

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032619\
 Data File : BE099246.D
 Acq On : 27 Mar 2019 12:28
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 14:16:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	5253	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	24412	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	18554	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	48936	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	56318	0.40	ng	-0.01
34) Perylene-d12	23.89	264	50447	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	5217	0.33	ng	0.00
5) Phenol-d6	6.99	99	8228	0.34	ng	0.00
8) Nitrobenzene-d5	8.98	82	6756	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	16649	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	2153	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	25366	0.34	ng	0.00
25) Fluoranthene-d10	19.23	212	204608	0.35	ng	0.00
29) Terphenyl-d14	19.83	244	40139	0.33	ng	0.00

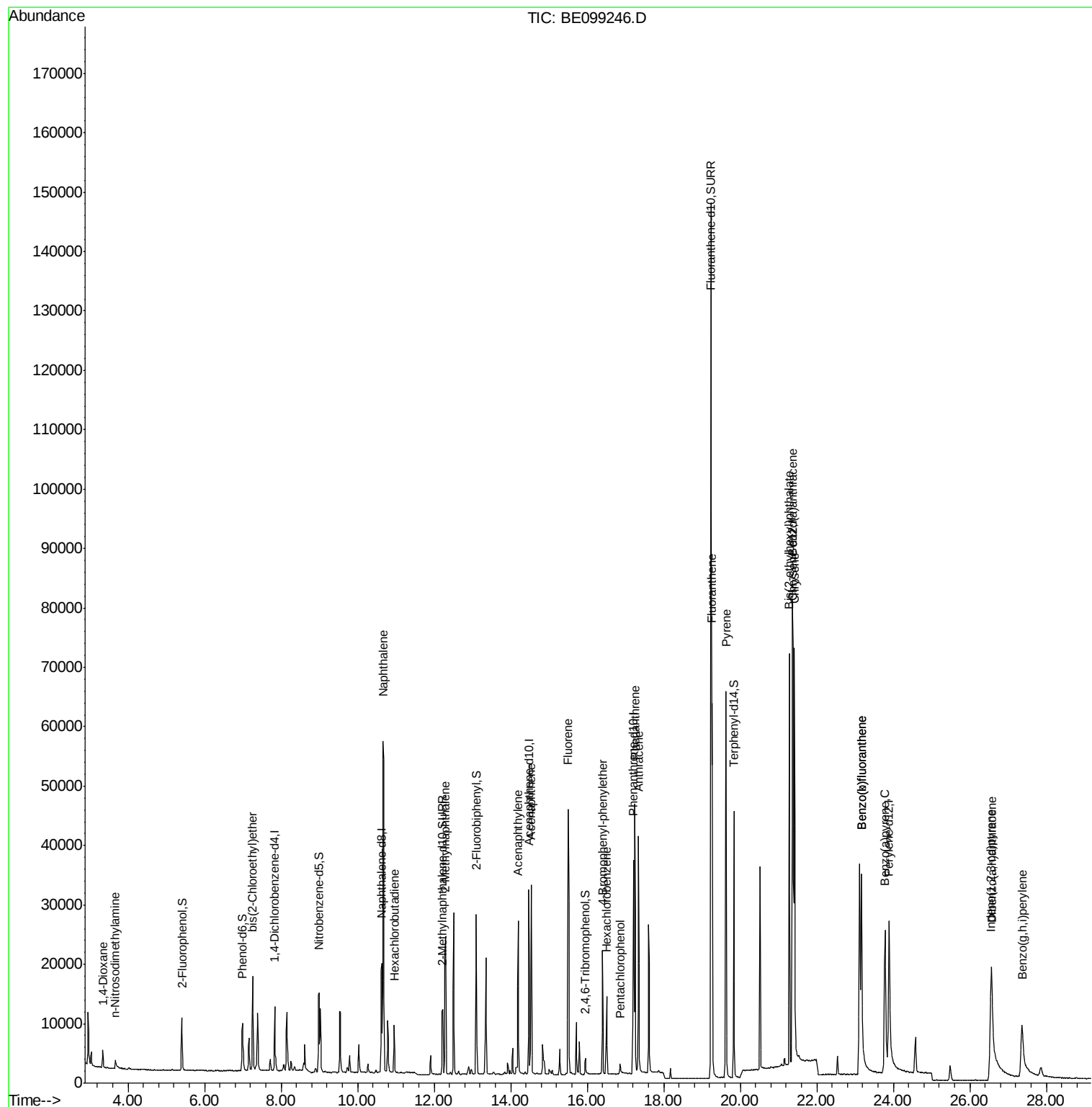
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	2238	0.323	ng	97
3) n-Nitrosodimethylamine	3.66	42	1243	0.321	ng	# 91
6) bis(2-Chloroethyl)ether	7.25	93	6247	0.331	ng	97
9) Naphthalene	10.67	128	99313	0.345	ng	99
10) Hexachlorobutadiene	10.95	225	5218	0.340	ng	96
12) 2-Methylnaphthalene	12.30	142	17814	0.346	ng	98
16) Acenaphthylene	14.20	152	30560	0.323	ng	99
17) Acenaphthene	14.53	154	19133	0.338	ng	98
18) Fluorene	15.50	166	26852	0.337	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	9889	0.313	ng	# 83
21) Hexachlorobenzene	16.51	284	9910	0.325	ng	99
22) Pentachlorophenol	16.85	266	1286	0.522	ng	91
23) Phenanthrene	17.24	178	47209	0.329	ng	100
24) Anthracene	17.34	178	40948	0.315	ng	100
26) Fluoranthene	19.26	202	60462	0.330	ng	99
28) Pyrene	19.63	202	61940	0.331	ng	100
30) Benzo(a)anthracene	21.37	228	58743	0.316	ng	99
31) Chrysene	21.41	228	64630	0.325	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	73833	0.333	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	41569	0.221	ng	# 91
35) Benzo(b)fluoranthene	23.17	252	60947	0.367	ng	99
36) Benzo(k)fluoranthene	23.17	252	62142	0.354	ng	99
37) Benzo(a)pyrene	23.77	252	52381	0.338	ng	# 94
38) Dibenzo(a,h)anthracene	26.57	278	30944	0.225	ng	# 85
39) Benzo(g,h,i)perylene	27.37	276	34511	0.250	ng	98

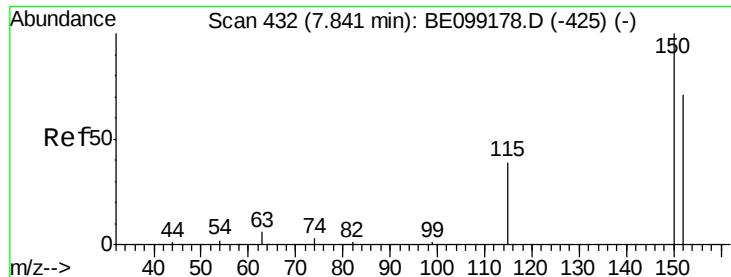
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032619\
Data File : BE099246.D
Acq On : 27 Mar 2019 12:28
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Mar 27 14:16:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

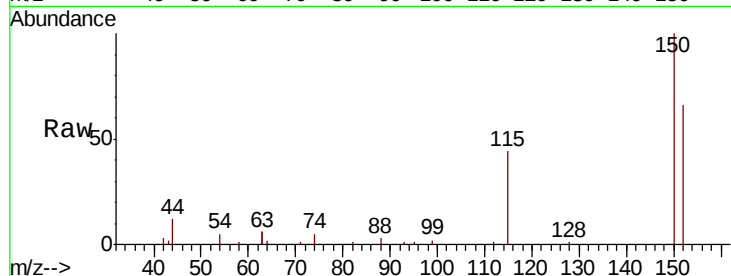
Tot Ion:152 Resp: 5253

Ion Ratio Lower Upper

152 100

150 152.1 112.8 169.2

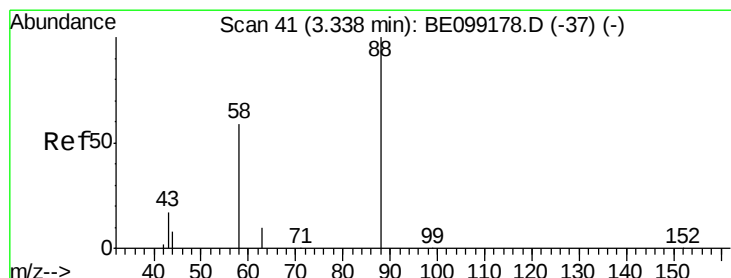
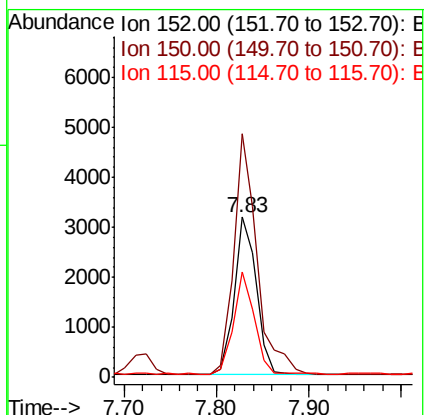
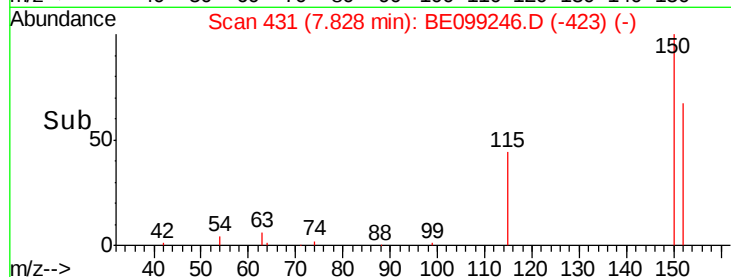
115 66.2 45.1 67.7



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: 0.323 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

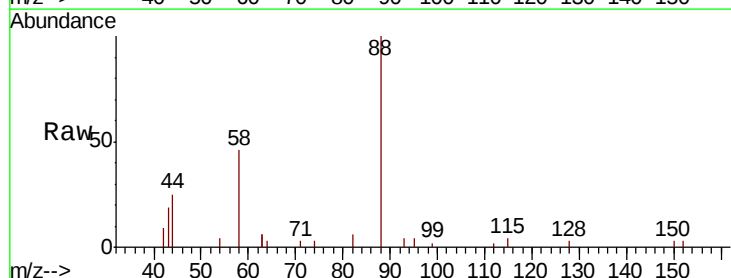
Tgt Ion: 88 Resp: 2238

Ion Ratio Lower Upper

88 100

58 61.6 47.4 71.0

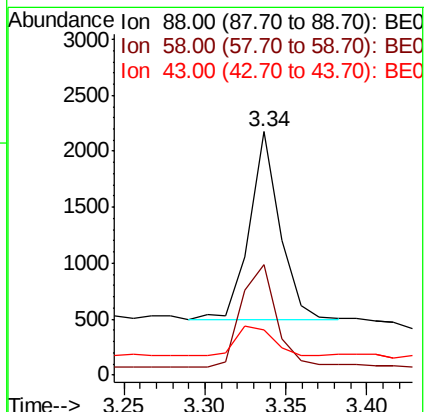
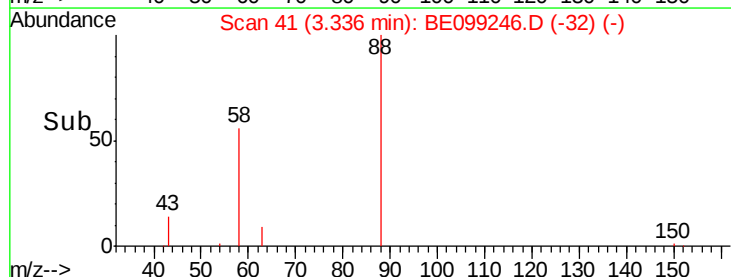
43 18.3 15.6 23.4



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: 0.321 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

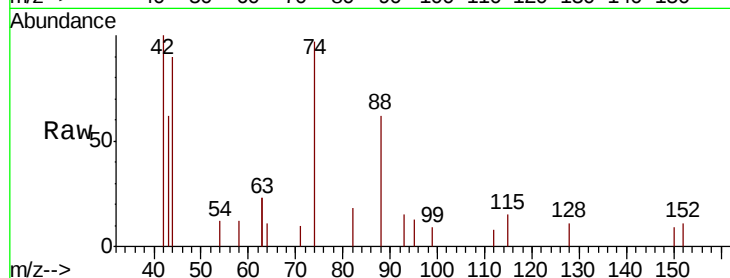
Tot Ion: 42 Resp: 1243

Ion Ratio Lower Upper

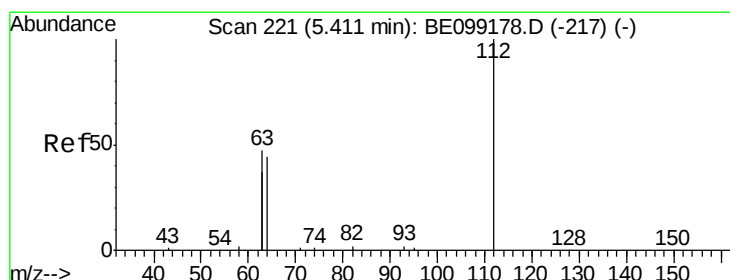
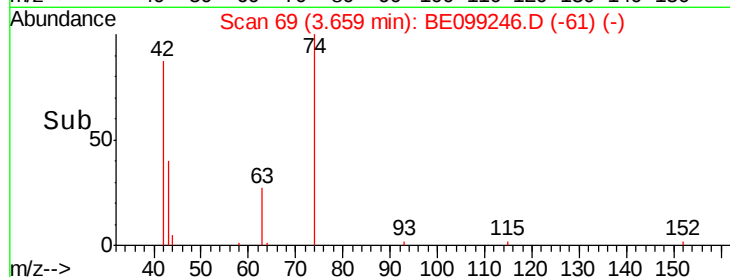
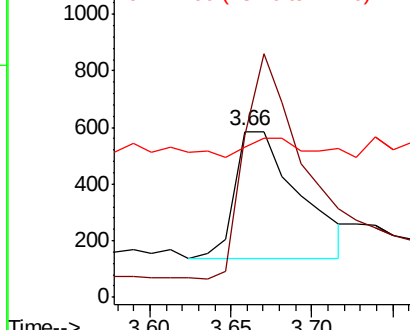
42 100

74 161.8 138.6 207.8

44 12.3 15.0 22.6#



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: 0.333 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

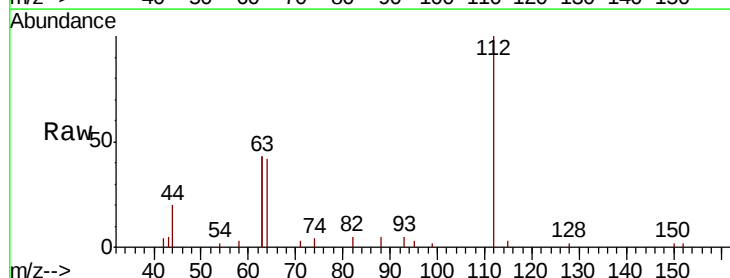
Tgt Ion: 112 Resp: 5217

Ion Ratio Lower Upper

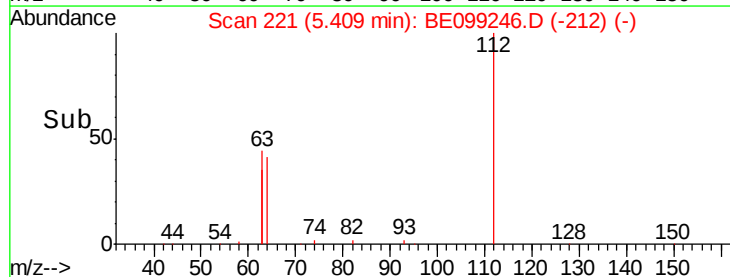
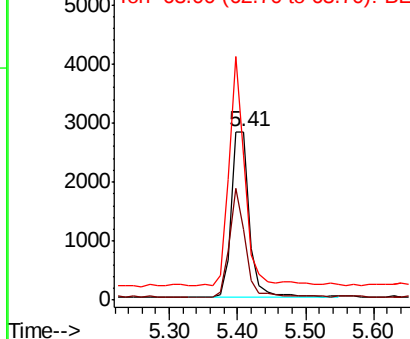
112 100

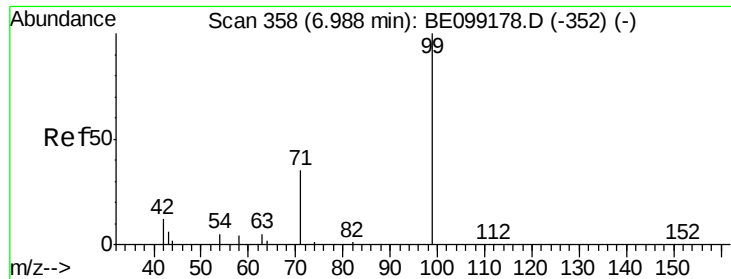
64 57.5 46.2 69.2

63 122.7 89.9 134.9



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: 0.343 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

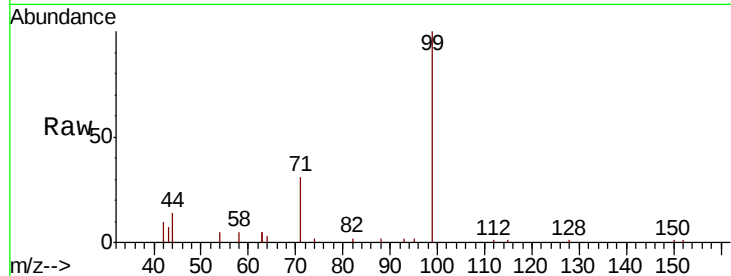
Tot Ion: 99 Resp: 8228

Ion Ratio Lower Upper

99 100

42 14.8 12.4 18.6

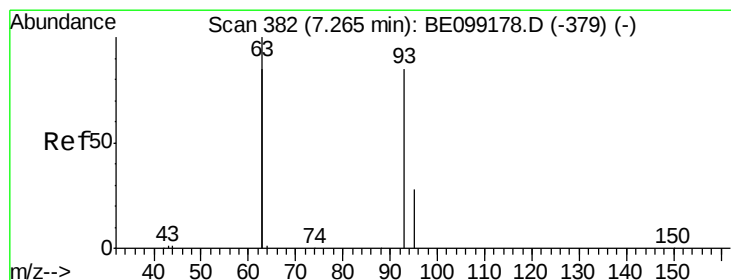
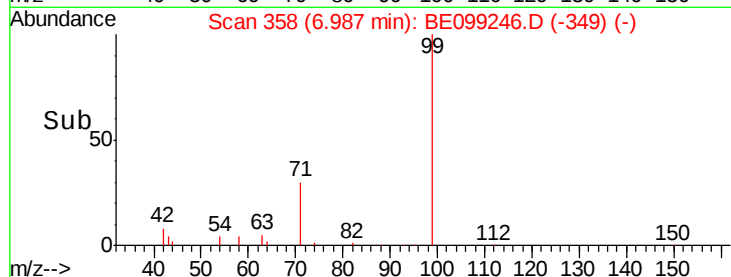
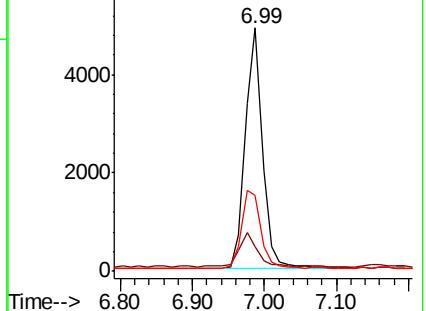
71 35.7 28.4 42.6



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: 0.331 ng

RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

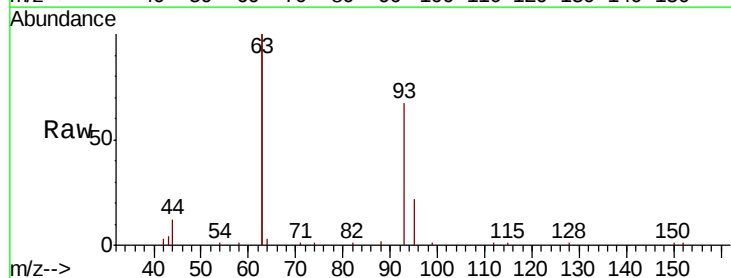
Tgt Ion: 93 Resp: 6247

Ion Ratio Lower Upper

93 100

63 270.8 221.4 332.0

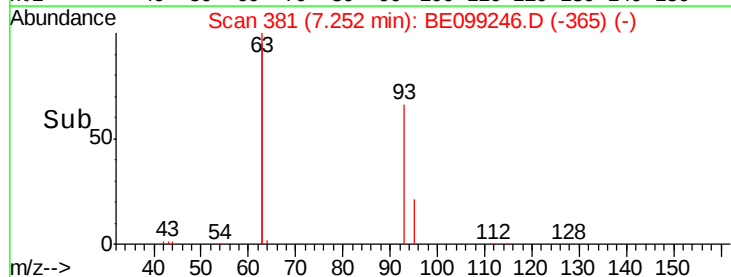
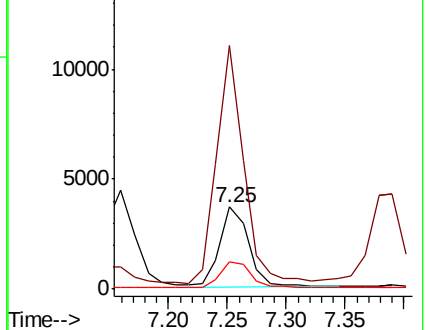
95 33.8 25.8 38.8

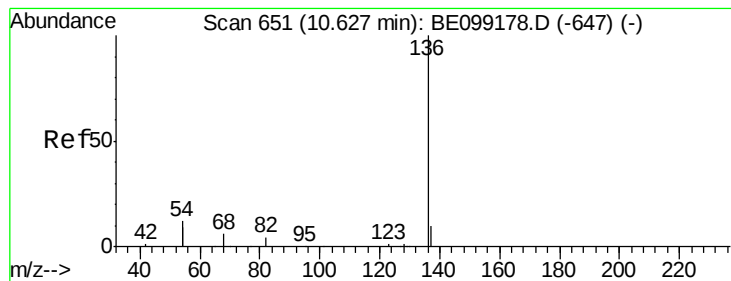


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. -0.00 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 24412

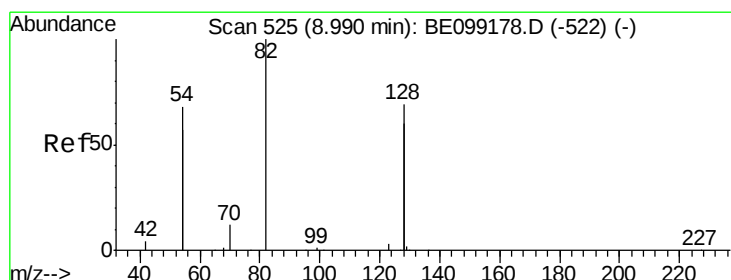
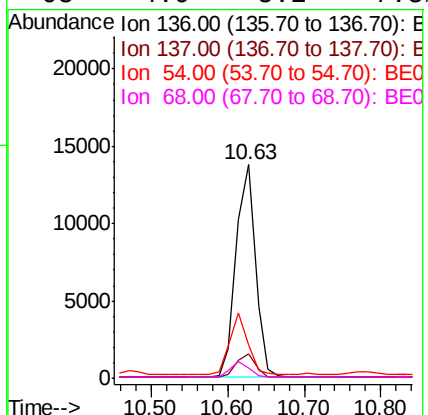
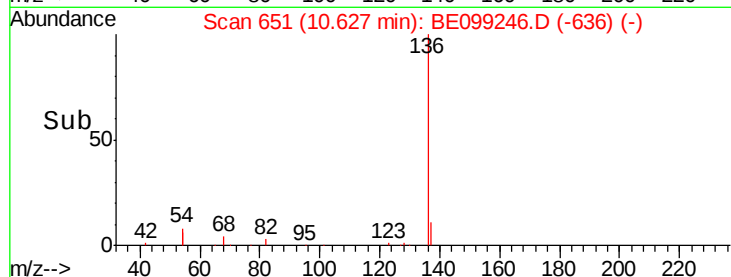
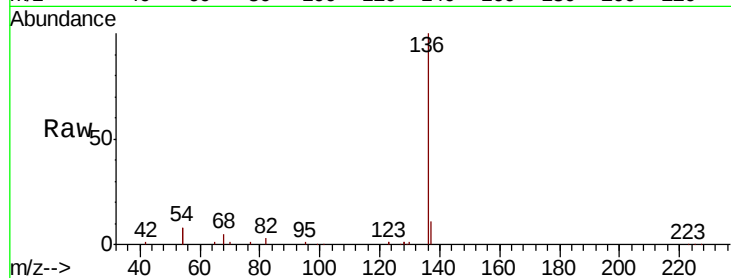
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 15.8 18.7 28.1#

68 4.9 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

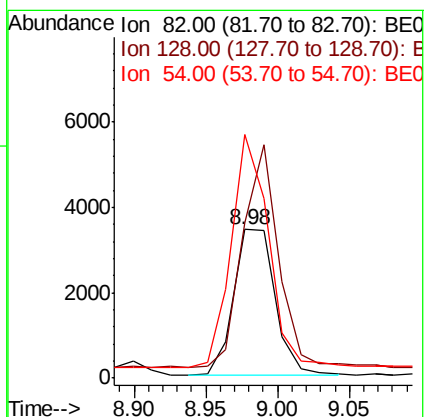
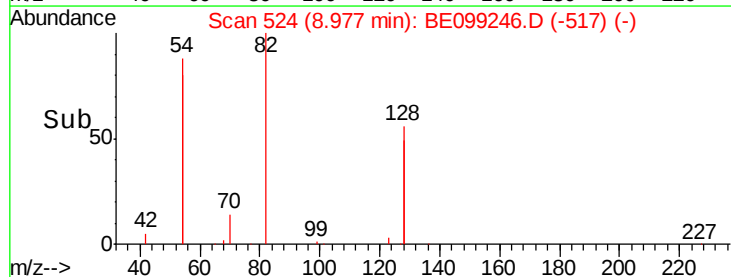
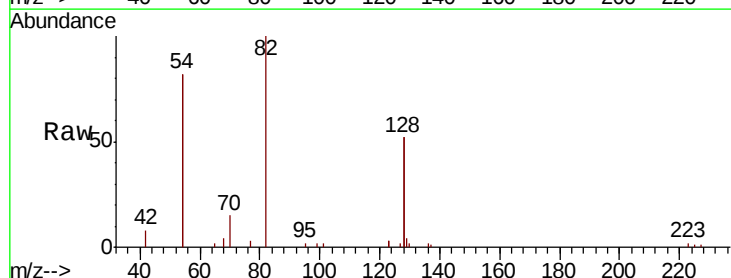
Tgt Ion: 82 Resp: 6756

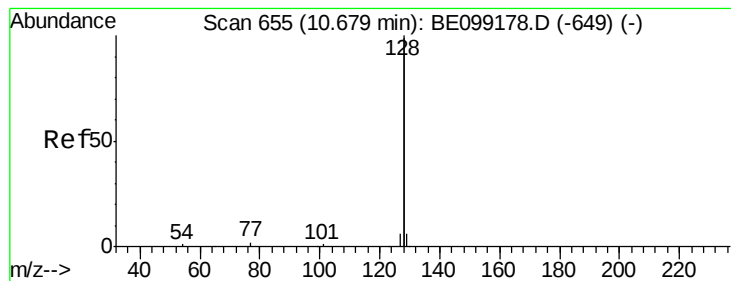
Ion Ratio Lower Upper

82 100

128 105.0 107.5 161.3#

54 164.1 106.3 159.5#





#9

Naphthalene

Concen: 0.345 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

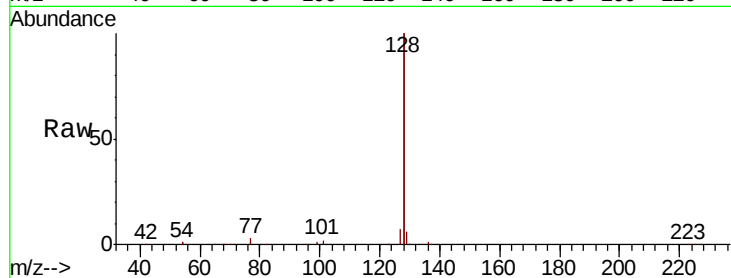
Tot Ion:128 Resp: 99313

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

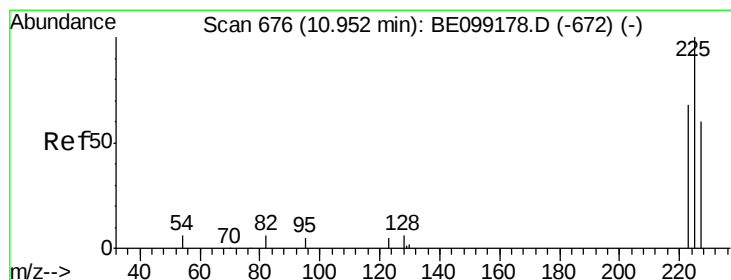
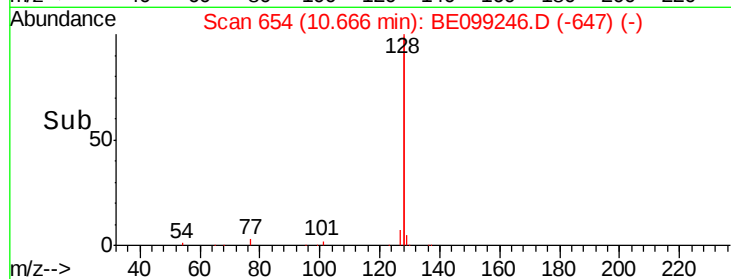
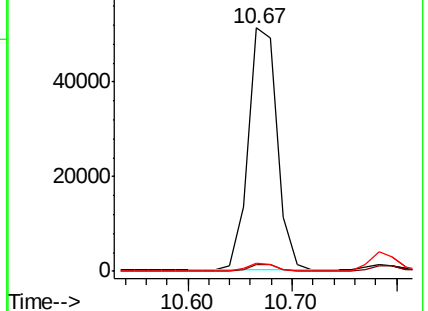
127 3.5 2.6 3.8



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: 0.340 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

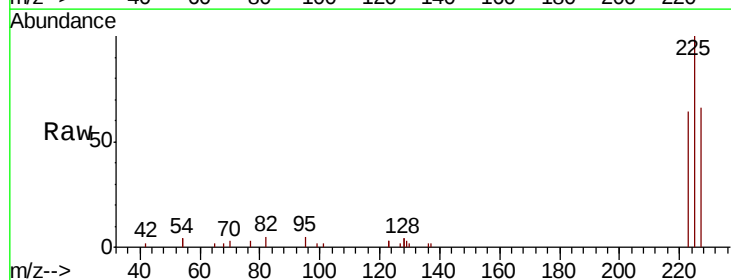
Tgt Ion:225 Resp: 5218

Ion Ratio Lower Upper

225 100

223 65.5 51.3 76.9

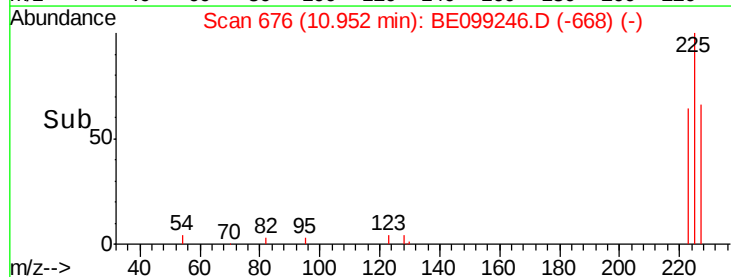
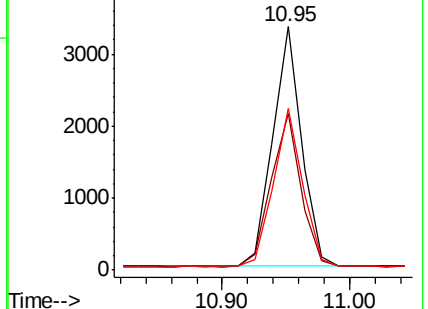
227 66.0 48.6 73.0

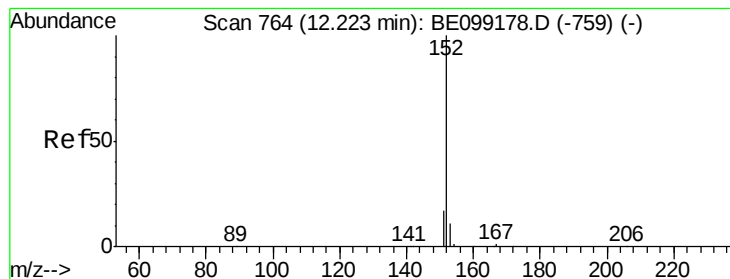


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

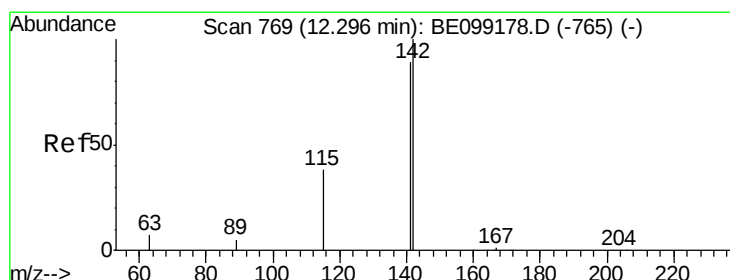
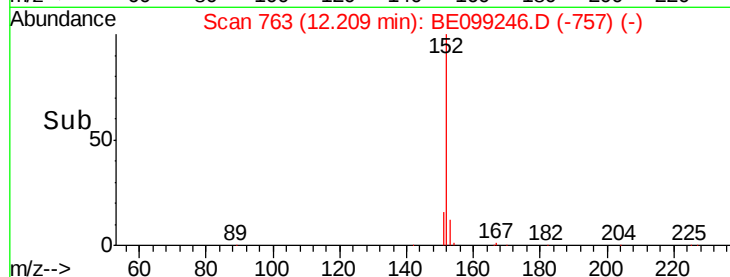
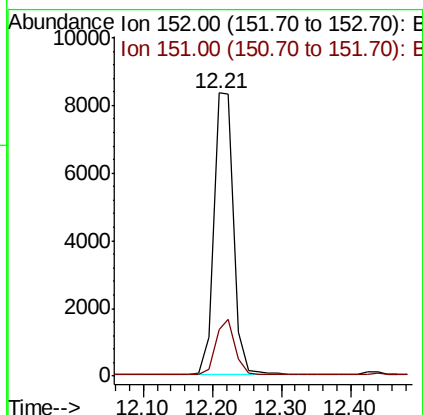
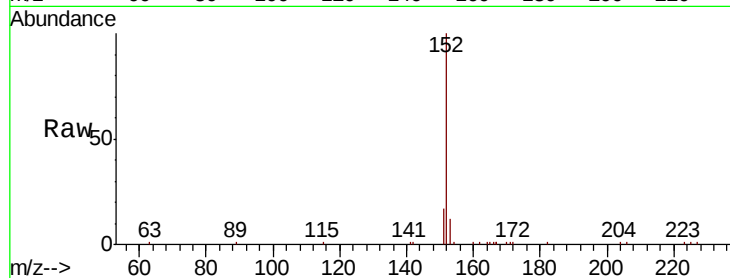




#11
 2-Methylnaphthalene-d10
 Concen: 0.354 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099246.D
 Acq: 27 Mar 2019 12:28

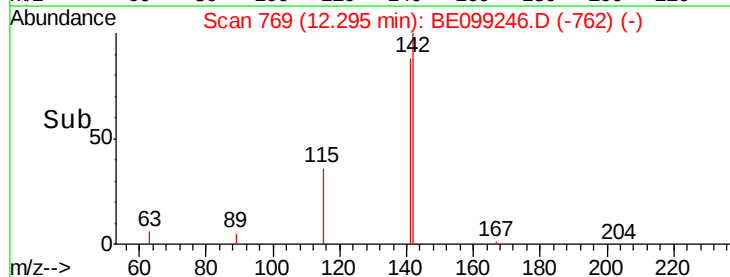
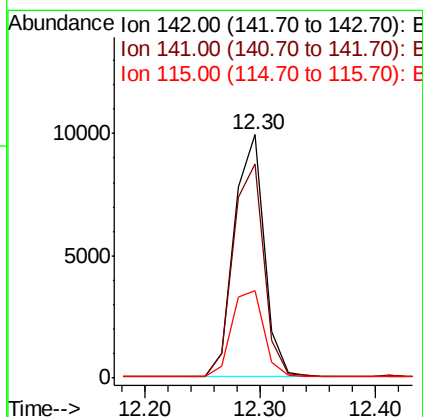
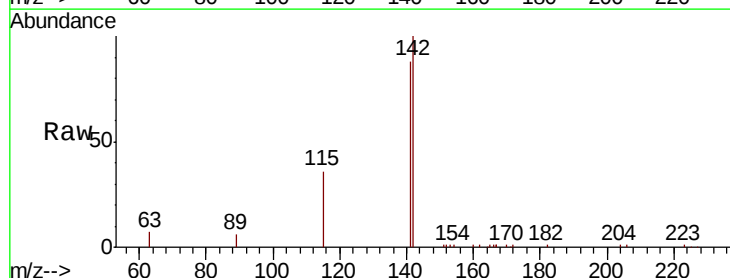
Instrument :
 BNA_E
 ClientSampleId :

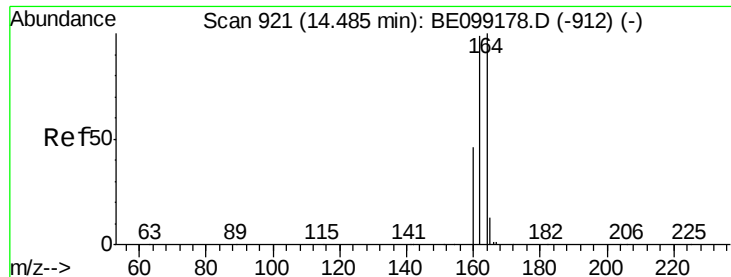
Tot Ion:152 Resp: 16649
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.346 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099246.D
 Acq: 27 Mar 2019 12:28

Tgt Ion:142 Resp: 17814
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.3 106.9
 115 35.9 30.4 45.6

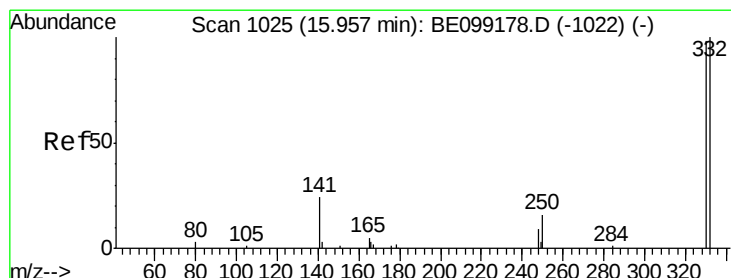
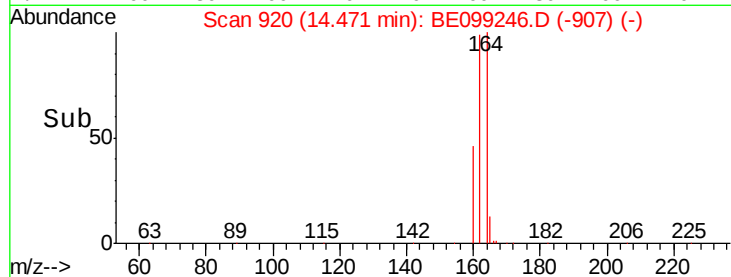
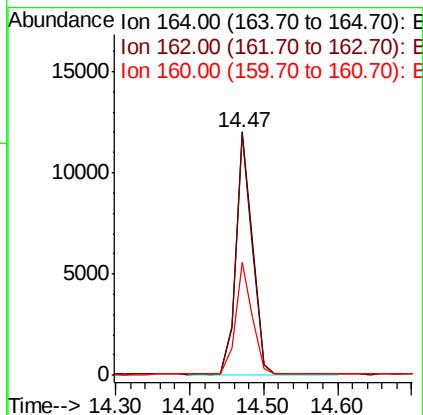
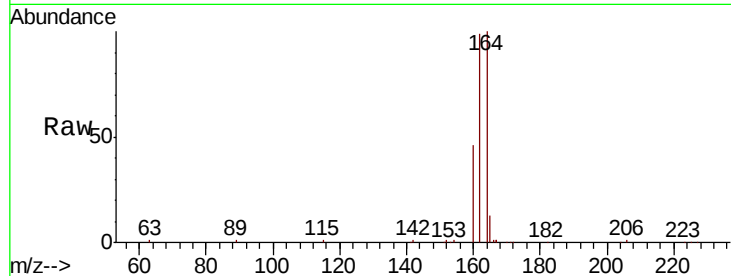




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

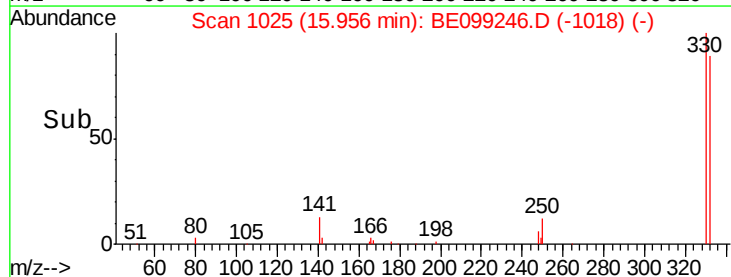
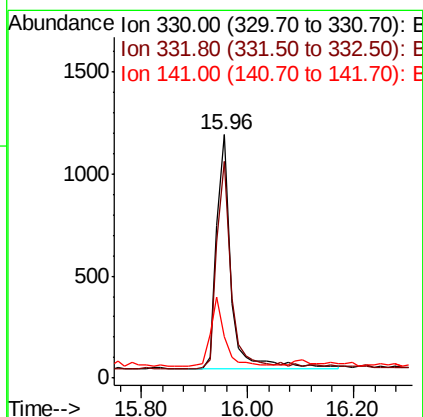
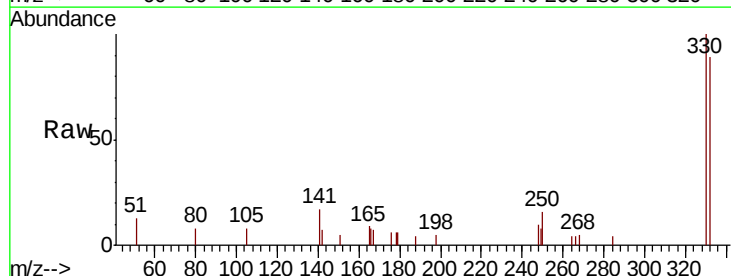
Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 18554
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 46.2 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.433 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:330 Resp: 2153
Ion Ratio Lower Upper
330 100
332 95.4 71.3 106.9
141 29.6 21.7 32.5

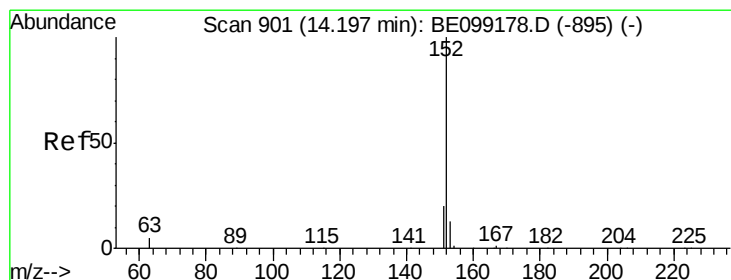
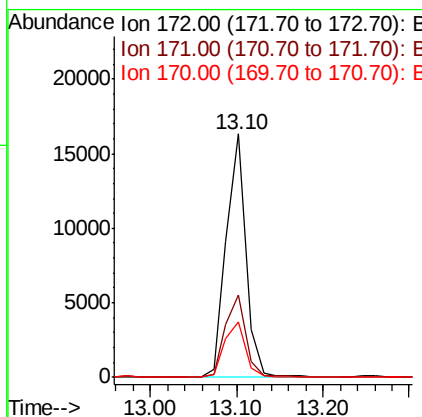
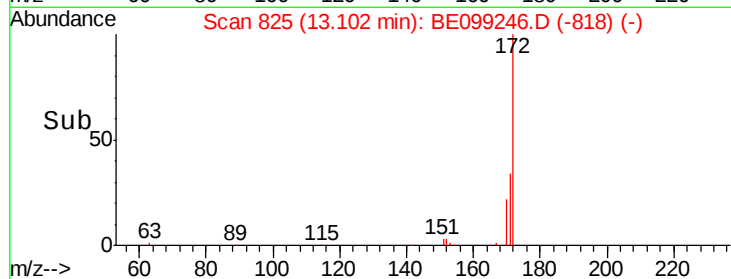
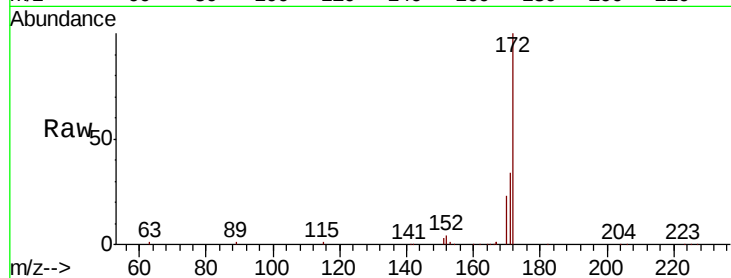




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

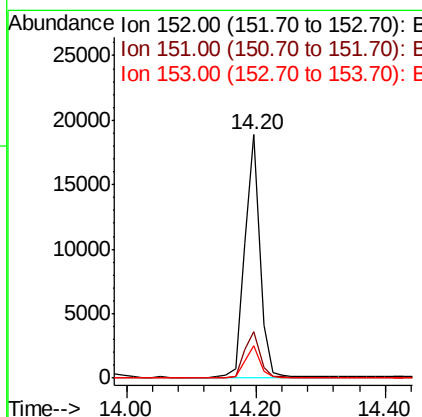
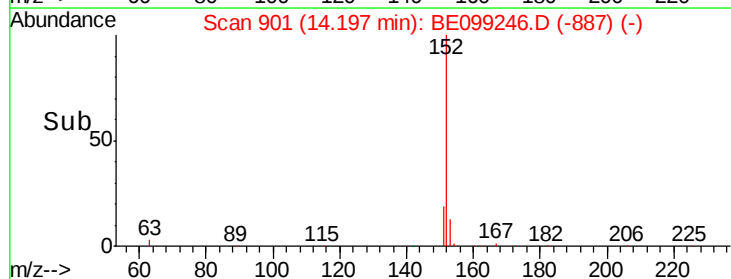
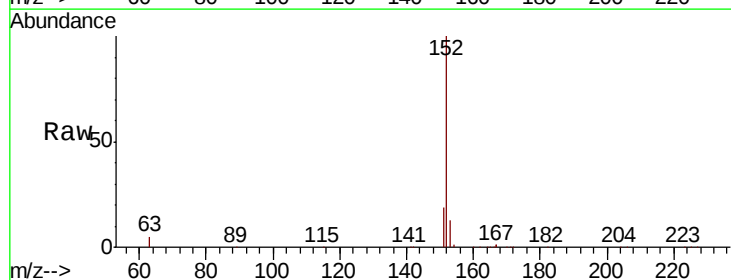
Instrument :
BNA_E
ClientSampleId :

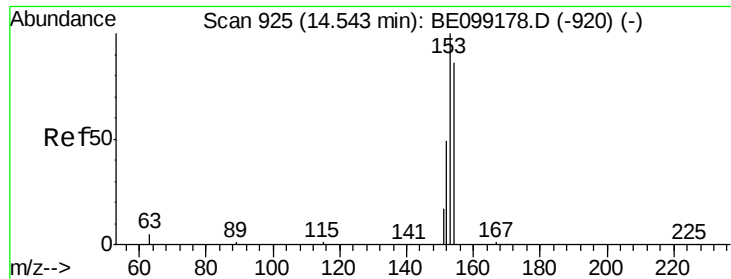
Tot Ion:172 Resp: 25366
Ion Ratio Lower Upper
172 100
171 33.9 27.4 41.0
170 22.7 19.1 28.7



#16
Acenaphthylene
Concen: 0.323 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:152 Resp: 30560
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 12.9 10.6 15.8

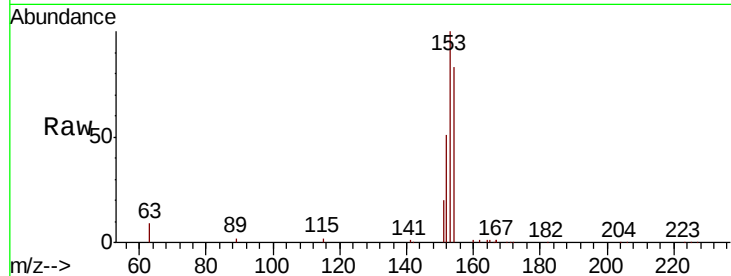




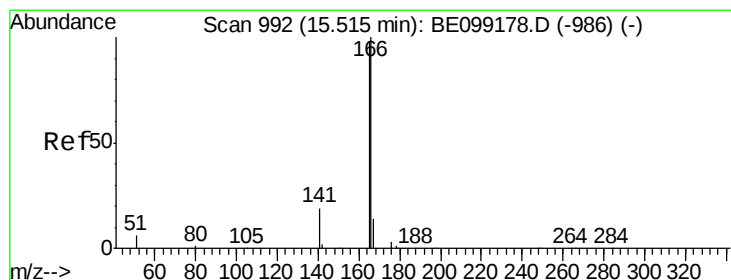
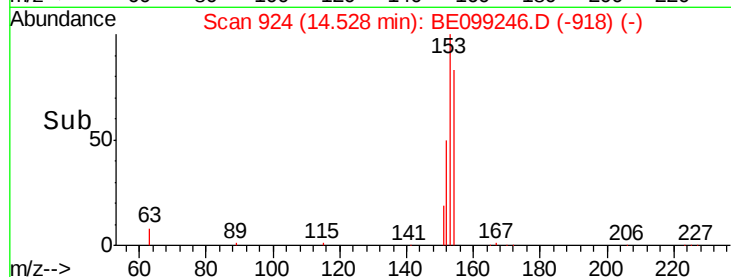
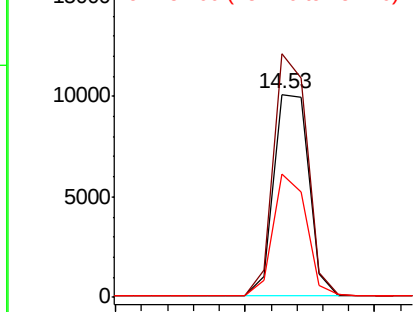
#17
Acenaphthene
Concen: 0.338 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 19133
Ion Ratio Lower Upper
154 100
153 115.1 93.4 140.0
152 56.7 46.6 69.8

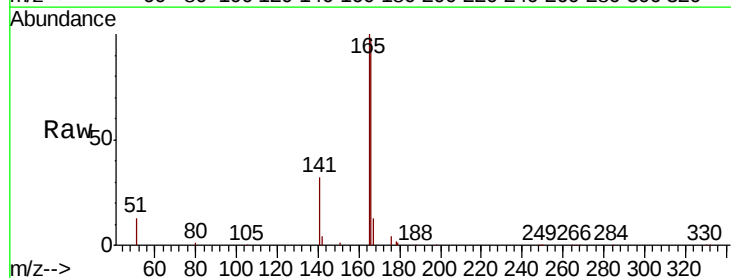


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

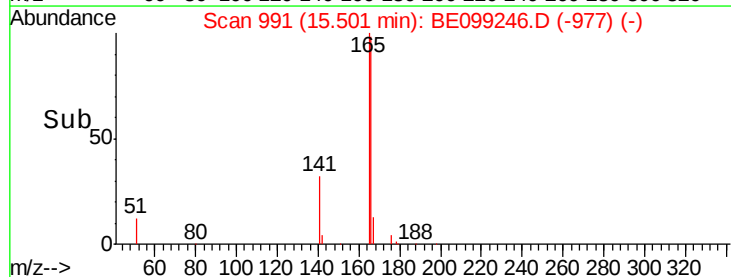
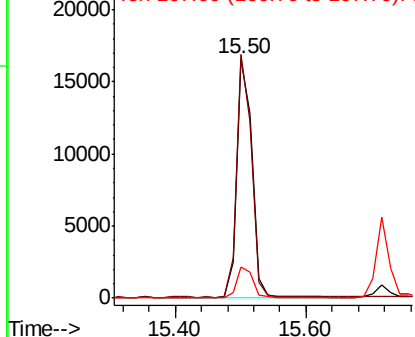


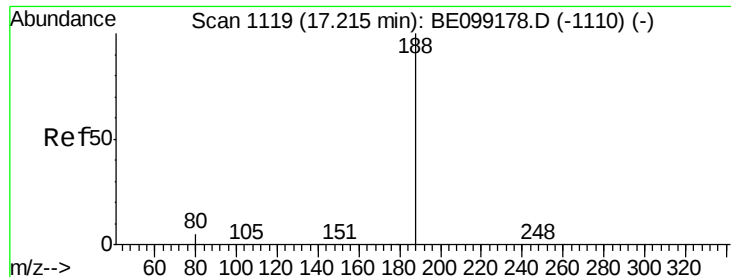
#18
Fluorene
Concen: 0.337 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:166 Resp: 26852
Ion Ratio Lower Upper
166 100
165 99.8 78.9 118.3
167 13.4 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

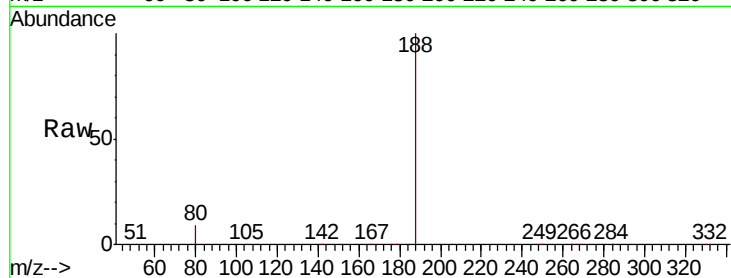
Tot Ion:188 Resp: 48936

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

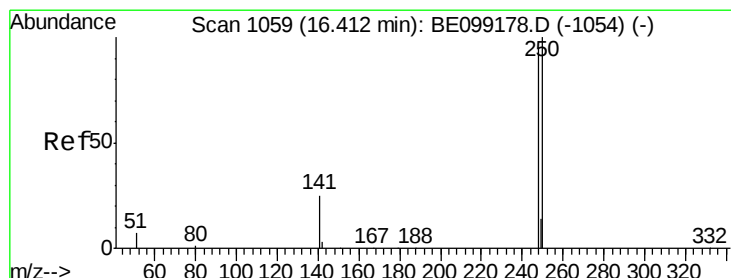
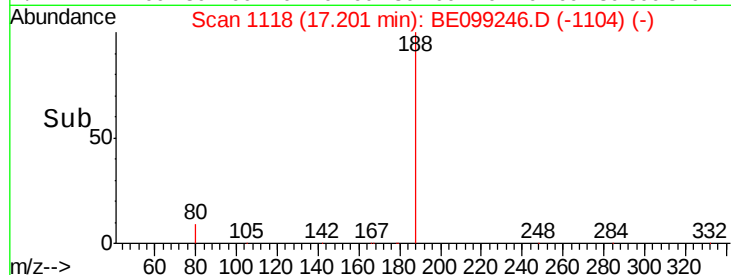
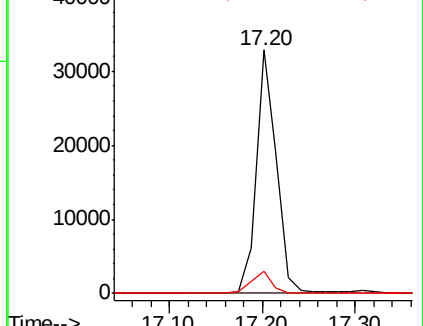
80 9.0 4.5 6.7#



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: 0.313 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

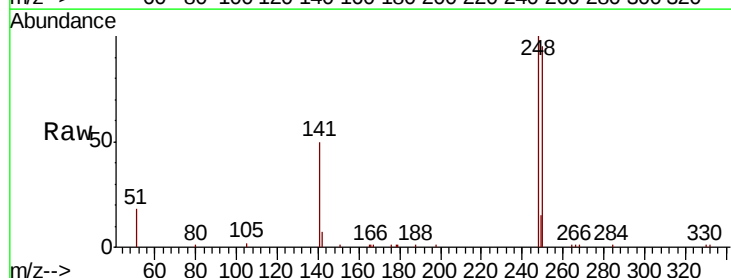
Tgt Ion:248 Resp: 9889

Ion Ratio Lower Upper

248 100

250 94.6 84.2 126.2

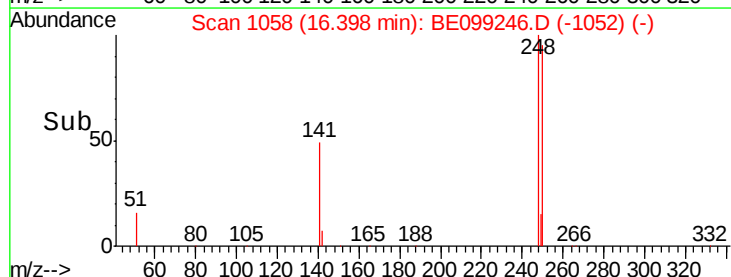
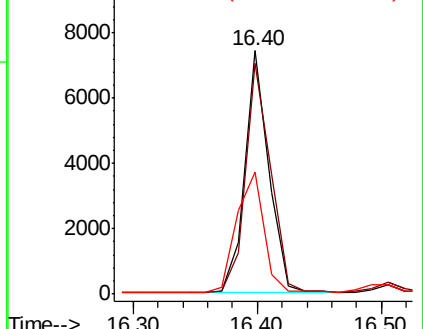
141 49.9 21.8 32.6#

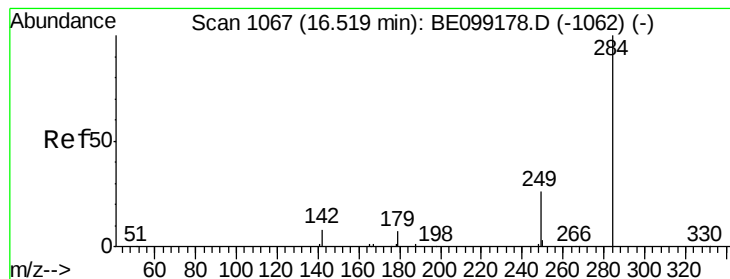


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.325 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

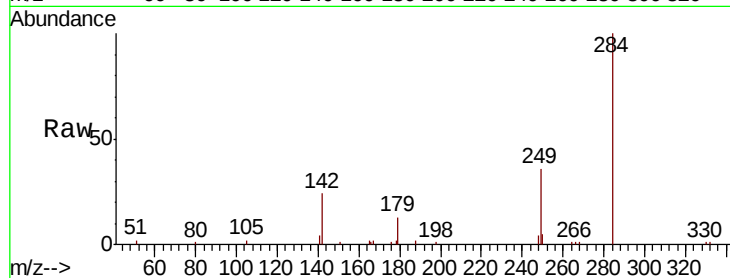
Tot Ion:284 Resp: 9910

Ion	Ratio	Lower	Upper
284	100		
142	29.2	22.7	34.1
249	33.5	26.9	40.3

284 100

142 29.2 22.7 34.1

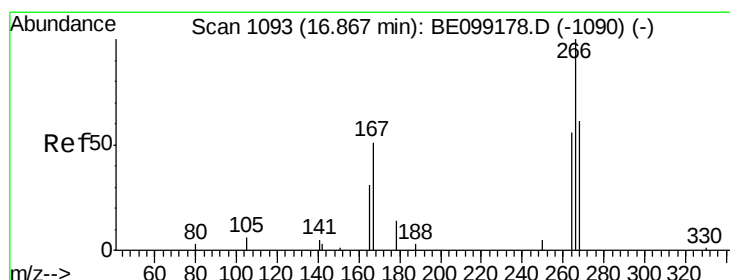
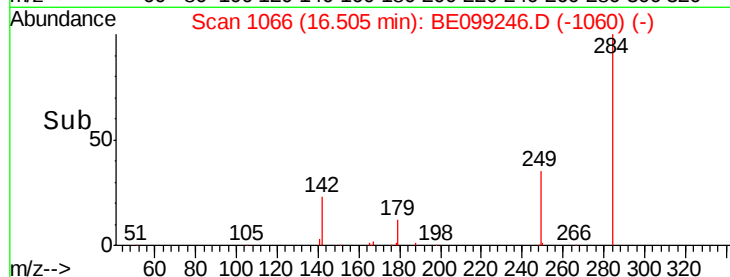
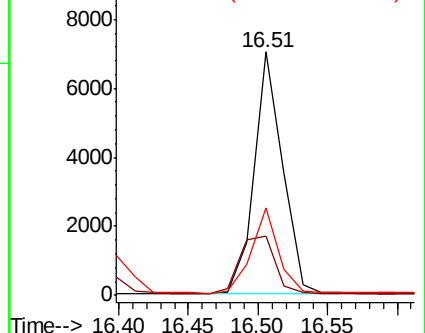
249 33.5 26.9 40.3



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: 0.522 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

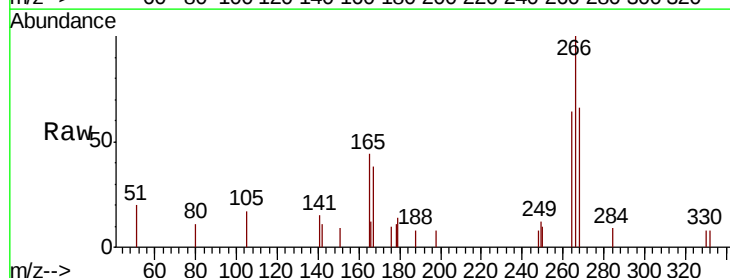
Tgt Ion:266 Resp: 1286

Ion	Ratio	Lower	Upper
266	100		
264	64.1	54.4	81.6
268	66.0	61.3	91.9

266 100

264 64.1 54.4 81.6

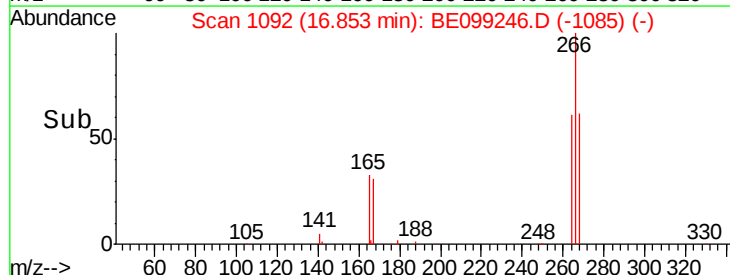
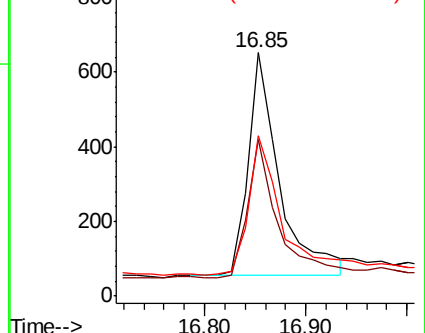
268 66.0 61.3 91.9

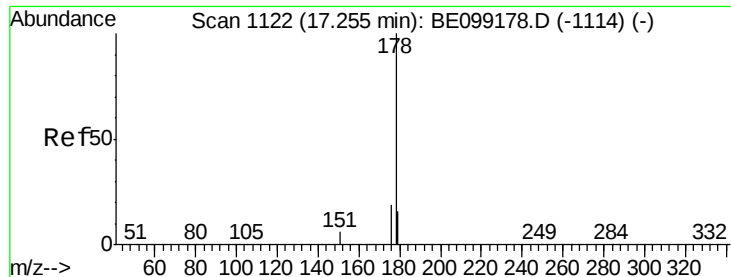


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.329 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

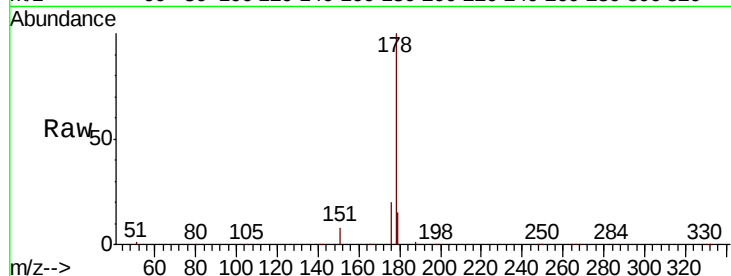
Tot Ion:178 Resp: 47209

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

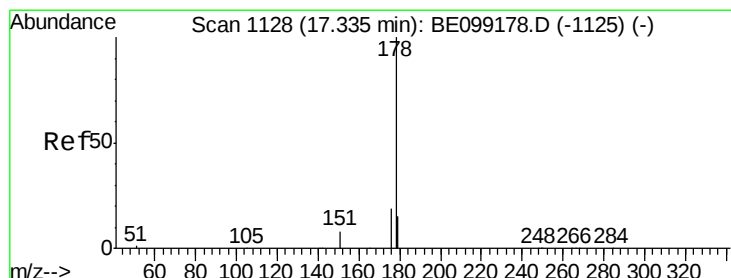
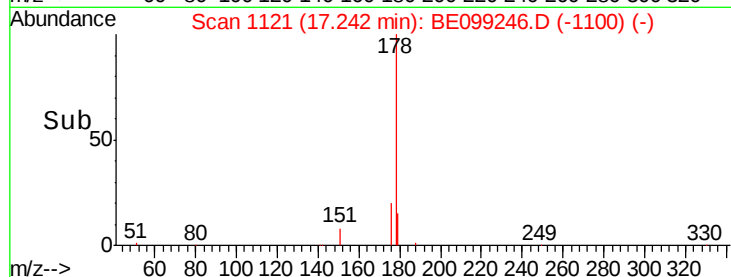
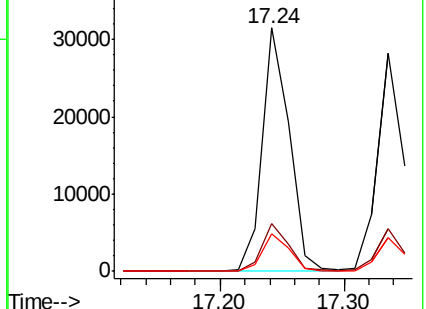
179 15.4 12.3 18.5



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: 0.315 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

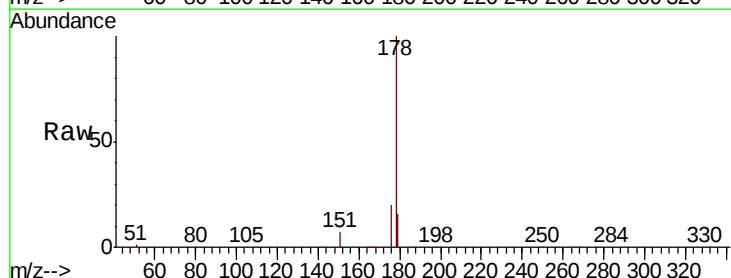
Tgt Ion:178 Resp: 40948

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

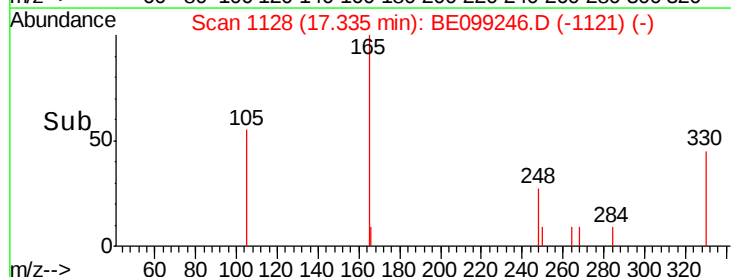
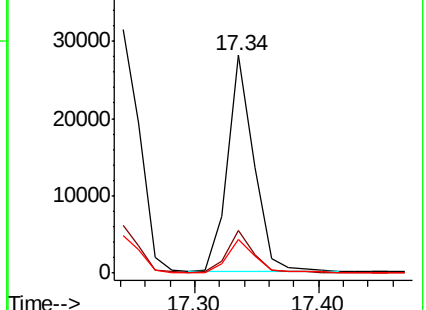
179 15.6 12.4 18.6

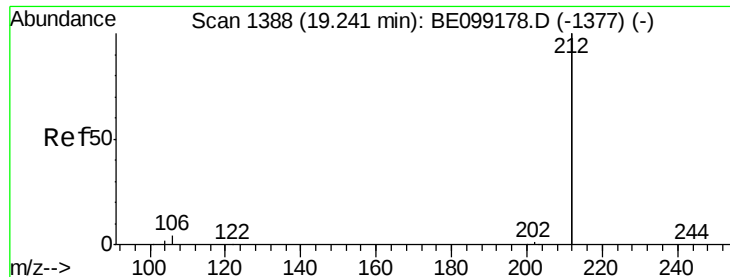


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.345 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

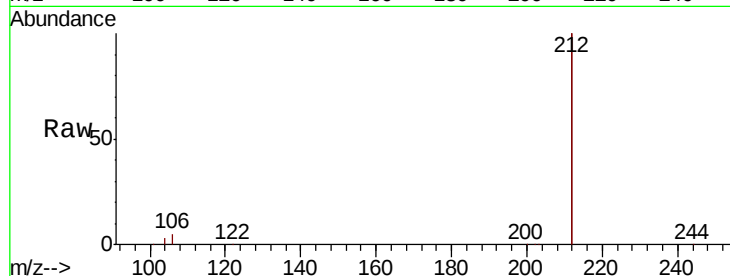
Tot Ion:212 Resp: 204608

Ion Ratio Lower Upper

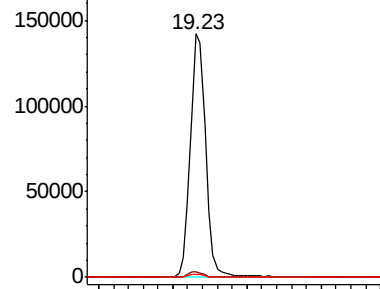
212 100

106 2.3 1.8 2.8

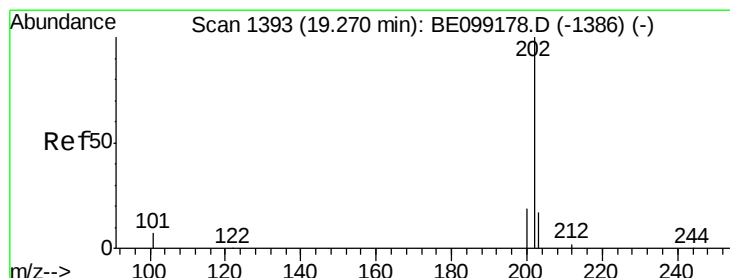
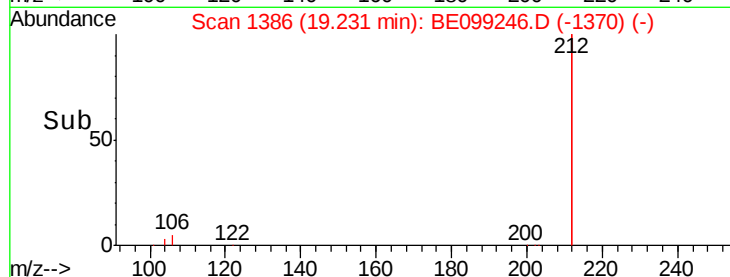
104 1.3 1.1 1.7



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



Time--> 19.10 19.20 19.30 19.40



#26

Fluoranthene

Concen: 0.330 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

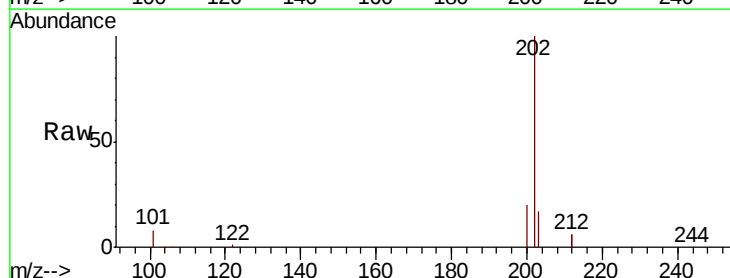
Tgt Ion:202 Resp: 60462

Ion Ratio Lower Upper

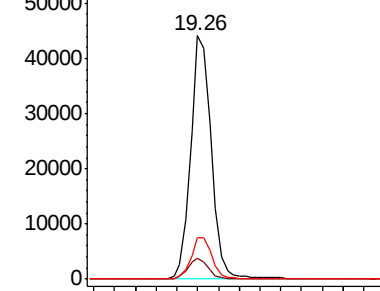
202 100

101 8.2 7.0 10.4

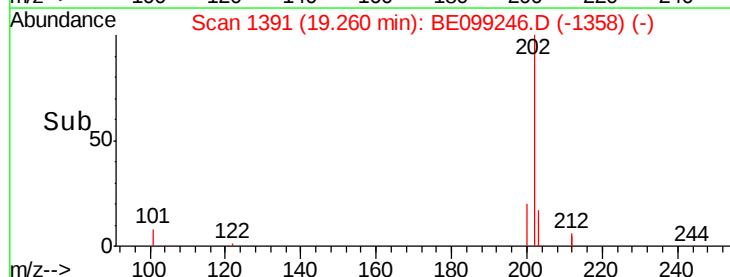
203 17.0 13.8 20.6



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



Time--> 19.20 19.30 19.40

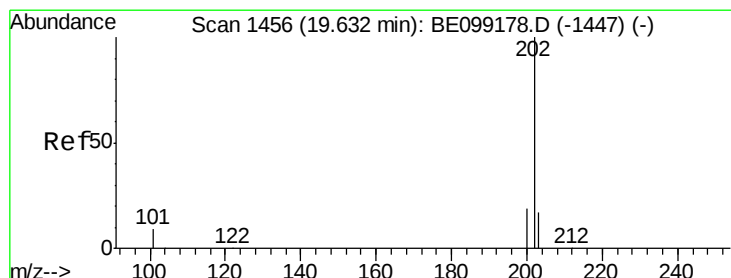
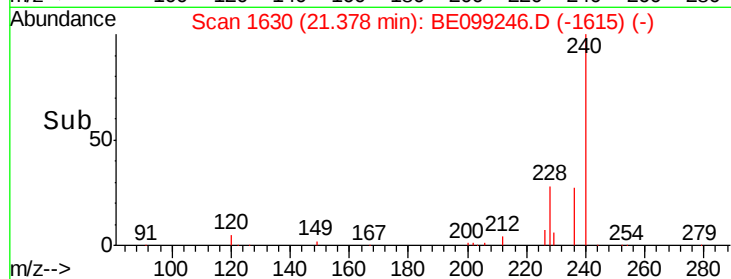
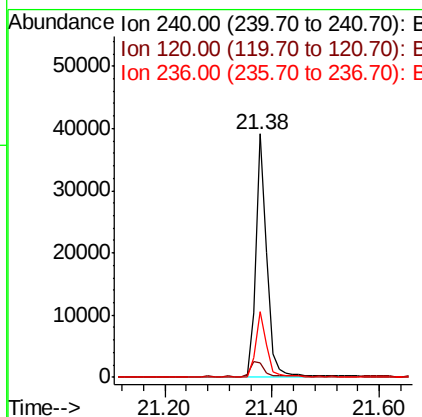
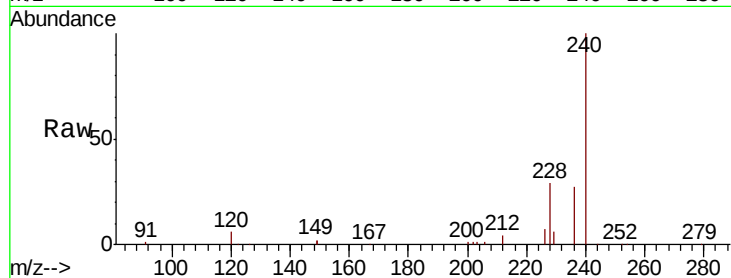




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BE099246.D
 Acq: 27 Mar 2019 12:28

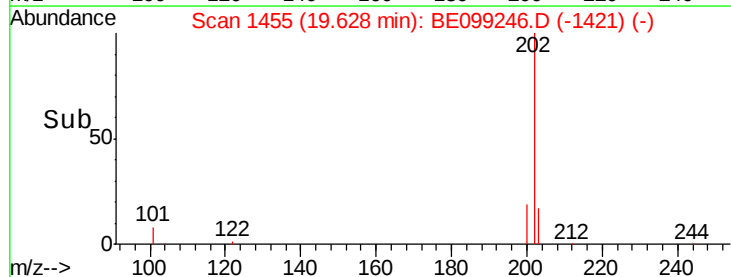
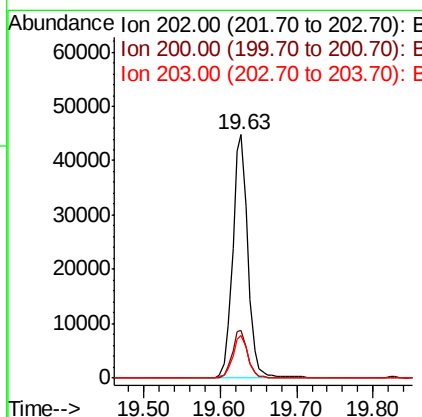
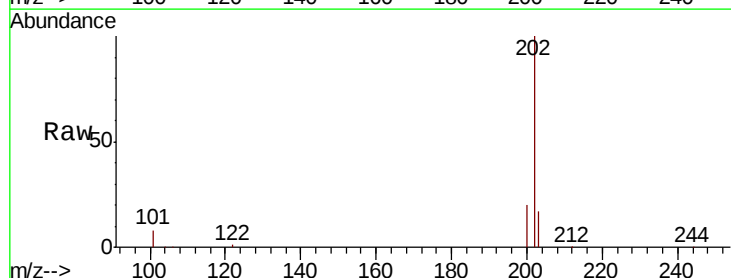
Instrument :
 BNA_E
 ClientSampled :

Tot Ion:240 Resp: 56318
 Ion Ratio Lower Upper
 240 100
 120 5.8 2.6 3.8#
 236 27.1 20.9 31.3



#28
 Pyrene
 Concen: 0.331 ng
 RT: 19.63 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BE099246.D
 Acq: 27 Mar 2019 12:28

Tgt Ion:202 Resp: 61940
 Ion Ratio Lower Upper
 202 100
 200 19.5 15.8 23.8
 203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.328 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

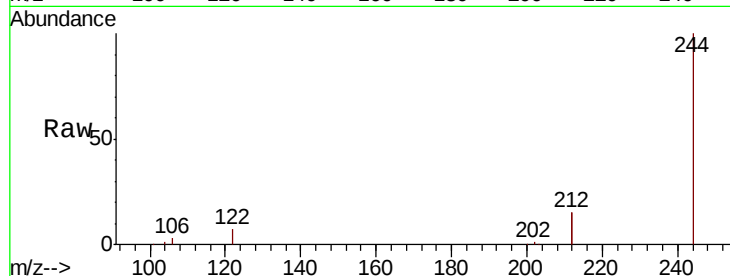
Tot Ion:244 Resp: 40139

Ion Ratio Lower Upper

244 100

212 29.6 22.7 34.1

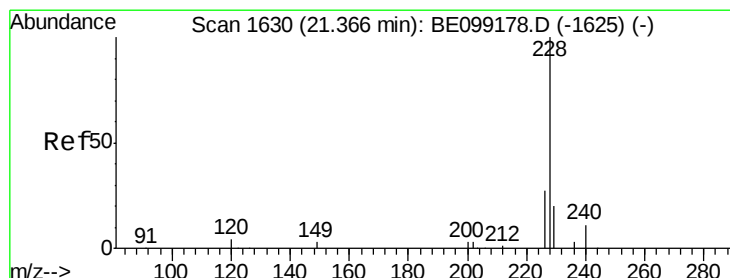
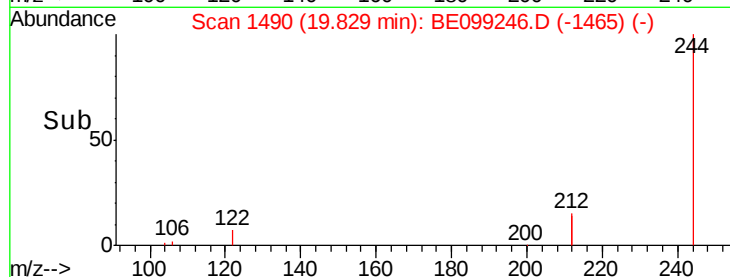
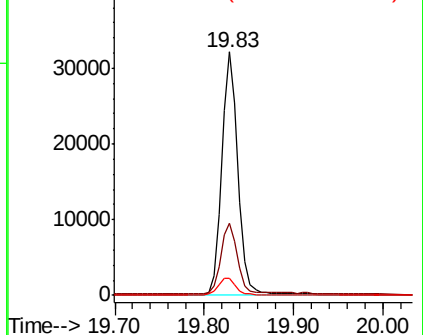
122 7.2 5.8 8.6



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: 0.316 ng

RT: 21.37 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

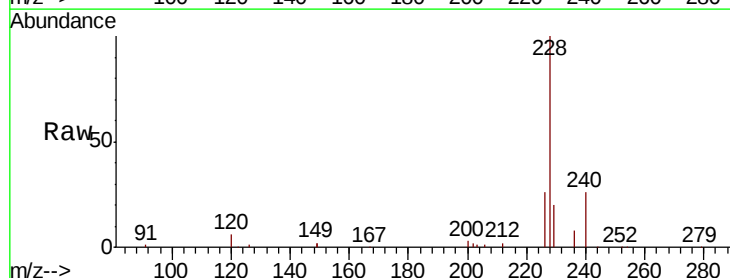
Tgt Ion:228 Resp: 58743

Ion Ratio Lower Upper

228 100

226 26.3 21.7 32.5

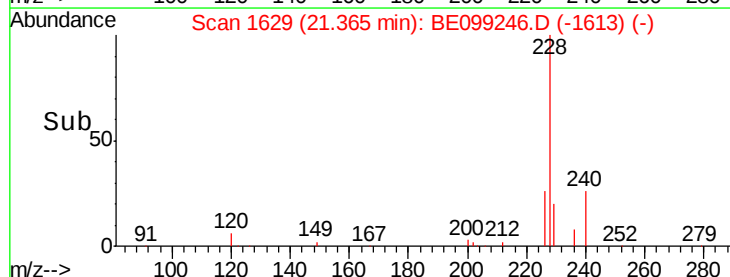
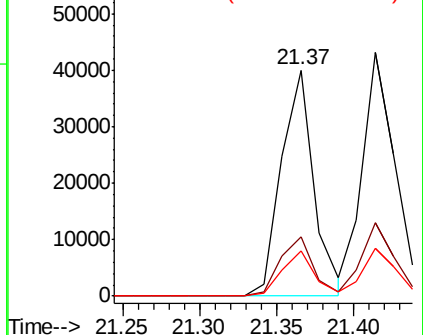
229 20.0 15.9 23.9

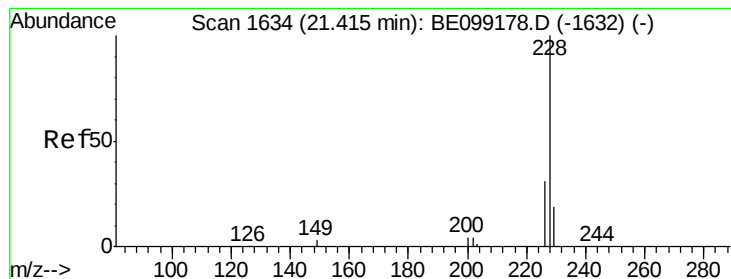


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.325 ng

RT: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

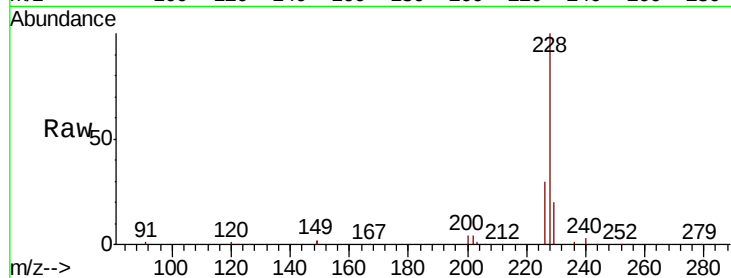
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 64630

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	19.6	15.4	23.0

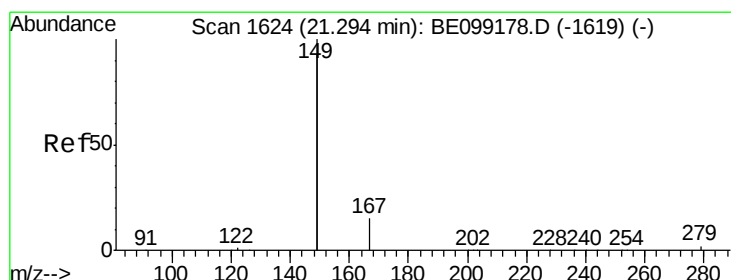
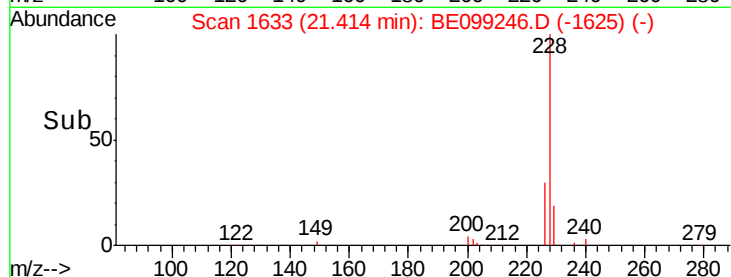
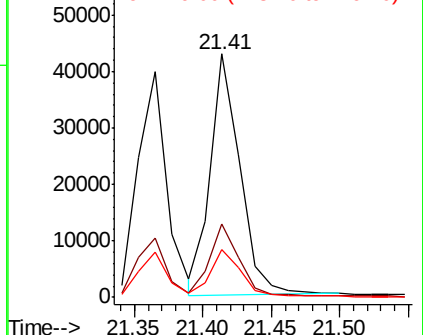


Abundance

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: 0.333 ng

RT: 21.28 min Scan# 1622

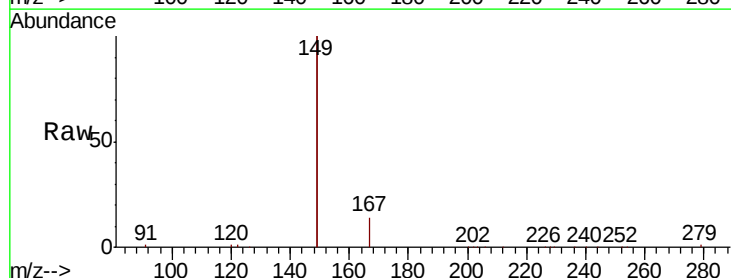
Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Tgt Ion:149 Resp: 73833

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.2	1.0	1.6

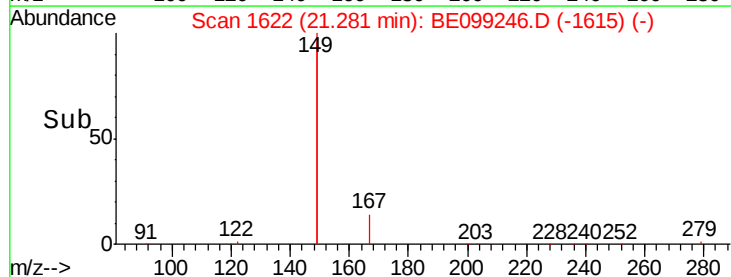
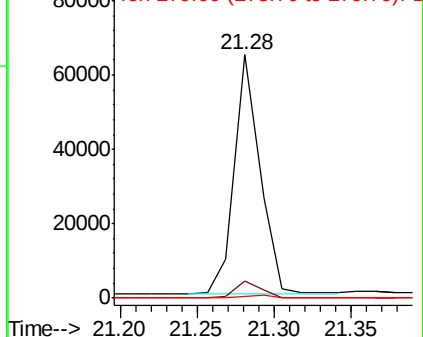


Abundance

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

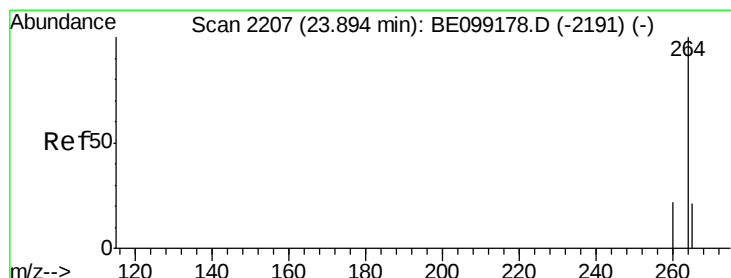
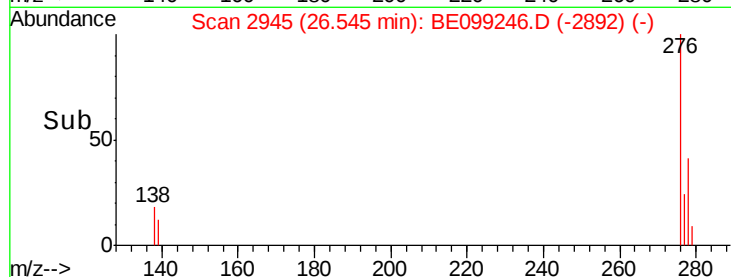
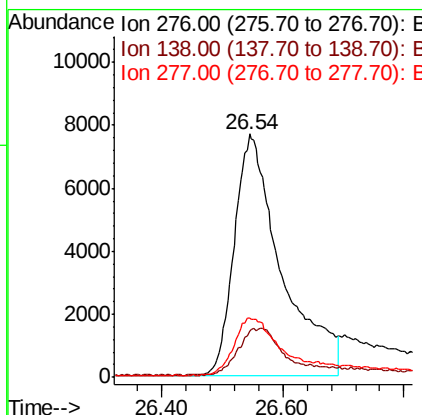
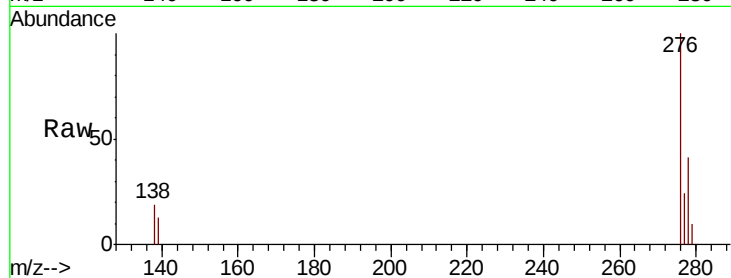




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng
RT: 26.54 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

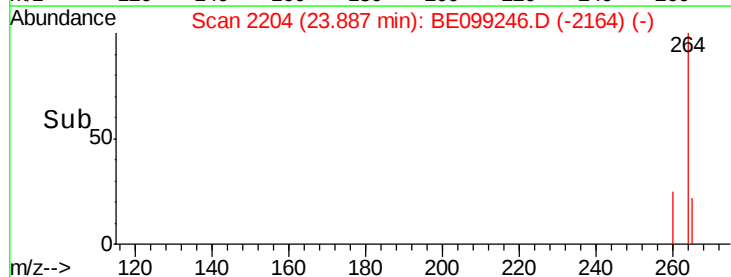
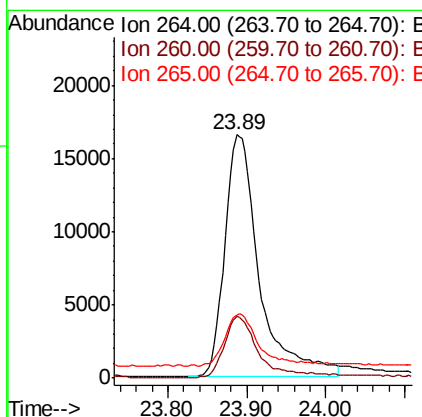
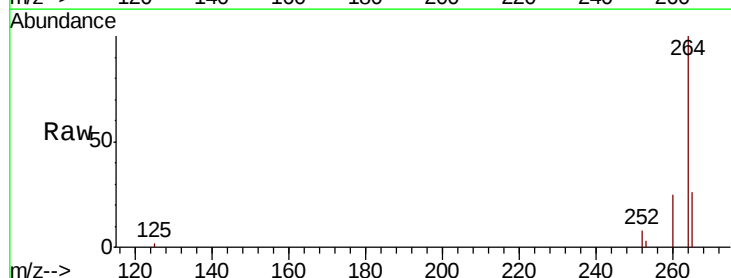
Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 41569
Ion Ratio Lower Upper
276 100
138 7.4 12.9 19.3#
277 22.6 18.3 27.5



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:264 Resp: 50447
Ion Ratio Lower Upper
264 100
260 25.2 18.2 27.2
265 26.2 21.8 32.8





#35

Benzo(b)fluoranthene

Concen: 0.367 ng

RT: 23.17 min Scan# 2002

Delta R.T. 0.05 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

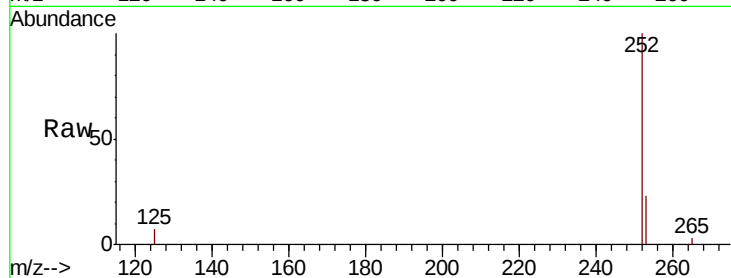
Tot Ion:252 Resp: 60947

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

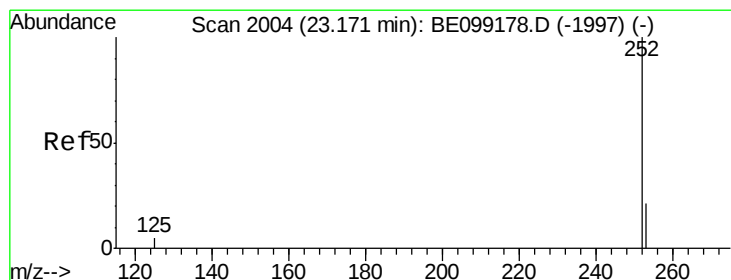
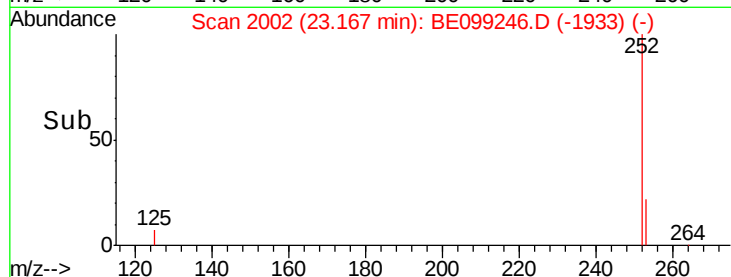
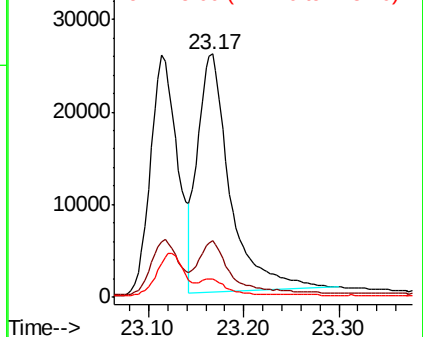
125 7.5 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.354 ng

RT: 23.17 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

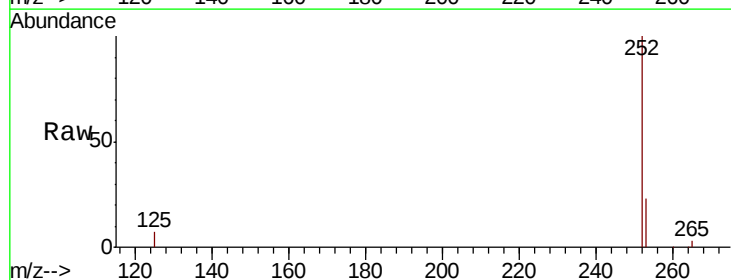
Tgt Ion:252 Resp: 62142

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

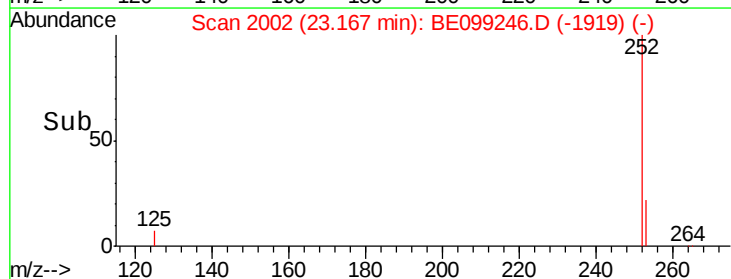
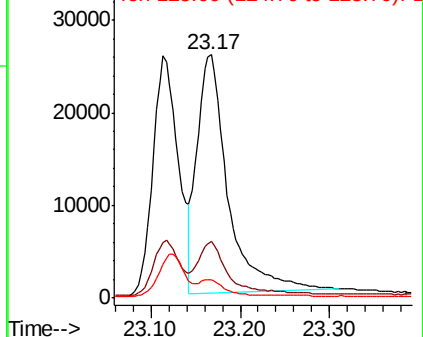
125 7.5 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

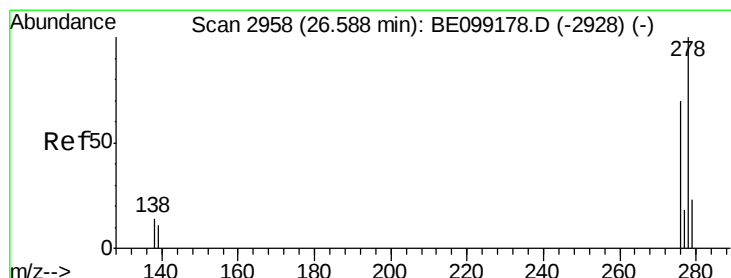
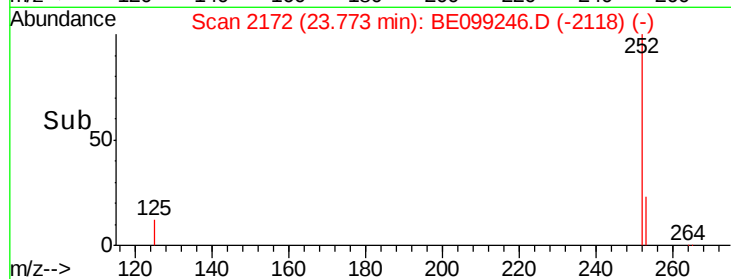
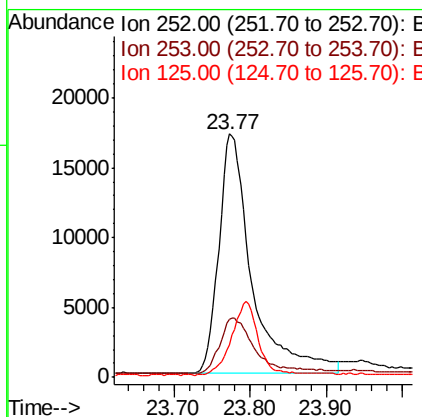
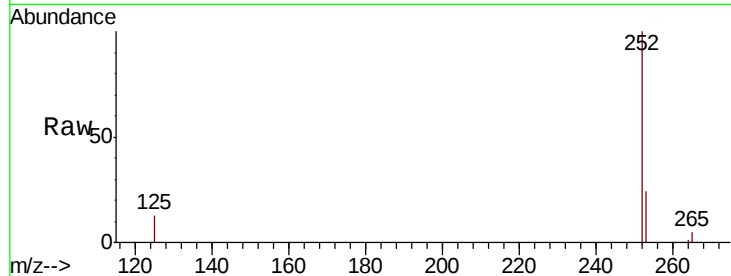




#37
Benzo(a)pyrene
Concen: 0.338 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

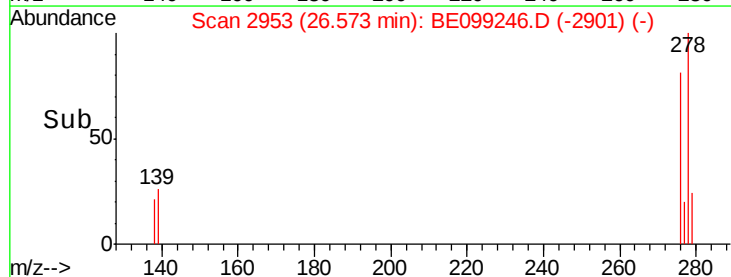
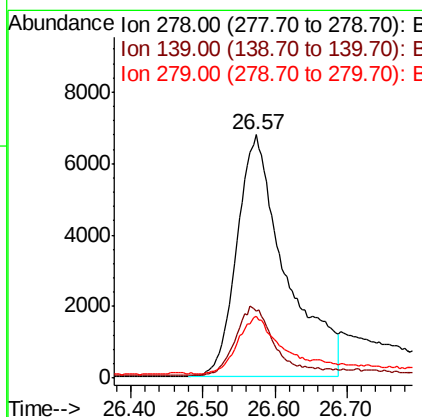
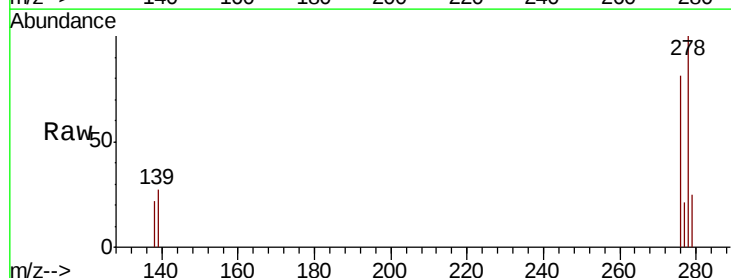
Instrument :
BNA_E
ClientSampleId :

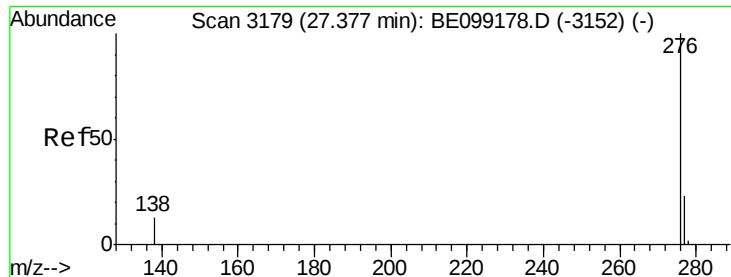
Tot Ion:252 Resp: 52381
Ion Ratio Lower Upper
252 100
253 23.8 18.1 27.1
125 13.3 6.8 10.2#



#38
Dibenzo(a,h)anthracene
Concen: 0.225 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BE099246.D
Acq: 27 Mar 2019 12:28

Tgt Ion:278 Resp: 30944
Ion Ratio Lower Upper
278 100
139 27.3 9.5 14.3#
279 25.4 19.1 28.7





#39

Benzo(a,h,i)perylene

Concen: 0.250 ng

RT: 27.37 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BE099246.D

Acq: 27 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

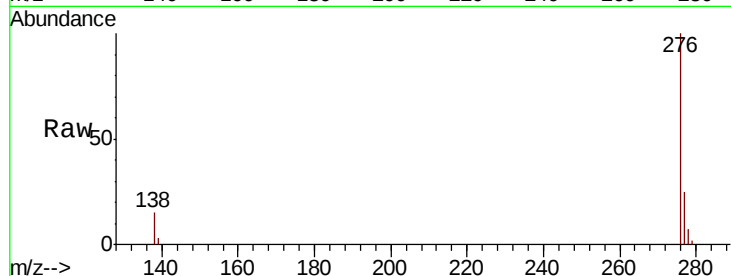
Tot Ion: 276 Resp: 34511

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 14.8 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

