

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100789.D
 Acq On : 5 Dec 2019 15:10
 Operator : JU
 Sample : K6053-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 05 18:02:37 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	6258	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	28220	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	17389	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	42923	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	45026	0.40	ng	0.00
34) Perylene-d12	23.75	264	55332	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.38	112	5011	0.34	ng	0.00
5) Phenol-d6	6.93	99	8193	0.37	ng	0.00
8) Nitrobenzene-d5	8.90	82	5346	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	10371	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1273	0.66	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	14296	0.21	ng	0.00
25) Fluoranthene-d10	19.16	212	122773	0.24	ng	0.00
29) Terphenyl-d14	19.76	244	26206	0.24	ng	0.00

Target Compounds

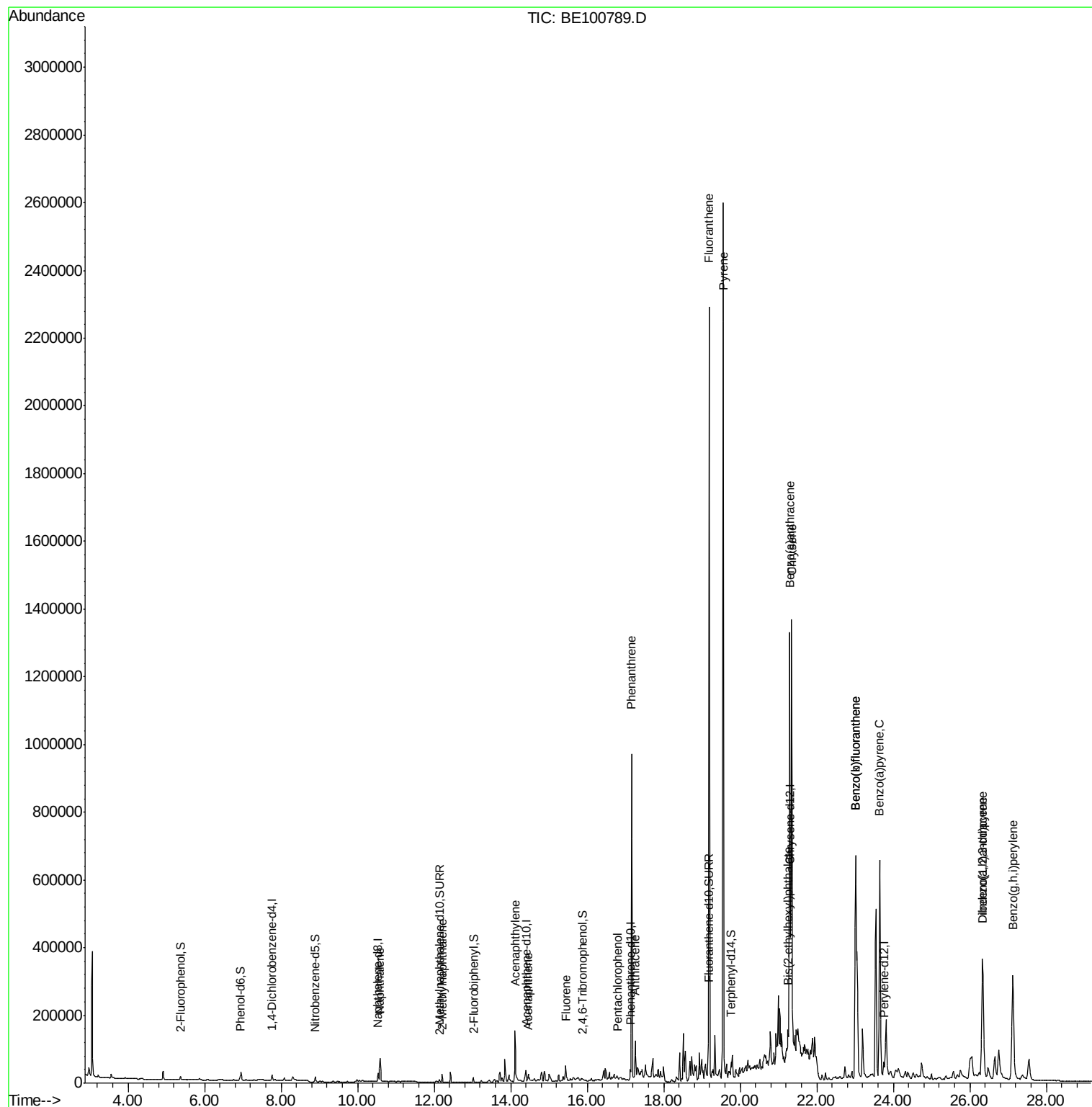
						Qvalue
9) Naphthalene	10.59	128	106929	0.357	ng	100
12) 2-Methylnaphthalene	12.21	142	16270	0.347	ng	98
16) Acenaphthylene	14.11	152	202884	2.820	ng	99
17) Acenaphthene	14.46	154	10809	0.218	ng	98
18) Fluorene	15.43	166	39615	0.620	ng	# 87
22) Pentachlorophenol	16.79	266	171	0.108	ng	97
23) Phenanthrene	17.16	178	1052827	8.098	ng	99
24) Anthracene	17.25	178	138454	1.273	ng	96
26) Fluoranthene	19.19	202	1941017	12.509	ng	97
28) Pylene	19.55	202	2264126	15.476	ng	95
30) Benzo(a)anthracene	21.29	228	1173181	8.840	ng	# 91
31) Chrysene	21.34	228	1113853	7.143	ng	96
32) Bis(2-ethylhexyl)phthalate	21.25	149	85434	0.865	ng	99
33) Indeno(1,2,3-cd)pyrene	26.33	276	653123	4.808	ng	97
35) Benzo(b)fluoranthene	23.01	252	1239954	8.185	ng	99
36) Benzo(k)fluoranthene	23.01	252	1239954	7.299	ng	99
37) Benzo(a)pyrene	23.64	252	1015480	7.743	ng	98
38) Dibenzo(a,h)anthracene	26.35	278	160770	1.232	ng	92
39) Benzo(g,h,i)perylene	27.12	276	731803	5.245	ng	99

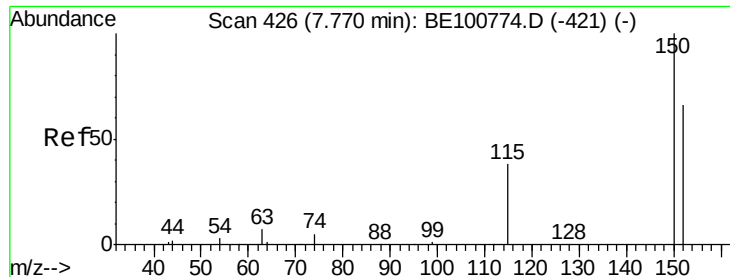
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EXT-084-SW178-112519

Quant Time: Dec 05 18:02:37 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519

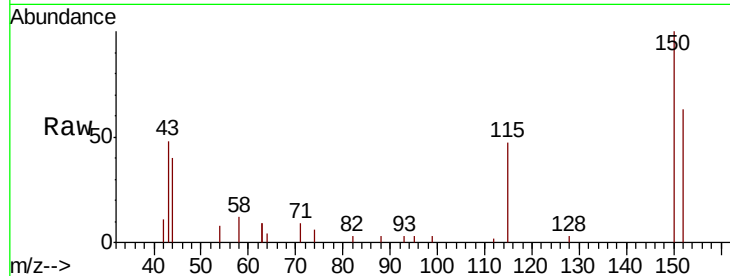
Tot Ion:152 Resp: 6258

Ion Ratio Lower Upper

152 100

150 158.8 120.6 181.0

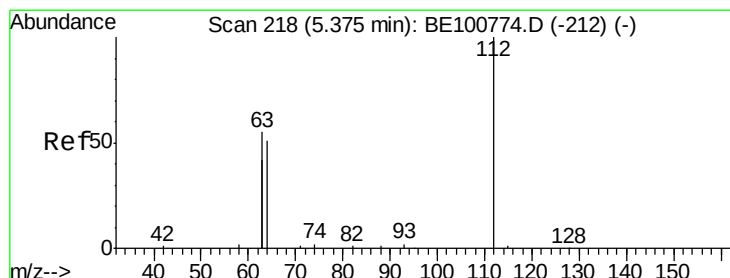
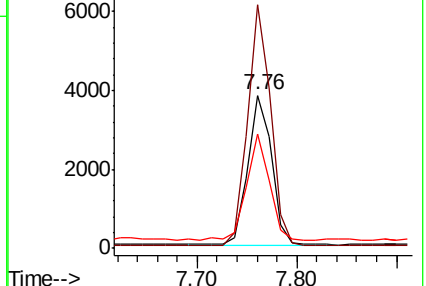
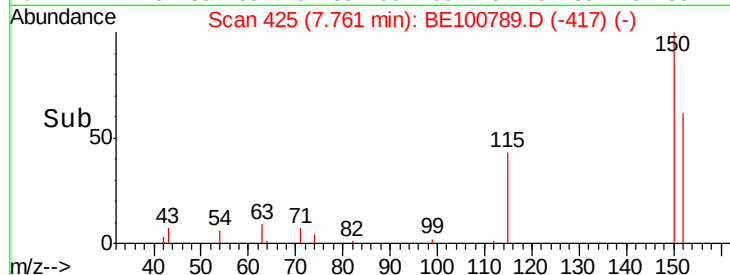
115 74.3 47.4 71.2#



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: 0.337 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

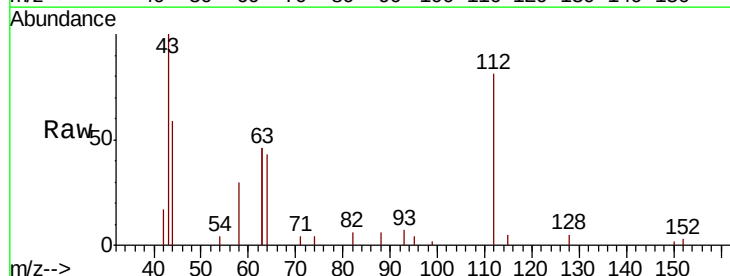
Tgt Ion:112 Resp: 5011

Ion Ratio Lower Upper

112 100

64 65.0 54.1 81.1

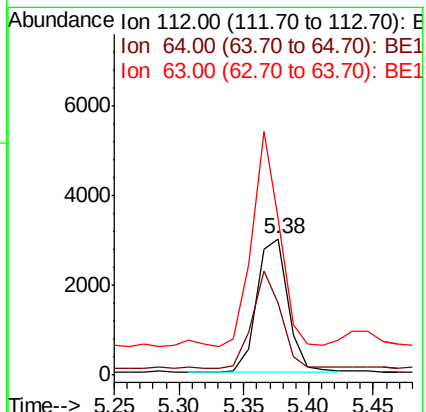
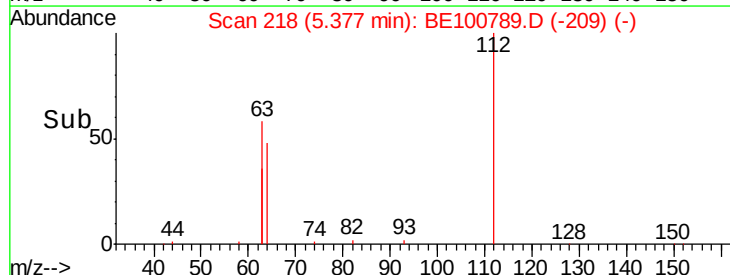
63 140.3 113.2 169.8

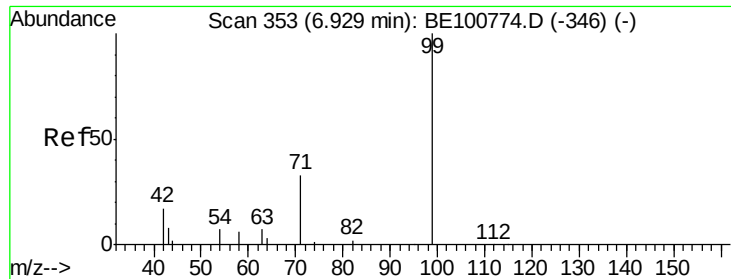


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.365 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519

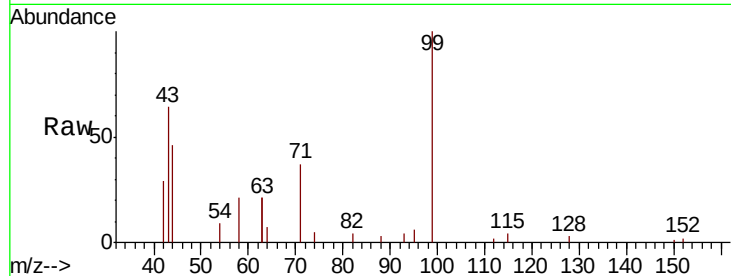
Tot Ion: 99 Resp: 8193

Ion Ratio Lower Upper

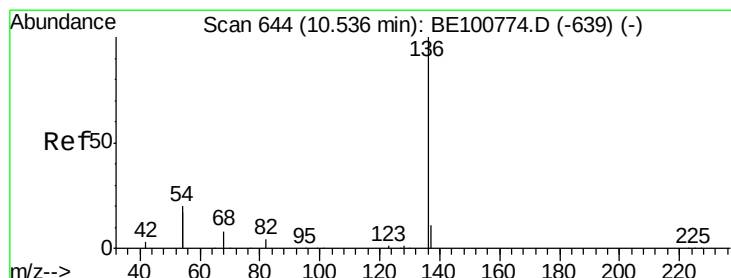
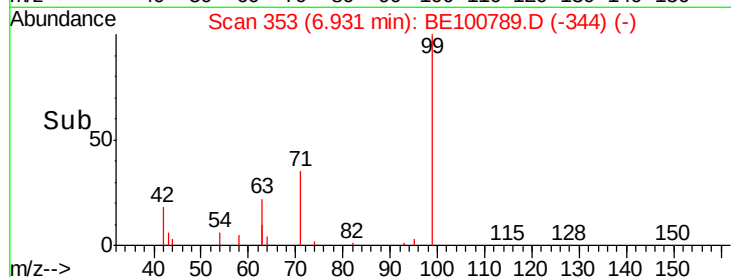
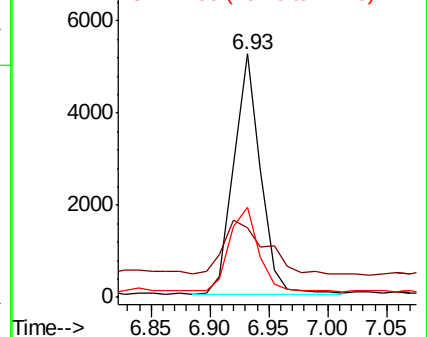
99 100

42 35.4 19.1 28.7#

71 37.7 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: BE100789.D

Acq: 5 Dec 2019 15:10

Tgt Ion: 136 Resp: 28220

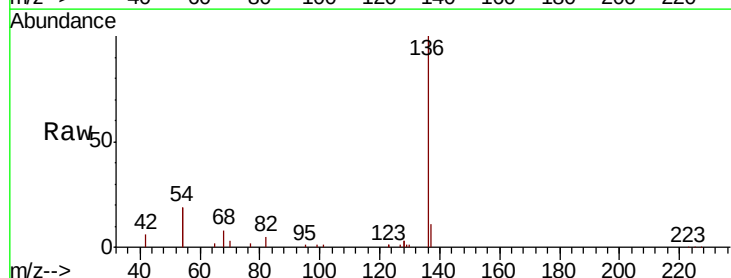
Ion Ratio Lower Upper

136 100

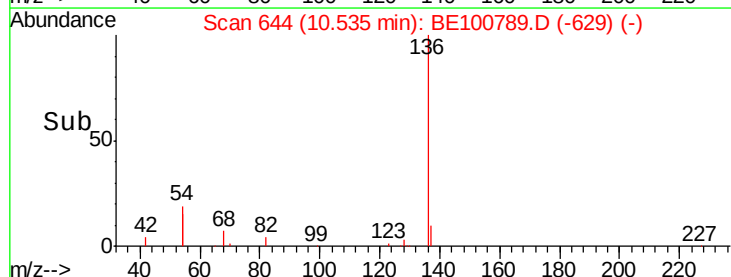
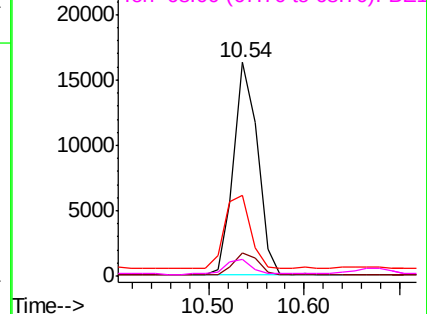
137 11.0 9.4 14.0

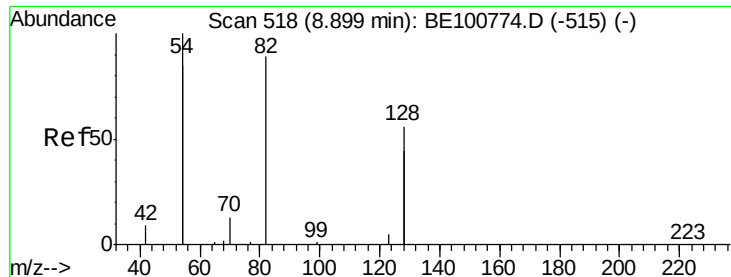
54 37.6 31.1 46.7

68 8.1 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: 0.398 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519

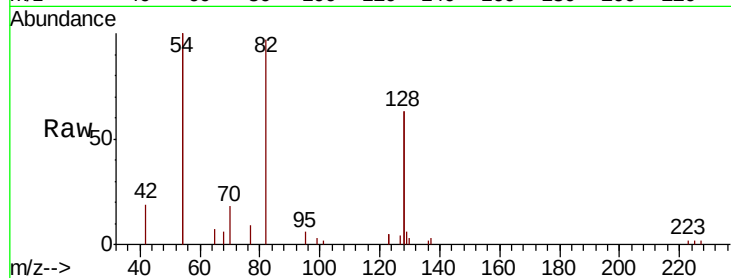
Tot Ion: 82 Resp: 5346

Ion Ratio Lower Upper

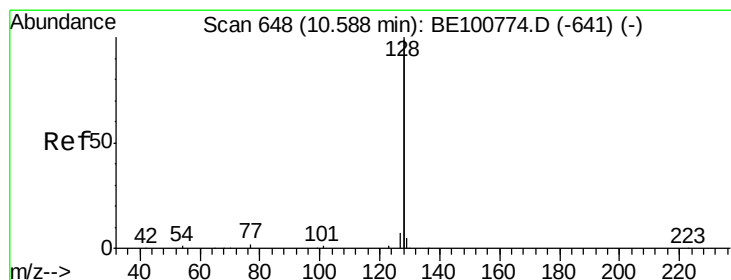
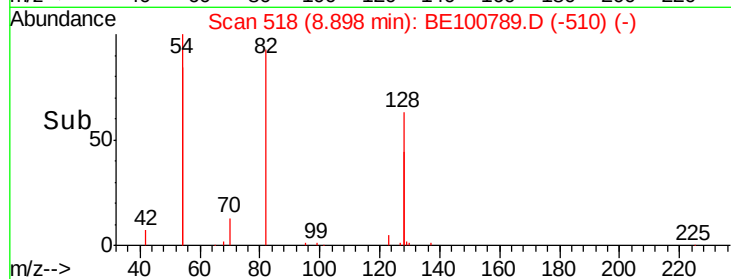
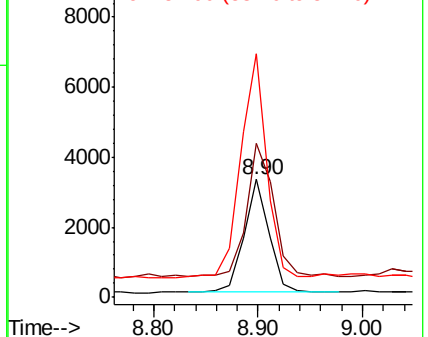
82 100

128 130.7 97.0 145.4

54 206.7 171.8 257.6



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: 0.357 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

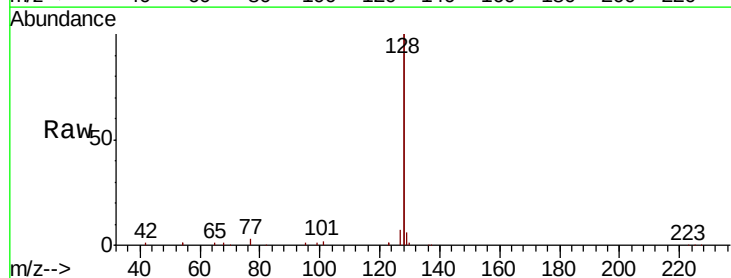
Tgt Ion: 128 Resp: 106929

Ion Ratio Lower Upper

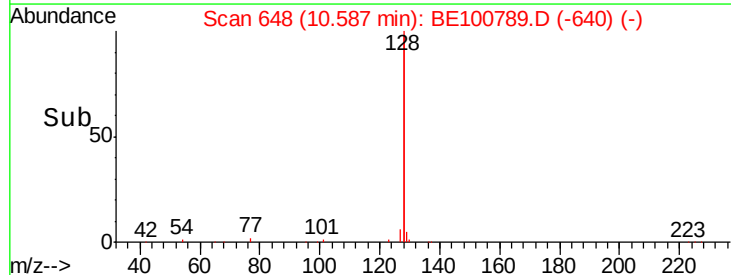
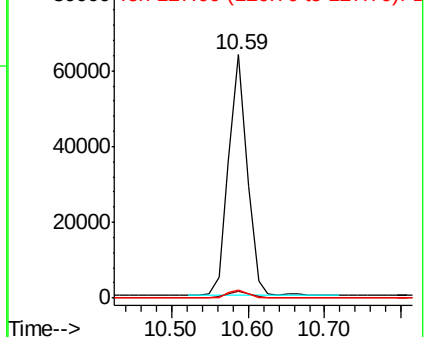
128 100

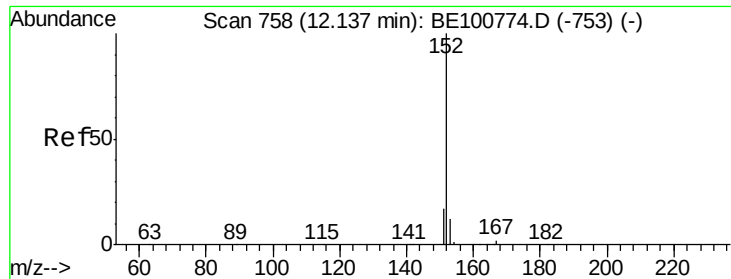
129 2.9 2.2 3.4

127 3.3 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

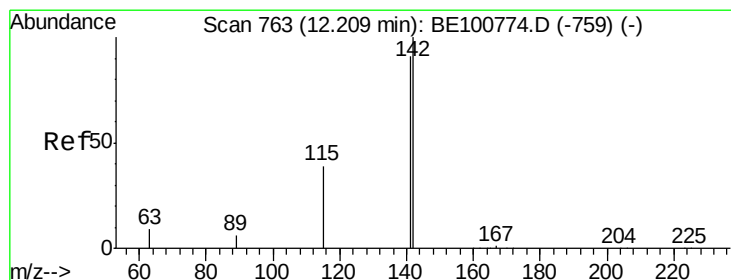
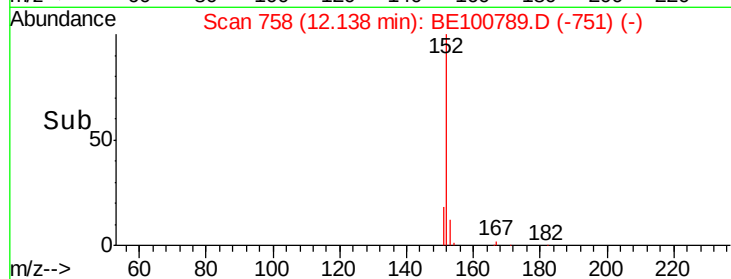
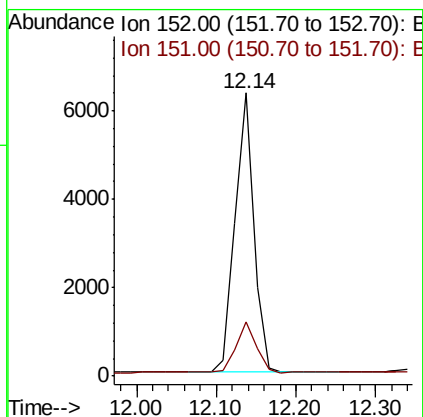
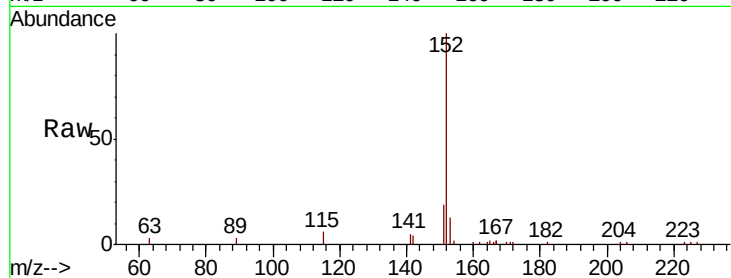




#11
 2-Methylnaphthalene-d10
 Concen: 0.254 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100789.D
 Acq: 5 Dec 2019 15:10

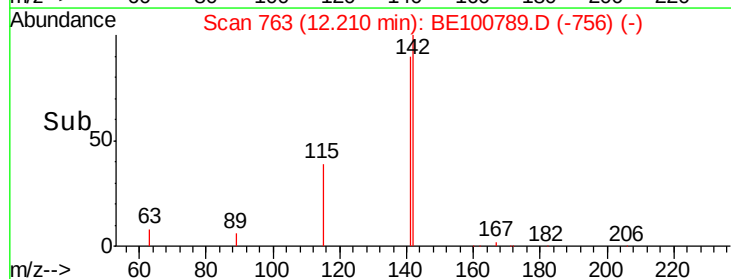
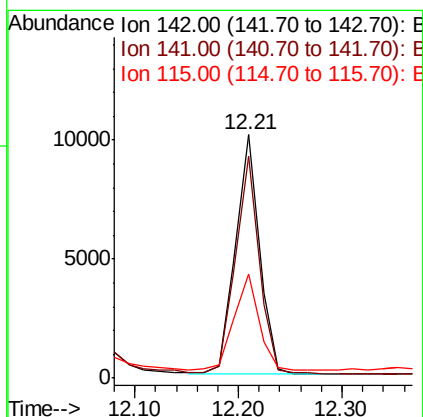
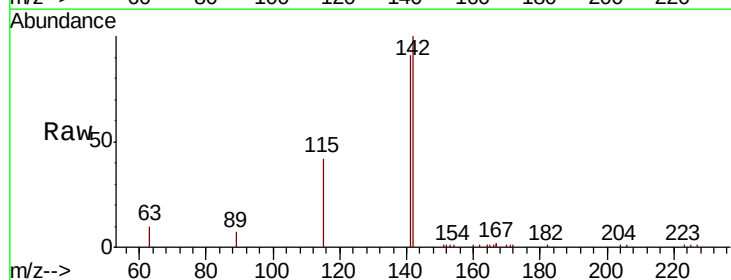
Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW178-112519

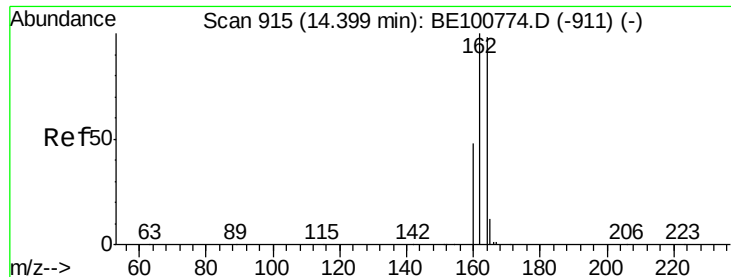
Tot Ion:152 Resp: 10371
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.347 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE100789.D
 Acq: 5 Dec 2019 15:10

Tgt Ion:142 Resp: 16270
 Ion Ratio Lower Upper
 142 100
 141 90.9 72.6 108.8
 115 42.5 31.8 47.6

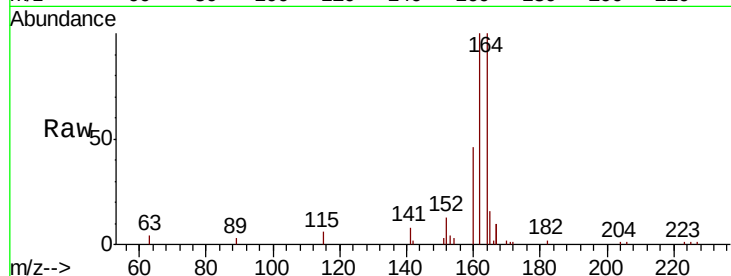




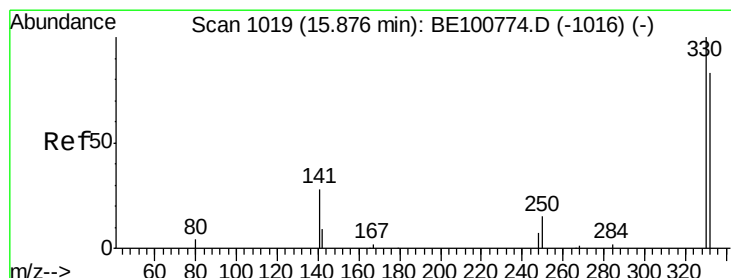
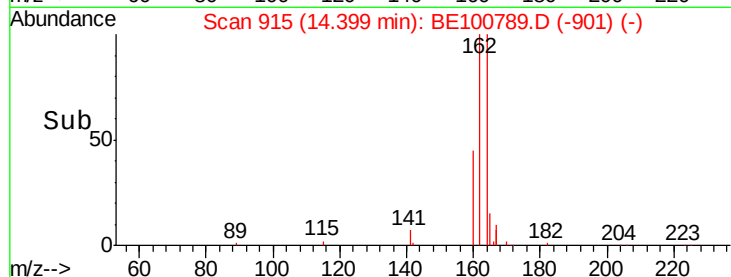
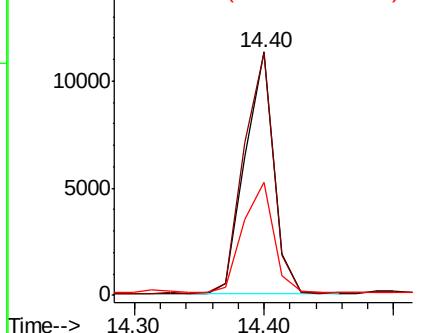
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

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

Tot Ion:164 Resp: 17389
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 46.4 39.4 59.0

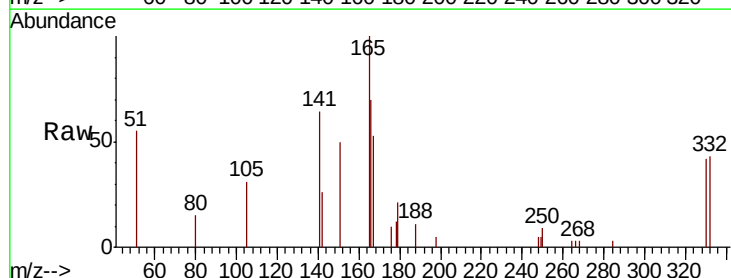


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

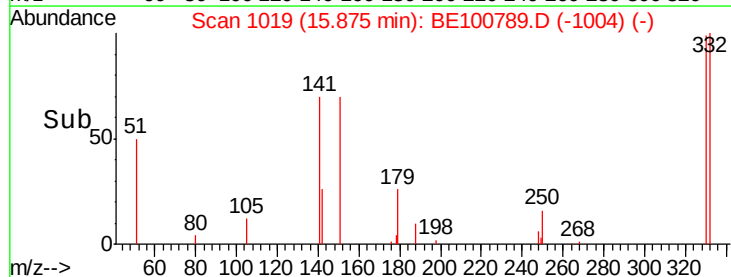
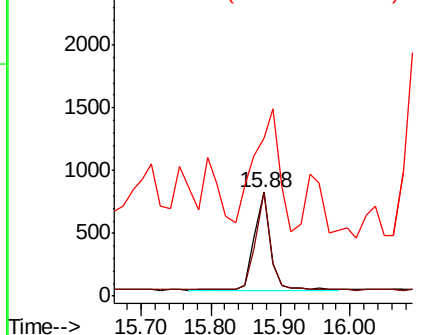


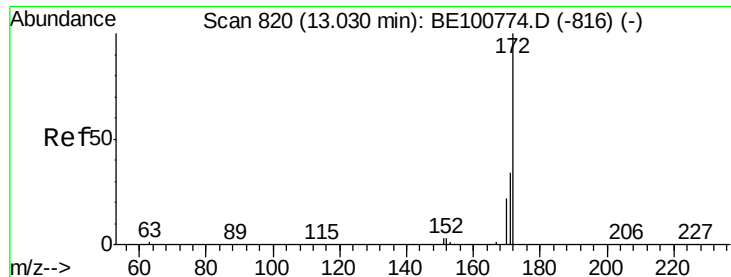
#14
2,4,6-Tribromophenol
Concen: 0.658 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:330 Resp: 1273
Ion Ratio Lower Upper
330 100
332 92.1 69.4 104.2
141 194.0 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

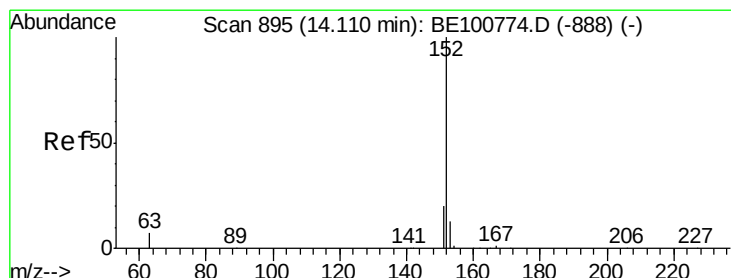
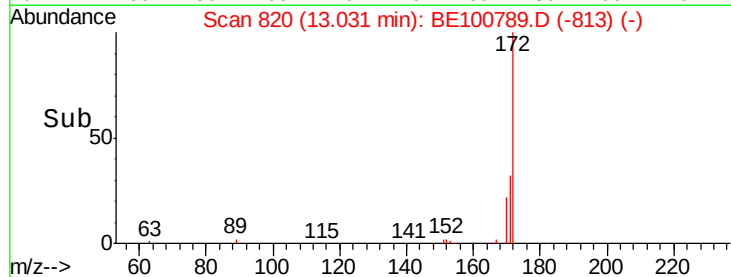
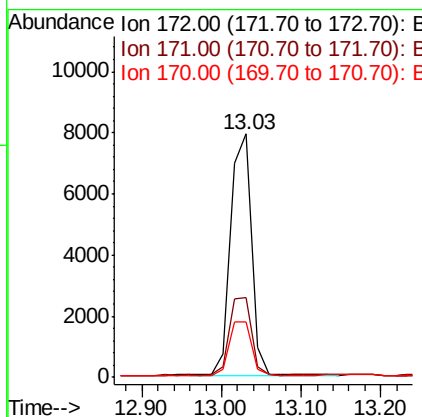
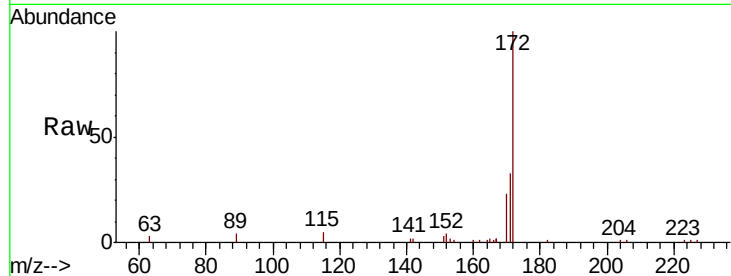




#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

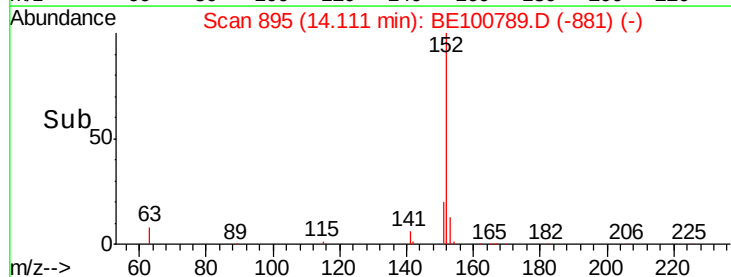
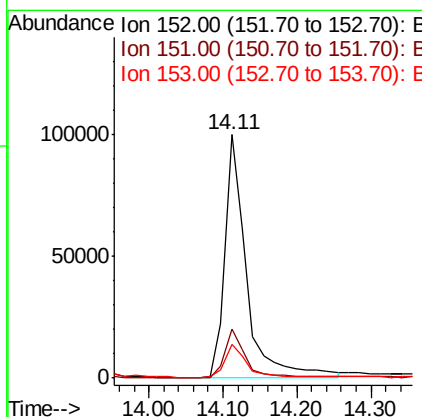
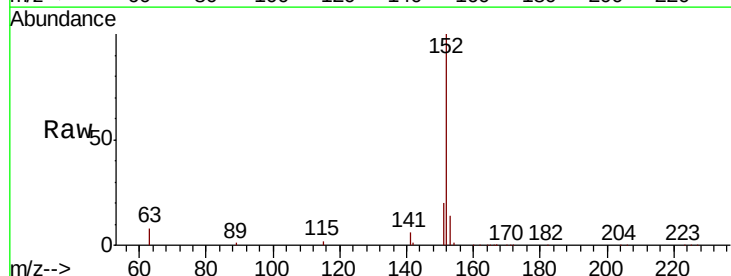
Instrument :
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EXT-084-SW178-112519

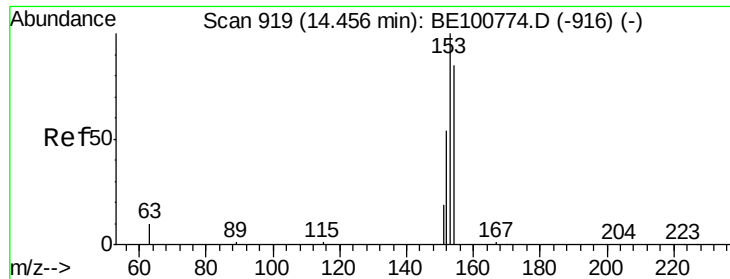
Tot Ion:172 Resp: 14296
Ion Ratio Lower Upper
172 100
171 32.8 27.2 40.8
170 22.6 18.0 27.0



#16
Acenaphthylene
Concen: 2.820 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:152 Resp: 202884
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.7 10.4 15.6

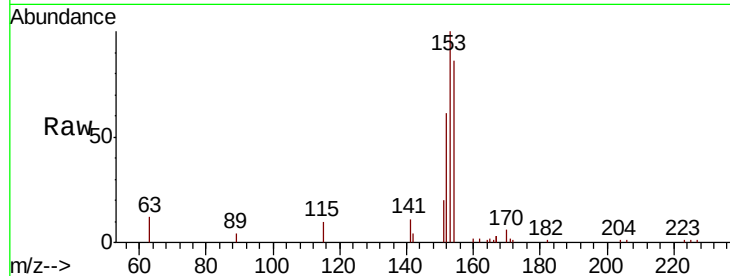




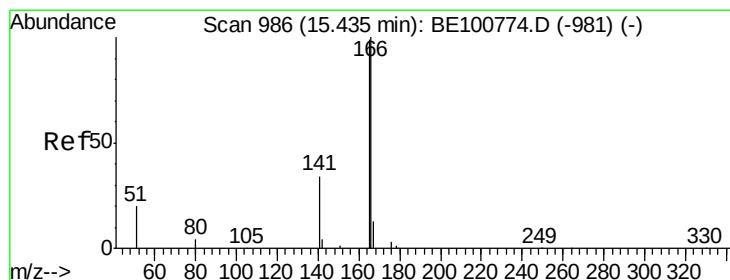
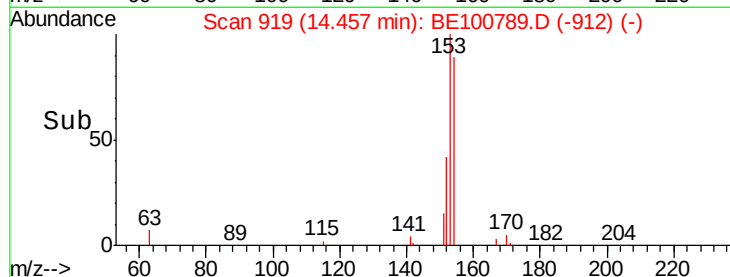
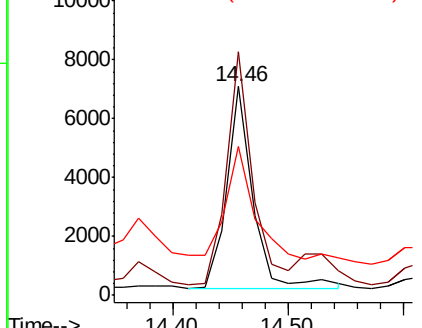
#17
Acenaphthene
Concen: 0.218 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

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

Tot Ion:154 Resp: 10809
Ion Ratio Lower Upper
154 100
153 114.1 92.2 138.2
152 59.2 49.1 73.7

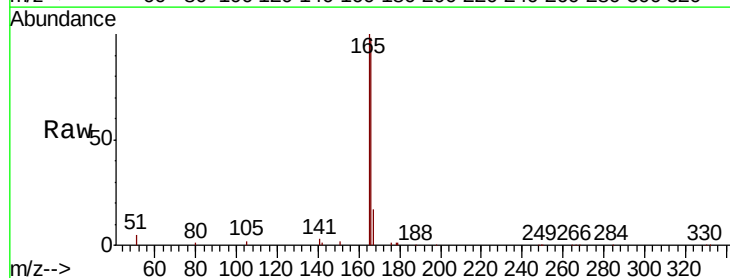


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

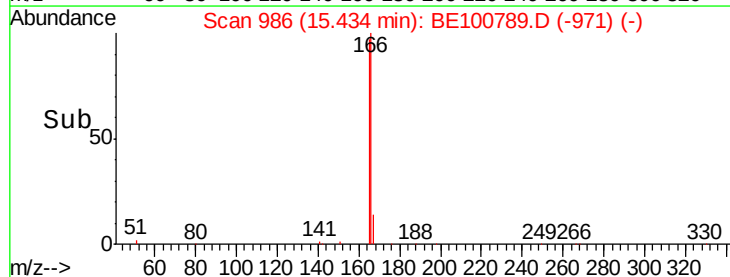
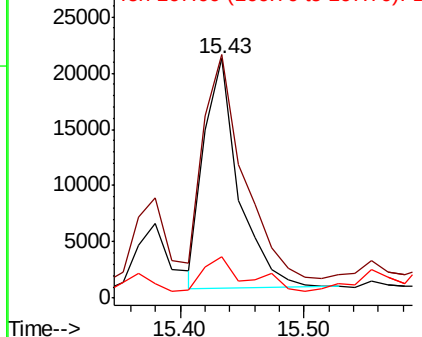


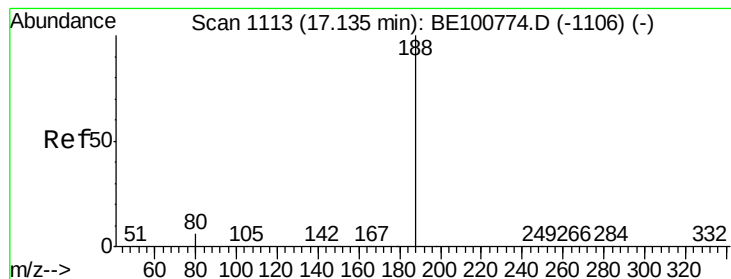
#18
Fluorene
Concen: 0.620 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:166 Resp: 39615
Ion Ratio Lower Upper
166 100
165 113.2 80.5 120.7
167 19.1 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: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519

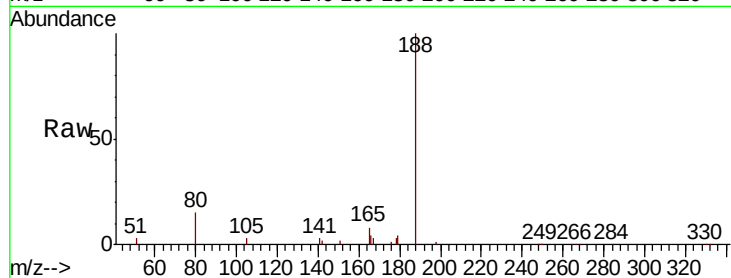
Tot Ion:188 Resp: 42923

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

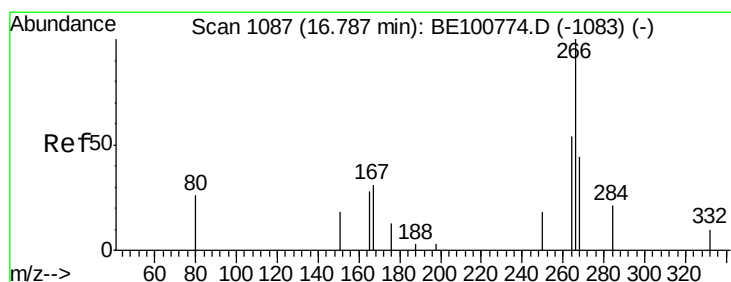
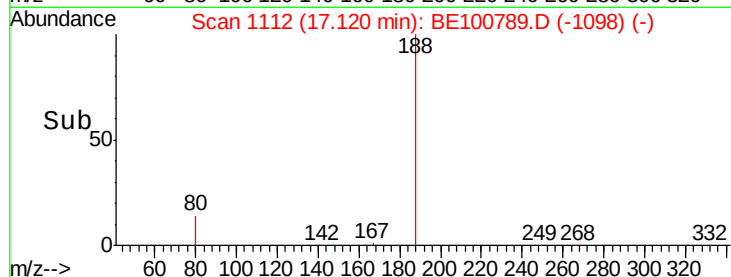
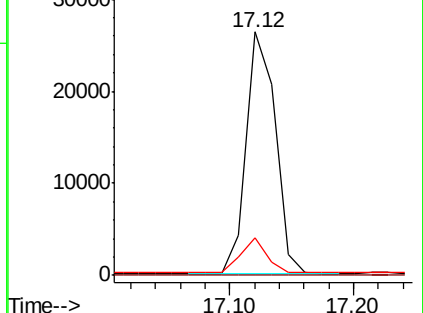
80 15.2 5.2 7.8#



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: 0.108 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

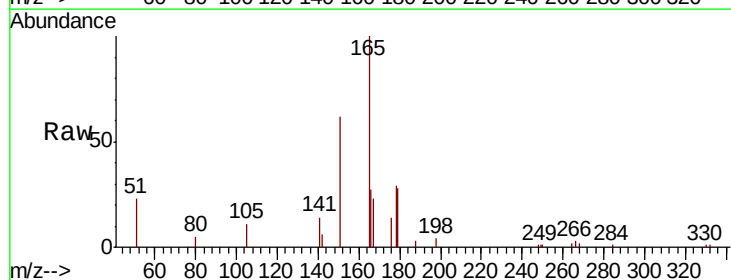
Tgt Ion:266 Resp: 171

Ion Ratio Lower Upper

266 100

264 75.5 63.4 95.0

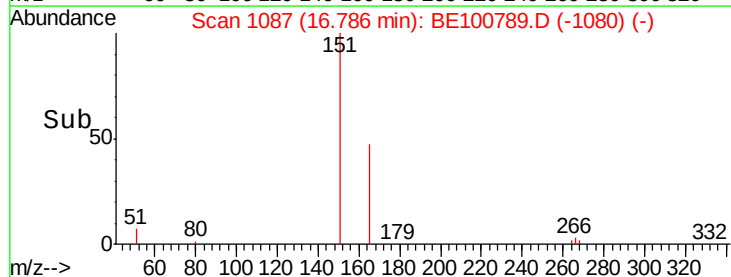
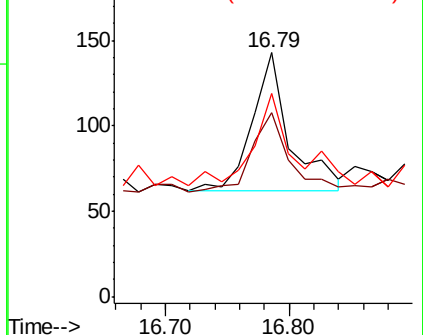
268 83.2 65.8 98.8

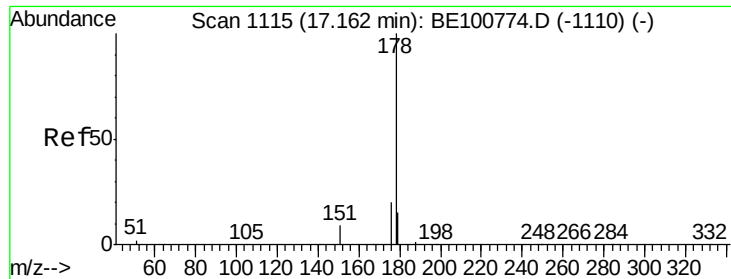


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 8.098 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

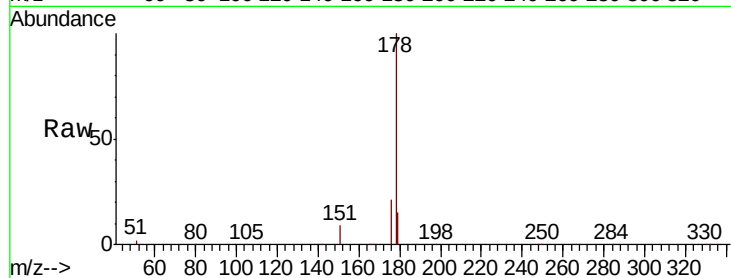
BNA_E

ClientSampleId :

EXT-084-SW178-112519

Tot Ion:178 Resp: 1052827

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.9	12.3	18.5

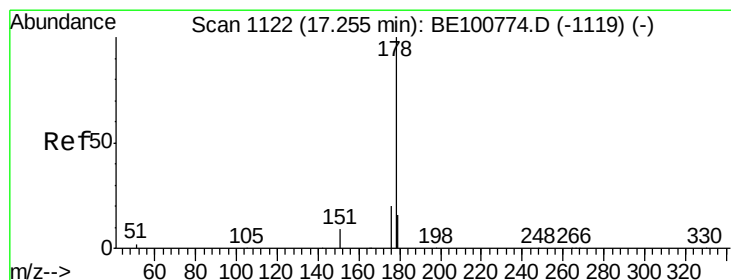
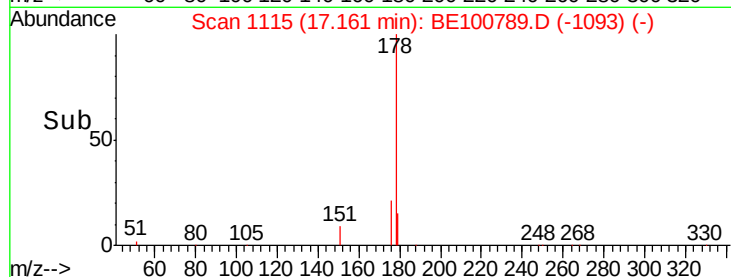
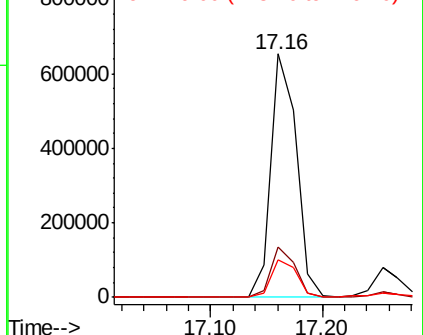


Abundance

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: 1.273 ng

RT: 17.25 min Scan# 1122

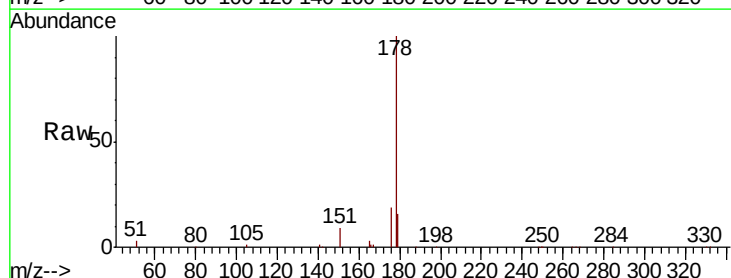
Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Tgt Ion:178 Resp: 138454

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	13.0	12.7	19.1

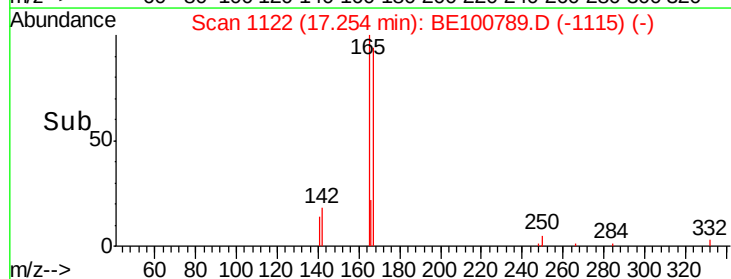
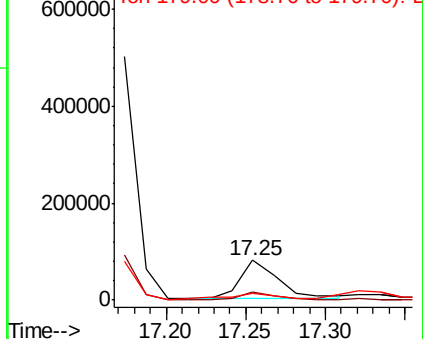


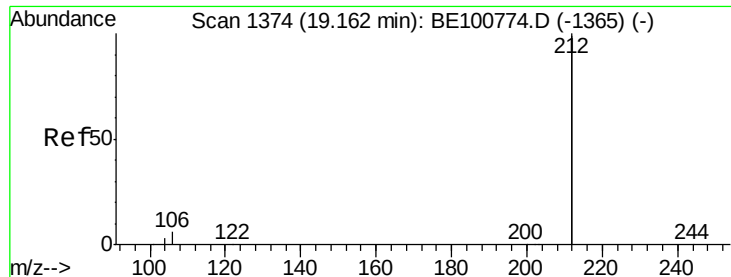
Abundance

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: 0.242 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519

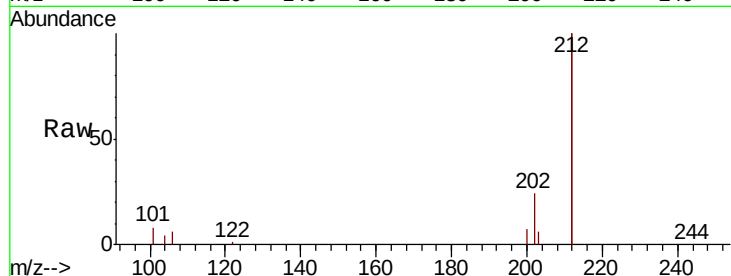
Tot Ion:212 Resp: 122773

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

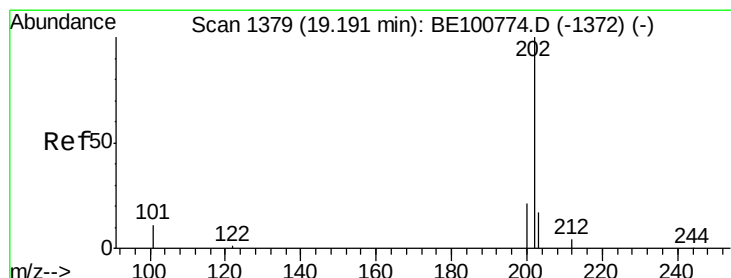
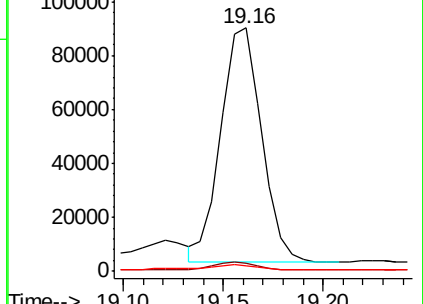
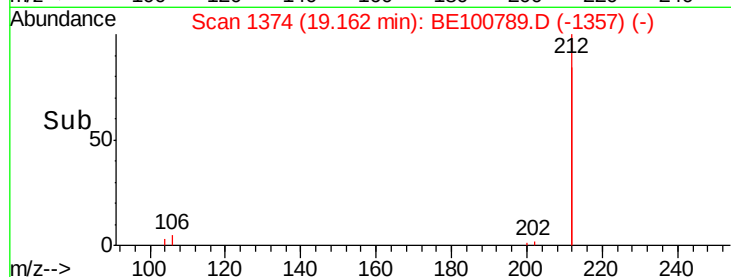
104 2.3 1.4 2.2#



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: 12.509 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

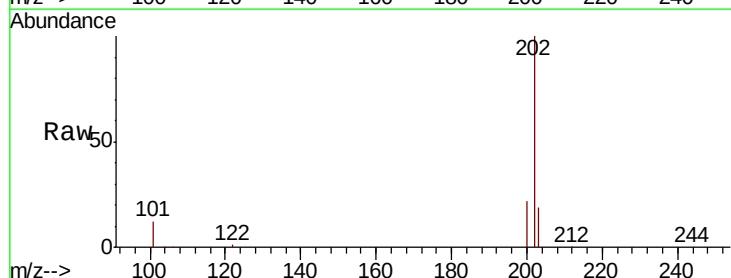
Tgt Ion:202 Resp: 1941017

Ion Ratio Lower Upper

202 100

101 12.3 9.1 13.7

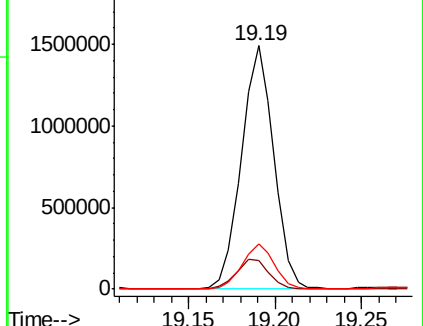
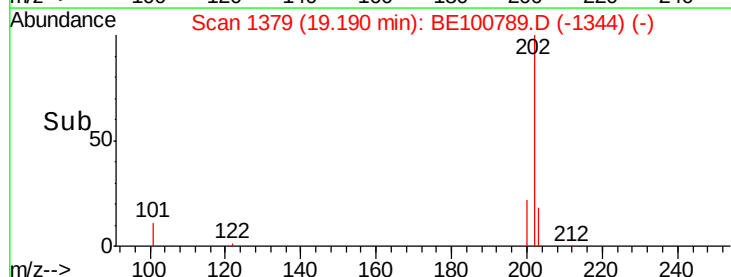
203 18.4 13.8 20.6

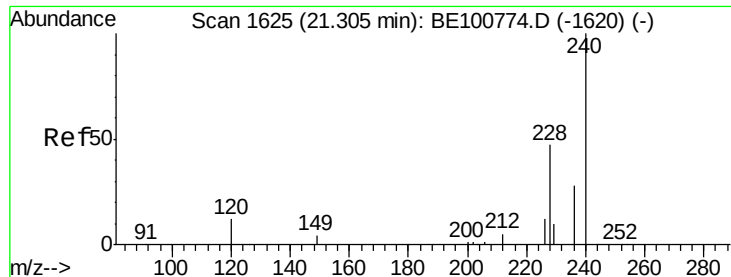


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

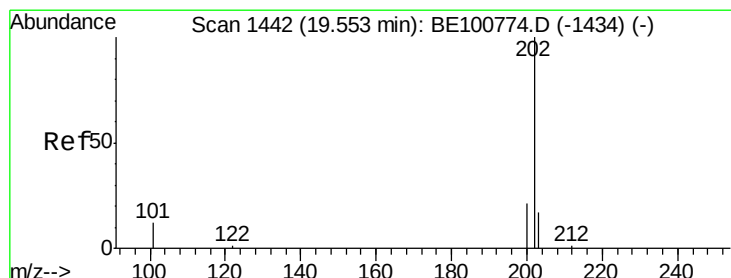
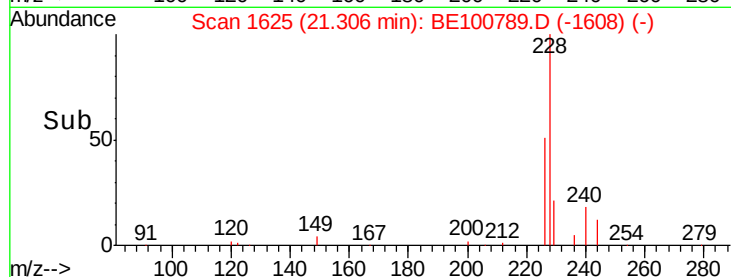
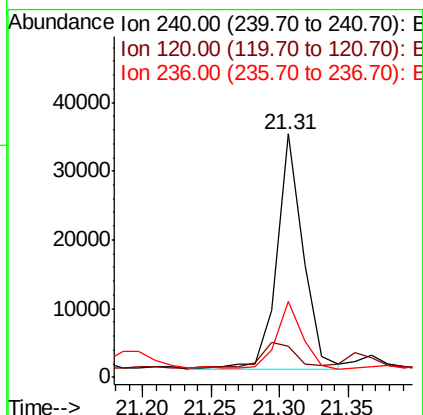
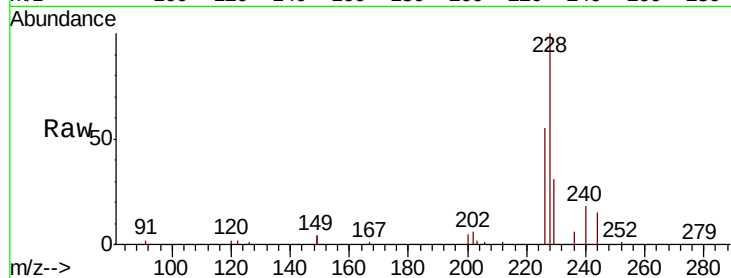




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

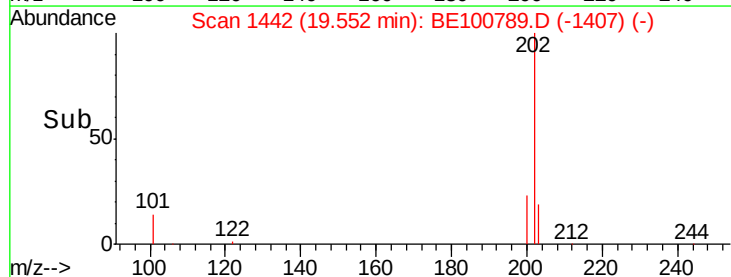
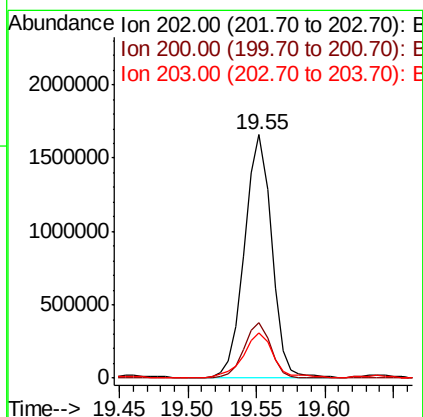
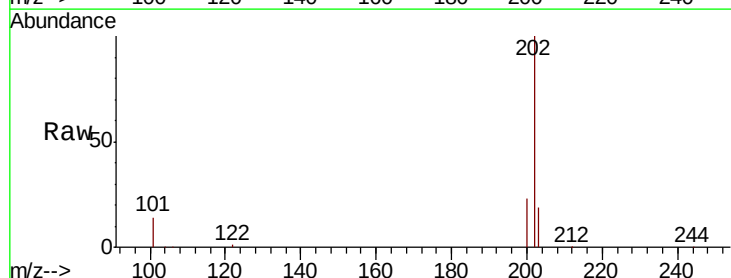
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519

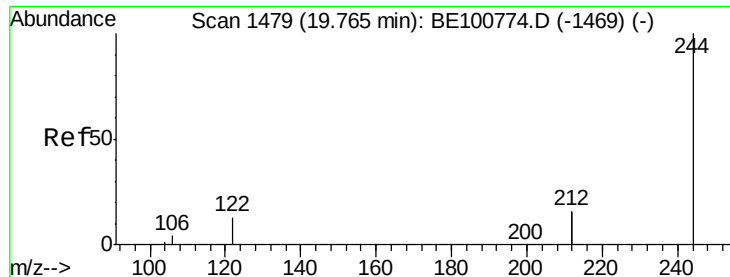
Tot Ion:240 Resp: 45026
Ion Ratio Lower Upper
240 100
120 12.7 10.2 15.2
236 31.0 22.3 33.5



#28
Pyrene
Concen: 15.476 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:202 Resp: 2264126
Ion Ratio Lower Upper
202 100
200 22.4 17.0 25.4
203 20.7 13.9 20.9





#29

Terphenyl-d14

Concen: 0.243 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519

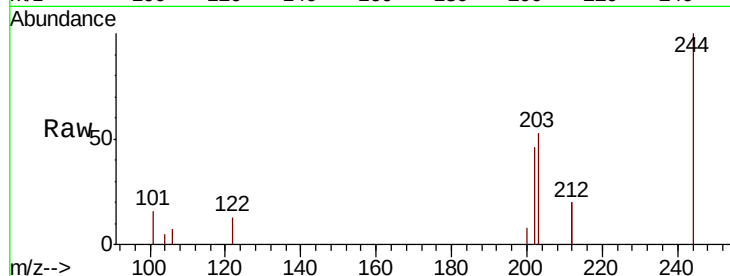
Tot Ion:244 Resp: 26206

Ion Ratio Lower Upper

244 100

212 39.3 26.2 39.4

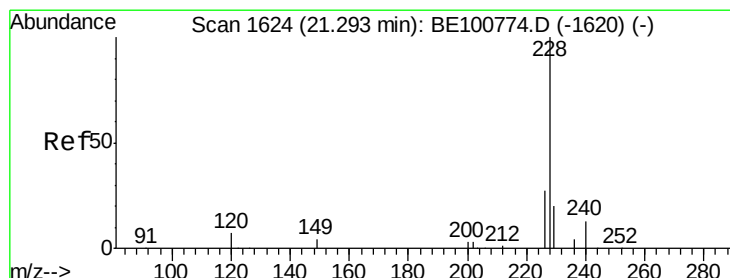
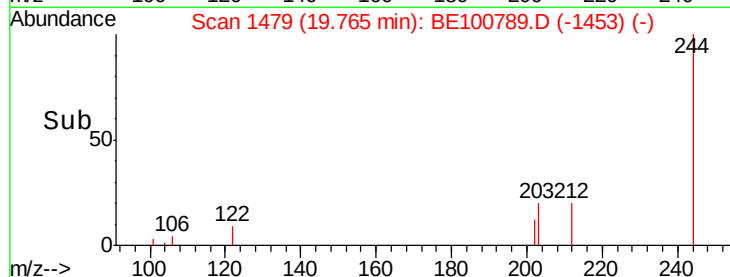
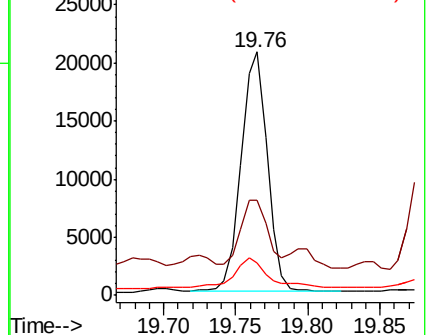
122 13.1 10.2 15.4



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: 8.840 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

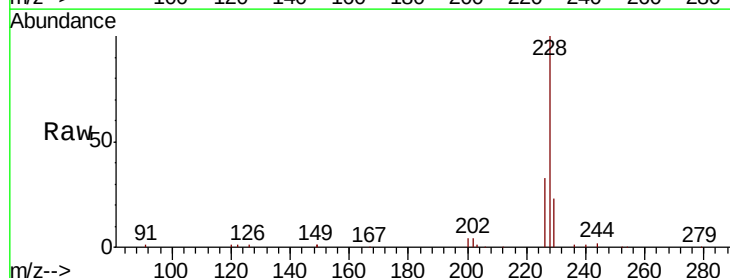
Tgt Ion:228 Resp: 1173181

Ion Ratio Lower Upper

228 100

226 32.9 21.5 32.3#

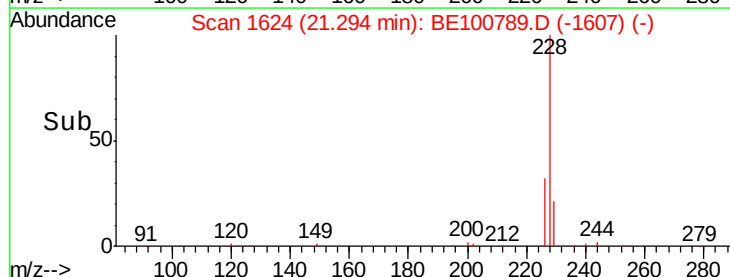
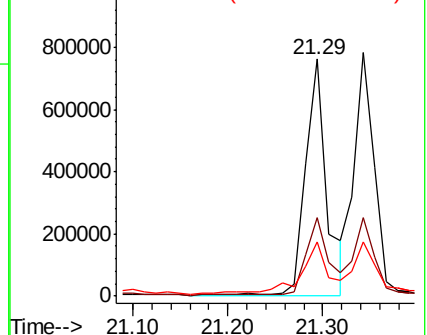
229 22.7 16.0 24.0

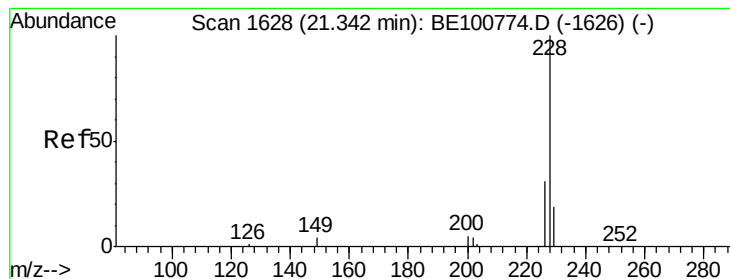


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 7.143 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519

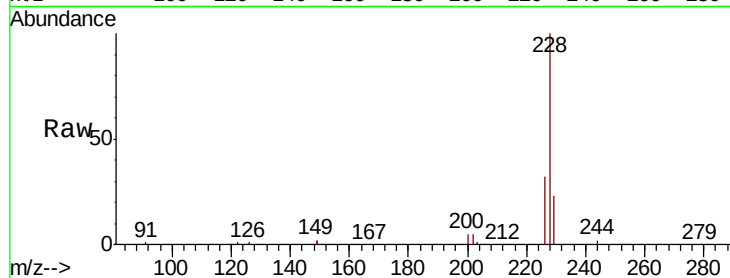
Tot Ion:228 Resp: 1113853

Ion Ratio Lower Upper

228 100

226 32.4 25.0 37.4

229 22.5 15.4 23.2

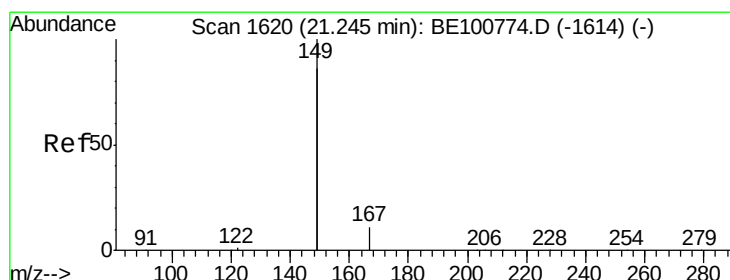
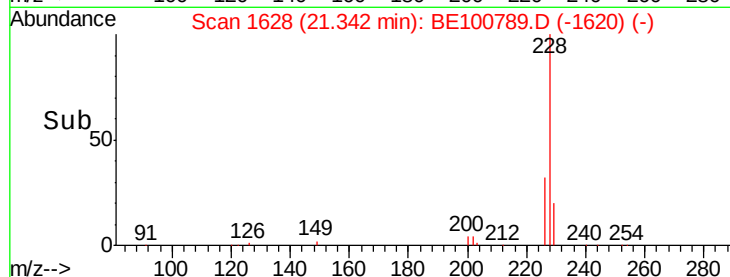
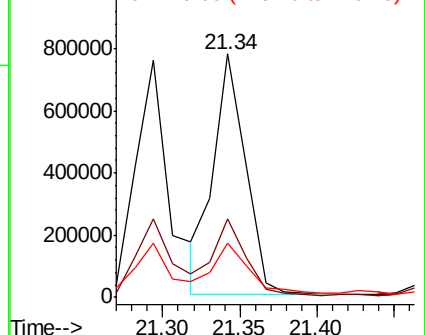


Abundance

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: 0.865 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

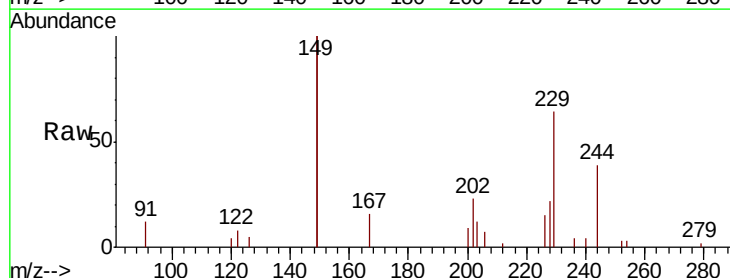
Tgt Ion:149 Resp: 85434

Ion Ratio Lower Upper

149 100

167 6.5 5.0 7.6

279 1.0 0.7 1.1

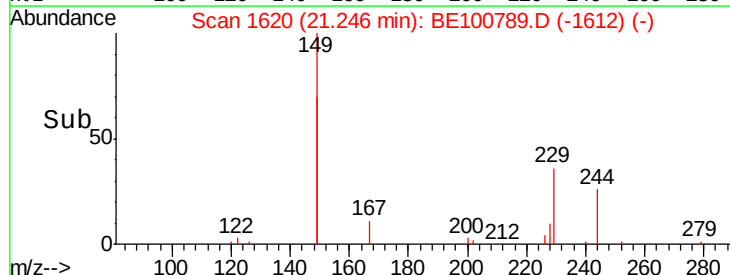
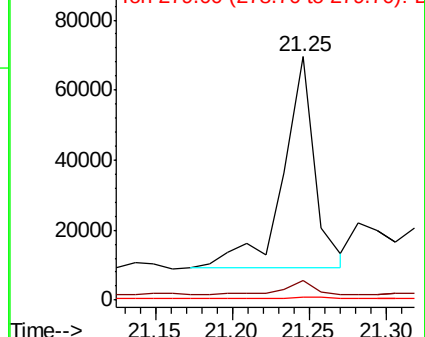


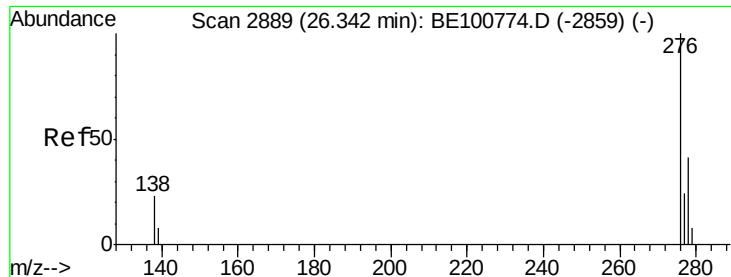
Abundance

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

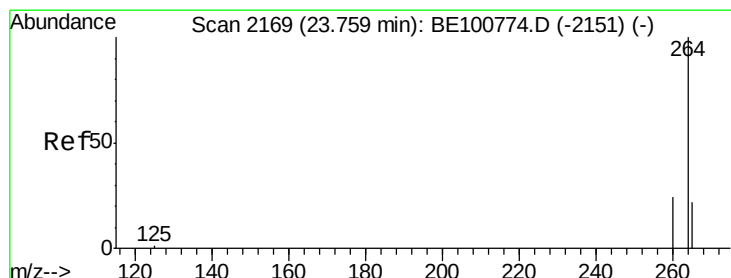
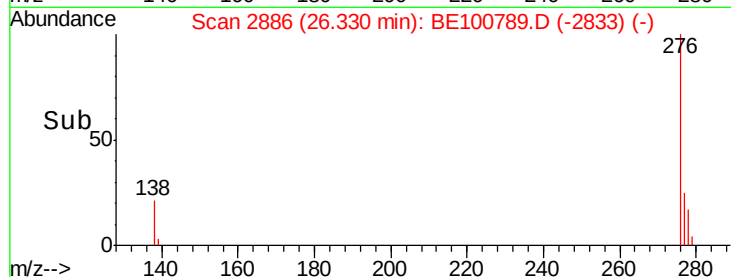
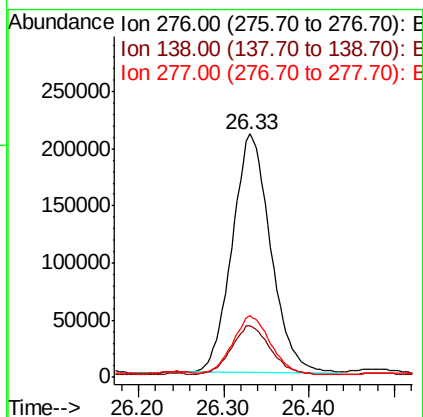
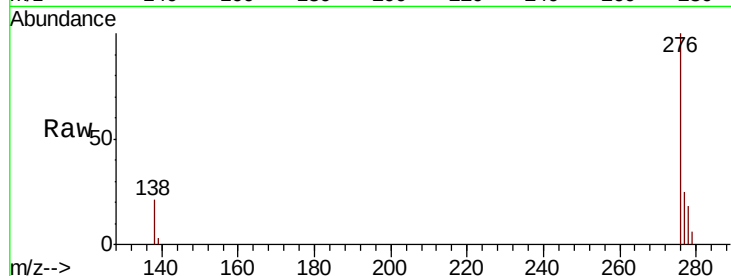




#33
Indeno(1,2,3-cd)pyrene
Concen: 4.808 ng
RT: 26.33 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

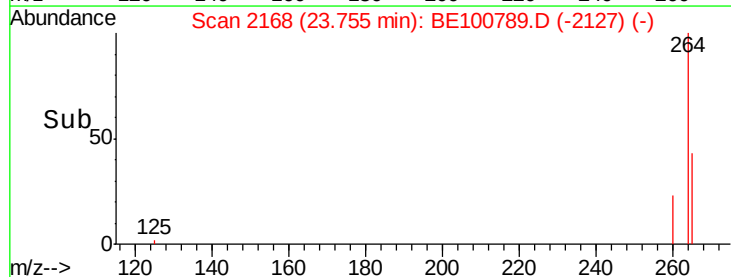
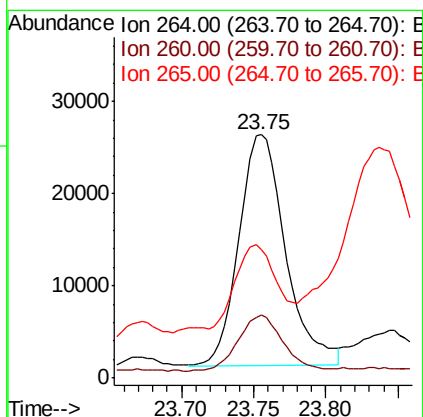
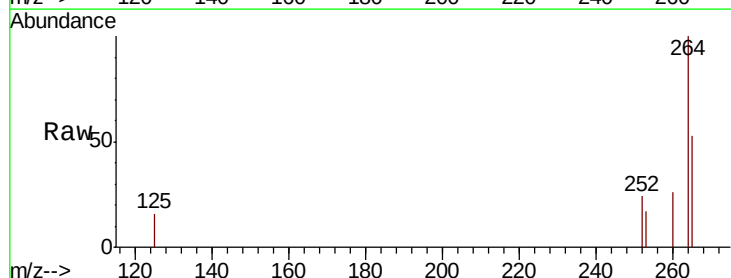
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW178-112519

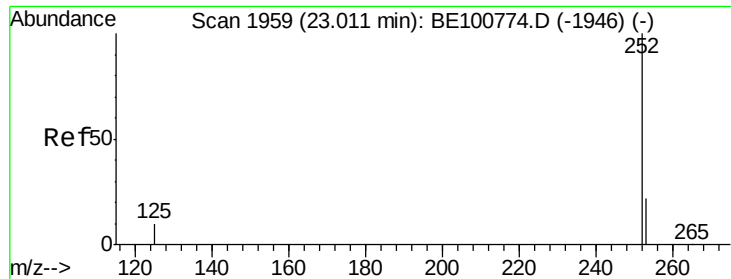
Tot Ion:276 Resp: 653123
Ion Ratio Lower Upper
276 100
138 21.0 19.4 29.0
277 24.8 19.8 29.6



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:264 Resp: 55332
Ion Ratio Lower Upper
264 100
260 25.8 19.4 29.2
265 52.6 21.8 32.8#





#35

Benzo(b)fluoranthene

Concen: 8.185 ng

RT: 23.01 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519

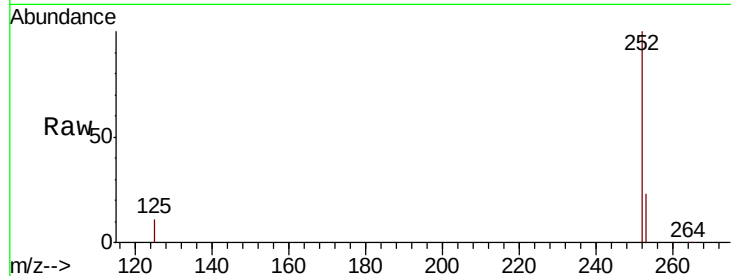
Tot Ion:252 Resp: 1239954

Ion Ratio Lower Upper

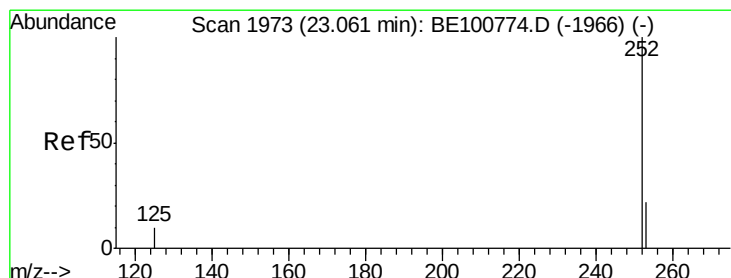
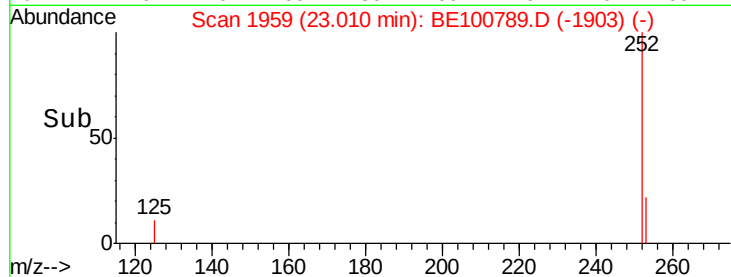
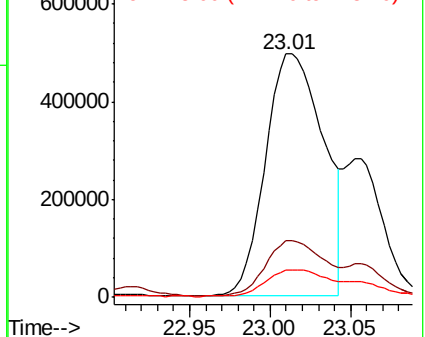
252 100

253 23.1 17.8 26.8

125 11.2 9.0 13.4



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



#36

Benzo(k)fluoranthene

Concen: 7.299 ng

RT: 23.01 min Scan# 1959

Delta R.T. -0.05 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

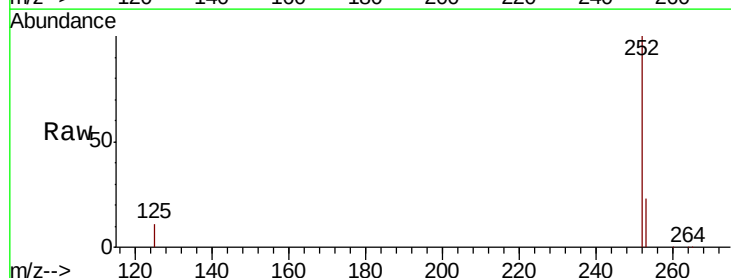
Tgt Ion:252 Resp: 1239954

Ion Ratio Lower Upper

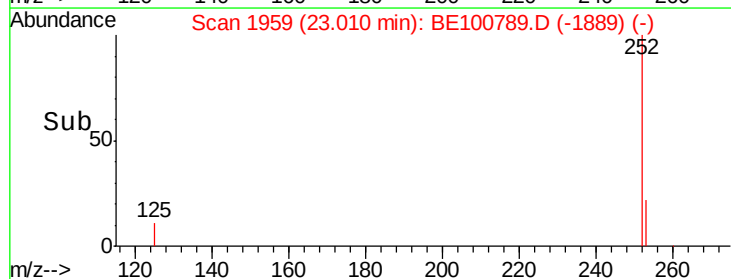
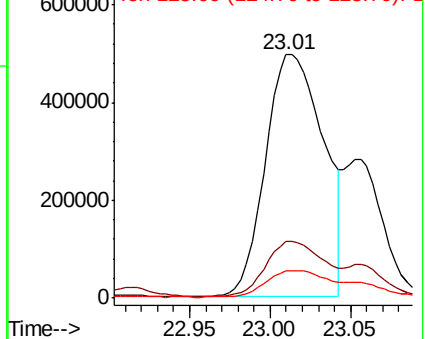
252 100

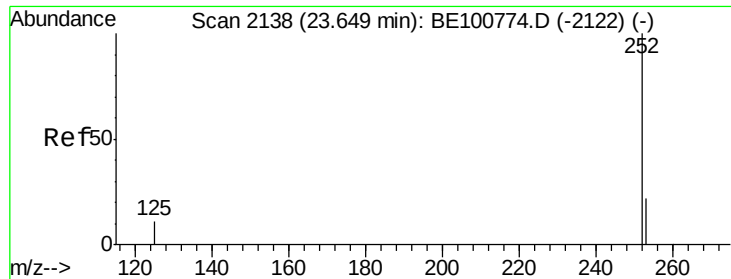
253 23.1 17.8 26.8

125 11.2 8.7 13.1



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





#37

Benzo(a)pyrene

Concen: 7.743 ng

RT: 23.64 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519

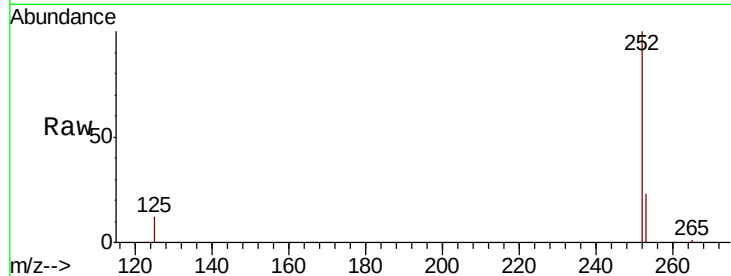
Tot Ion:252 Resp: 1015480

Ion Ratio Lower Upper

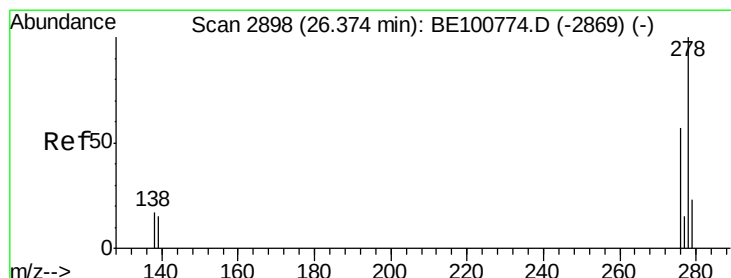
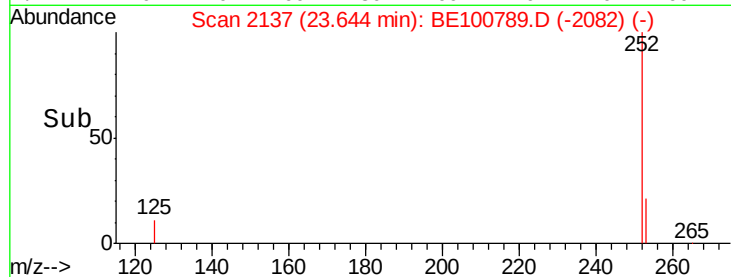
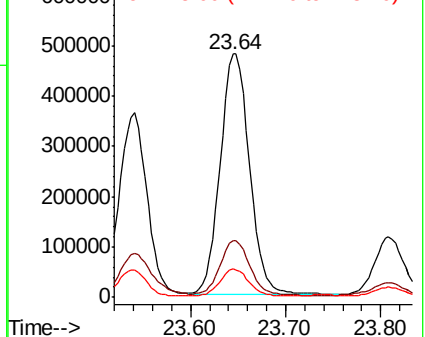
252 100

253 23.2 18.2 27.4

125 11.6 10.4 15.6



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: 1.232 ng

RT: 26.35 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

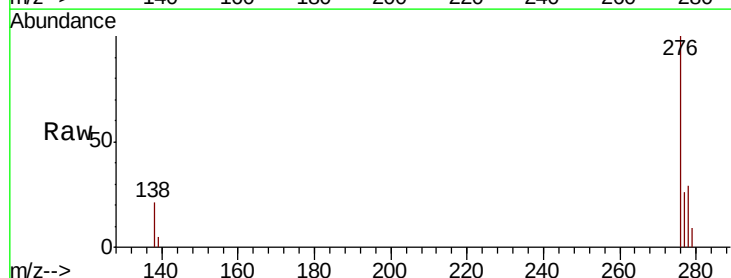
Tgt Ion:278 Resp: 160770

Ion Ratio Lower Upper

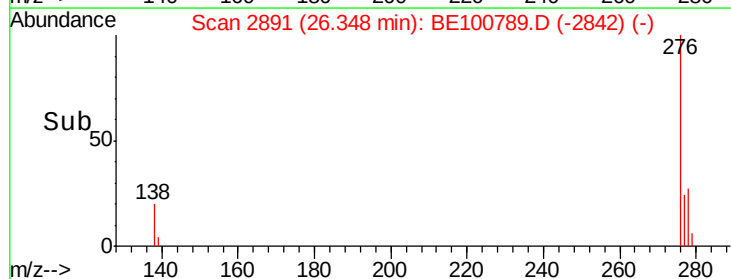
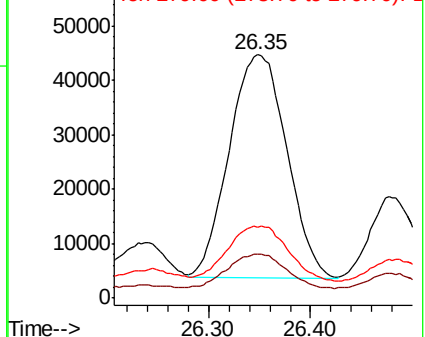
278 100

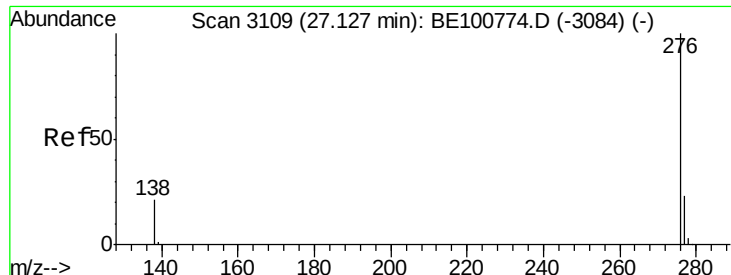
139 18.1 13.0 19.4

279 29.3 19.6 29.4



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: 5.245 ng

RT: 27.12 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BE100789.D

Acq: 5 Dec 2019 15:10

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW178-112519

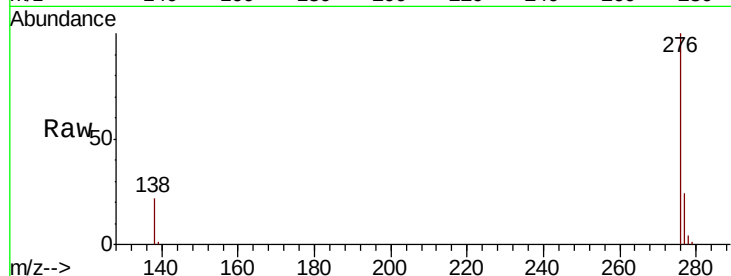
Tot Ion: 276 Resp: 731803

Ion Ratio Lower Upper

276 100

277 24.4 19.3 28.9

138 21.9 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

