

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
 Data File : BE099412.D
 Acq On : 29 Apr 2019 17:18
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 29 18:05:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 16:46:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2131	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8219	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6513	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19789	0.40	ng	0.00
27) Chrysene-d12	21.37	240	29402	0.40	ng	0.00
34) Perylene-d12	23.87	264	30634	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	19085	3.67	ng	0.00
5) Phenol-d6	6.96	99	26780	3.60	ng	0.00
8) Nitrobenzene-d5	8.96	82	26525	4.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	49747	3.43	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	14535	6.72	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	78753	3.08	ng	-0.01
25) Fluoranthene-d10	19.22	212	858584	3.61	ng	0.00
29) Terphenyl-d14	19.82	244	179238	3.10	ng	0.00

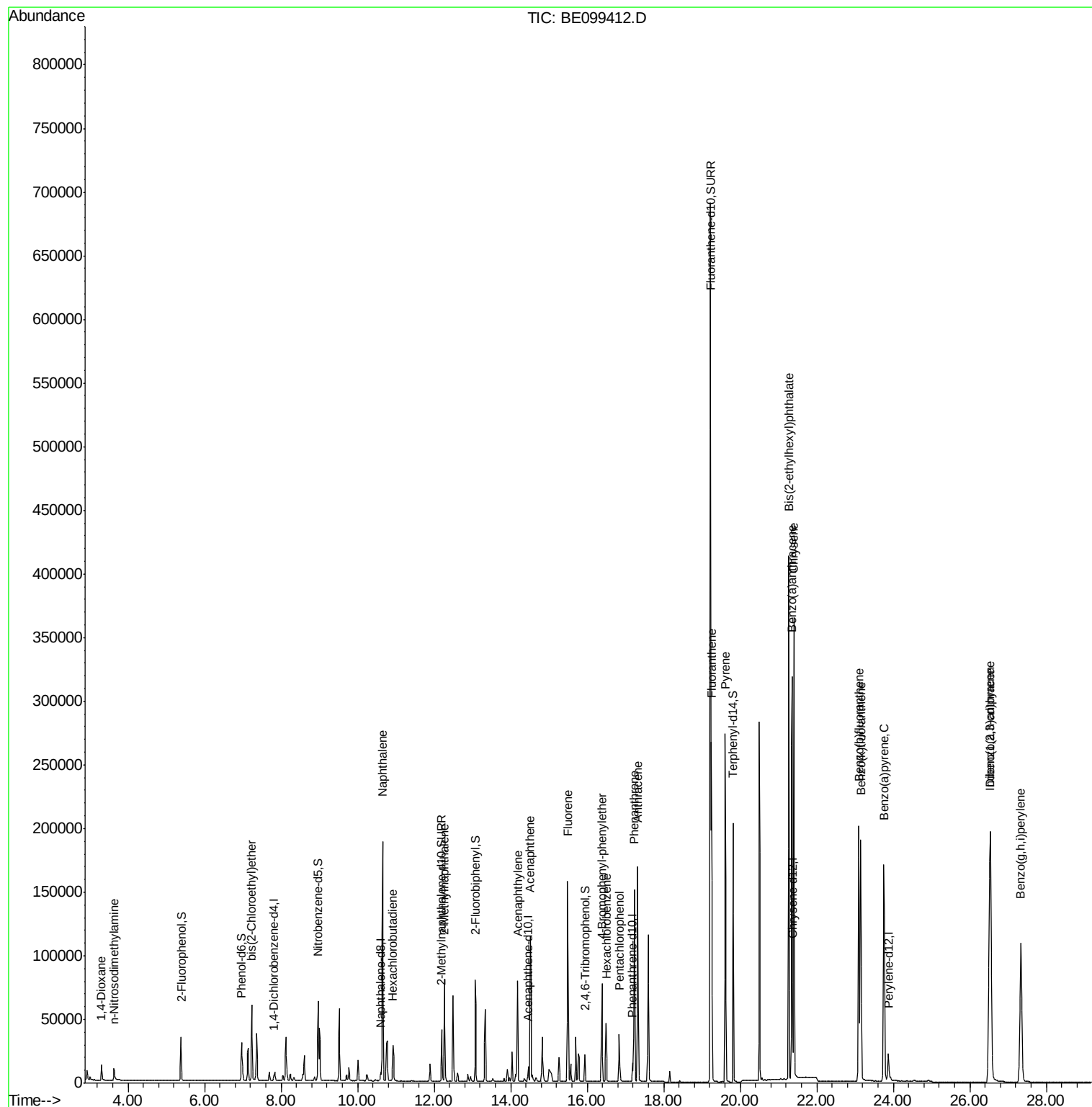
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	8954	3.001	ng	96
3) n-Nitrosodimethylamine	3.62	42	6242	3.888	ng	# 95
6) bis(2-Chloroethyl)ether	7.23	93	22013	3.175	ng	97
9) Naphthalene	10.65	128	292311	3.260	ng	99
10) Hexachlorobutadiene	10.93	225	19656	3.453	ng	99
12) 2-Methylnaphthalene	12.27	142	52874	3.466	ng	96
16) Acenaphthylene	14.18	152	105089	3.570	ng	99
17) Acenaphthene	14.52	154	60226	3.320	ng	98
18) Fluorene	15.49	166	88570	3.398	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	37901	3.457	ng	95
21) Hexachlorobenzene	16.49	284	36417	3.456	ng	99
22) Pentachlorophenol	16.84	266	18759	6.603	ng	99
23) Phenanthrene	17.23	178	162443	3.100	ng	99
24) Anthracene	17.32	178	164378	3.526	ng	100
26) Fluoranthene	19.25	202	247124	3.523	ng	100
28) Pyrene	19.61	202	255752	2.953	ng	100
30) Benzo(a)anthracene	21.35	228	304088	3.518	ng	100
31) Chrysene	21.40	228	293510	3.191	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	444170	5.647	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	343149	3.778	ng	99
35) Benzo(b)fluoranthene	23.10	252	291591	3.109	ng	# 98
36) Benzo(k)fluoranthene	23.15	252	279895	2.994	ng	98
37) Benzo(a)pyrene	23.75	252	274058	3.262	ng	# 96
38) Dibenzo(a,h)anthracene	26.54	278	282419	3.290	ng	97
39) Benzo(g,h,i)perylene	27.33	276	279455	3.209	ng	98

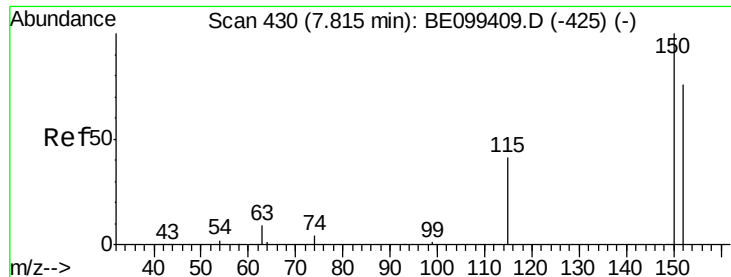
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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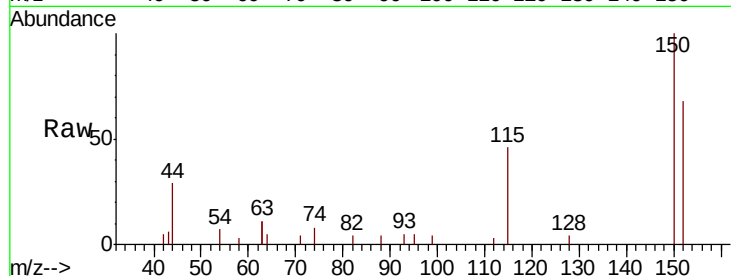


#1

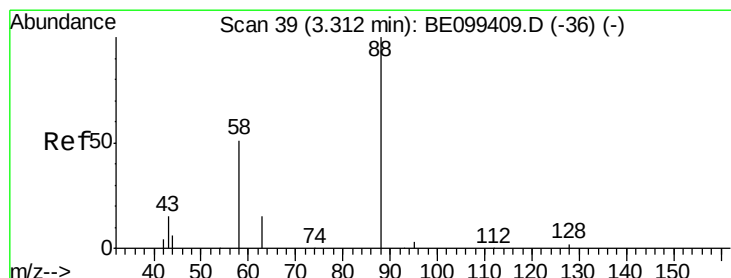
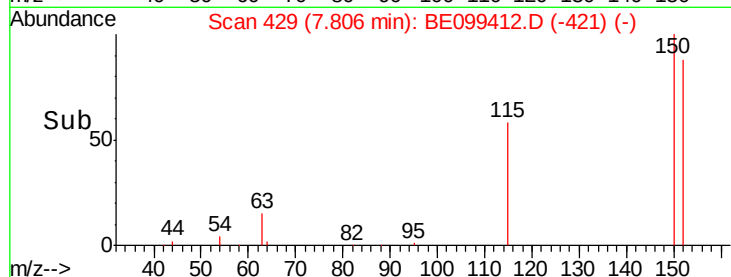
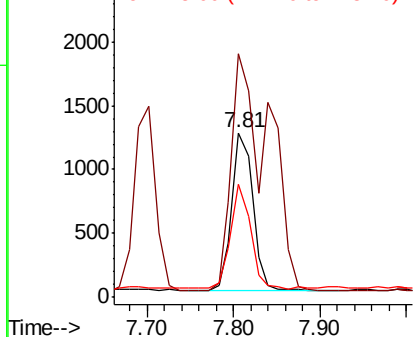
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2131
Ion Ratio Lower Upper
152 100
150 147.9 104.8 157.2
115 68.4 46.6 69.8



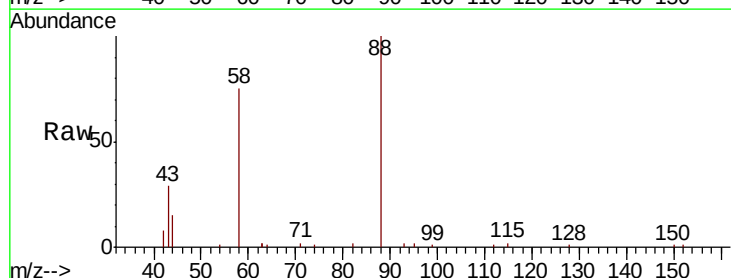
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



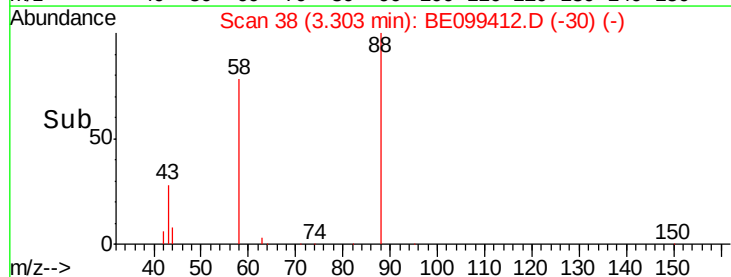
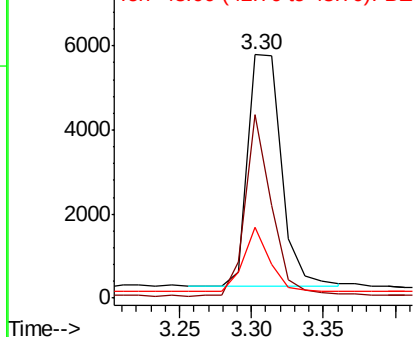
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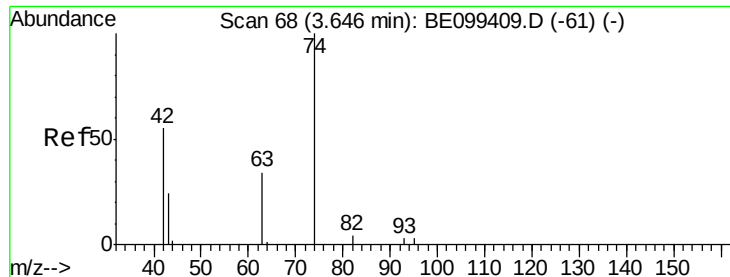
1,4-Dioxane
Concen: 3.001 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion: 88 Resp: 8954
Ion Ratio Lower Upper
88 100
58 61.2 51.0 76.6
43 22.1 20.6 30.8



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



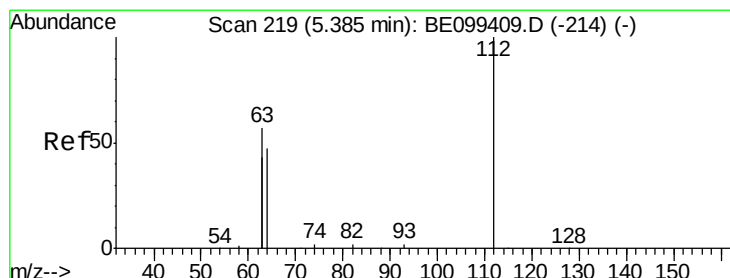
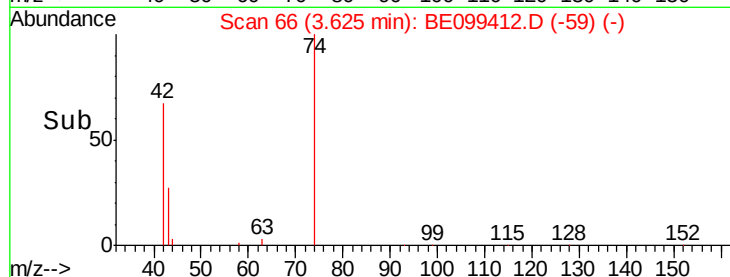
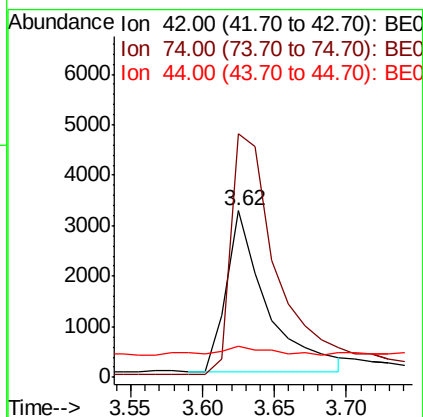
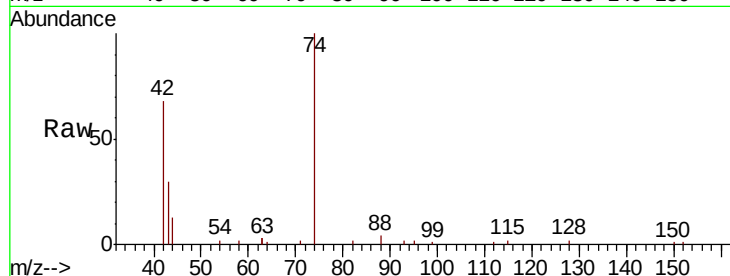


#3

n-Nitrosodimethylamine
 Concen: 3.888 ng
 RT: 3.62 min Scan# 66
 Delta R.T. -0.02 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_E
 ClientSampleId :

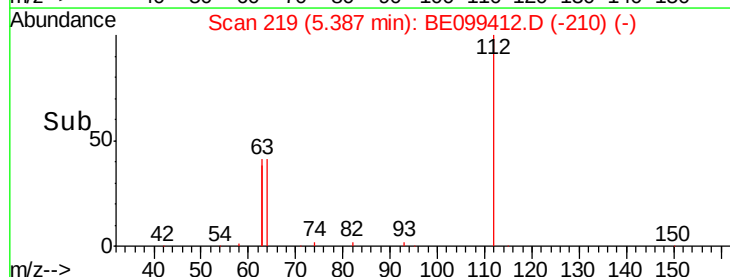
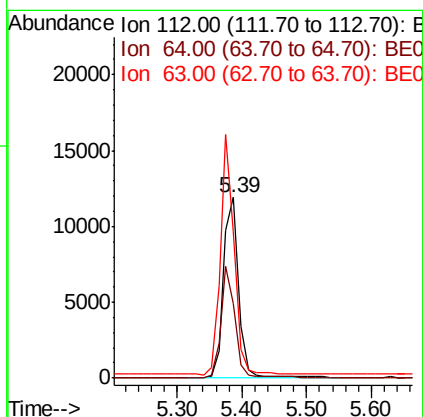
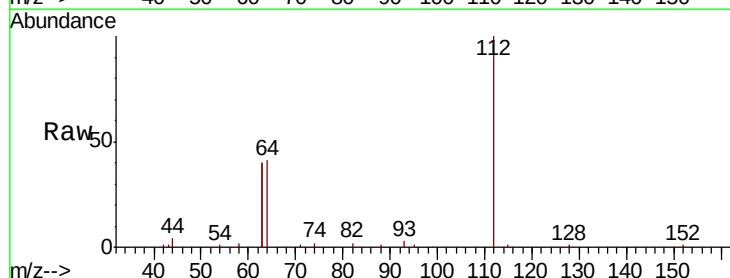
Tot Ion: 42 Resp: 6242
 Ion Ratio Lower Upper
 42 100
 74 170.2 141.6 212.4
 44 7.8 0.0 0.0#

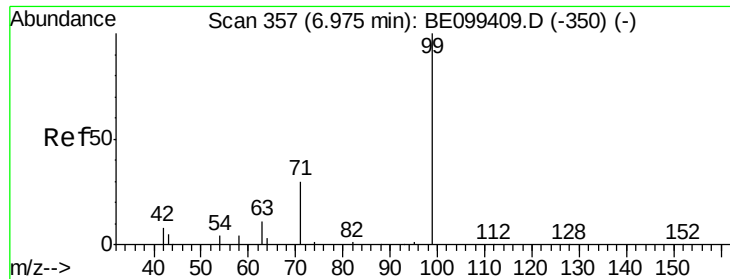


#4

2-Fluorophenol
 Concen: 3.665 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

Tgt Ion: 112 Resp: 19085
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.4 71.0
 63 122.2 104.3 156.5





#5

Phenol-d6

Concen: 3.604 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

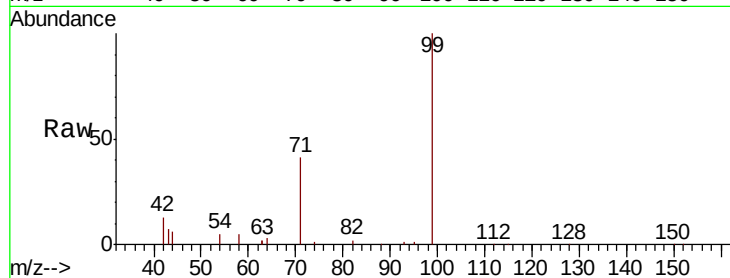
Tot Ion: 99 Resp: 26780

Ion Ratio Lower Upper

99 100

42 15.0 14.9 22.3

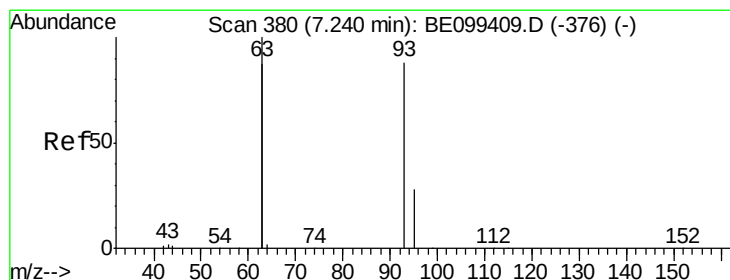
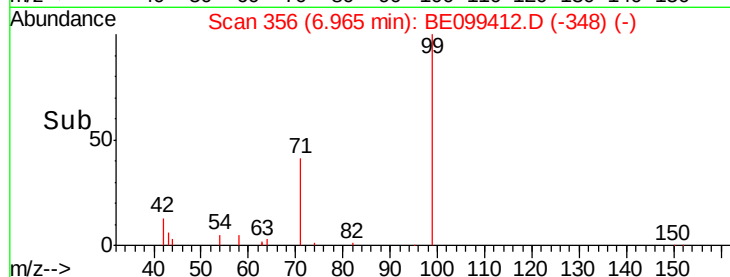
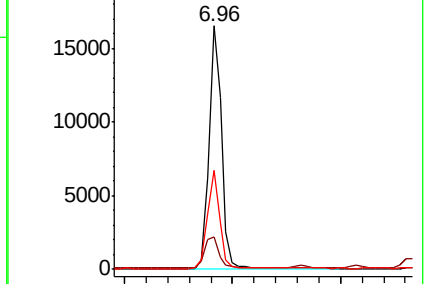
71 38.5 33.0 49.6



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: 3.175 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

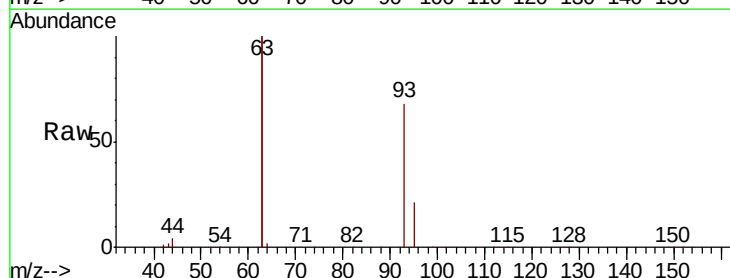
Tgt Ion: 93 Resp: 22013

Ion Ratio Lower Upper

93 100

63 274.7 215.6 323.4

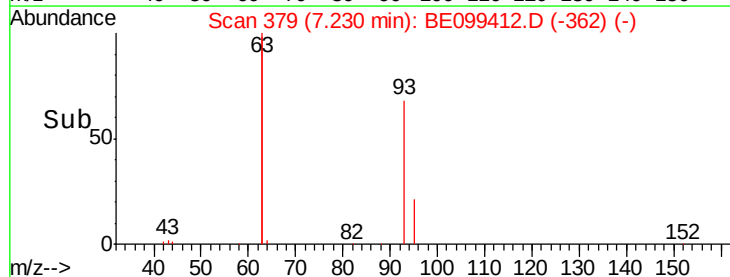
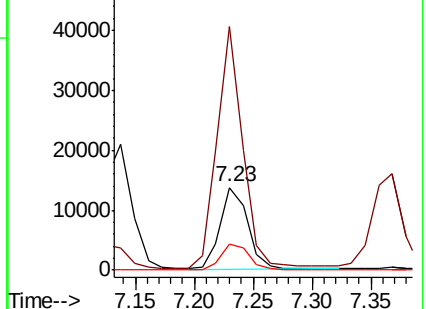
95 32.1 26.2 39.2

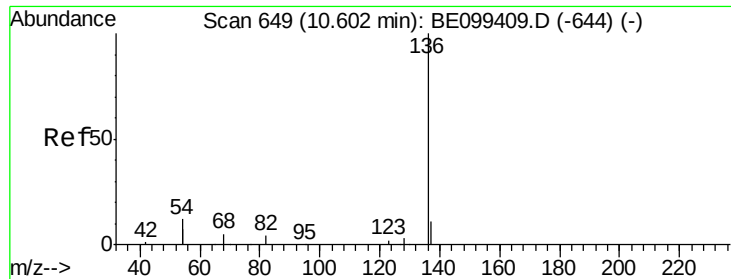


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 8219

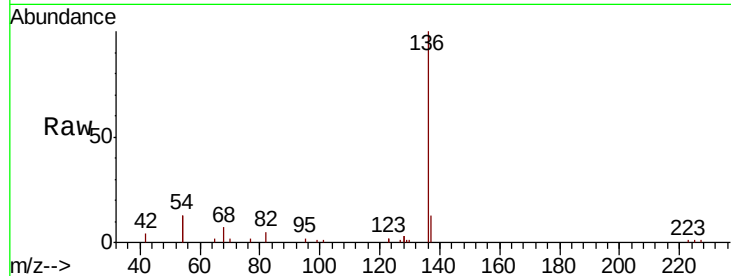
Ion Ratio Lower Upper

136 100

137 12.7 9.8 14.8

54 25.9 18.5 27.7

68 6.6 4.7 7.1

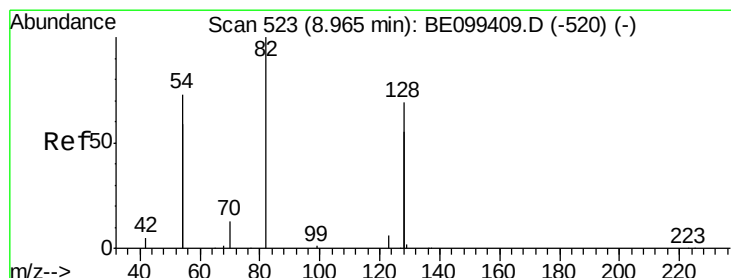
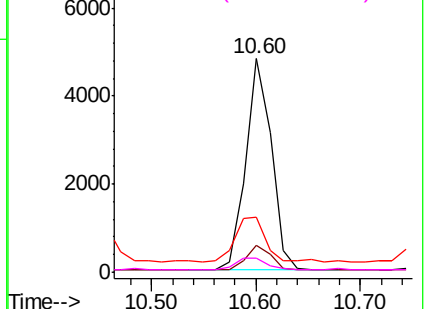
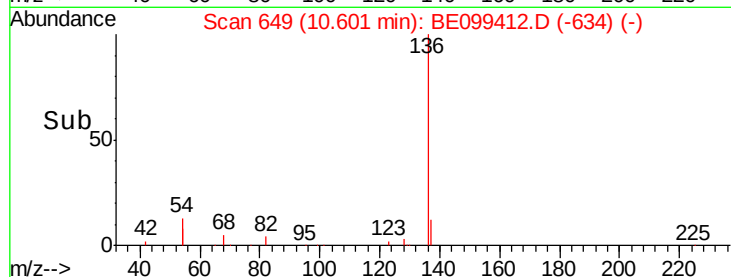


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.157 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

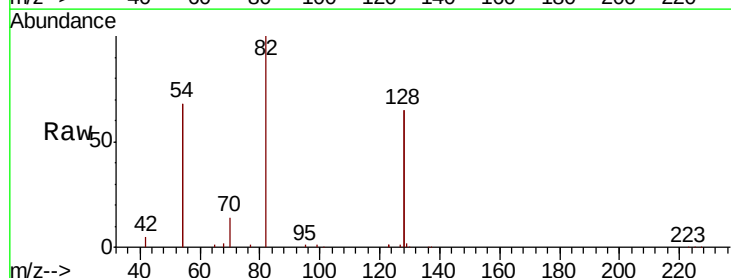
Tgt Ion: 82 Resp: 26525

Ion Ratio Lower Upper

82 100

128 129.5 107.0 160.4

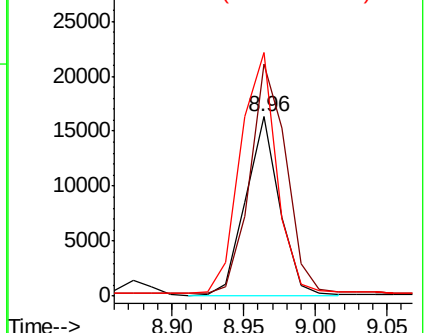
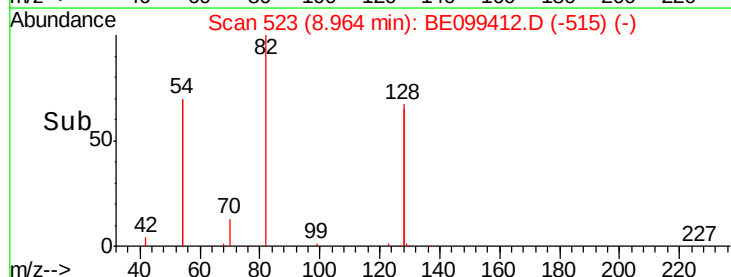
54 135.8 113.1 169.7

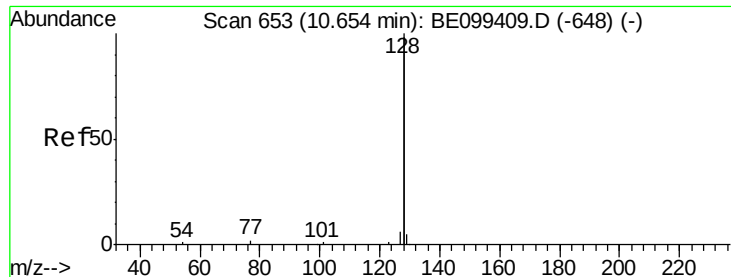


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.260 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

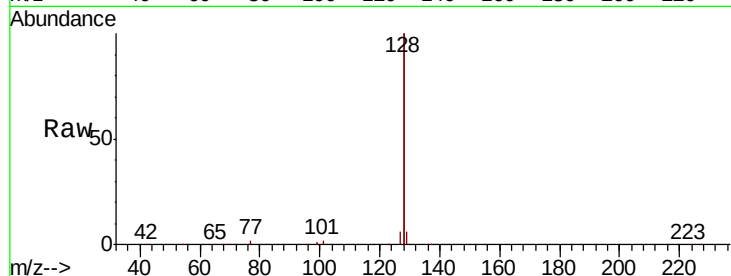
Tot Ion:128 Resp: 292311

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

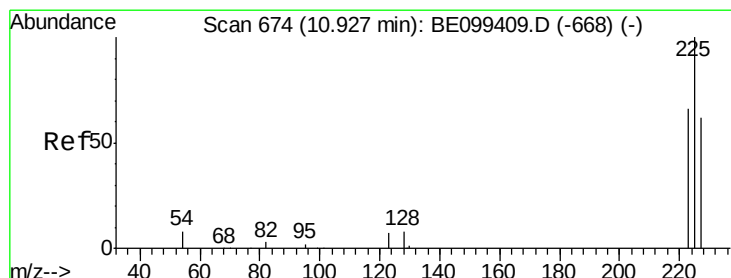
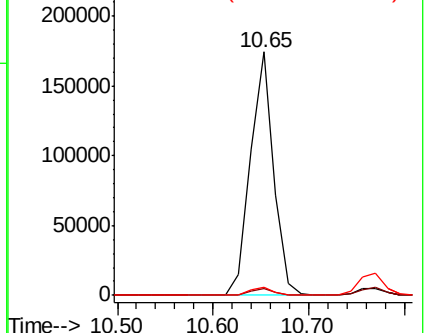
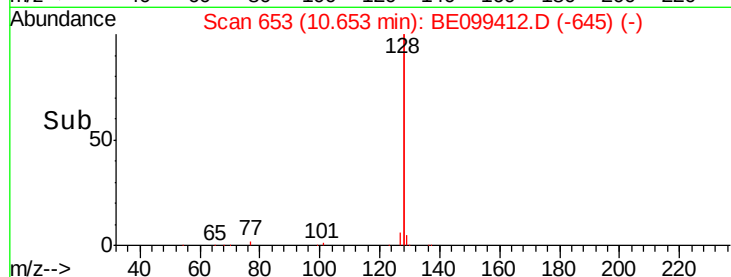
127 3.2 2.8 4.2



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: 3.453 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

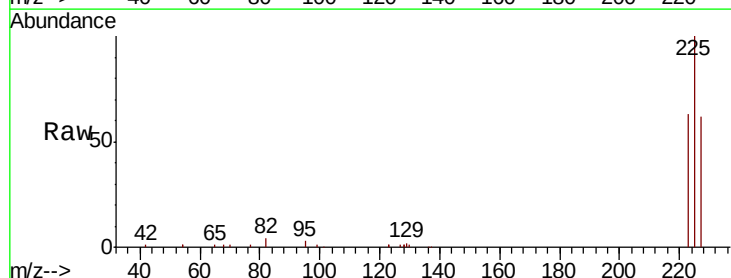
Tgt Ion:225 Resp: 19656

Ion Ratio Lower Upper

225 100

223 62.4 51.0 76.6

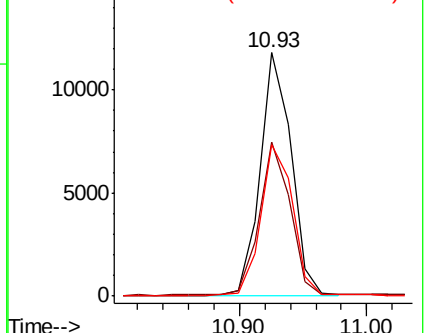
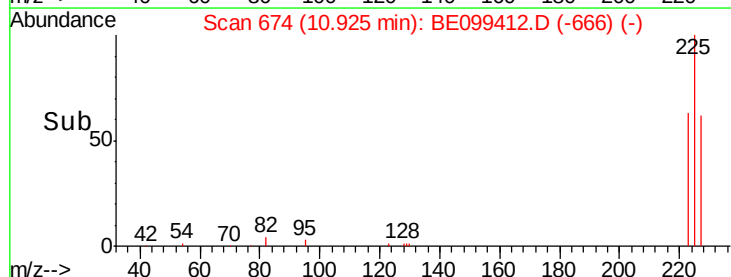
227 63.9 50.9 76.3

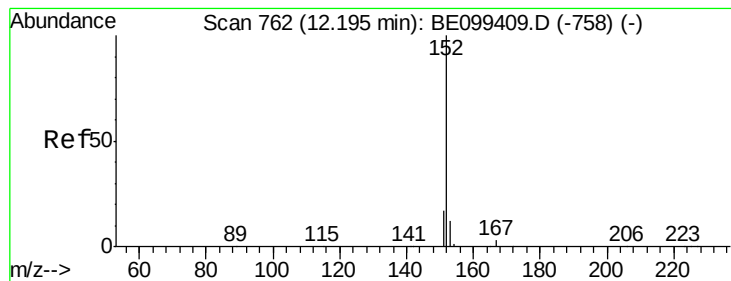


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

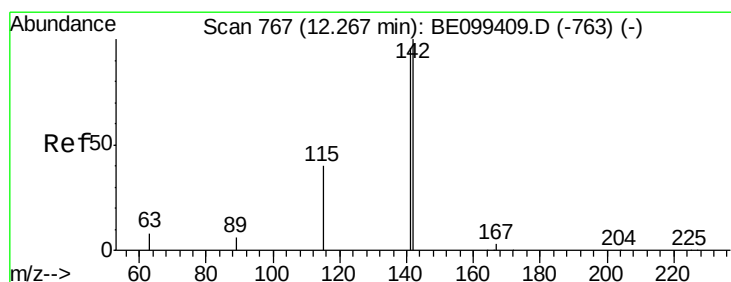
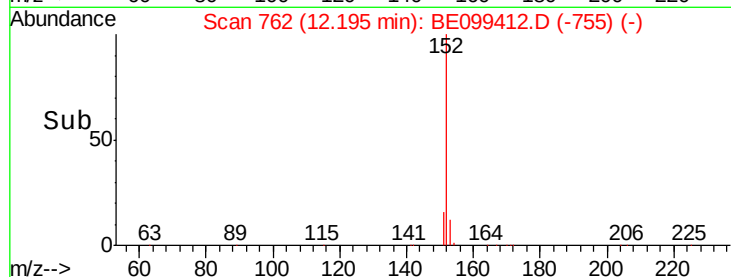
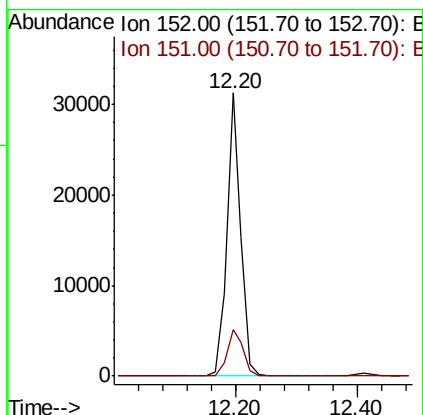
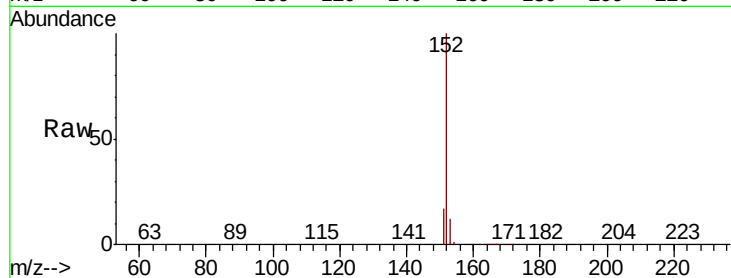




#11
 2-Methylnaphthalene-d10
 Concen: 3.430 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

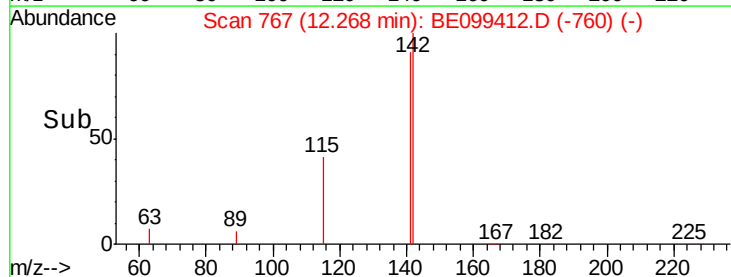
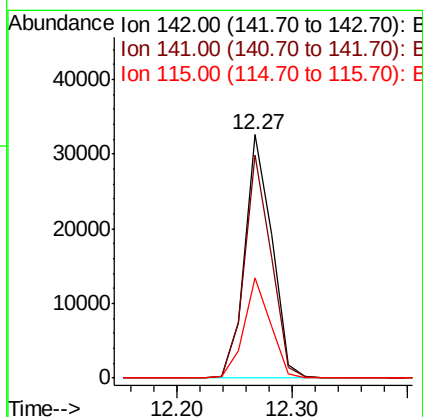
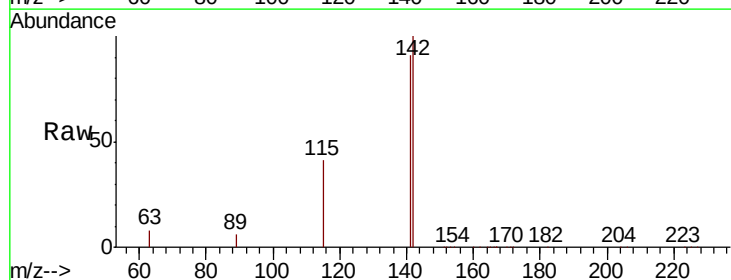
Instrument :
 BNA_E
 ClientSampleId :

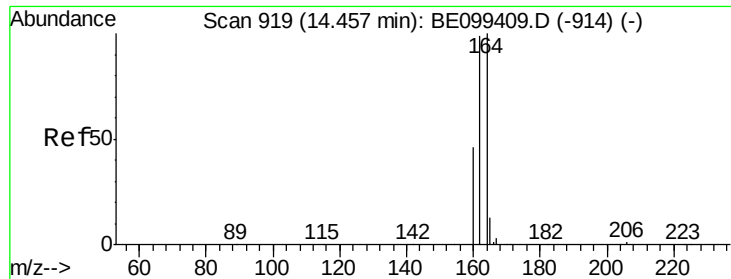
Tot Ion:152 Resp: 49747
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 3.466 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

Tgt Ion:142 Resp: 52874
 Ion Ratio Lower Upper
 142 100
 141 91.4 77.0 115.4
 115 41.2 33.4 50.0

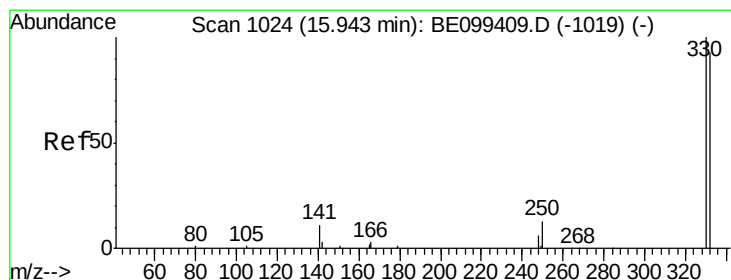
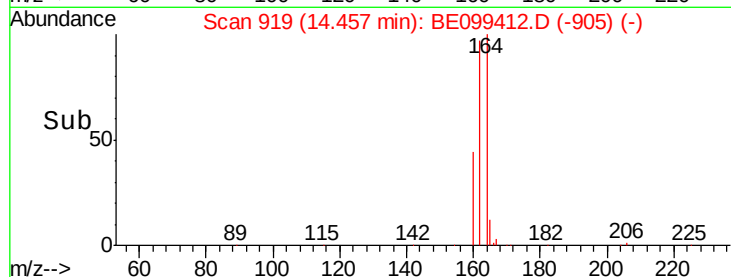
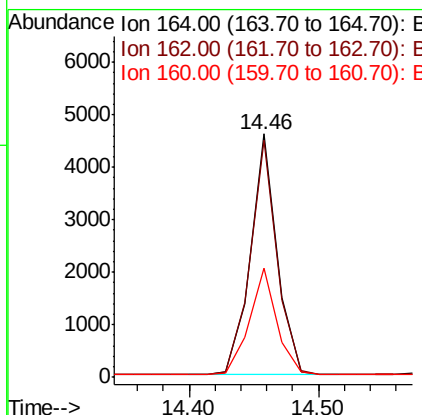
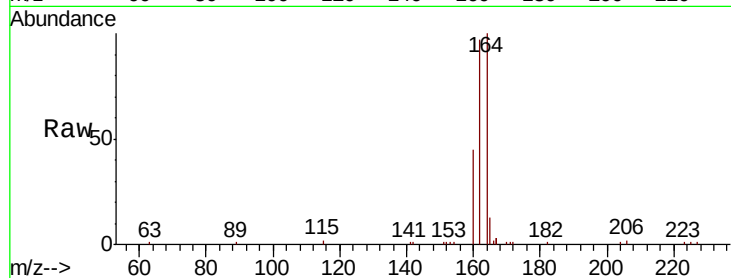




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

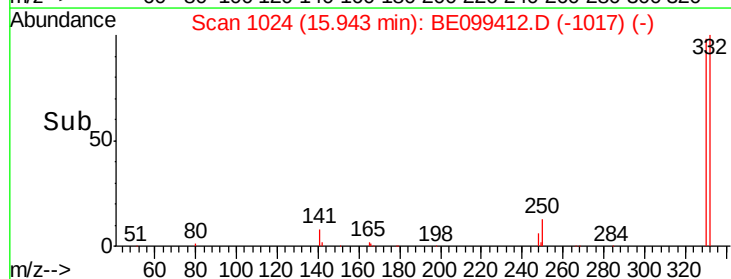
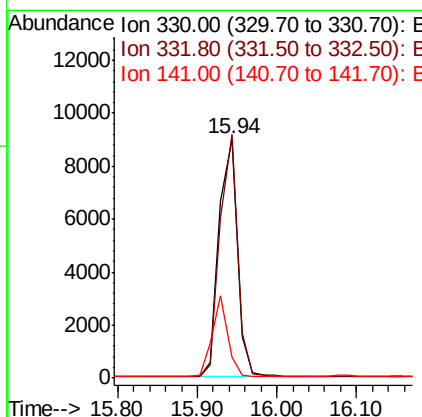
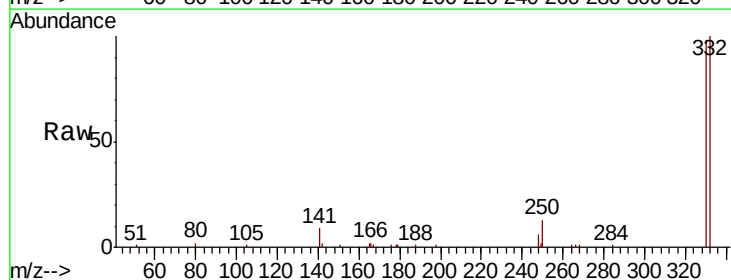
Instrument :
 BNA_E
 ClientSampleId :

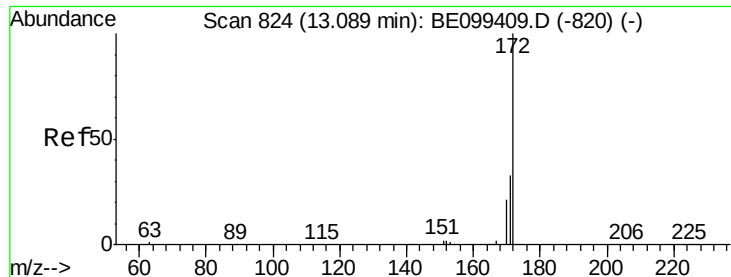
Tot Ion:164 Resp: 6513
 Ion Ratio Lower Upper
 164 100
 162 97.5 79.0 118.4
 160 44.9 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 6.719 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

Tgt Ion:330 Resp: 14535
 Ion Ratio Lower Upper
 330 100
 332 97.2 71.5 107.3
 141 29.0 24.0 36.0

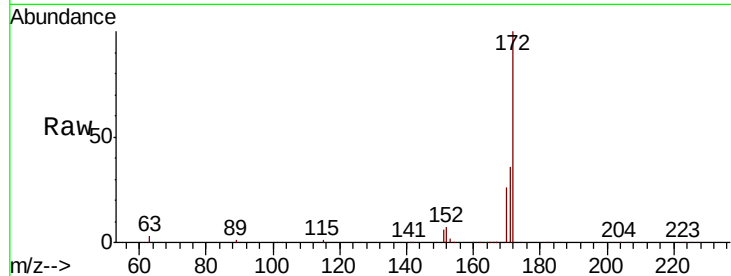




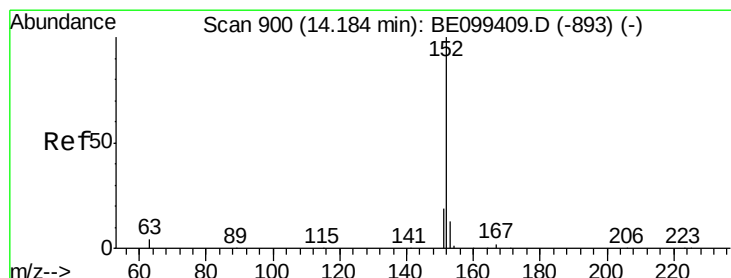
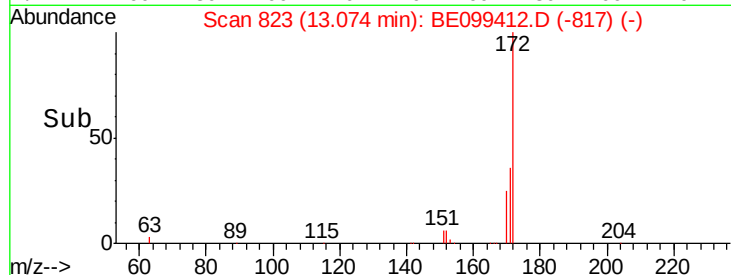
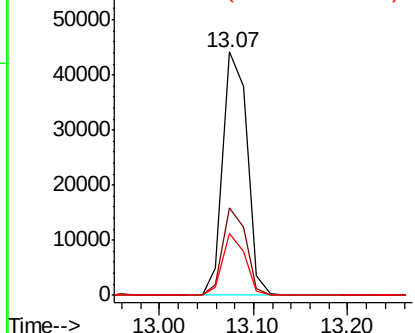
#15
2-Fluorobiphenyl
Concen: 3.076 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 78753
Ion Ratio Lower Upper
172 100
171 36.2 26.6 39.8
170 25.5 17.0 25.6

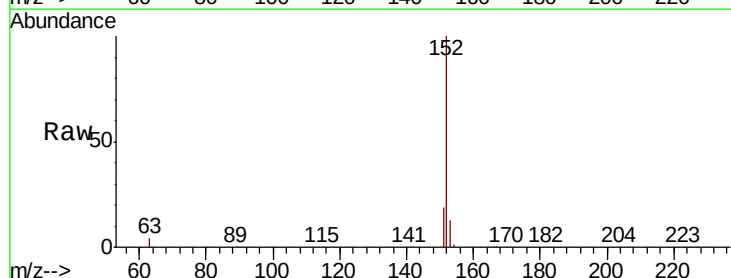


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

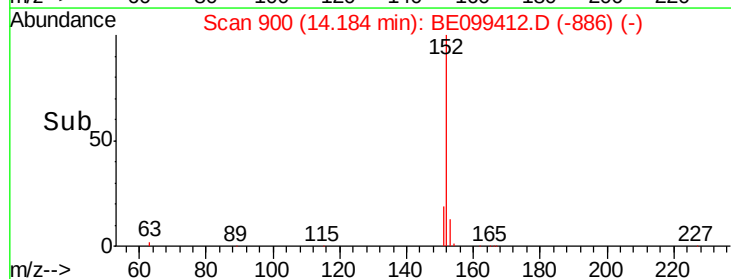
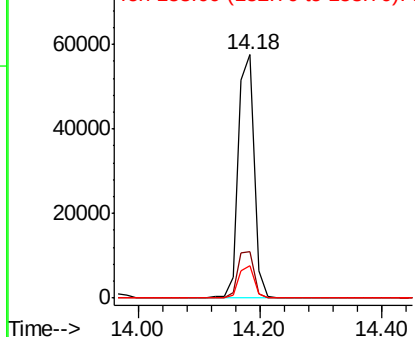


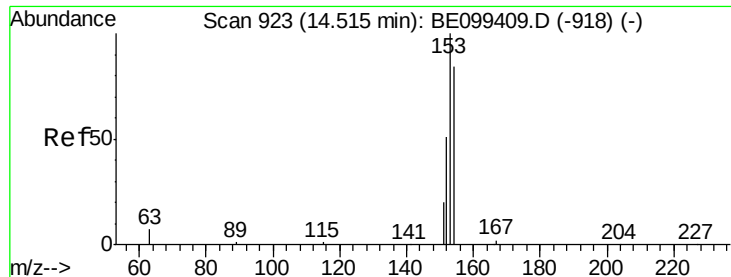
#16
Acenaphthylene
Concen: 3.570 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion:152 Resp: 105089
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 13.0 9.8 14.6



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

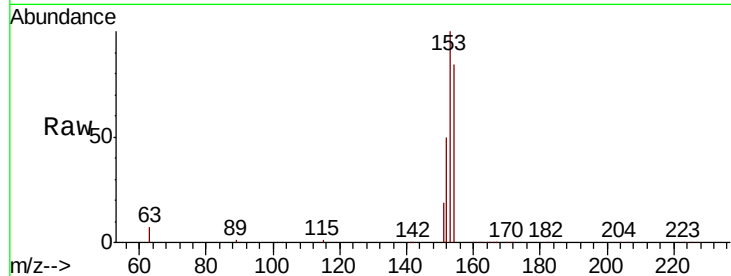




#17
Acenaphthene
Concen: 3.320 ng
RT: 14.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	92.6	138.8
152	55.9	45.8	68.8

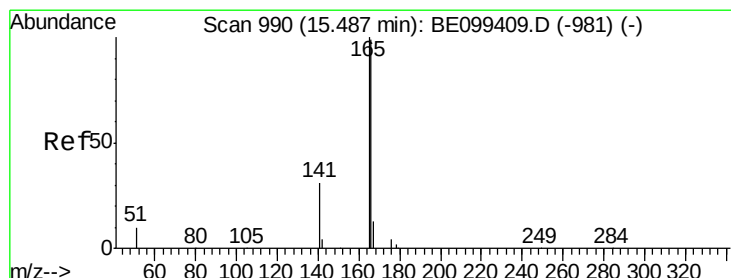
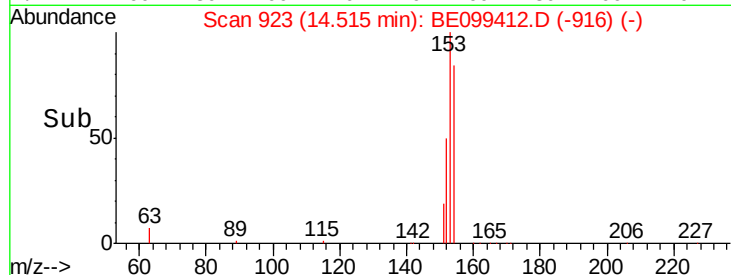
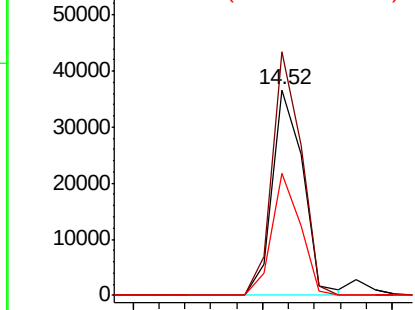


Abundance

Ion 154.00 (153.70 to 154.70): E

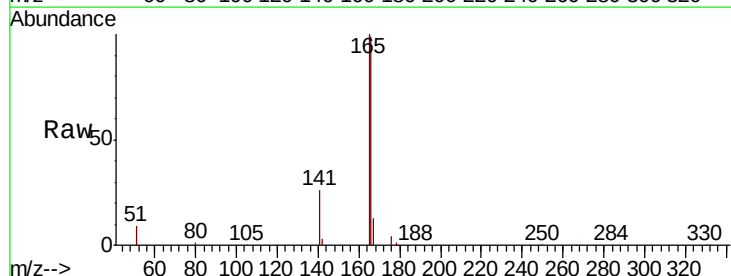
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 3.398 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.3	120.5
167	13.2	10.7	16.1

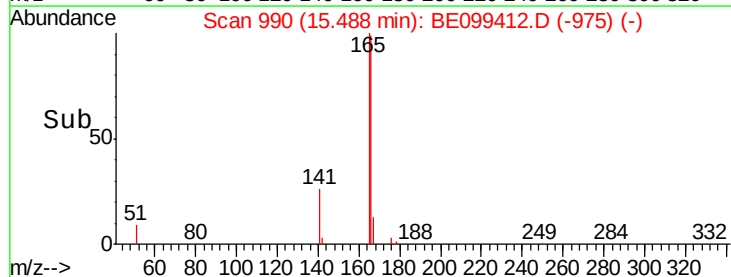
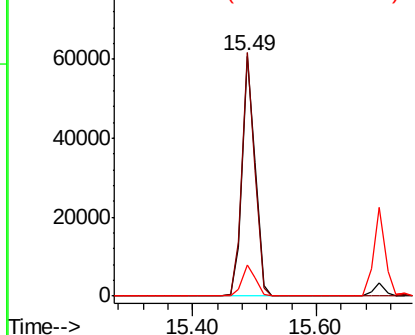


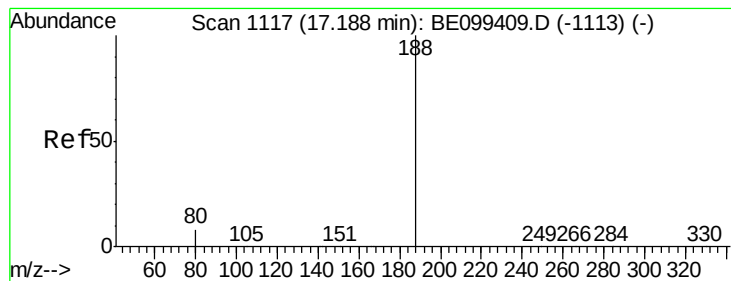
Abundance

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: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

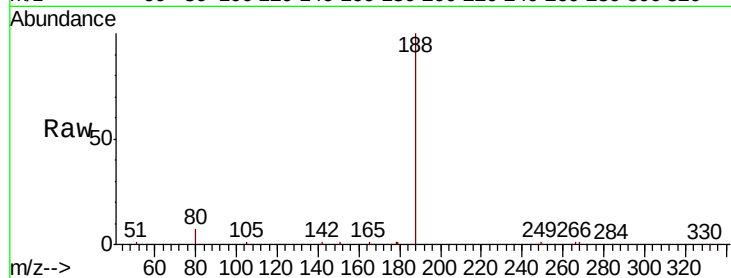
Tot Ion:188 Resp: 19789

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

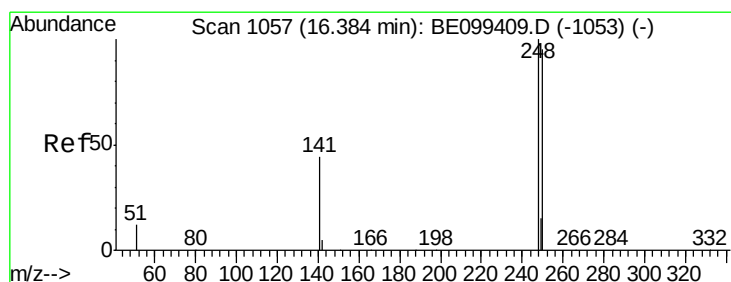
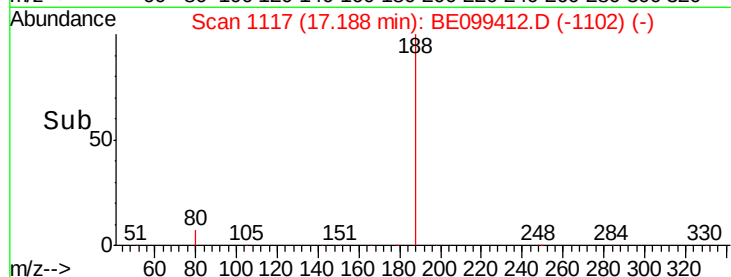
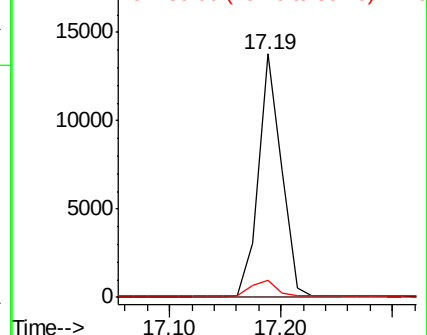
80 7.1 6.7 10.1



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: 3.457 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

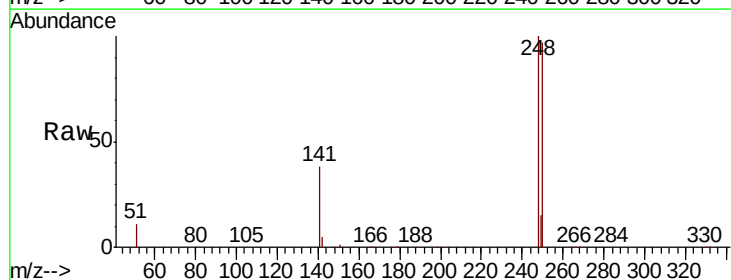
Tgt Ion:248 Resp: 37901

Ion Ratio Lower Upper

248 100

250 96.5 75.8 113.8

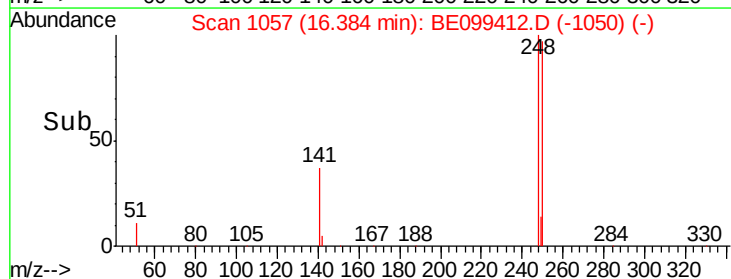
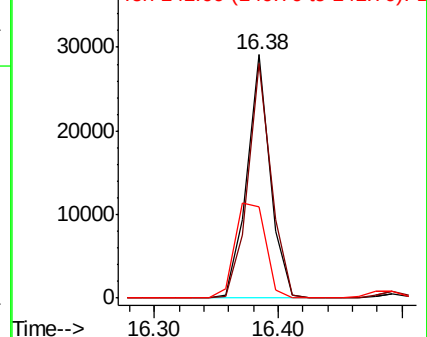
141 37.6 35.7 53.5

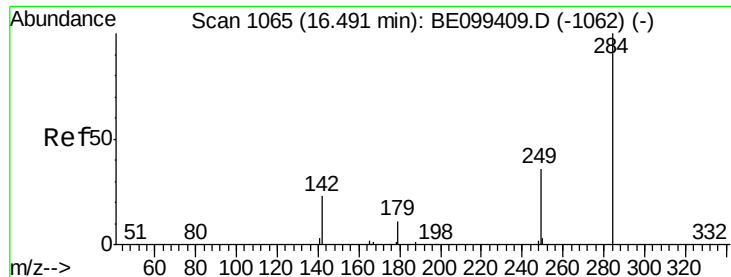


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

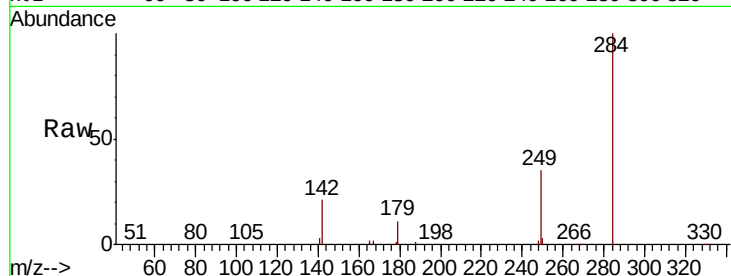




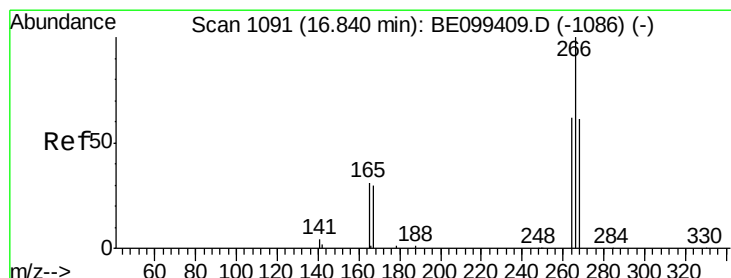
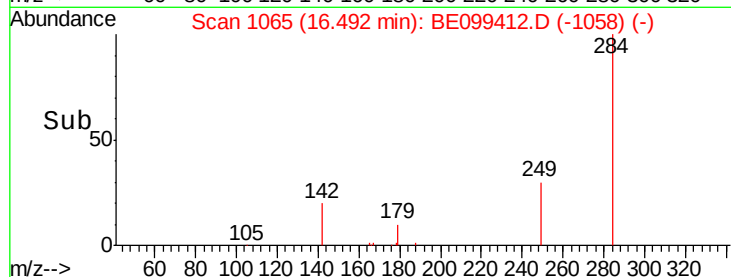
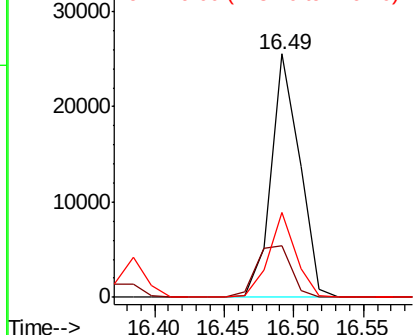
#21
Hexachlorobenzene
Concen: 3.456 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.6	21.0	31.6
249	32.9	26.7	40.1

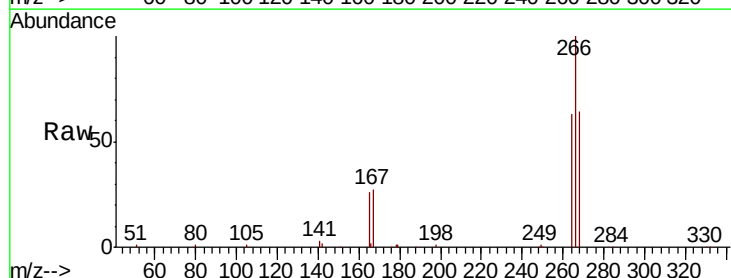


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

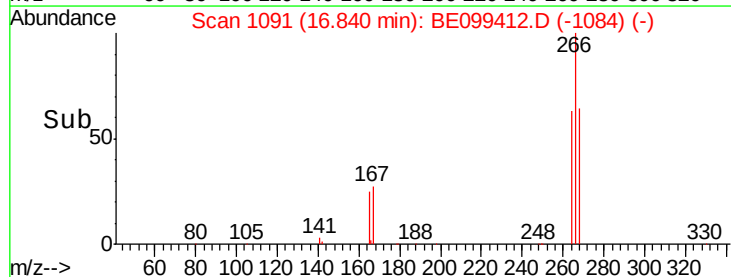
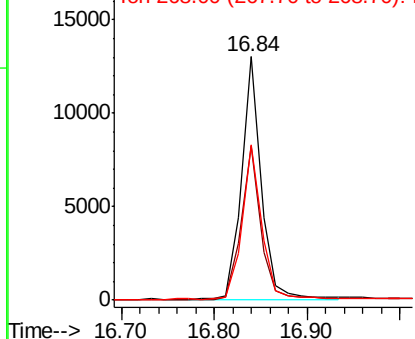


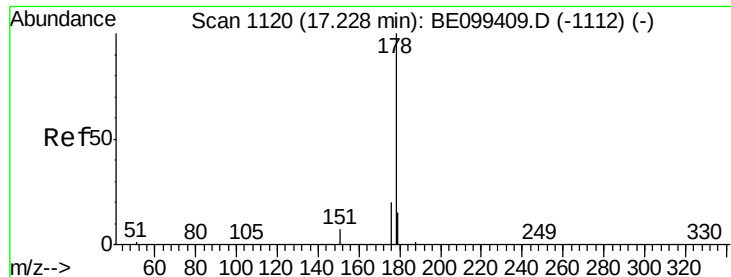
#22
Pentachlorophenol
Concen: 6.603 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099412.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.8	76.2
268	64.0	50.5	75.7



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: 3.100 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

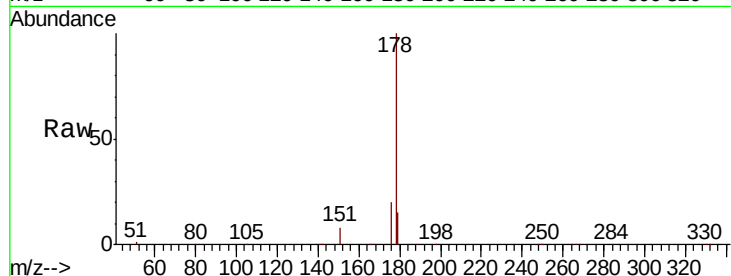
Tot Ion:178 Resp: 162443

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

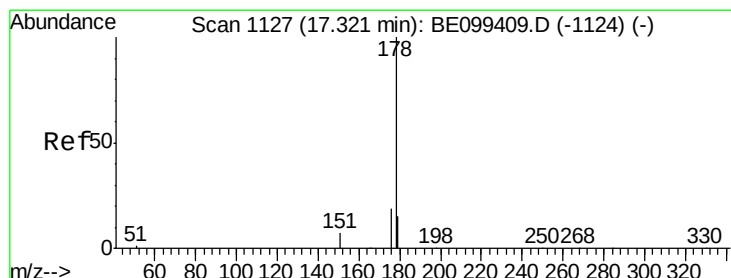
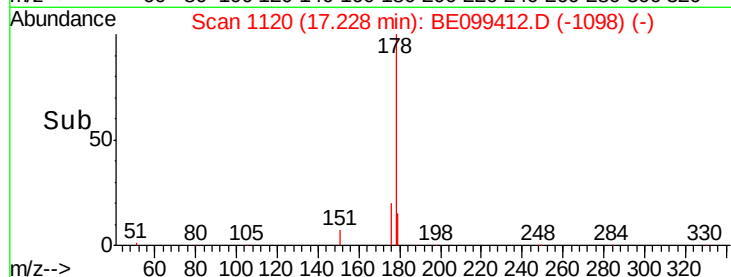
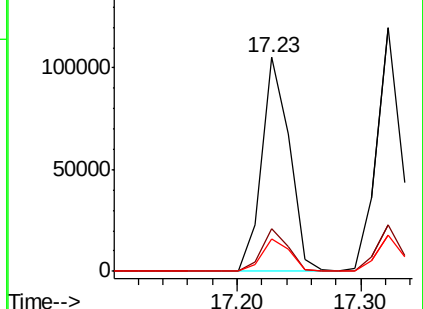
179 15.4 12.0 18.0



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: 3.526 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

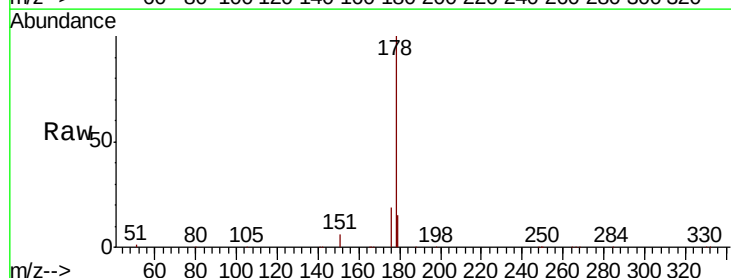
Tgt Ion:178 Resp: 164378

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

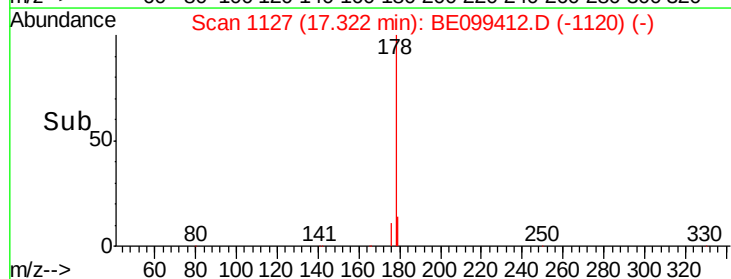
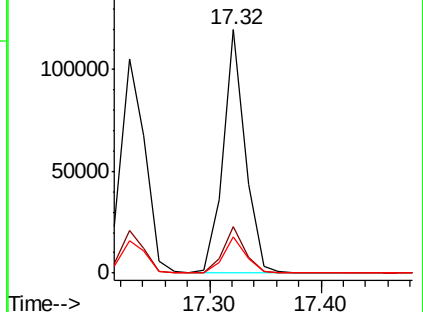
179 15.1 11.9 17.9

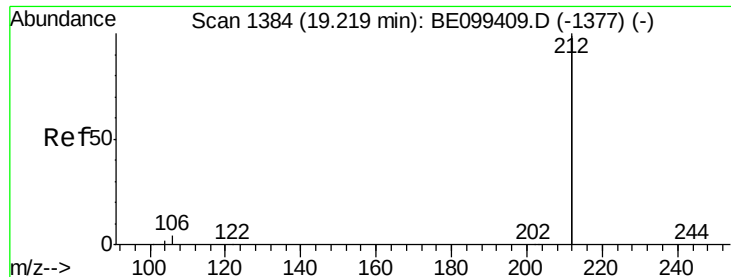


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.611 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

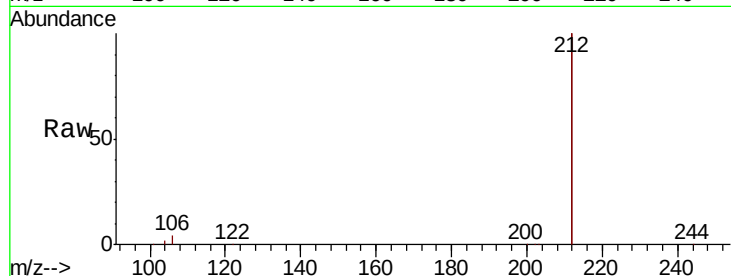
Tot Ion:212 Resp: 858584

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

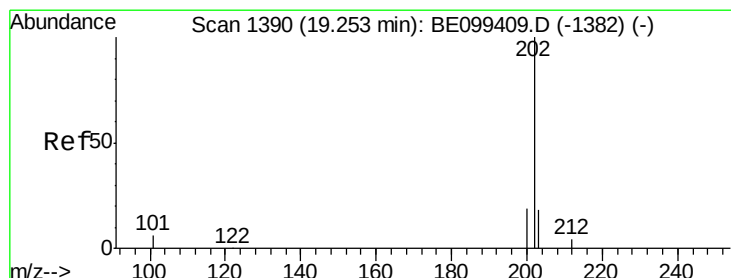
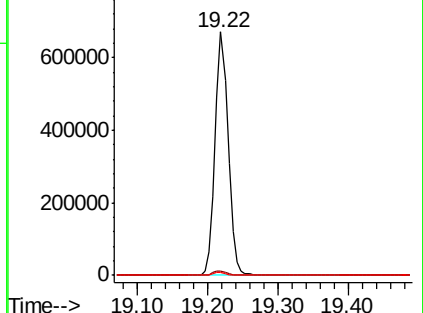
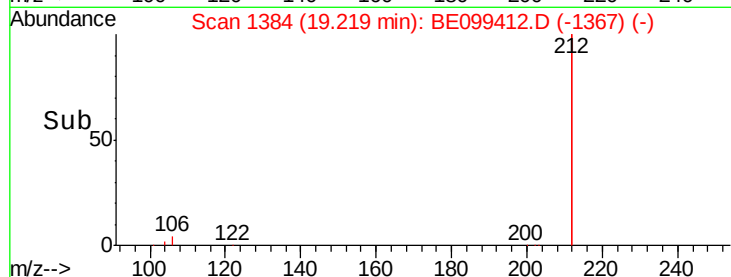
104 1.1 0.9 1.3



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: 3.523 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

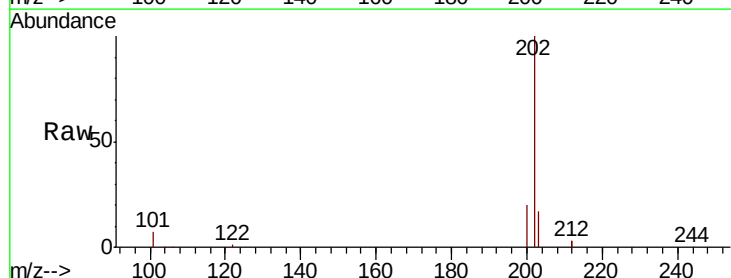
Tgt Ion:202 Resp: 247124

Ion Ratio Lower Upper

202 100

101 6.9 5.4 8.0

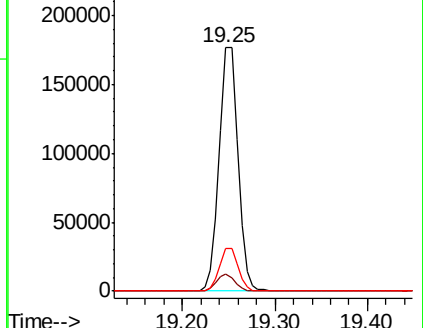
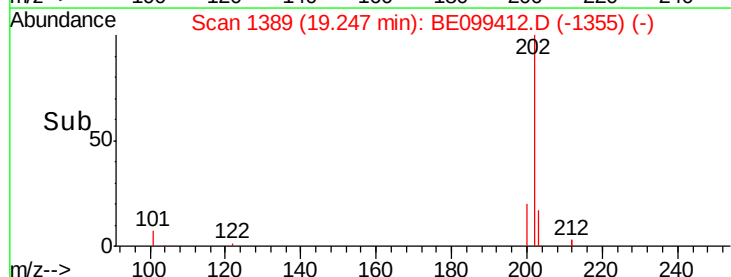
203 17.5 13.9 20.9

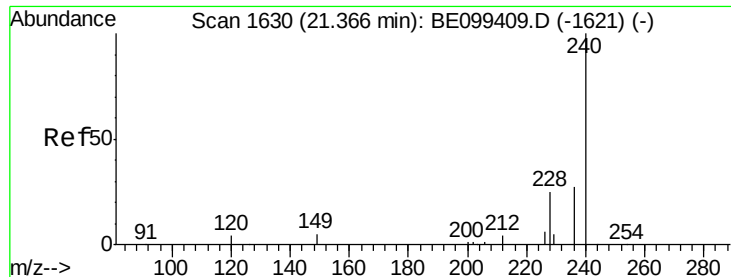


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

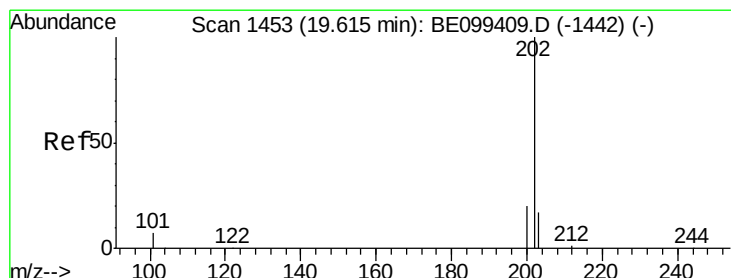
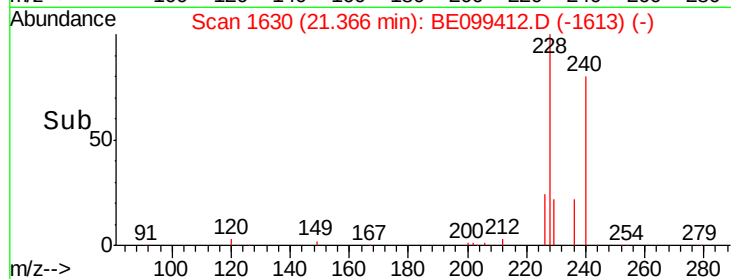
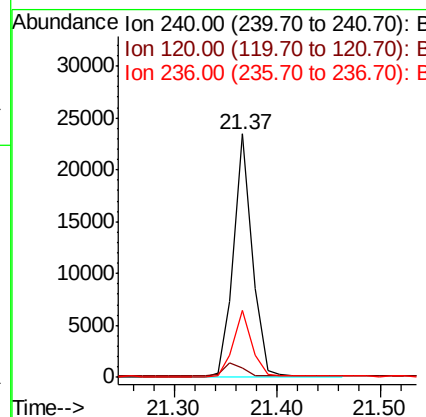
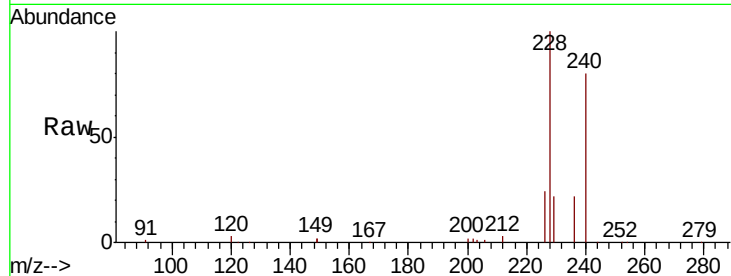




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

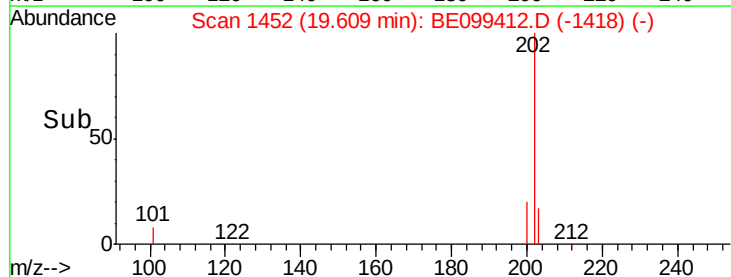
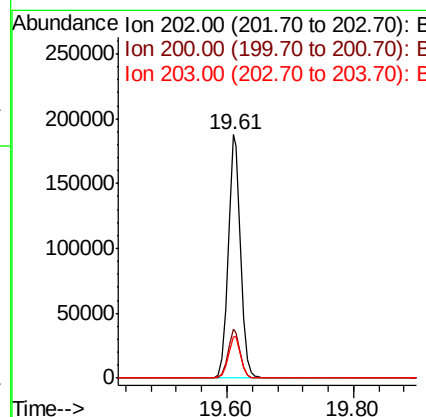
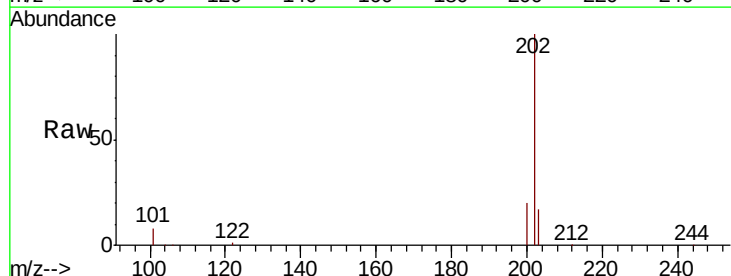
Instrument :
 BNA_E
 ClientSampleId :

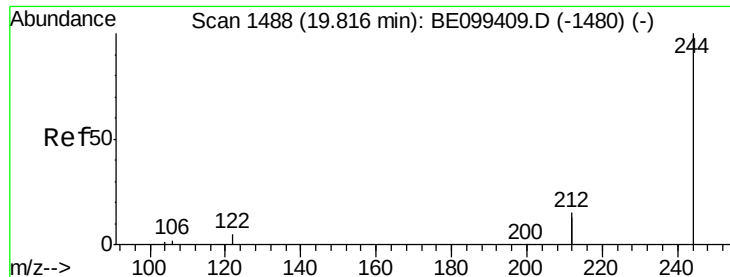
Tot Ion:240 Resp: 29402
 Ion Ratio Lower Upper
 240 100
 120 4.0 4.0 6.0
 236 27.4 22.0 33.0



#28
 Pyrene
 Concen: 2.953 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

Tgt Ion:202 Resp: 255752
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.7 23.5
 203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 3.097 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

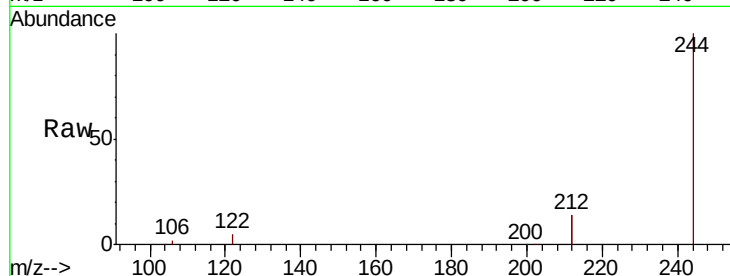
Tot Ion:244 Resp: 179238

Ion Ratio Lower Upper

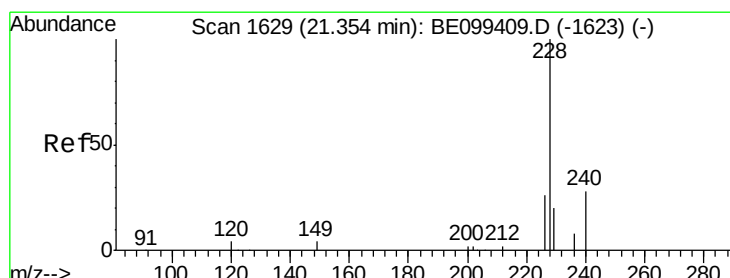
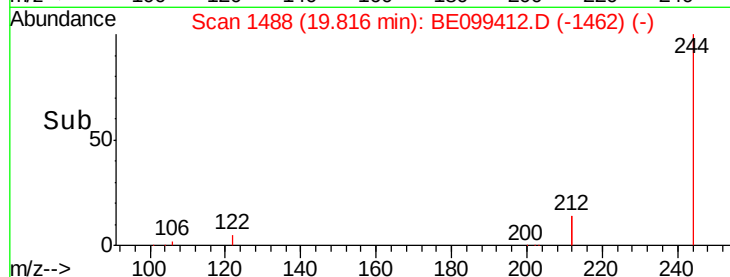
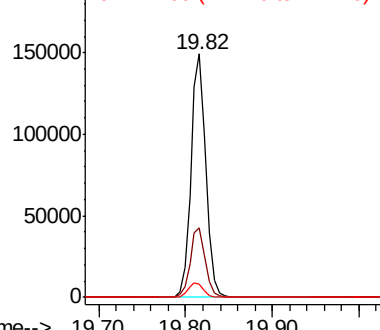
244 100

212 28.5 23.2 34.8

122 5.3 4.2 6.4



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: 3.518 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

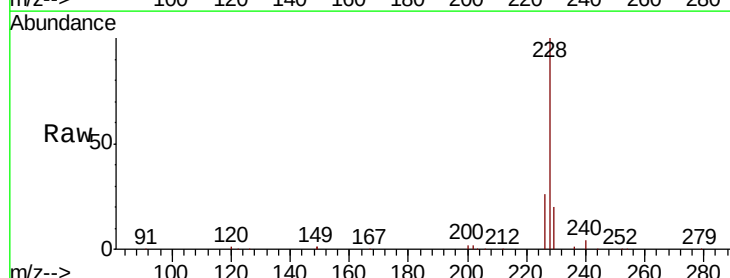
Tgt Ion:228 Resp: 304088

Ion Ratio Lower Upper

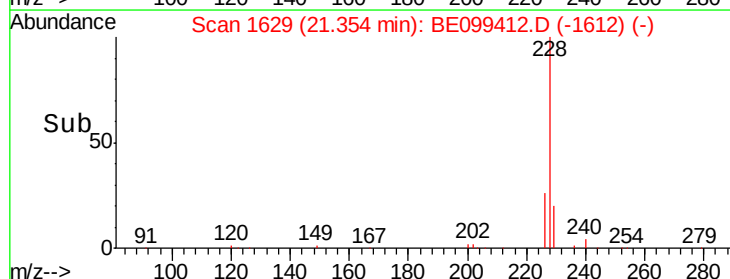
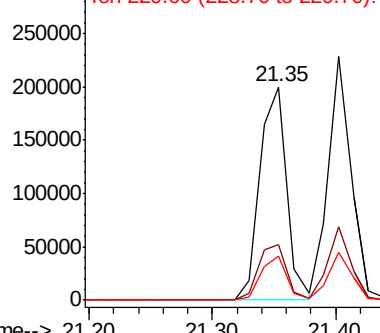
228 100

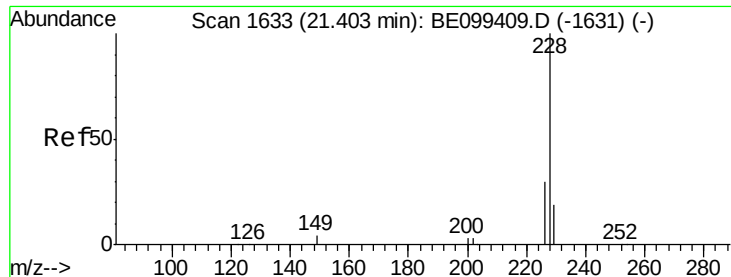
226 26.2 21.0 31.6

229 20.4 16.6 25.0



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

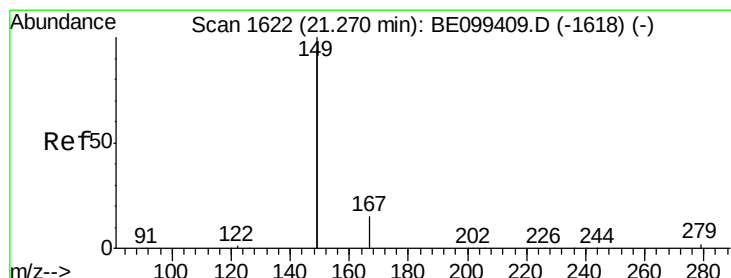
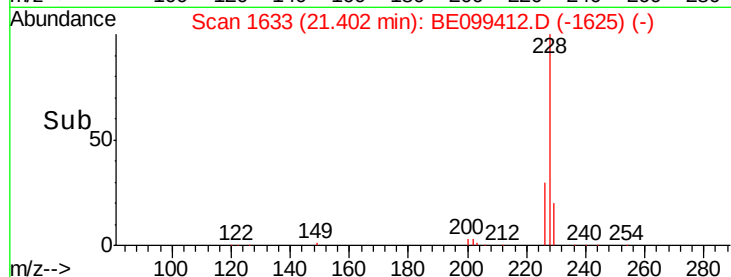
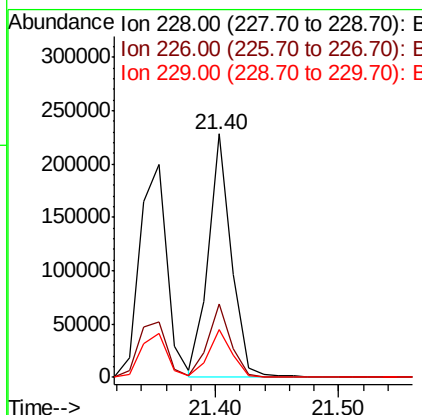
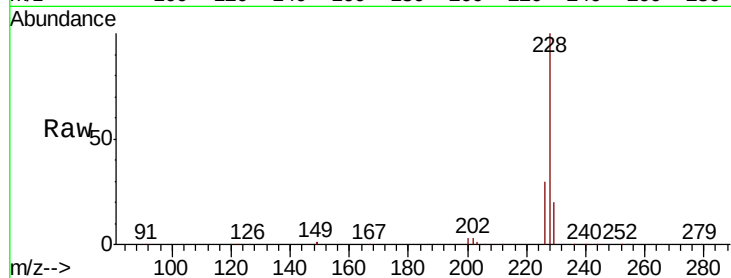




#31
 Chrysene
 Concen: 3.191 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

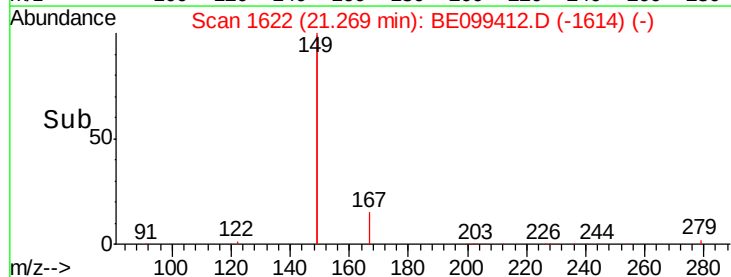
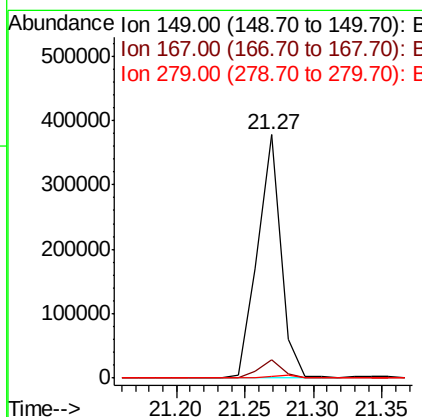
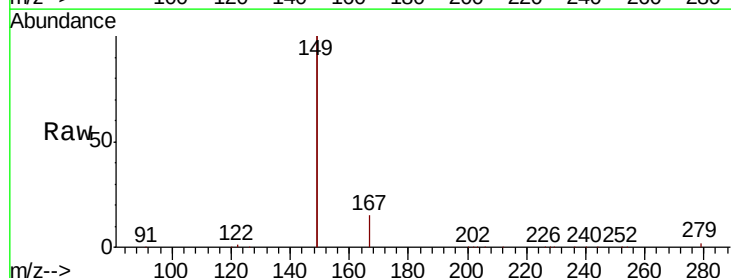
Instrument :
 BNA_E
 ClientSampleId :

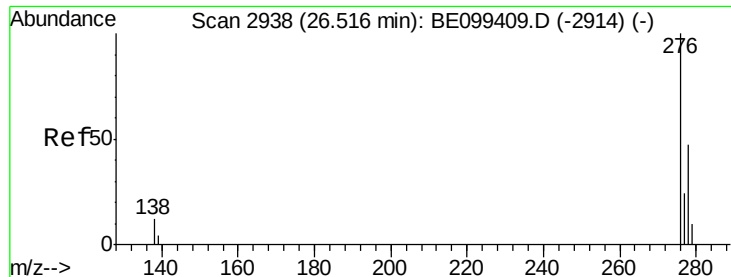
Tot Ion:228 Resp: 293510
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.0 36.0
 229 19.8 15.8 23.8



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 5.647 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE099412.D
 Acq: 29 Apr 2019 17:18

Tgt Ion:149 Resp: 444170
 Ion Ratio Lower Upper
 149 100
 167 7.5 5.8 8.6
 279 1.3 1.0 1.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.778 ng

RT: 26.52 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

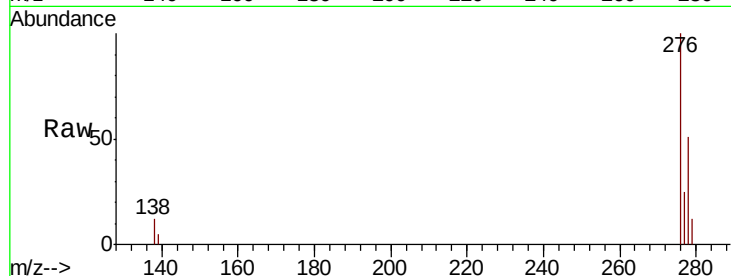
Tot Ion:276 Resp: 343149

Ion Ratio Lower Upper

276 100

138 12.6 10.2 15.2

277 24.7 19.2 28.8

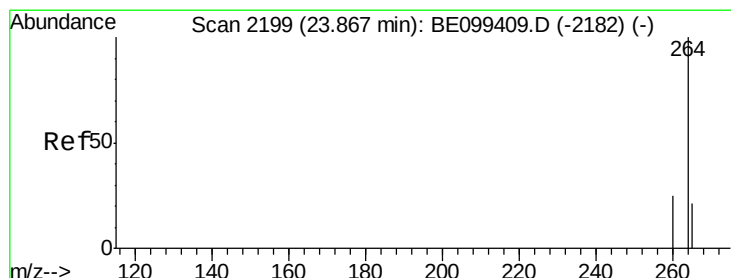
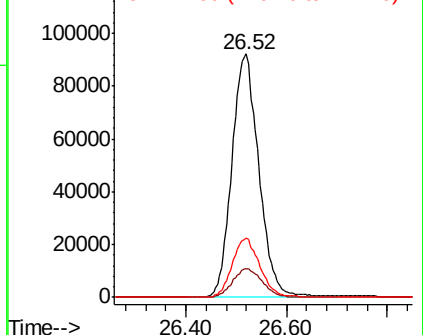
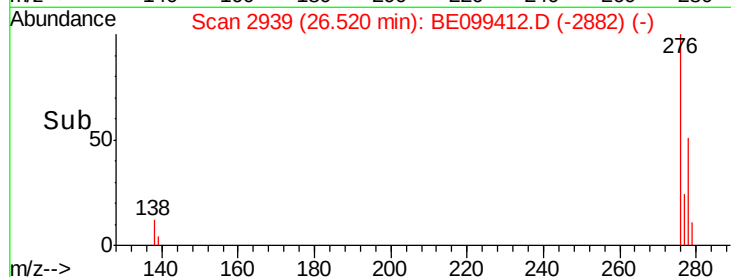


Abundance

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: 23.87 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

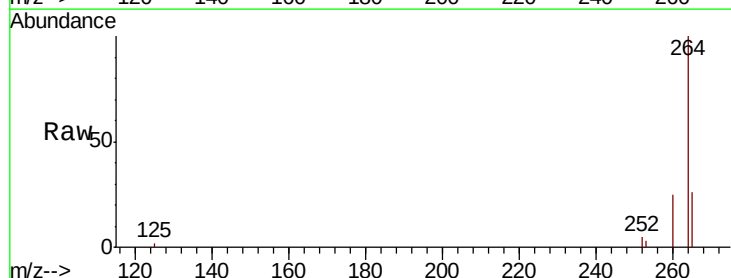
Tgt Ion:264 Resp: 30634

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 26.0 21.3 31.9

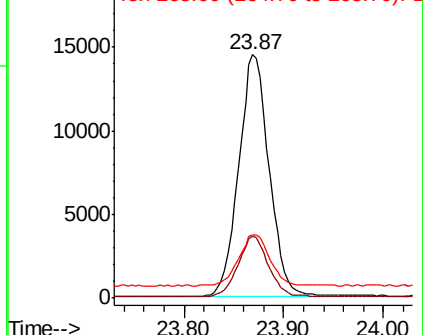
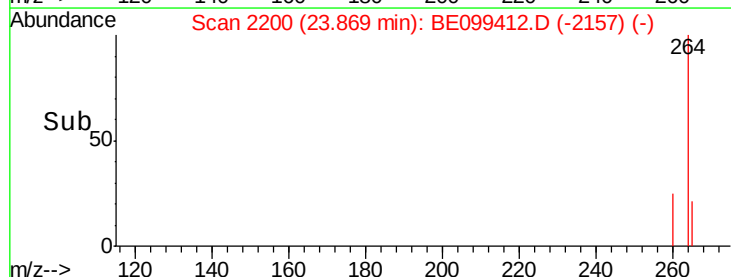


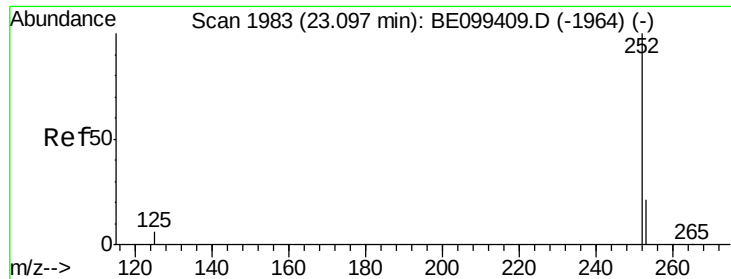
Abundance

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: 3.109 ng

RT: 23.10 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

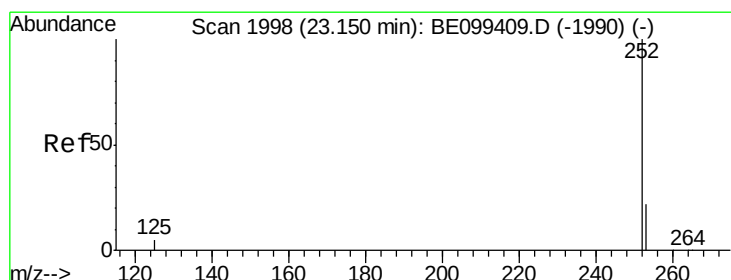
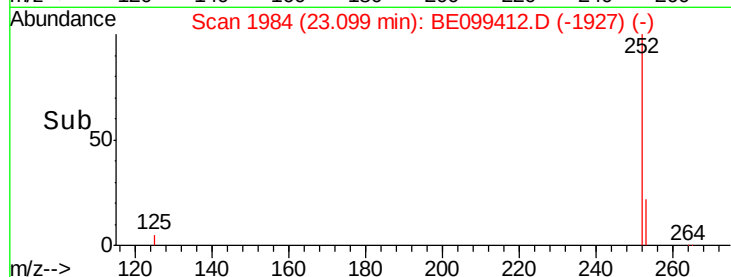
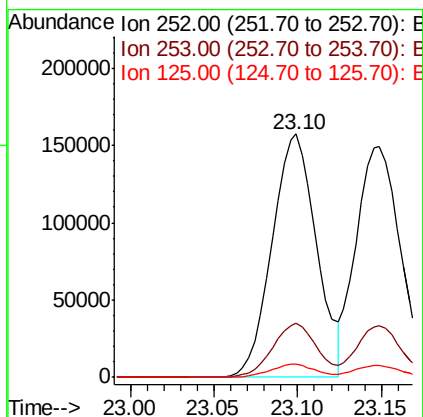
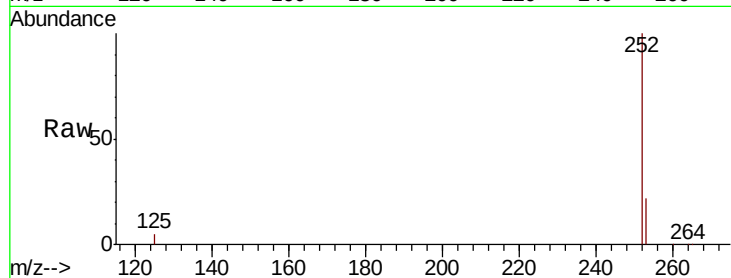
Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 291591

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	5.3	5.6	8.4



#36

Benzo(k)fluoranthene

Concen: 2.994 ng

RT: 23.15 min Scan# 1998

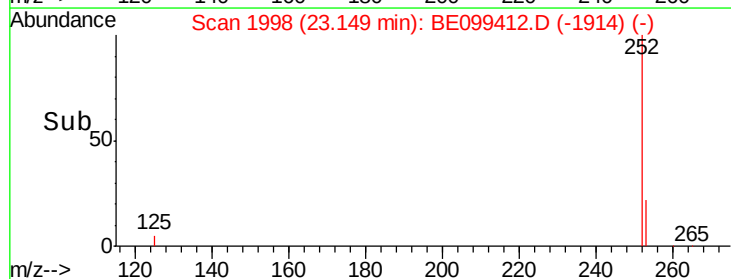
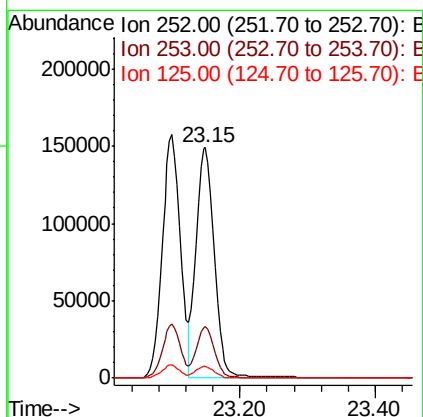
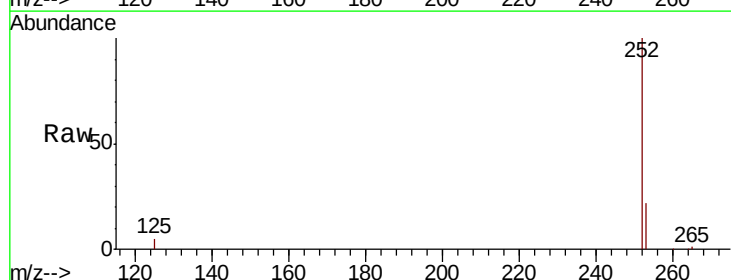
Delta R.T. -0.00 min

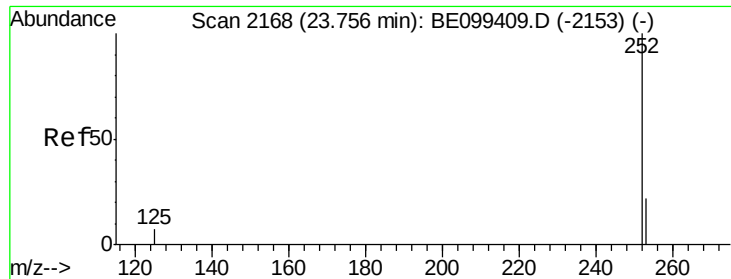
Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Tgt Ion:252 Resp: 279895

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	5.2	5.0	7.4





#37

Benzo(a)pyrene

Concen: 3.262 ng

RT: 23.75 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :

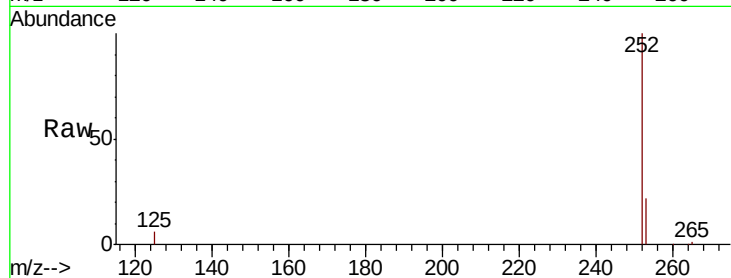
Tot Ion:252 Resp: 274058

Ion Ratio Lower Upper

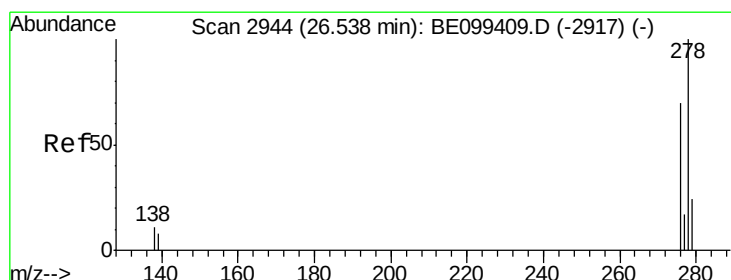
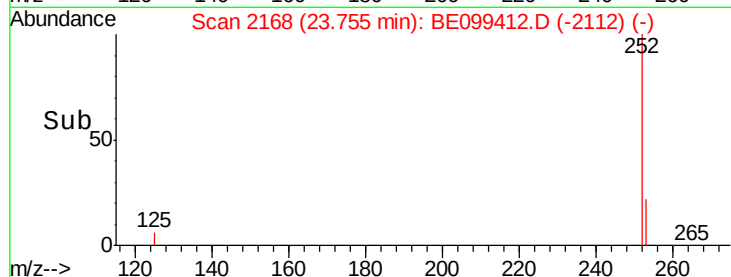
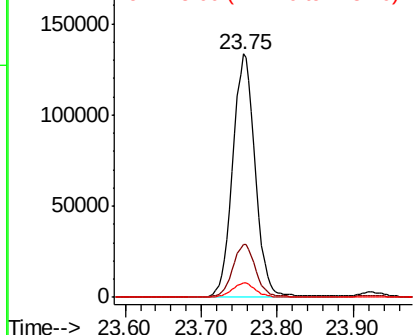
252 100

253 22.0 18.9 28.3

125 5.9 6.7 10.1#



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



#38

Dibenzo(a,h)anthracene

Concen: 3.290 ng

RT: 26.54 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

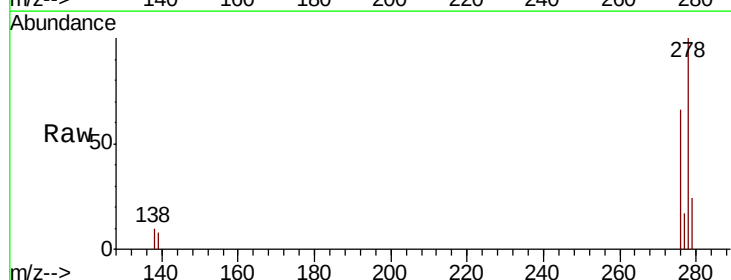
Tgt Ion:278 Resp: 282419

Ion Ratio Lower Upper

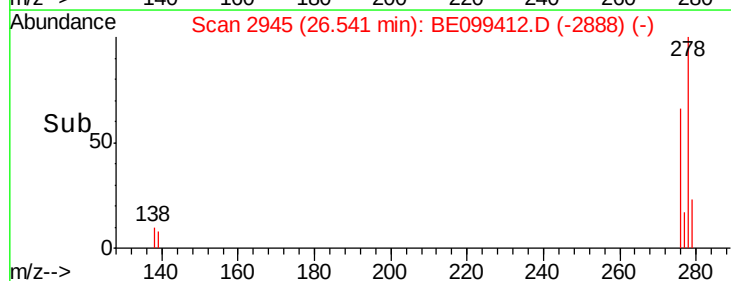
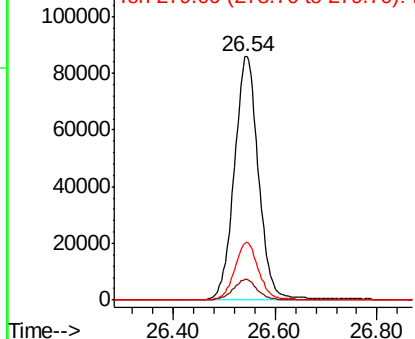
278 100

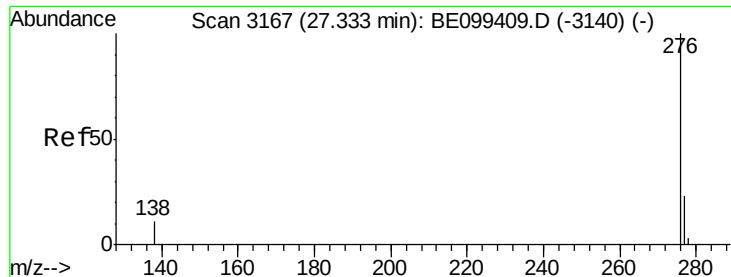
139 8.4 7.7 11.5

279 23.6 20.2 30.2



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





#39

Benzo(a,h,i)perylene

Concen: 3.209 ng

RT: 27.33 min Scan# 3167

Delta R.T. 0.00 min

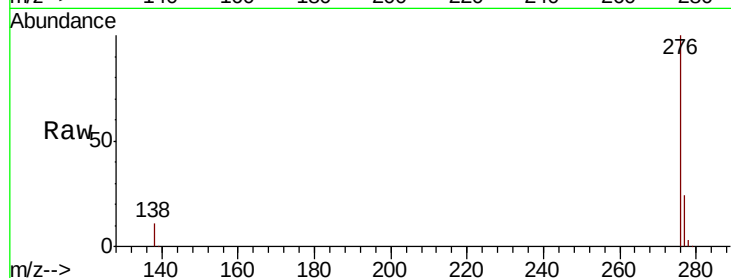
Lab File: BE099412.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_E

ClientSampleId :



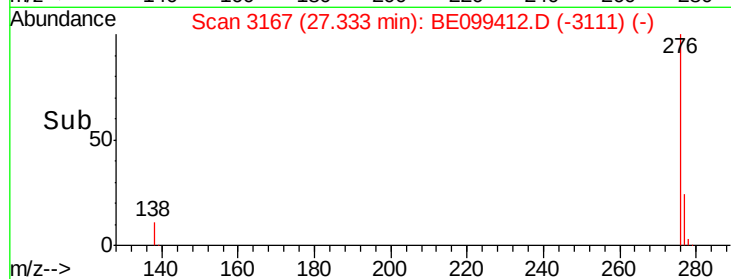
Tot Ion: 276 Resp: 279455

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 10.9 9.6 14.4



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

