

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
 Data File : BE099131.D
 Acq On : 24 Mar 2019 3:45
 Operator : JU/SJ
 Sample : K1948-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: Mar 24 23:01:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 04:40:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3664	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13823	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	9086	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	26367	0.40	ng	0.00
27) Chrysene-d12	21.38	240	34949	0.40	ng	-0.01
34) Perylene-d12	23.89	264	38082	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	4278	0.39	ng	0.00
5) Phenol-d6	7.00	99	6051	0.39	ng	0.00
8) Nitrobenzene-d5	8.99	82	4536	0.75	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8601	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1844	0.69	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	12035	0.33	ng	-0.01
25) Fluoranthene-d10	19.24	212	115861	0.33	ng	0.00
29) Terphenyl-d14	19.83	244	18631	0.25	ng	0.00

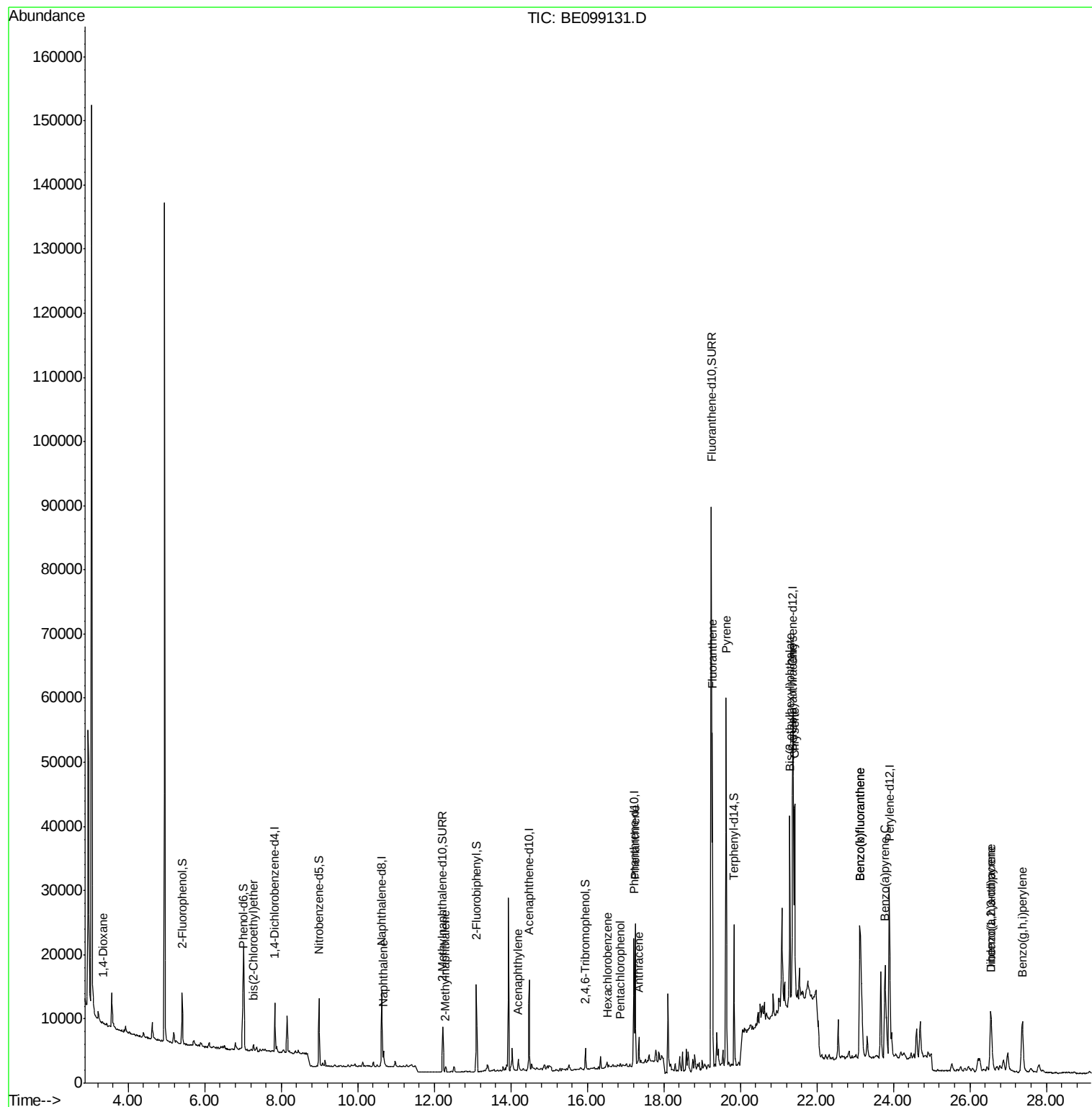
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	118	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	7.27	93	1454	0.114	ng	# 1
9) Naphthalene	10.68	128	3763	0.023	ng	# 94
12) 2-Methylnaphthalene	12.30	142	602	0.022	ng	# 94
16) Acenaphthylene	14.20	152	2566	0.053	ng	# 93
21) Hexachlorobenzene	16.52	284	382	0.028	ng	# 87
22) Pentachlorophenol	16.87	266	92	0.268	ng	# 94
23) Phenanthrene	17.25	178	21720	0.277	ng	# 98
24) Anthracene	17.35	178	2038	0.028	ng	# 92
26) Fluoranthene	19.27	202	47419	0.430	ng	# 98
28) Pyrene	19.63	202	55708	0.470	ng	# 96
30) Benzo(a)anthracene	21.37	228	26330	0.214	ng	# 95
31) Chrysene	21.43	228	34477	0.280	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.29	149	32190	0.201	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.54	276	18834	0.142	ng	# 96
35) Benzo(b)fluoranthene	23.12	252	40103	0.304	ng	# 88
36) Benzo(k)fluoranthene	23.12	252	40103	0.311	ng	# 90
37) Benzo(a)pyrene	23.78	252	25823	0.212	ng	# 96
38) Dibenzo(a,h)anthracene	26.57	278	5410	0.046	ng	# 62
39) Benzo(g,h,i)perylene	27.37	276	20386	0.168	ng	# 96

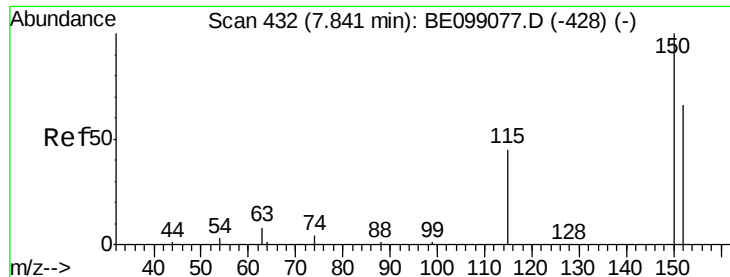
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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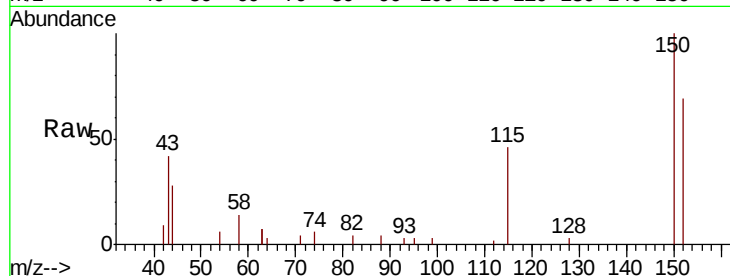




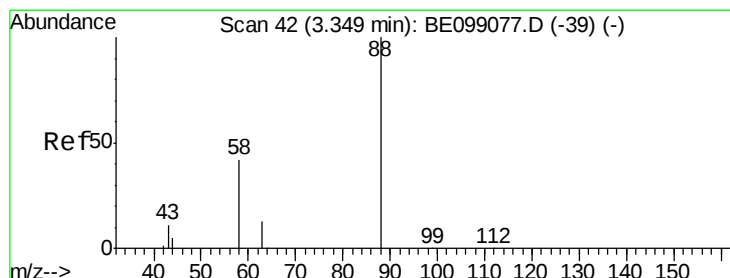
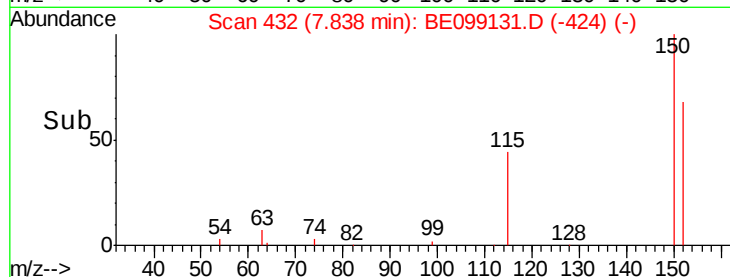
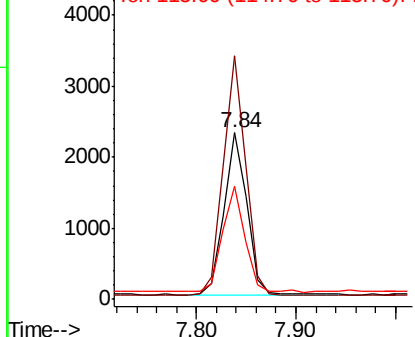
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.84 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BE099131.D
 Acq: 24 Mar 2019 3:45

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Tgt Ion: 152 Resp: 3664
 Ion Ratio Lower Upper
 152 100
 150 146.0 122.5 183.7
 115 67.6 57.4 86.2

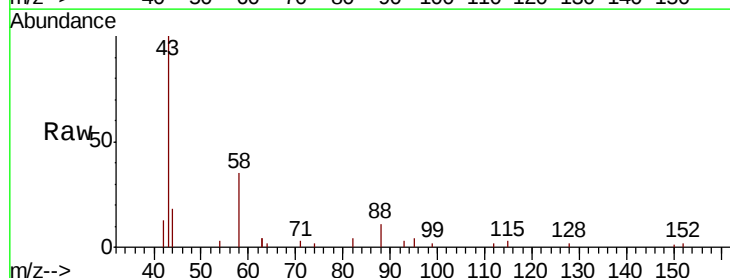


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

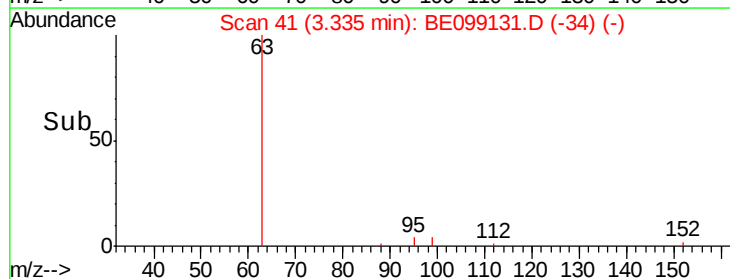
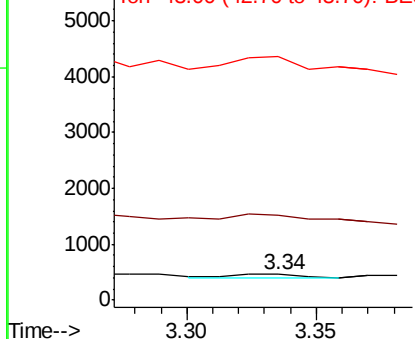


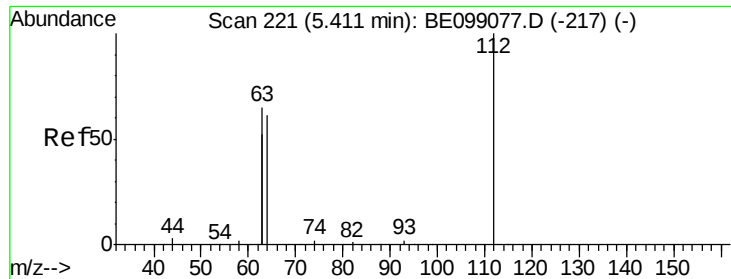
#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.34 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: BE099131.D
 Acq: 24 Mar 2019 3:45

Tgt Ion: 88 Resp: 118
 Ion Ratio Lower Upper
 88 100
 58 336.4 52.0 78.0#
 43 655.9 24.0 36.0#



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: 0.392 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

DFTPP

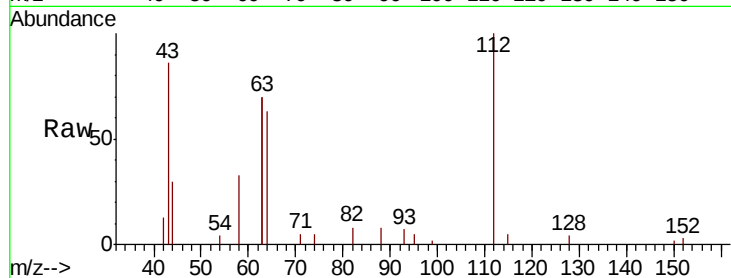
Tgt Ion: 112 Resp: 4278

Ion Ratio Lower Upper

112 100

64 57.3 57.9 86.9#

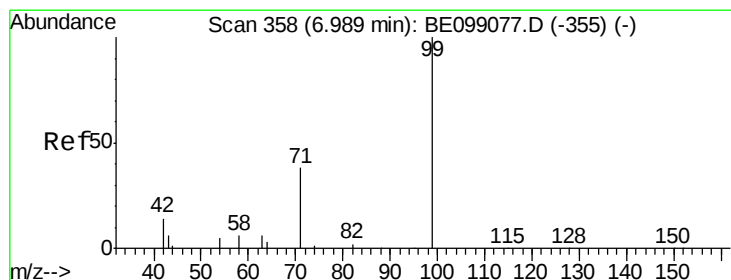
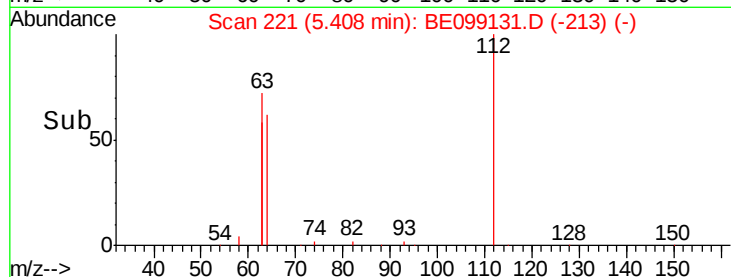
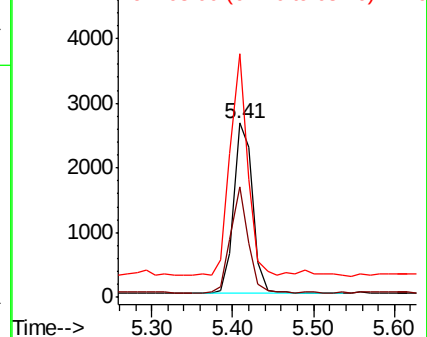
63 118.7 158.3 237.5#



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: 0.385 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

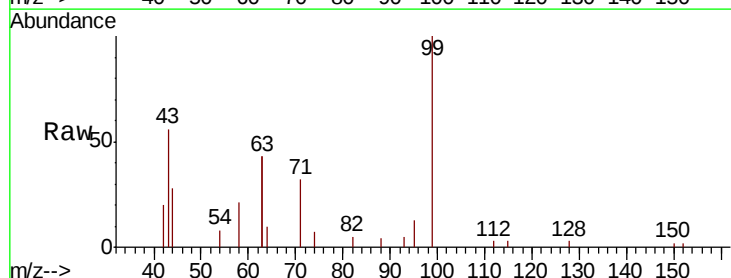
Tgt Ion: 99 Resp: 6051

Ion Ratio Lower Upper

99 100

42 29.6 24.2 36.2

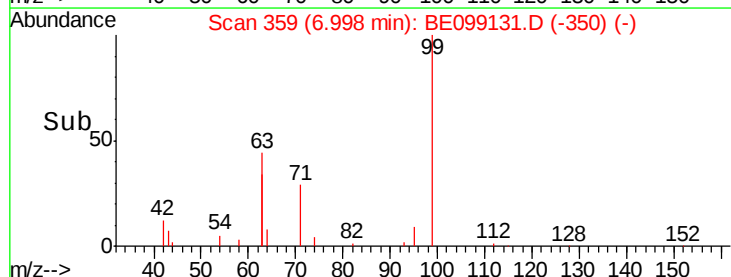
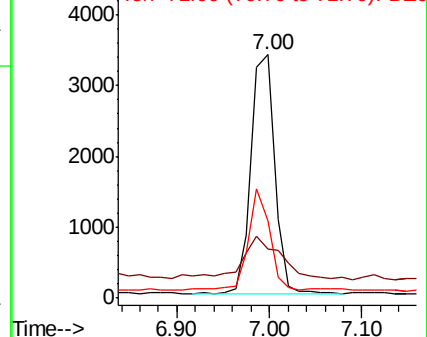
71 38.5 35.7 53.5

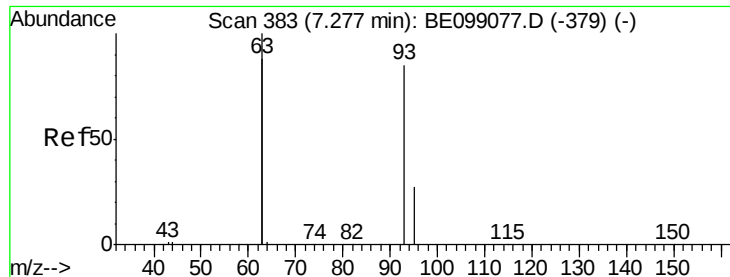


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.114 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

DFTPP

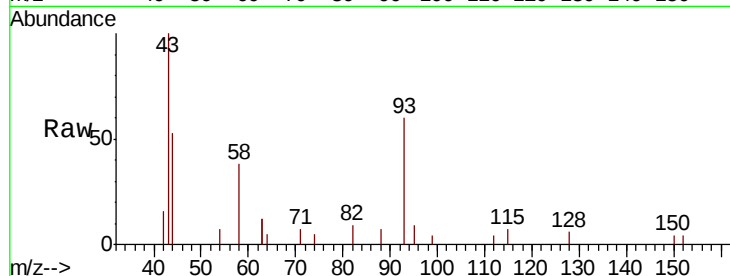
Tgt Ion: 93 Resp: 1454

Ion Ratio Lower Upper

93 100

63 0.0 247.5 371.3#

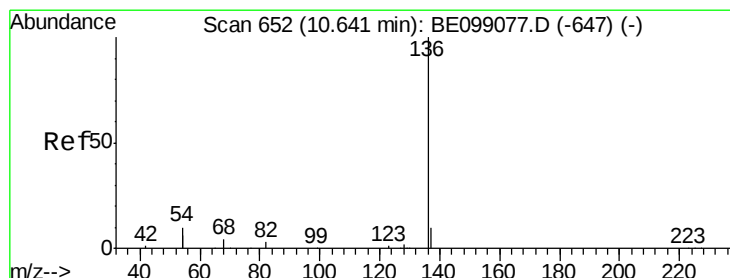
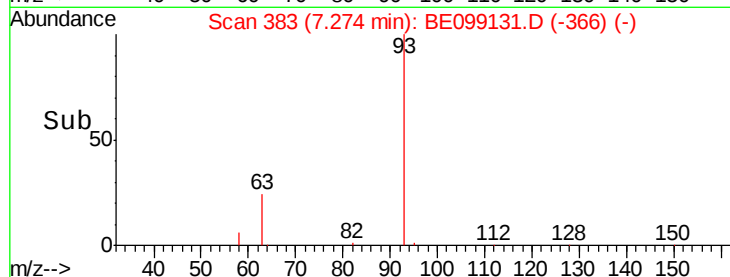
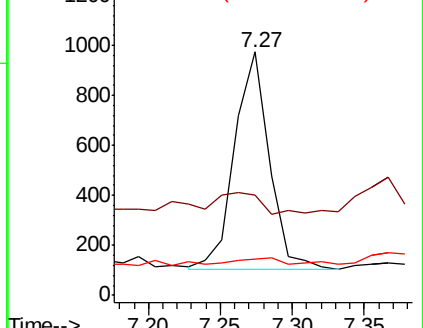
95 5.5 21.8 32.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

Tgt Ion: 136 Resp: 13823

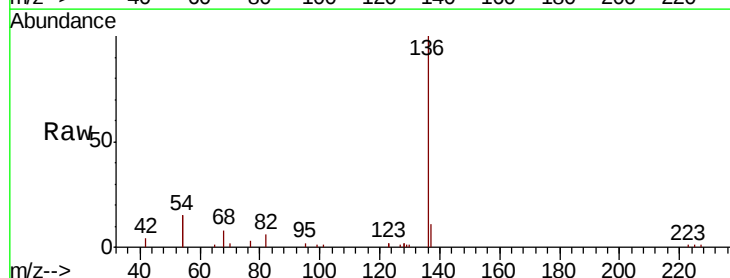
Ion Ratio Lower Upper

136 100

137 11.1 11.4 17.0#

54 29.5 39.3 58.9#

68 8.1 6.7 10.1

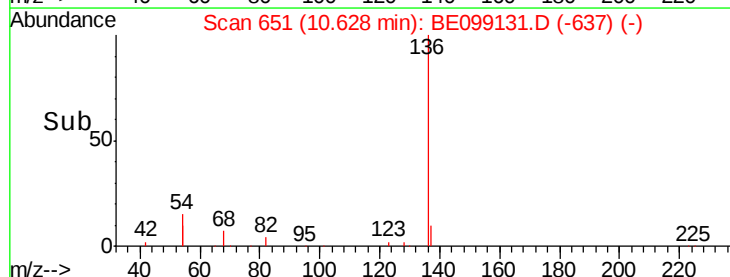
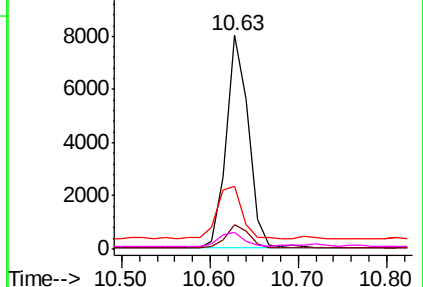


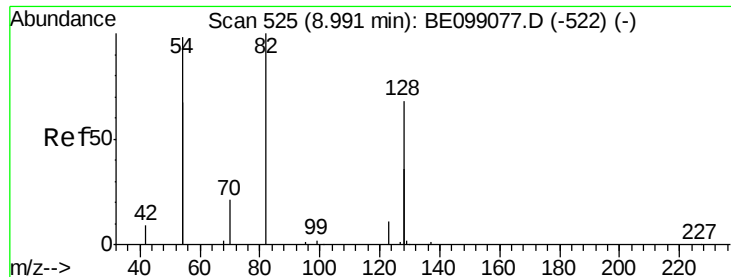
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.751 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

DFTPP

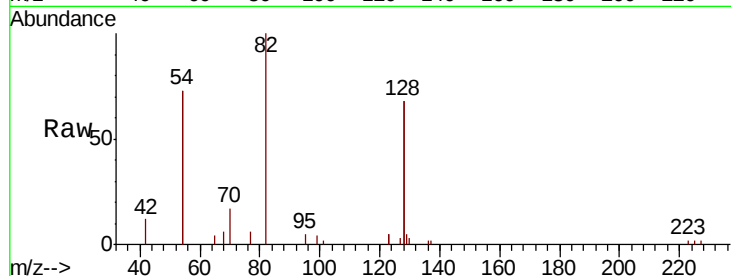
Tgt Ion: 82 Resp: 4536

Ion Ratio Lower Upper

82 100

128 136.0 123.8 185.8

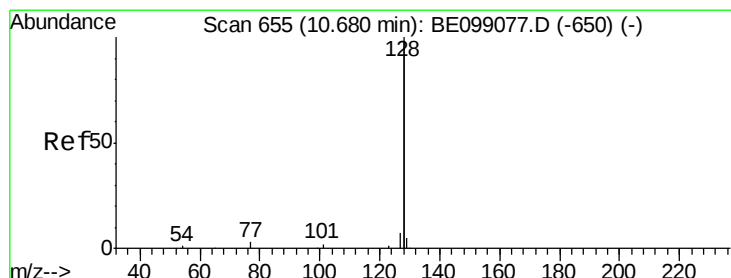
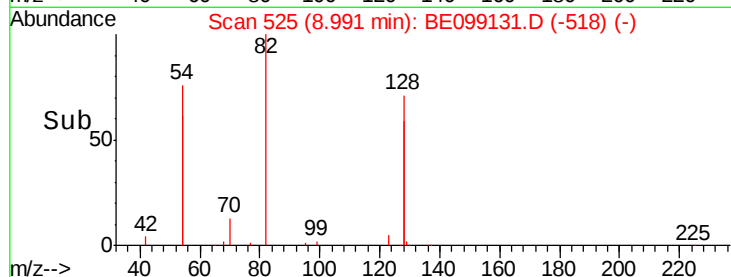
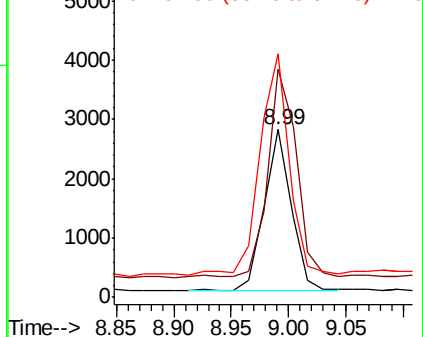
54 145.0 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.023 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

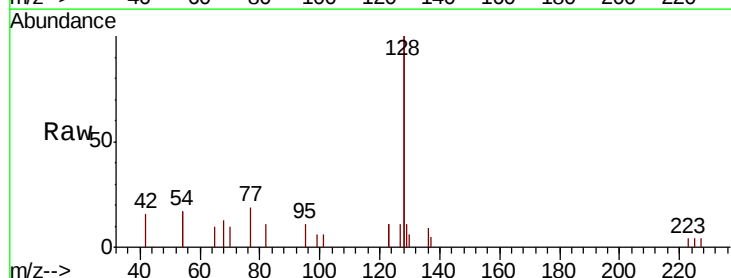
Tgt Ion: 128 Resp: 3763

Ion Ratio Lower Upper

128 100

129 5.3 2.6 4.0#

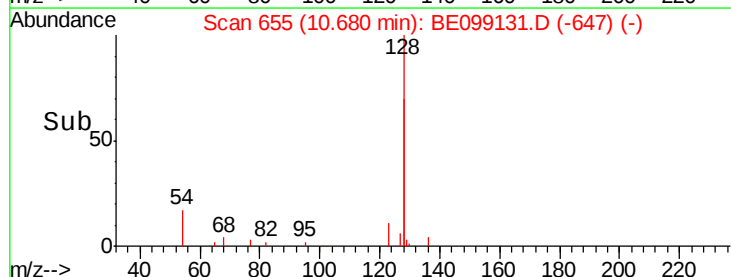
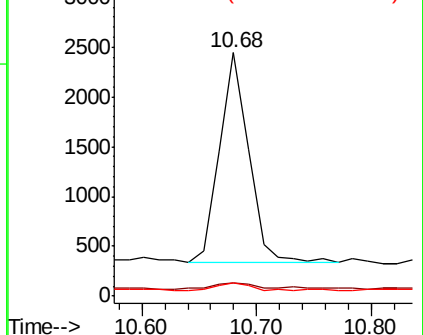
127 5.6 3.1 4.7#

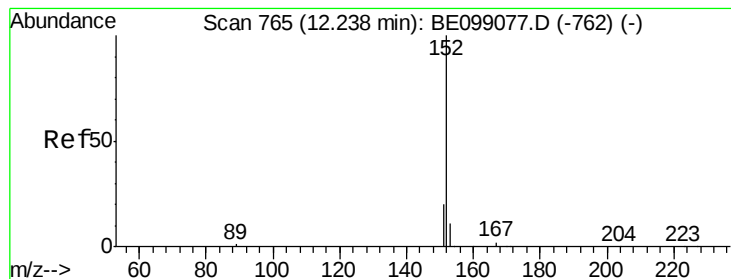


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

Instrument :

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ClientSampleId :

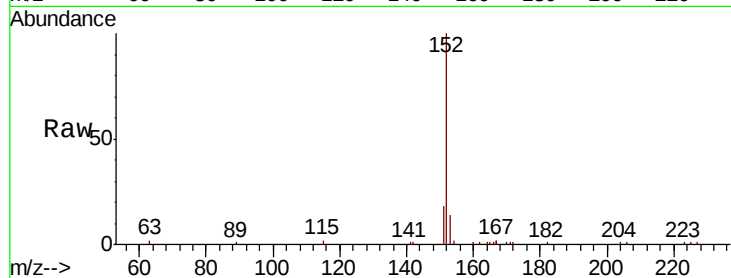
DFTPP

Tgt Ion:152 Resp: 8601

Ion Ratio Lower Upper

152 100

151 19.4 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

6000

5000

4000

3000

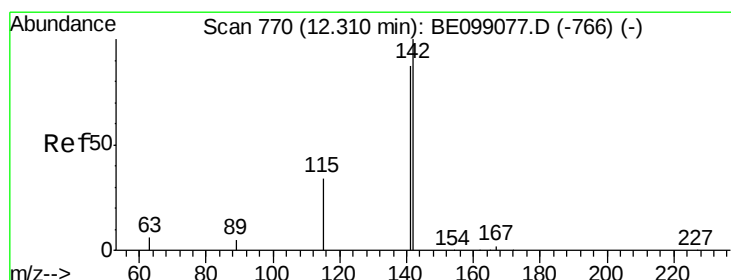
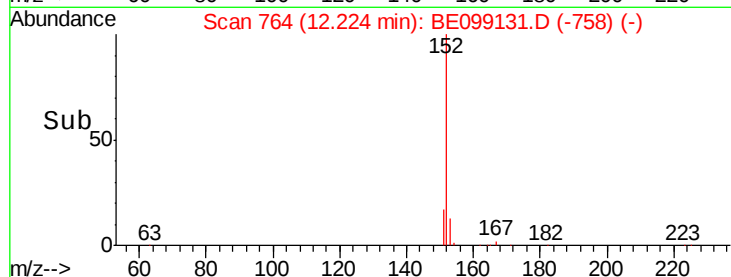
2000

1000

0

Time-->

12.10 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.022 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.01 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

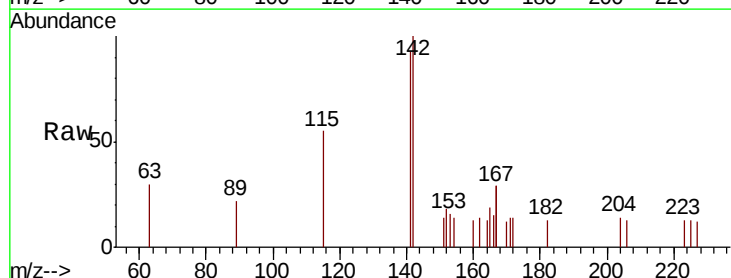
Tgt Ion:142 Resp: 602

Ion Ratio Lower Upper

142 100

141 93.3 72.6 108.8

115 54.7 37.4 56.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

600

500

400

300

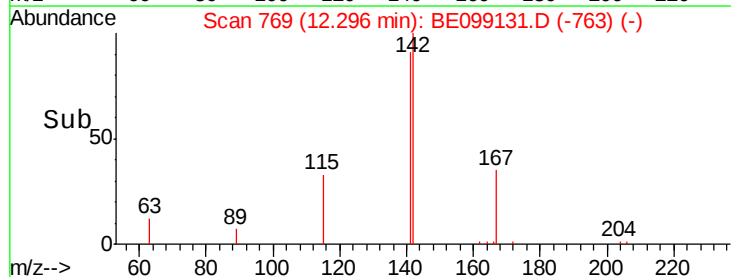
200

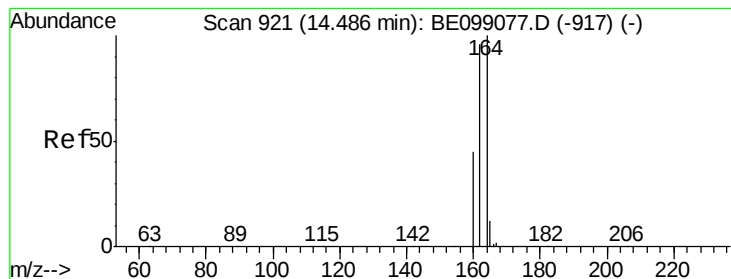
100

0

Time-->

12.20 12.30 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

Instrument :

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DFTPP

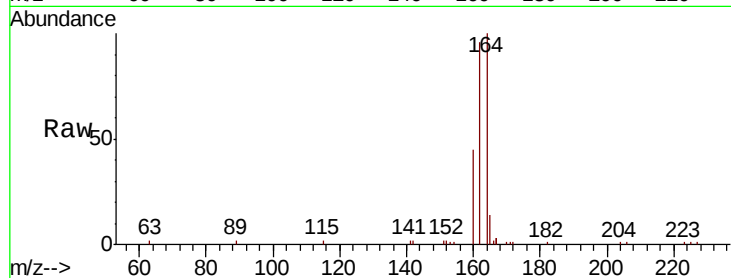
Tgt Ion:164 Resp: 9086

Ion Ratio Lower Upper

164 100

162 95.9 80.2 120.2

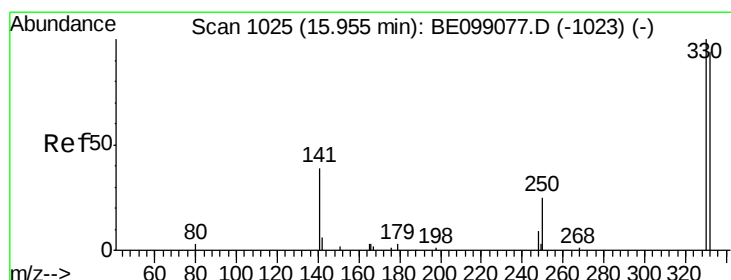
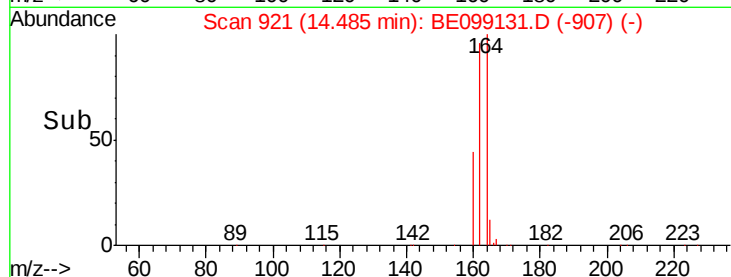
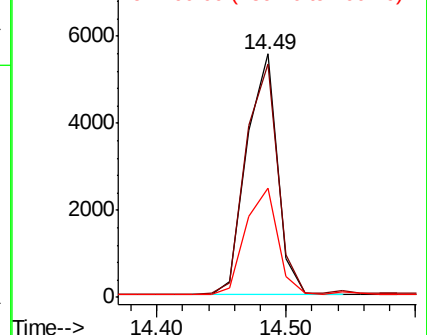
160 44.9 37.8 56.8



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: 0.690 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

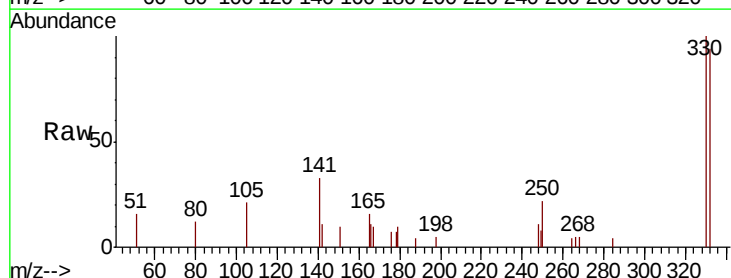
Tgt Ion:330 Resp: 1844

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

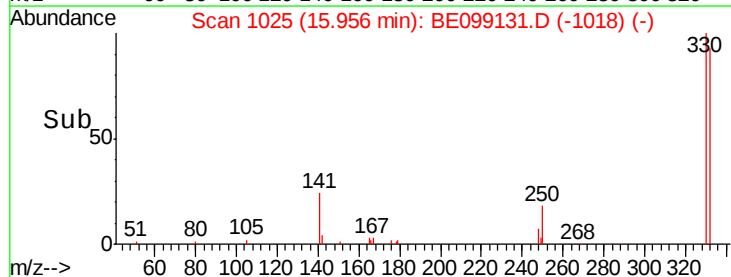
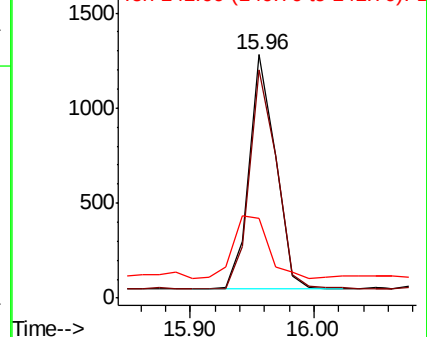
141 35.0 31.0 46.4

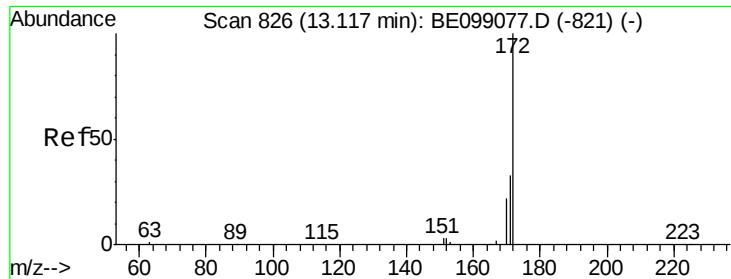


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

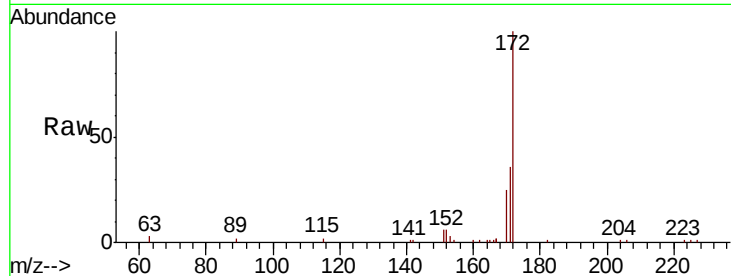




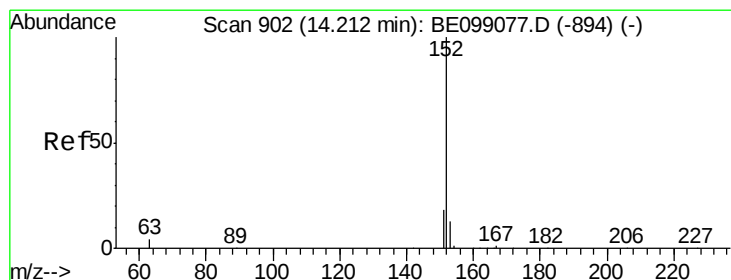
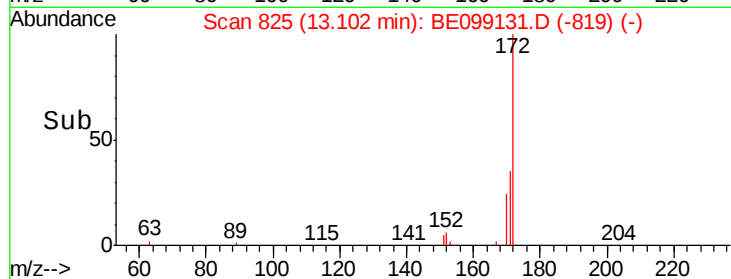
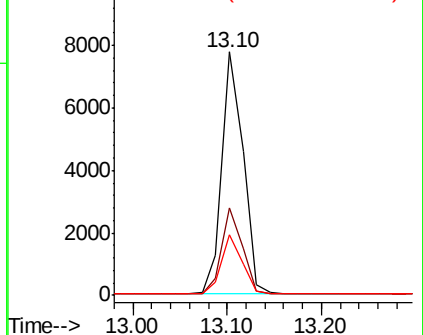
#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 12035
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 24.7 17.7 26.5

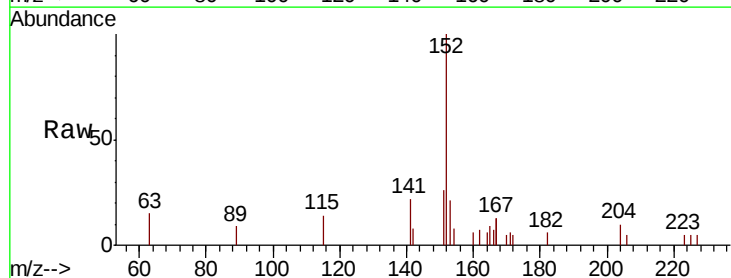


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

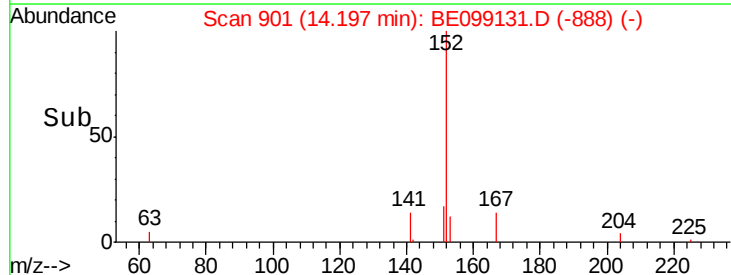
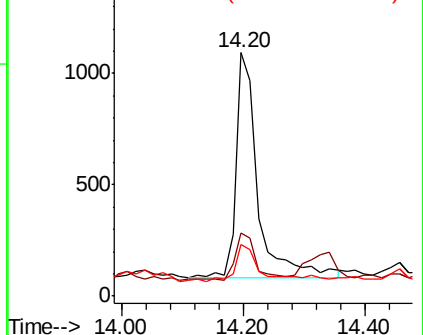


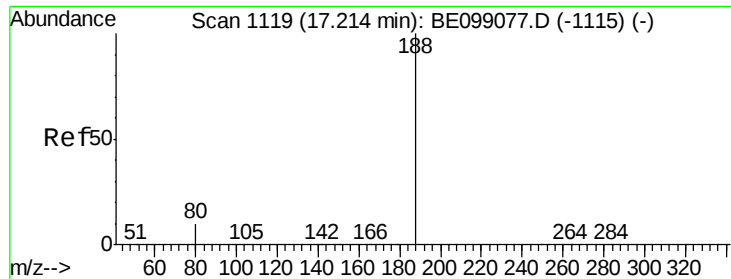
#16
Acenaphthylene
Concen: 0.053 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion:152 Resp: 2566
Ion Ratio Lower Upper
152 100
151 18.2 17.0 25.6
153 17.4 11.2 16.8#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

DFTPP

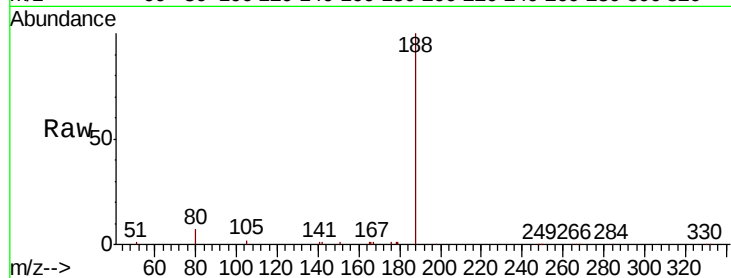
Tgt Ion:188 Resp: 26367

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

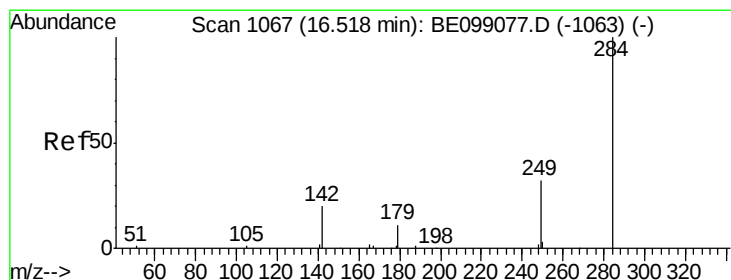
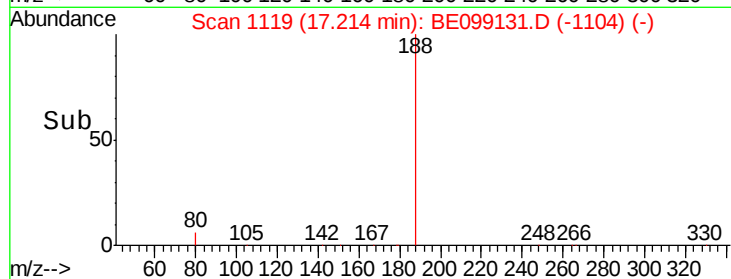
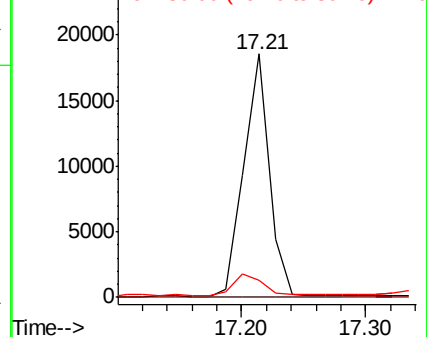
80 7.3 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#21

Hexachlorobenzene

Concen: 0.028 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

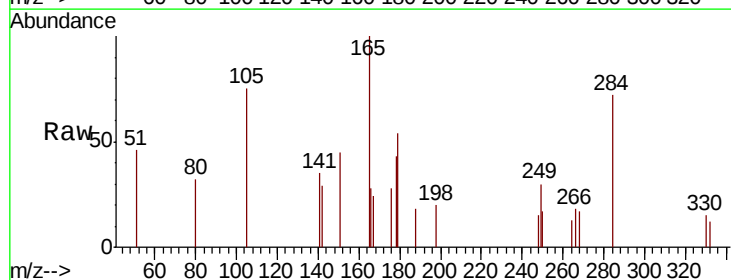
Tgt Ion:284 Resp: 382

Ion Ratio Lower Upper

284 100

142 46.6 28.7 43.1#

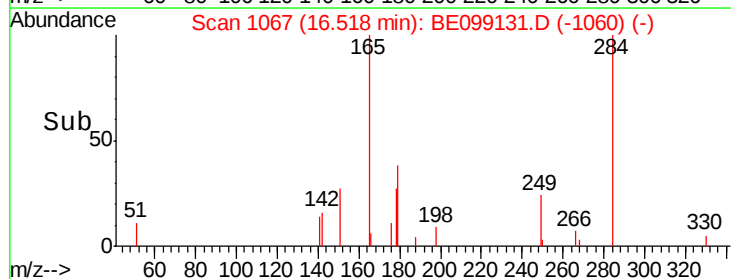
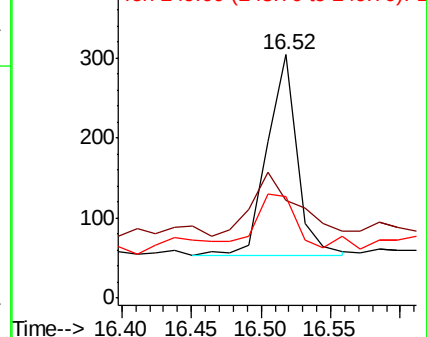
249 32.5 29.6 44.4

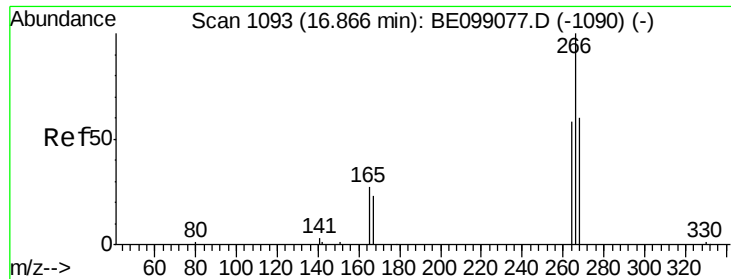


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

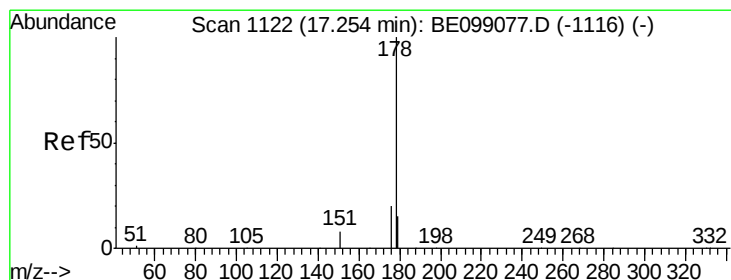
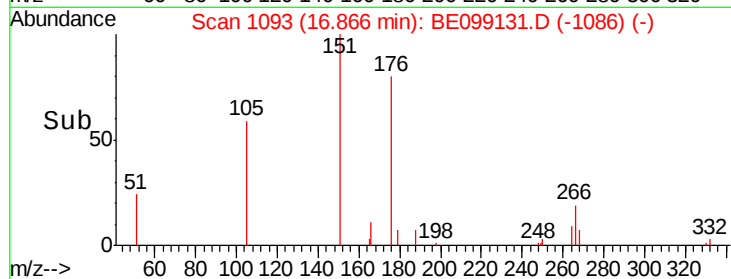
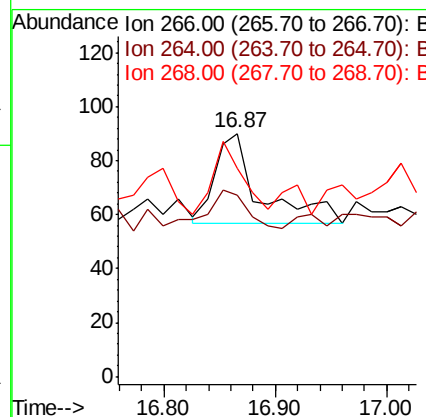
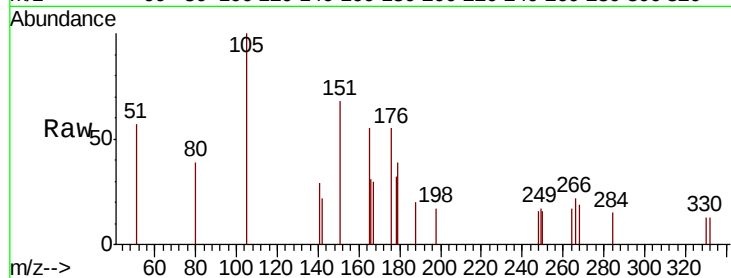




#22
 Pentachlorophenol
 Concen: 0.268 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BE099131.D
 Acq: 24 Mar 2019 3:45

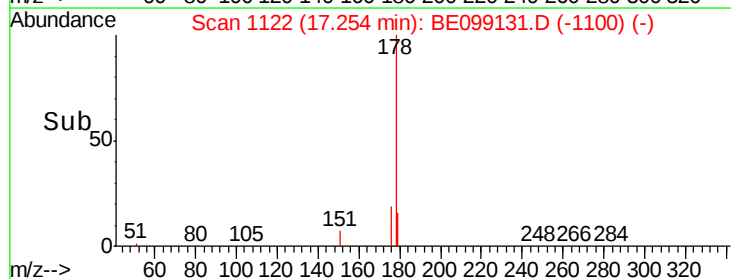
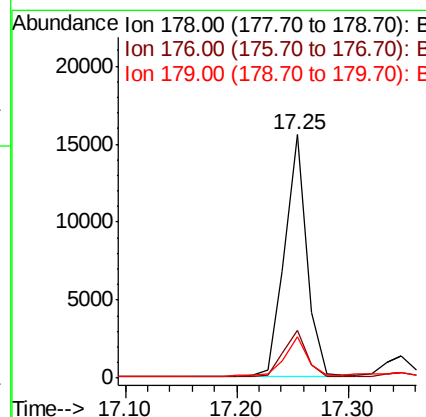
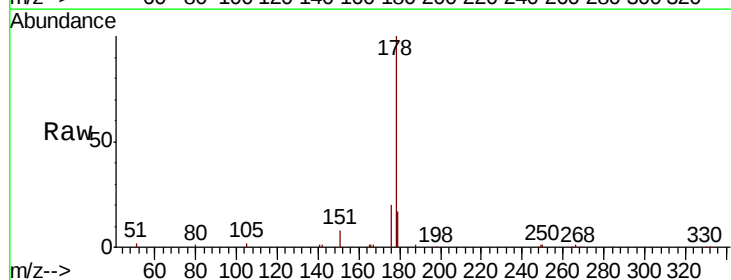
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

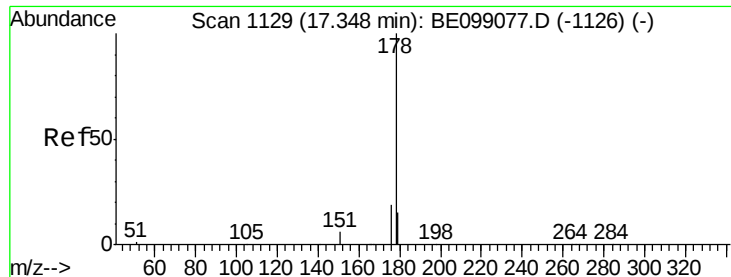
Tgt Ion: 266 Resp: 92
 Ion Ratio Lower Upper
 266 100
 264 74.4 66.6 100.0
 268 85.6 69.8 104.8



#23
 Phenanthrene
 Concen: 0.277 ng
 RT: 17.25 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BE099131.D
 Acq: 24 Mar 2019 3:45

Tgt Ion: 178 Resp: 21720
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.7 12.1 18.1





#24

Anthracene

Concen: 0.028 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

DFTPP

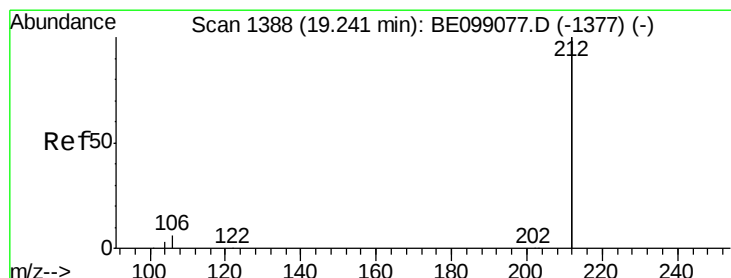
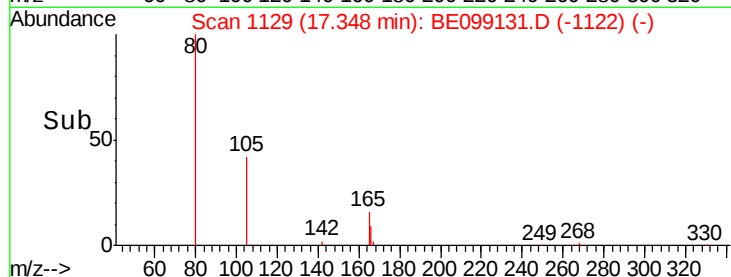
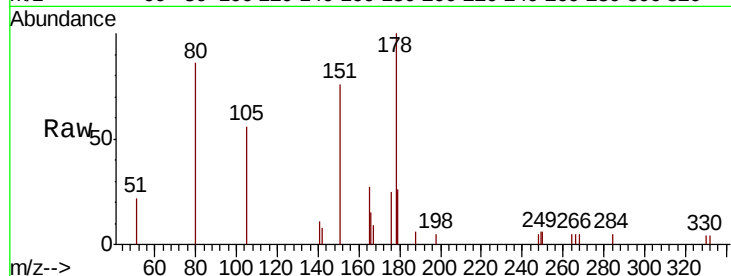
Tgt Ion:178 Resp: 2038

Ion Ratio Lower Upper

178 100

176 24.7 15.4 23.0#

179 16.5 12.2 18.4



#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

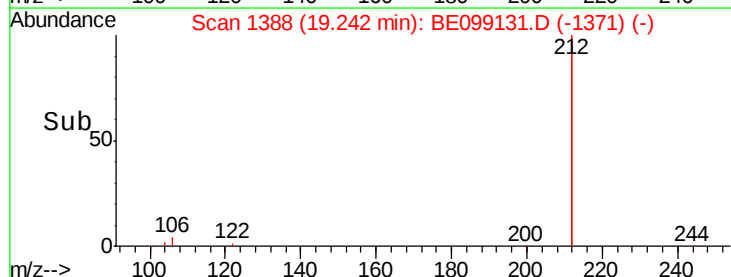
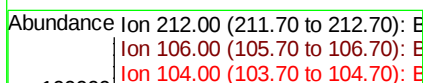
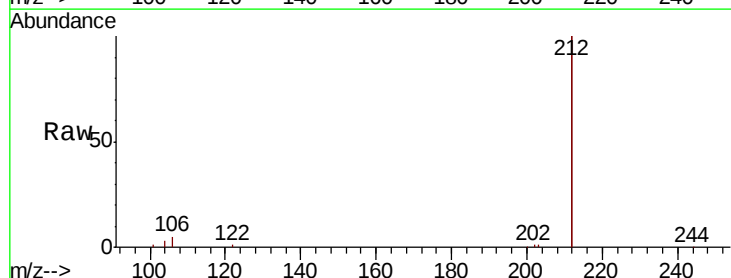
Tgt Ion:212 Resp: 115861

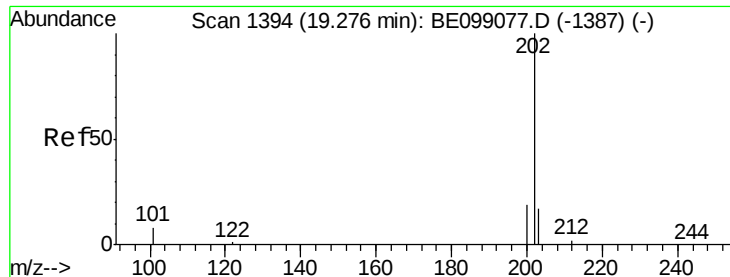
Ion Ratio Lower Upper

212 100

106 2.8 1.8 2.8#

104 1.5 1.0 1.6

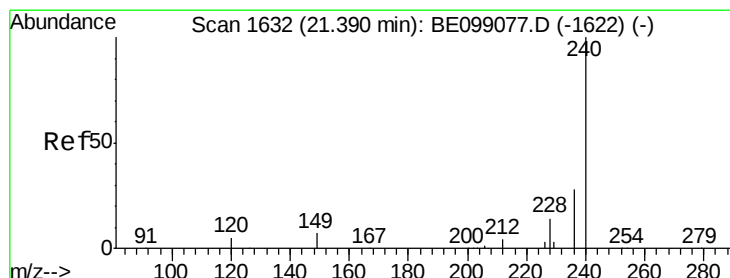
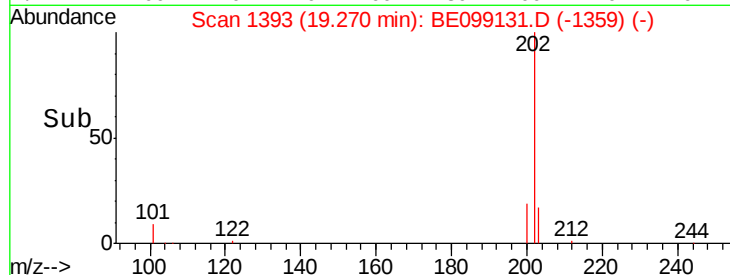
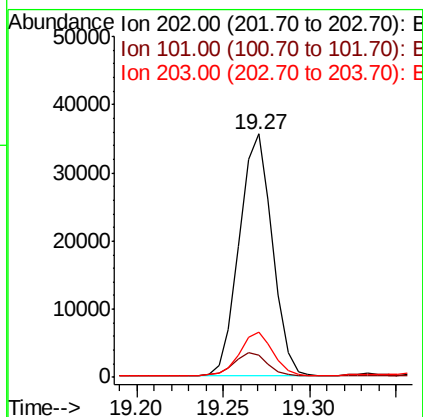
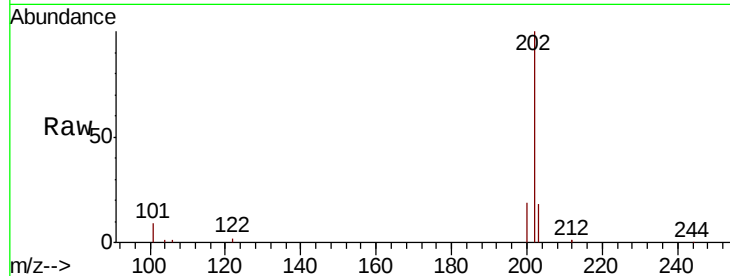




#26
 Fluoranthene
 Concen: 0.430 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BE099131.D
 Acq: 24 Mar 2019 3:45

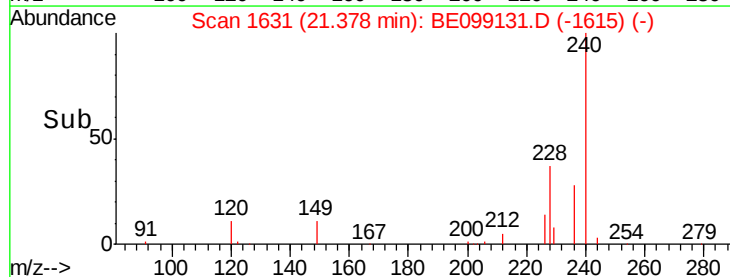
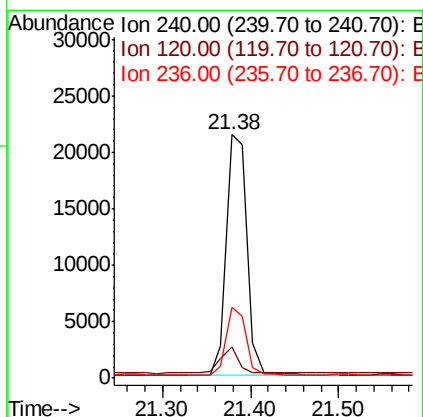
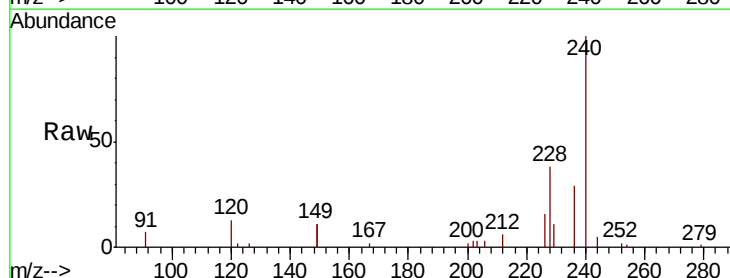
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

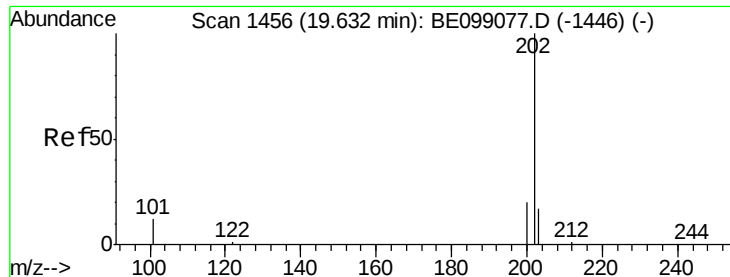
Tgt Ion: 202 Resp: 47419
 Ion Ratio Lower Upper
 202 100
 101 10.4 7.3 10.9
 203 17.4 13.4 20.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099131.D
 Acq: 24 Mar 2019 3:45

Tgt Ion: 240 Resp: 34949
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.0 7.4#
 236 29.2 22.7 34.1

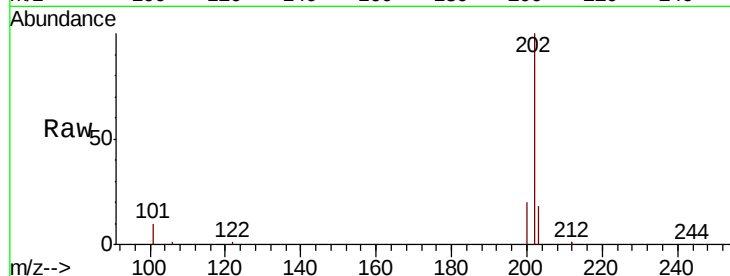




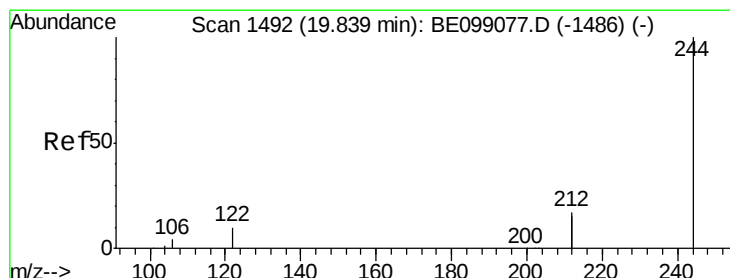
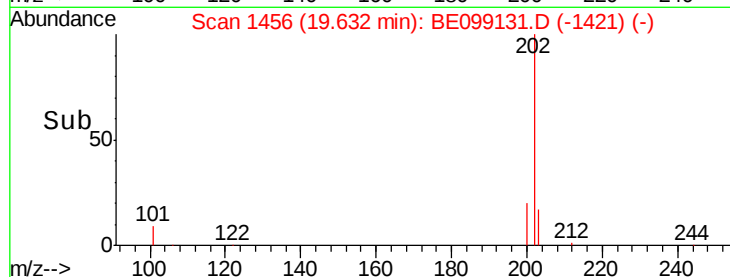
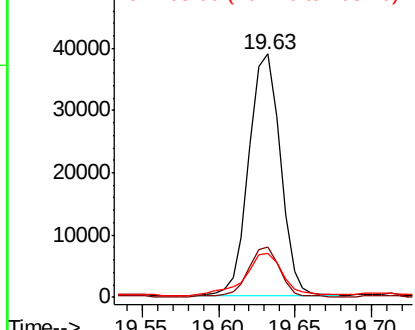
#28
 Pyrene
 Concen: 0.470 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE099131.D
 Acq: 24 Mar 2019 3:45

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Tgt Ion: 202 Resp: 55708
 Ion Ratio Lower Upper
 202 100
 200 20.0 17.0 25.6
 203 20.3 14.2 21.2

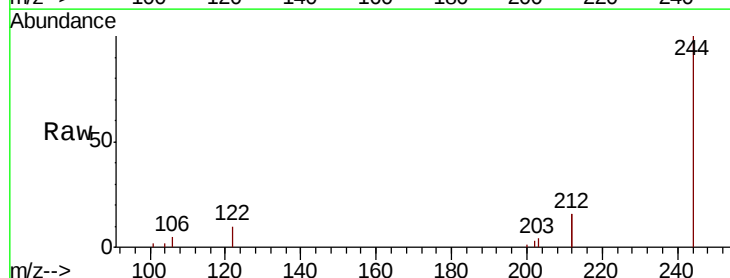


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

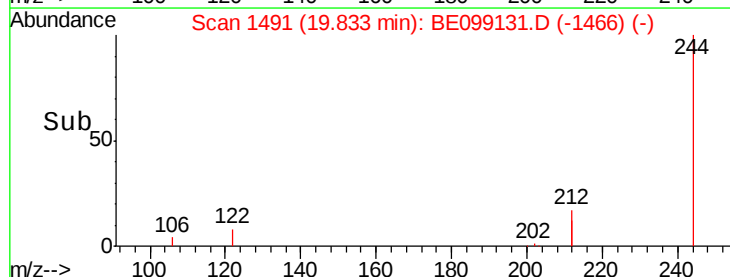
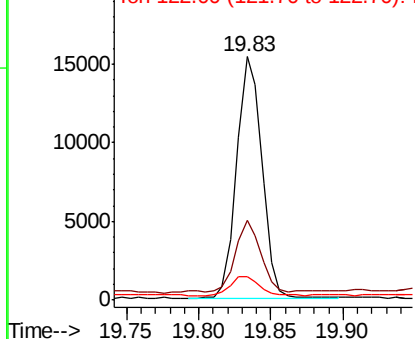


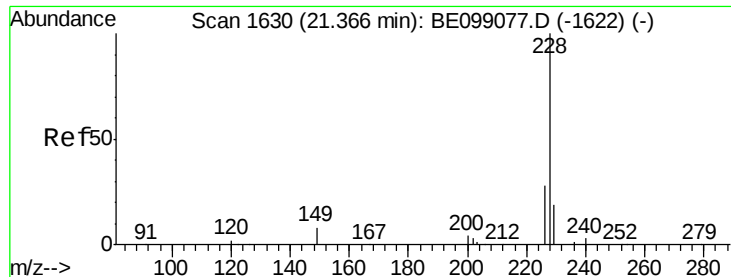
#29
 Terphenyl-d14
 Concen: 0.252 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE099131.D
 Acq: 24 Mar 2019 3:45

Tgt Ion: 244 Resp: 18631
 Ion Ratio Lower Upper
 244 100
 212 32.8 29.4 44.2
 122 9.9 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.214 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

Instrument :

BNA_E

ClientSampled :

DFTPP

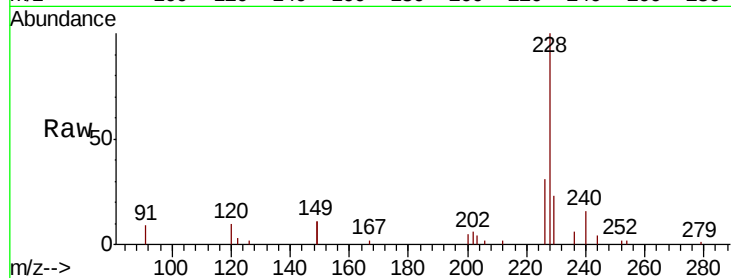
Tgt Ion:228 Resp: 26330

Ion Ratio Lower Upper

228 100

226 30.8 23.0 34.4

229 23.3 16.5 24.7

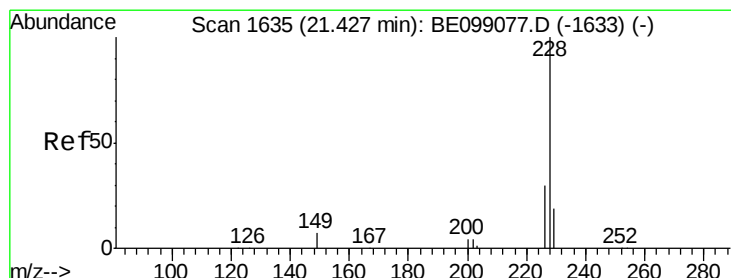
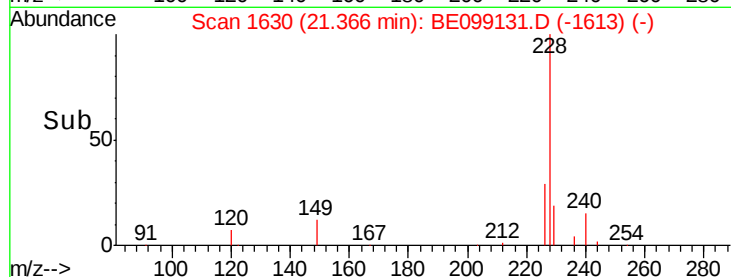
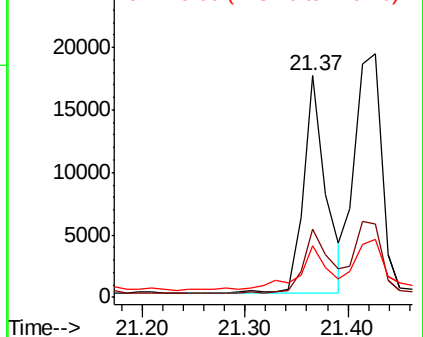


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.280 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

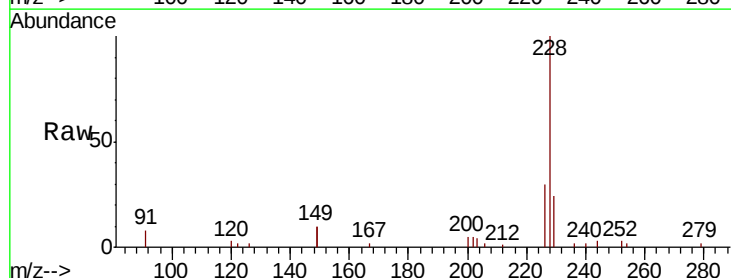
Tgt Ion:228 Resp: 34477

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 24.1 16.1 24.1

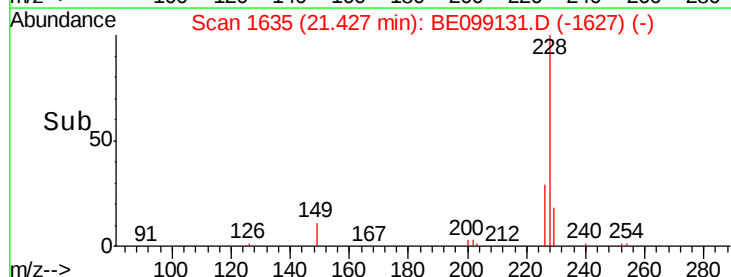
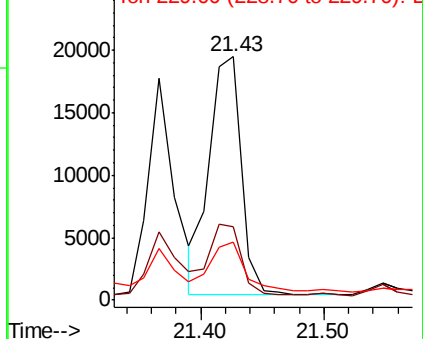


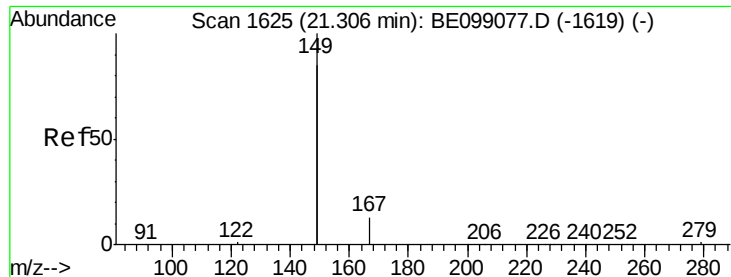
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

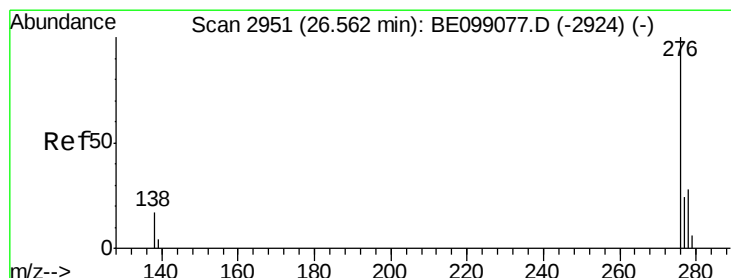
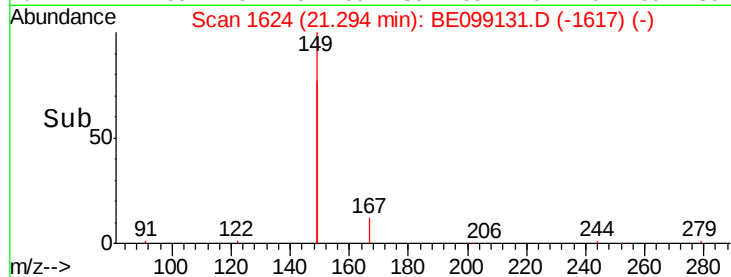
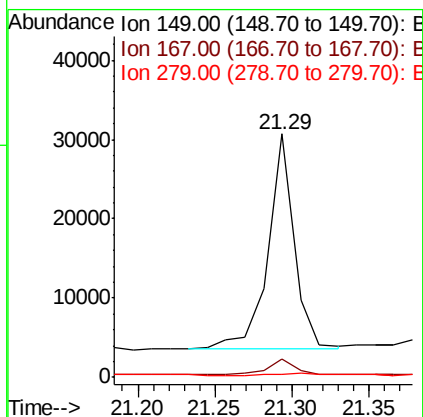
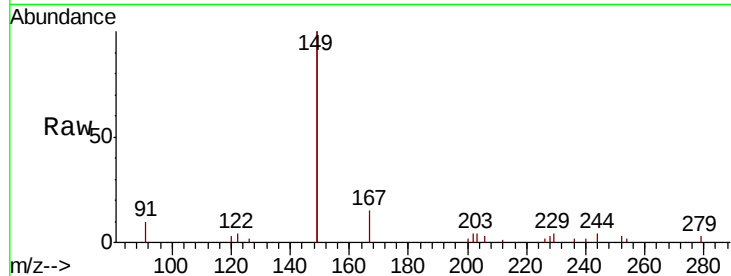




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.201 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099131.D
 Acq: 24 Mar 2019 3:45

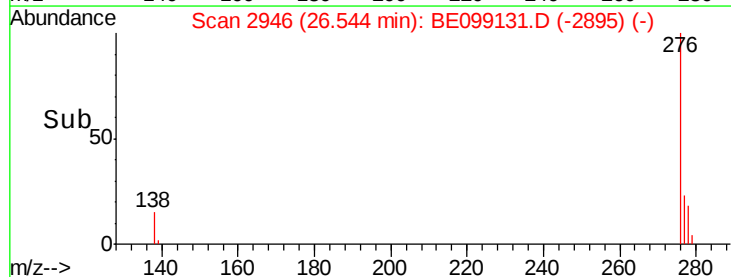
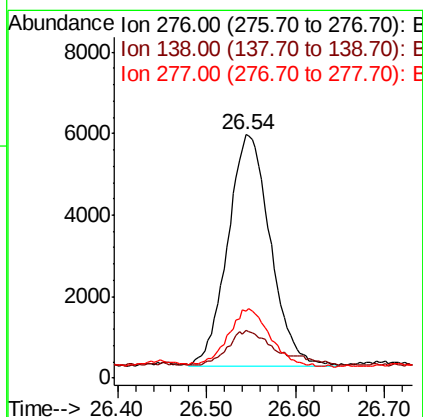
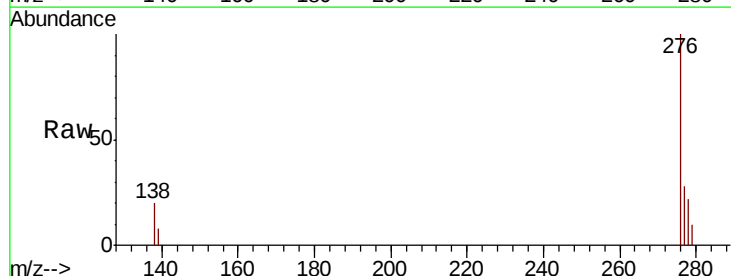
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

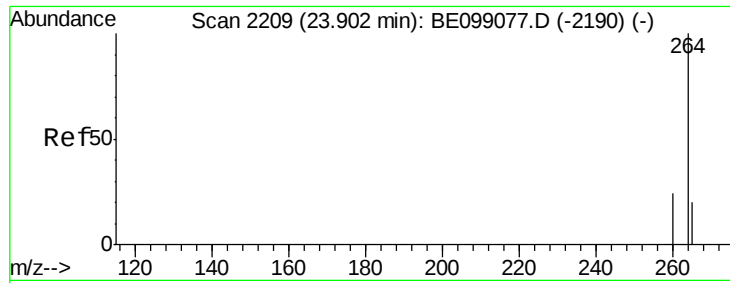
Tgt Ion:149 Resp: 32190
 Ion Ratio Lower Upper
 149 100
 167 7.5 5.4 8.0
 279 1.7 1.0 1.4#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.142 ng
 RT: 26.54 min Scan# 2946
 Delta R.T. -0.02 min
 Lab File: BE099131.D
 Acq: 24 Mar 2019 3:45

Tgt Ion:276 Resp: 18834
 Ion Ratio Lower Upper
 276 100
 138 14.2 13.8 20.8
 277 24.9 19.5 29.3

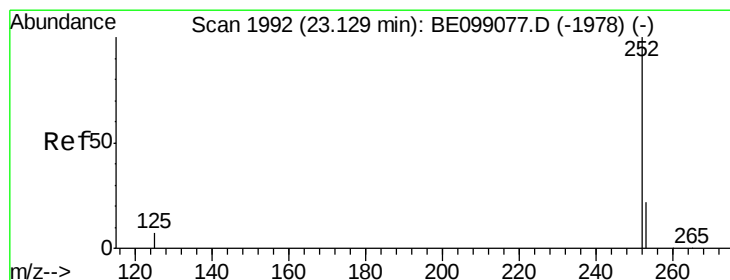
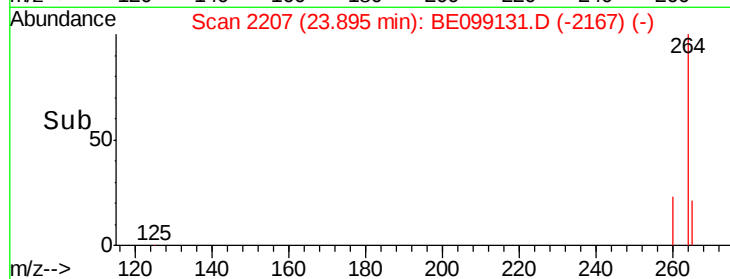
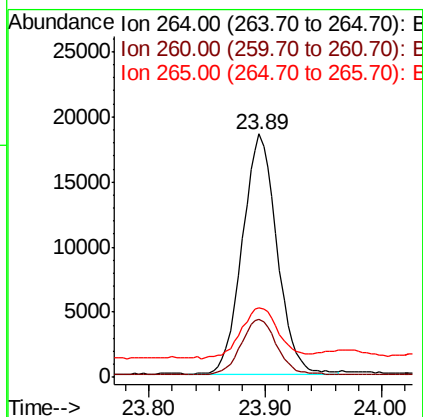
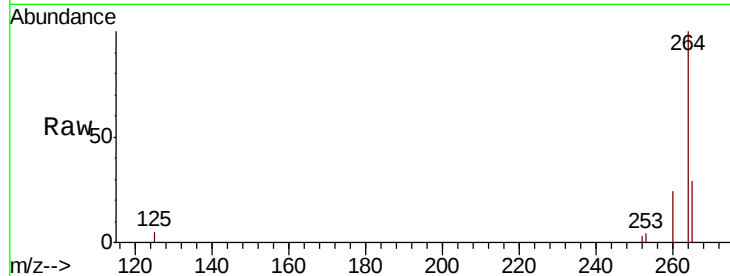




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

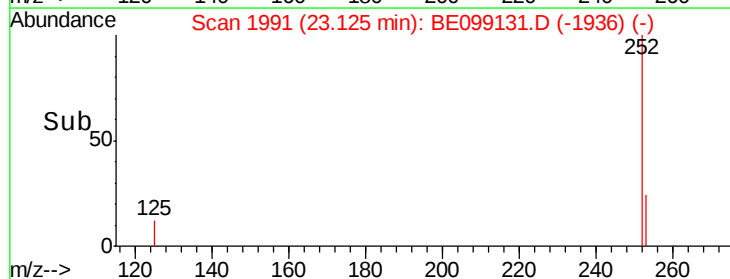
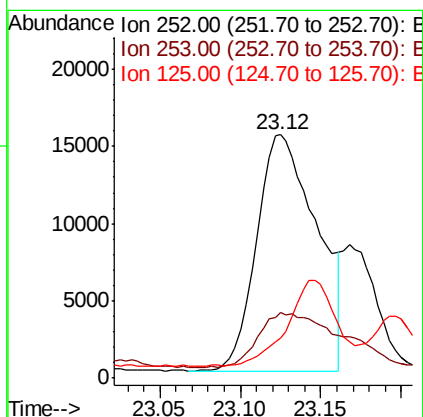
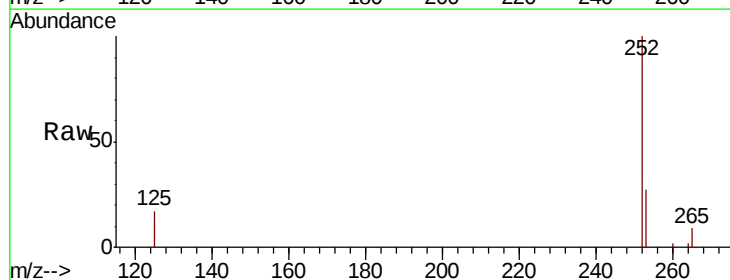
Instrument :
BNA_E
ClientSampleId :
DFTPP

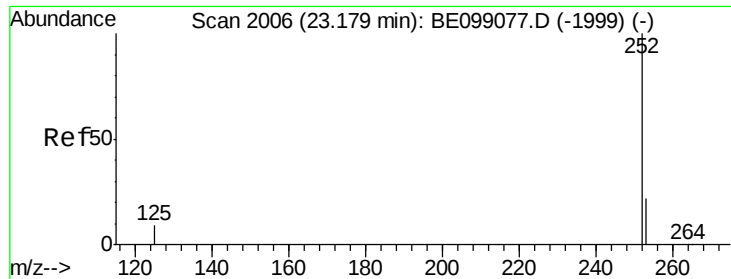
Tgt Ion: 264 Resp: 38082
Ion Ratio Lower Upper
264 100
260 23.6 21.2 31.8
265 28.5 24.6 36.8



#35
Benzo(b)fluoranthene
Concen: 0.304 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion: 252 Resp: 40103
Ion Ratio Lower Upper
252 100
253 27.1 18.2 27.2
125 16.6 7.3 10.9#

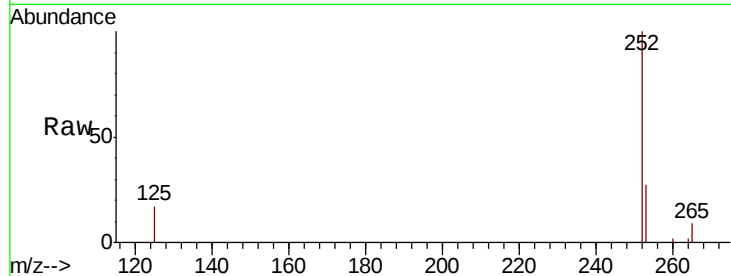




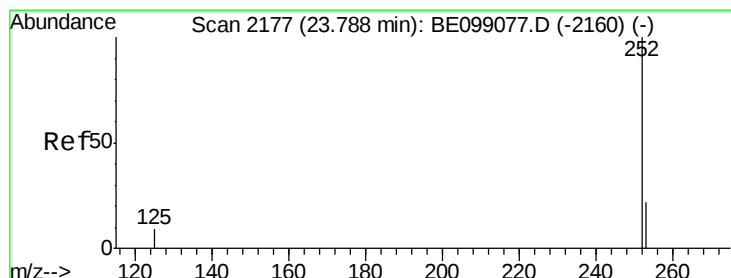
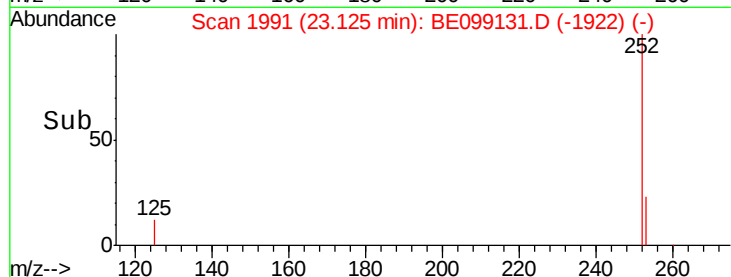
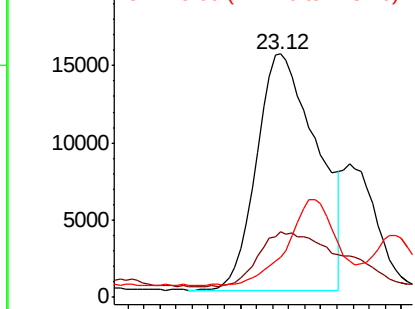
#36
Benzo(k)fluoranthene
Concen: 0.311 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 252 Resp: 40103
Ion Ratio Lower Upper
252 100
253 27.1 19.3 28.9
125 16.6 7.5 11.3#

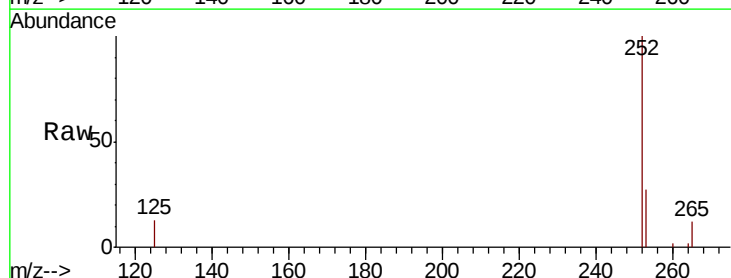


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

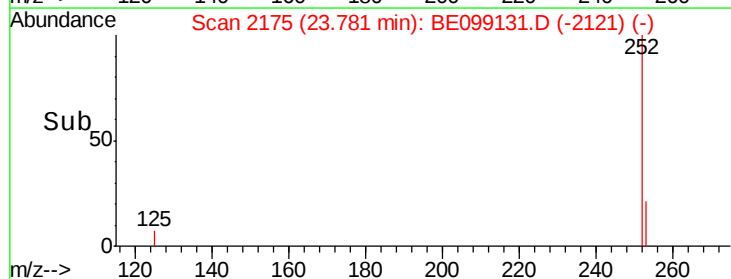
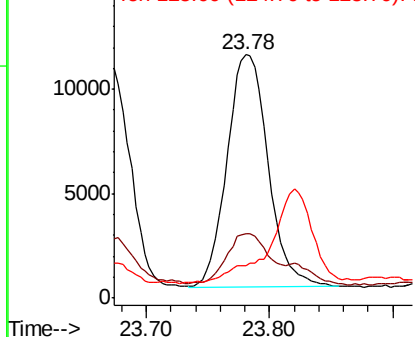


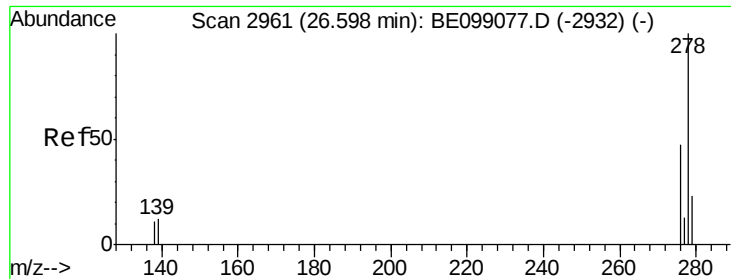
#37
Benzo(a)pyrene
Concen: 0.212 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099131.D
Acq: 24 Mar 2019 3:45

Tgt Ion: 252 Resp: 25823
Ion Ratio Lower Upper
252 100
253 26.6 19.9 29.9
125 13.4 9.0 13.4



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





#38

Dibenzo(a,h)anthracene

Concen: 0.046 ng

RT: 26.57 min Scan# 2952

Delta R.T. -0.03 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

DFTPP

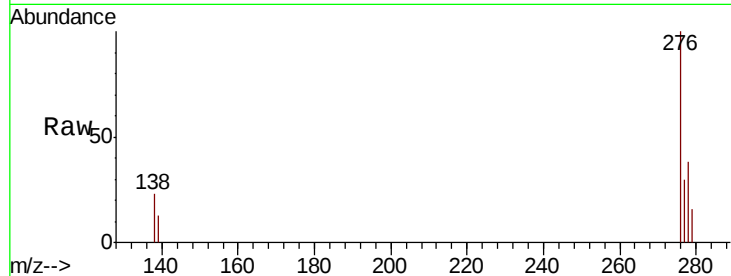
Tgt Ion:278 Resp: 5410

Ion Ratio Lower Upper

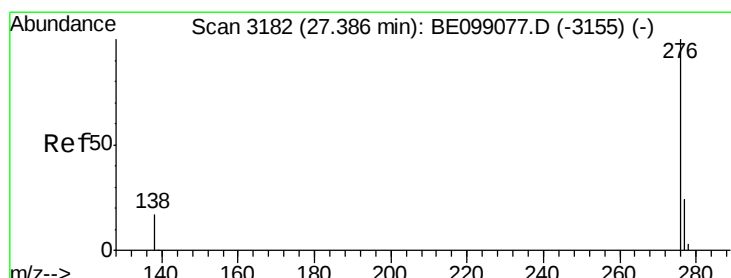
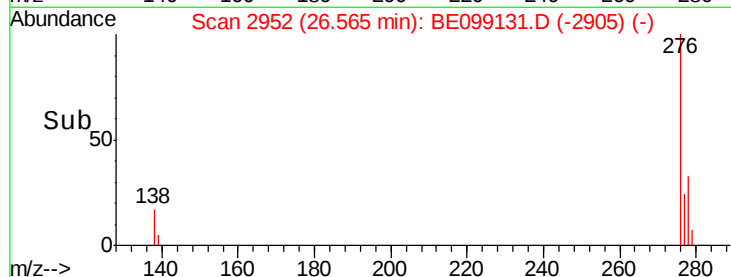
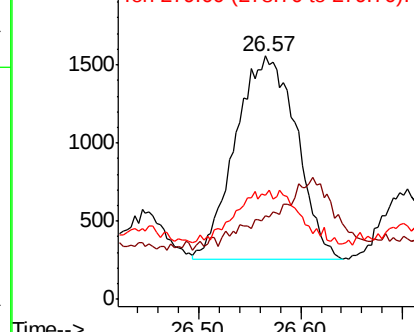
278 100

139 34.2 11.8 17.6#

279 42.9 21.1 31.7#



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



#39

Benzo(g,h,i)perylene

Concen: 0.168 ng

RT: 27.37 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BE099131.D

Acq: 24 Mar 2019 3:45

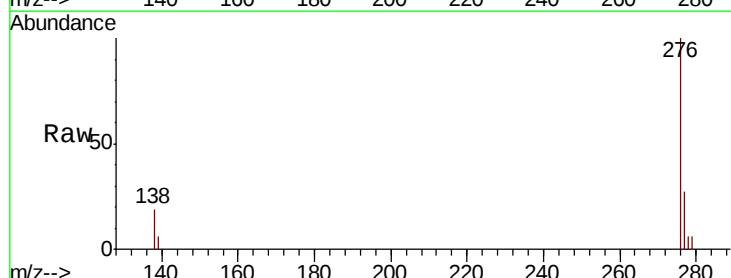
Tgt Ion:276 Resp: 20386

Ion Ratio Lower Upper

276 100

277 27.4 20.4 30.6

138 19.2 13.6 20.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

