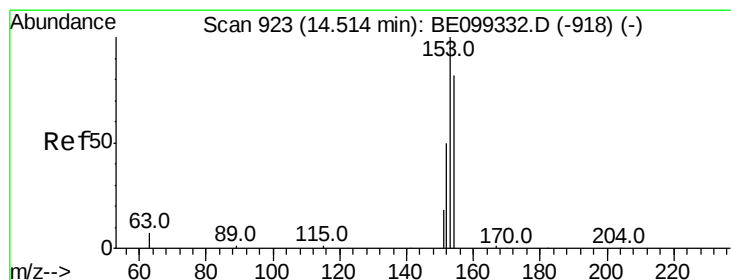
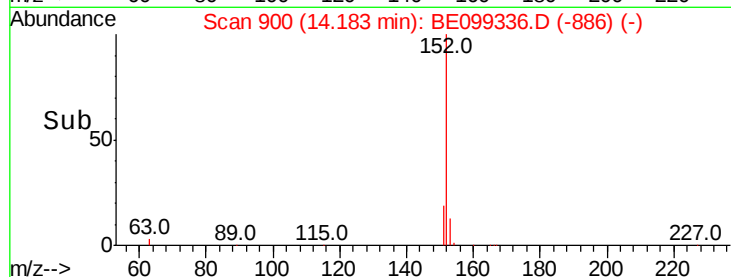
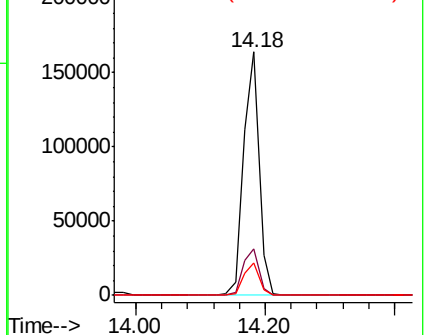
153 13.1 10.2 15.4



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: 5.180 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

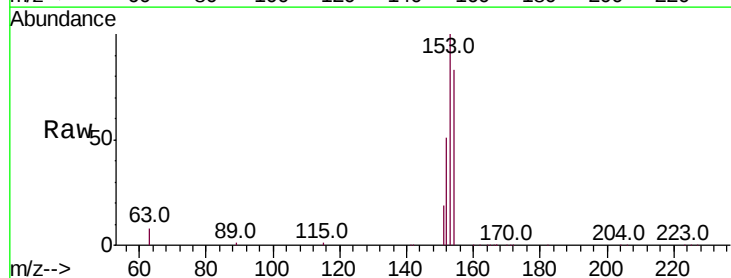
Tgt Ion:154 Resp: 154414

Ion Ratio Lower Upper

154 100

153 115.0 94.7 142.1

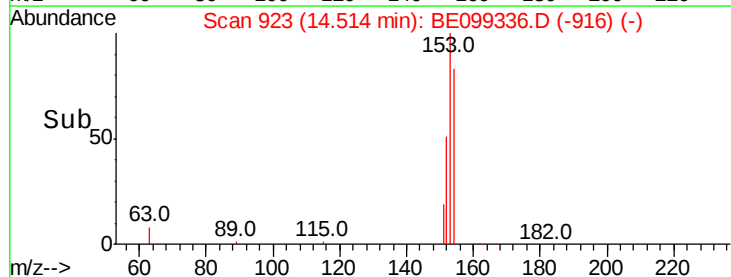
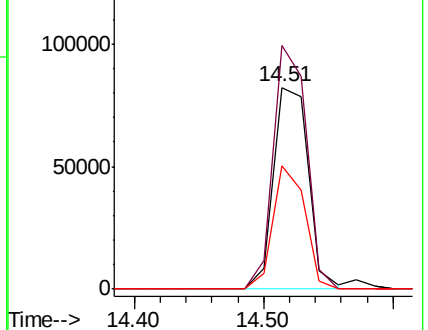
152 56.4 46.4 69.6

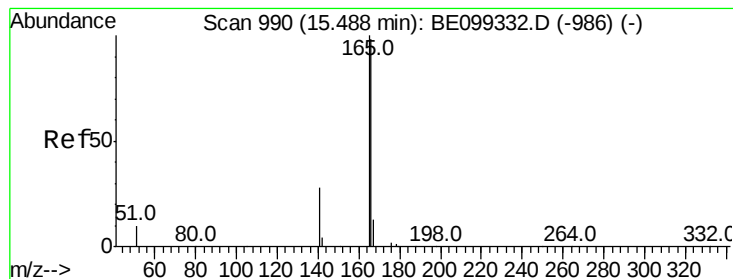


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 5.150 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDIC5.0

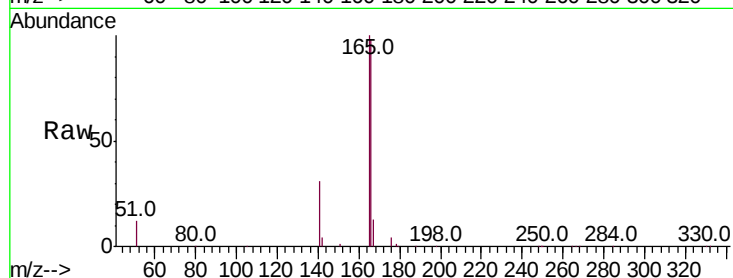
Tot Ion:166 Resp: 221782

Ion Ratio Lower Upper

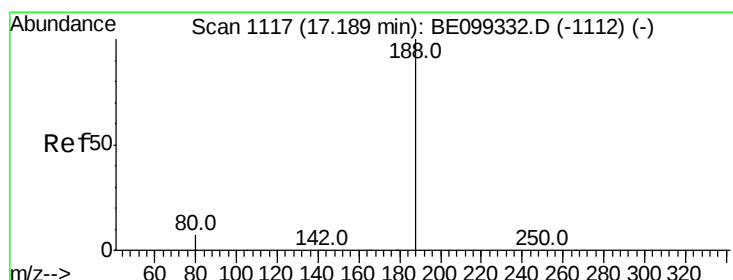
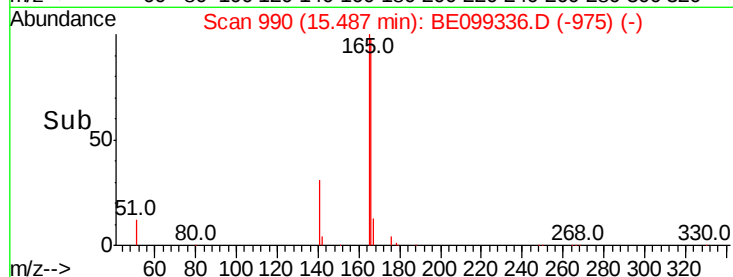
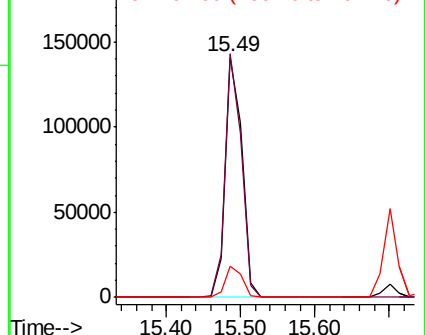
166 100

165 99.0 79.7 119.5

167 13.3 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: BE099336.D

Acq: 18 Apr 2019 12:56

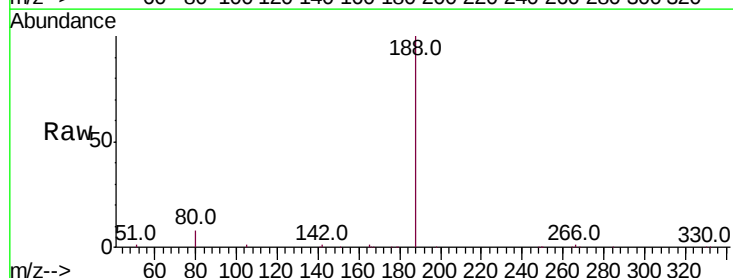
Tgt Ion:188 Resp: 29079

Ion Ratio Lower Upper

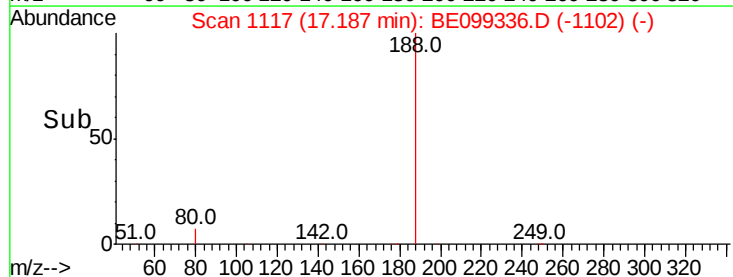
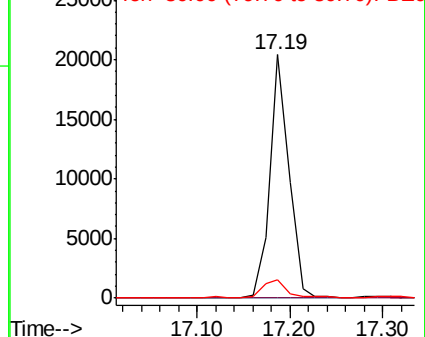
188 100

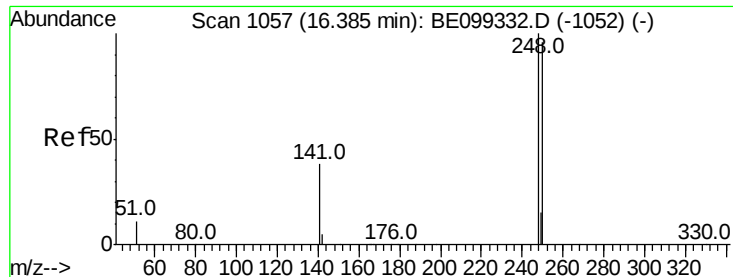
94 0.0 0.0 0.0

80 7.7 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: 5.396 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

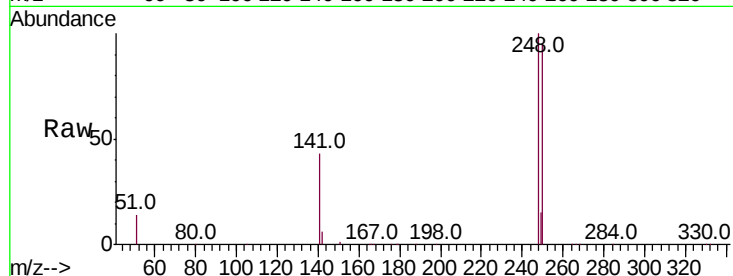
Tot Ion:248 Resp: 89060

Ion Ratio Lower Upper

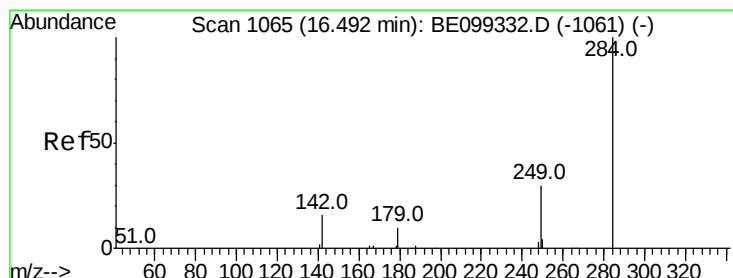
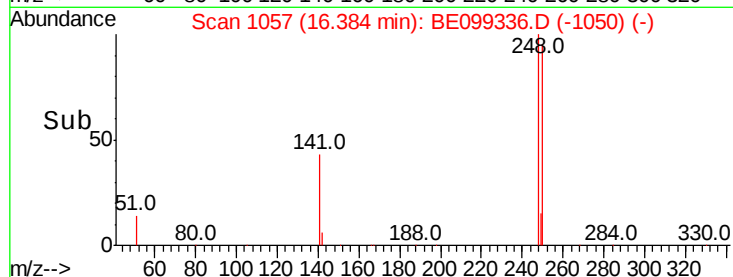
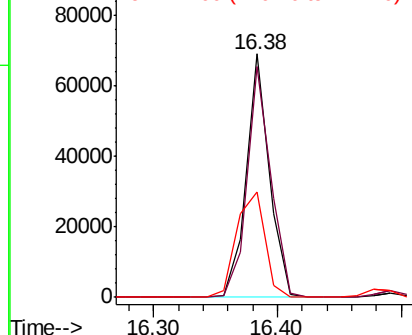
248 100

250 94.8 77.0 115.6

141 43.1 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: 5.294 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

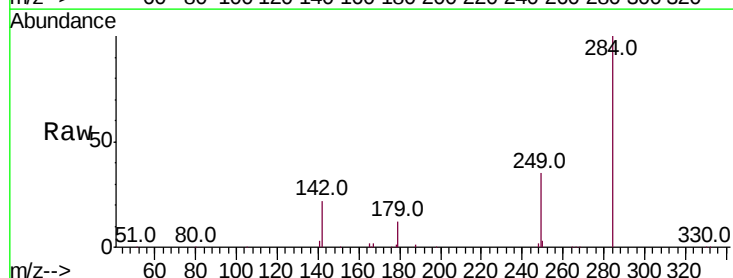
Tgt Ion:284 Resp: 83189

Ion Ratio Lower Upper

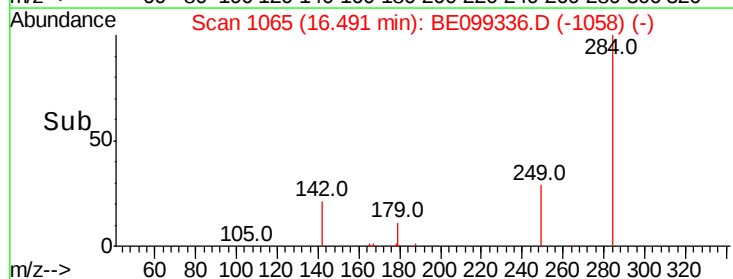
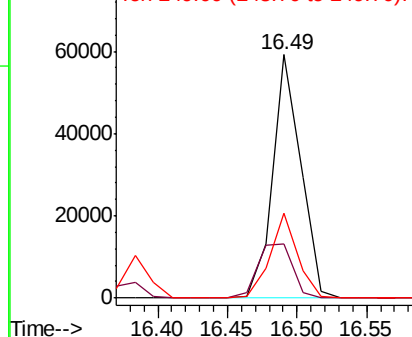
284 100

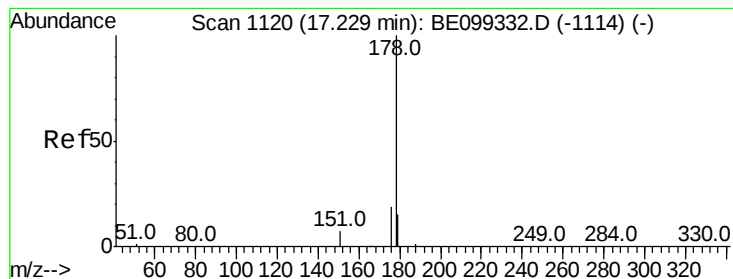
142 27.8 21.8 32.6

249 33.6 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





#23

Phenanthrene

Concen: 5.283 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

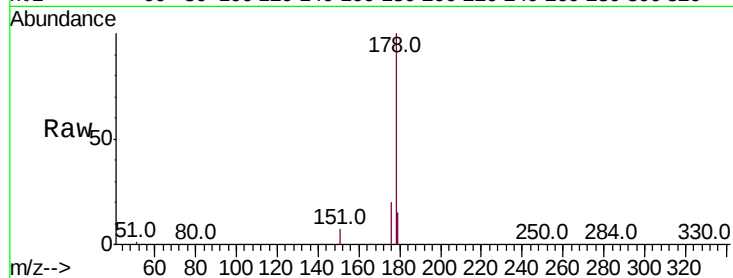
Tot Ion:178 Resp: 397625

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

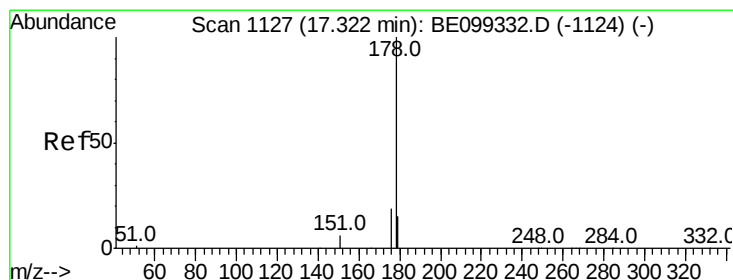
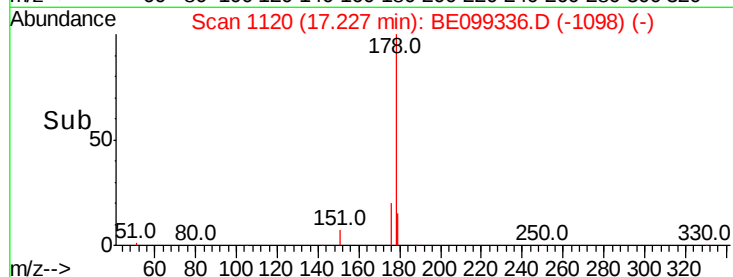
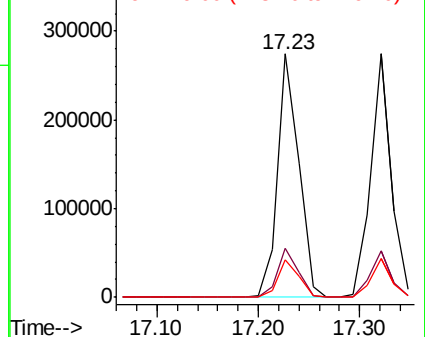
179 15.4 12.4 18.6



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: 5.391 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

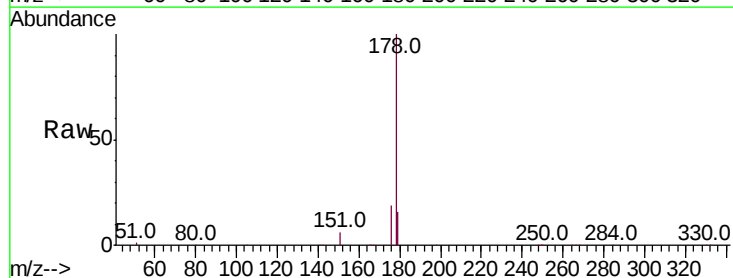
Tgt Ion:178 Resp: 382591

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

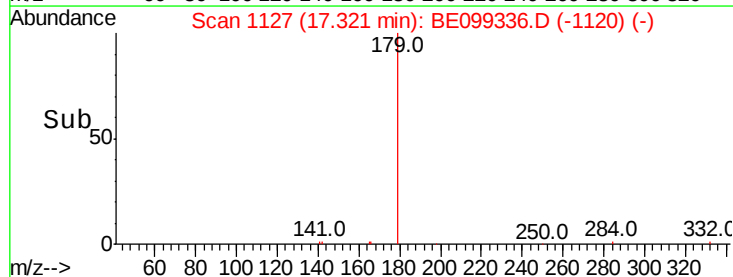
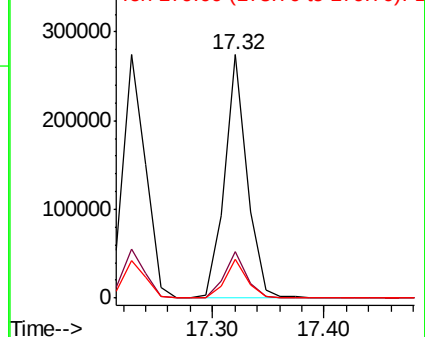
179 15.5 11.9 17.9

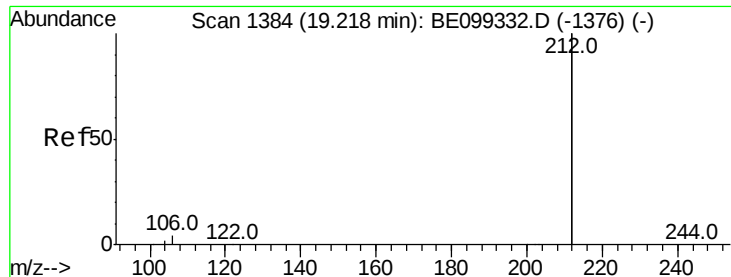


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 4.985 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

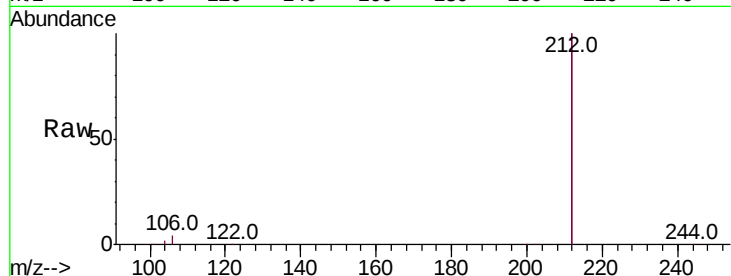
Tot Ion:212 Resp: 1913349

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.6

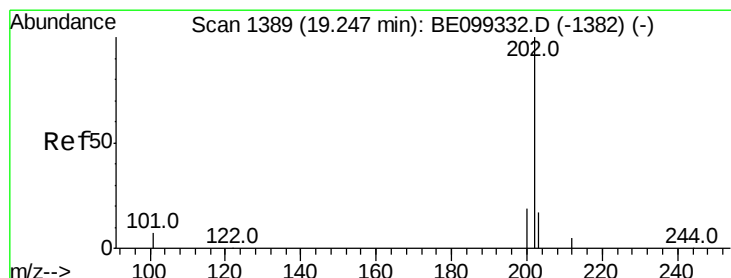
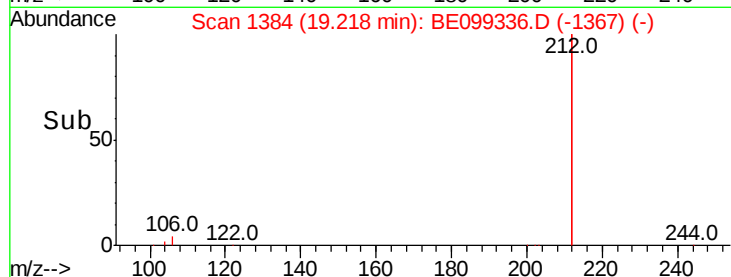
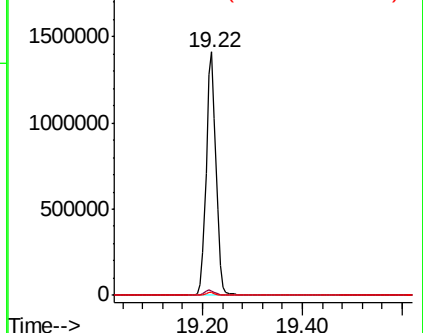
104 1.2 1.0 1.4



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: 5.094 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

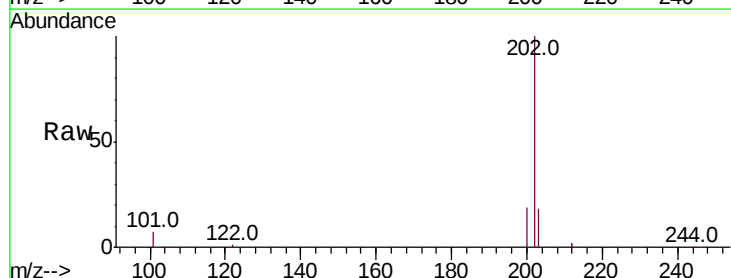
Tgt Ion:202 Resp: 565639

Ion Ratio Lower Upper

202 100

101 7.7 6.4 9.6

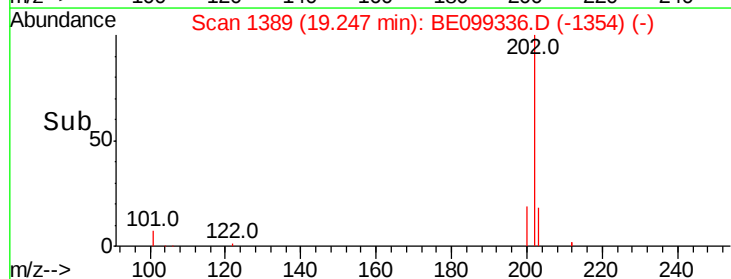
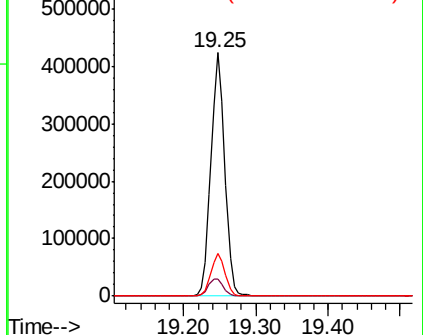
203 17.7 13.5 20.3

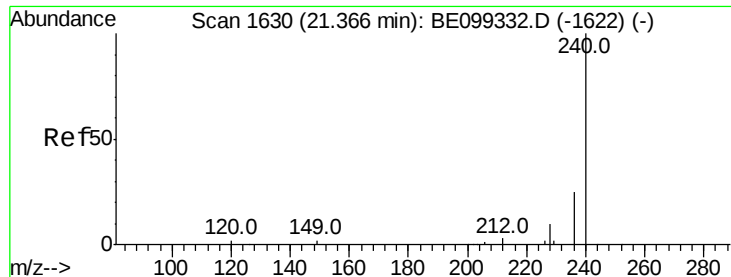


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

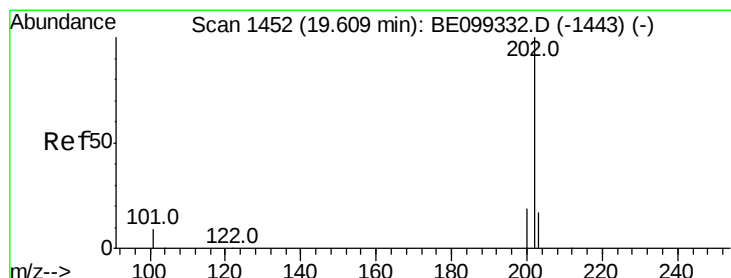
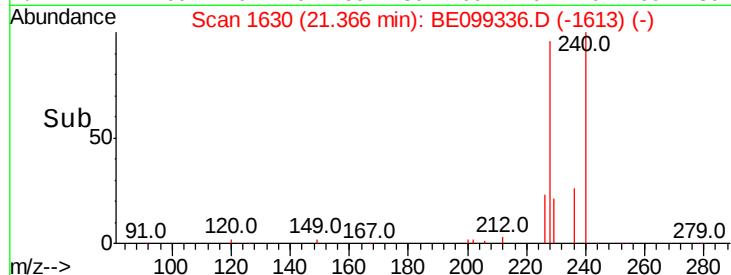
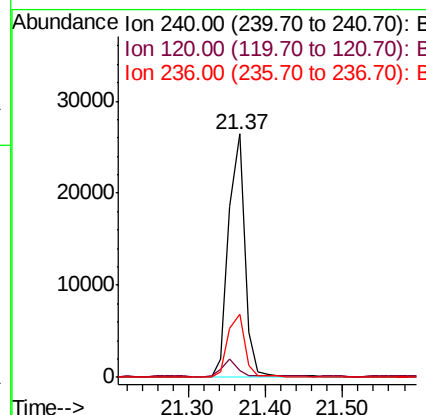
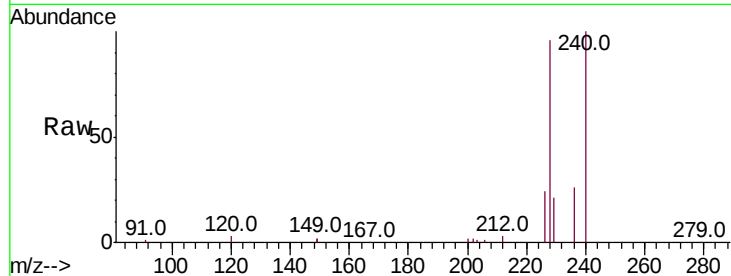




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

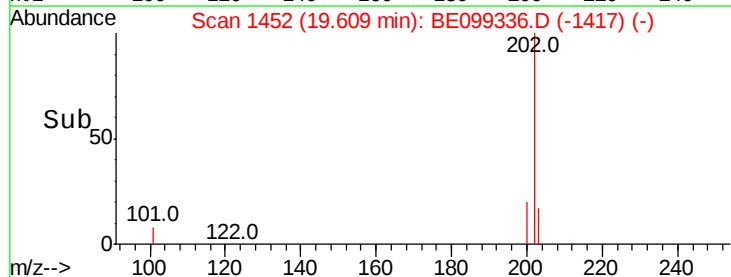
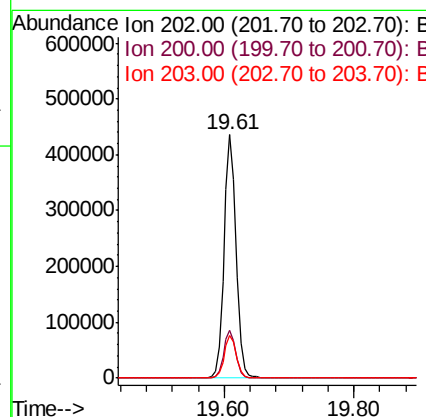
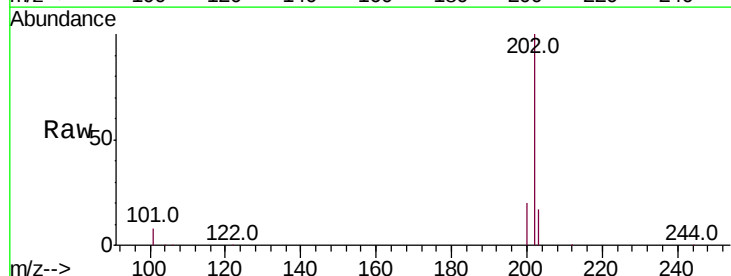
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

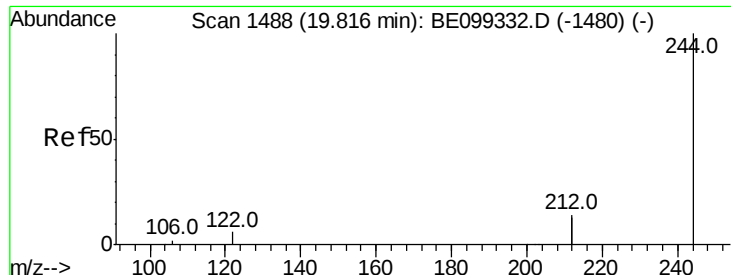
Tot Ion:240 Resp: 38627
Ion Ratio Lower Upper
240 100
120 2.9 2.2 3.2
236 26.1 20.2 30.4



#28
Pyrene
Concen: 5.591 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

Tgt Ion:202 Resp: 570376
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.6 13.7 20.5





#29

Terphenyl-d14

Concen: 5.426 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

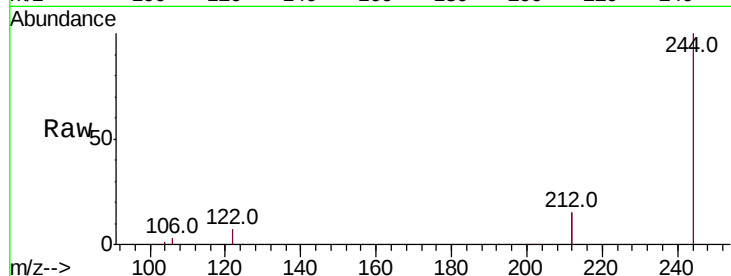
Tot Ion:244 Resp: 382359

Ion Ratio Lower Upper

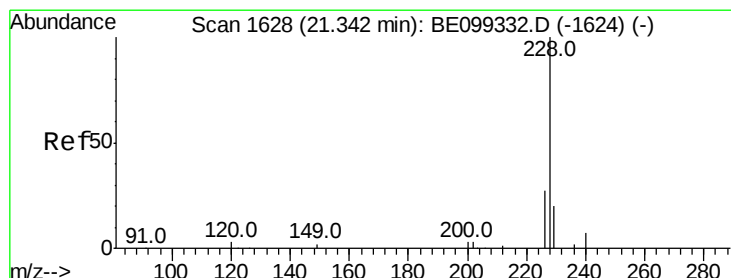
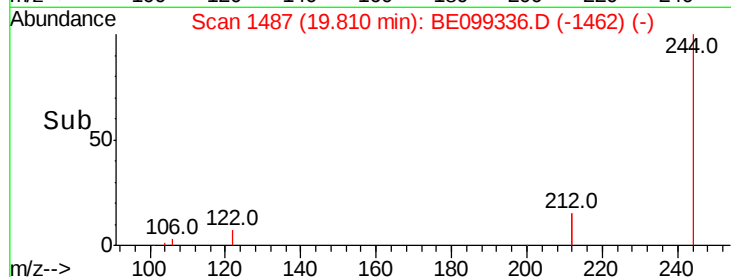
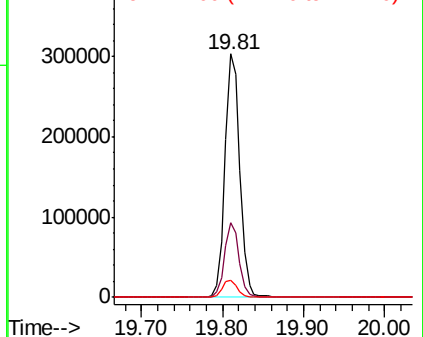
244 100

212 30.9 22.6 33.8

122 7.1 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: 4.883 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

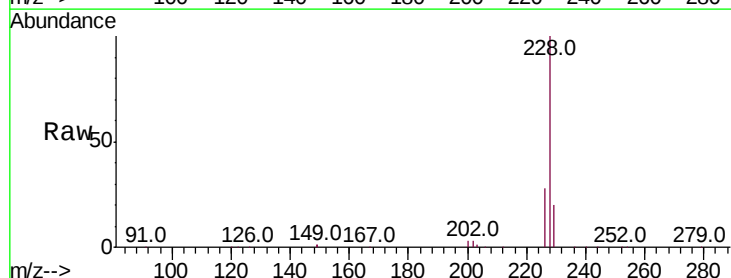
Tgt Ion:228 Resp: 593817

Ion Ratio Lower Upper

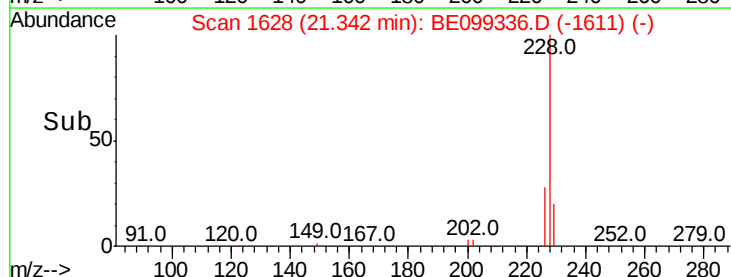
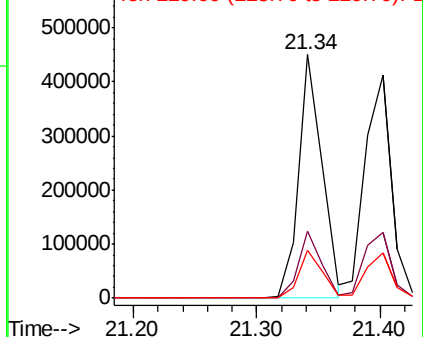
228 100

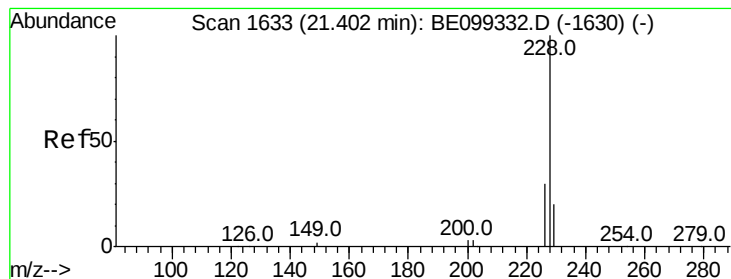
226 27.5 22.0 33.0

229 19.8 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: 5.141 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

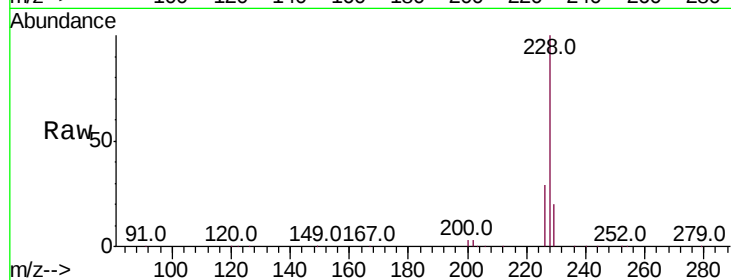
BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:228 Resp: 613170

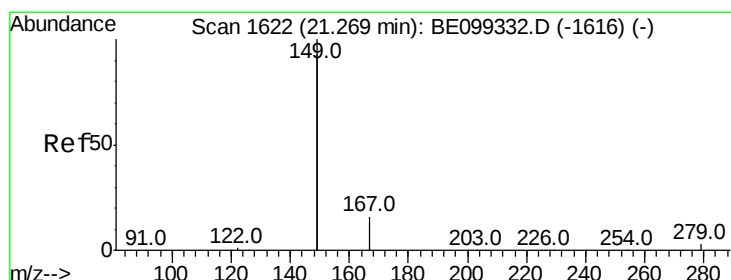
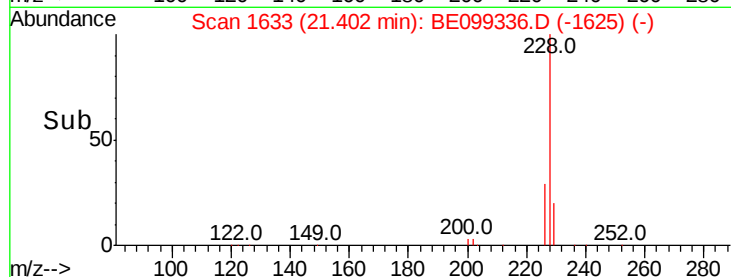
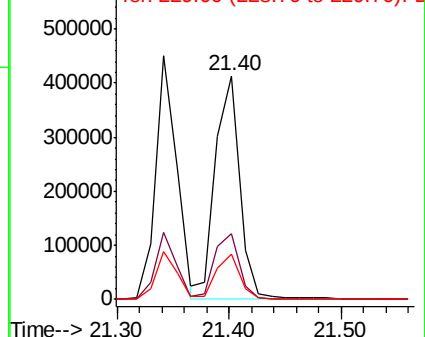
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	20.1	16.2	24.2



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: 4.428 ng

RT: 21.27 min Scan# 1622

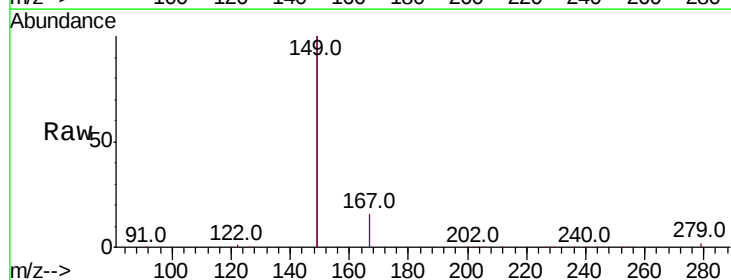
Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Tgt Ion:149 Resp: 686371

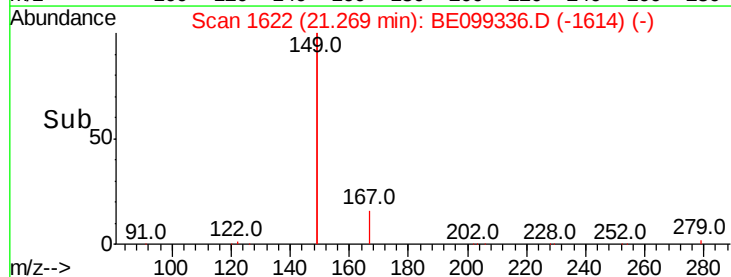
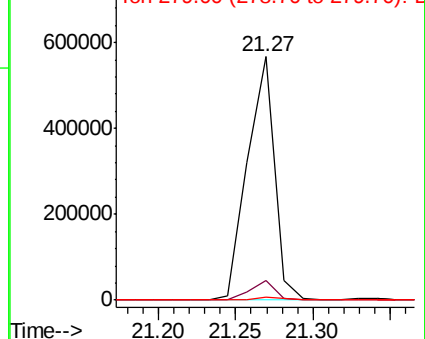
Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.2	1.1	1.7

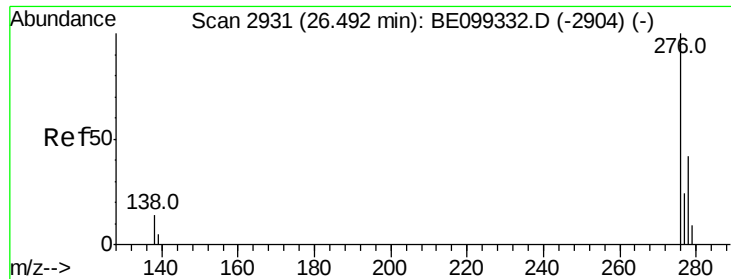


Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.511 ng

RT: 26.49 min Scan# 2932

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

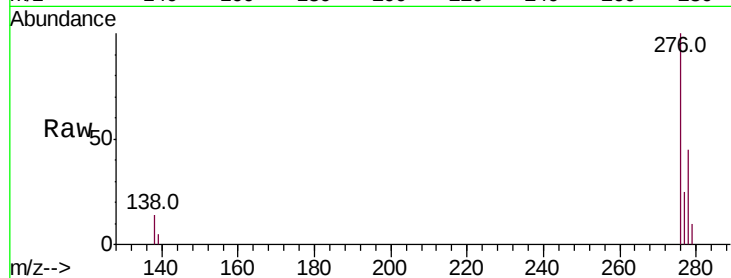
Tot Ion:276 Resp: 614940

Ion Ratio Lower Upper

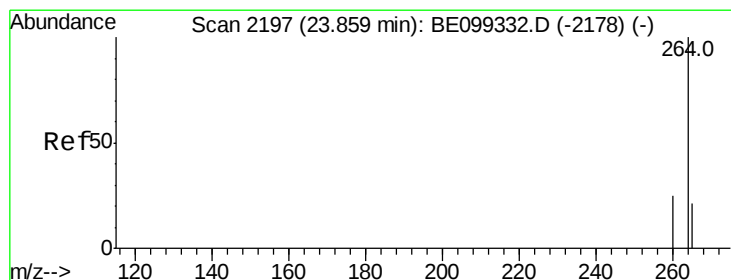
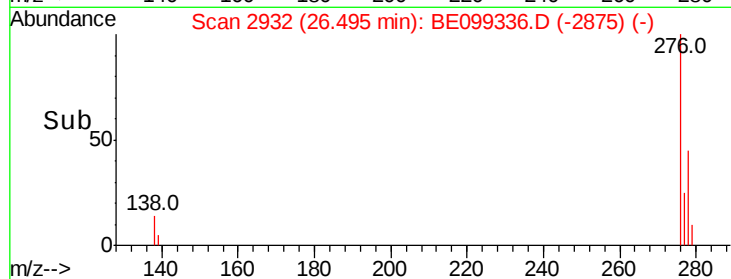
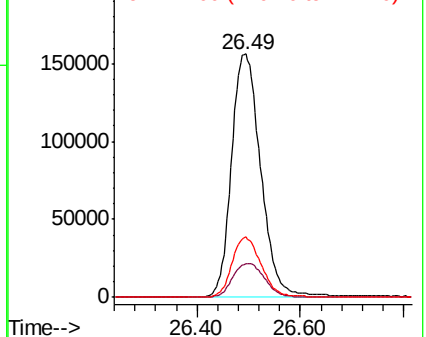
276 100

138 15.1 12.7 19.1

277 24.9 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: BE099336.D

Acq: 18 Apr 2019 12:56

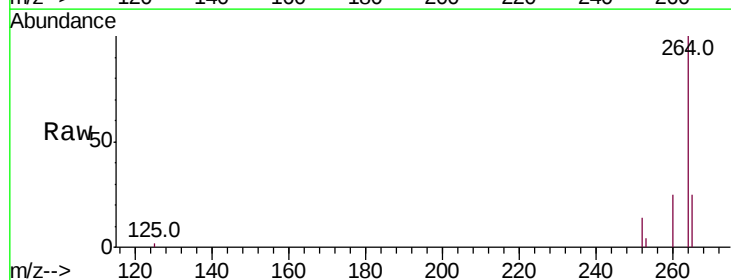
Tgt Ion:264 Resp: 33507

Ion Ratio Lower Upper

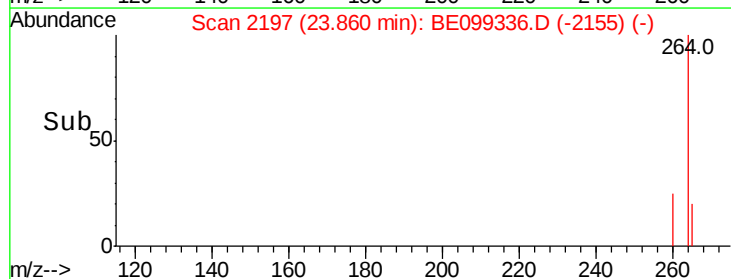
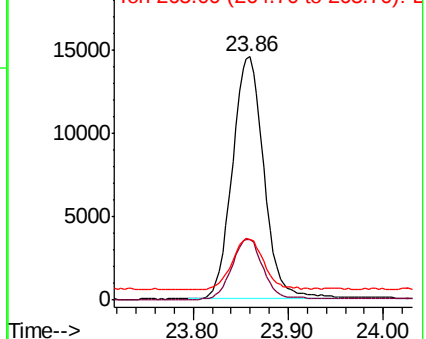
264 100

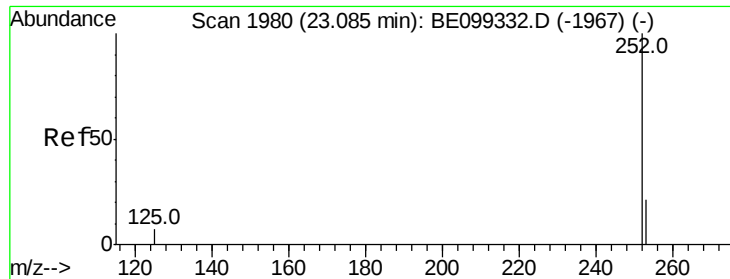
260 24.8 20.1 30.1

265 24.7 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

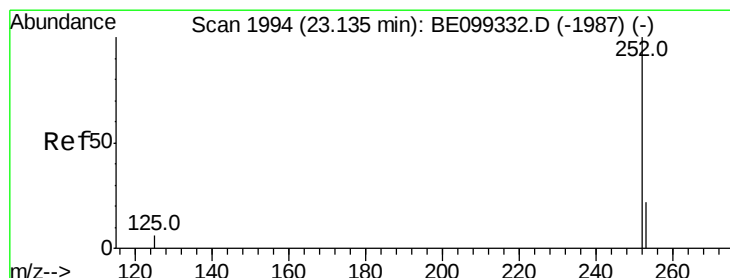
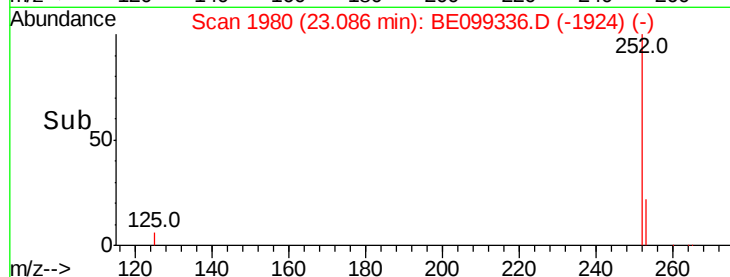
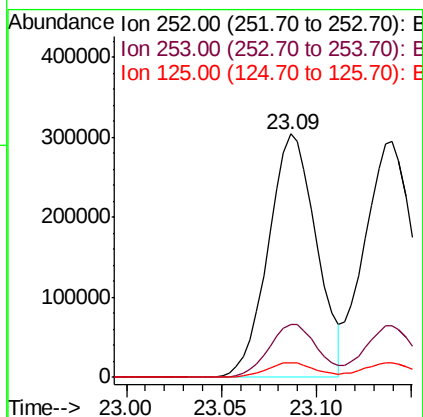
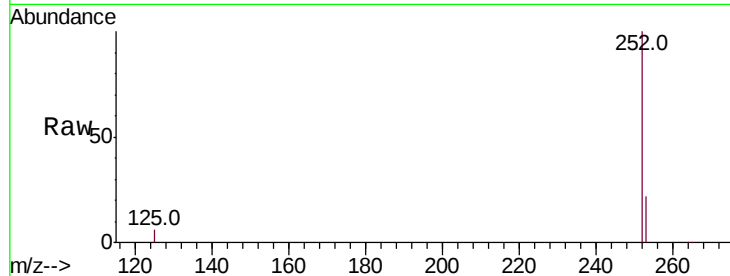




#35
Benzo(b)fluoranthene
Concen: 5.327 ng
RT: 23.09 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

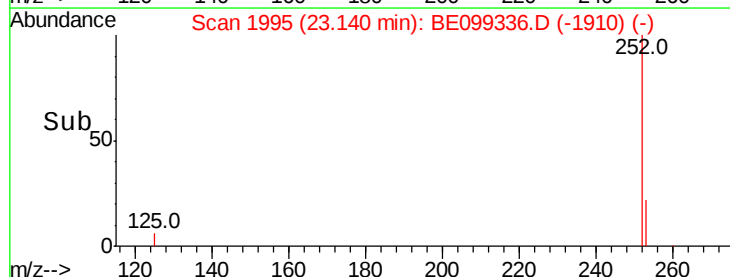
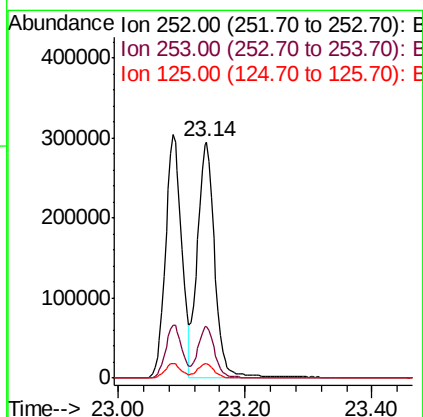
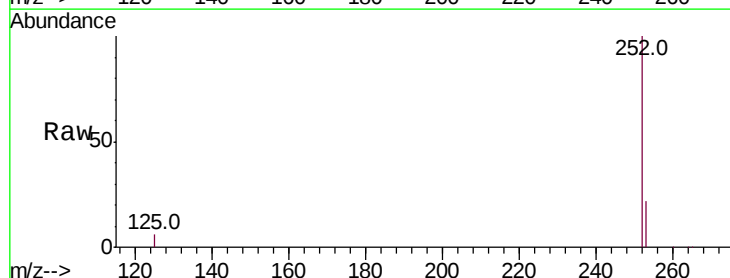
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

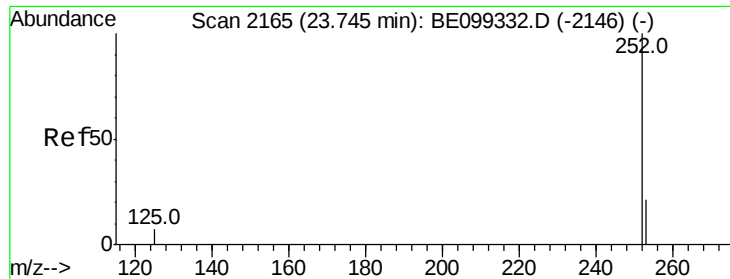
Tot Ion:252 Resp: 532583
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 6.0 5.8 8.6



#36
Benzo(k)fluoranthene
Concen: 5.727 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

Tgt Ion:252 Resp: 557262
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 5.9 5.4 8.0

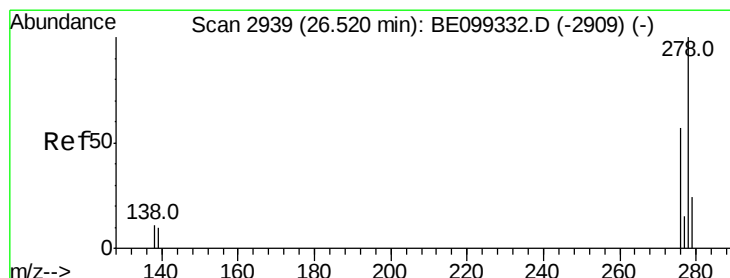
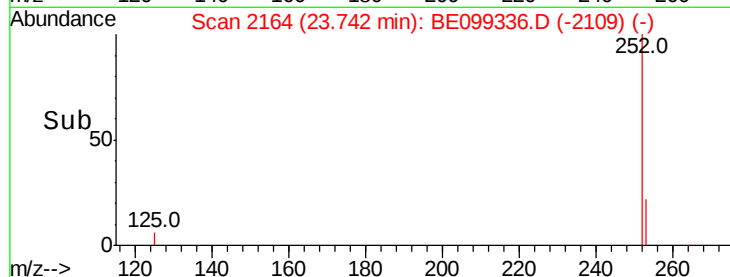
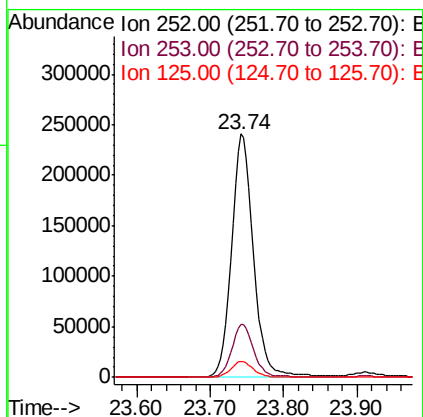
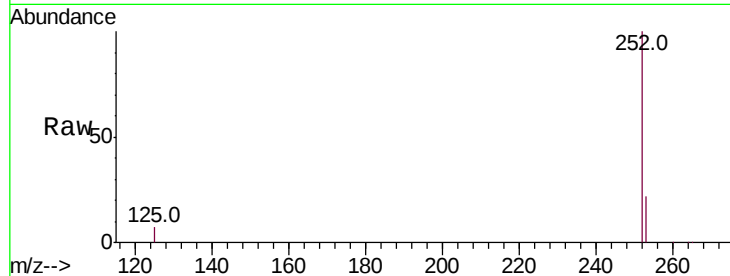




#37
Benzo(a)pyrene
Concen: 5.319 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

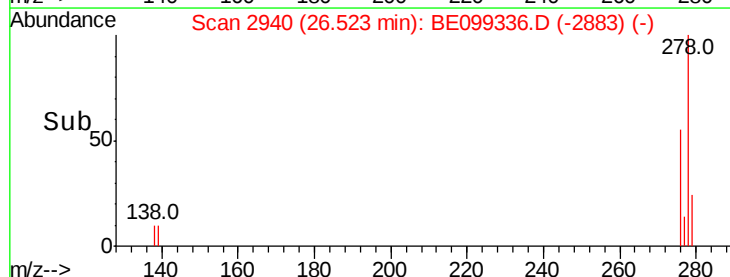
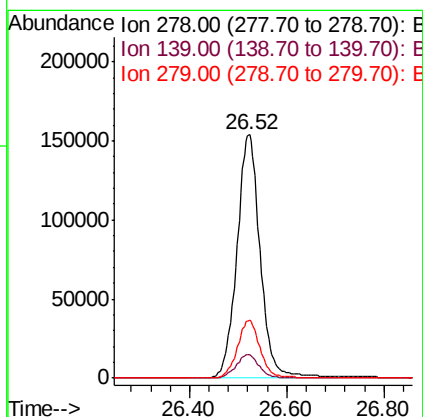
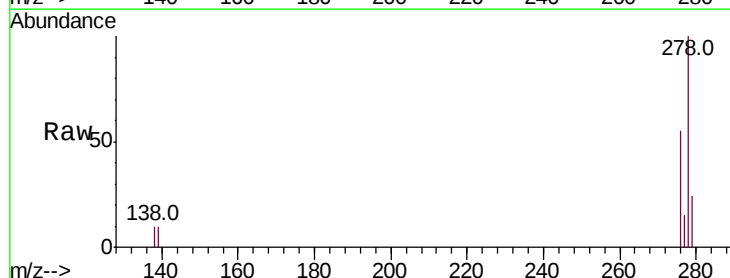
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

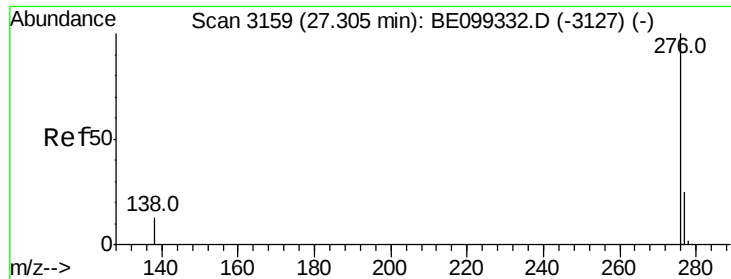
Tot Ion:252 Resp: 499928
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 6.5 6.5 9.7



#38
Dibenzo(a,h)anthracene
Concen: 5.479 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE099336.D
Acq: 18 Apr 2019 12:56

Tgt Ion:278 Resp: 512113
Ion Ratio Lower Upper
278 100
139 9.6 8.5 12.7
279 23.8 19.8 29.8





#39

Benzo(a,h,i)perylene

Concen: 5.446 ng

RT: 27.31 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BE099336.D

Acq: 18 Apr 2019 12:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

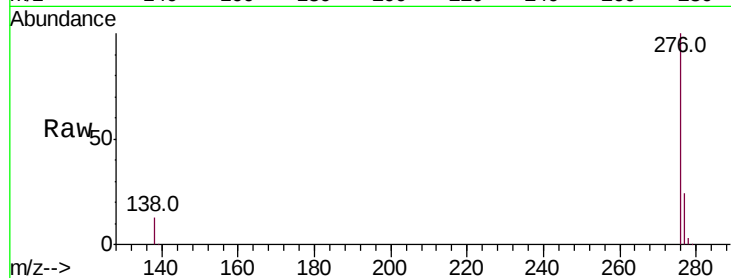
Tot Ion:276 Resp: 507238

Ion Ratio Lower Upper

276 100

277 24.0 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

