

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
 Data File : BE100642.D
 Acq On : 15 Oct 2019 9:51
 Operator : JU
 Sample : K4994-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 15 11:52:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 14:01:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	5964	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	27584	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	23279	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	54603	0.40	ng	0.00
27) Chrysene-d12	21.38	240	75493	0.40	ng	0.01
34) Perylene-d12	23.86	264	84216	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	4046	0.22	ng	0.00
5) Phenol-d6	7.01	99	6102	0.23	ng	0.00
8) Nitrobenzene-d5	8.99	82	4123	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10458	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1460	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	14335	0.17	ng	0.00
25) Fluoranthene-d10	19.23	212	148013	0.21	ng	0.00
29) Terphenyl-d14	19.83	244	39122	0.24	ng	0.00

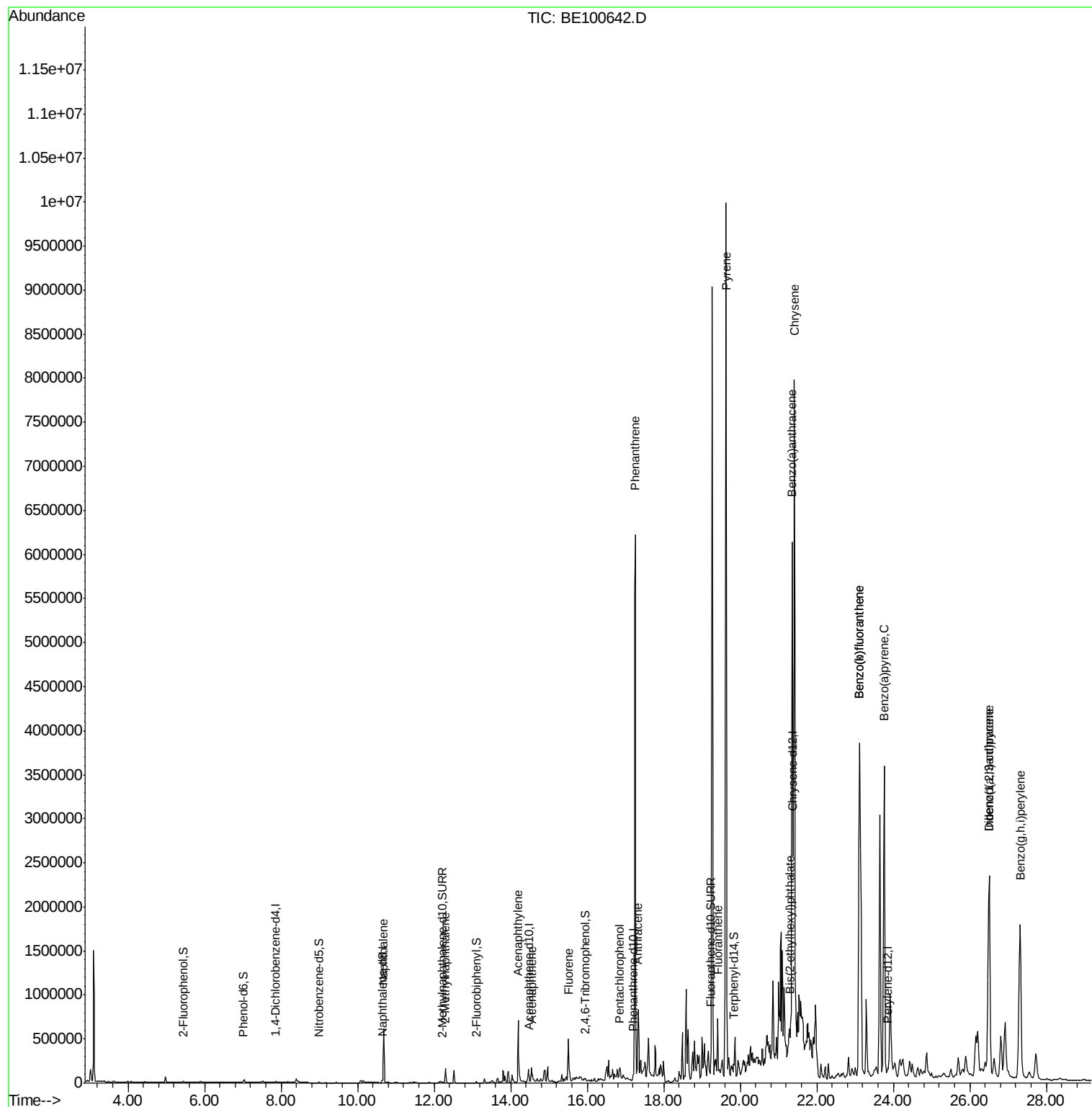
Target Compounds					Qvalue	
9) Naphthalene	10.68	128	1049377	3.618	ng	99
12) 2-Methylnaphthalene	12.30	142	128258	2.594	ng	93
16) Acenaphthylene	14.20	152	894038	8.925	ng	99
17) Acenaphthene	14.54	154	87391	1.350	ng	96
18) Fluorene	15.51	166	463691	5.393	ng	# 94
22) Pentachlorophenol	16.85	266	390	0.046	ng	89
23) Phenanthrene	17.25	178	7238676	48.197	ng	# 90
24) Anthracene	17.33	178	804079	5.770	ng	96
26) Fluoranthene	19.41	202	553064	2.821	ng	98
28) Pvrene	19.63	202	10157498	48.159	ng	# 74
30) Benzo(a)anthracene	21.35	228	6301110	25.587	ng	# 82
31) Chrysene	21.41	228	7783131	31.625	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.31	149	114287	0.222	ng	# 69
33) Indeno(1,2,3-cd)pyrene	26.50	276	4379229	14.478	ng	96
35) Benzo(b)fluoranthene	23.11	252	8078803	32.899	ng	94
36) Benzo(k)fluoranthene	23.11	252	8078803	31.988	ng	94
37) Benzo(a)pvrene	23.76	252	6168110	26.984	ng	96
38) Dibenzo(a,h)anthracene	26.51	278	1268895	5.371	ng	93
39) Benzo(g,h,i)perylene	27.31	276	4676711	19.682	ng	98

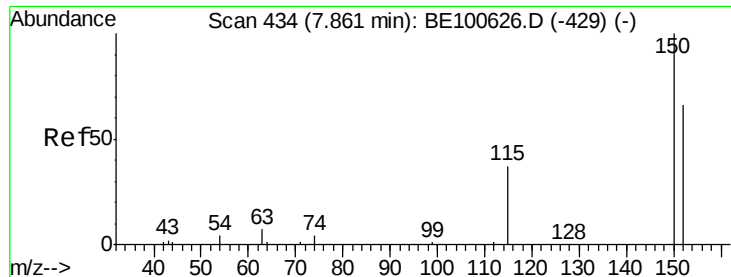
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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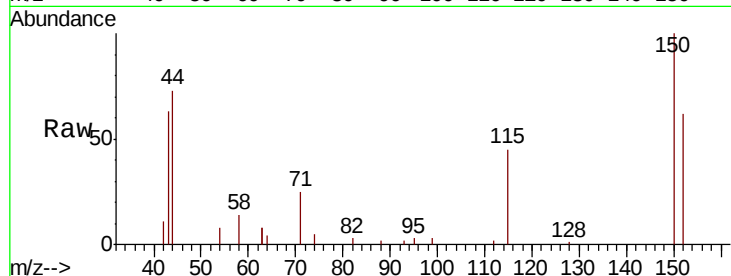


#1

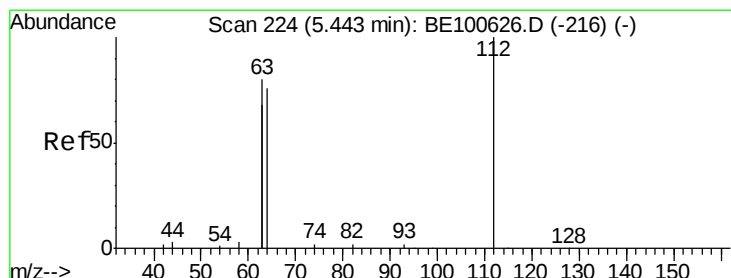
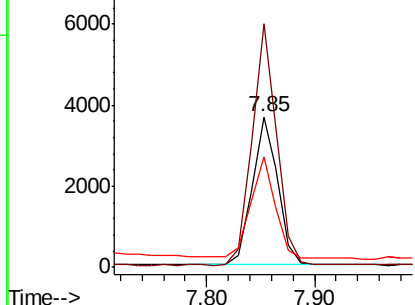
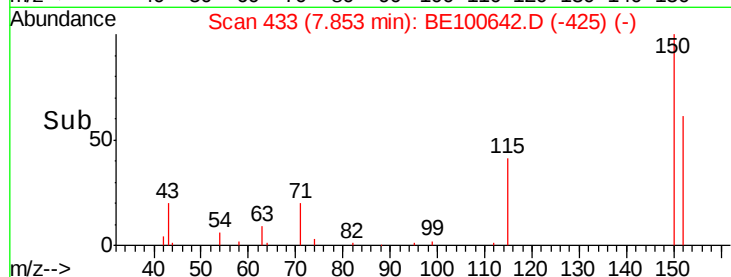
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE100642.D
Acq: 15 Oct 2019 9:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5964
Ion Ratio Lower Upper
152 100
150 161.8 120.7 181.1
115 73.2 48.0 72.0#



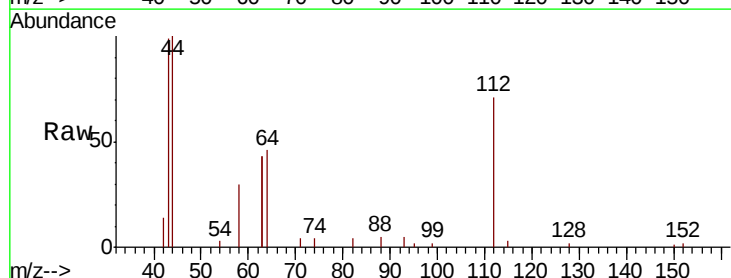
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



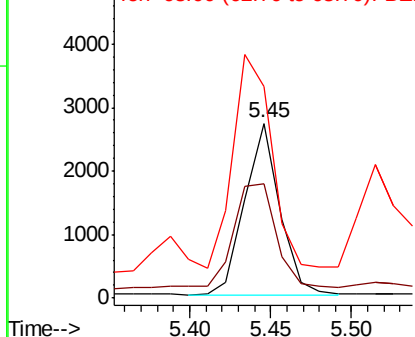
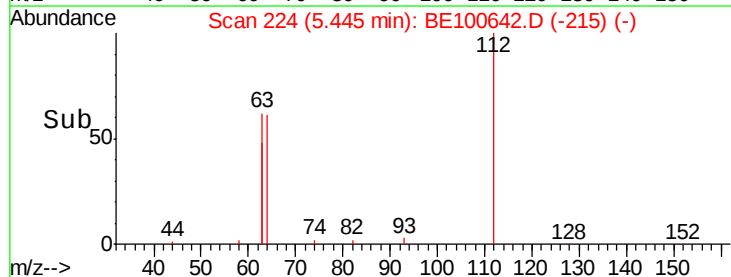
#4

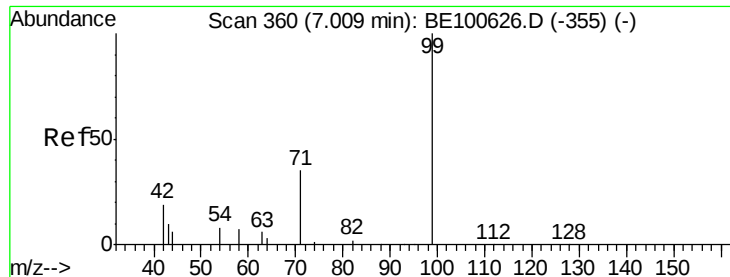
2-Fluorophenol
Concen: 0.220 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100642.D
Acq: 15 Oct 2019 9:51

Tgt Ion:112 Resp: 4046
Ion Ratio Lower Upper
112 100
64 74.4 58.9 88.3
63 136.0 118.3 177.5



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: 0.235 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

Instrument :

BNA_E

ClientSampleId :

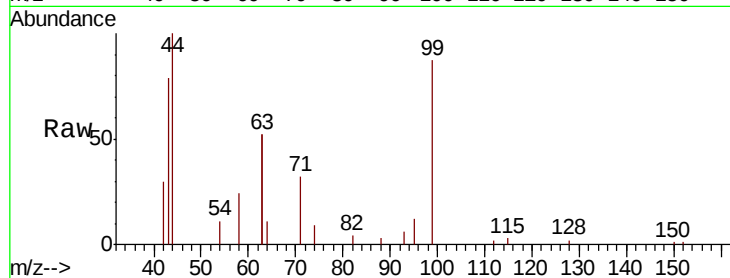
Tot Ion: 99 Resp: 6102

Ion Ratio Lower Upper

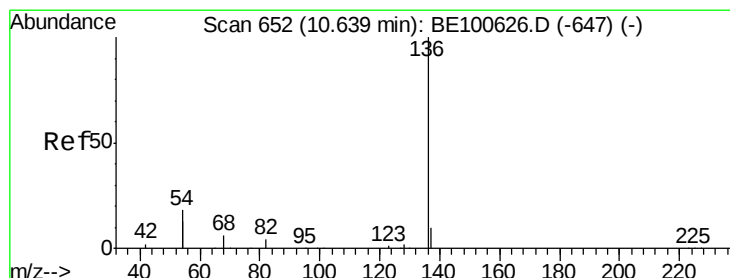
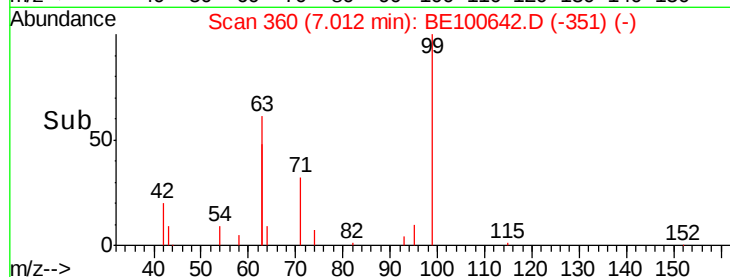
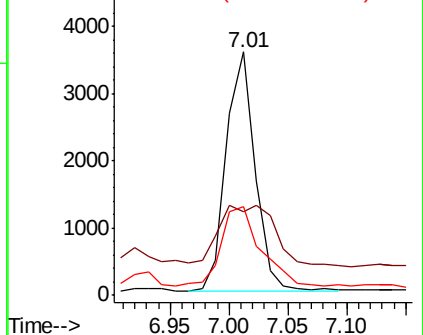
99 100

42 48.7 19.4 29.2#

71 45.1 26.9 40.3#



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: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

Tgt Ion: 136 Resp: 27584

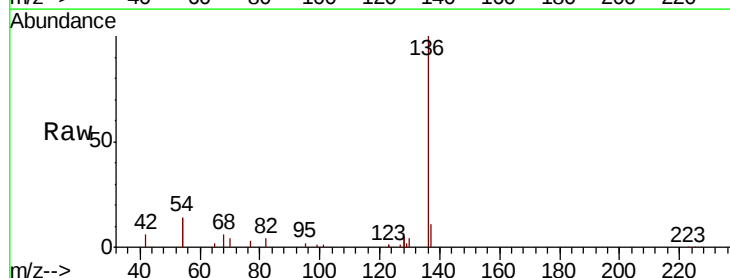
Ion Ratio Lower Upper

136 100

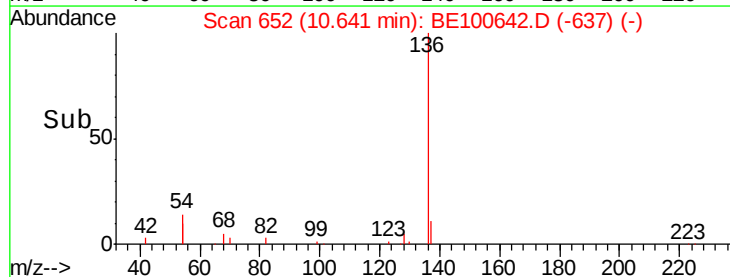
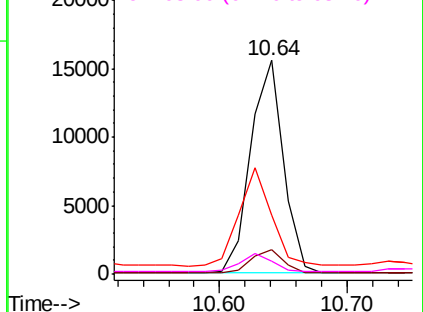
137 11.3 8.6 13.0

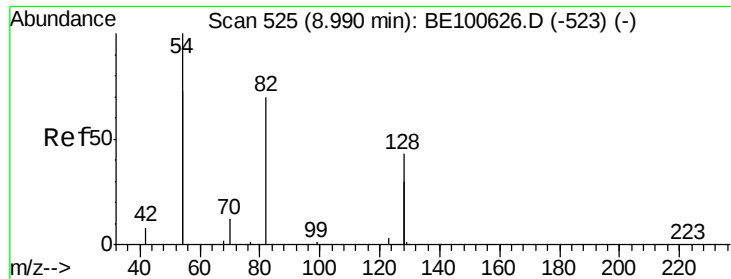
54 27.8 28.7 43.1#

68 6.2 5.9 8.9



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

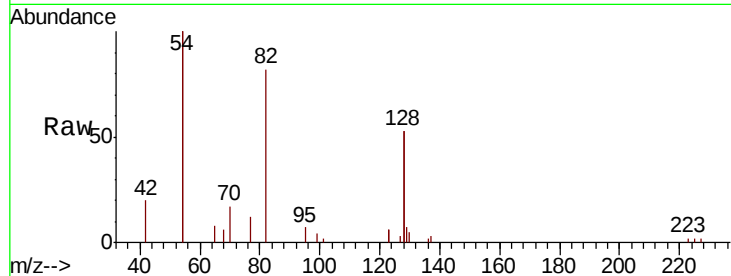




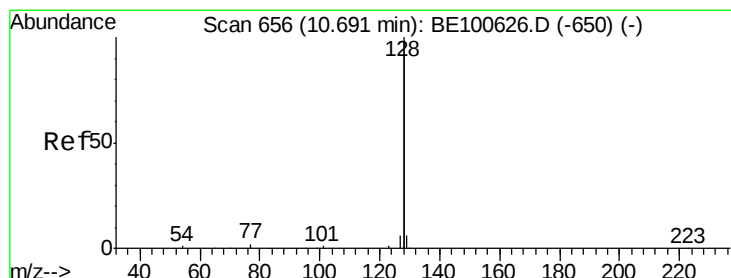
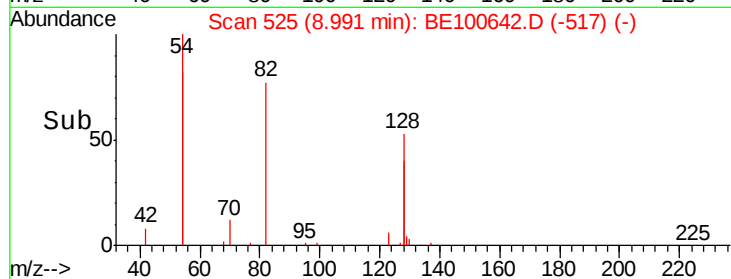
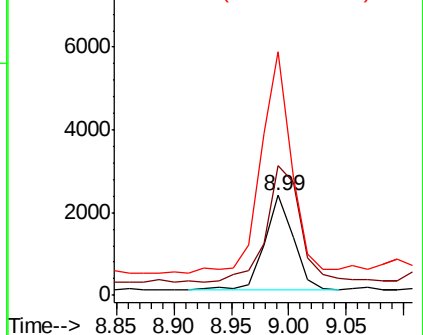
#8
 Nitrobenzene-d5
 Concen: 0.241 ng
 RT: 8.99 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BE100642.D
 Acq: 15 Oct 2019 9:51

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	129.6	90.7	136.1
54	244.1	210.9	316.3

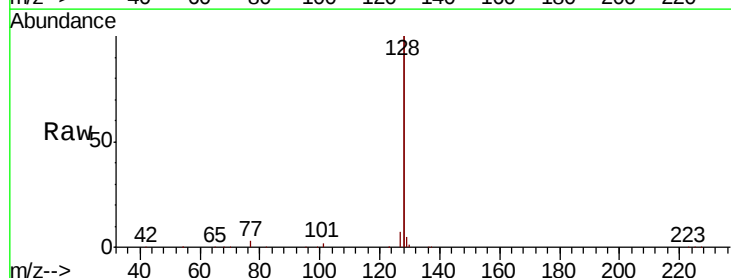


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

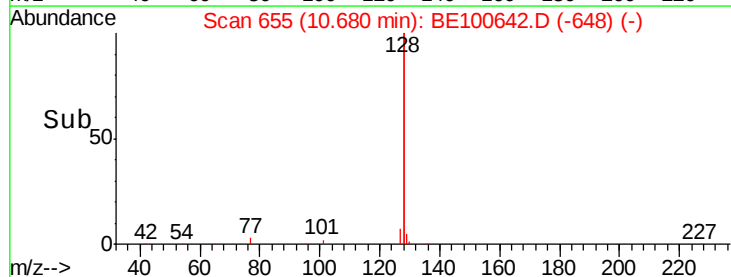
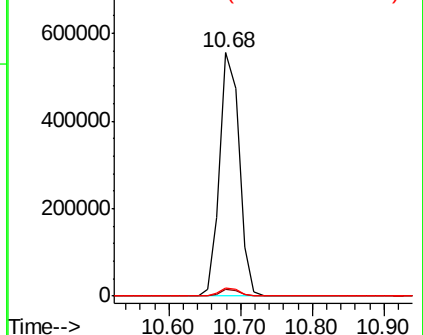


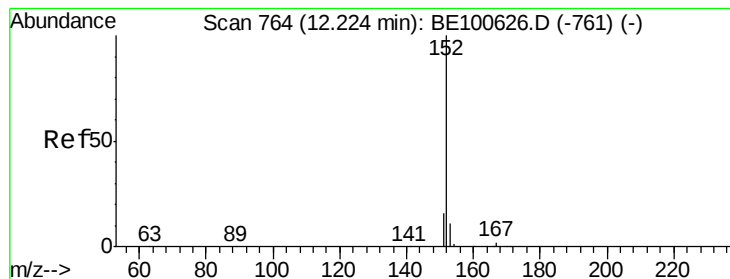
#9
 Naphthalene
 Concen: 3.618 ng
 RT: 10.68 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BE100642.D
 Acq: 15 Oct 2019 9:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.4	3.6
127	3.4	2.6	3.8



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

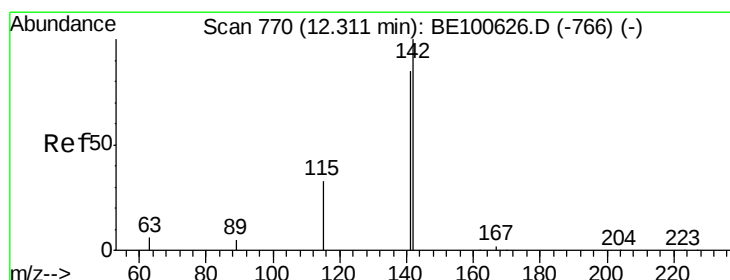
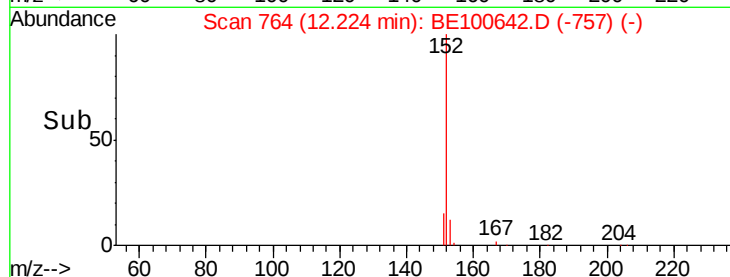
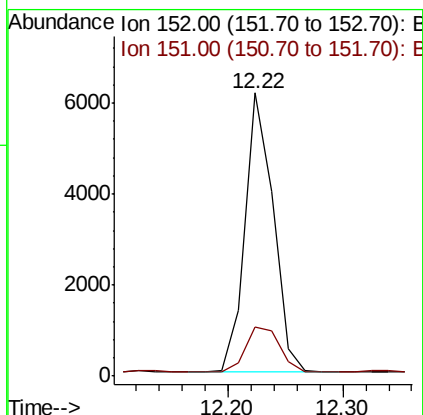
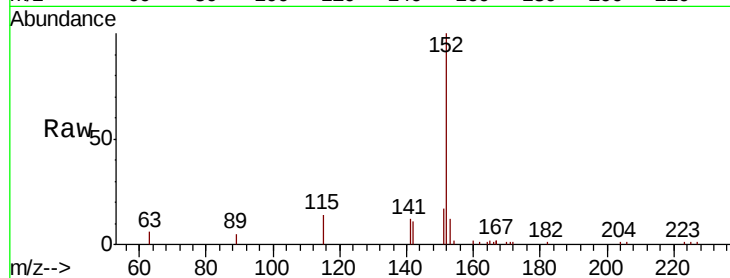




#11
 2-Methylnaphthalene-d10
 Concen: 0.240 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100642.D
 Acq: 15 Oct 2019 9:51

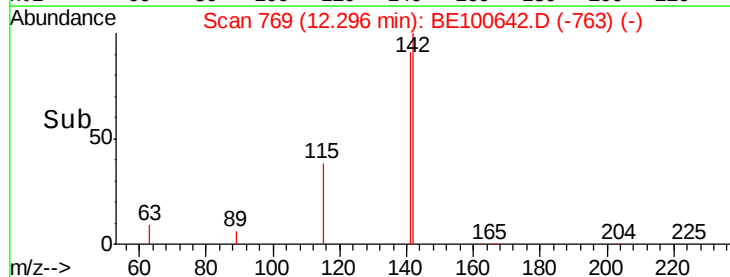
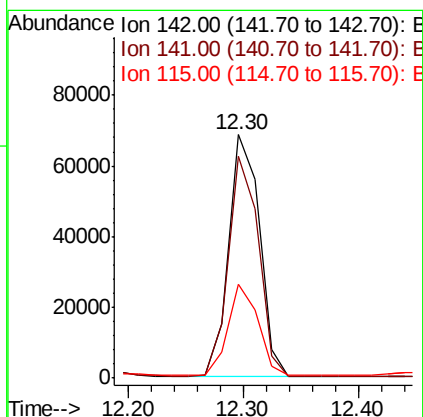
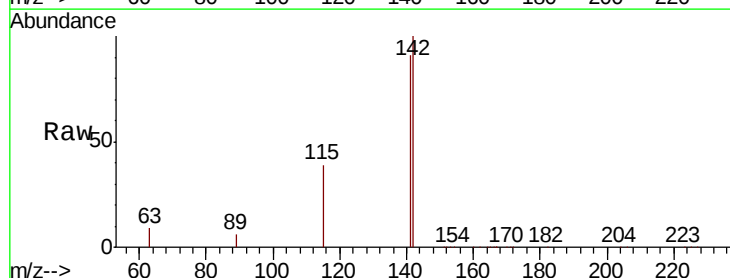
Instrument :
 BNA_E
 ClientSampleId :

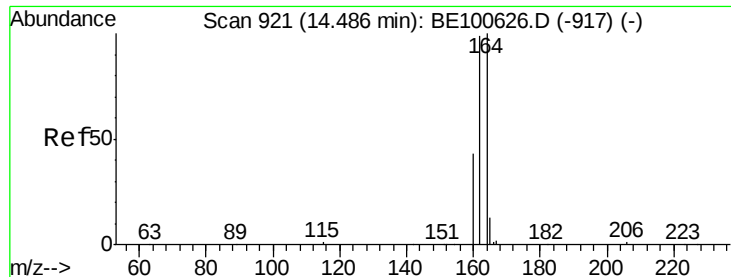
Tot Ion:152 Resp: 10458
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 2.594 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BE100642.D
 Acq: 15 Oct 2019 9:51

Tgt Ion:142 Resp: 128258
 Ion Ratio Lower Upper
 142 100
 141 91.3 68.3 102.5
 115 38.6 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

Instrument :

BNA_E

ClientSampleId :

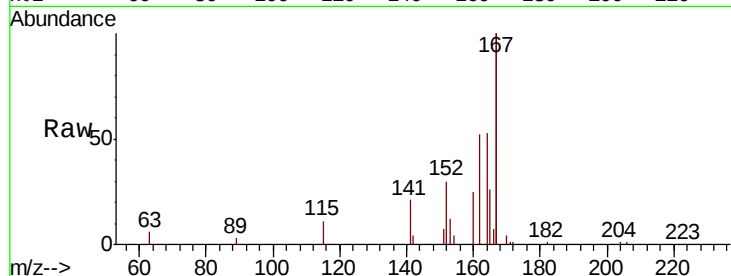
Tot Ion:164 Resp: 23279

Ion Ratio Lower Upper

164 100

162 98.4 79.1 118.7

160 47.7 34.7 52.1

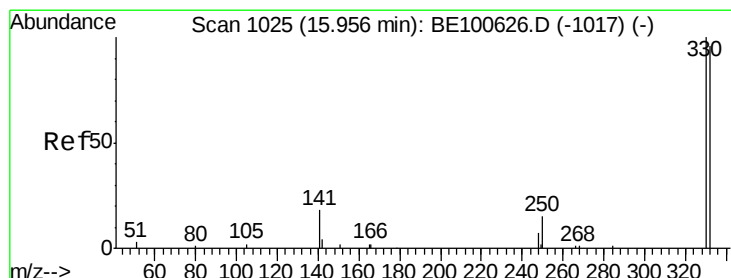
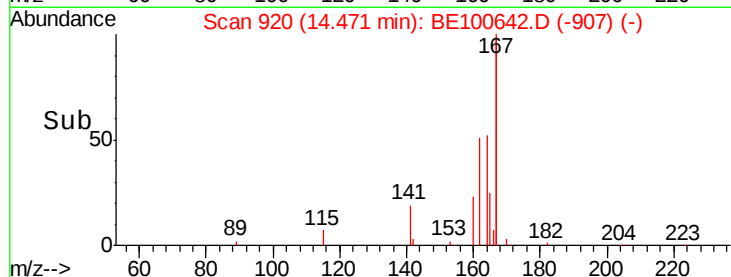
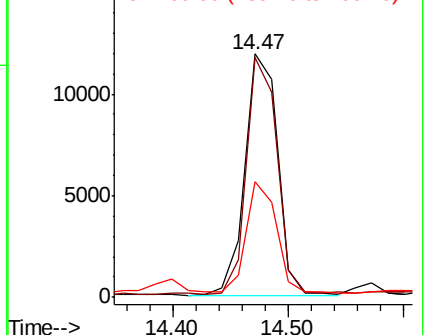


Abundance

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: 0.237 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

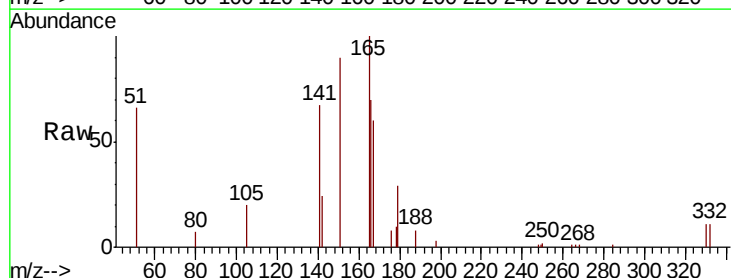
Tgt Ion:330 Resp: 1460

Ion Ratio Lower Upper

330 100

332 102.9 75.2 112.8

141 682.3 37.5 56.3#

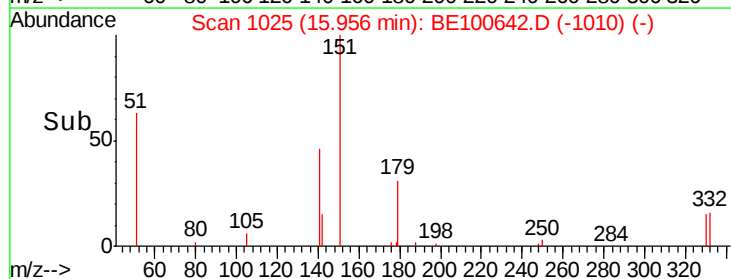
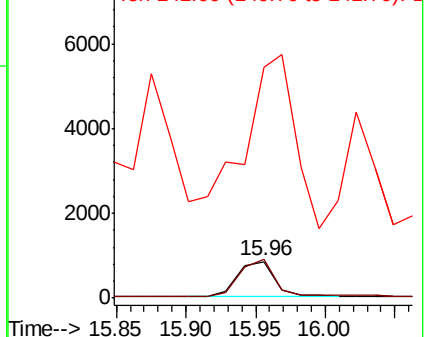


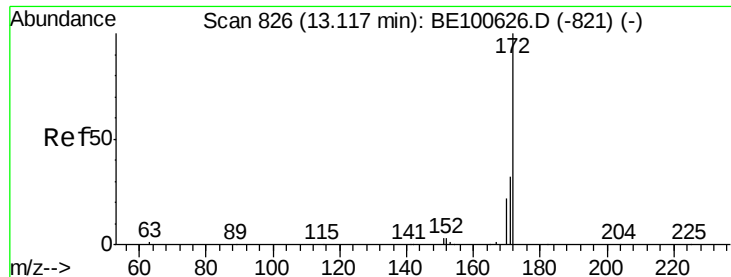
Abundance

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

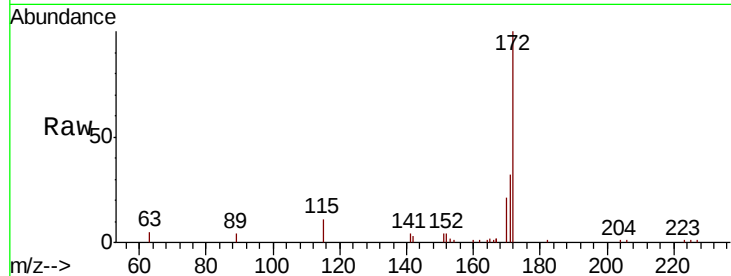




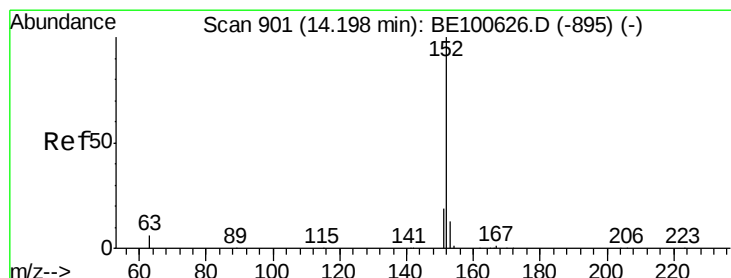
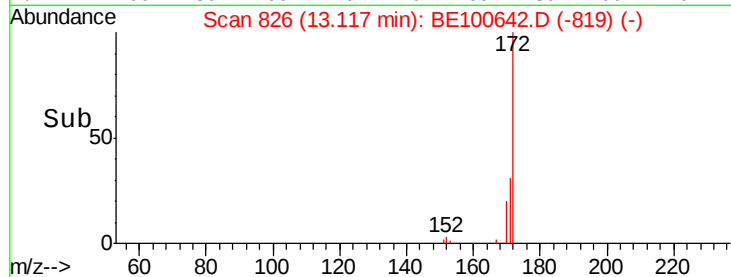
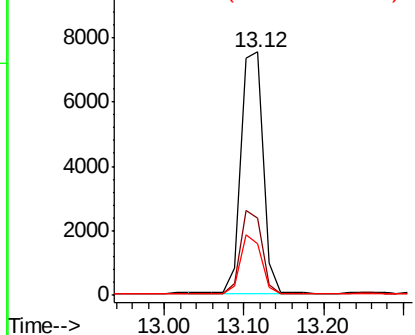
#15
2-Fluorobiphenyl
Concen: 0.169 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100642.D
Acq: 15 Oct 2019 9:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 14335
Ion Ratio Lower Upper
172 100
171 31.8 26.2 39.4
170 21.0 17.5 26.3

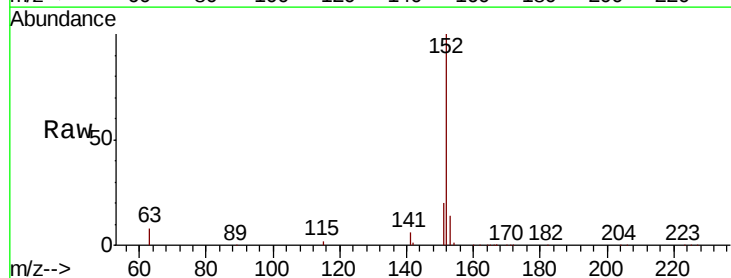


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

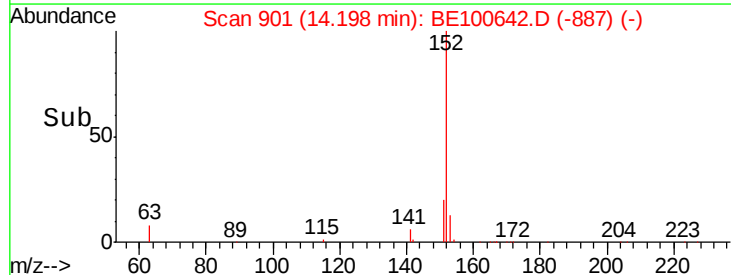
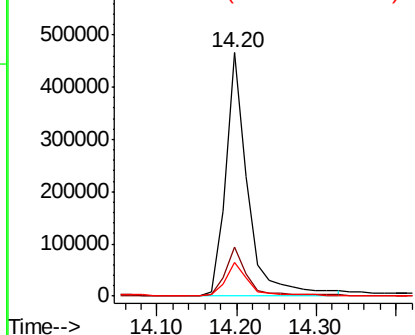


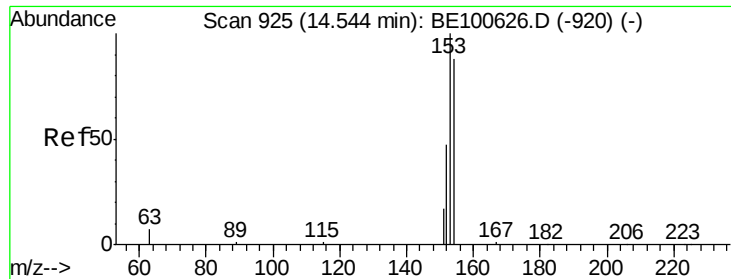
#16
Acenaphthylene
Concen: 8.925 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100642.D
Acq: 15 Oct 2019 9:51

Tgt Ion:152 Resp: 894038
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.6 10.5 15.7



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

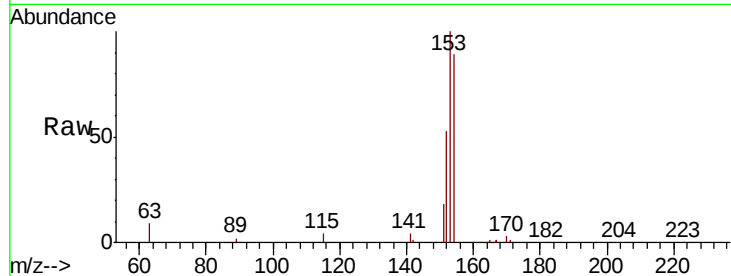




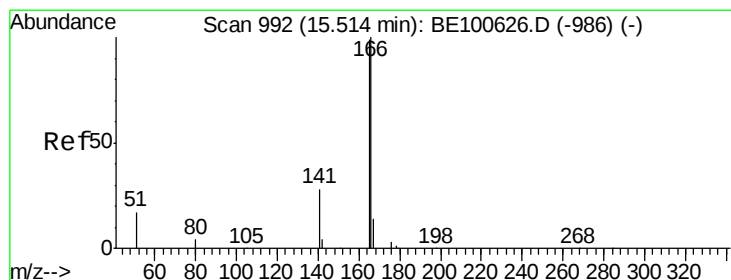
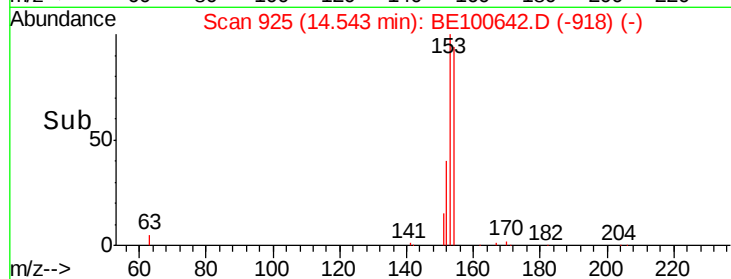
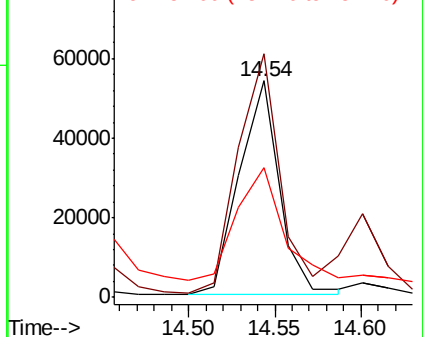
#17
Acenaphthene
Concen: 1.350 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100642.D
Acq: 15 Oct 2019 9:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 87391
Ion Ratio Lower Upper
154 100
153 116.9 91.4 137.2
152 60.7 44.0 66.0

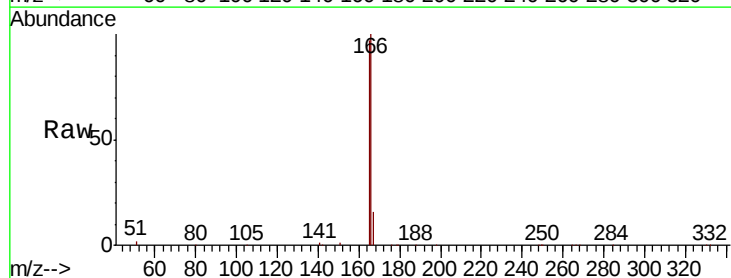


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

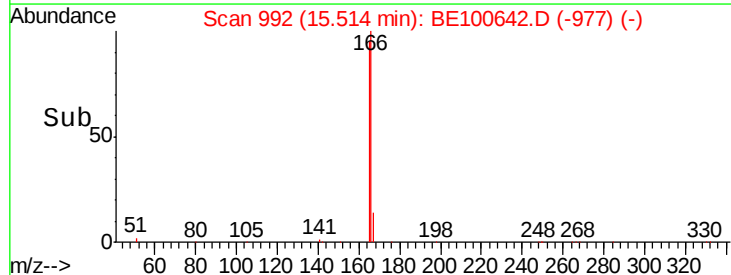
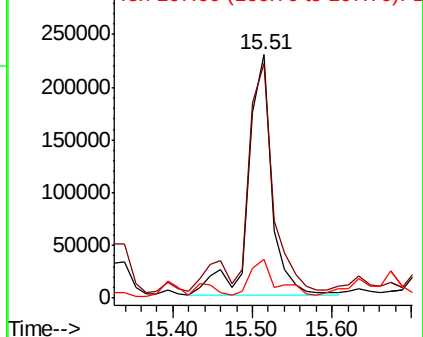


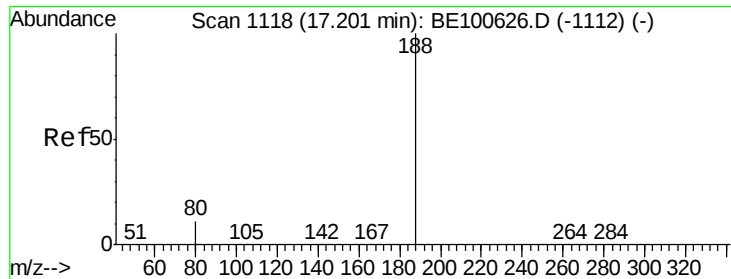
#18
Fluorene
Concen: 5.393 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100642.D
Acq: 15 Oct 2019 9:51

Tgt Ion:166 Resp: 463691
Ion Ratio Lower Upper
166 100
165 92.3 78.9 118.3
167 16.6 10.9 16.3#



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

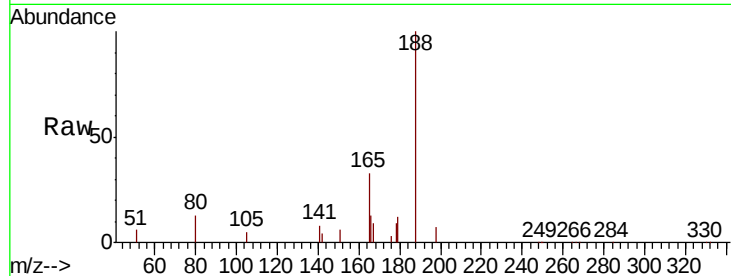




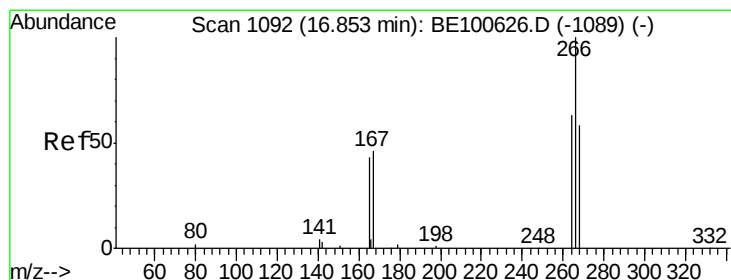
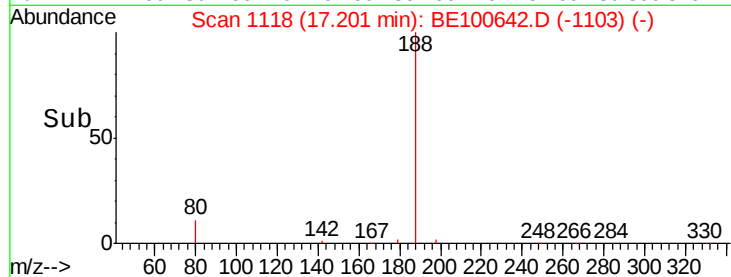
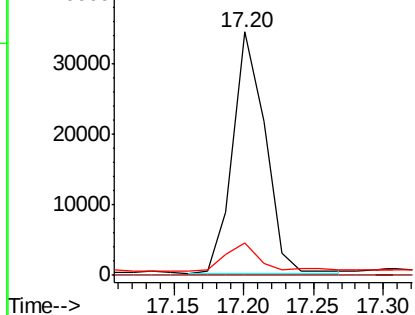
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100642.D
Acq: 15 Oct 2019 9:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 54603
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 9.4 14.2

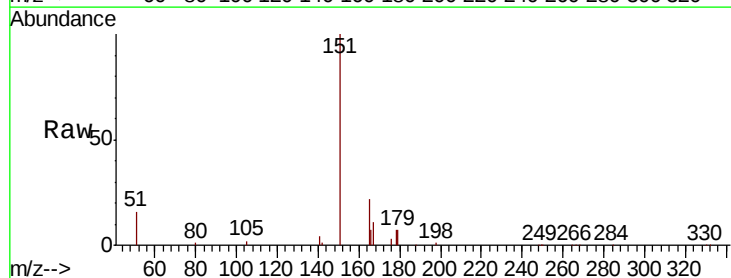


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

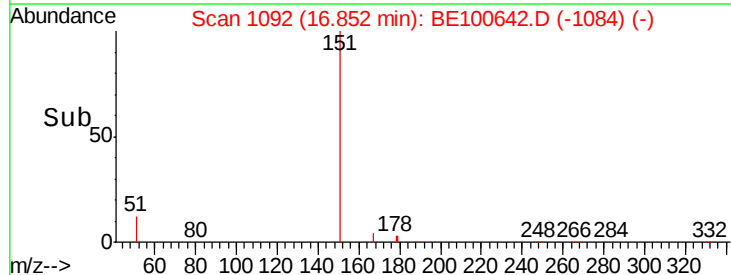
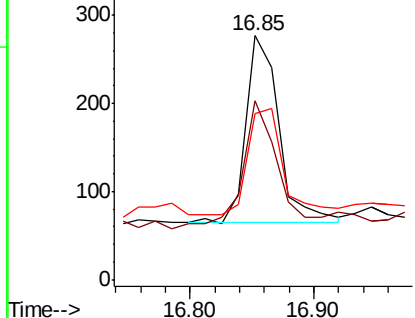


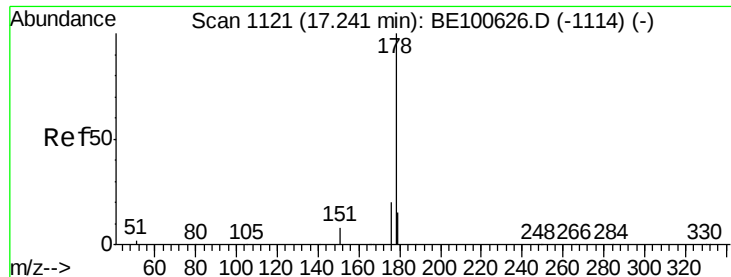
#22
Pentachlorophenol
Concen: 0.046 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100642.D
Acq: 15 Oct 2019 9:51

Tgt Ion:266 Resp: 390
Ion Ratio Lower Upper
266 100
264 73.3 50.7 76.1
268 67.9 48.5 72.7



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

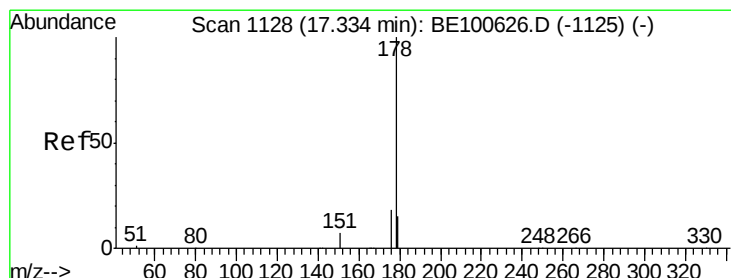
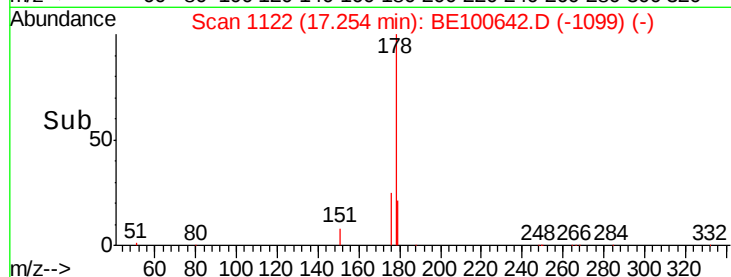
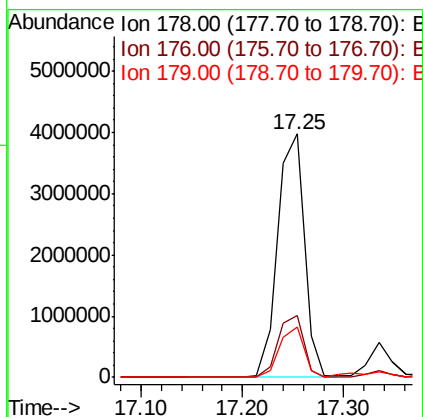
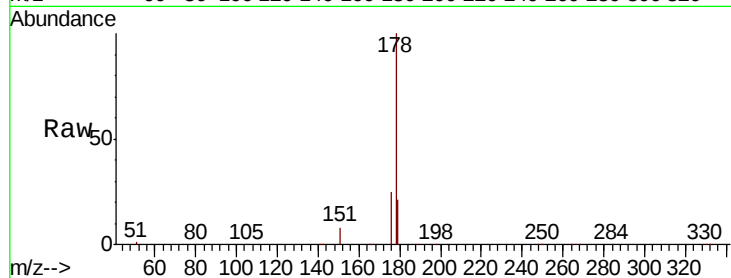




#23
Phenanthrene
Concen: 48.197 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE100642.D
Acq: 15 Oct 2019 9:51

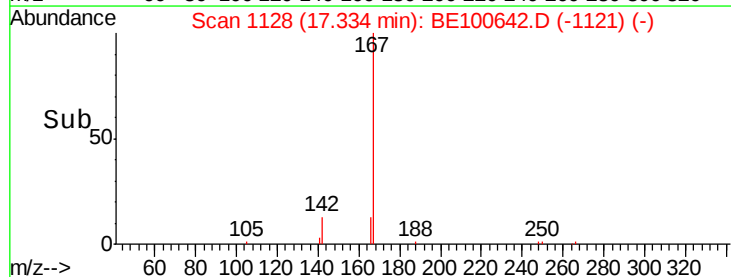
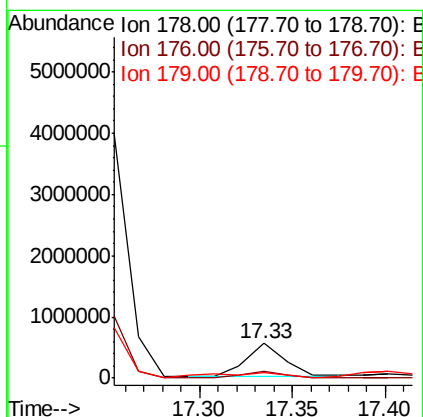
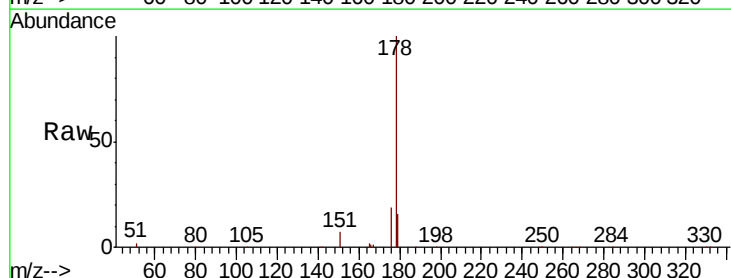
Instrument :
BNA_E
ClientSampled :

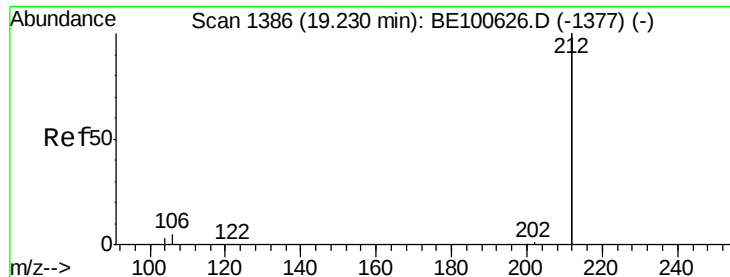
Tot Ion:178 Resp: 7238676
Ion Ratio Lower Upper
178 100
176 24.2 15.6 23.4#
179 19.7 12.4 18.6#



#24
Anthracene
Concen: 5.770 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100642.D
Acq: 15 Oct 2019 9:51

Tgt Ion:178 Resp: 804079
Ion Ratio Lower Upper
178 100
176 19.2 14.5 21.7
179 18.1 12.4 18.6

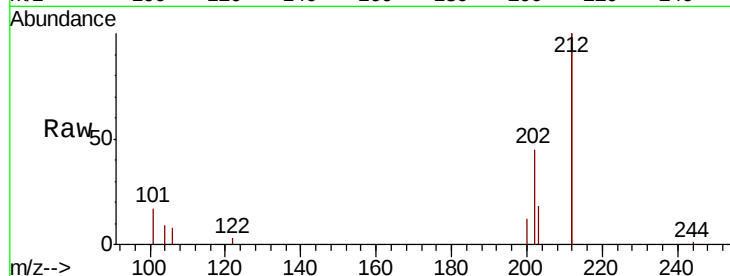




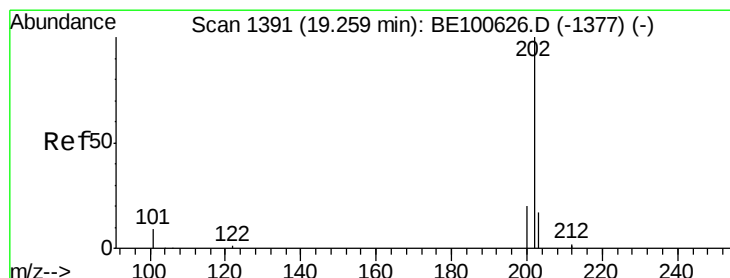
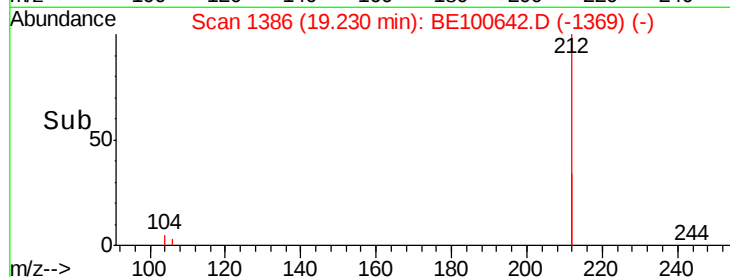
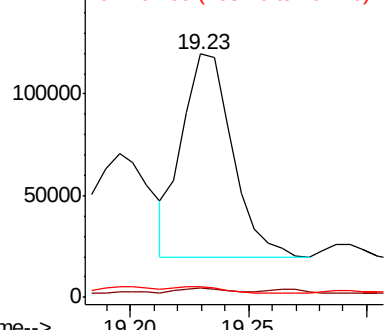
#25
 Fluoranthene-d10
 Concen: 0.210 ng
 RT: 19.23 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BE100642.D
 Acq: 15 Oct 2019 9:51

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 148013
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.2 3.4
 104 3.3 1.3 1.9#

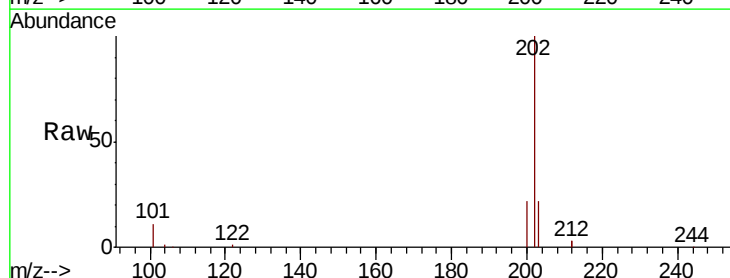


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

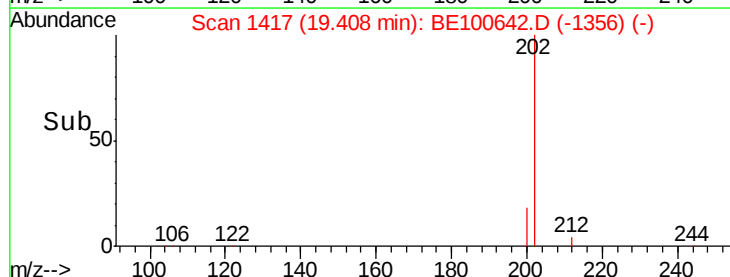
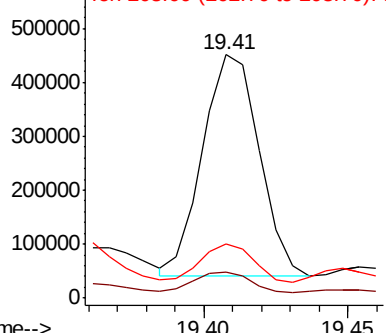


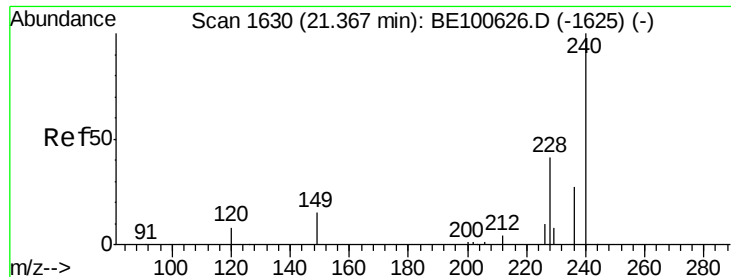
#26
 Fluoranthene
 Concen: 2.821 ng
 RT: 19.41 min Scan# 1417
 Delta R.T. 0.15 min
 Lab File: BE100642.D
 Acq: 15 Oct 2019 9:51

Tgt Ion:202 Resp: 553064
 Ion Ratio Lower Upper
 202 100
 101 9.2 8.4 12.6
 203 17.0 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

Instrument :

BNA_E

ClientSampleId :

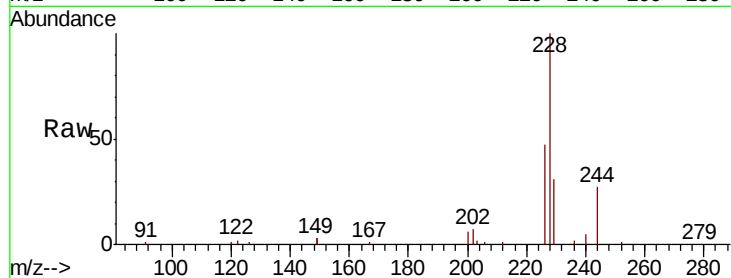
Tot Ion:240 Resp: 75493

Ion Ratio Lower Upper

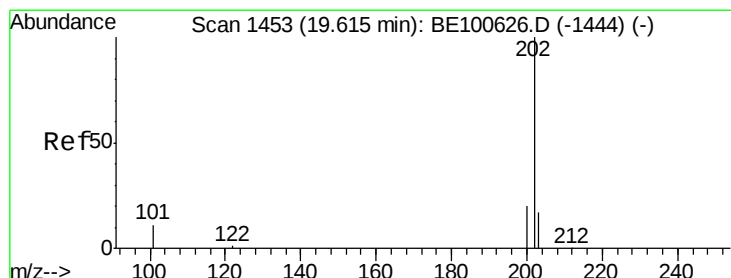
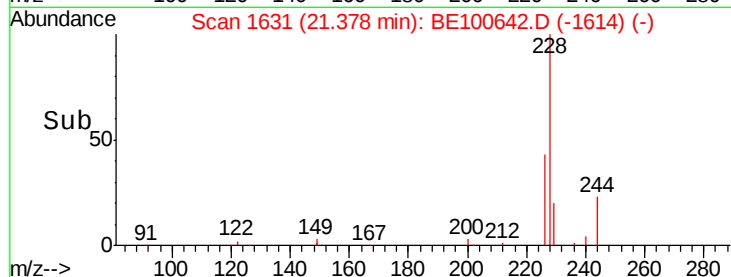
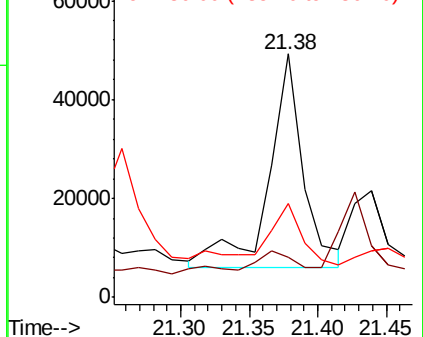
240 100

120 16.2 7.4 11.0#

236 38.7 21.7 32.5#



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 48.159 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.02 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

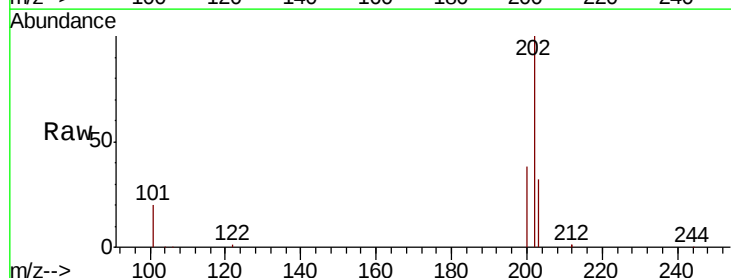
Tgt Ion:202 Resp:10157498

Ion Ratio Lower Upper

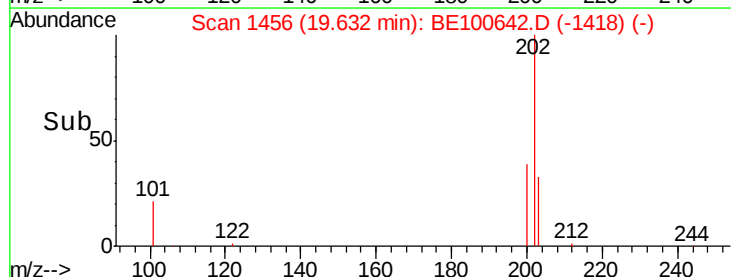
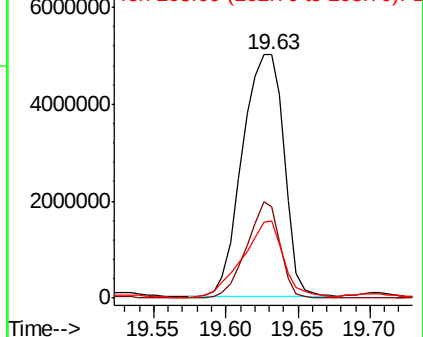
202 100

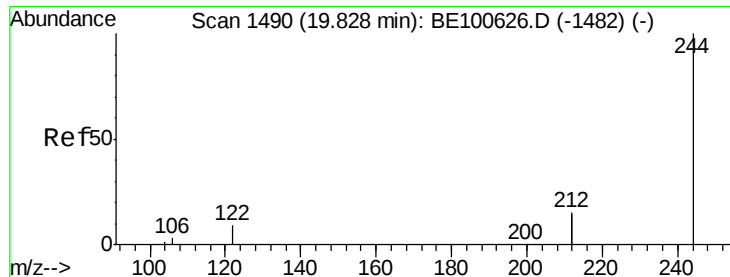
200 31.4 16.6 24.8#

203 30.6 13.9 20.9#



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





#29

Terphenyl-d14

Concen: 0.237 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

Instrument :

BNA_E

ClientSampled :

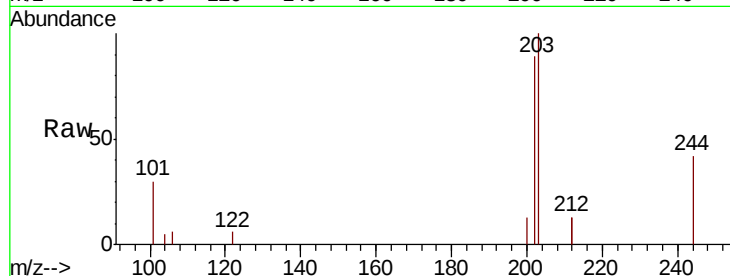
Tot Ion:244 Resp: 39122

Ion Ratio Lower Upper

244 100

212 63.2 23.9 35.9#

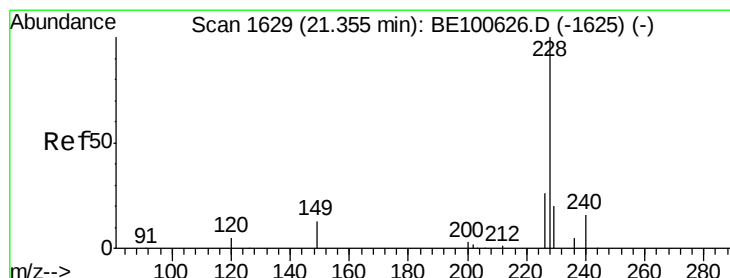
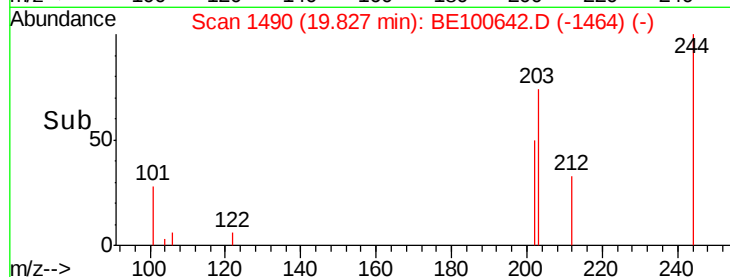
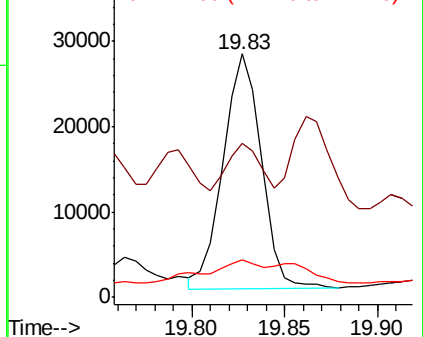
122 15.2 7.7 11.5#



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: 25.587 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

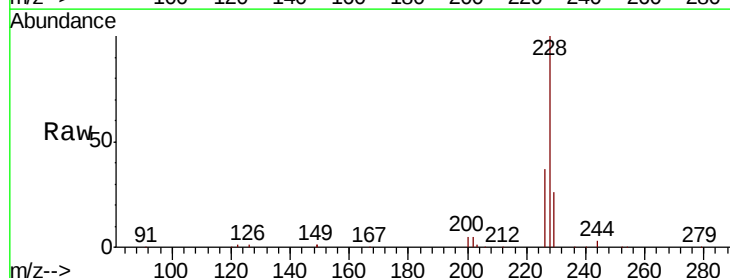
Tgt Ion:228 Resp: 6301110

Ion Ratio Lower Upper

228 100

226 36.9 21.0 31.6#

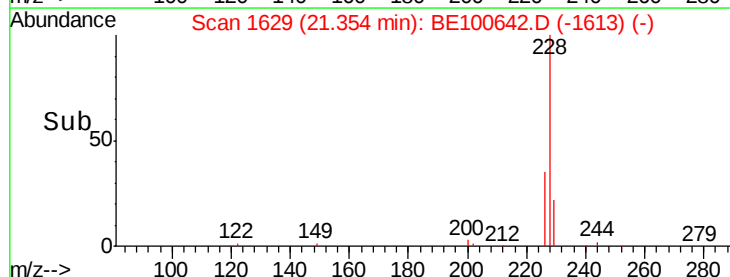
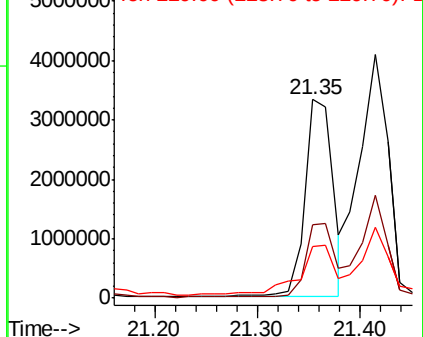
229 25.9 15.8 23.8#

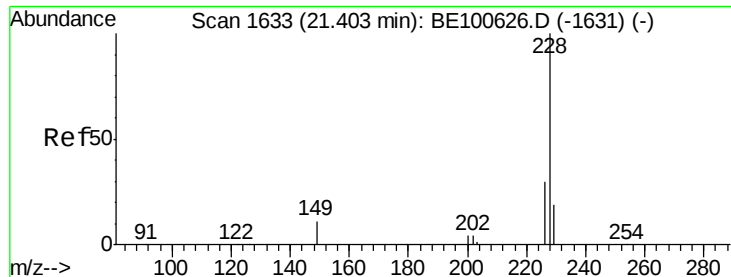


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 31.625 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

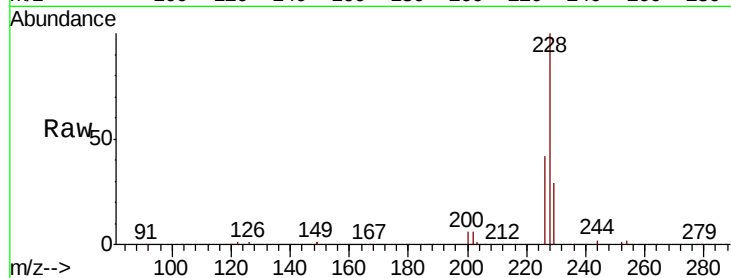
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 7783131

Ion	Ratio	Lower	Upper
228	100		
226	42.0	24.5	36.7#
229	28.9	15.6	23.4#

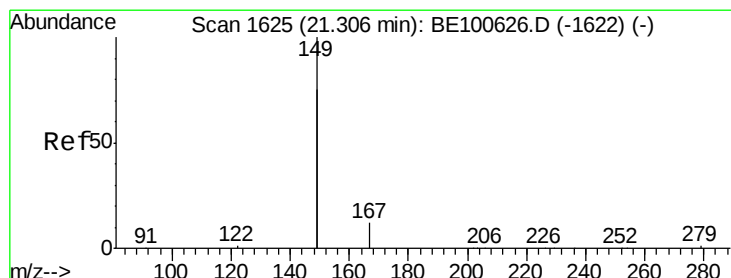
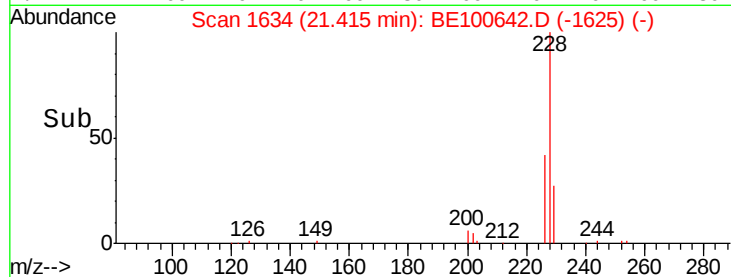
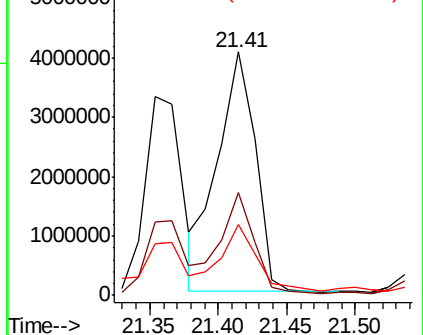


Abundance

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: 0.222 ng

RT: 21.31 min Scan# 1625

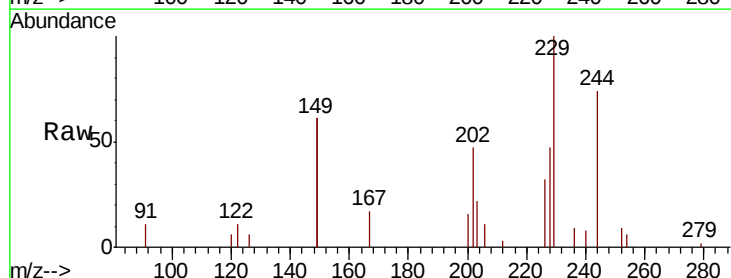
Delta R.T. -0.00 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

Tgt Ion:149 Resp: 114287

Ion	Ratio	Lower	Upper
149	100		
167	20.3	5.4	8.2#
279	1.1	1.5	2.3#

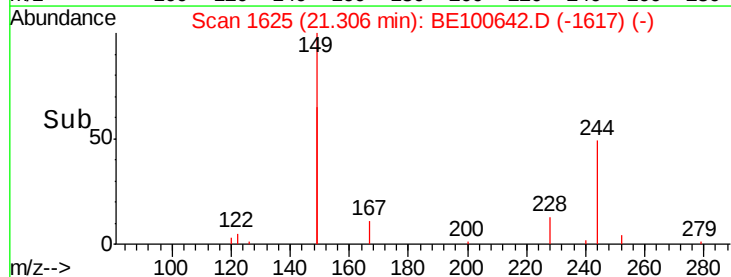
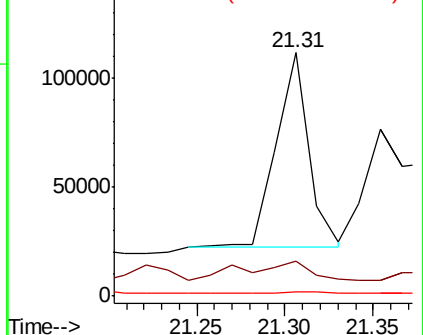


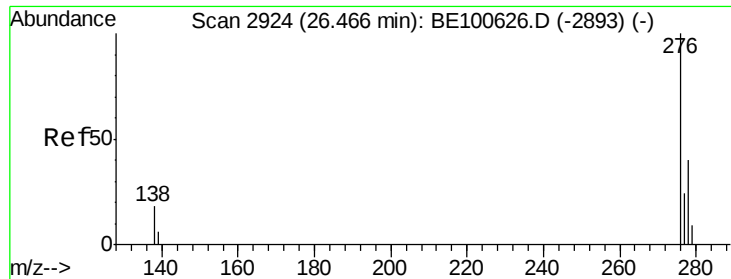
Abundance

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



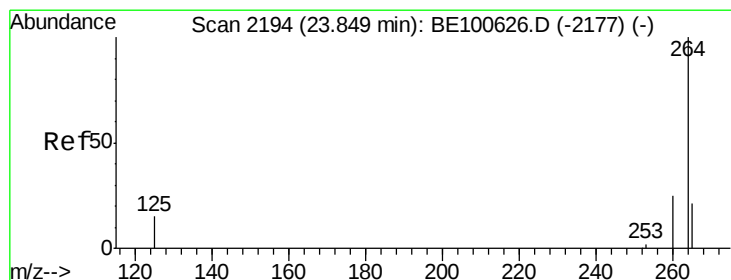
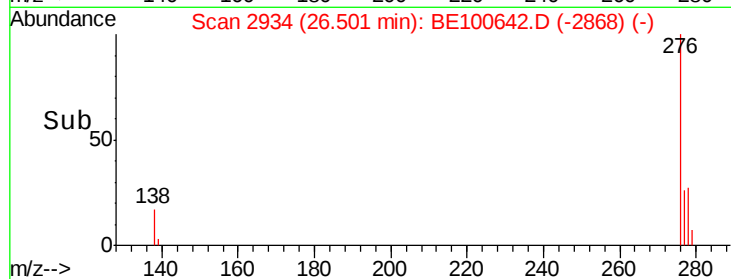
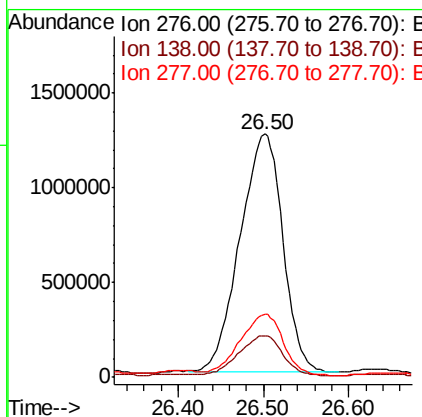
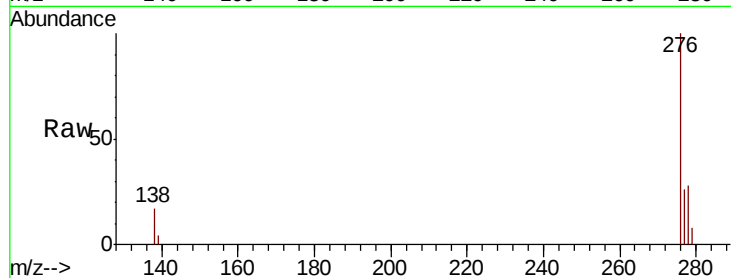


#33
 Indeno(1,2,3-cd)pyrene
 Concen: 14.478 ng
 RT: 26.50 min Scan# 2934
 Delta R.T. 0.04 min
 Lab File: BE100642.D
 Acq: 15 Oct 2019 9:51

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 4379229

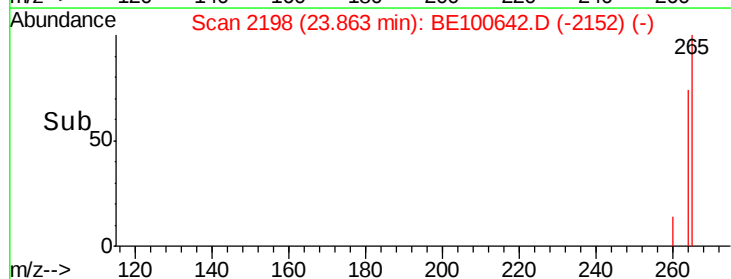
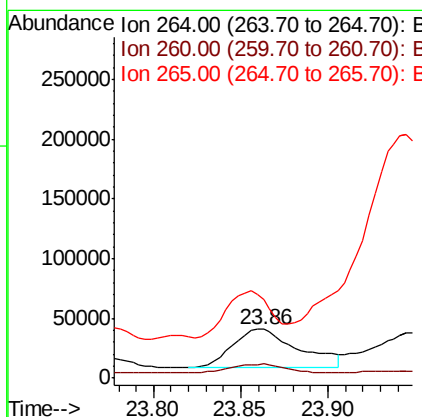
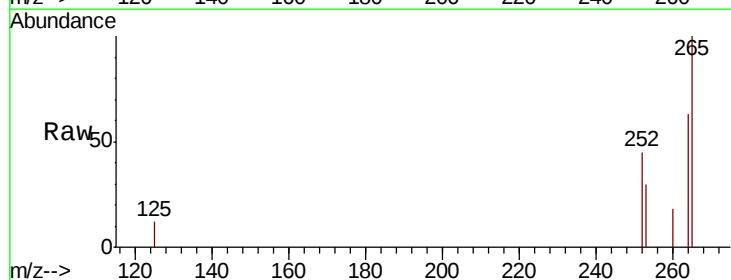
Ion	Ratio	Lower	Upper
276	100		
138	17.0	16.0	24.0
277	25.8	19.7	29.5

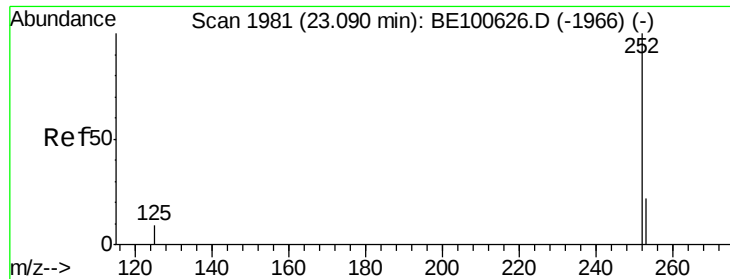


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: BE100642.D
 Acq: 15 Oct 2019 9:51

Tgt Ion:264 Resp: 84216

Ion	Ratio	Lower	Upper
264	100		
260	28.6	19.9	29.9
265	159.4	20.0	30.0#





#35

Benzo(b)fluoranthene

Concen: 32.899 ng

RT: 23.11 min Scan# 1988

Delta R.T. 0.02 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

Instrument :

BNA_E

ClientSampleId :

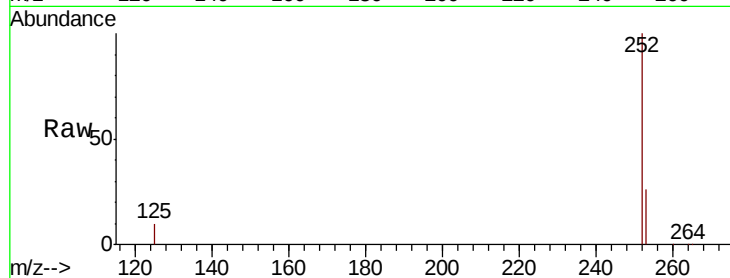
Tot Ion:252 Resp: 8078803

Ion Ratio Lower Upper

252 100

253 25.9 17.8 26.8

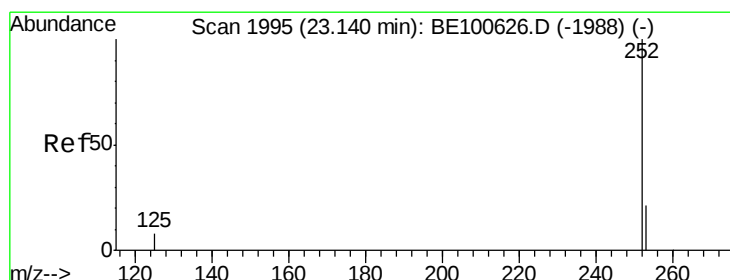
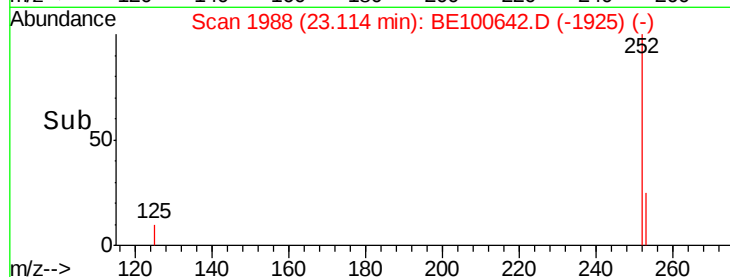
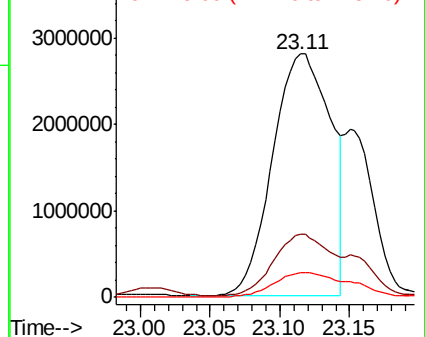
125 10.2 7.6 11.4



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: 31.988 ng

RT: 23.11 min Scan# 1988

Delta R.T. -0.03 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

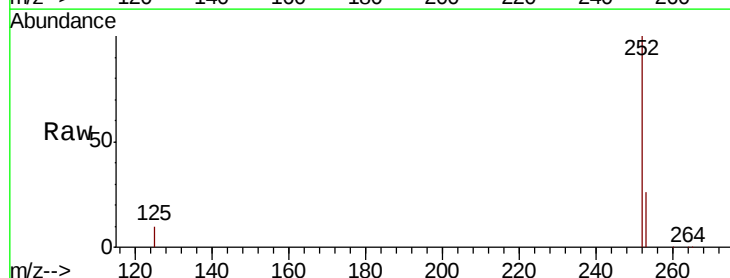
Tgt Ion:252 Resp: 8078803

Ion Ratio Lower Upper

252 100

253 25.9 17.8 26.6

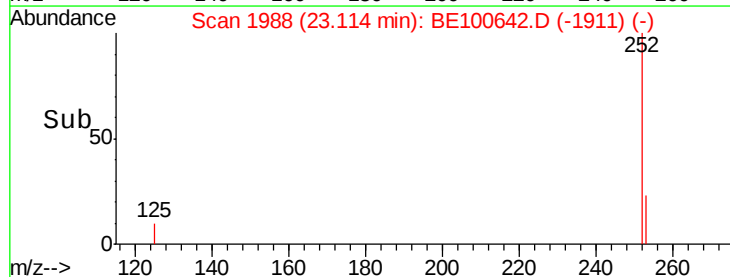
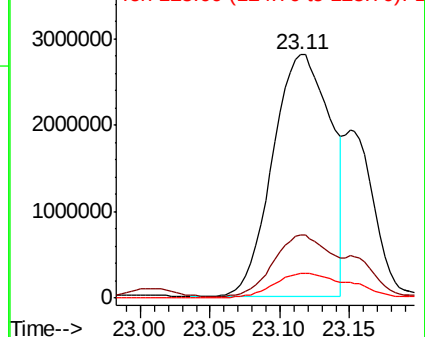
125 10.2 7.6 11.4

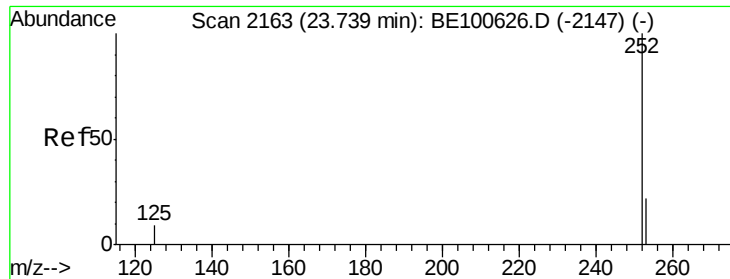


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 26.984 ng

RT: 23.76 min Scan# 2170

Delta R.T. 0.02 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

Instrument :

BNA_E

ClientSampleId :

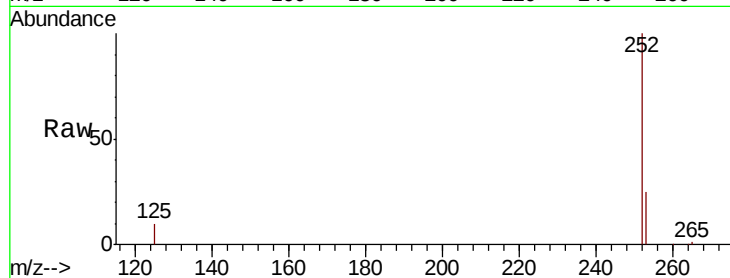
Tot Ion:252 Resp: 6168110

Ion Ratio Lower Upper

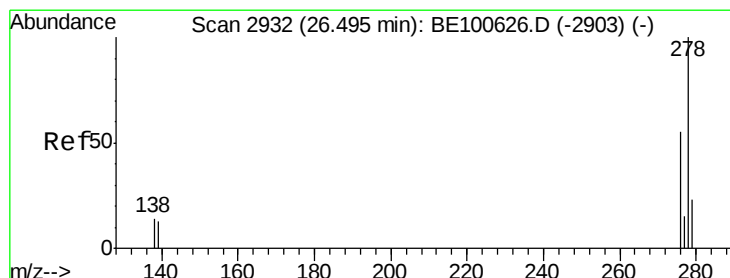
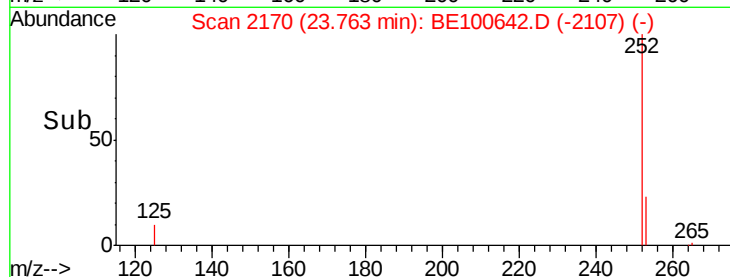
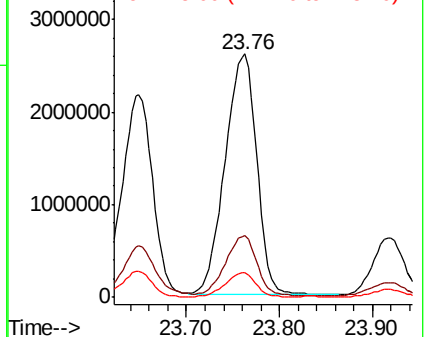
252 100

253 25.3 18.2 27.2

125 10.0 8.1 12.1



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: 5.371 ng

RT: 26.51 min Scan# 2937

Delta R.T. 0.02 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

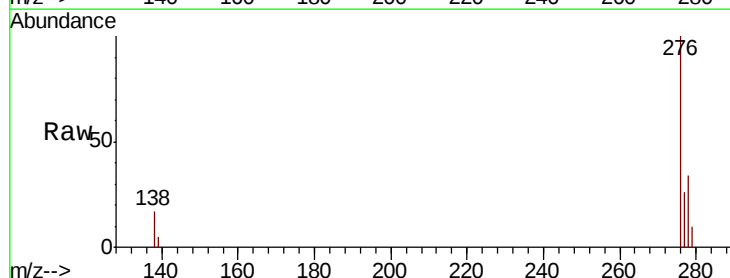
Tgt Ion:278 Resp: 1268895

Ion Ratio Lower Upper

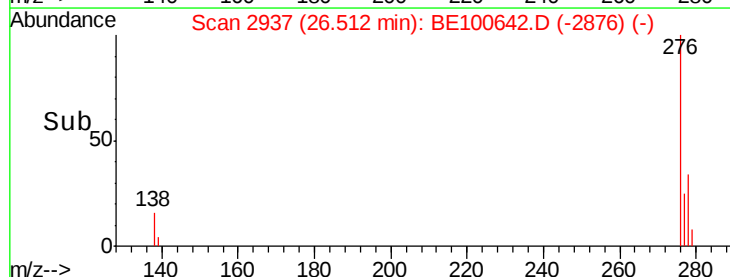
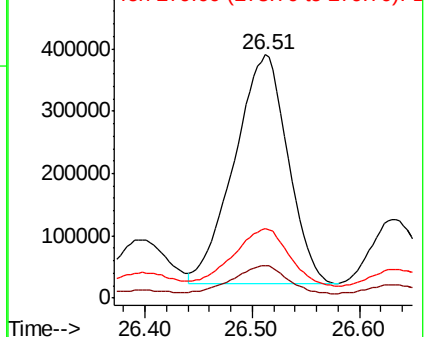
278 100

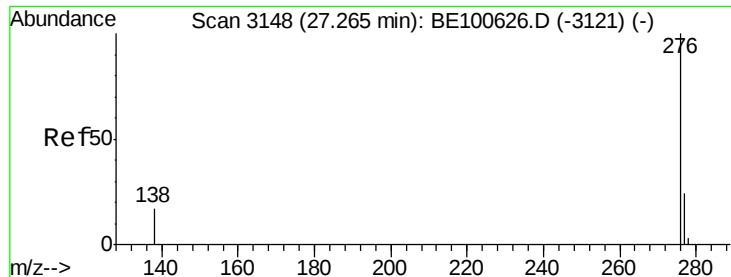
139 13.2 11.2 16.8

279 28.5 19.0 28.6



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: 19.682 ng

RT: 27.31 min Scan# 3162

Delta R.T. 0.05 min

Lab File: BE100642.D

Acq: 15 Oct 2019 9:51

Instrument :

BNA_E

ClientSampleId :

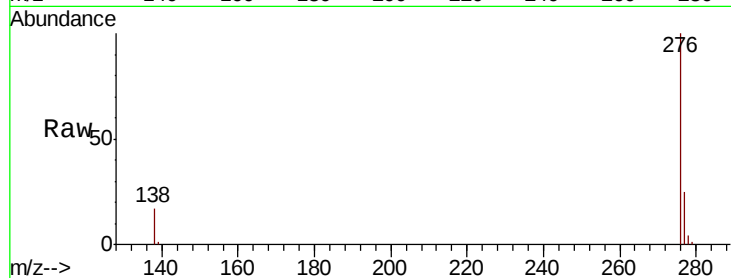
Tot Ion:276 Resp: 4676711

Ion Ratio Lower Upper

276 100

277 25.2 19.3 28.9

138 17.3 14.5 21.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

