

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011020\
 Data File : BE101019.D
 Acq On : 10 Jan 2020 10:27
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 10 12:20:24 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3247	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	14774	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8975	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19397	0.40	ng	0.00
27) Chrysene-d12	21.28	240	15956	0.40	ng	0.00
34) Perylene-d12	23.70	264	18149	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2676	0.37	ng	0.00
5) Phenol-d6	6.92	99	3232	0.35	ng	0.00
8) Nitrobenzene-d5	8.87	82	3259	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	10748	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	741	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	13701	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	99413	0.37	ng	0.00
29) Terphenyl-d14	19.74	244	15868	0.41	ng	0.00

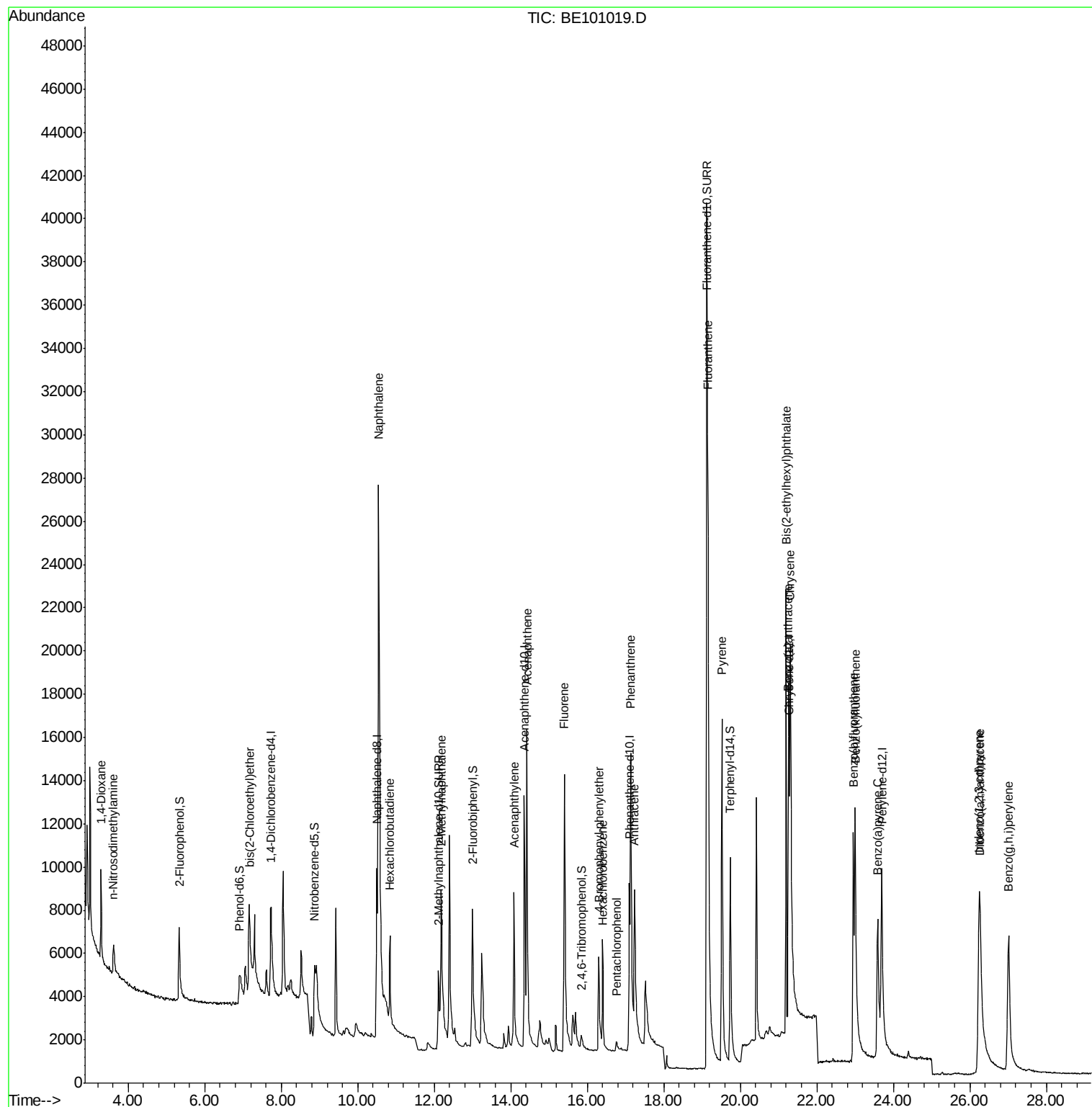
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	3097	0.393	ng	100
3) n-Nitrosodimethylamine	3.61	42	1609	0.357	ng	# 82
6) bis(2-Chloroethyl)ether	7.17	93	3805	0.346	ng	95
9) Naphthalene	10.55	128	66839	0.407	ng	100
10) Hexachlorobutadiene	10.85	225	2909	0.419	ng	96
12) 2-Methylnaphthalene	12.18	142	9634	0.388	ng	100
16) Acenaphthylene	14.08	152	12464	0.341	ng	99
17) Acenaphthene	14.43	154	10263	0.392	ng	99
18) Fluorene	15.39	166	12909	0.390	ng	98
20) 4-Bromophenyl-phenylether	16.31	248	3918	0.414	ng	95
21) Hexachlorobenzene	16.41	284	4330	0.417	ng	98
22) Pentachlorophenol	16.76	266	589	0.412	ng	99
23) Phenanthrene	17.14	178	20690	0.391	ng	100
24) Anthracene	17.23	178	18572	0.372	ng	99
26) Fluoranthene	19.15	202	24408	0.368	ng	99
28) Pyrene	19.52	202	24499	0.412	ng	100
30) Benzo(a)anthracene	21.26	228	13854	0.304	ng	98
31) Chrysene	21.31	228	30761	0.455	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	22403	0.295	ng	100
33) Indeno(1,2,3-cd)pyrene	26.24	276	22555	0.422	ng	97
35) Benzo(b)fluoranthene	22.95	252	17045	0.335	ng	99
36) Benzo(k)fluoranthene	23.00	252	26970	0.366	ng	98
37) Benzo(a)pyrene	23.59	252	17938	0.364	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	13966	0.308	ng	97
39) Benzo(g,h,i)perylene	27.01	276	20404	0.366	ng	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011020\
Data File : BE101019.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 10 12:20:24 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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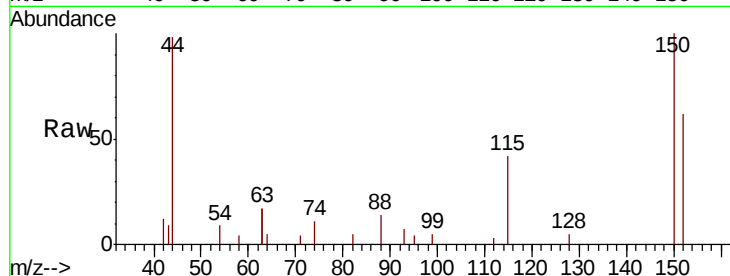


#1

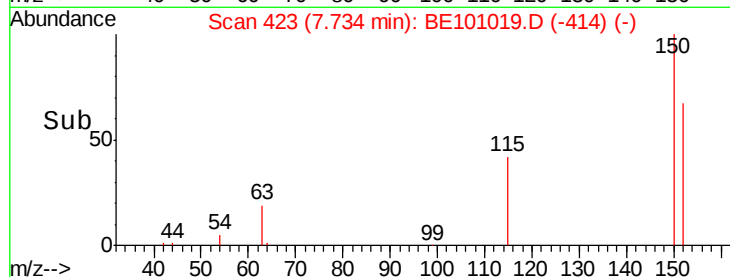
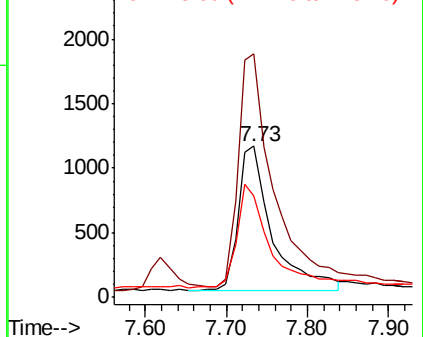
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 423
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 3247
Ion Ratio Lower Upper
152 100
150 161.5 120.3 180.5
115 67.1 51.7 77.5



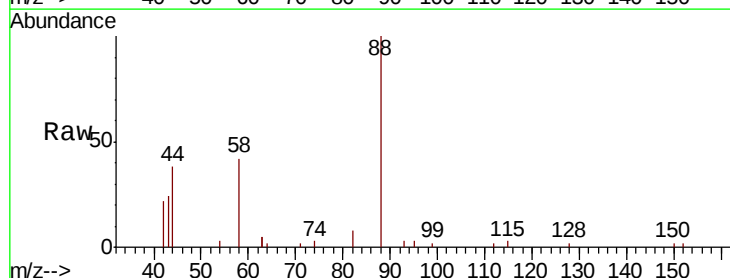
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



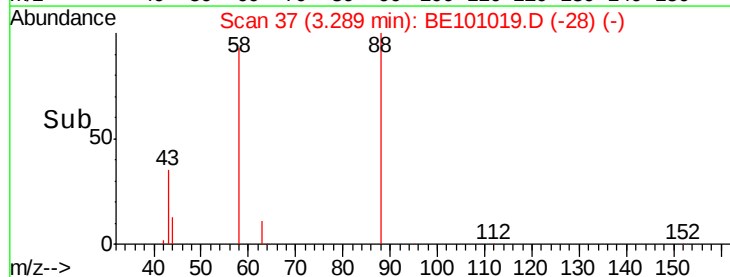
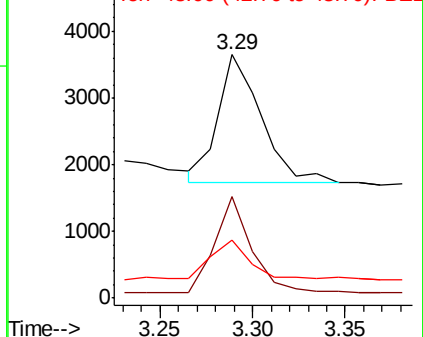
#2

1,4-Dioxane
Concen: 0.393 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion: 88 Resp: 3097
Ion Ratio Lower Upper
88 100
58 66.3 53.0 79.4
43 29.5 23.4 35.2



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



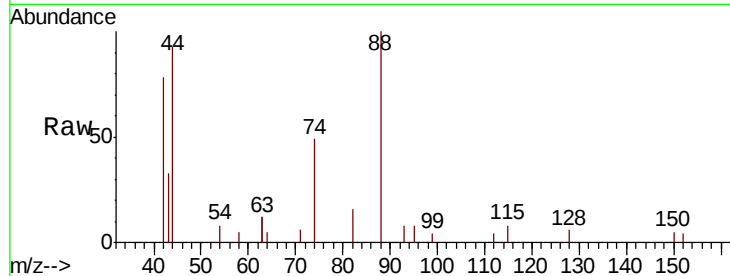


#3

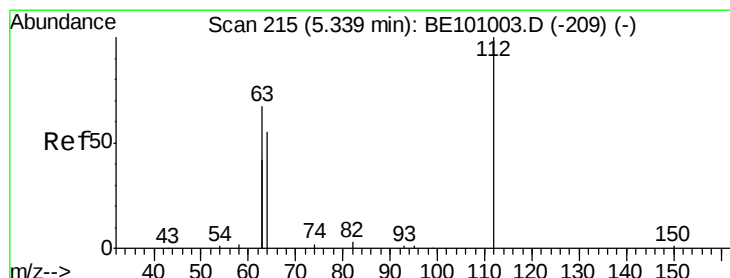
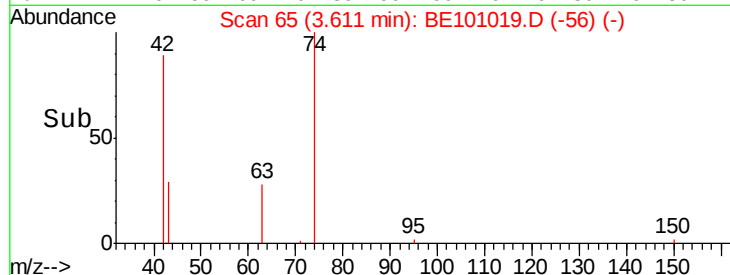
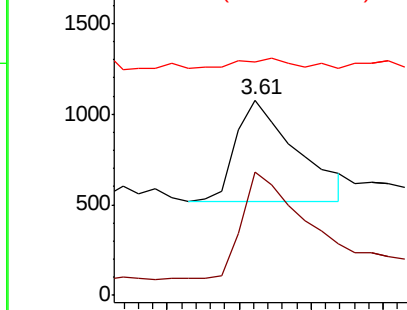
n-Nitrosodimethylamine
Concen: 0.357 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 1609
Ion Ratio Lower Upper
42 100
74 109.6 105.7 158.5
44 8.3 10.0 15.0#



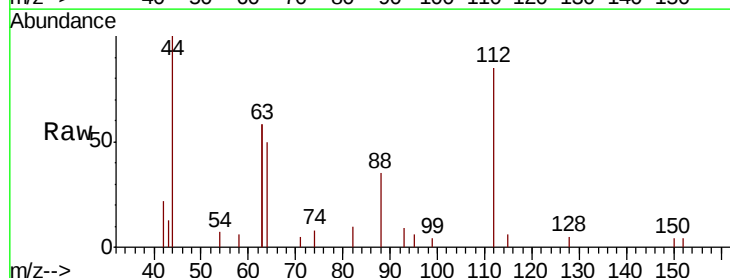
Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



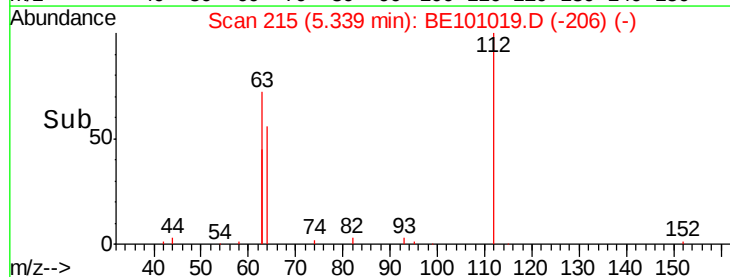
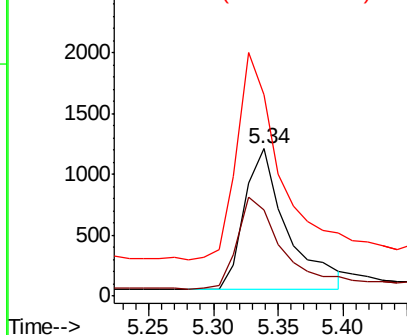
#4

2-Fluorophenol
Concen: 0.366 ng
RT: 5.34 min Scan# 215
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion: 112 Resp: 2676
Ion Ratio Lower Upper
112 100
64 69.1 53.6 80.4
63 147.5 114.6 172.0



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: 0.350 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :

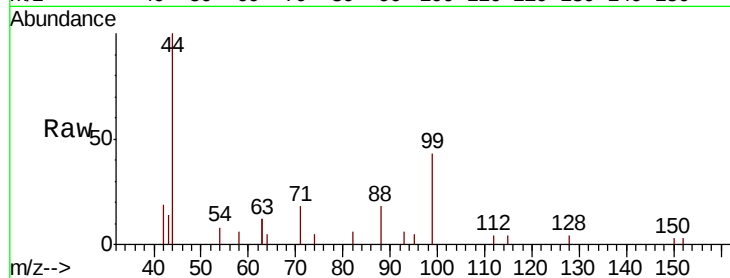
Tot Ion: 99 Resp: 3232

Ion Ratio Lower Upper

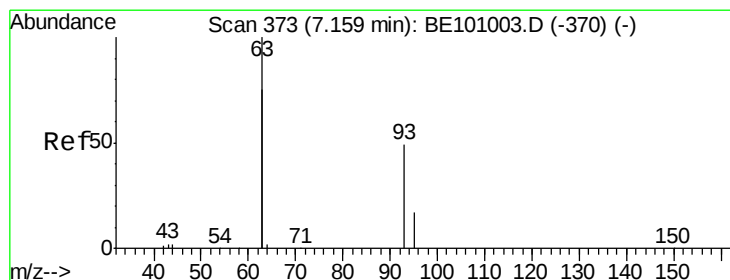
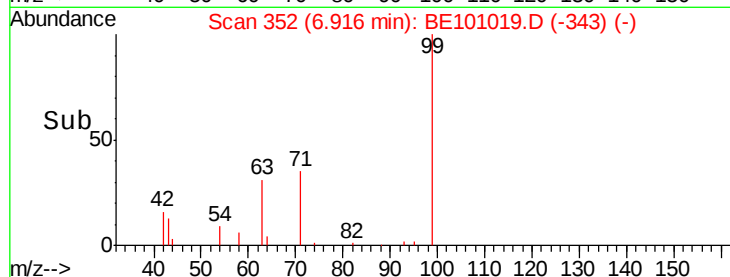
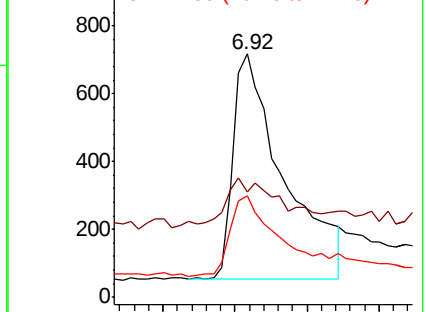
99 100

42 20.3 18.3 27.5

71 35.8 28.0 42.0



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: 0.346 ng

RT: 7.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

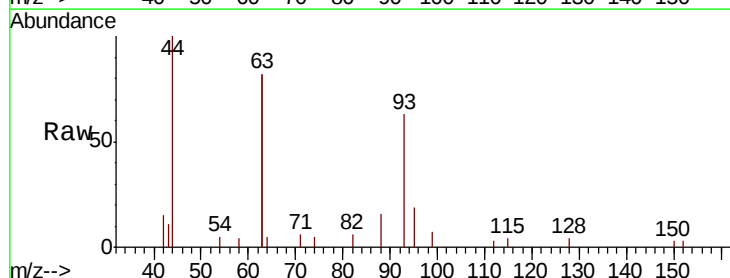
Tgt Ion: 93 Resp: 3805

Ion Ratio Lower Upper

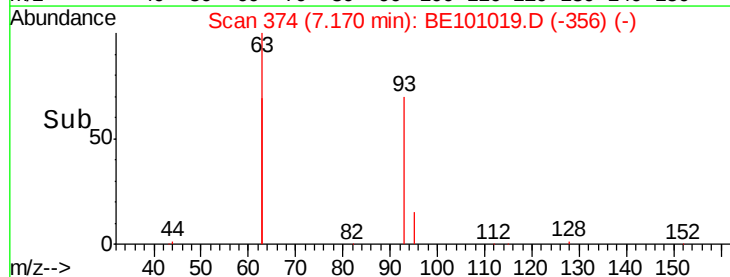
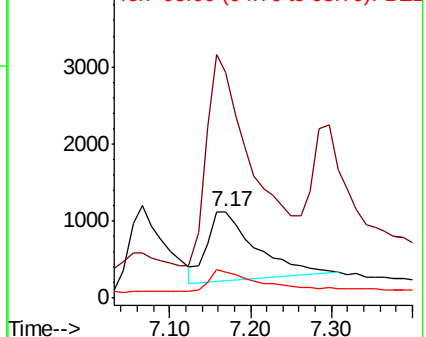
93 100

63 282.1 233.9 350.9

95 32.6 23.5 35.3



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: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14774

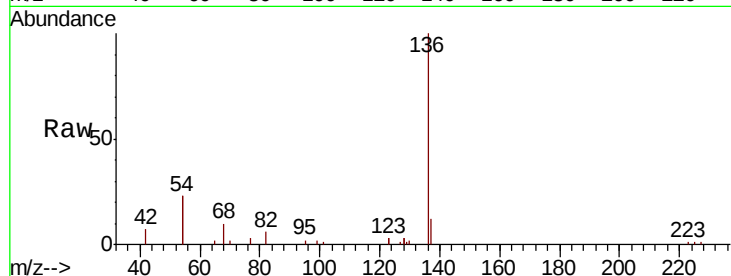
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 46.1 36.8 55.2

68 9.7 8.4 12.6

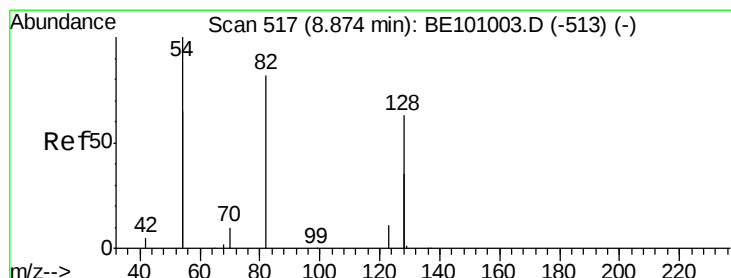
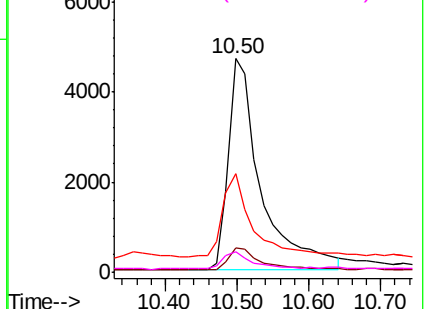
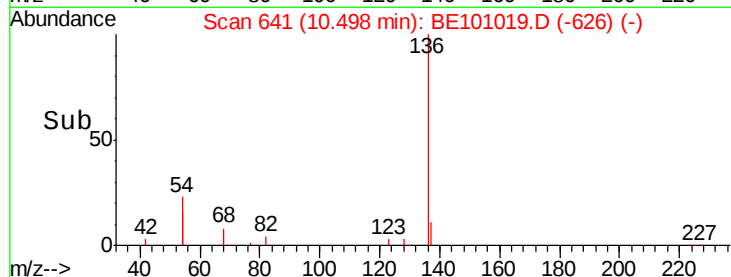


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.308 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

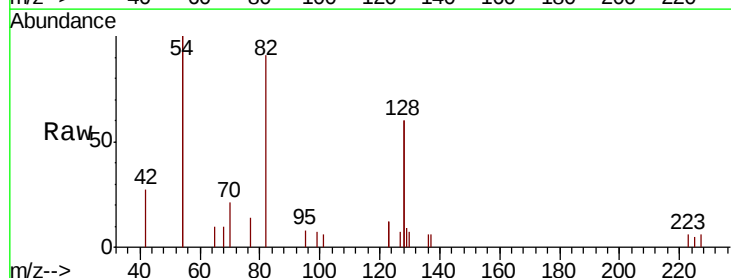
Tgt Ion: 82 Resp: 3259

Ion Ratio Lower Upper

82 100

128 131.4 109.8 164.6

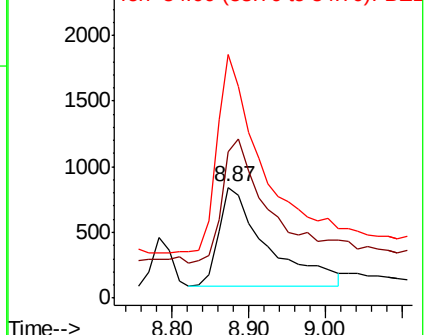
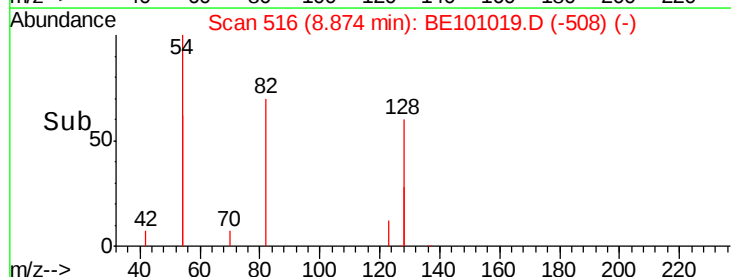
54 219.1 174.5 261.7

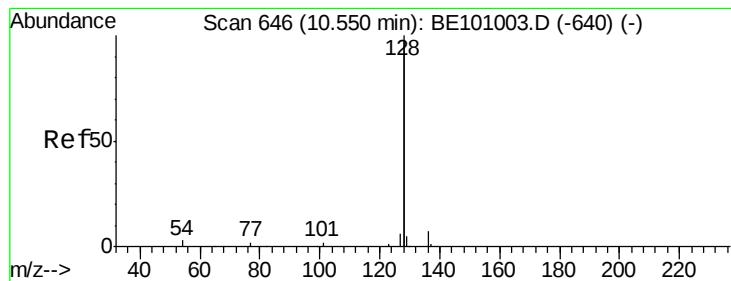


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.407 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :

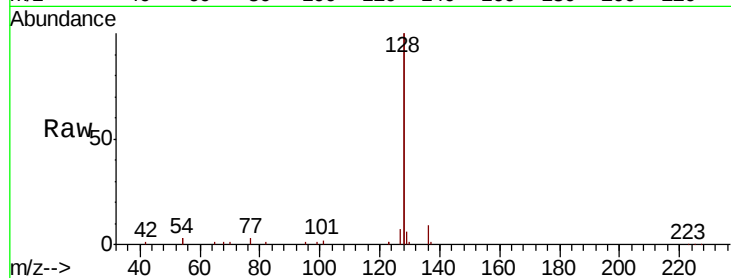
Tot Ion:128 Resp: 66839

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

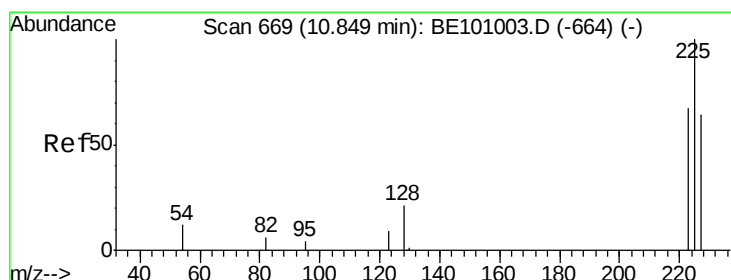
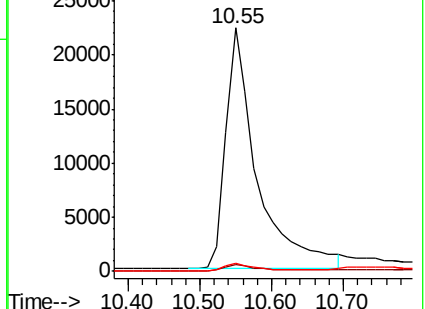
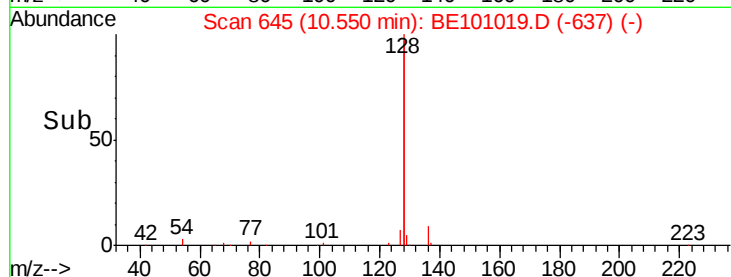
127 3.5 2.7 4.1



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: 0.419 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

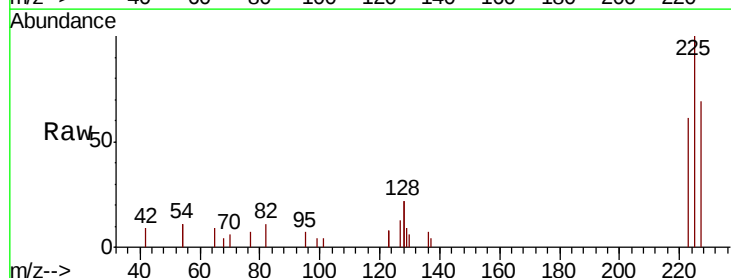
Tgt Ion:225 Resp: 2909

Ion Ratio Lower Upper

225 100

223 61.0 52.2 78.4

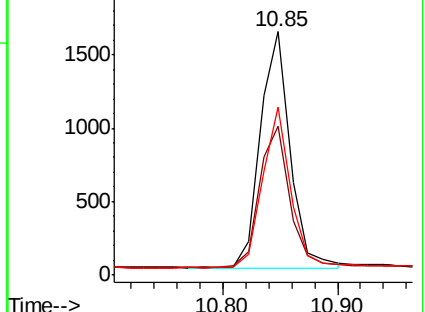
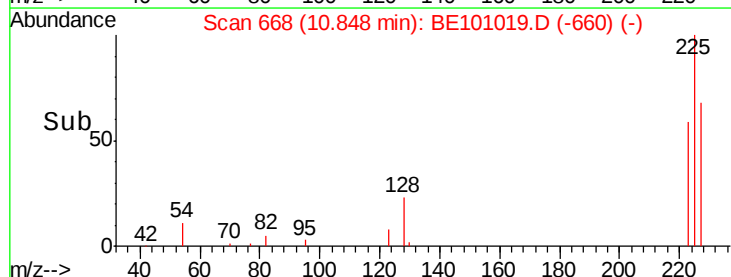
227 64.3 49.9 74.9



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

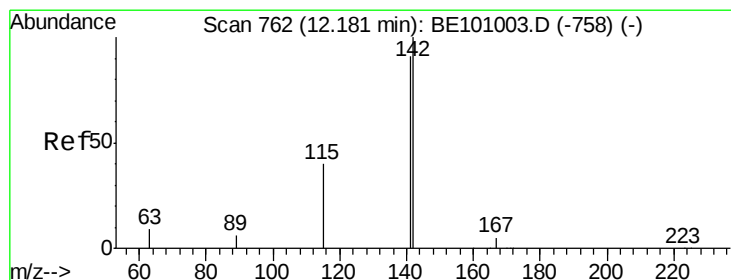
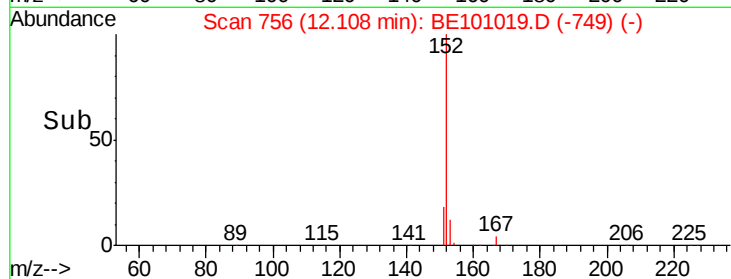
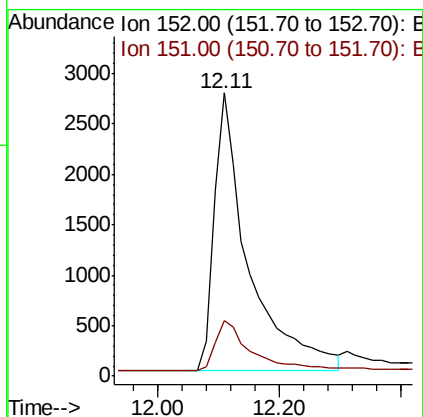
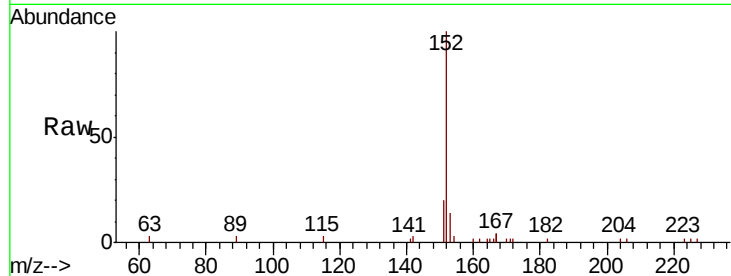




#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 12.11 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BE101019.D
 Acq: 10 Jan 2020 10:27

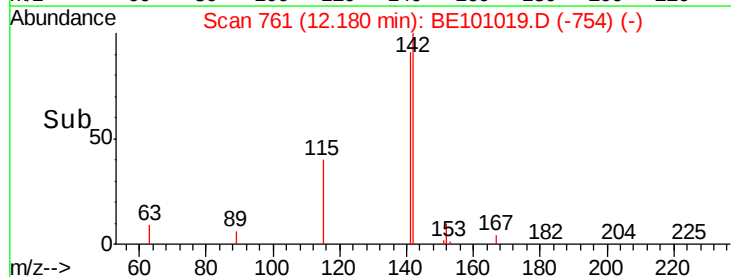
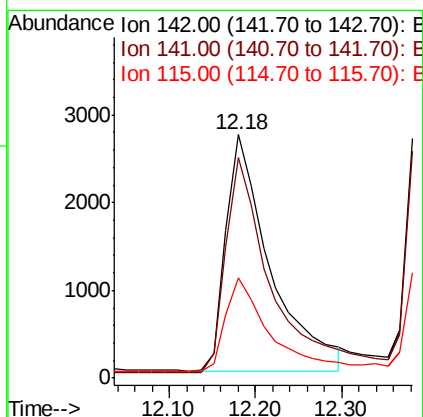
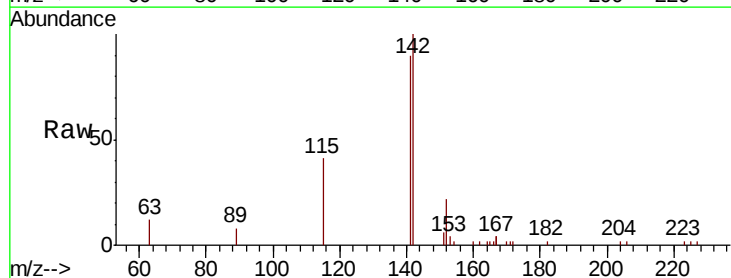
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 10748
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.388 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE101019.D
 Acq: 10 Jan 2020 10:27

Tgt Ion:142 Resp: 9634
 Ion Ratio Lower Upper
 142 100
 141 90.4 72.5 108.7
 115 41.1 33.0 49.6

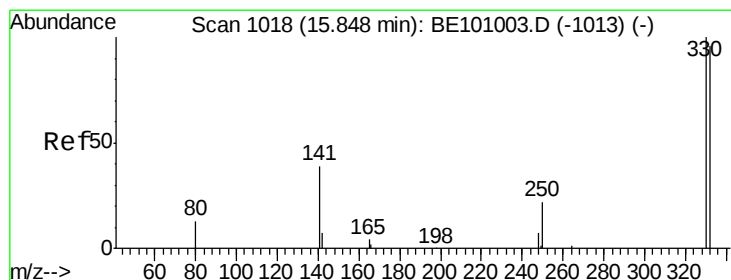
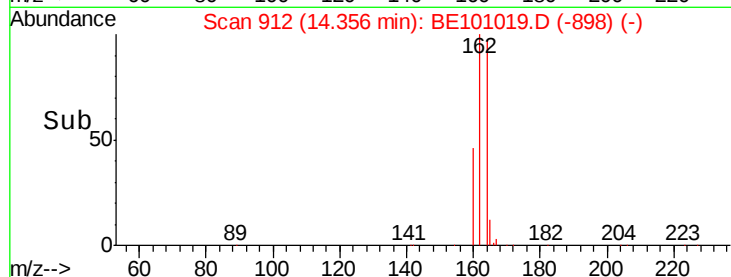
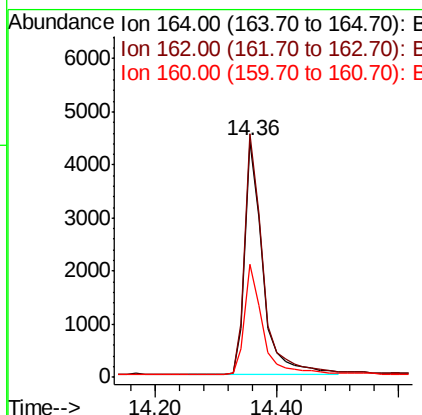
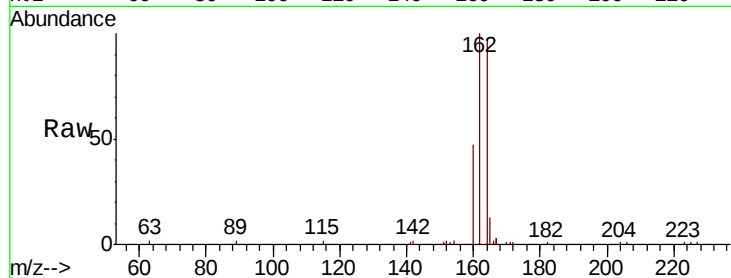




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101019.D
 Acq: 10 Jan 2020 10:27

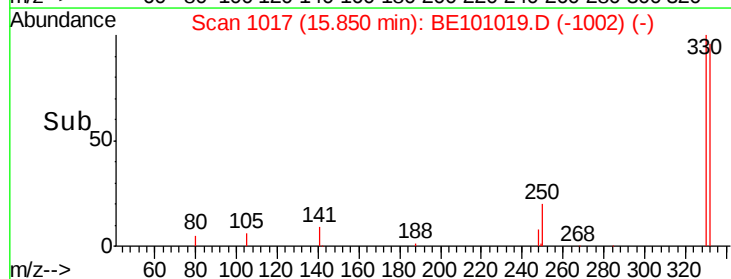
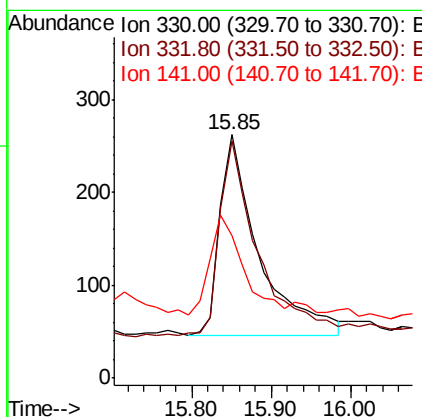
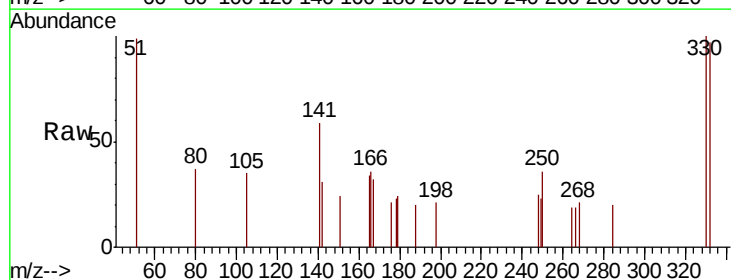
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 8975
 Ion Ratio Lower Upper
 164 100
 162 103.2 84.1 126.1
 160 48.1 40.4 60.6



#14
 2,4,6-Tribromophenol
 Concen: 0.293 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101019.D
 Acq: 10 Jan 2020 10:27

Tgt Ion:330 Resp: 741
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.4 117.6
 141 45.3 37.0 55.4

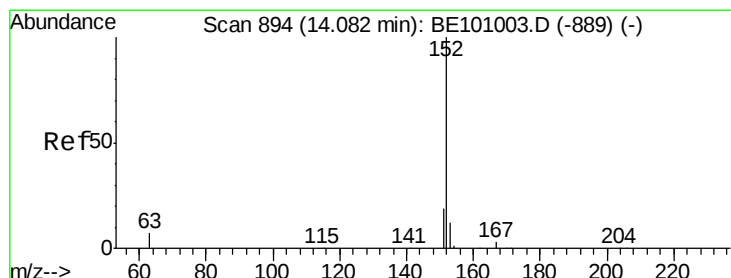
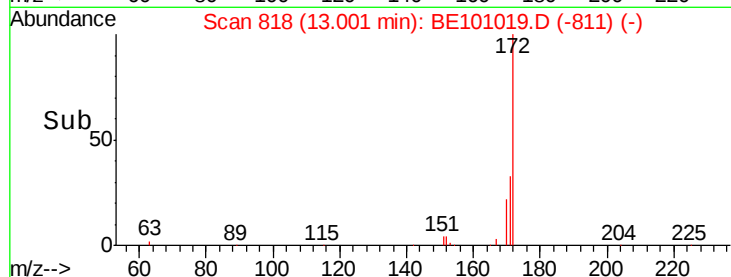
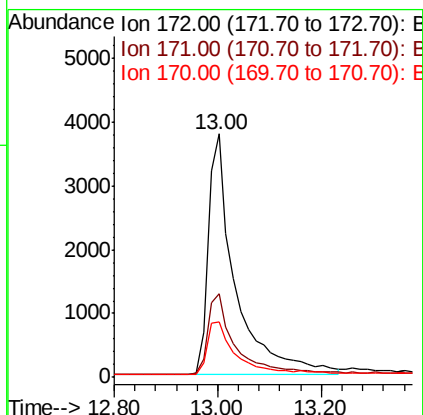
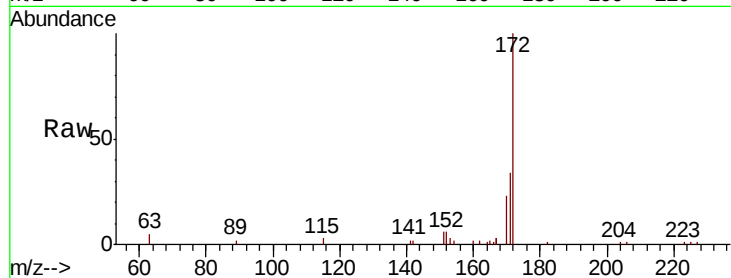




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

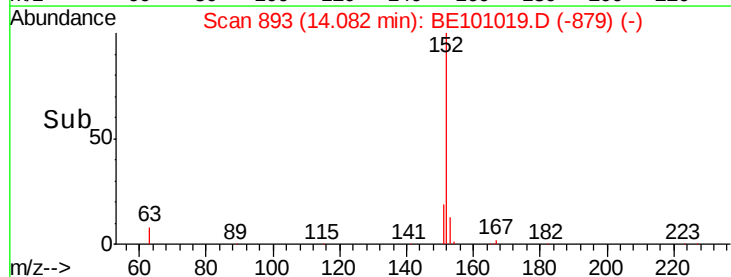
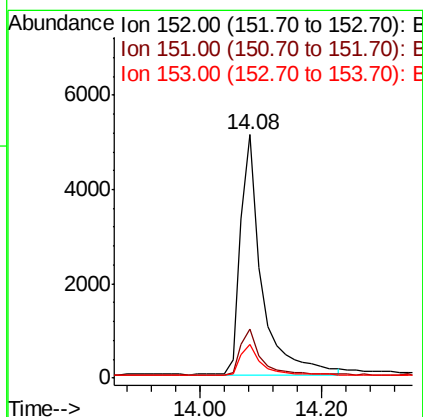
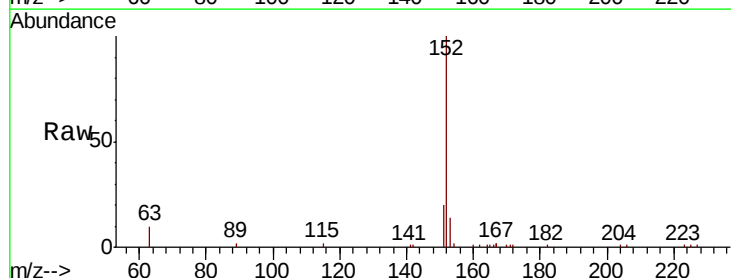
Instrument :
BNA_E
ClientSampleId :

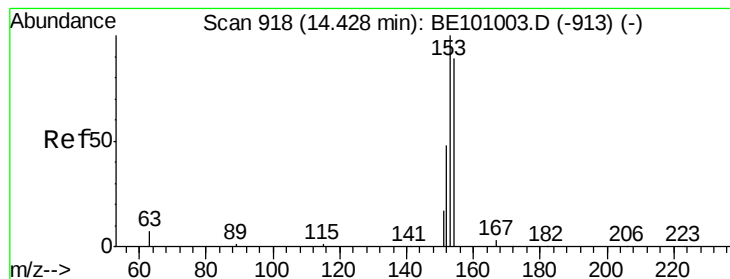
Tot Ion:172 Resp: 13701
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.9 18.9 28.3



#16
Acenaphthylene
Concen: 0.341 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:152 Resp: 12464
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.7 10.4 15.6





#17

Acenaphthene

Concen: 0.392 ng

RT: 14.43 min Scan# 917

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :

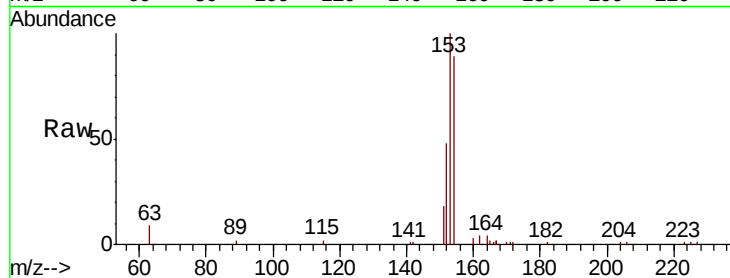
Tot Ion:154 Resp: 10263

Ion Ratio Lower Upper

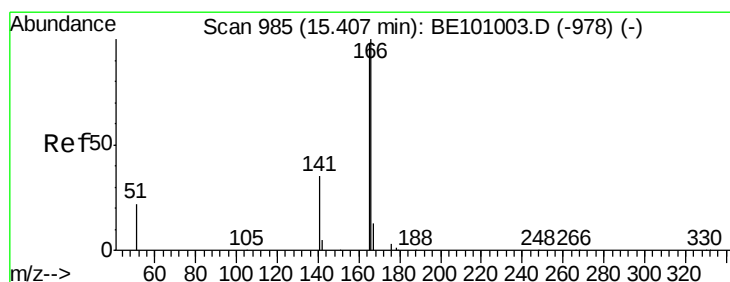
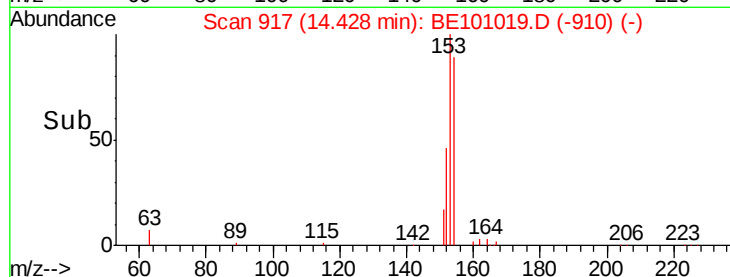
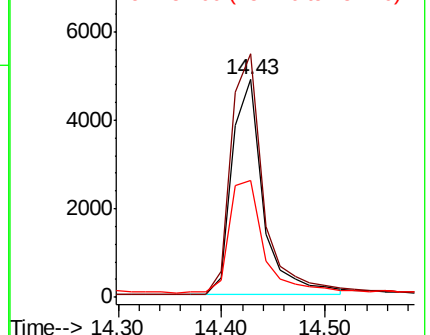
154 100

153 115.9 93.6 140.4

152 56.9 46.3 69.5



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: 0.390 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

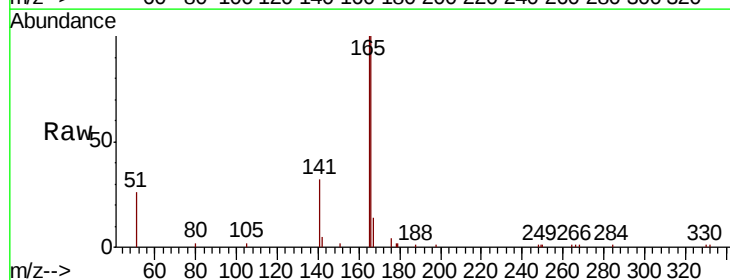
Tgt Ion:166 Resp: 12909

Ion Ratio Lower Upper

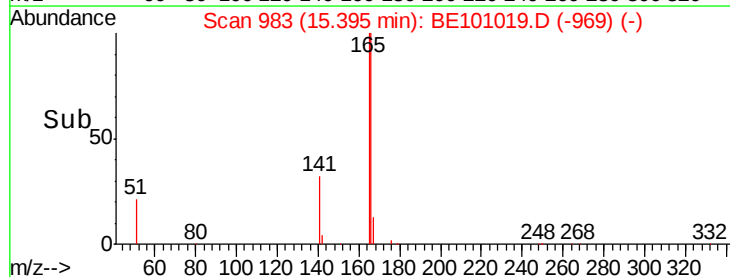
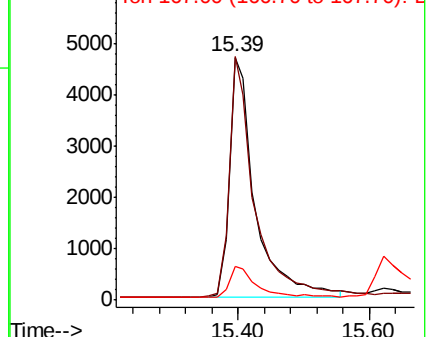
166 100

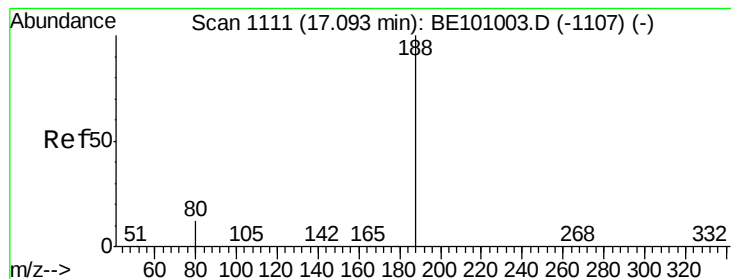
165 98.1 79.8 119.8

167 13.4 11.0 16.6



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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :

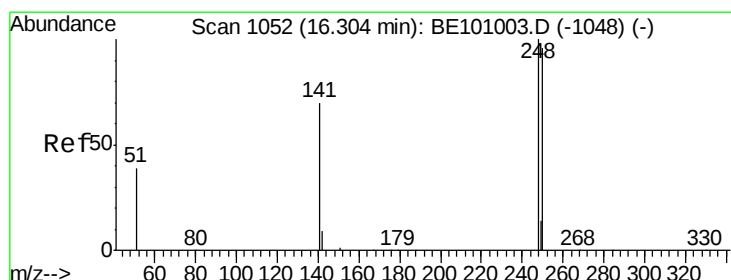
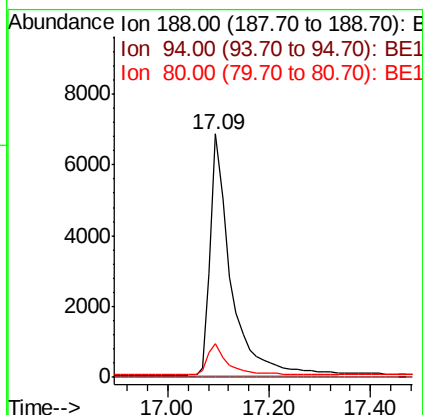
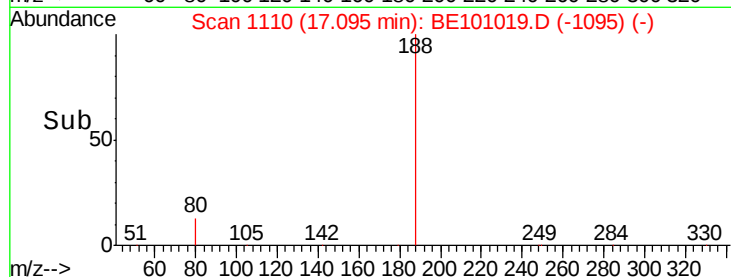
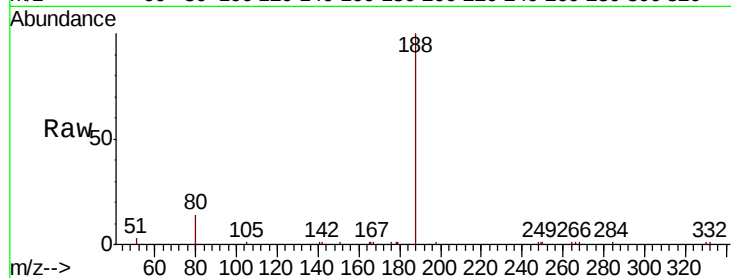
Tot Ion:188 Resp: 19397

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 10.8 16.2



#20

4-Bromophenyl-phenylether

Concen: 0.414 ng

RT: 16.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

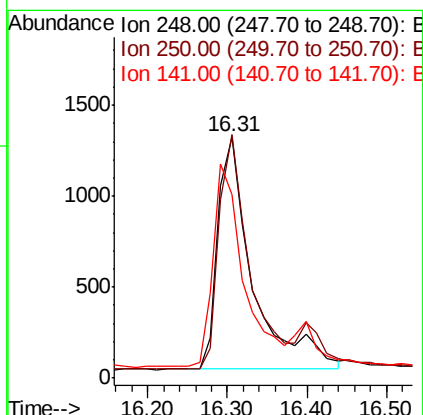
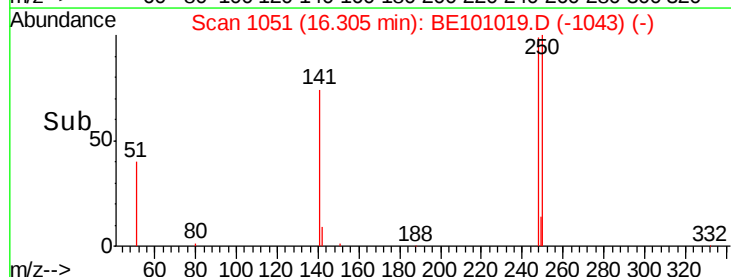
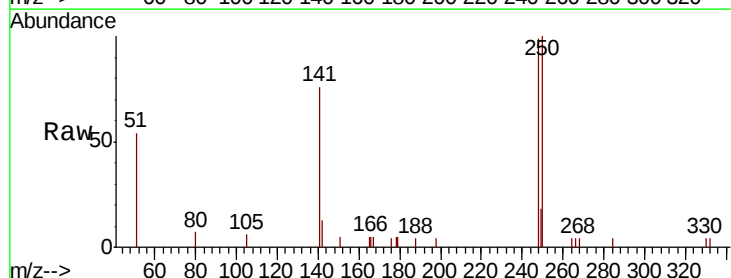
Tgt Ion:248 Resp: 3918

Ion Ratio Lower Upper

248 100

250 100.8 76.6 115.0

141 76.1 57.7 86.5

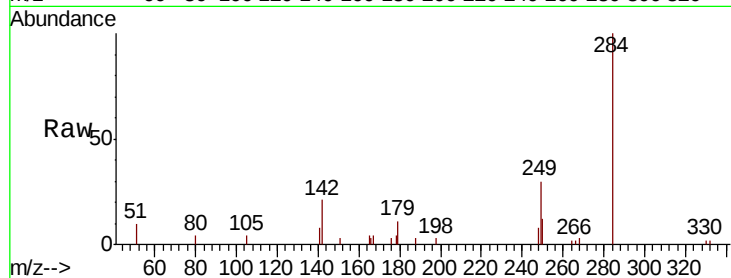




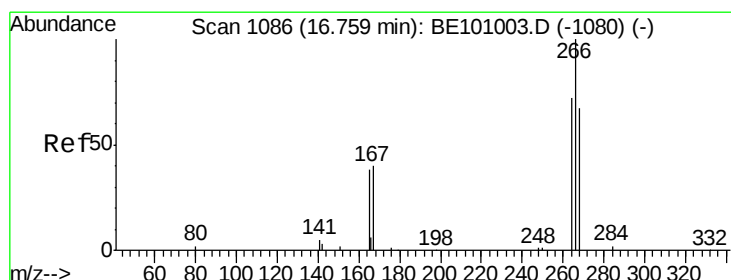
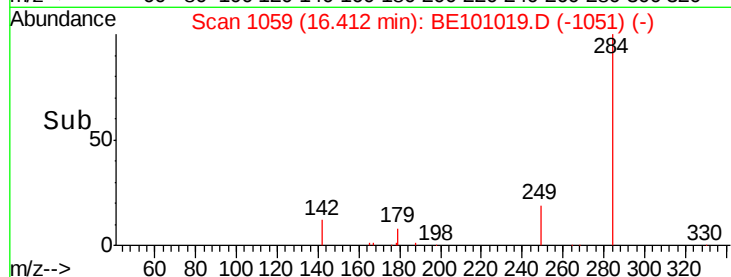
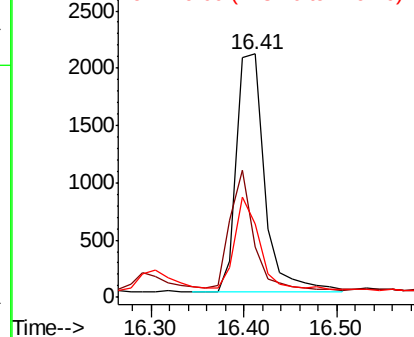
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 4330
Ion Ratio Lower Upper
284 100
142 42.5 34.0 51.0
249 33.3 28.2 42.4

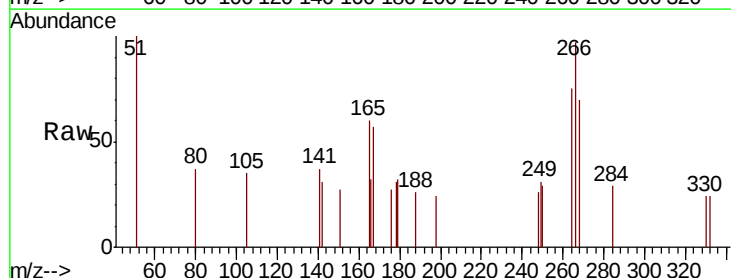


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

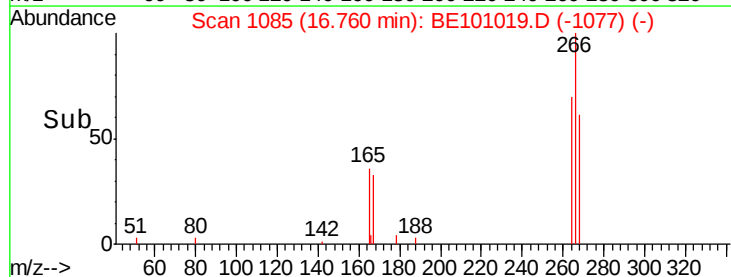
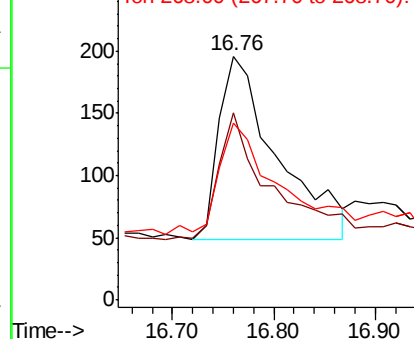


#22
Pentachlorophenol
Concen: 0.412 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:266 Resp: 589
Ion Ratio Lower Upper
266 100
264 77.0 61.0 91.4
268 72.4 58.5 87.7



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: 0.391 ng

RT: 17.14 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampled :

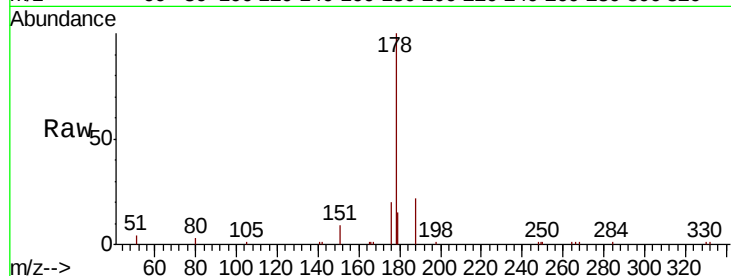
Tot Ion:178 Resp: 20690

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

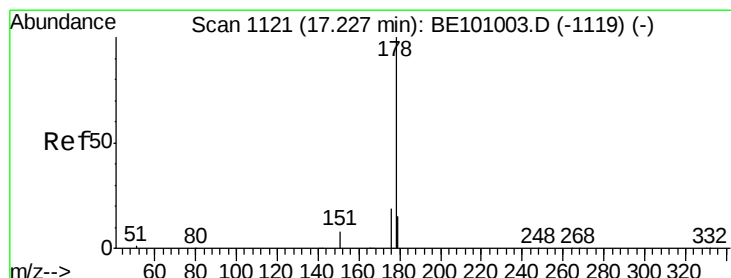
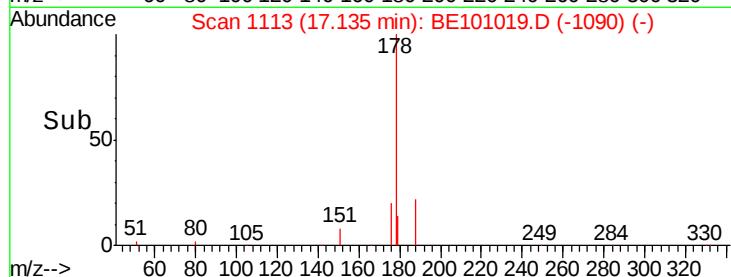
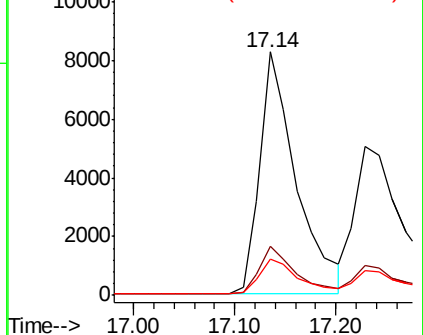
179 15.1 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.372 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

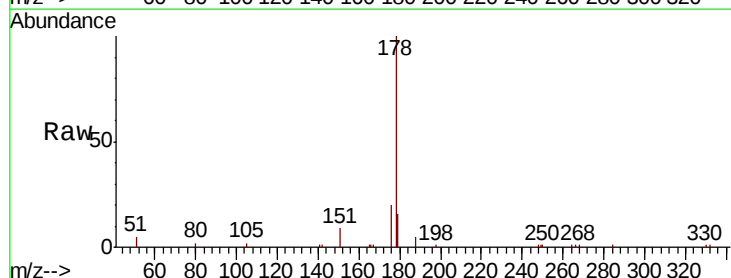
Tgt Ion:178 Resp: 18572

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

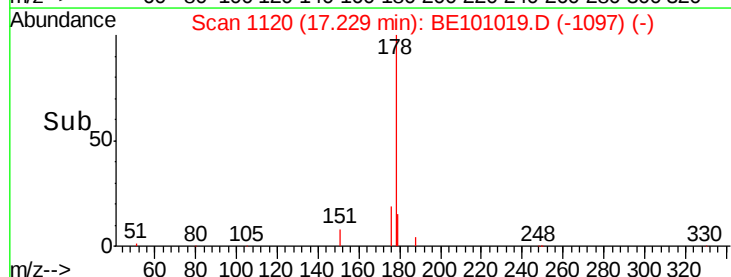
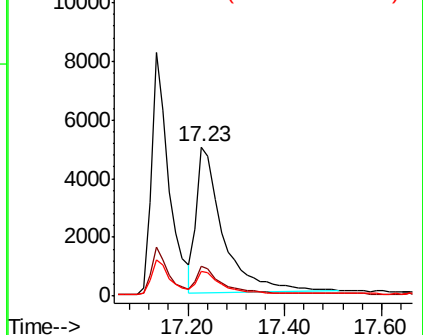
179 14.7 12.4 18.6

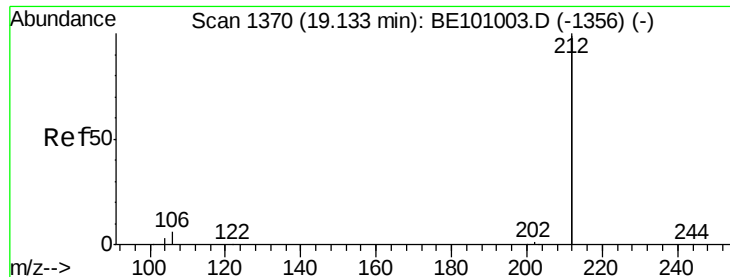


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :

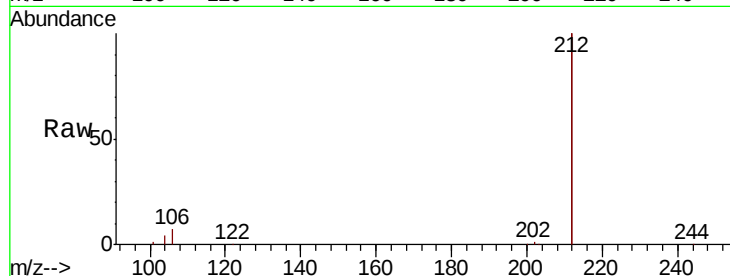
Tot Ion:212 Resp: 99413

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

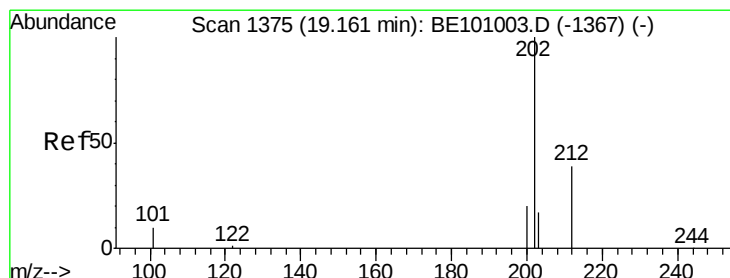
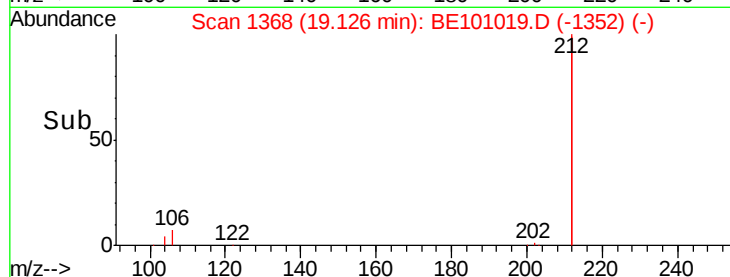
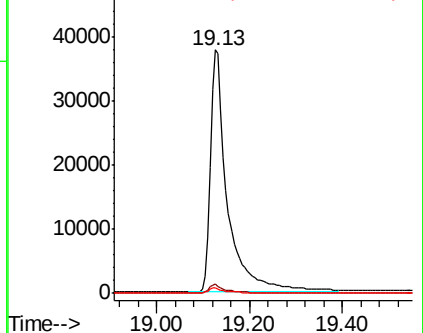
104 1.8 1.4 2.0



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: 0.368 ng

RT: 19.15 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

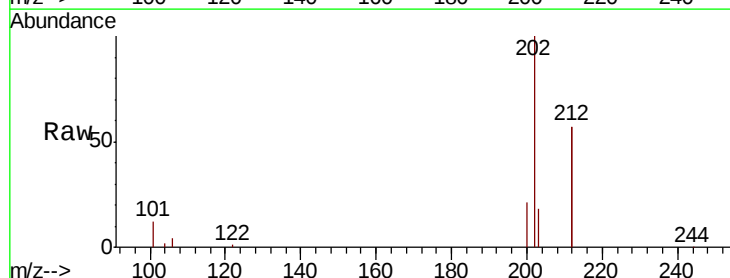
Tgt Ion:202 Resp: 24408

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

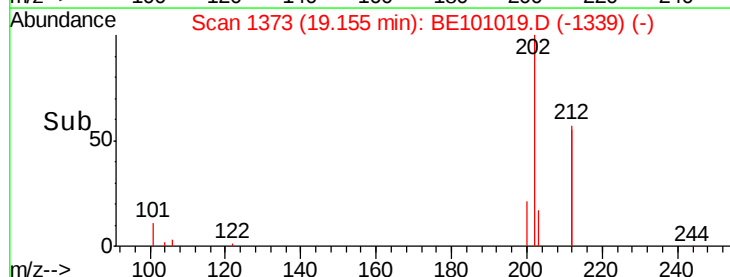
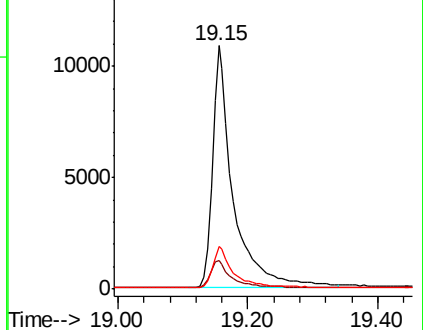
203 16.6 13.8 20.6



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: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :

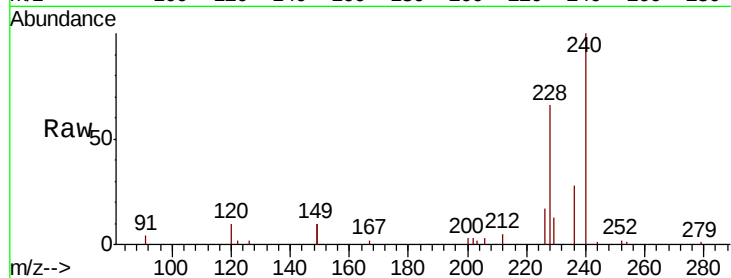
Tot Ion:240 Resp: 15956

Ion Ratio Lower Upper

240 100

120 10.2 8.6 13.0

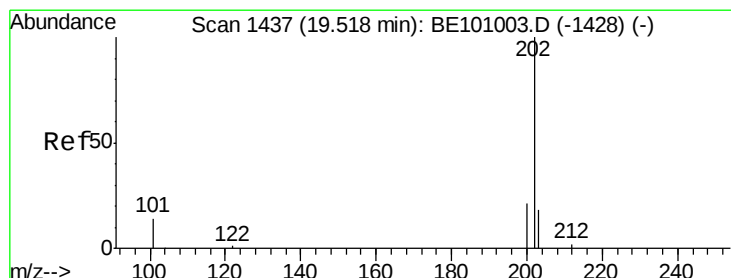
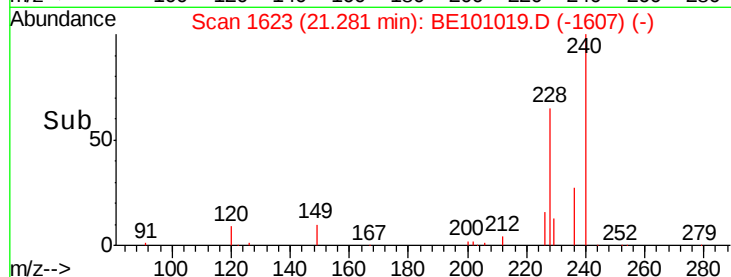
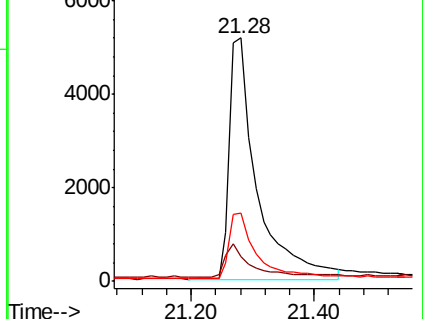
236 28.1 22.2 33.4



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: 0.412 ng

RT: 19.52 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

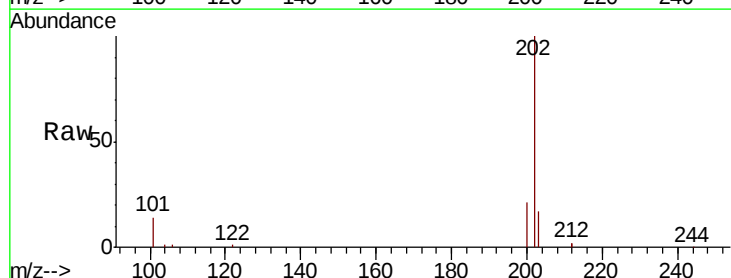
Tgt Ion:202 Resp: 24499

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

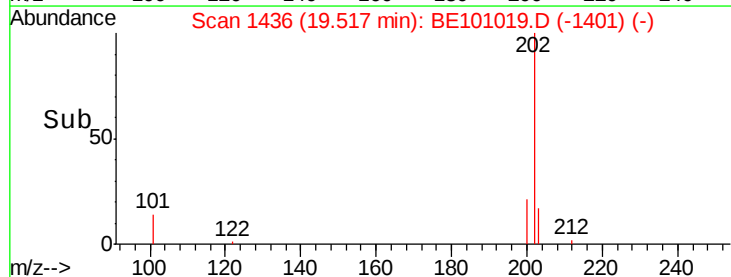
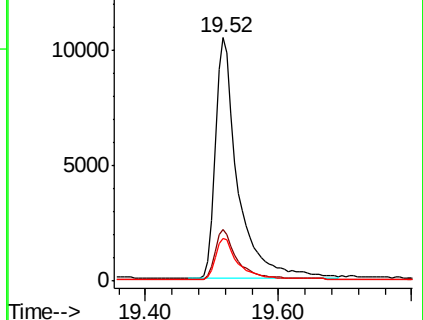
203 17.1 13.8 20.6



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: 0.405 ng

RT: 19.74 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :

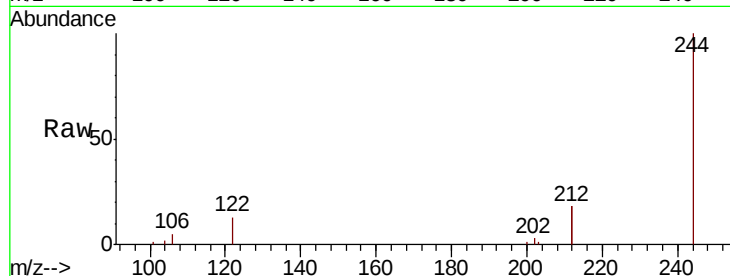
Tot Ion:244 Resp: 15868

Ion Ratio Lower Upper

244 100

212 36.1 27.2 40.8

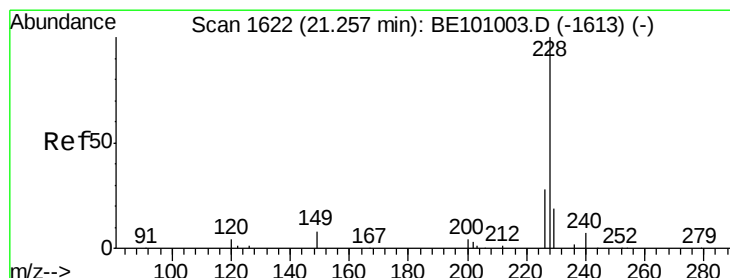
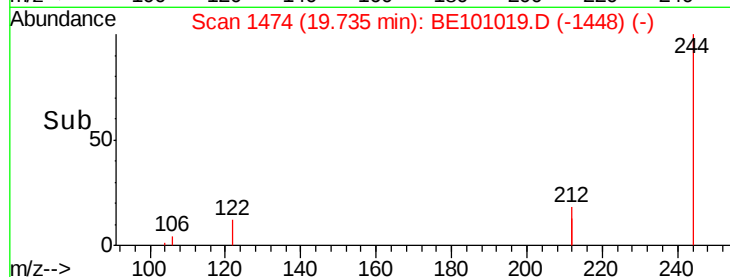
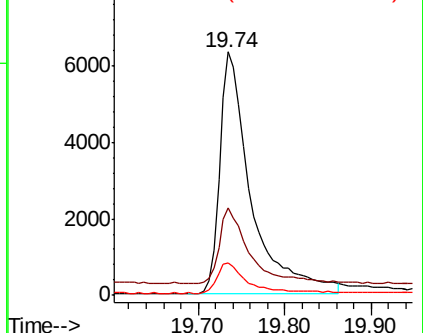
122 13.3 9.8 14.8



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: 0.304 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

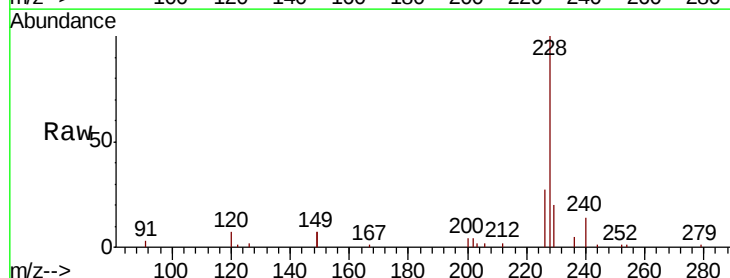
Tgt Ion:228 Resp: 13854

Ion Ratio Lower Upper

228 100

226 27.1 22.7 34.1

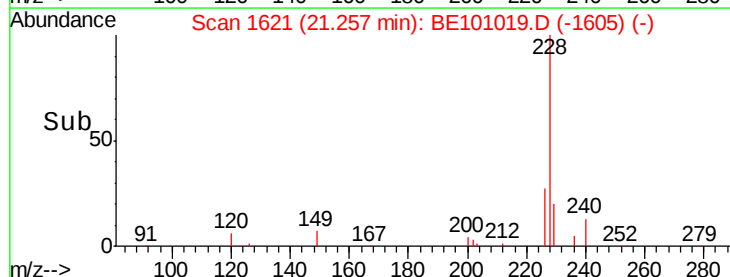
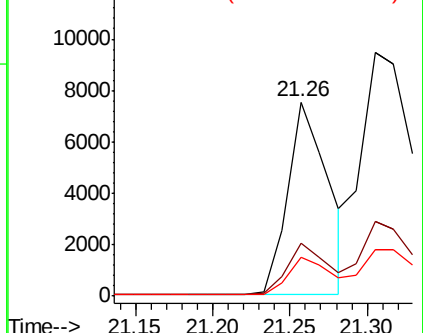
229 20.2 15.5 23.3



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: 0.455 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

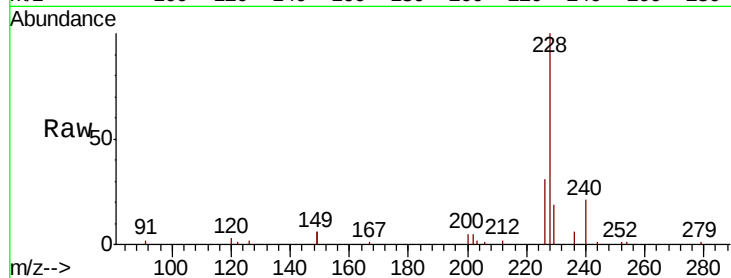
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 30761

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.5	35.3
229	18.9	16.7	25.1

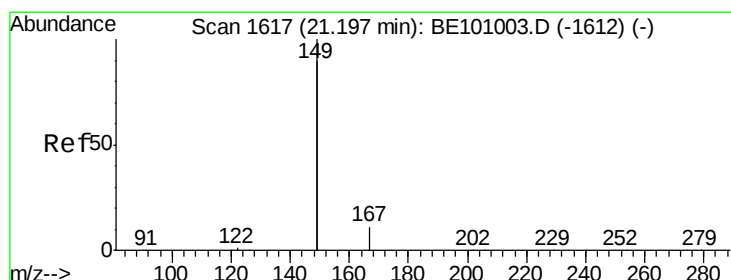
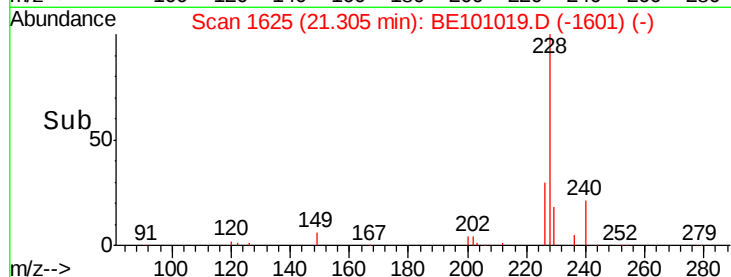
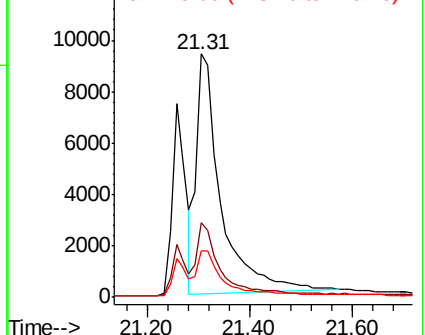


Abundance

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: 0.295 ng

RT: 21.20 min Scan# 1616

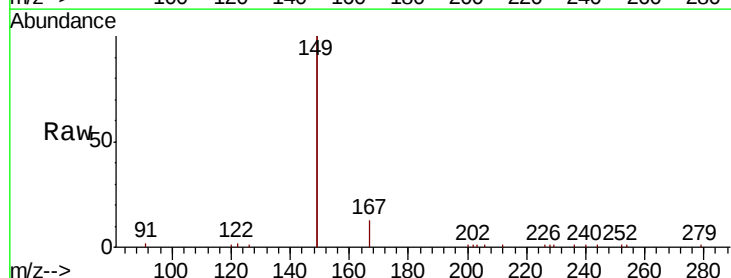
Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Tgt Ion:149 Resp: 22403

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.2	7.8
279	0.9	0.8	1.2

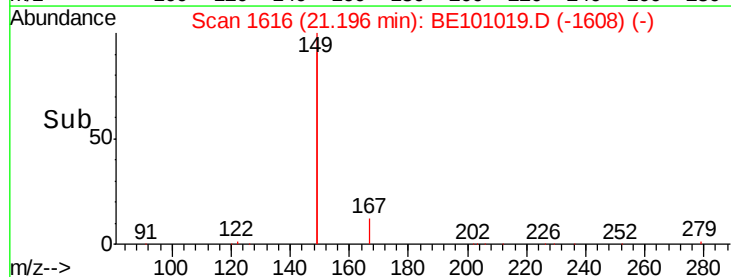
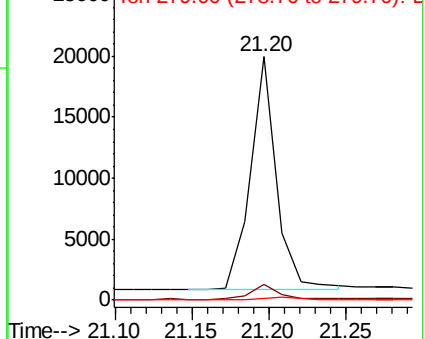


Abundance

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

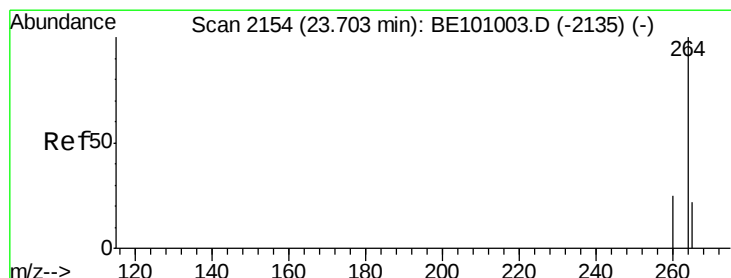
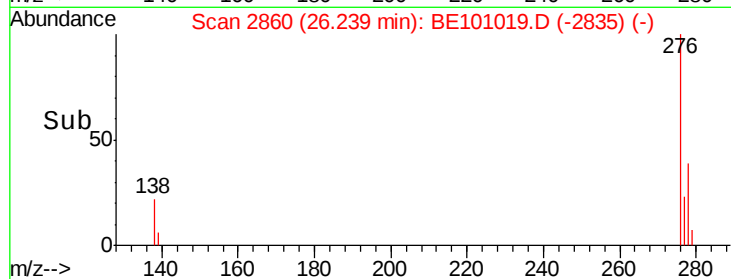
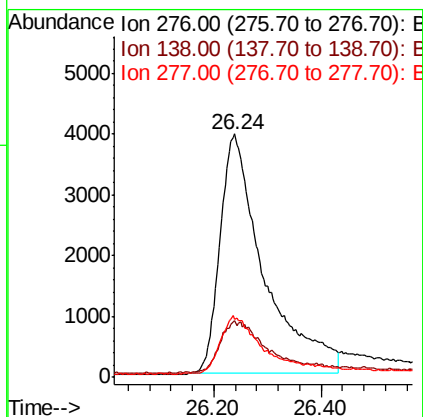
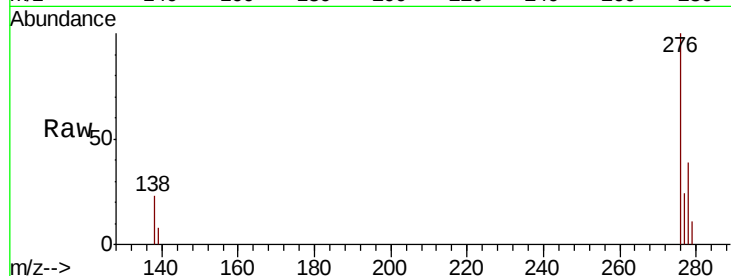




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.422 ng
 RT: 26.24 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BE101019.D
 Acq: 10 Jan 2020 10:27

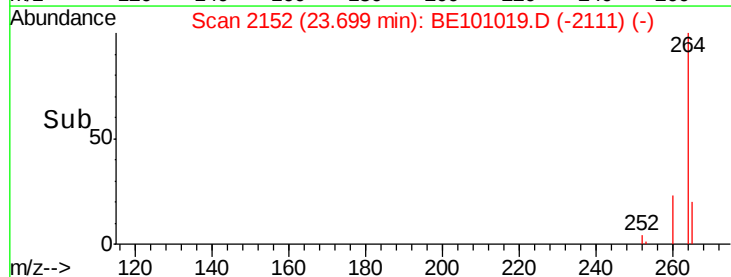
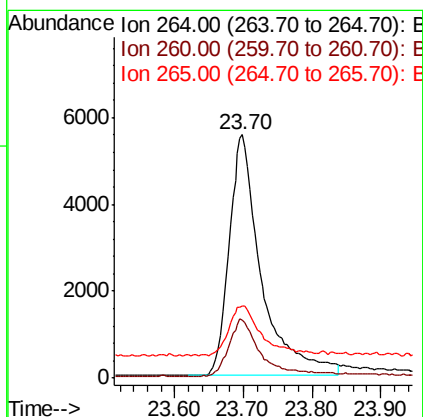
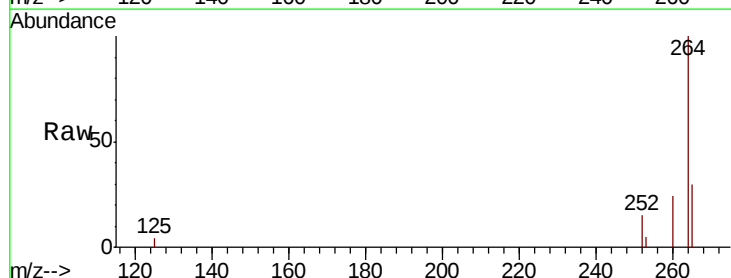
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 22555
 Ion Ratio Lower Upper
 276 100
 138 22.3 16.1 24.1
 277 22.3 18.1 27.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BE101019.D
 Acq: 10 Jan 2020 10:27

Tgt Ion:264 Resp: 18149
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.3 30.5
 265 29.5 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 0.335 ng

RT: 22.95 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :

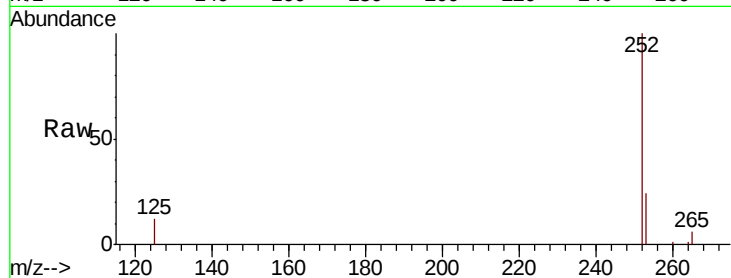
Tot Ion:252 Resp: 17045

Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

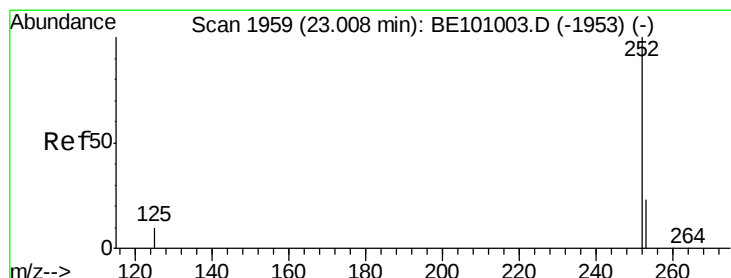
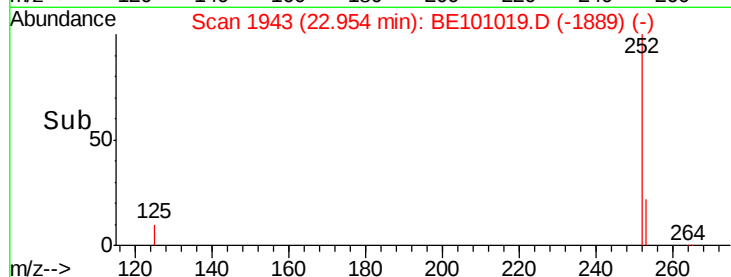
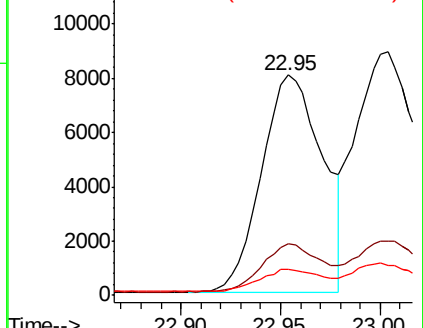
125 11.8 9.5 14.3



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: 0.366 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

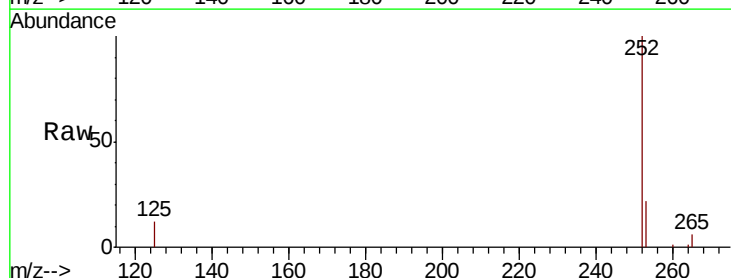
Tgt Ion:252 Resp: 26970

Ion Ratio Lower Upper

252 100

253 22.2 18.9 28.3

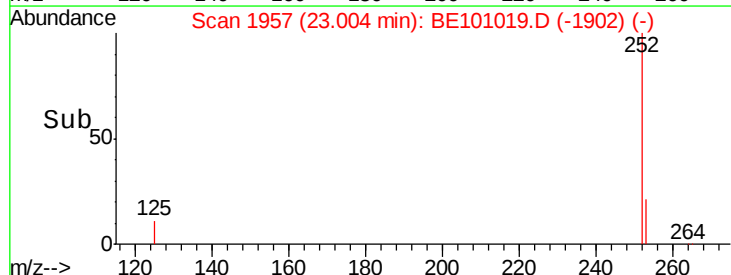
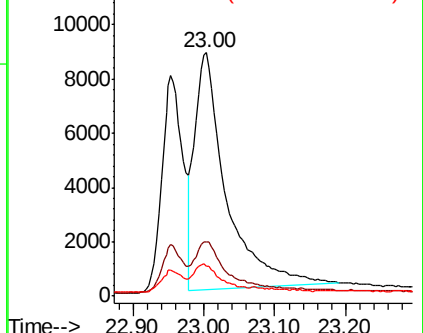
125 12.5 10.1 15.1



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: 0.364 ng

RT: 23.59 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :

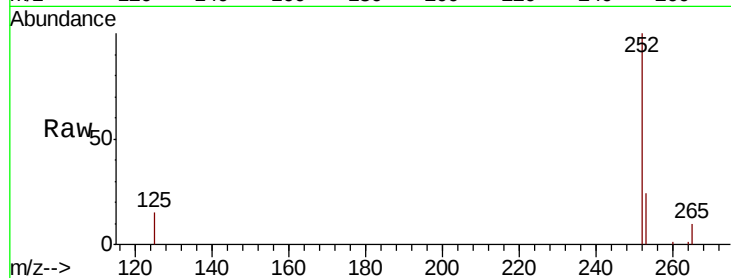
Tot Ion:252 Resp: 17938

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

125 15.2 11.8 17.6

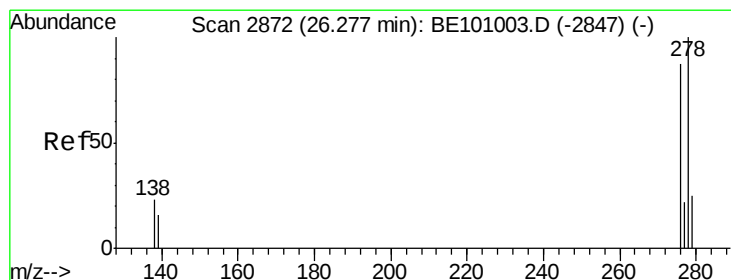
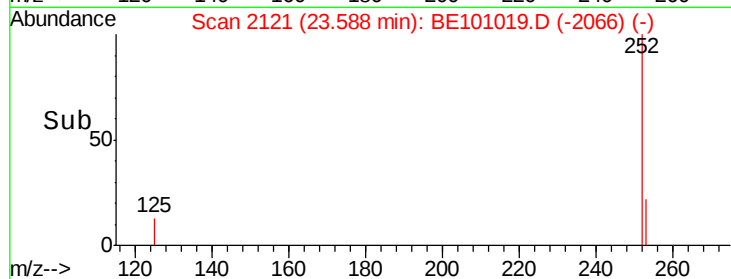
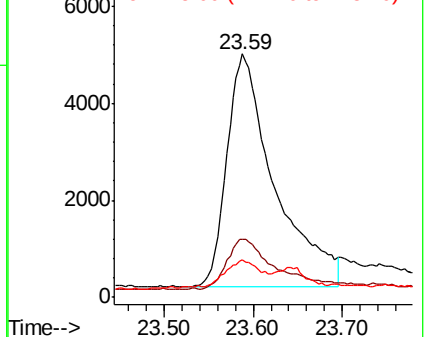


Abundance

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: 0.308 ng

RT: 26.27 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

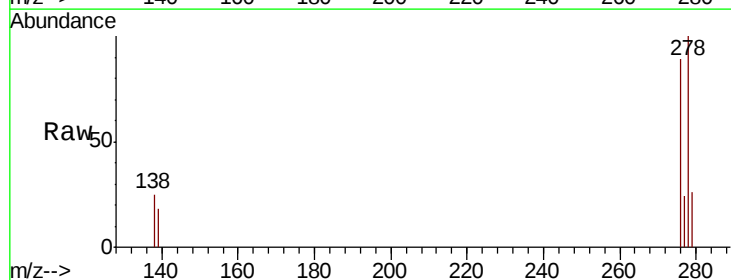
Tgt Ion:278 Resp: 13966

Ion Ratio Lower Upper

278 100

139 18.1 15.0 22.4

279 26.4 22.6 33.8

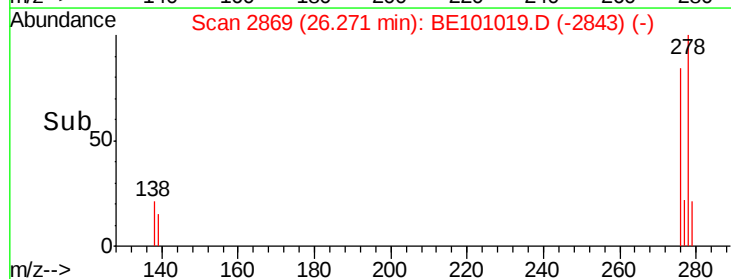
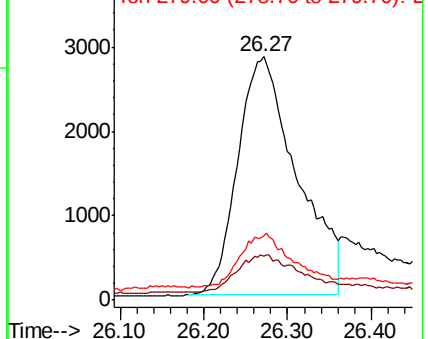


Abundance

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: 0.366 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

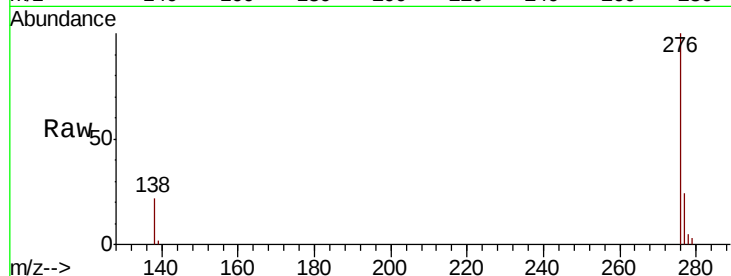
Lab File: BE101019.D

Acq: 10 Jan 2020 10:27

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 20404

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 22.4 17.9 26.9

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

