

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100790.D
 Acq On : 5 Dec 2019 15:49
 Operator : JU
 Sample : K6053-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW178-112519-1

Quant Time: Dec 05 18:02:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	6613	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	29380	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	17691	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	42615	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	46033	0.40	ng	0.00
34) Perylene-d12	23.76	264	55797	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	6772	0.43	ng	0.00
5) Phenol-d6	6.93	99	11201	0.47	ng	0.00
8) Nitrobenzene-d5	8.90	82	6902	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	13184	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1712	0.87	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	18626	0.27	ng	0.00
25) Fluoranthene-d10	19.16	212	151105	0.30	ng	0.00
29) Terphenyl-d14	19.77	244	30574	0.28	ng	0.00

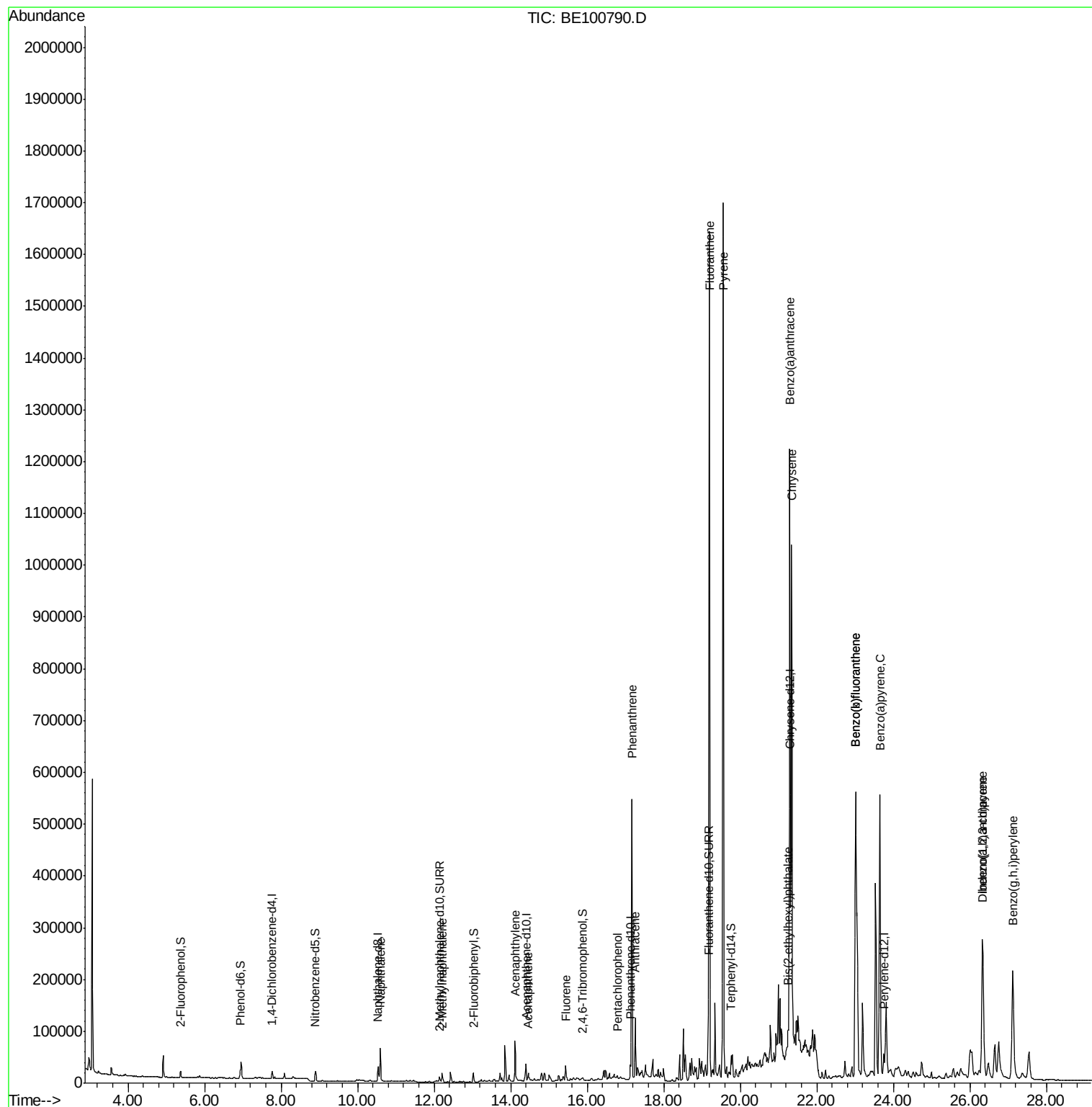
Target Compounds				Qvalue		
9) Naphthalene	10.59	128	97116	0.311	ng	99
12) 2-Methylnaphthalene	12.21	142	11545	0.237	ng	98
16) Acenaphthylene	14.11	152	101174	1.382	ng	99
17) Acenaphthene	14.46	154	7119	0.141	ng	98
18) Fluorene	15.43	166	31078	0.478	ng	# 89
22) Pentachlorophenol	16.79	266	156	0.099	ng	91
23) Phenanthrene	17.17	178	668100	5.176	ng	99
24) Anthracene	17.25	178	129325	1.198	ng	97
26) Fluoranthene	19.19	202	1470813	9.547	ng	98
28) Pylene	19.55	202	1597700	10.682	ng	95
30) Benzo(a)anthracene	21.29	228	1008308	7.431	ng	# 91
31) Chrysene	21.34	228	885206	5.552	ng	96
32) Bis(2-ethylhexyl)phthalate	21.24	149	45178	0.475	ng	99
33) Indeno(1,2,3-cd)pyrene	26.33	276	497235	3.580	ng	97
35) Benzo(b)fluoranthene	23.01	252	1069897	7.004	ng	98
36) Benzo(k)fluoranthene	23.01	252	1069897	6.246	ng	99
37) Benzo(a)pyrene	23.65	252	830858	6.282	ng	98
38) Dibenzo(a,h)anthracene	26.35	278	134468	1.022	ng	# 92
39) Benzo(g,h,i)perylene	27.12	276	503128	3.576	ng	99

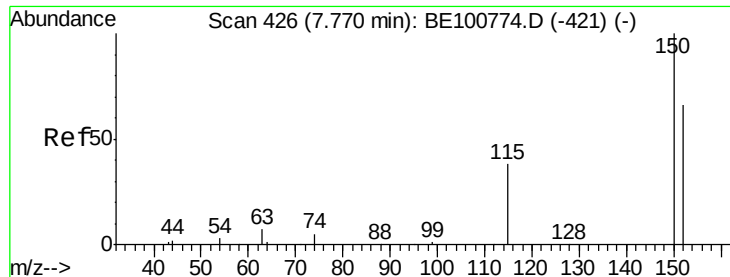
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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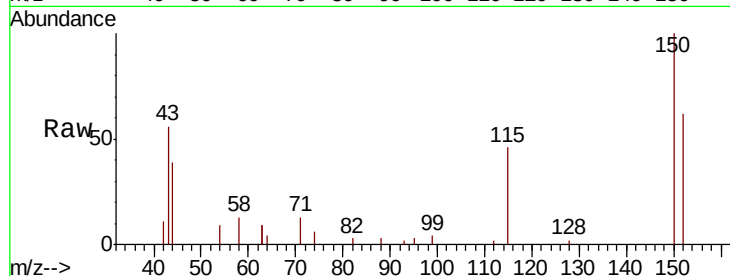


#1

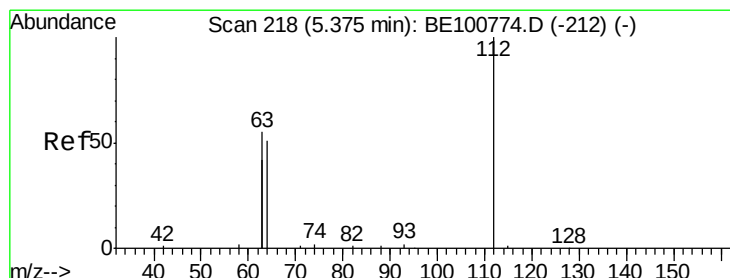
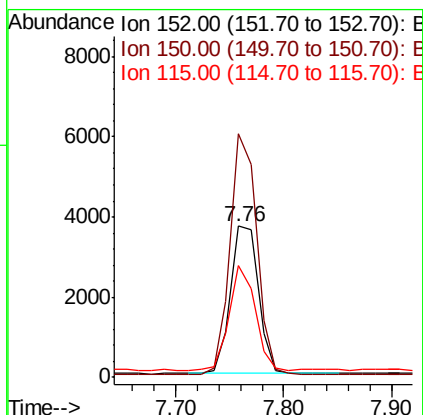
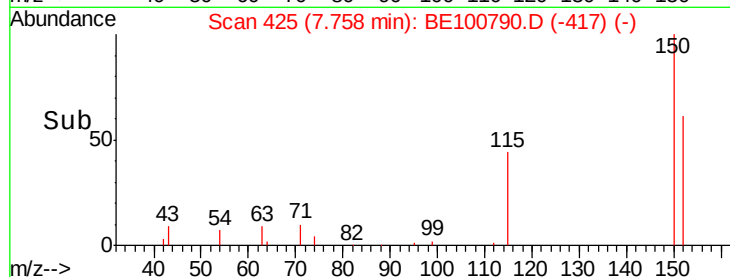
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1

Tot Ion:152 Resp: 6613
Ion Ratio Lower Upper
152 100
150 161.1 120.6 181.0
115 74.4 47.4 71.2#



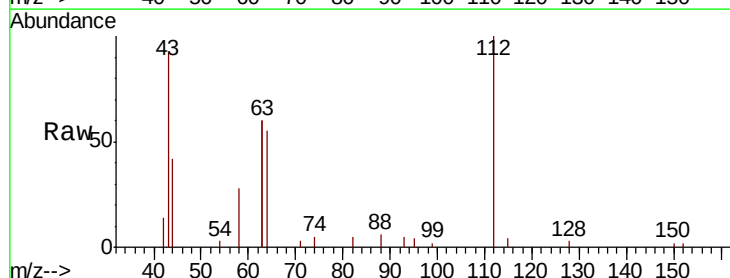
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



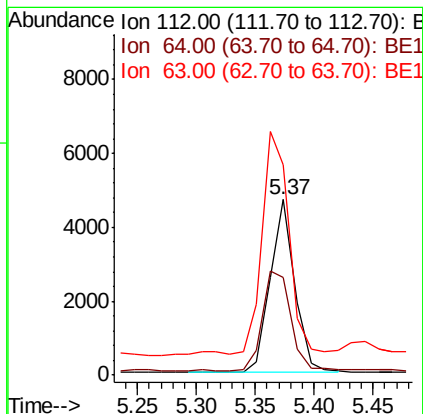
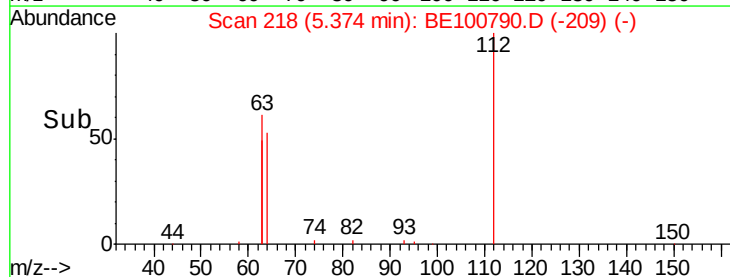
#4

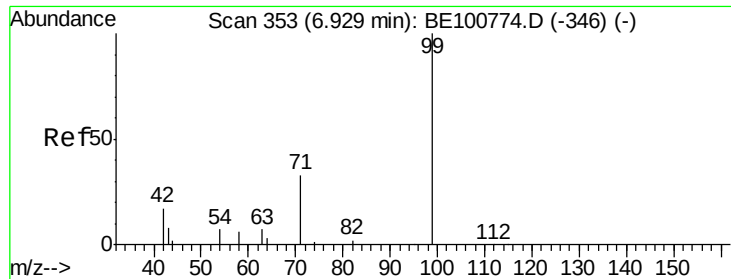
2-Fluorophenol
Concen: 0.432 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:112 Resp: 6772
Ion Ratio Lower Upper
112 100
64 66.1 54.1 81.1
63 143.2 113.2 169.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.473 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1

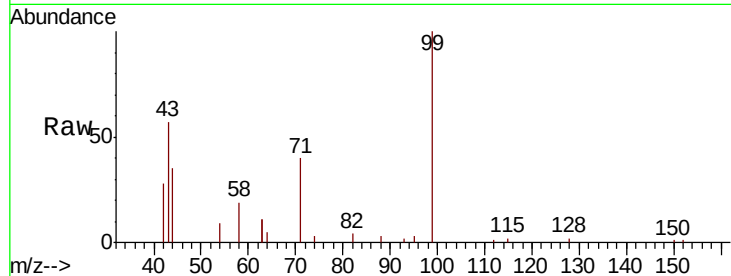
Tot Ion: 99 Resp: 11201

Ion Ratio Lower Upper

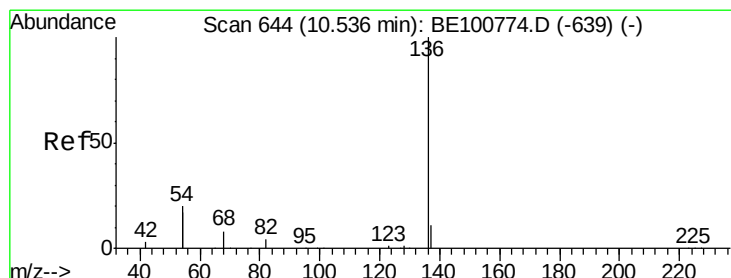
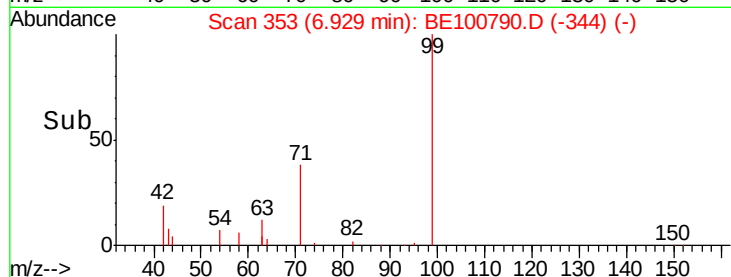
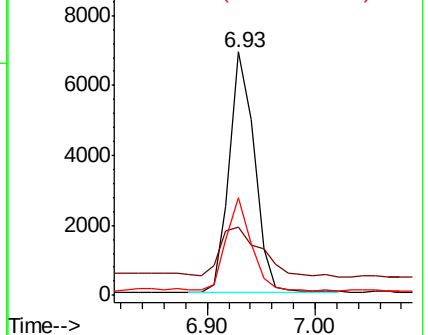
99 100

42 34.0 19.1 28.7#

71 37.6 27.7 41.5



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Tgt Ion: 136 Resp: 29380

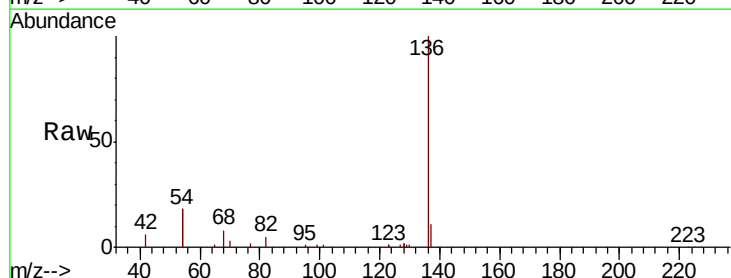
Ion Ratio Lower Upper

136 100

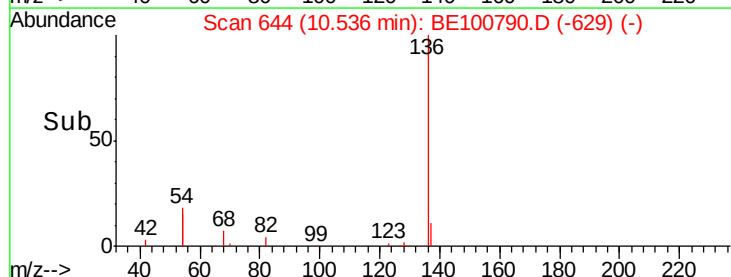
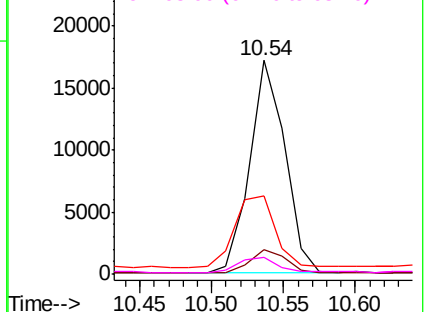
137 11.5 9.4 14.0

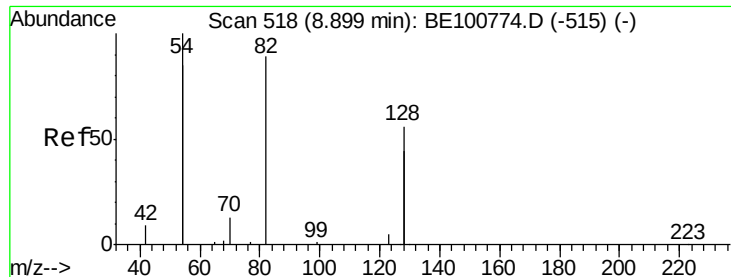
54 36.3 31.1 46.7

68 7.9 6.6 10.0



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): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.493 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1

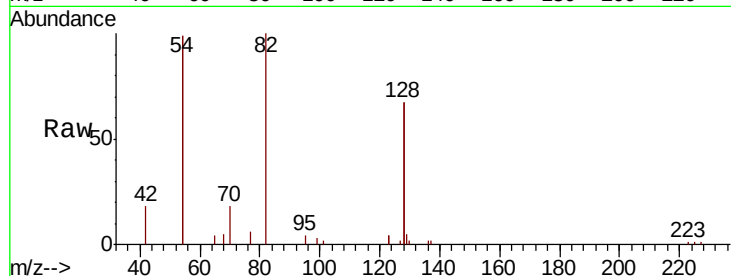
Tot Ion: 82 Resp: 6902

Ion Ratio Lower Upper

82 100

128 134.2 97.0 145.4

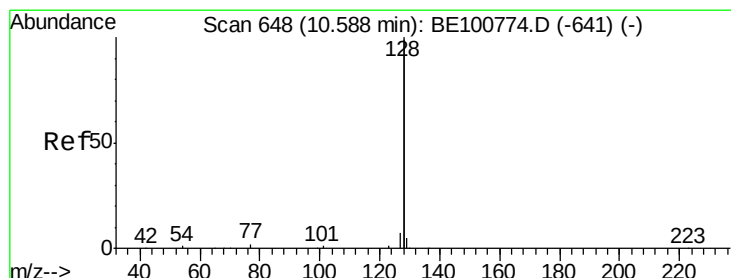
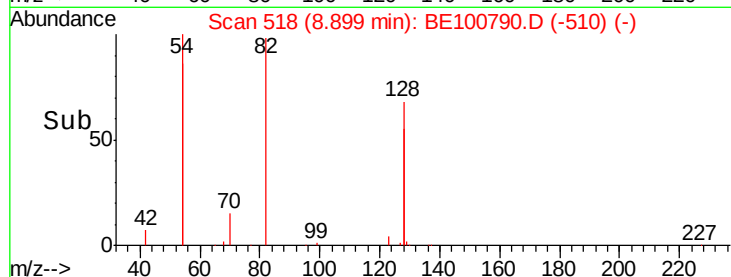
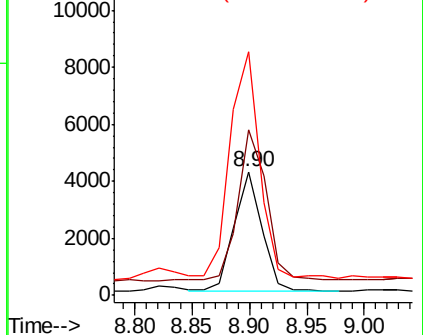
54 197.3 171.8 257.6



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.311 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

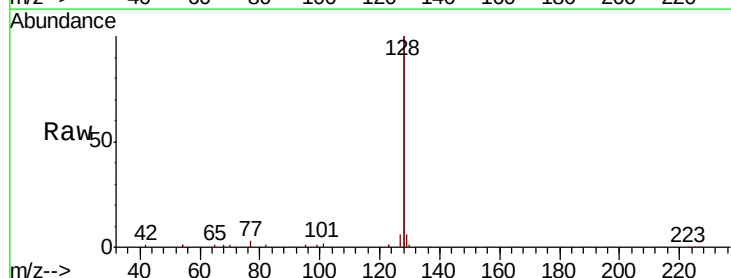
Tgt Ion: 128 Resp: 97116

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

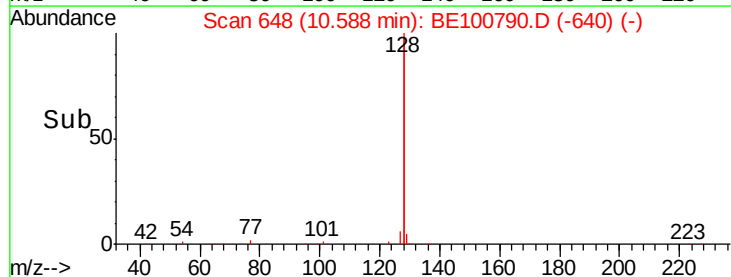
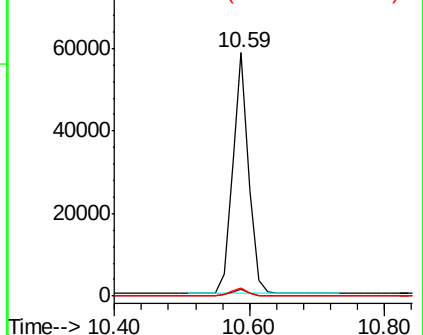
127 3.2 2.7 4.1

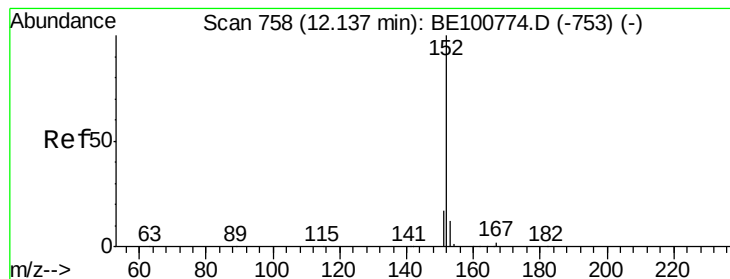


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.310 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

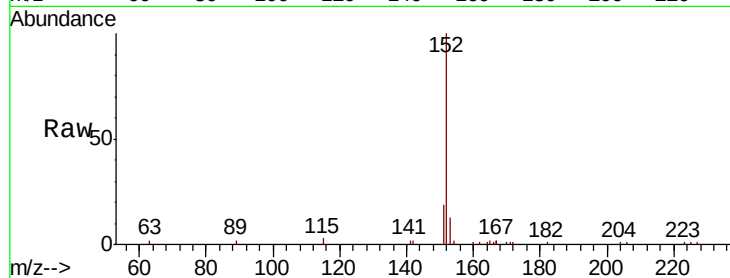
EXT-084-SW178-112519-1

Tot Ion:152 Resp: 13184

Ion Ratio Lower Upper

152 100

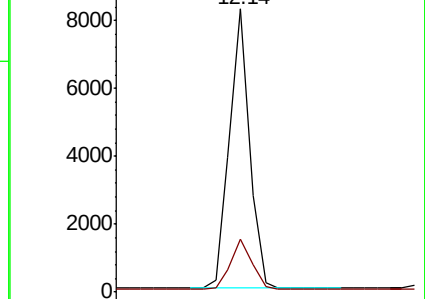
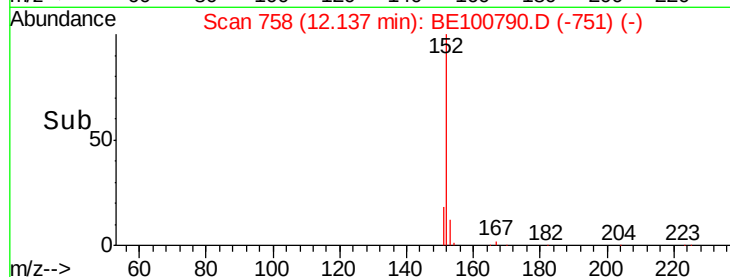
151 19.3 15.8 23.8



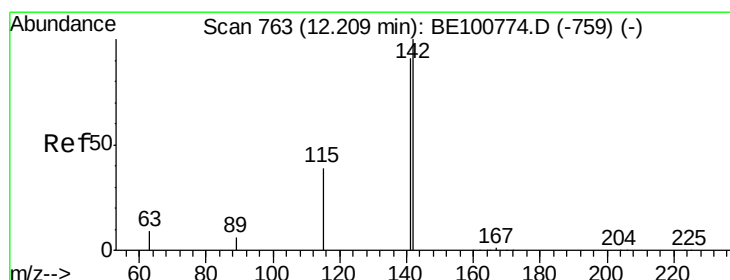
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14



Time-->



#12

2-Methylnaphthalene

Concen: 0.237 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

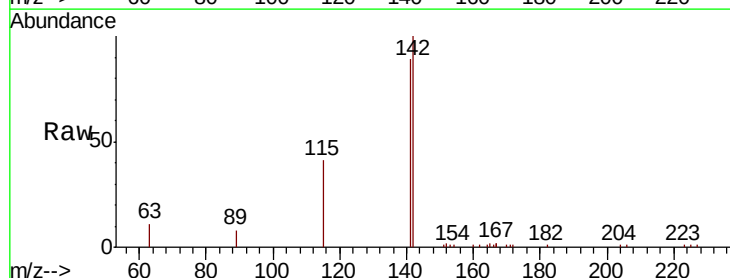
Tgt Ion:142 Resp: 11545

Ion Ratio Lower Upper

142 100

141 89.0 72.6 108.8

115 41.4 31.8 47.6

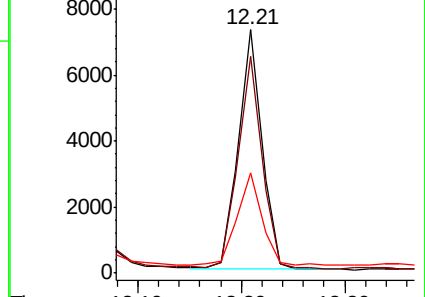
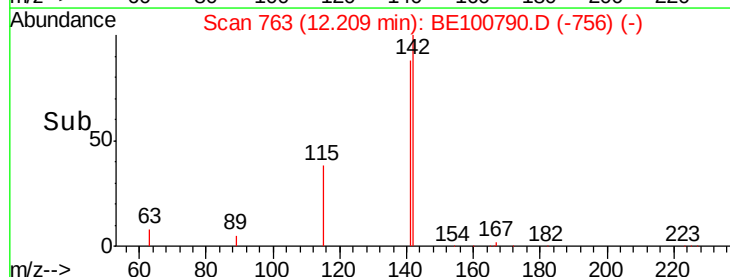


Abundance Ion 142.00 (141.70 to 142.70): E

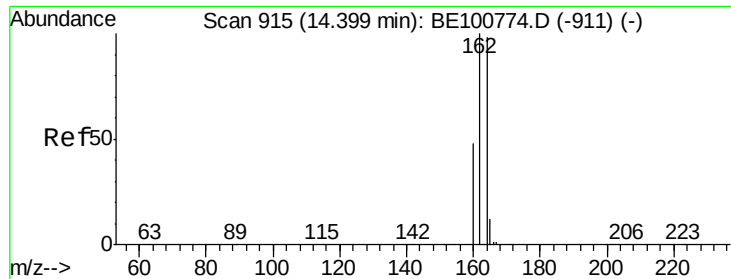
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.21



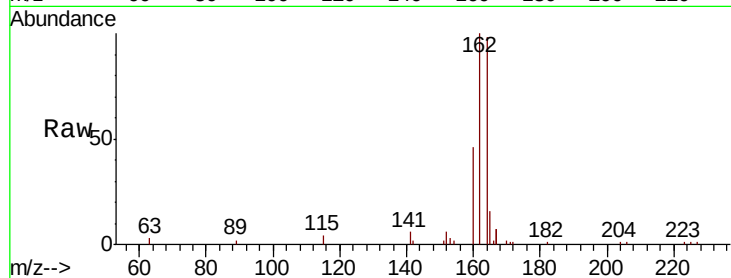
Time-->



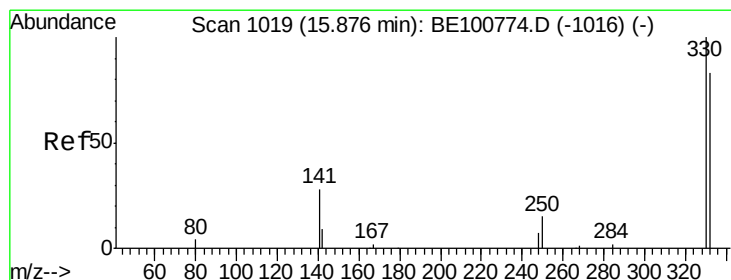
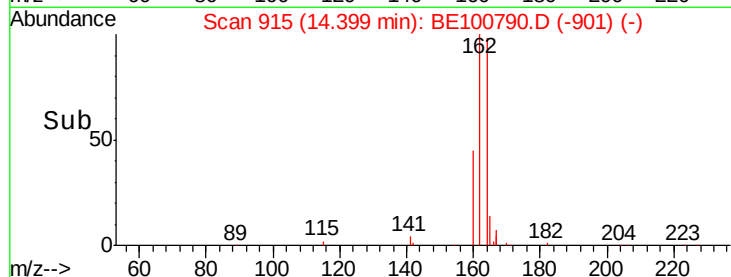
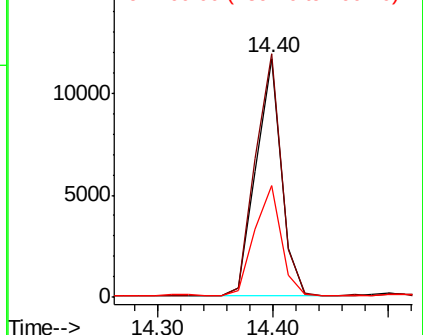
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1

Tot Ion:164 Resp: 17691
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 46.8 39.4 59.0

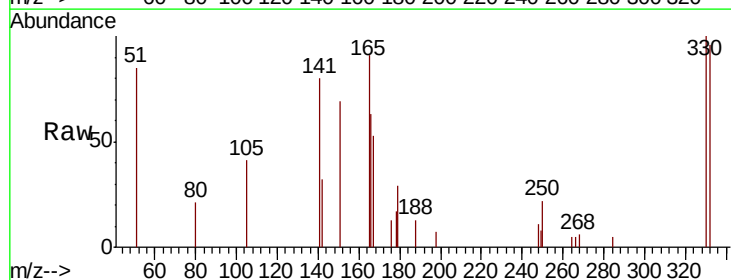


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

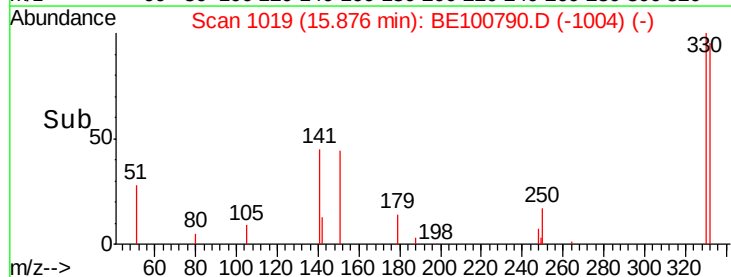
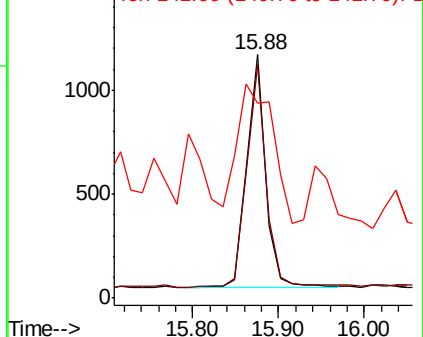


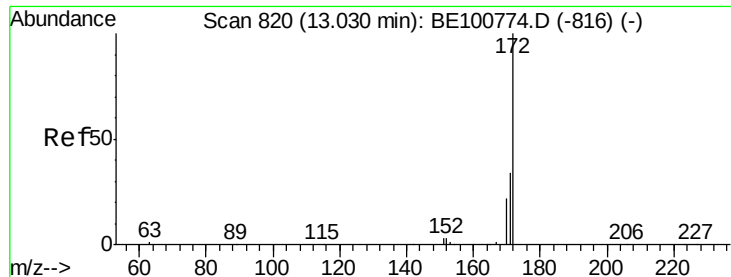
#14
2,4,6-Tribromophenol
Concen: 0.870 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:330 Resp: 1712
Ion Ratio Lower Upper
330 100
332 98.4 69.4 104.2
141 111.4 51.1 76.7#



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

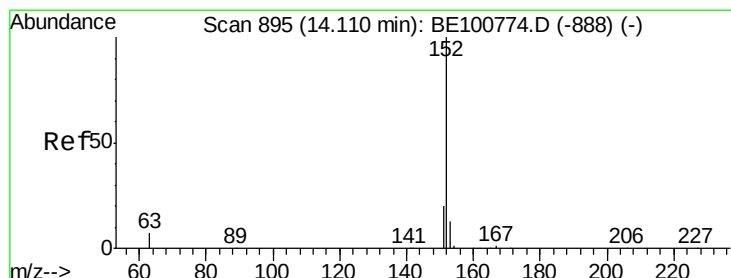
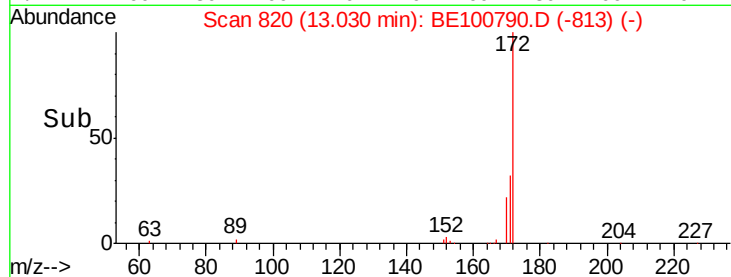
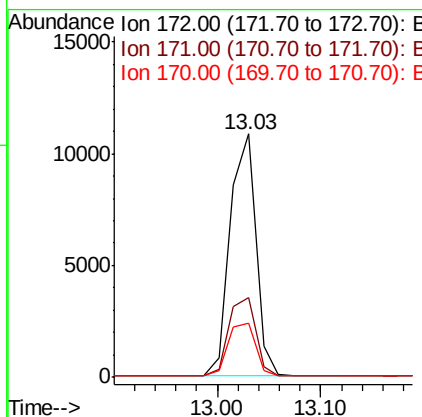
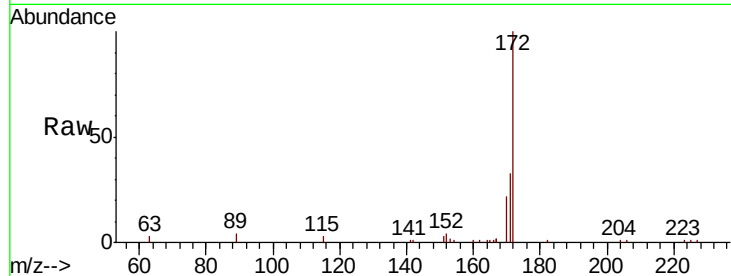




#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

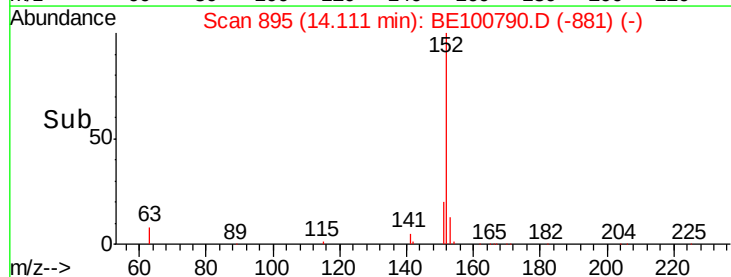
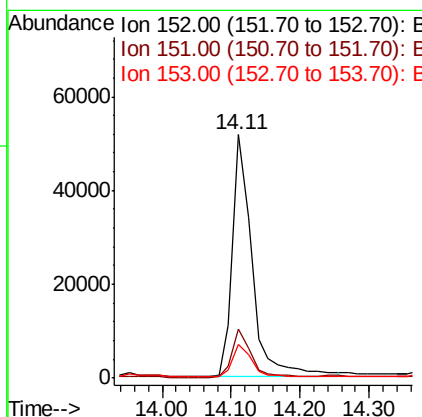
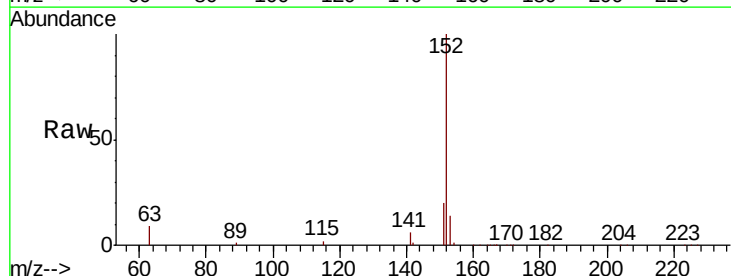
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1

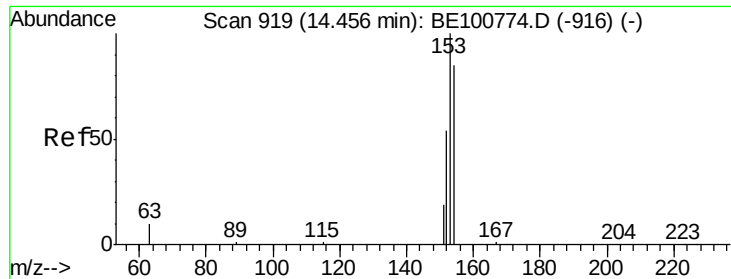
Tot Ion:172 Resp: 18626
Ion Ratio Lower Upper
172 100
171 32.6 27.2 40.8
170 22.2 18.0 27.0



#16
Acenaphthylene
Concen: 1.382 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:152 Resp: 101174
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.9 10.4 15.6

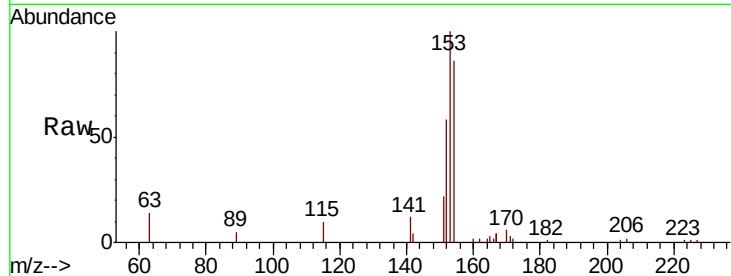




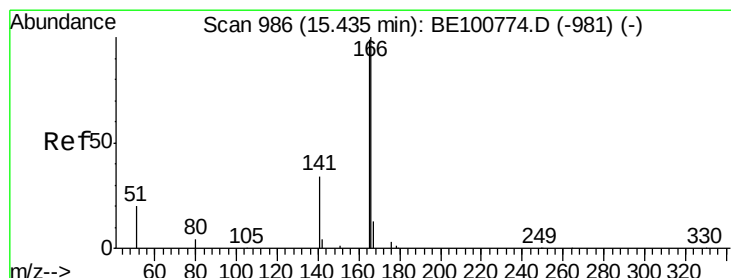
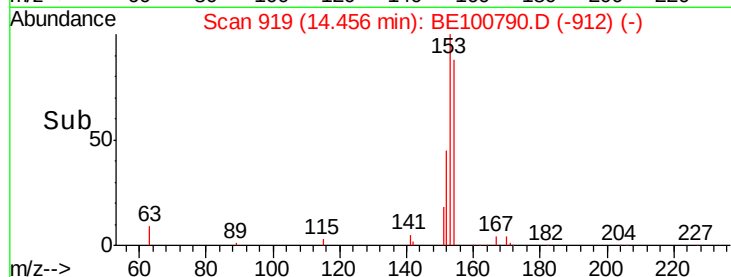
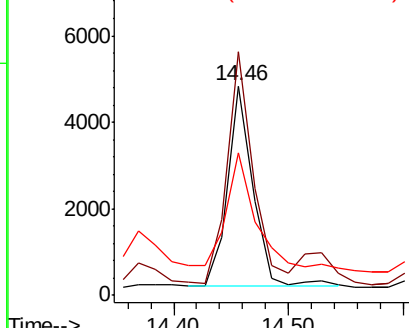
#17
Acenaphthene
Concen: 0.141 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1

Tot Ion:154 Resp: 7119
Ion Ratio Lower Upper
154 100
153 116.4 92.2 138.2
152 64.3 49.1 73.7

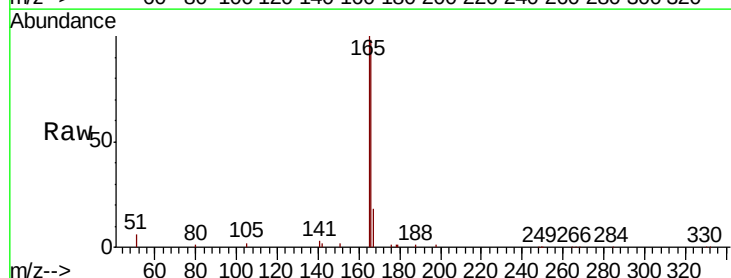


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

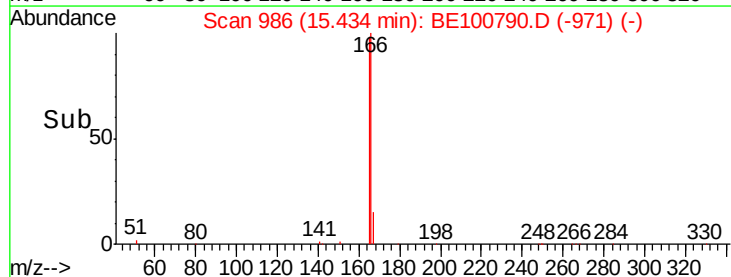
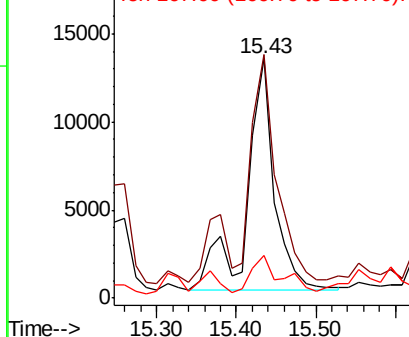


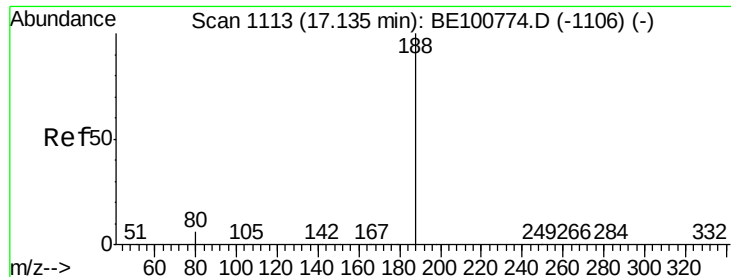
#18
Fluorene
Concen: 0.478 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:166 Resp: 31078
Ion Ratio Lower Upper
166 100
165 89.5 80.5 120.7
167 16.5 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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1

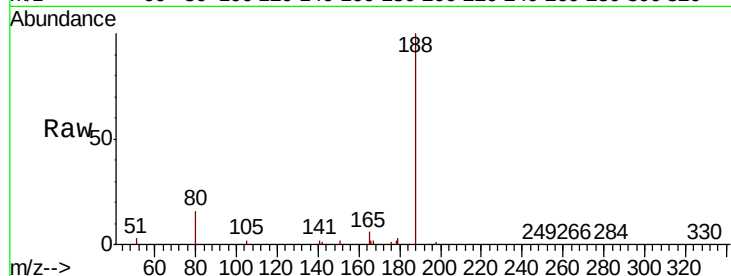
Tot Ion:188 Resp: 42615

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

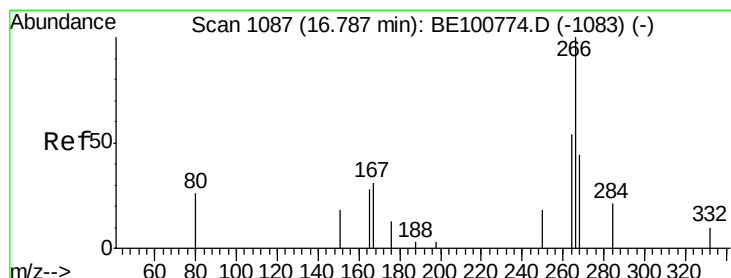
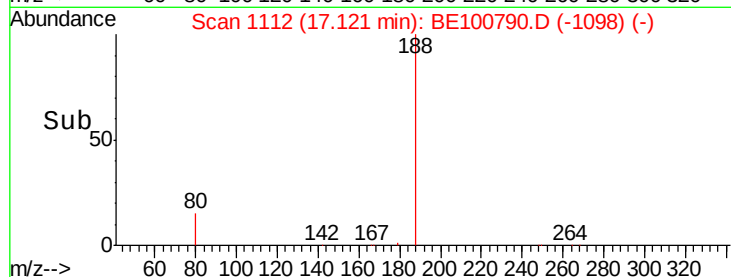
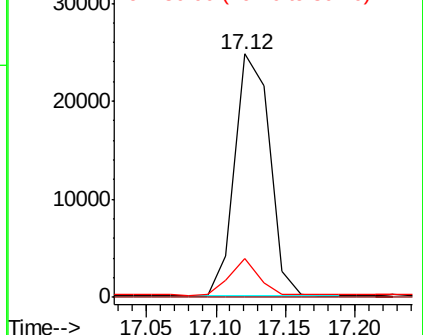
80 15.8 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#22

Pentachlorophenol

Concen: 0.099 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

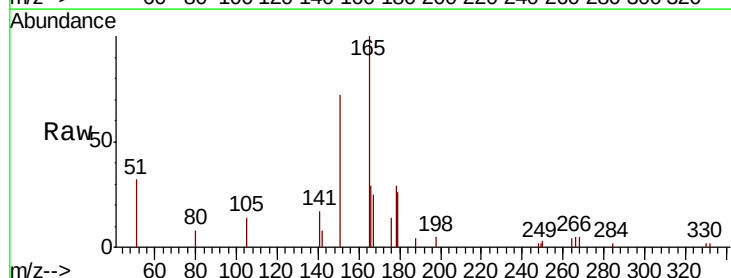
Tgt Ion:266 Resp: 156

Ion Ratio Lower Upper

266 100

264 74.5 63.4 95.0

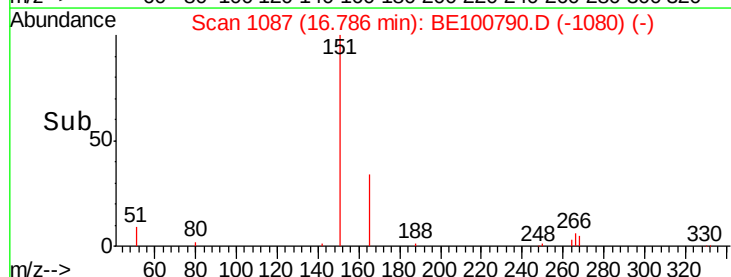
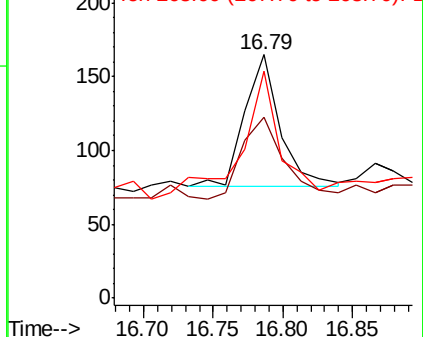
268 93.3 65.8 98.8

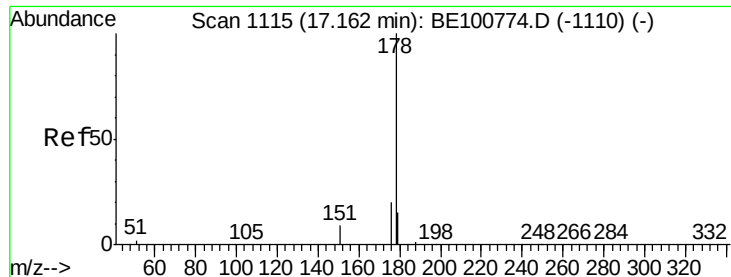


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.176 ng

RT: 17.17 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Instrument :

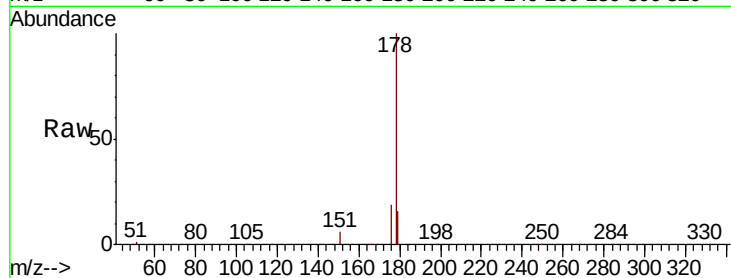
BNA_E

ClientSampleId :

EXT-084-SW178-112519-1

Tot Ion:178 Resp: 668100

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.9	12.3	18.5

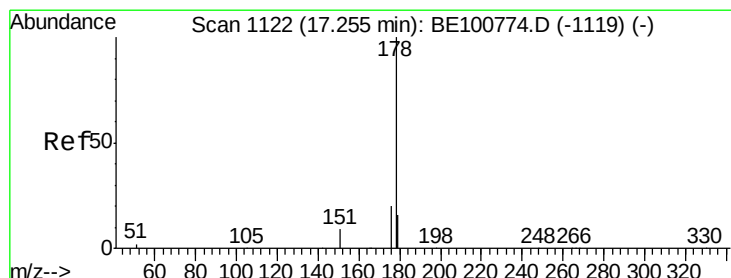
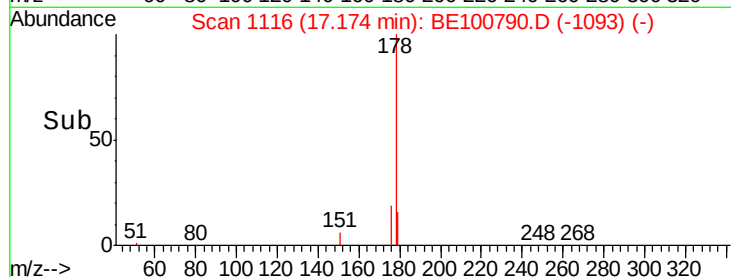
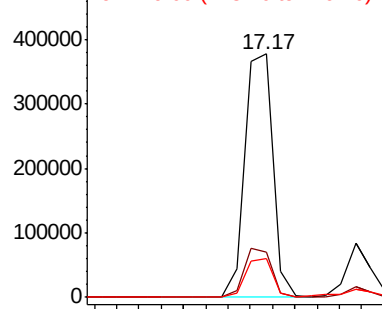


Abundance

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: 1.198 ng

RT: 17.25 min Scan# 1122

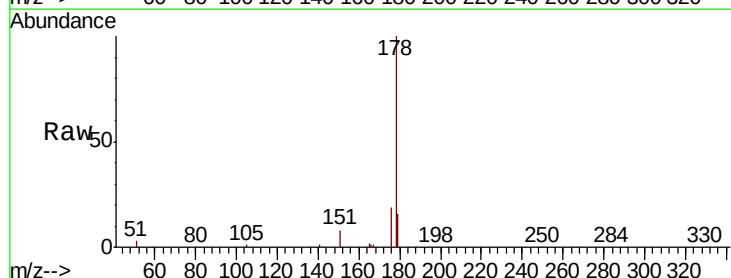
Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Tgt Ion:178 Resp: 129325

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	14.2	12.7	19.1

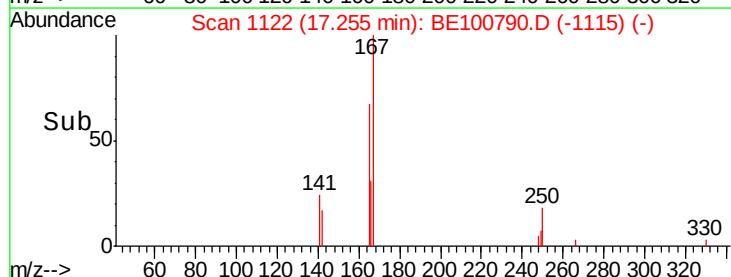
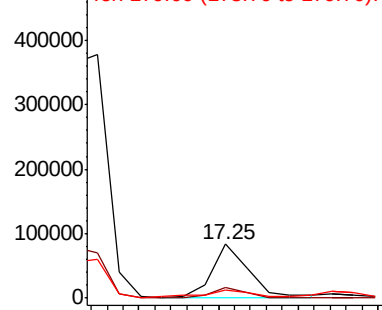


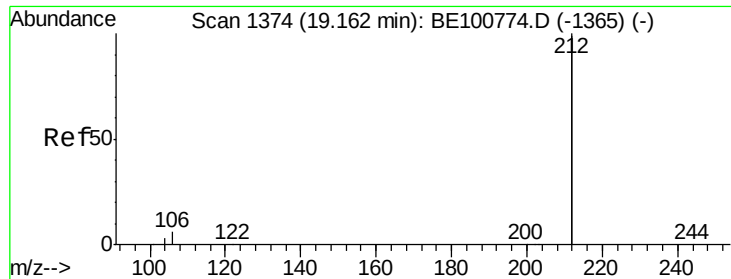
Abundance

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: 0.300 ng

RT: 19.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

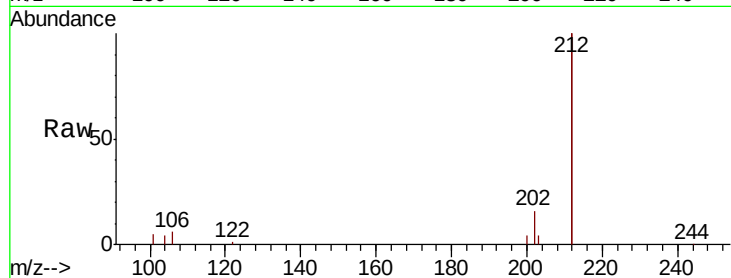
Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1

Tot Ion:	212	Resp:	151105
Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	2.3	1.4	2.2#

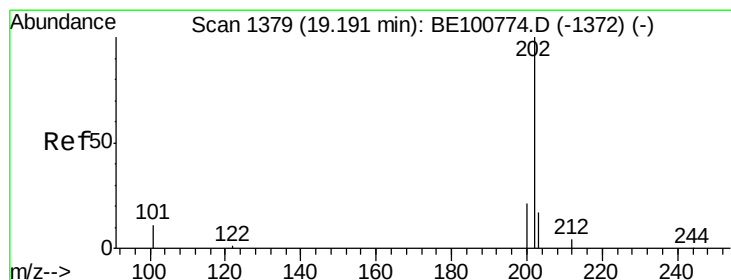
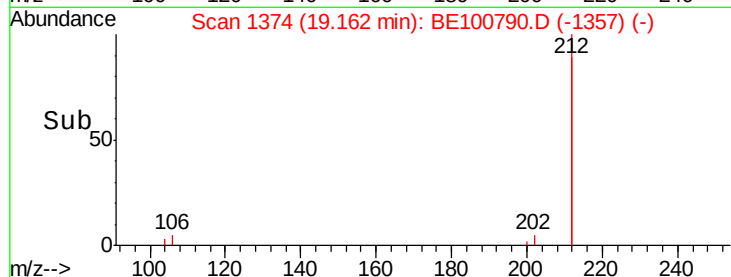
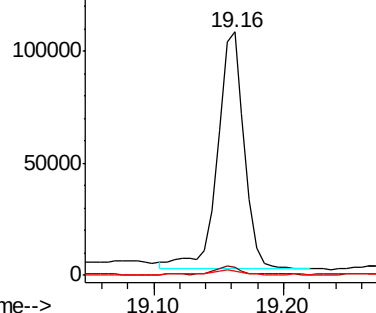


Abundance

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: 9.547 ng

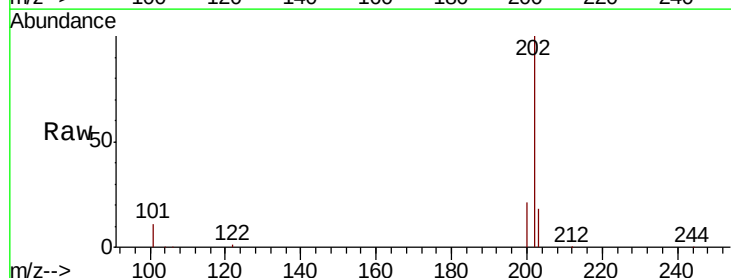
RT: 19.19 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Tgt Ion:	202	Resp:	1470813
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.1	13.7
203	18.1	13.8	20.6

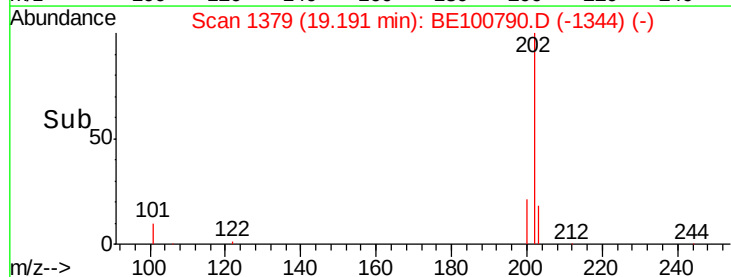
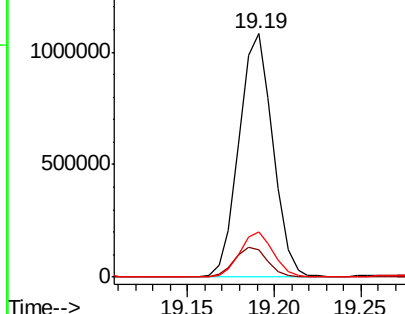


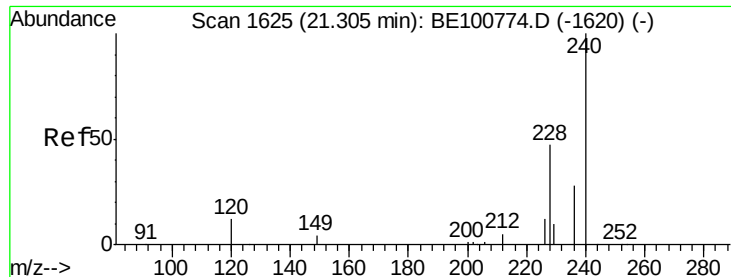
Abundance

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

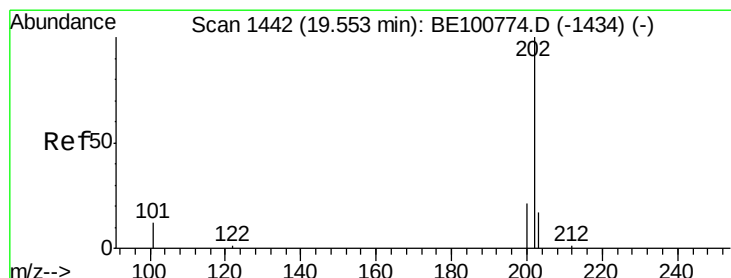
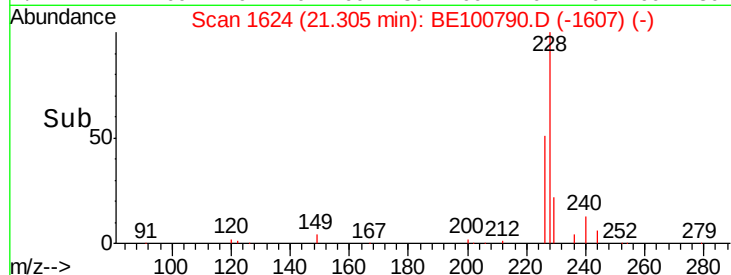
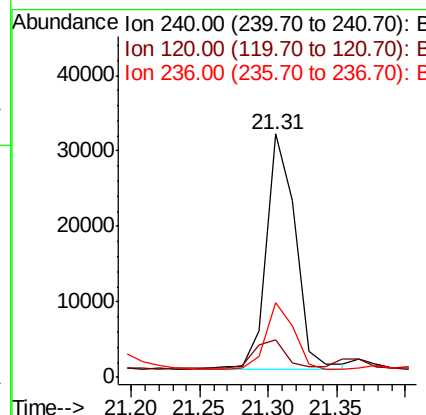
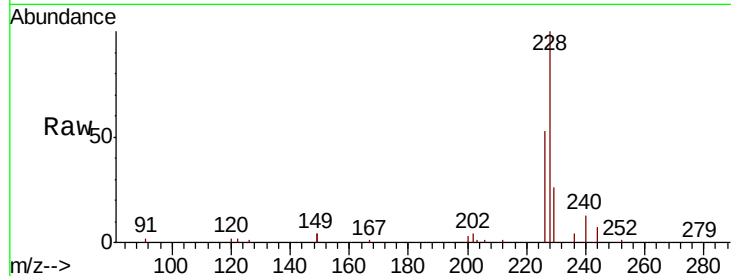




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100790.D
 Acq: 5 Dec 2019 15:49

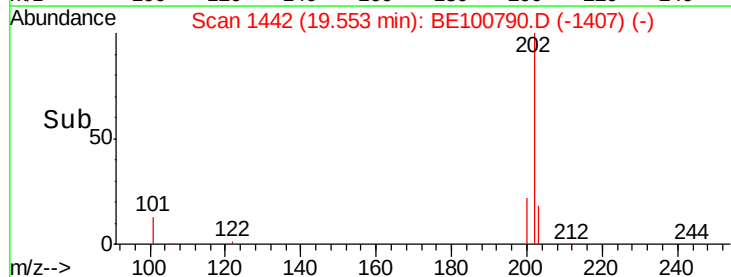
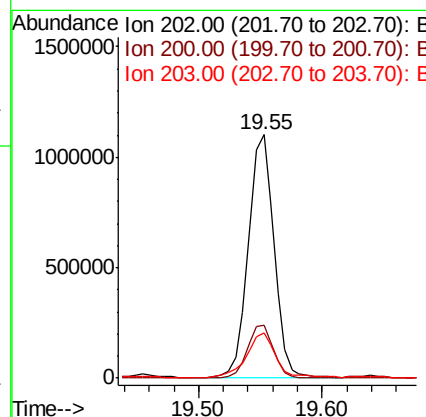
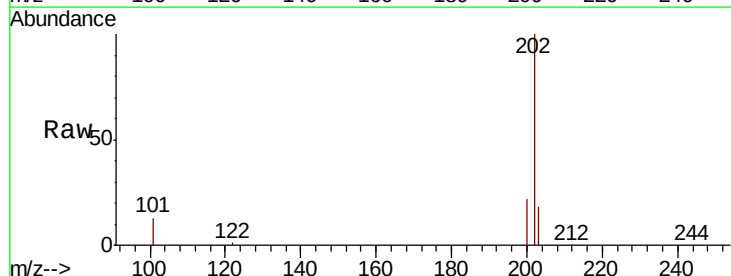
Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW178-112519-1

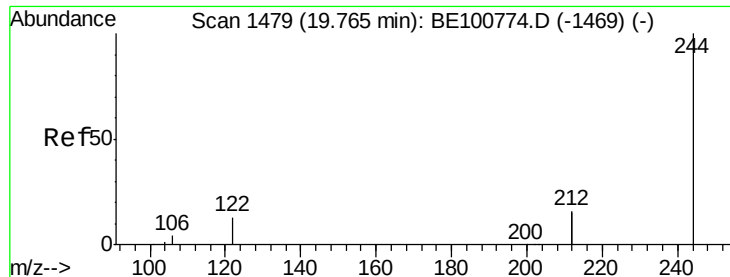
Tot Ion:240 Resp: 46033
 Ion Ratio Lower Upper
 240 100
 120 15.2 10.2 15.2
 236 30.9 22.3 33.5



#28
 Pyrene
 Concen: 10.682 ng
 RT: 19.55 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BE100790.D
 Acq: 5 Dec 2019 15:49

Tgt Ion:202 Resp: 1597700
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.0 25.4
 203 20.8 13.9 20.9





#29

Terphenyl-d14

Concen: 0.277 ng

RT: 19.77 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1

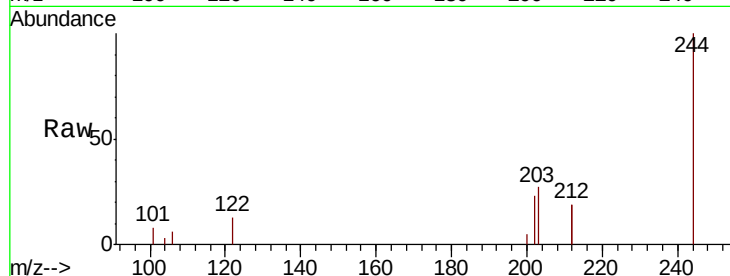
Tot Ion:244 Resp: 30574

Ion Ratio Lower Upper

244 100

212 37.4 26.2 39.4

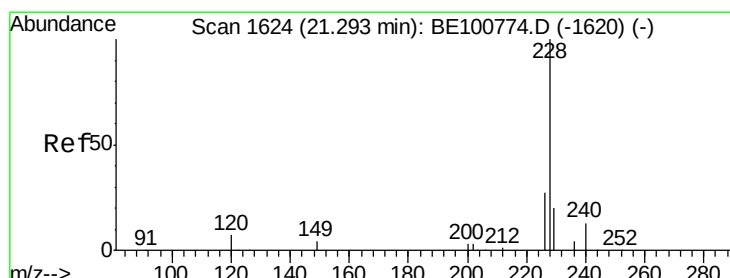
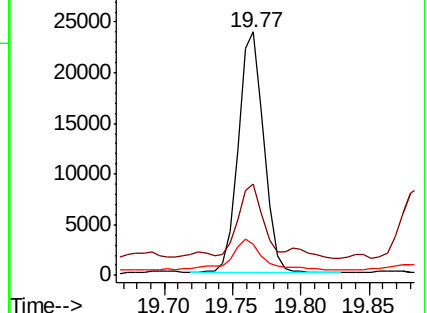
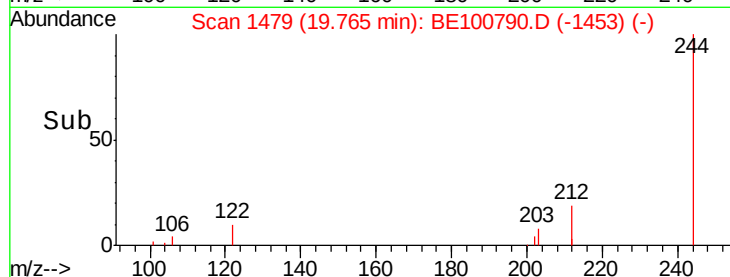
122 12.9 10.2 15.4



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: 7.431 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

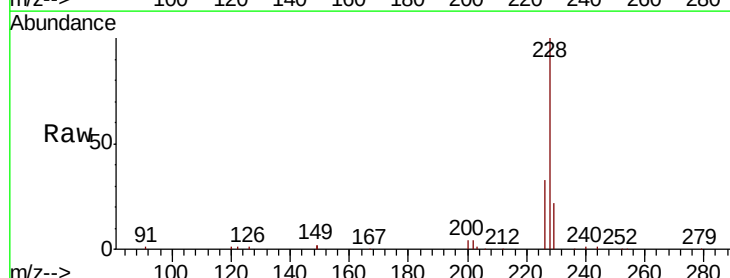
Tgt Ion:228 Resp: 1008308

Ion Ratio Lower Upper

228 100

226 33.5 21.5 32.3#

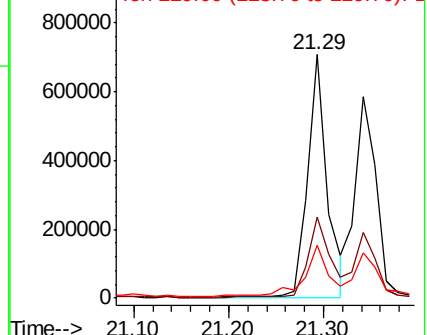
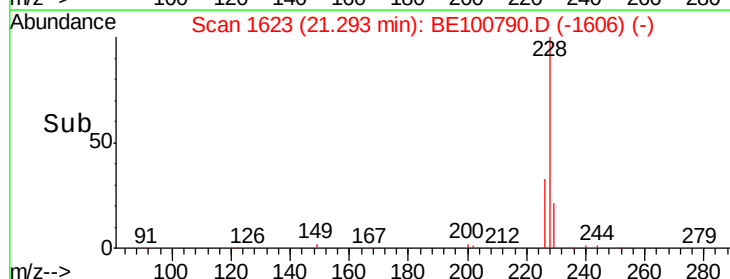
229 21.6 16.0 24.0

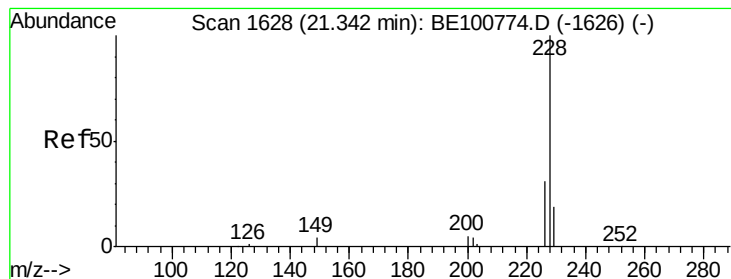


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 5.552 ng

RT: 21.34 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1

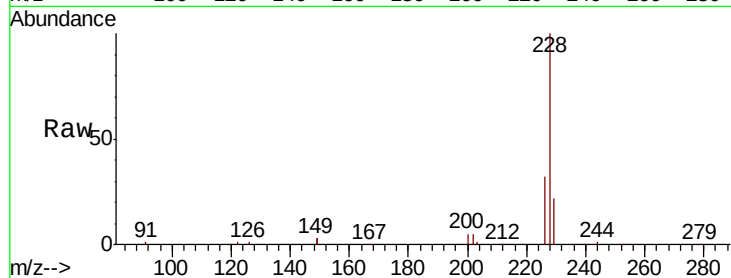
Tot Ion:228 Resp: 885206

Ion Ratio Lower Upper

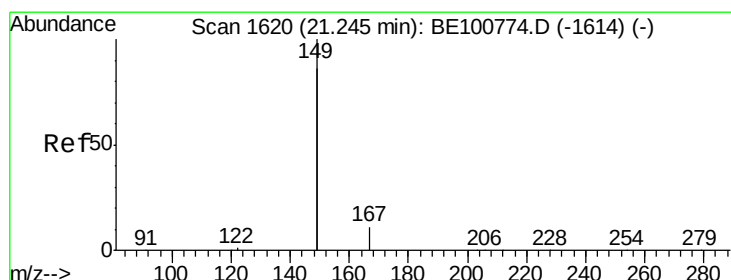
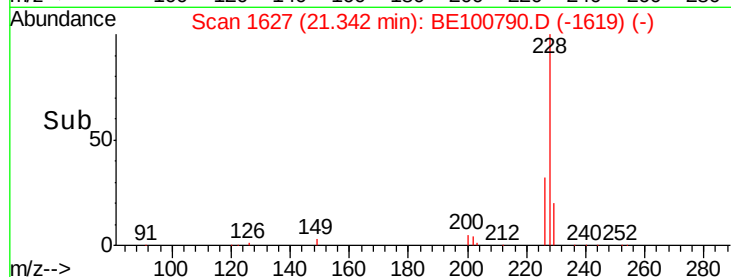
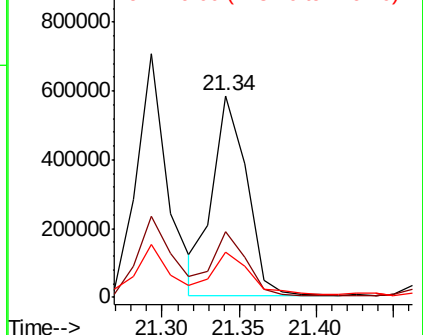
228 100

226 32.3 25.0 37.4

229 22.4 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.475 ng

RT: 21.24 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

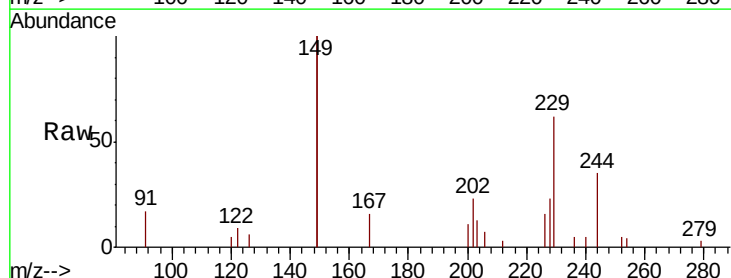
Tgt Ion:149 Resp: 45178

Ion Ratio Lower Upper

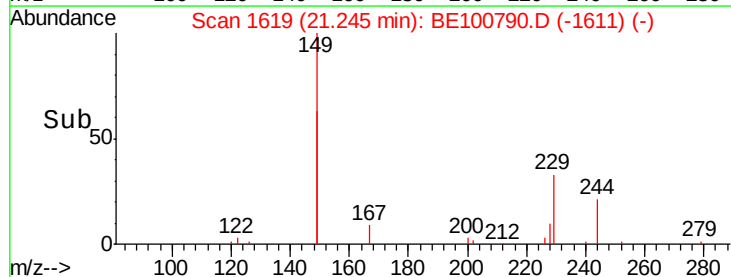
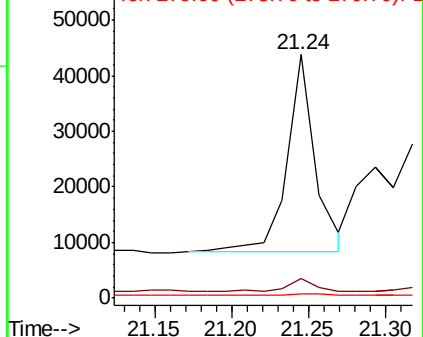
149 100

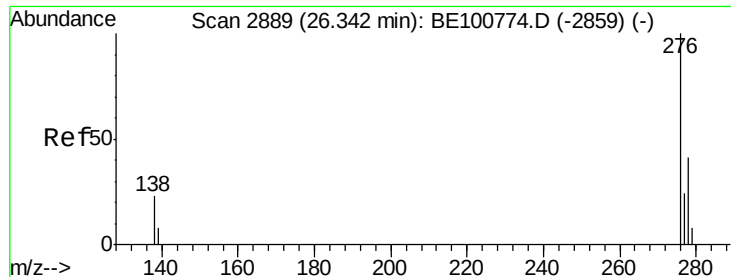
167 6.0 5.0 7.6

279 0.9 0.7 1.1



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: 3.580 ng

RT: 26.33 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1

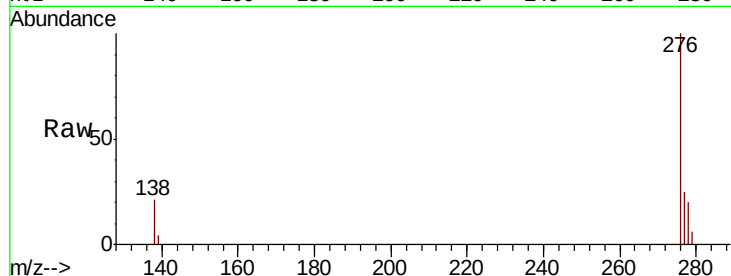
Tot Ion:276 Resp: 497235

Ion Ratio Lower Upper

276 100

138 21.1 19.4 29.0

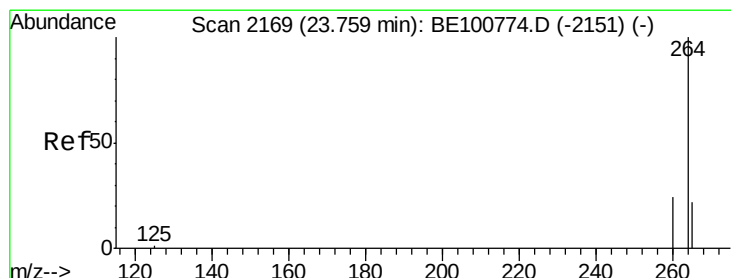
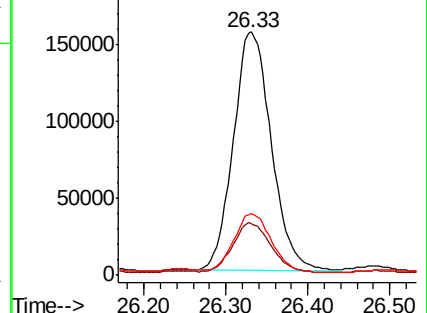
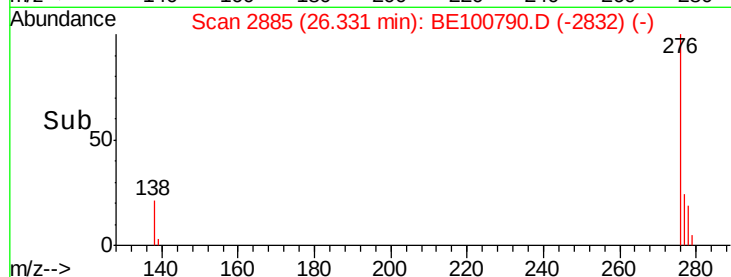
277 25.0 19.8 29.6



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: 23.76 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

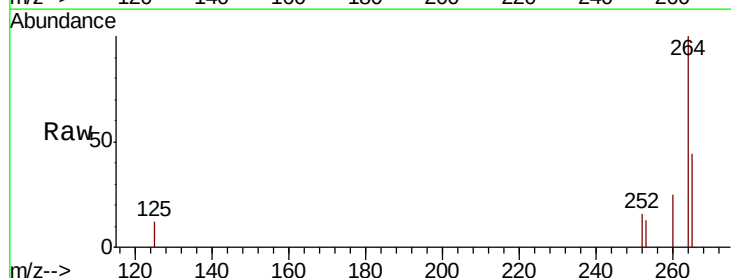
Tgt Ion:264 Resp: 55797

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.2

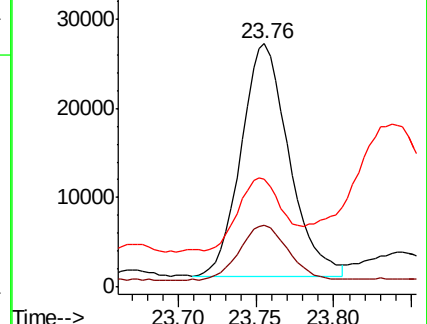
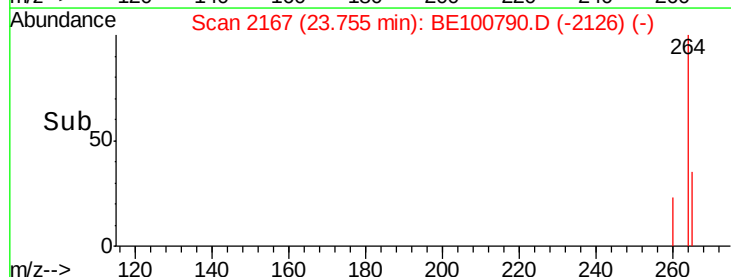
265 44.1 21.8 32.8#

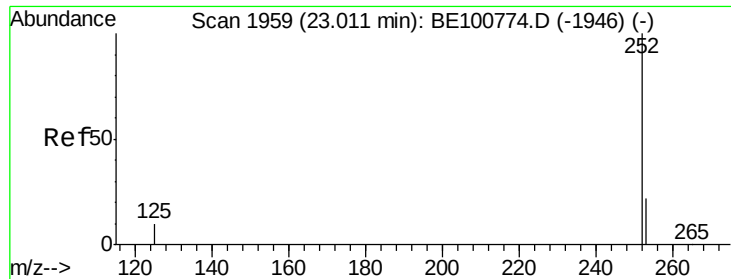


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

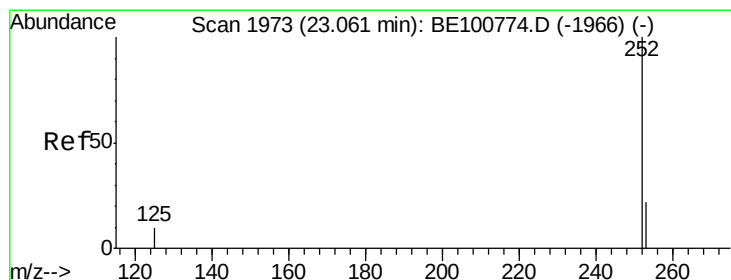
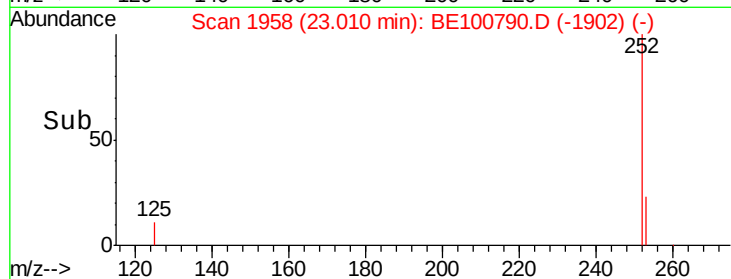
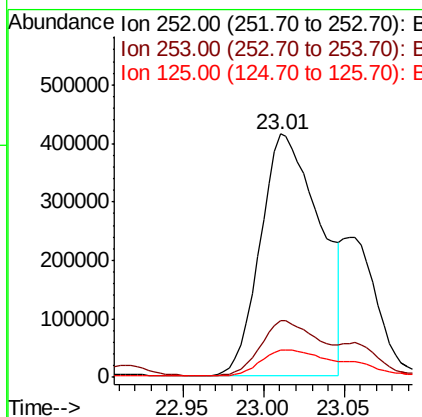
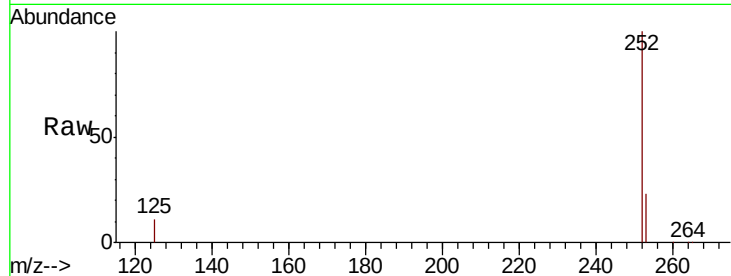




#35
Benzo(b)fluoranthene
Concen: 7.004 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

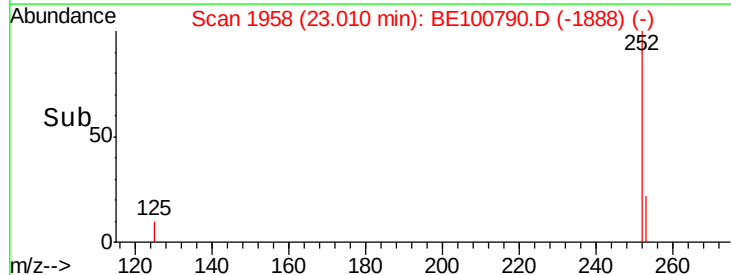
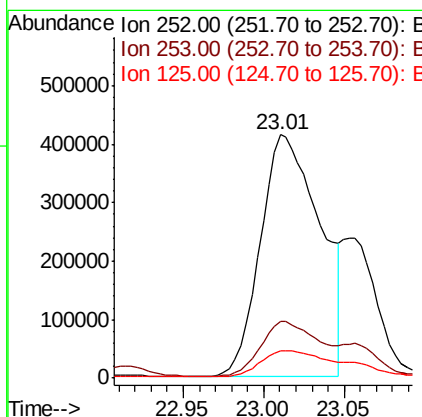
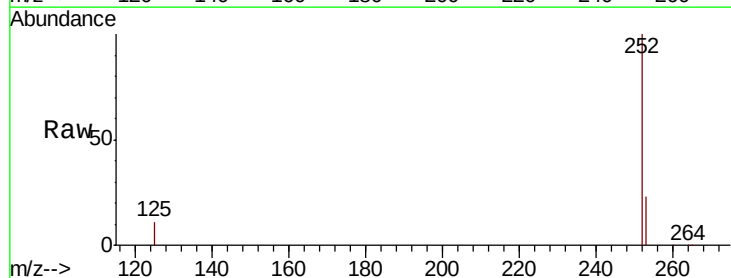
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519-1

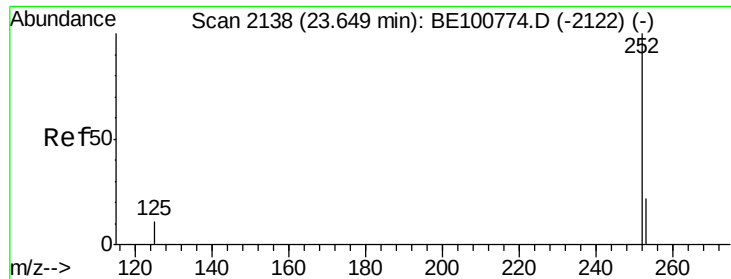
Tot Ion:252 Resp: 1069897
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 11.0 9.0 13.4



#36
Benzo(k)fluoranthene
Concen: 6.246 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.05 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:252 Resp: 1069897
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 11.0 8.7 13.1





#37

Benzo(a)pyrene

Concen: 6.282 ng

RT: 23.65 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1

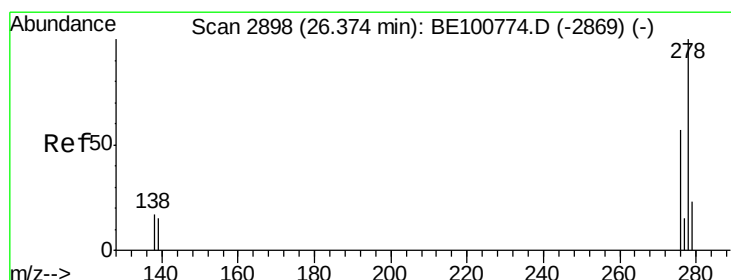
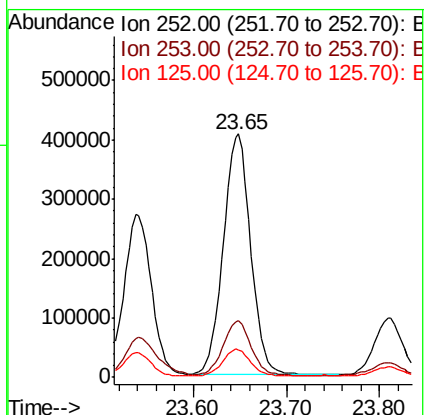
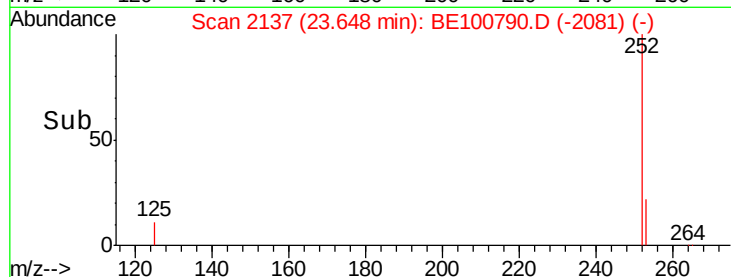
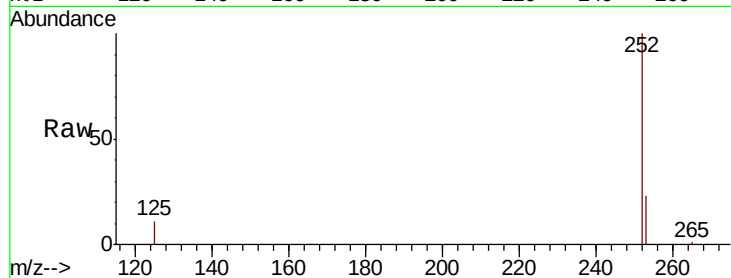
Tot Ion:252 Resp: 830858

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

125 11.4 10.4 15.6



#38

Dibenzo(a,h)anthracene

Concen: 1.022 ng

RT: 26.35 min Scan# 2890

Delta R.T. -0.03 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

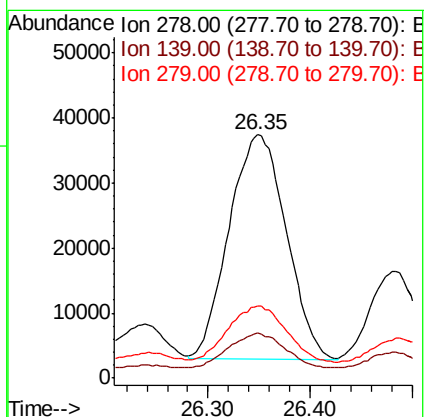
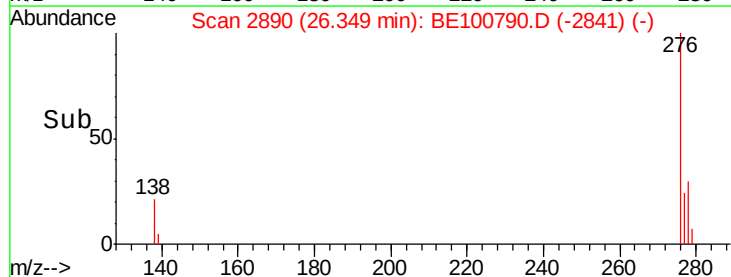
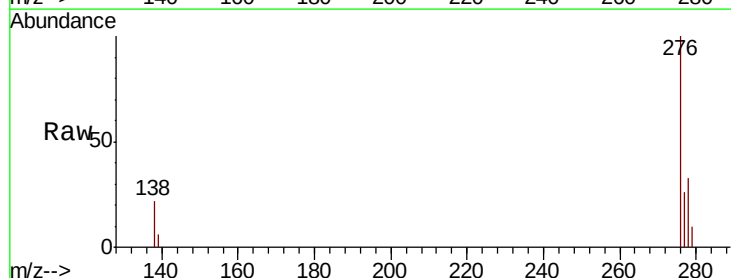
Tgt Ion:278 Resp: 134468

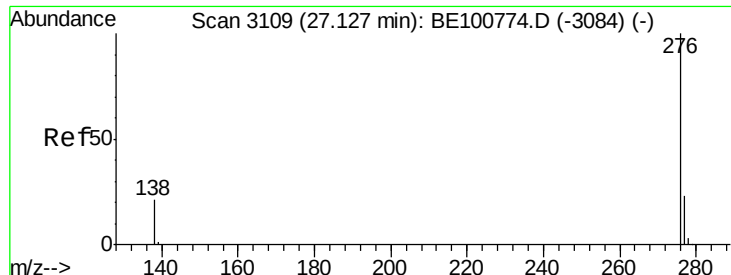
Ion Ratio Lower Upper

278 100

139 18.4 13.0 19.4

279 29.6 19.6 29.4#





#39

Benzo(a,h,i)perylene

Concen: 3.576 ng

RT: 27.12 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BE100790.D

Acq: 5 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519-1

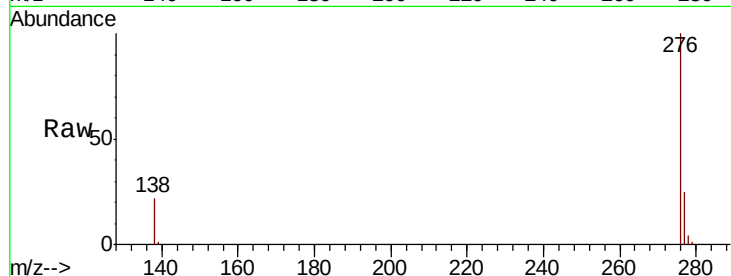
Tot Ion: 276 Resp: 503128

Ion Ratio Lower Upper

276 100

277 24.6 19.3 28.9

138 21.5 17.8 26.6



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

