

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
 Data File : BE100957.D
 Acq On : 19 Dec 2019 22:06
 Operator : JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:35:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 00:29:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2181	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	10755	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	6763	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	15367	0.40	ng	0.00
27) Chrysene-d12	21.29	240	15024	0.40	ng	0.00
34) Perylene-d12	23.73	264	20385	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	1343	0.26	ng	0.00
5) Phenol-d6	6.97	99	1486	0.19	ng	0.00
8) Nitrobenzene-d5	8.91	82	2001	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	7023	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	572	0.76	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	9838	0.37	ng	0.00
25) Fluoranthene-d10	19.14	212	78626	0.43	ng	0.00
29) Terphenyl-d14	19.75	244	13887	0.39	ng	0.00

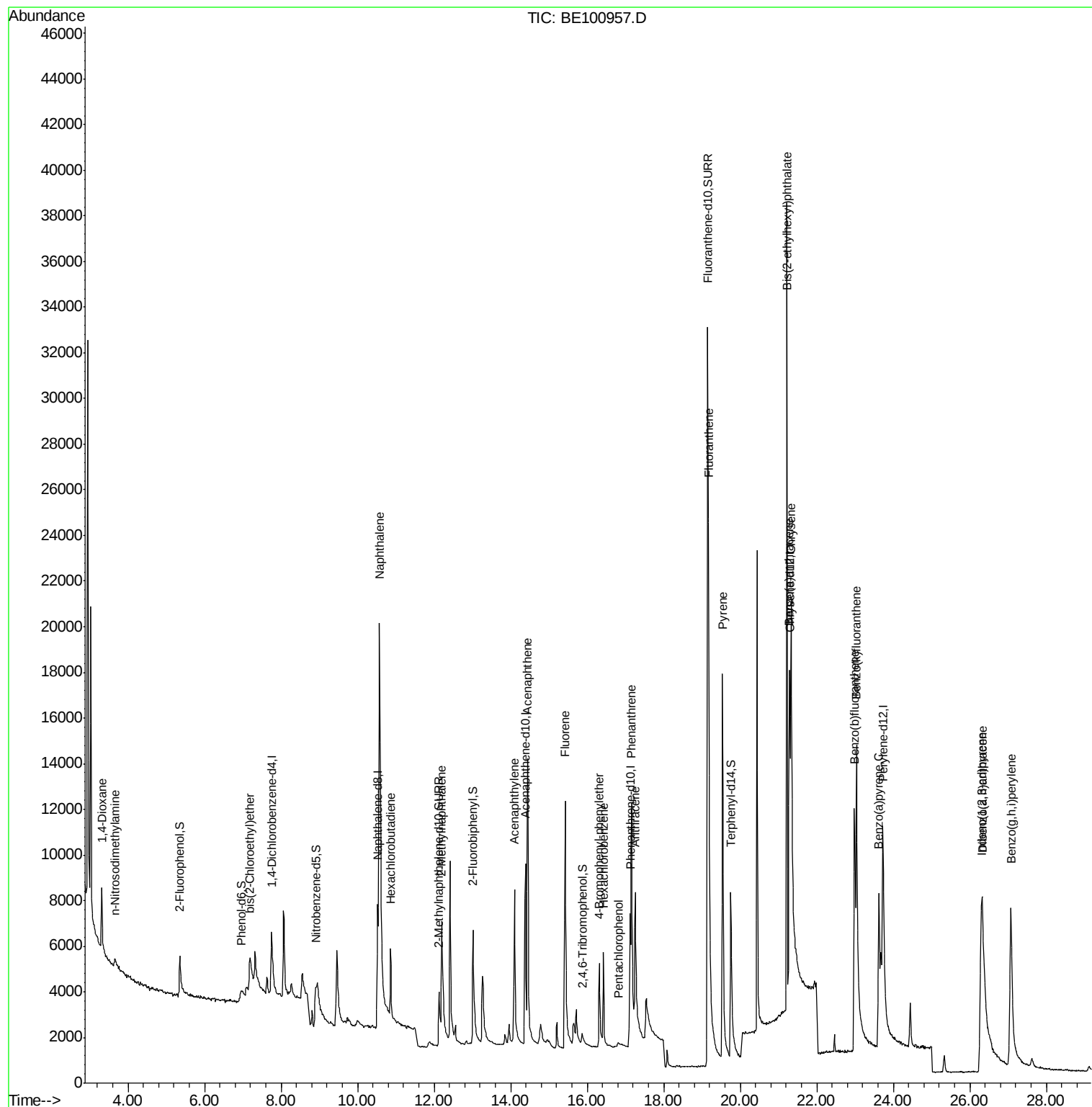
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	3505	0.881	ng	96
3) n-Nitrosodimethylamine	3.66	42	972	0.300	ng	# 96
6) bis(2-Chloroethyl)ether	7.18	93	2093	0.277	ng	87
9) Naphthalene	10.57	128	50276	0.440	ng	100
10) Hexachlorobutadiene	10.86	225	2224	0.499	ng	99
12) 2-Methylnaphthalene	12.20	142	6817	0.382	ng	100
16) Acenaphthylene	14.10	152	11406	0.408	ng	100
17) Acenaphthene	14.44	154	7988	0.414	ng	100
18) Fluorene	15.42	166	9935	0.400	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	2567	0.340	ng	100
21) Hexachlorobenzene	16.42	284	3228	0.394	ng	99
22) Pentachlorophenol	16.81	266	273	0.482	ng	100
23) Phenanthrene	17.16	178	16123	0.346	ng	100
24) Anthracene	17.25	178	10449	0.268	ng	100
26) Fluoranthene	19.17	202	22540	0.406	ng	100
28) Pyrene	19.53	202	23883	0.489	ng	100
30) Benzo(a)anthracene	21.28	228	15592	0.352	ng	100
31) Chrysene	21.33	228	21389	0.411	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	44097	1.099	ng	100
33) Indeno(1,2,3-cd)pyrene	26.30	276	24283	0.536	ng	100
35) Benzo(b)fluoranthene	22.98	252	17878	0.320	ng	100
36) Benzo(k)fluoranthene	23.03	252	33223	0.531	ng	100
37) Benzo(a)pyrene	23.62	252	22794	0.472	ng	100
38) Dibenzo(a,h)anthracene	26.33	278	17807	0.370	ng	100
39) Benzo(g,h,i)perylene	27.07	276	23049	0.448	ng	100

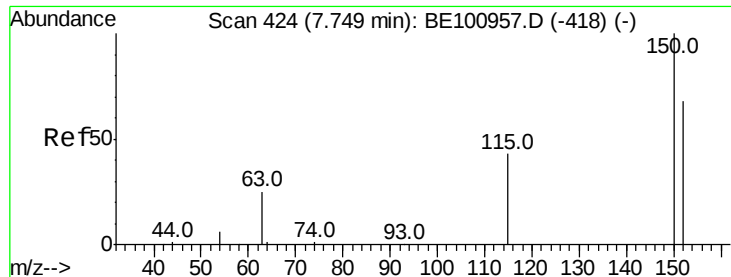
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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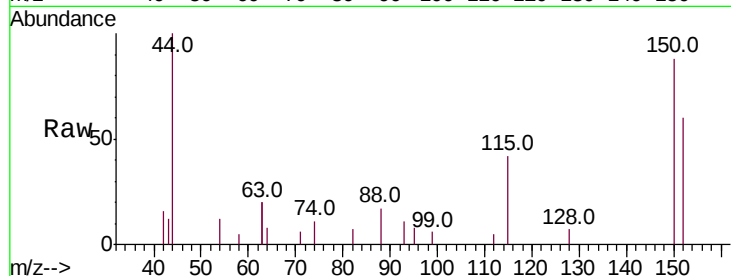


#1

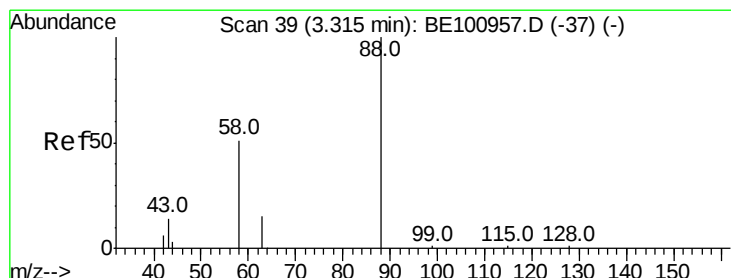
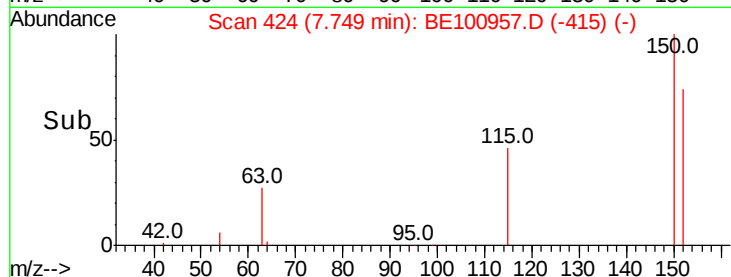
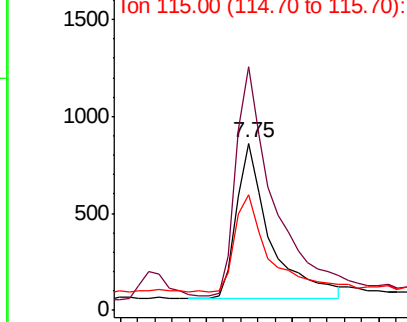
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2181
Ion Ratio Lower Upper
152 100
150 145.9 116.7 175.1
115 69.6 55.7 83.5



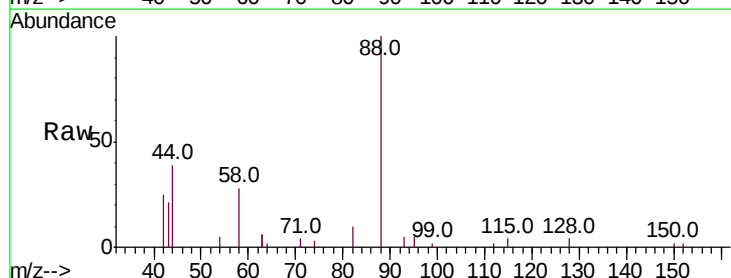
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



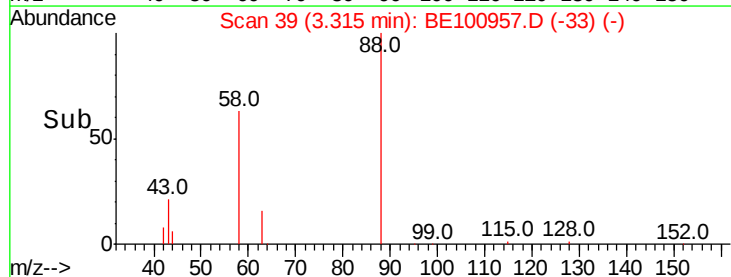
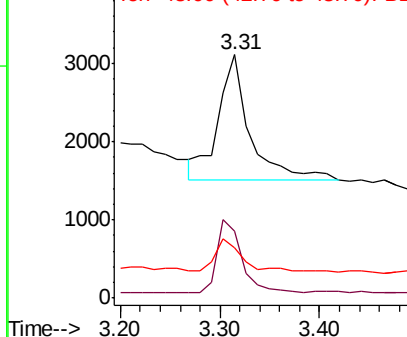
#2

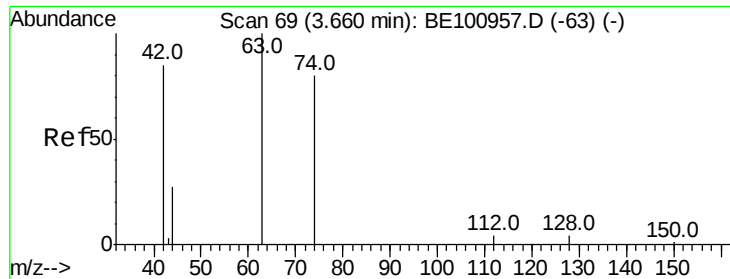
1,4-Dioxane
Concen: 0.881 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

Tgt Ion: 88 Resp: 3505
Ion Ratio Lower Upper
88 100
58 45.2 38.6 57.8
43 24.0 20.5 30.7



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.300 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Instrument :

BNA_E

ClientSampleId :

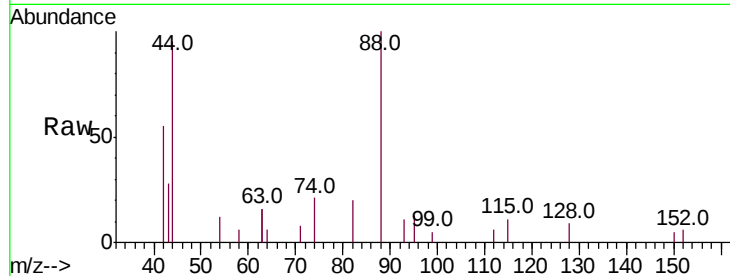
Tot Ion: 42 Resp: 972

Ion Ratio Lower Upper

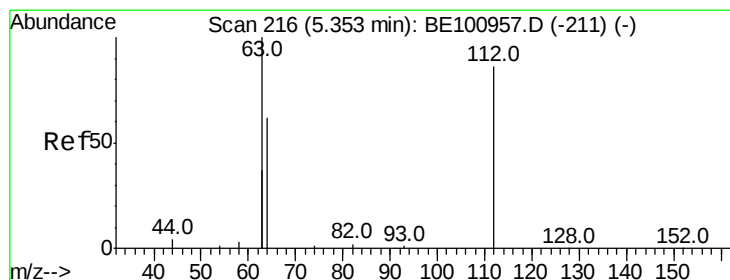
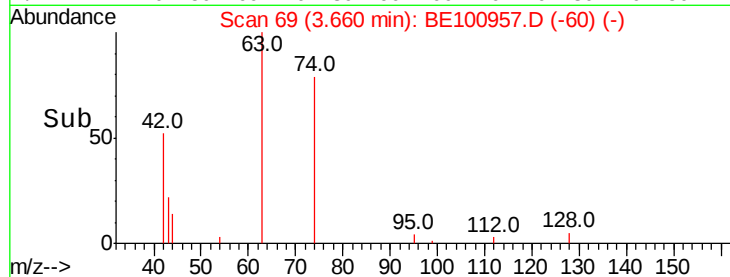
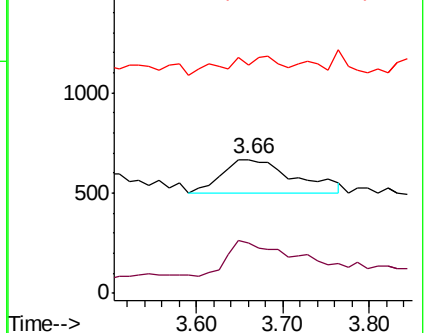
42 100

74 92.8 77.8 116.6

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.259 ng

RT: 5.35 min Scan# 216

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

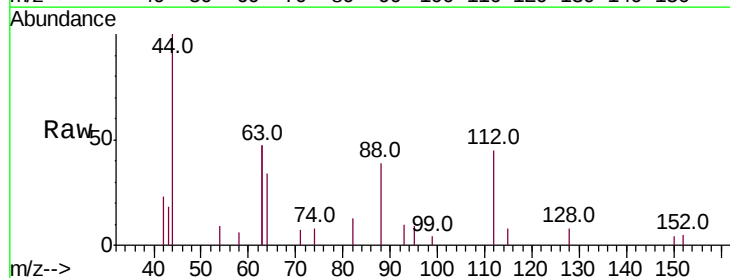
Tgt Ion: 112 Resp: 1343

Ion Ratio Lower Upper

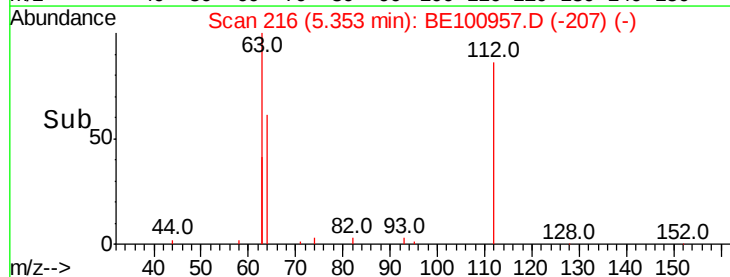
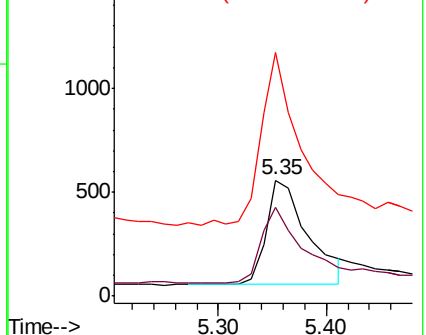
112 100

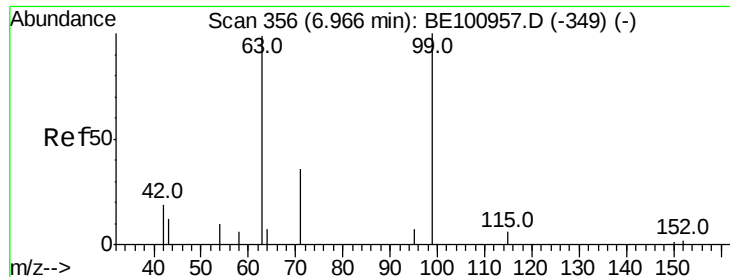
64 73.6 58.6 88.0

63 156.5 121.0 181.6



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: 0.190 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Instrument :

BNA_E

ClientSampleId :

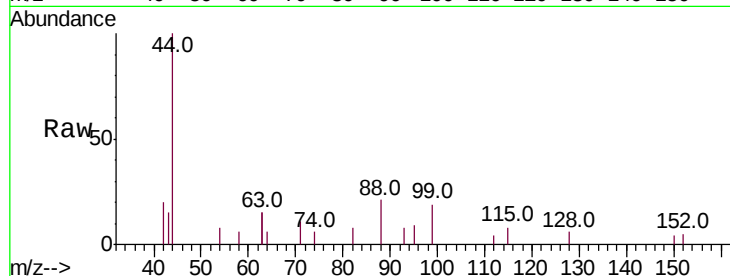
Tot Ion: 99 Resp: 1486

Ion Ratio Lower Upper

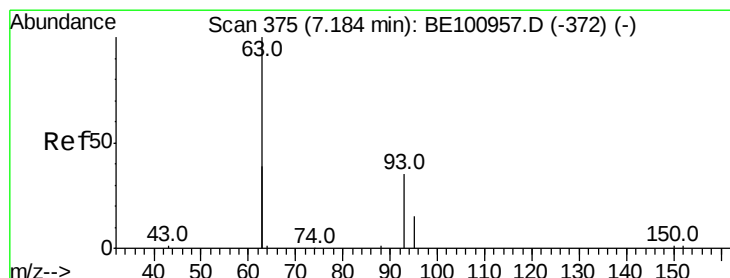
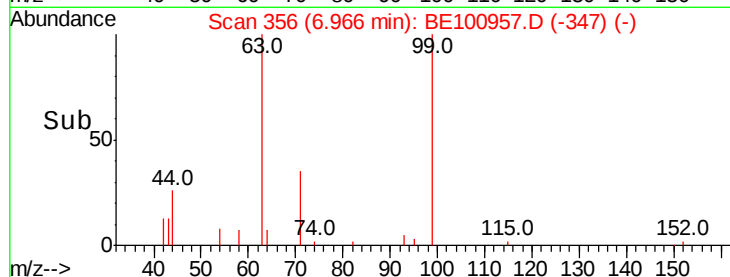
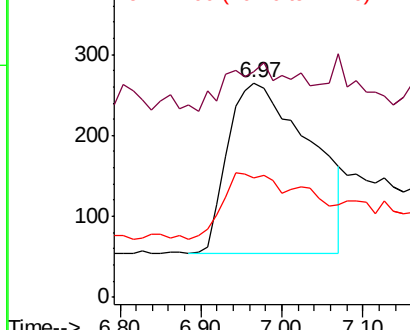
99 100

42 22.4 10.2 15.2#

71 0.0 0.0 0.0



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



#6

bis(2-Chloroethyl)ether

Concen: 0.277 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

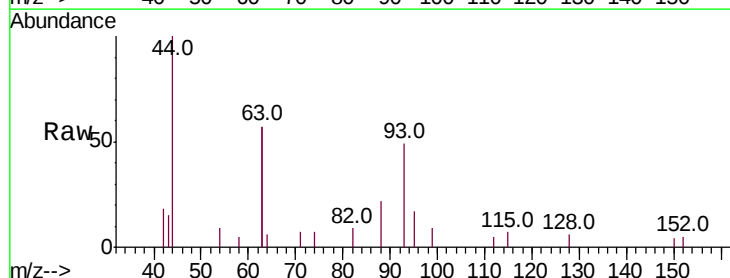
Tgt Ion: 93 Resp: 2093

Ion Ratio Lower Upper

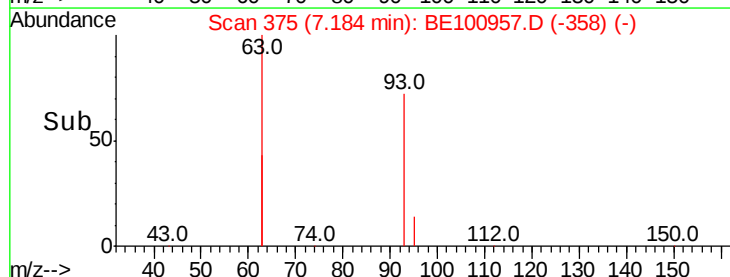
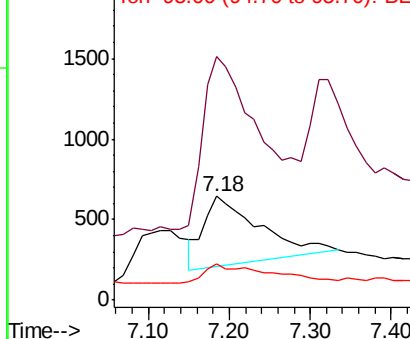
93 100

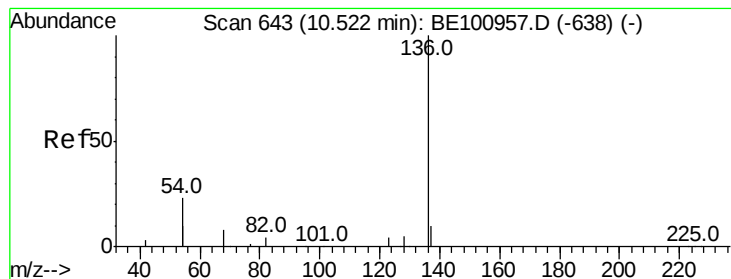
63 236.1 209.4 314.2

95 33.7 28.6 42.8



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10755

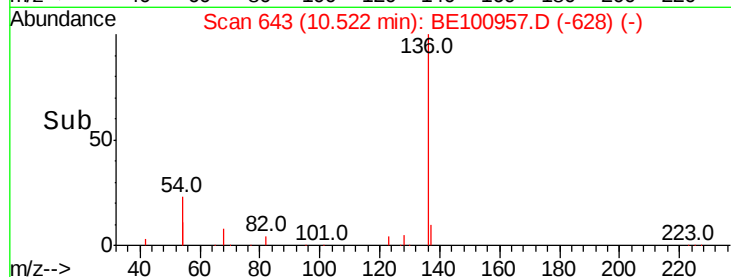
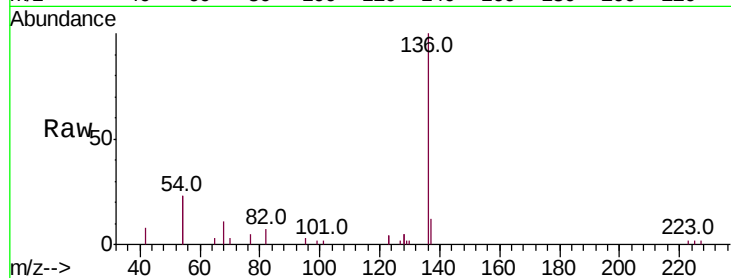
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 45.3 36.2 54.4

68 10.5 8.4 12.6

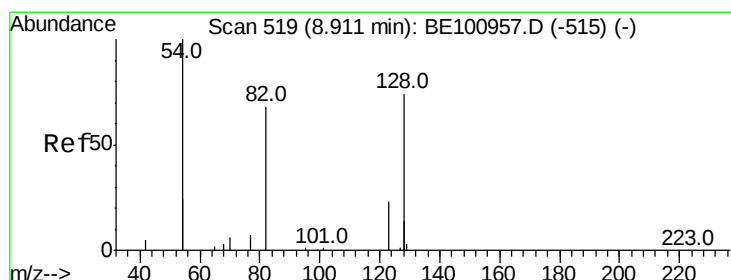
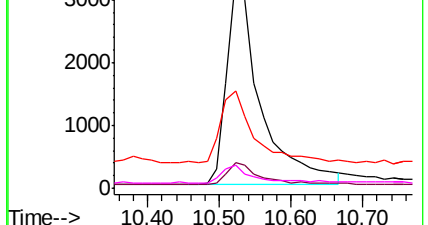


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

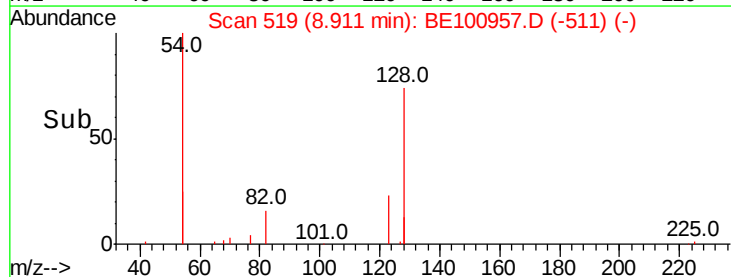
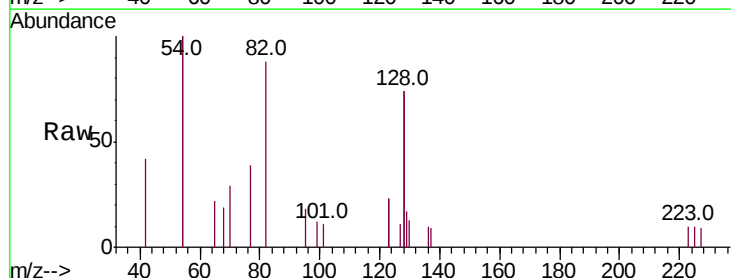
Tgt Ion: 82 Resp: 2001

Ion Ratio Lower Upper

82 100

128 168.8 135.0 202.6

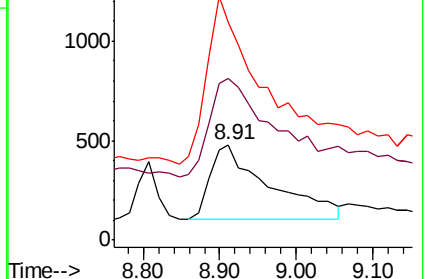
54 228.3 182.6 274.0

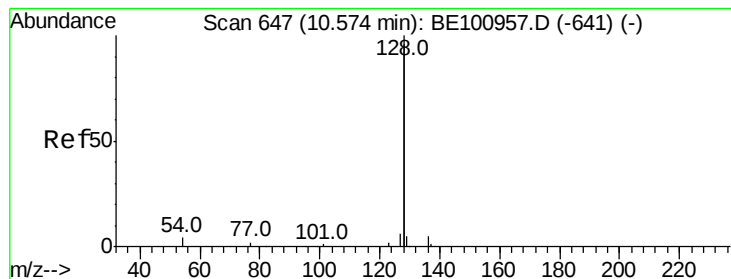


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.440 ng

RT: 10.57 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Instrument :

BNA_E

ClientSampleId :

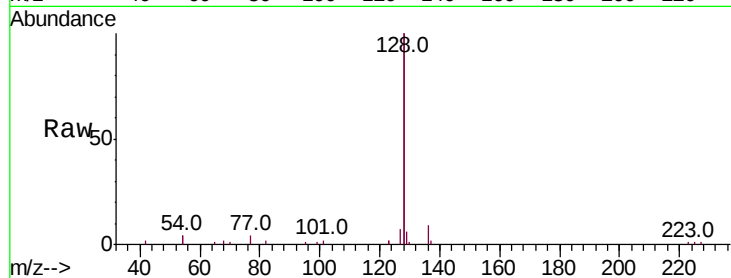
Tot Ion:128 Resp: 50276

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

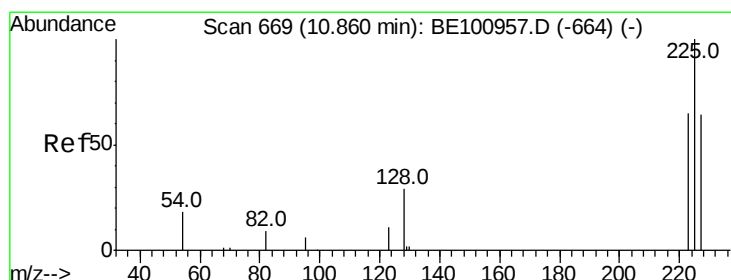
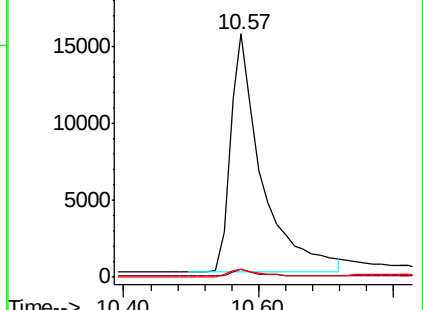
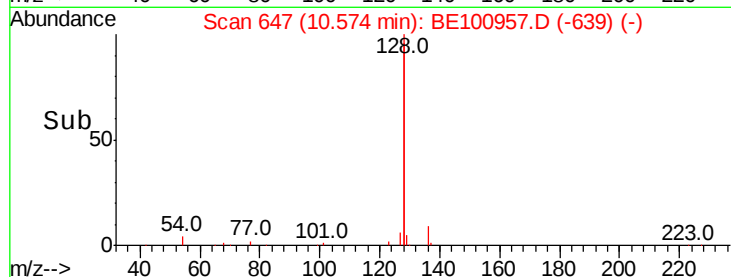
127 3.4 2.7 4.1



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



#10

Hexachlorobutadiene

Concen: 0.499 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

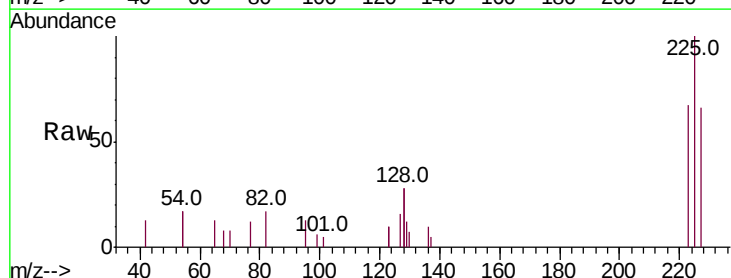
Tgt Ion:225 Resp: 2224

Ion Ratio Lower Upper

225 100

223 62.7 49.4 74.2

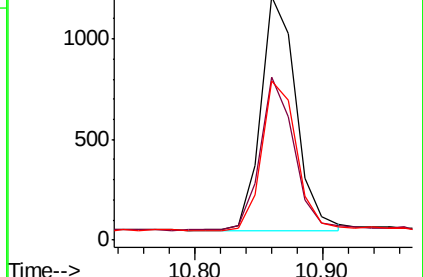
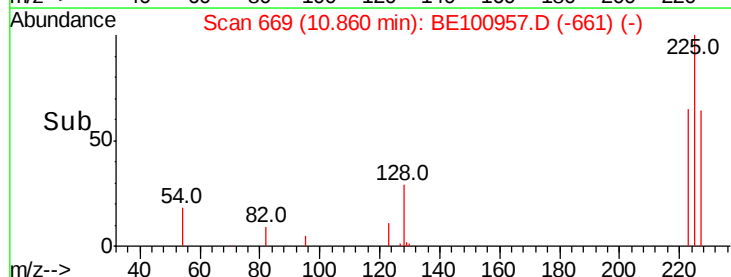
227 63.0 50.3 75.5

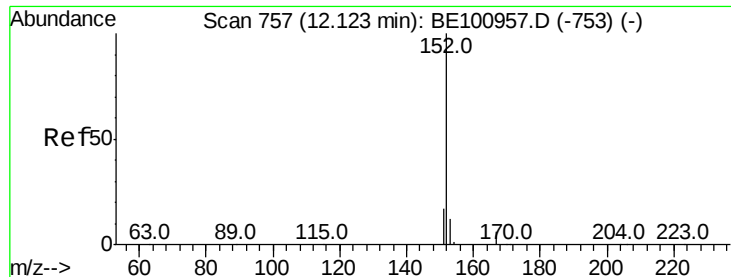


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

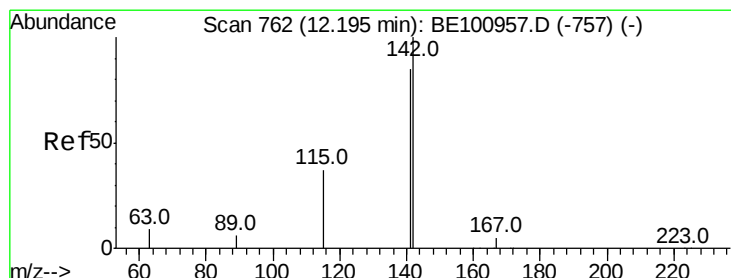
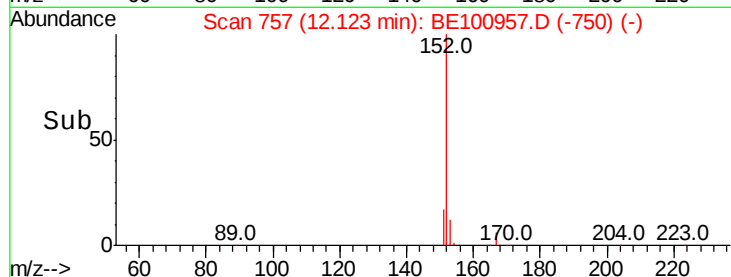
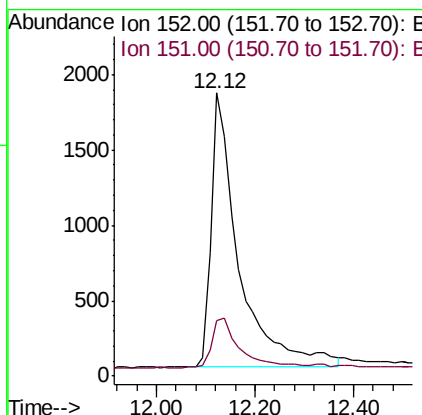
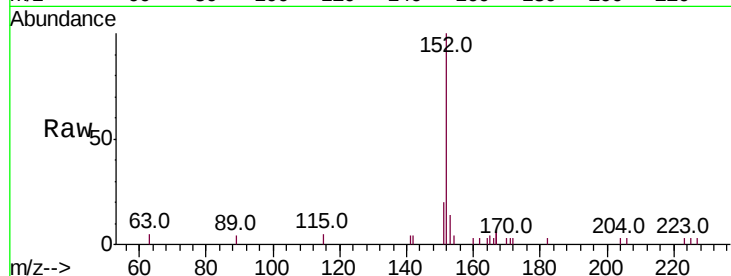




#11
 2-Methylnaphthalene-d10
 Concen: 0.451 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BE100957.D
 Acq: 19 Dec 2019 22:06

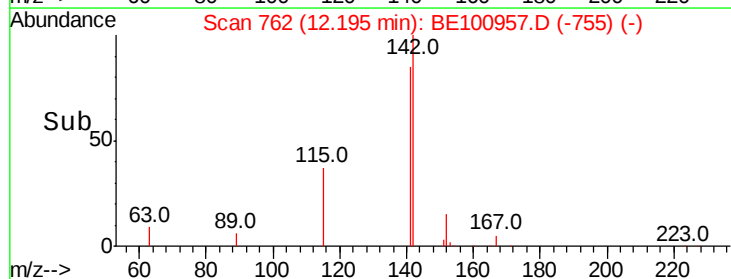
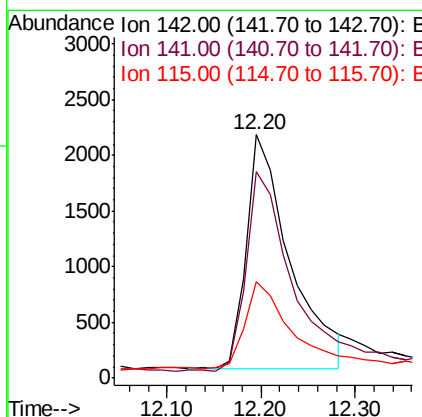
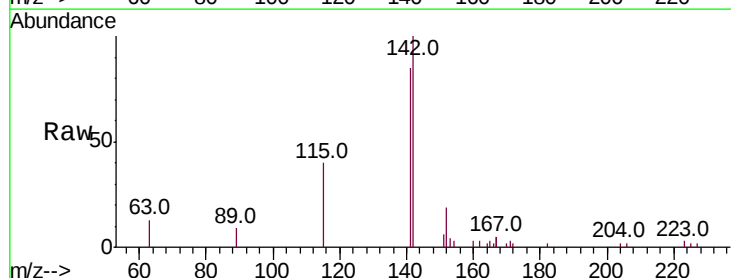
Instrument :
 BNA_E
 ClientSampleId :

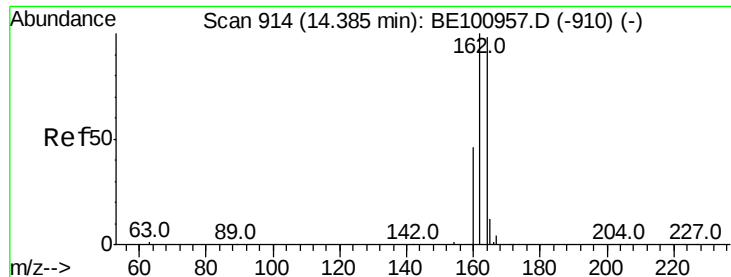
Tot Ion:152 Resp: 7023
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.382 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE100957.D
 Acq: 19 Dec 2019 22:06

Tgt Ion:142 Resp: 6817
 Ion Ratio Lower Upper
 142 100
 141 84.8 67.8 101.8
 115 39.6 31.7 47.5

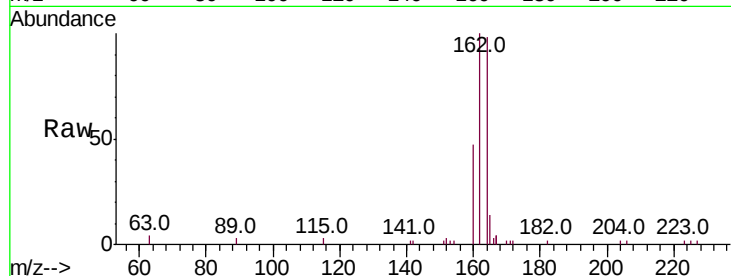




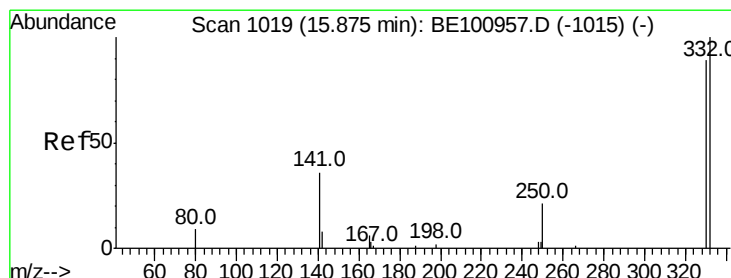
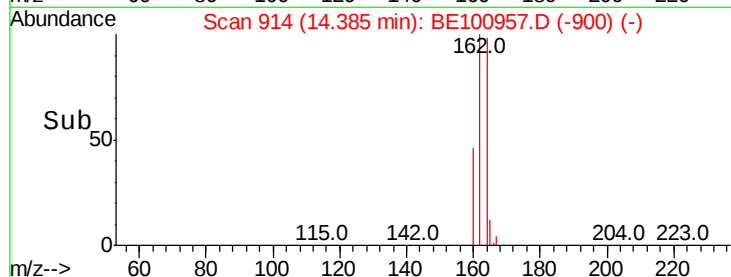
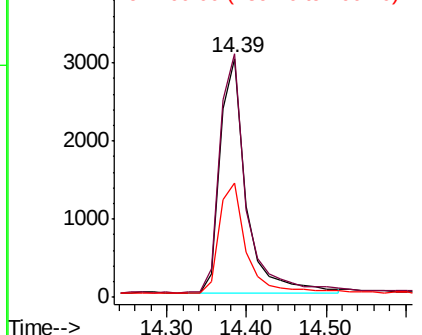
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BE100957.D
 Acq: 19 Dec 2019 22:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 6763
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.6 122.4
 160 48.1 38.5 57.7

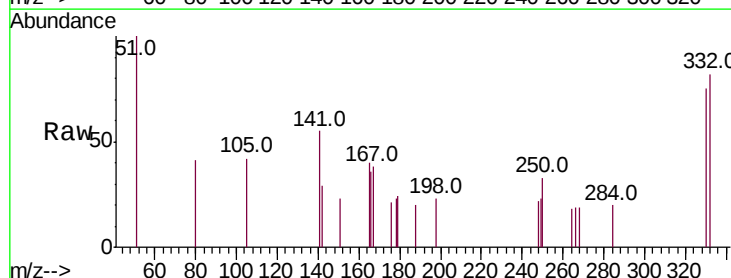


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

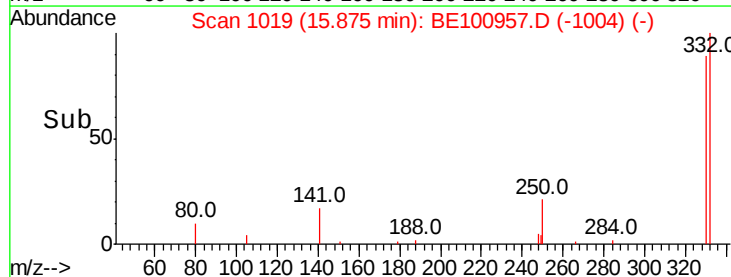
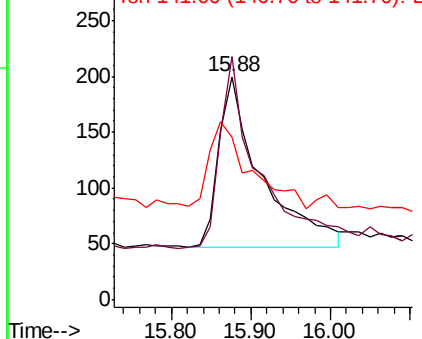


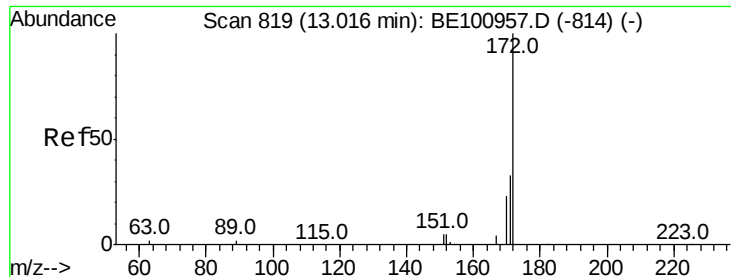
#14
 2,4,6-Tribromophenol
 Concen: 0.760 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE100957.D
 Acq: 19 Dec 2019 22:06

Tgt Ion:330 Resp: 572
 Ion Ratio Lower Upper
 330 100
 332 105.2 84.2 126.2
 141 49.1 39.3 58.9



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

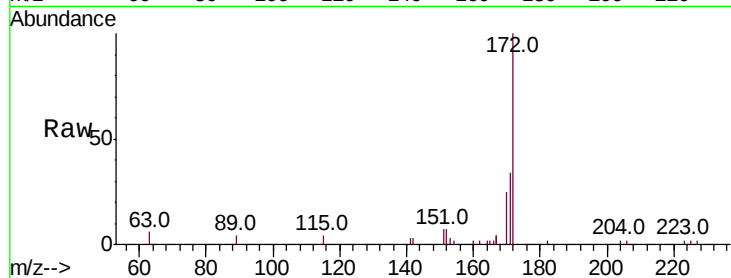




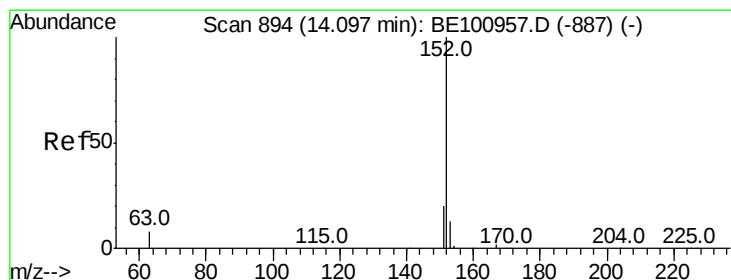
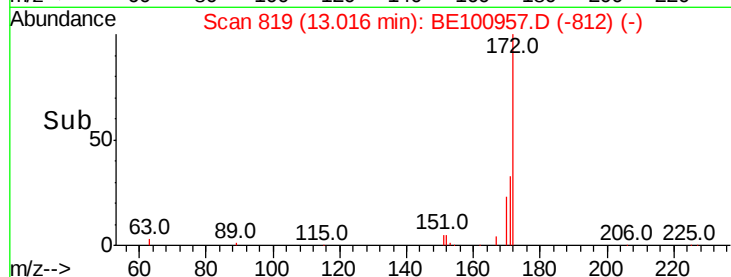
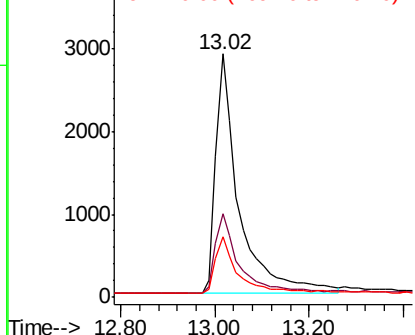
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 9838
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 24.7 19.8 29.6

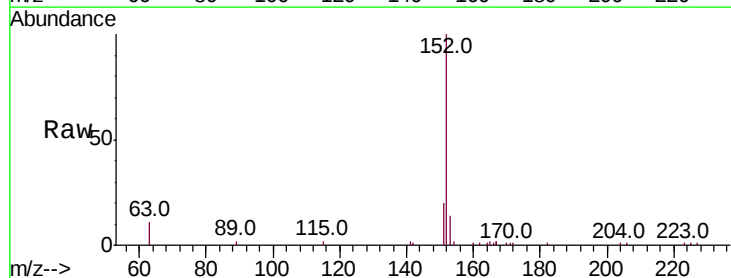


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

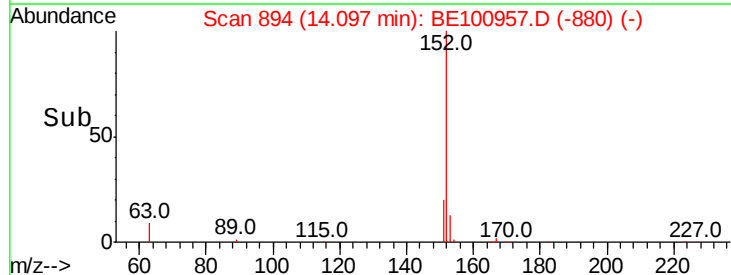
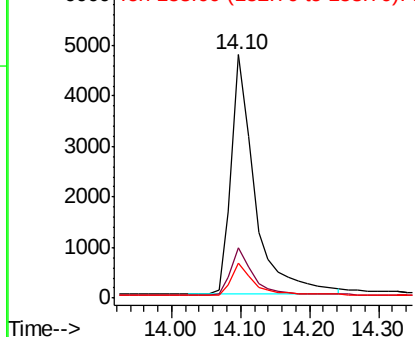


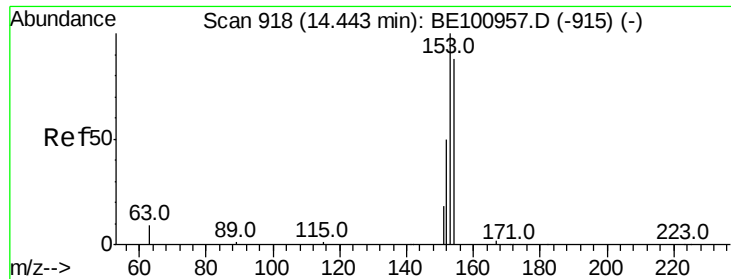
#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

Tgt Ion:152 Resp: 11406
Ion Ratio Lower Upper
152 100
151 18.8 15.0 22.4
153 13.1 10.6 16.0



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

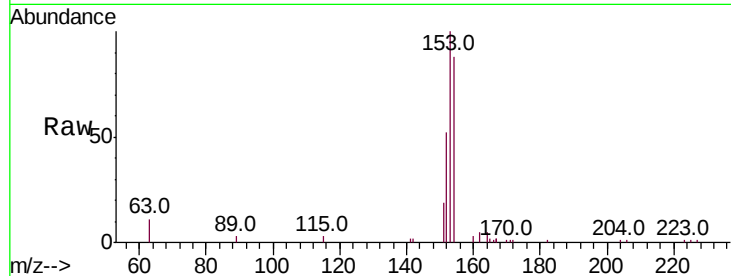




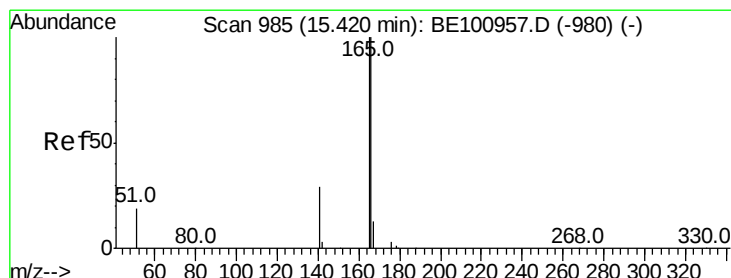
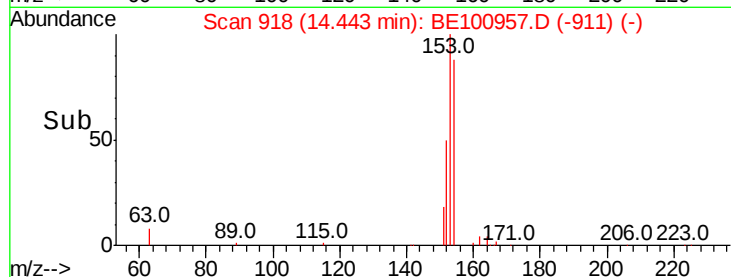
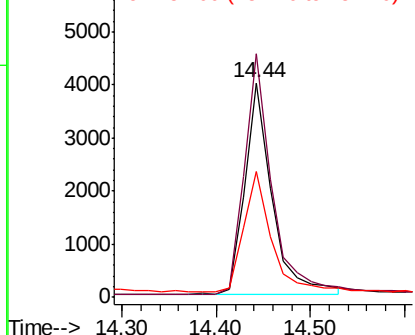
#17
Acenaphthene
Concen: 0.414 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 7988
Ion Ratio Lower Upper
154 100
153 115.3 92.3 138.5
152 57.7 46.4 69.6

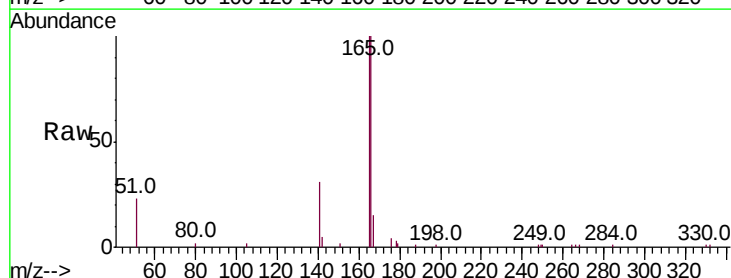


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

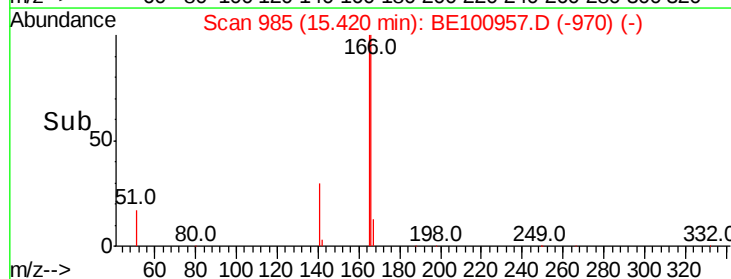
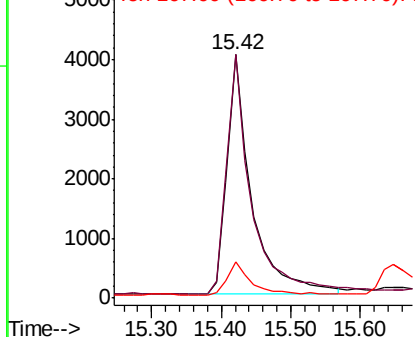


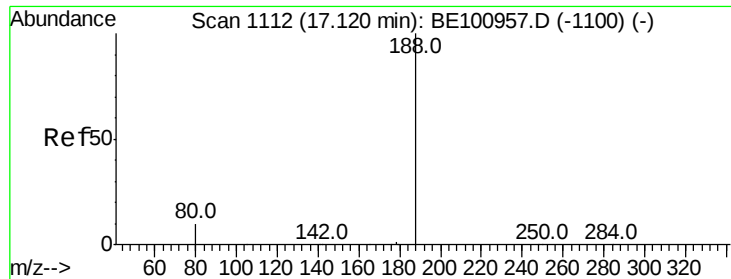
#18
Fluorene
Concen: 0.400 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

Tgt Ion:166 Resp: 9935
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.4
167 13.3 10.6 16.0



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. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Instrument :

BNA_E

ClientSampleId :

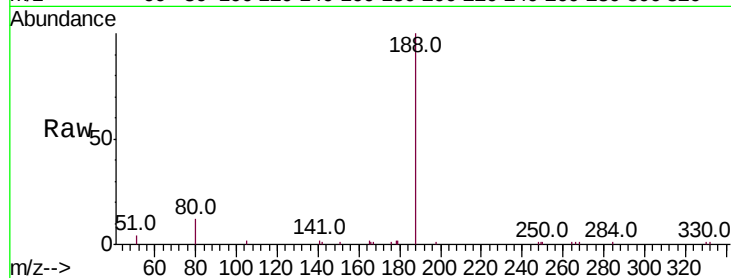
Tot Ion:188 Resp: 15367

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

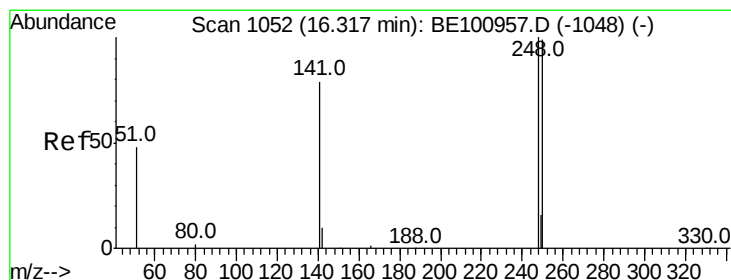
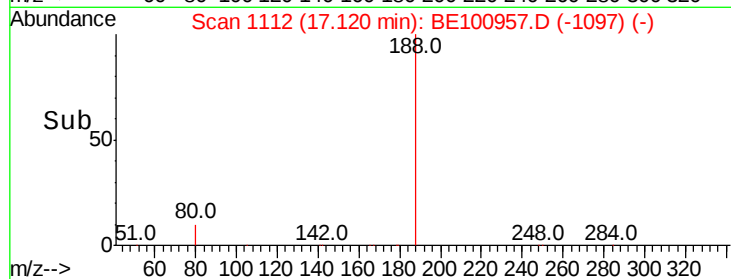
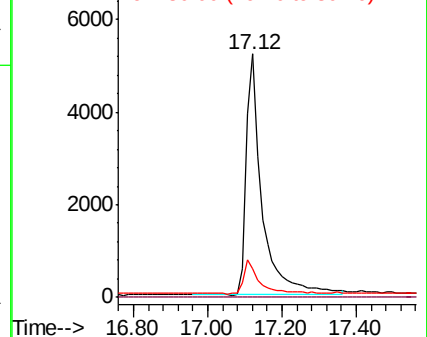
80 11.9 9.5 14.3



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



#20

4-Bromophenyl-phenylether

Concen: 0.340 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

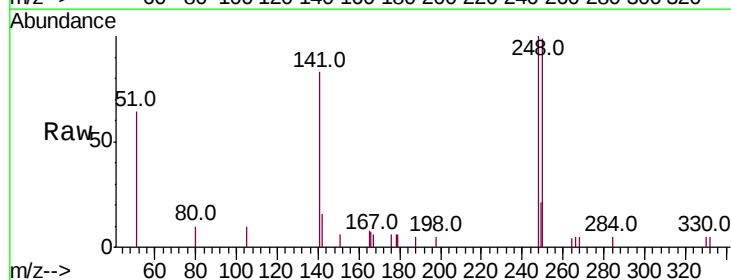
Tgt Ion:248 Resp: 2567

Ion Ratio Lower Upper

248 100

250 99.4 79.5 119.3

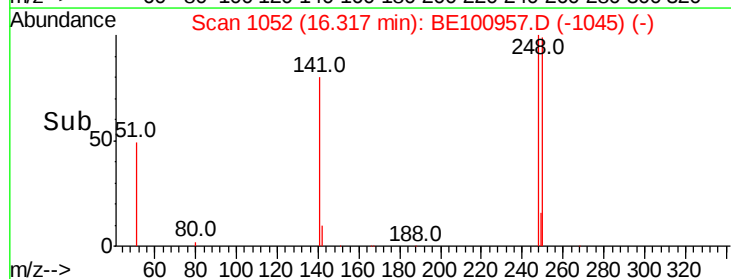
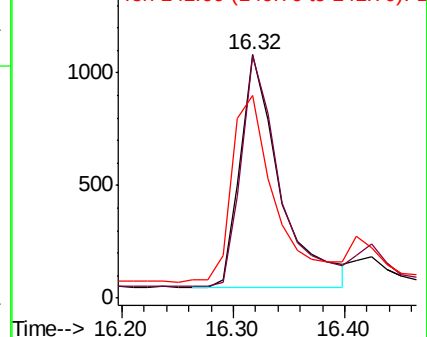
141 83.3 66.6 100.0

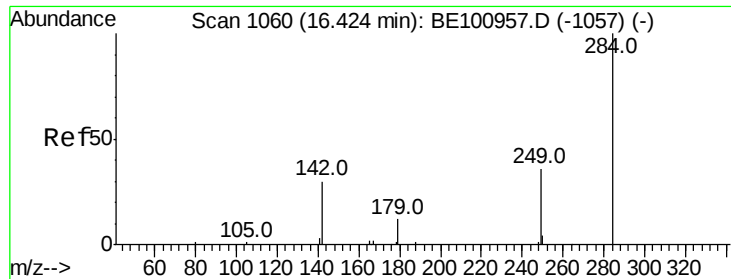


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

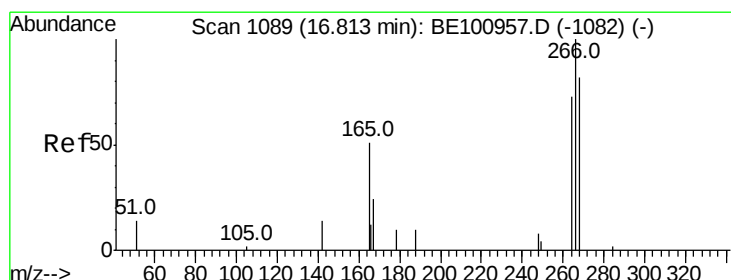
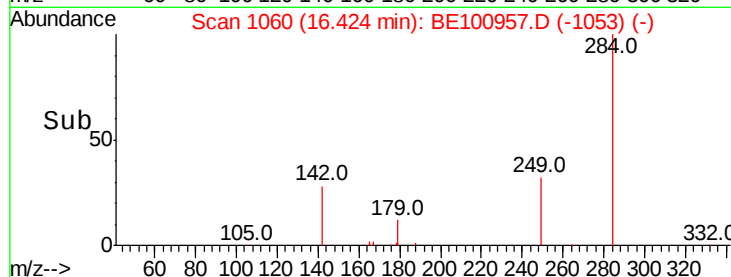
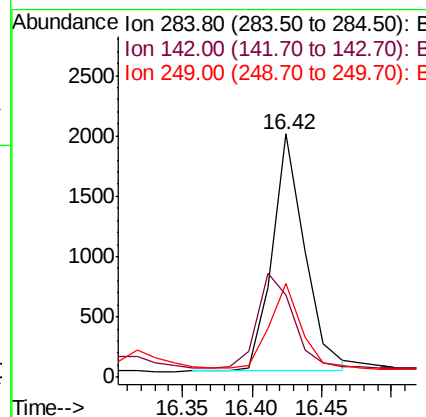
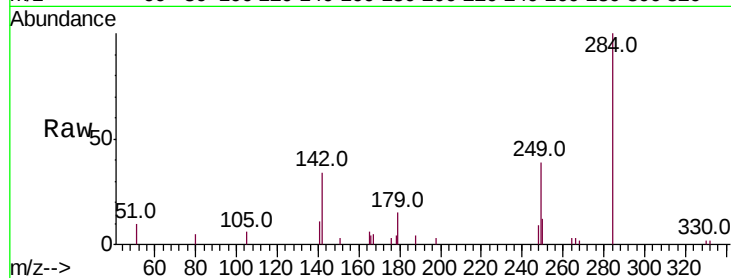




#21
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

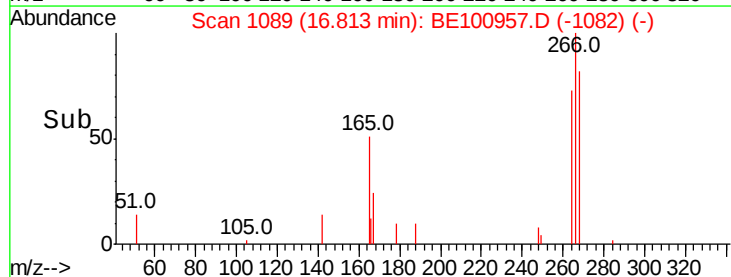
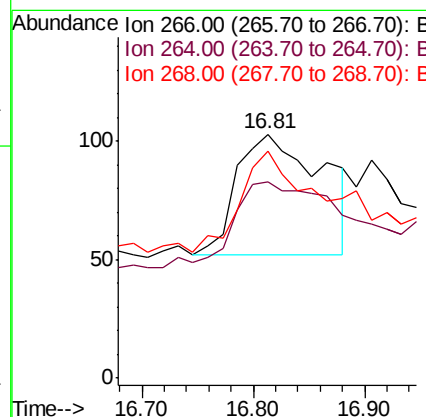
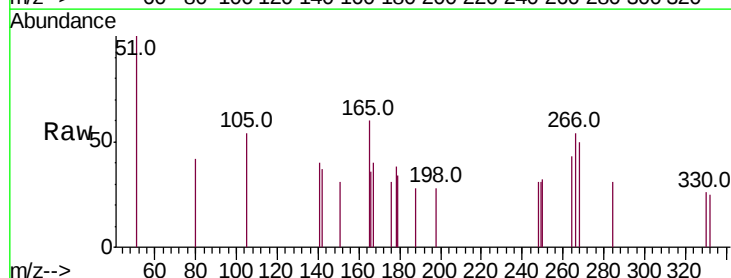
Instrument :
BNA_E
ClientSampled :

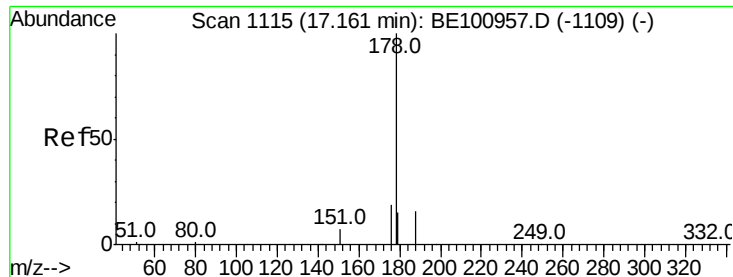
Tot Ion:284 Resp: 3228
Ion Ratio Lower Upper
284 100
142 42.9 33.8 50.6
249 33.8 26.7 40.1



#22
Pentachlorophenol
Concen: 0.482 ng
RT: 16.81 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

Tgt Ion:266 Resp: 273
Ion Ratio Lower Upper
266 100
264 80.6 64.5 96.7
268 93.2 74.6 111.8





#23

Phenanthrene

Concen: 0.346 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Instrument :

BNA_E

ClientSampleId :

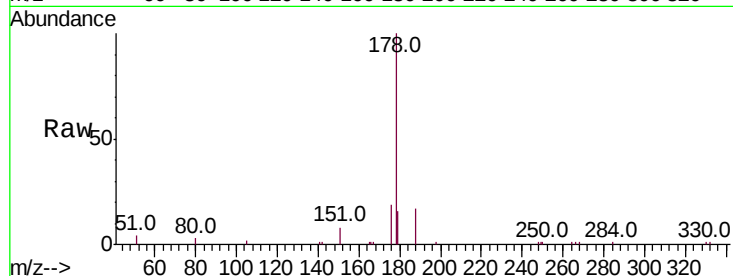
Tot Ion:178 Resp: 16123

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

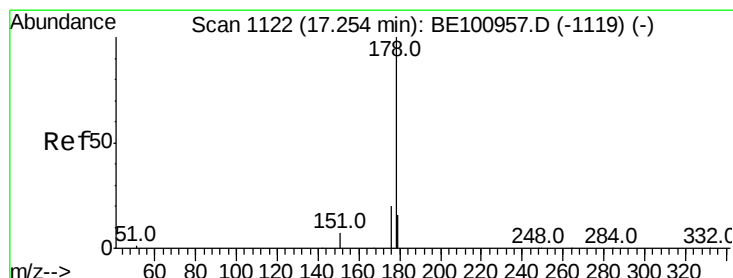
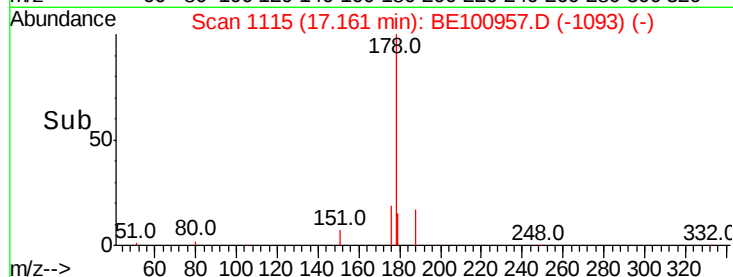
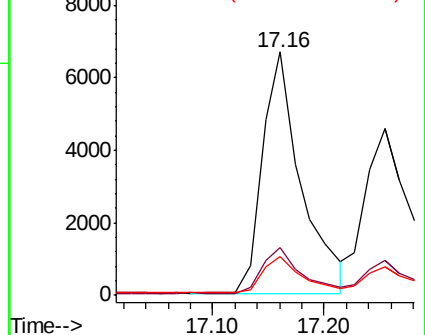
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.268 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

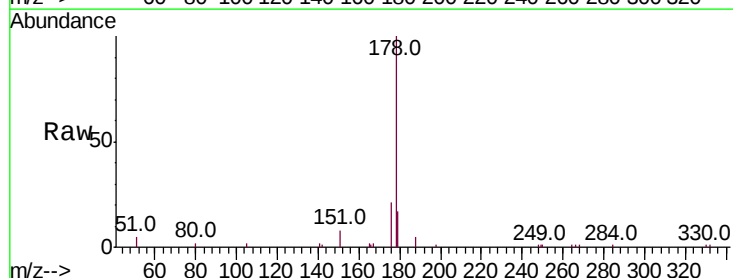
Tgt Ion:178 Resp: 10449

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

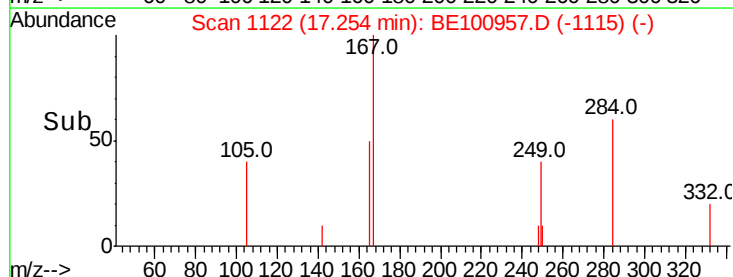
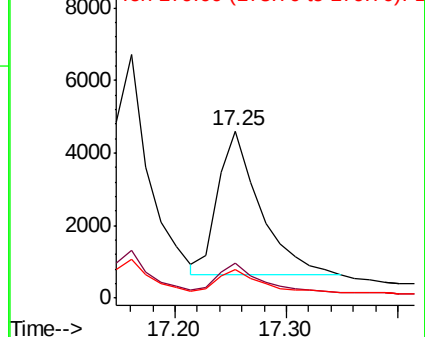
179 15.0 12.0 18.0

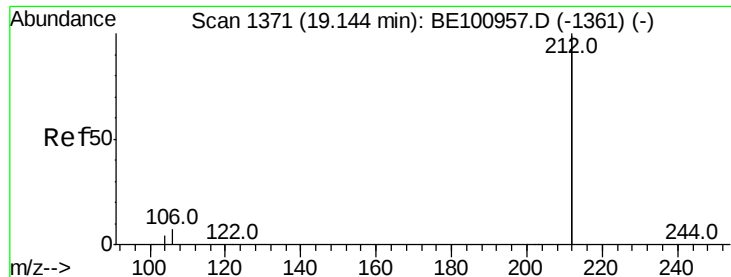


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.433 ng

RT: 19.14 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Instrument :

BNA_E

ClientSampleId :

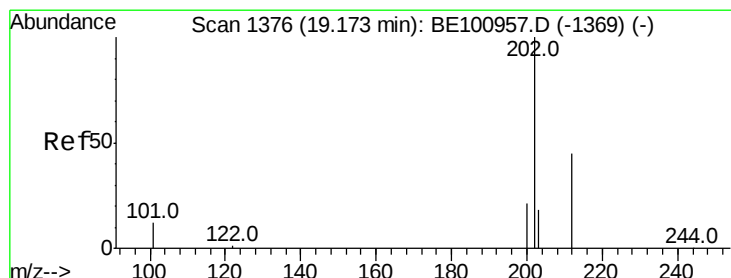
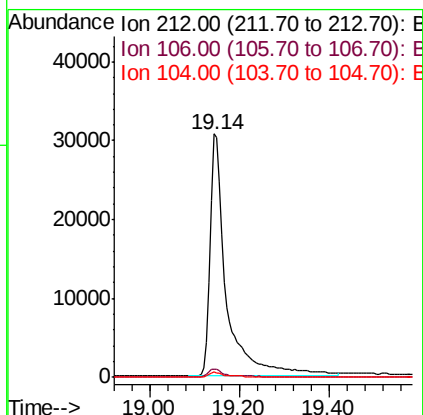
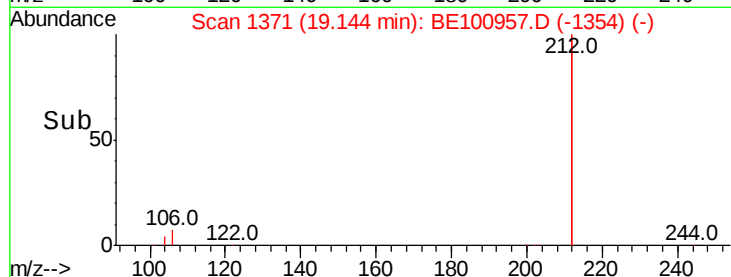
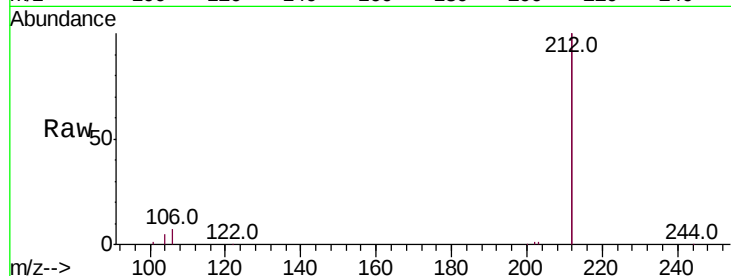
Tot Ion:212 Resp: 78626

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

104 1.8 1.4 2.2



#26

Fluoranthene

Concen: 0.406 ng

RT: 19.17 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

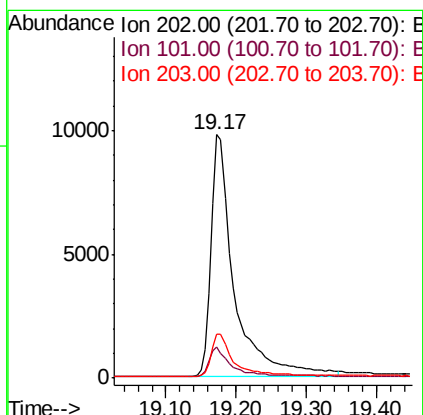
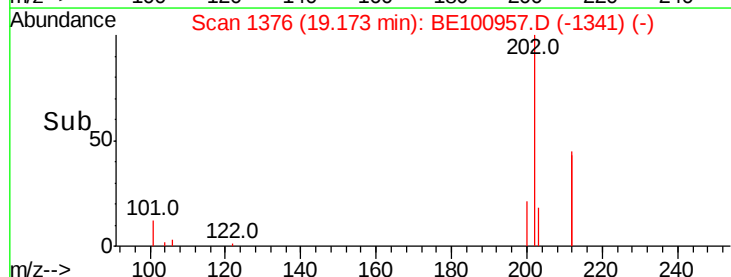
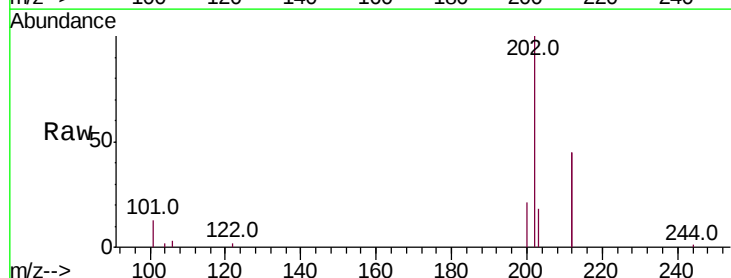
Tgt Ion:202 Resp: 22540

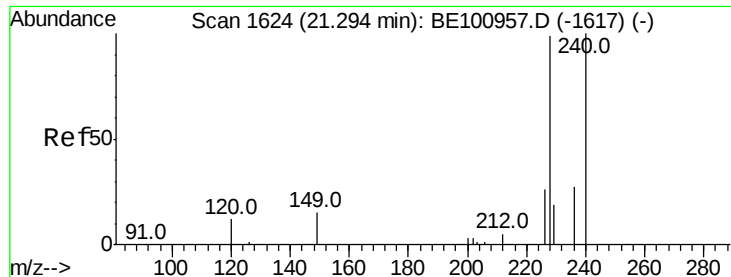
Ion Ratio Lower Upper

202 100

101 11.4 9.0 13.6

203 16.9 13.4 20.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Instrument :

BNA_E

ClientSampleId :

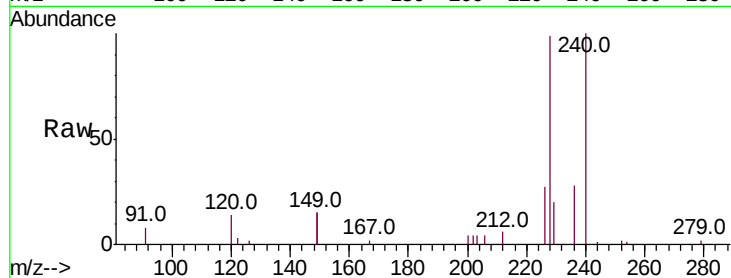
Tot Ion:240 Resp: 15024

Ion Ratio Lower Upper

240 100

120 14.4 11.5 17.3

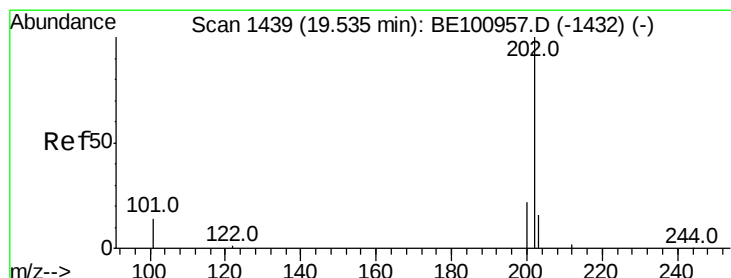
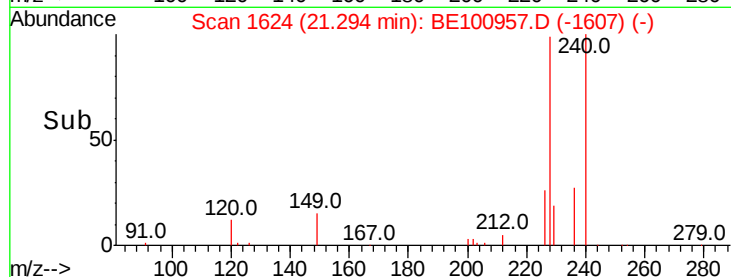
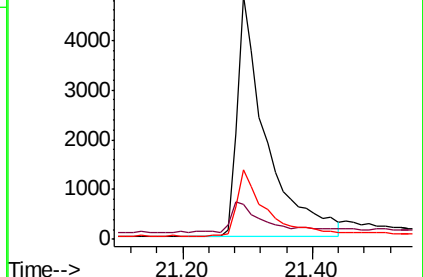
236 28.5 22.8 34.2



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: 0.489 ng

RT: 19.53 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

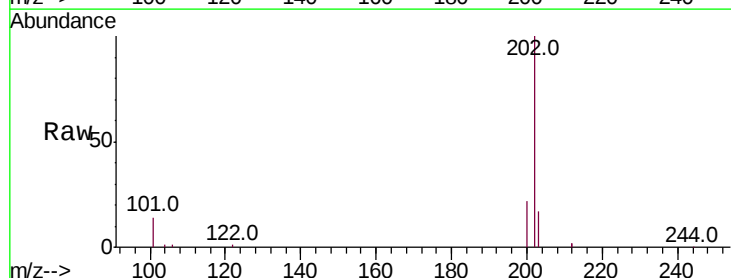
Tgt Ion:202 Resp: 23883

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

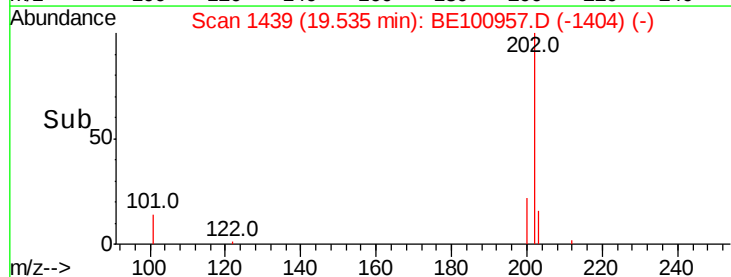
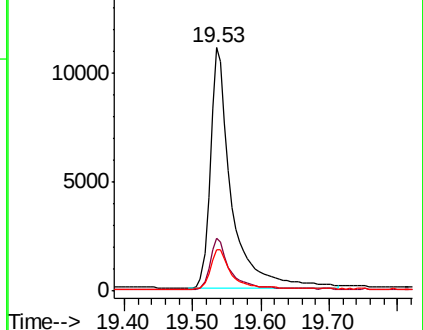
203 17.3 13.8 20.8

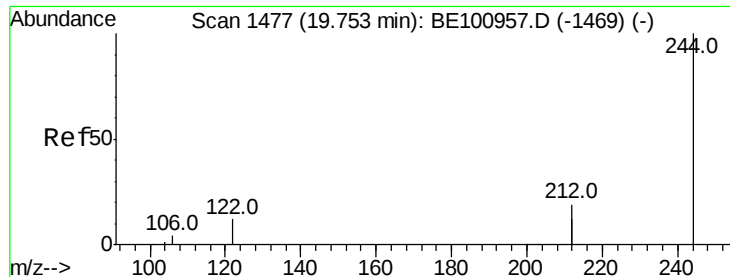


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.75 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Instrument :

BNA_E

ClientSampleId :

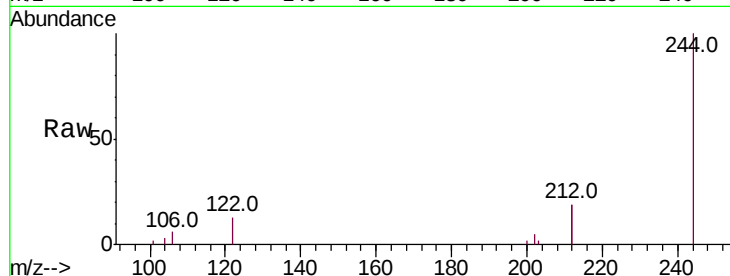
Tot Ion:244 Resp: 13887

Ion Ratio Lower Upper

244 100

212 37.7 30.2 45.2

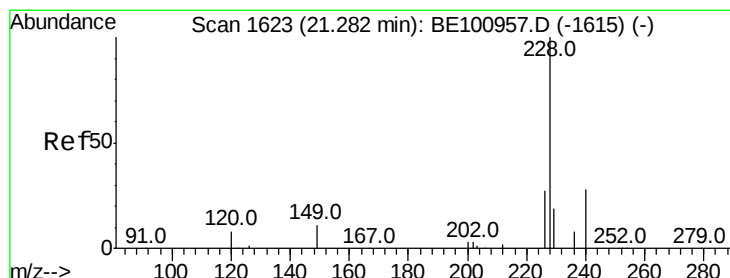
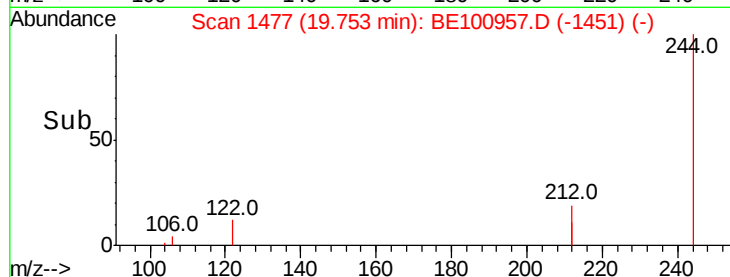
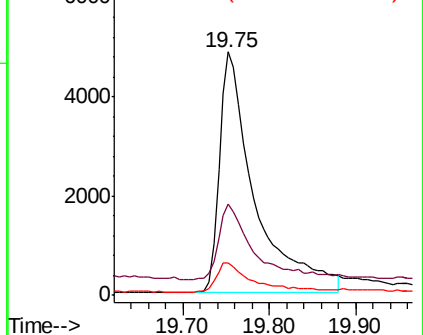
122 13.4 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.352 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

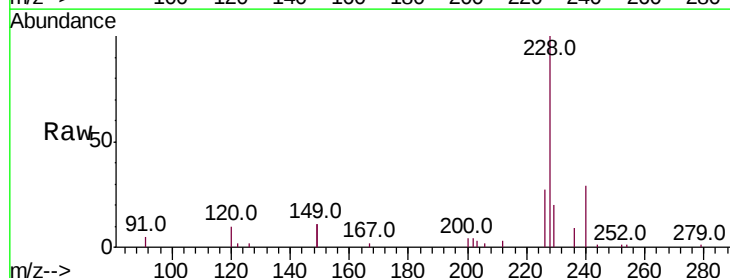
Tgt Ion:228 Resp: 15592

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

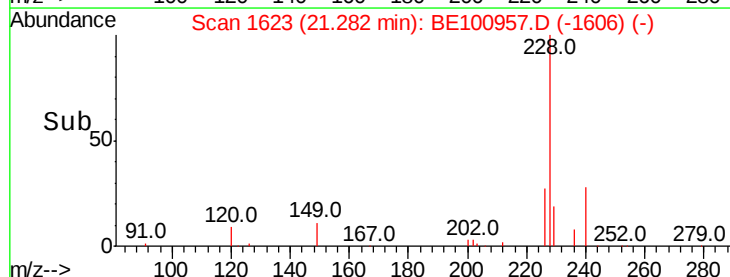
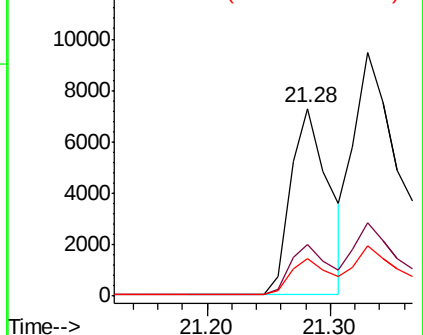
229 19.9 15.9 23.9

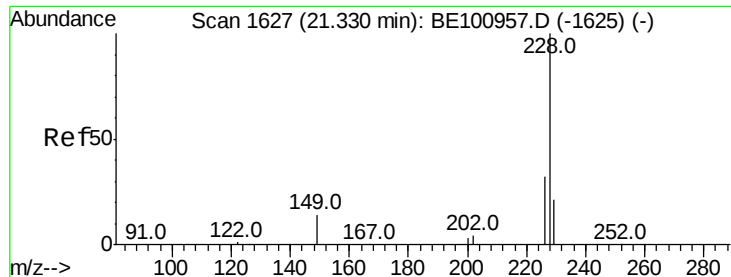


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

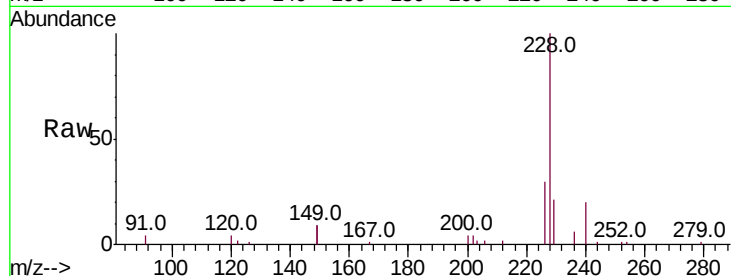
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 21389

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.7	16.6	24.8

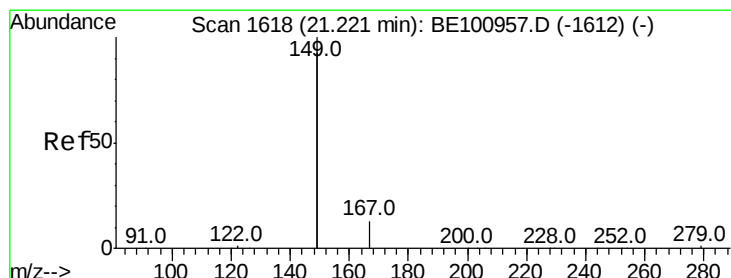
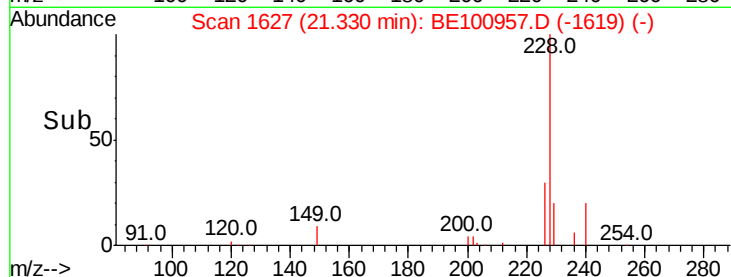
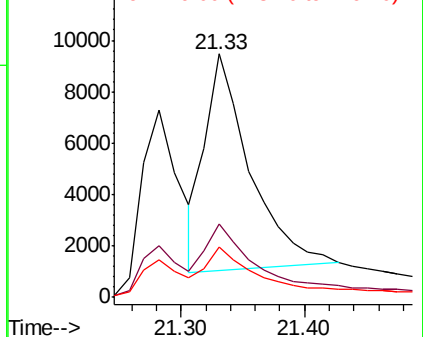


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.099 ng

RT: 21.22 min Scan# 1618

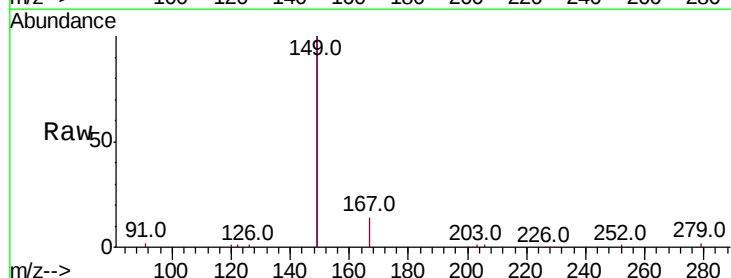
Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Tgt Ion:149 Resp: 44097

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.0	7.6
279	0.9	0.7	1.1

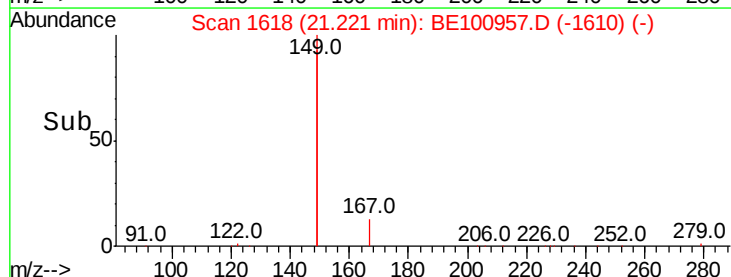
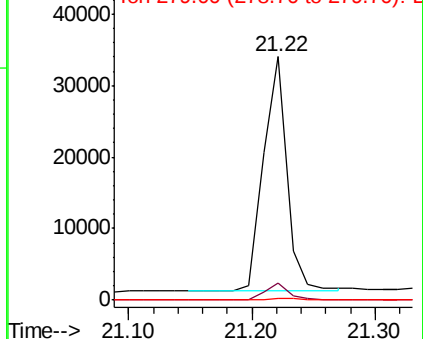


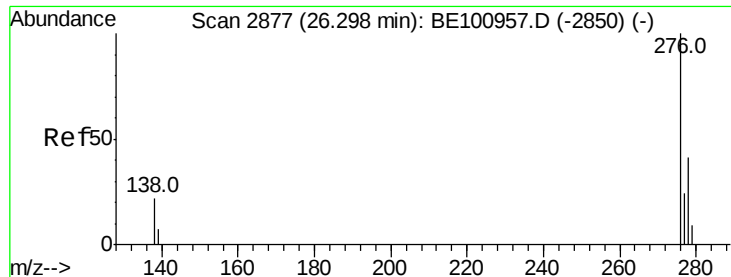
Abundance

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

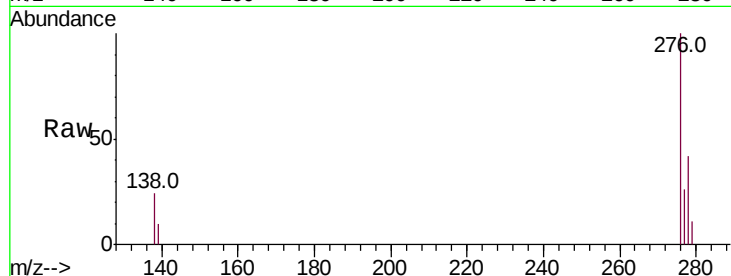




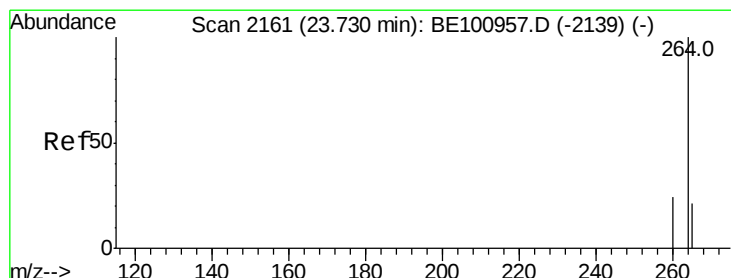
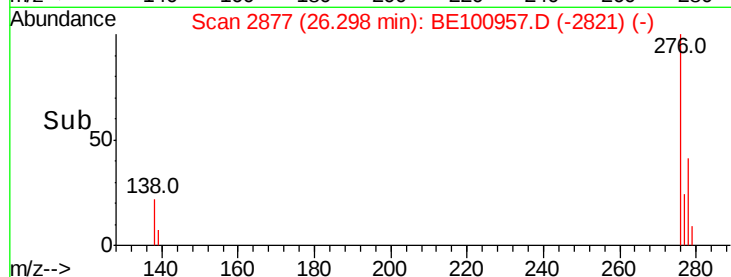
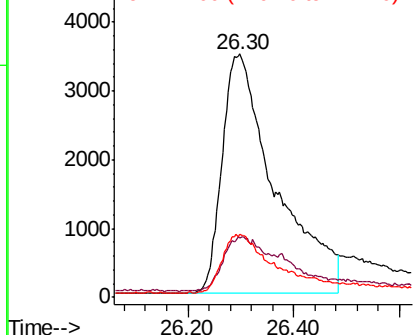
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.536 ng
 RT: 26.30 min Scan# 2877
 Delta R.T. 0.00 min
 Lab File: BE100957.D
 Acq: 19 Dec 2019 22:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 24283
 Ion Ratio Lower Upper
 276 100
 138 11.2 9.0 13.4
 277 7.4 5.9 8.9

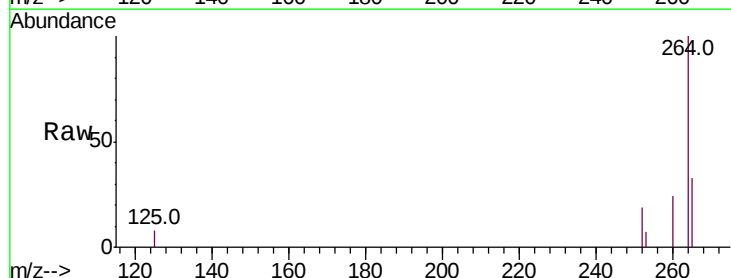


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

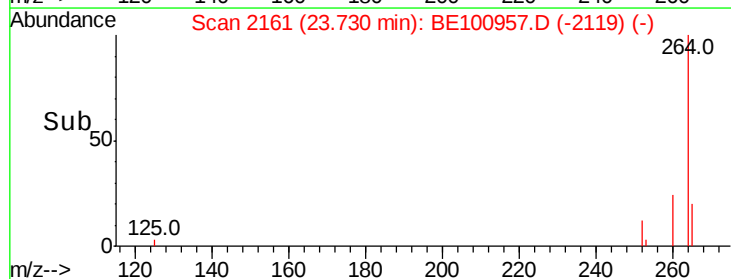
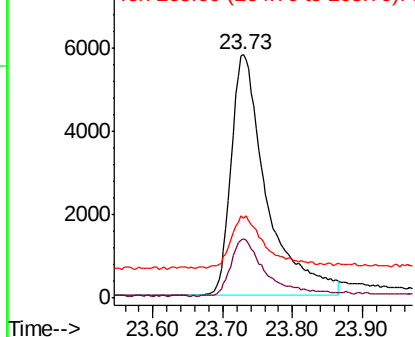


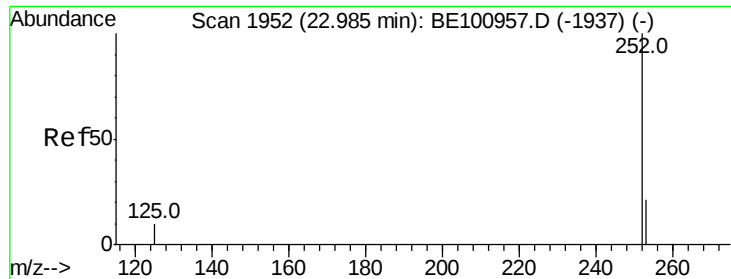
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BE100957.D
 Acq: 19 Dec 2019 22:06

Tgt Ion:264 Resp: 20385
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 33.0 26.4 39.6



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

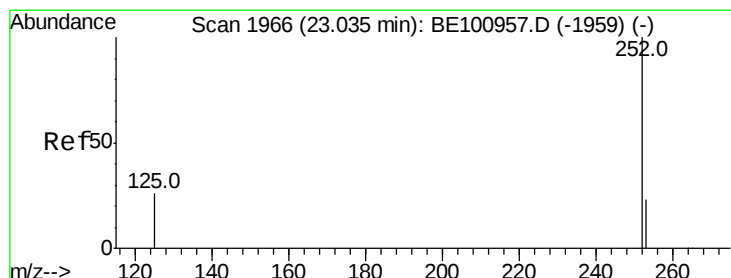
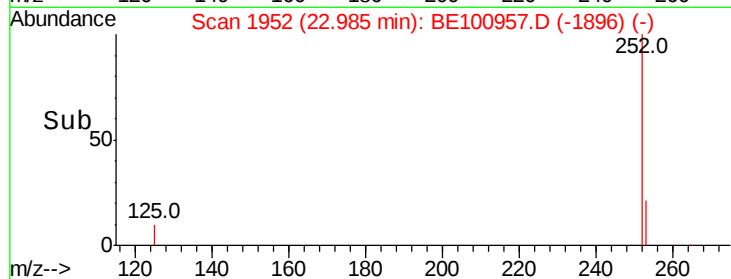
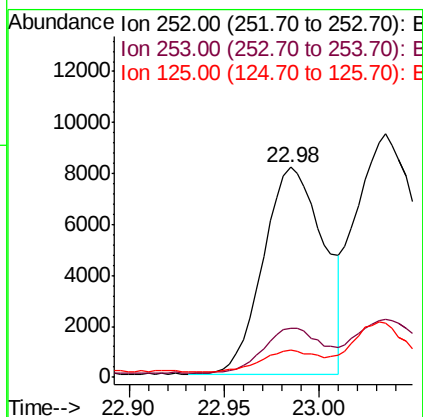
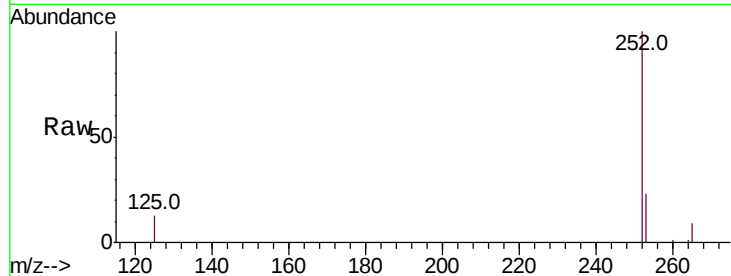




#35
Benzo(b)fluoranthene
Concen: 0.320 ng
RT: 22.98 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

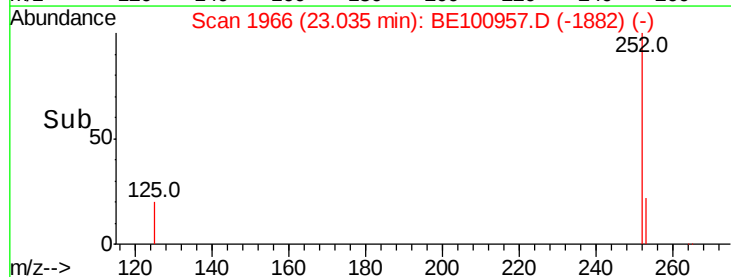
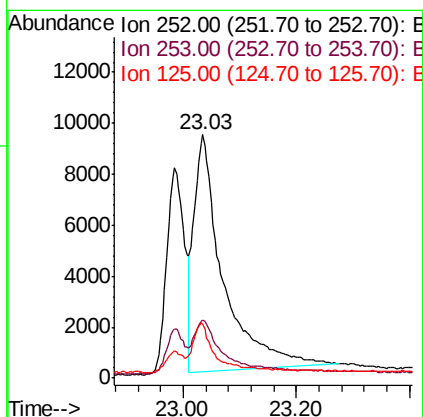
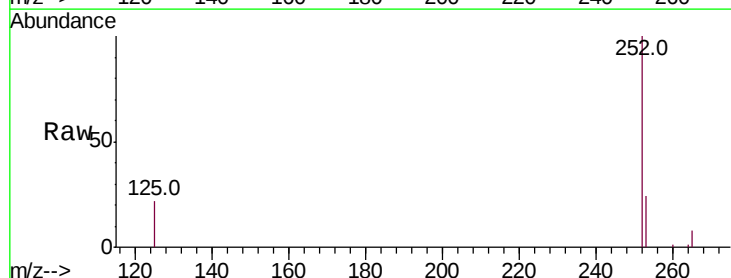
Instrument :
BNA_E
ClientSampleId :

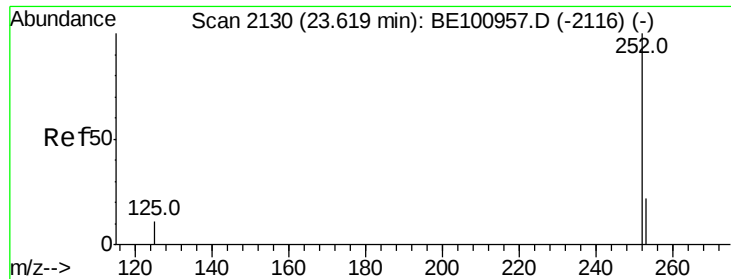
Tot Ion:252 Resp: 17878
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 12.7 10.2 15.2



#36
Benzo(k)fluoranthene
Concen: 0.531 ng
RT: 23.03 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

Tgt Ion:252 Resp: 33223
Ion Ratio Lower Upper
252 100
253 24.0 19.2 28.8
125 22.4 17.9 26.9

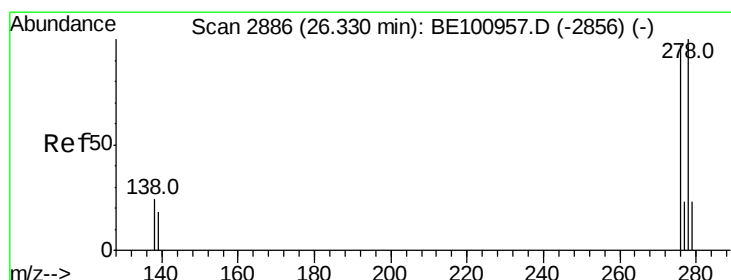
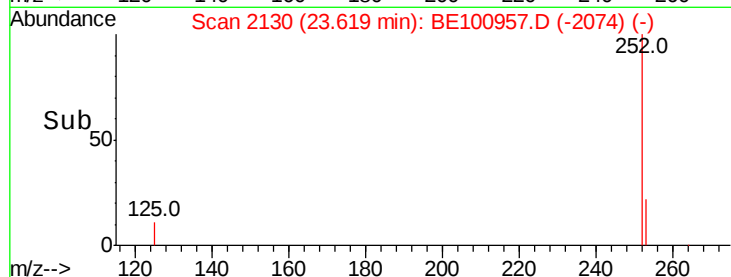
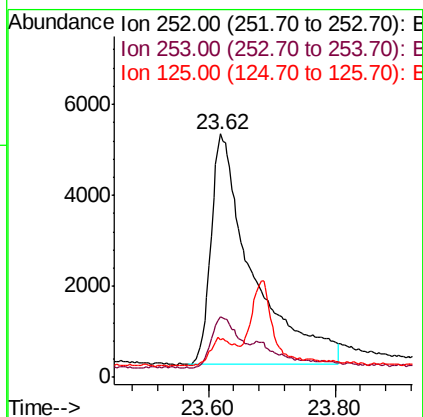
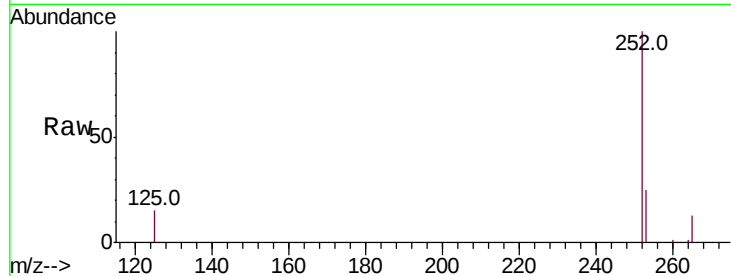




#37
Benzo(a)pyrene
Concen: 0.472 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

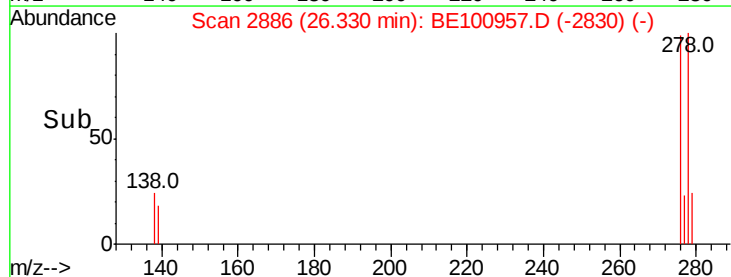
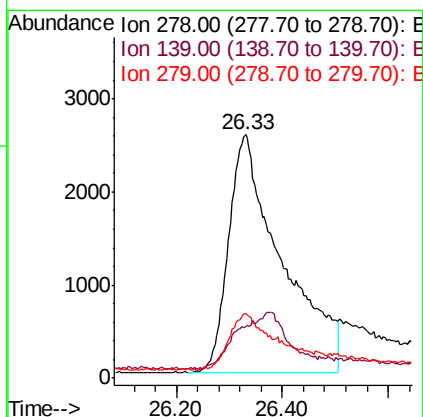
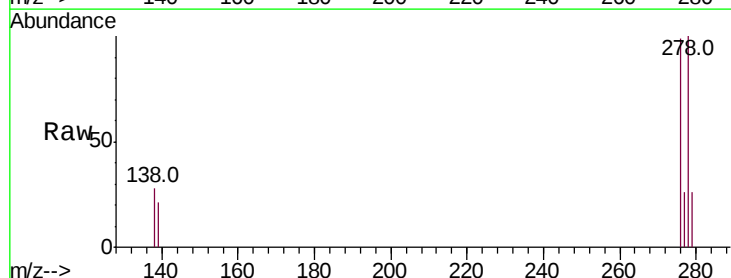
Instrument :
BNA_E
ClientSampleId :

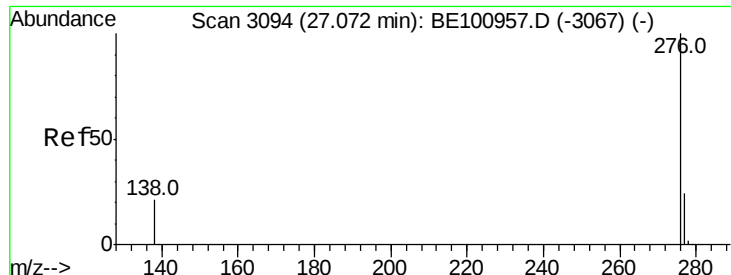
Tot Ion:252 Resp: 22794
Ion Ratio Lower Upper
252 100
253 24.9 19.9 29.9
125 15.4 12.3 18.5



#38
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 26.33 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BE100957.D
Acq: 19 Dec 2019 22:06

Tgt Ion:278 Resp: 17807
Ion Ratio Lower Upper
278 100
139 21.3 17.0 25.6
279 26.4 21.1 31.7





#39

Benzo(a,h,i)perylene

Concen: 0.448 ng

RT: 27.07 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BE100957.D

Acq: 19 Dec 2019 22:06

Instrument :

BNA_E

ClientSampleId :

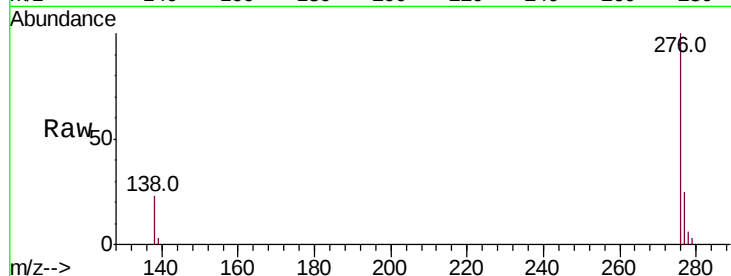
Tot Ion:276 Resp: 23049

Ion Ratio Lower Upper

276 100

277 24.9 19.9 29.9

138 23.0 18.4 27.6



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

