

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
 Data File : BN008033.D
 Acq On : 05 Oct 2019 19:26
 Operator : JU
 Sample : K5078-07RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-024-SW071-092619

Quant Time: Oct 07 00:15:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4004	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	15991	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	10035	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	20109	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	21110	0.40	ng	-0.02
34) Perylene-d12	23.47	264	23516	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	3162	0.23	ng	0.00
5) Phenol-d6	6.87	99	3900	0.22	ng	0.00
8) Nitrobenzene-d5	8.82	82	3623	0.26	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	7091	0.26	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	1414	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	9535	0.23	ng	-0.02
25) Fluoranthene-d10	19.09	212	17127	0.25	ng	-0.02
29) Terphenyl-d14	19.69	244	14082	0.27	ng	-0.02

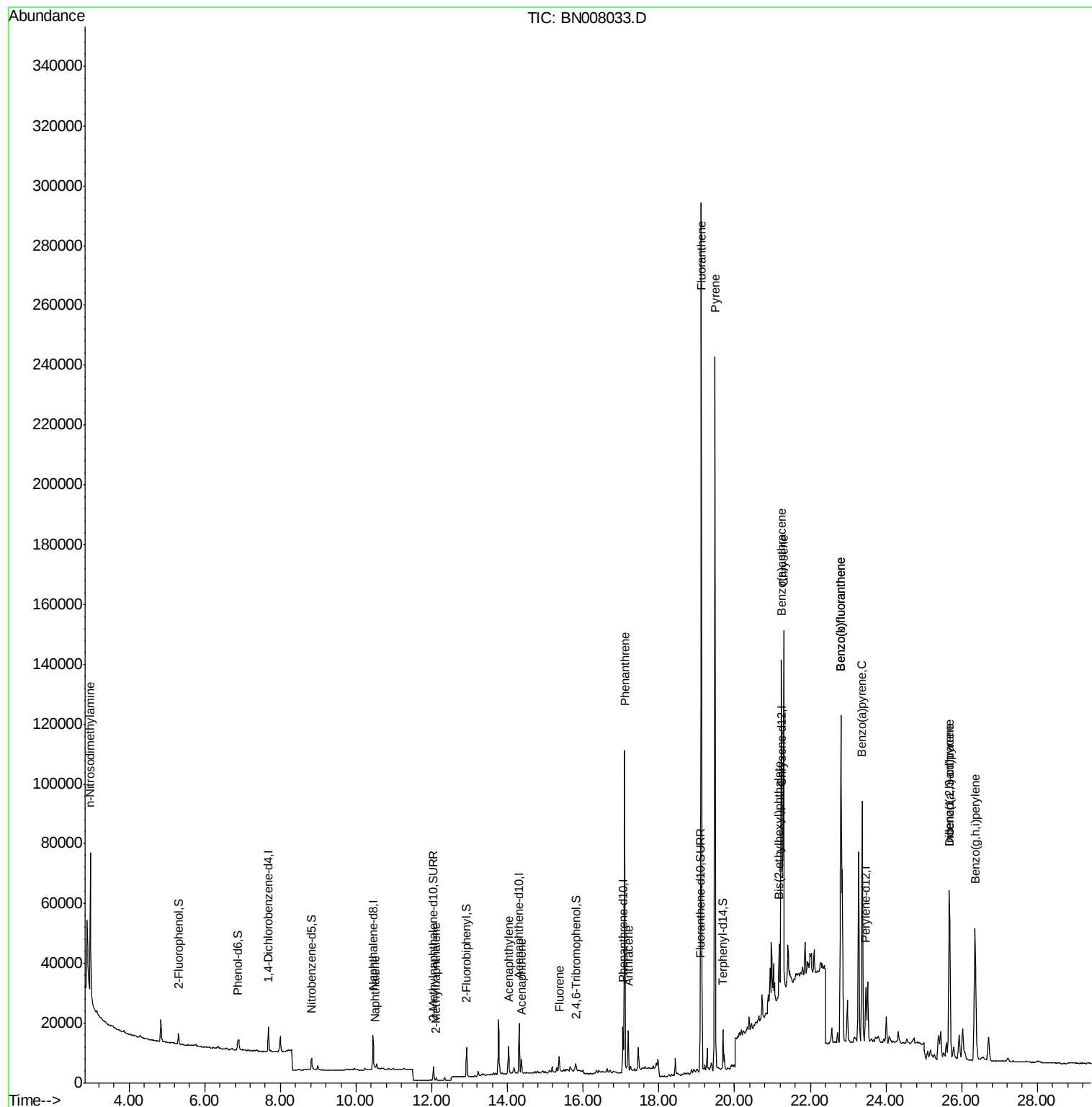
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	2.97	42	6210	3.038	ng	83
9) Naphthalene	10.49	128	942	0.021	ng	# 60
12) 2-Methylnaphthalene	12.12	142	692	0.023	ng	# 80
16) Acenaphthylene	14.02	152	12664	0.238	ng	99
17) Acenaphthene	14.37	154	2696	0.079	ng	97
18) Fluorene	15.36	166	4192	0.095	ng	90
23) Phenanthrene	17.09	178	106819	1.705	ng	100
24) Anthracene	17.19	178	14721	0.260	ng	# 96
26) Fluoranthene	19.12	202	262351	3.368	ng	99
28) Pylene	19.48	202	218905	3.040	ng	96
30) Benzo(a)anthracene	21.24	228	103111	1.326	ng	94
31) Chrysene	21.29	228	121576	1.605	ng	96
32) Bis(2-ethylhexyl)phthalate	21.17	149	13621	0.341	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	92888	0.979	ng	# 95
35) Benzo(b)fluoranthene	22.81	252	178259	2.183	ng	# 93
36) Benzo(k)fluoranthene	22.81	252	178259	2.208	ng	# 94
37) Benzo(a)pyrene	23.37	252	107755	1.405	ng	# 92
38) Dibenzo(a,h)anthracene	25.68	278	20704	0.264	ng	# 63
39) Benzo(g,h,i)perylene	26.35	276	93253	1.201	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.68 min Scan# 602

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

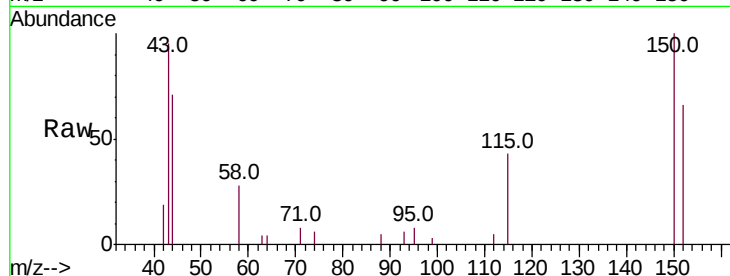
Tot Ion:152 Resp: 4004

Ion Ratio Lower Upper

152 100

150 152.5 125.6 188.4

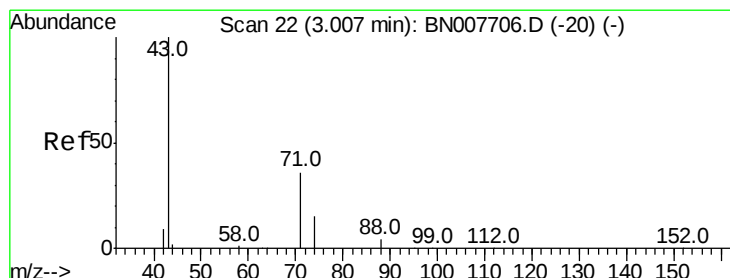
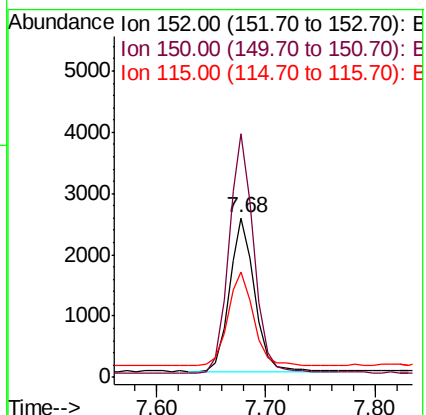
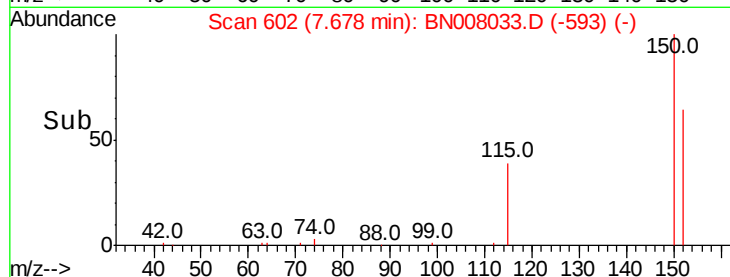
115 65.7 53.3 79.9



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



#3

n-Nitrosodimethylamine

Concen: 3.038 ng

RT: 2.97 min Scan# 18

Delta R.T. -0.03 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

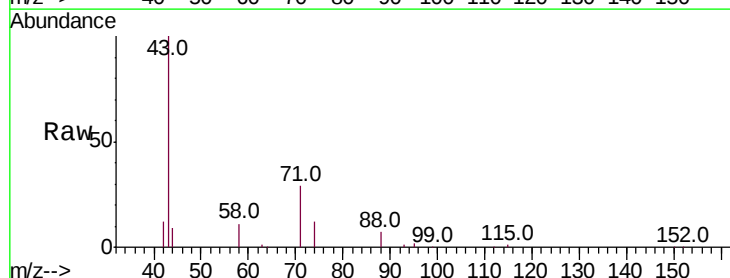
Tgt Ion: 42 Resp: 6210

Ion Ratio Lower Upper

42 100

74 131.4 87.9 131.9

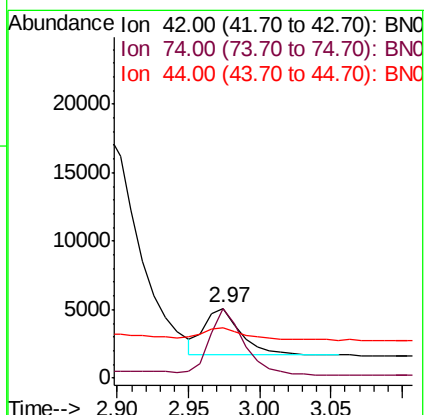
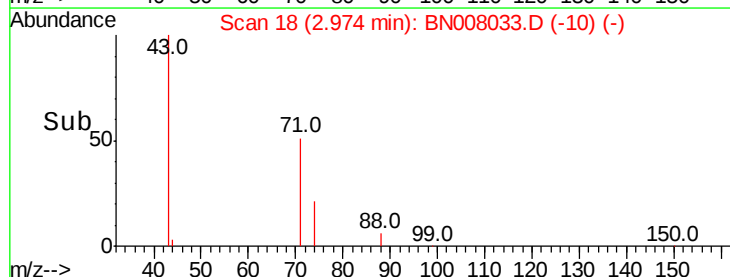
44 32.0 29.4 44.0

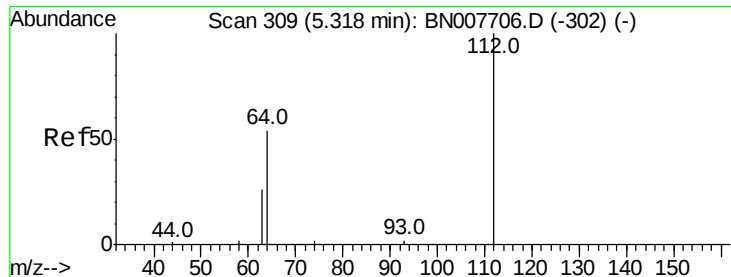


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.229 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

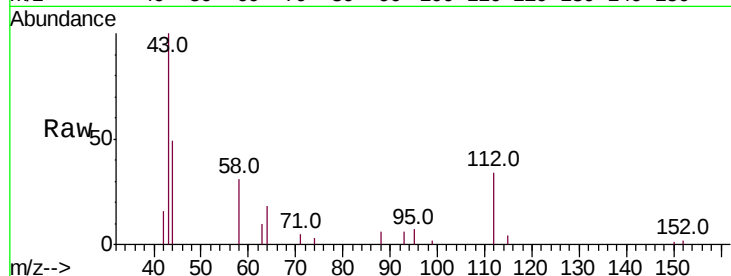
Tot Ion:112 Resp: 3162

Ion Ratio Lower Upper

112 100

64 57.8 46.6 70.0

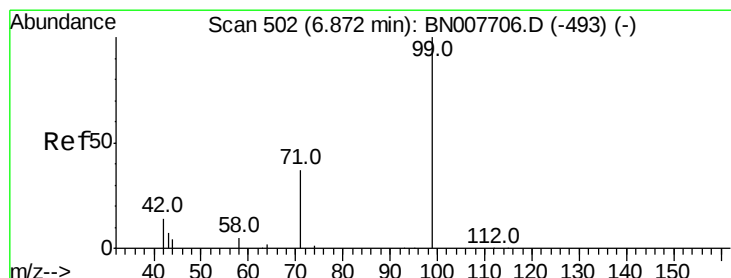
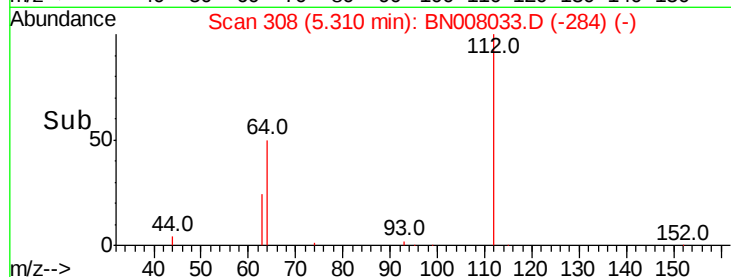
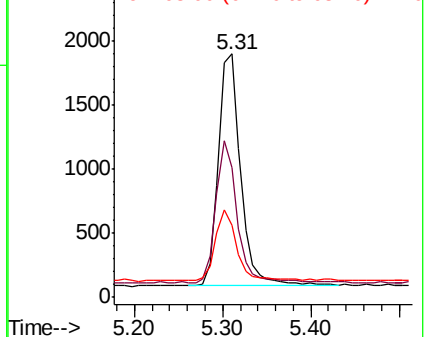
63 29.2 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.224 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

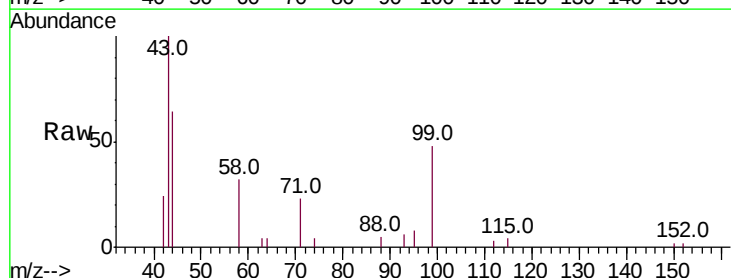
Tgt Ion: 99 Resp: 3900

Ion Ratio Lower Upper

99 100

42 18.6 12.8 19.2

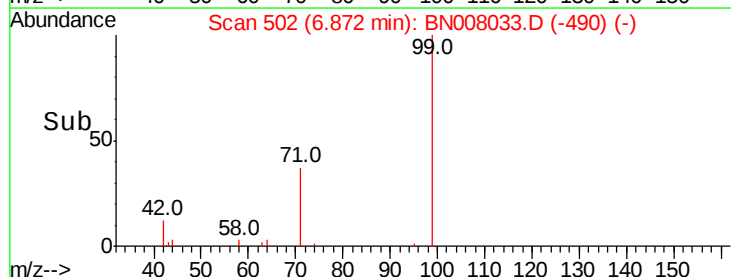
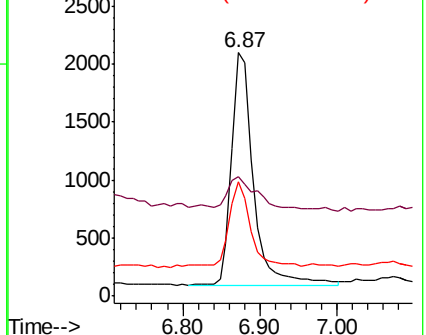
71 35.1 27.6 41.4

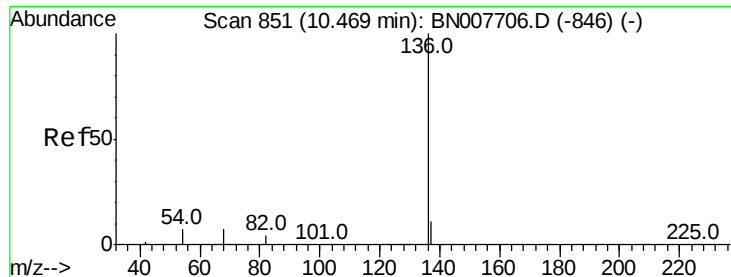


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

Tot Ion:136 Resp: 15991

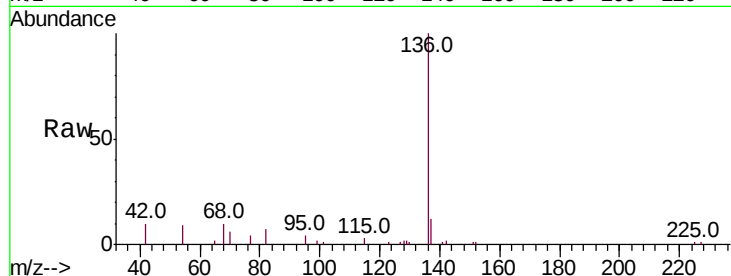
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 9.0 5.8 8.8#

68 10.4 6.5 9.7#

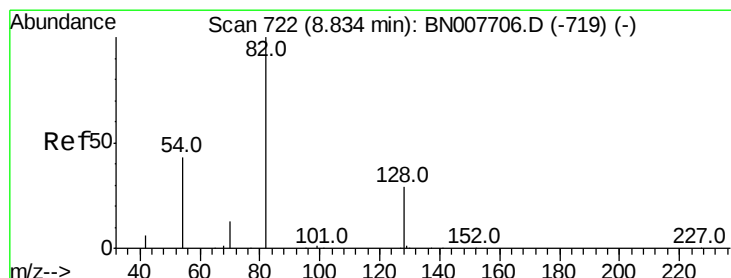
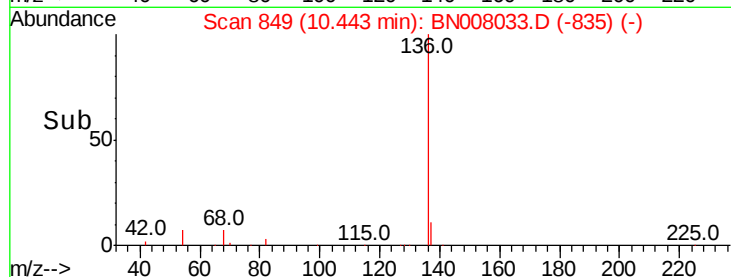
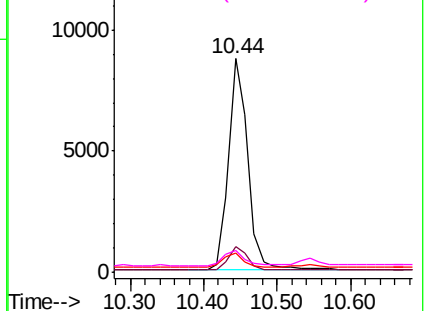


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.259 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

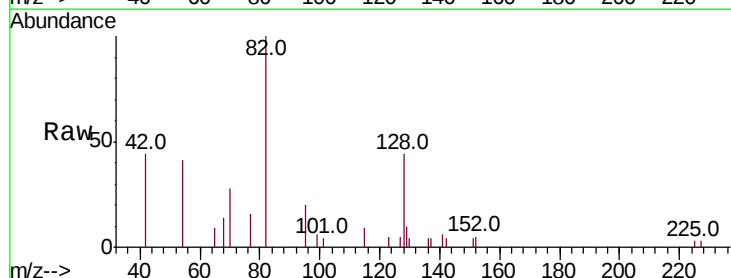
Tgt Ion: 82 Resp: 3623

Ion Ratio Lower Upper

82 100

128 44.5 24.5 36.7#

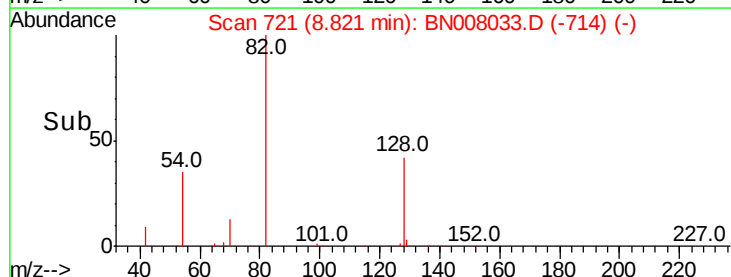
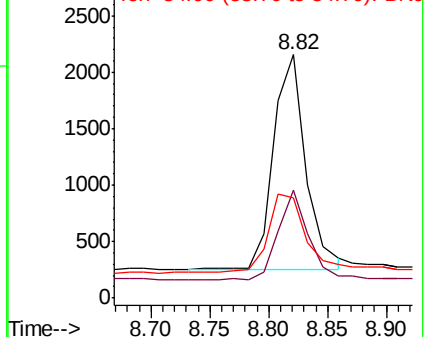
54 41.4 35.2 52.8

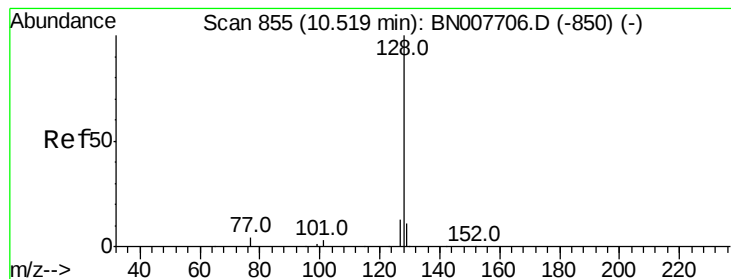


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.021 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

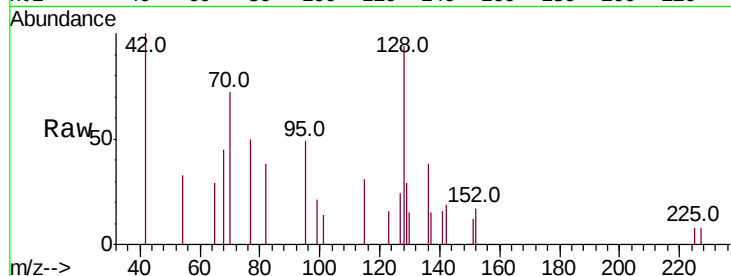
Tot Ion:128 Resp: 942

Ion Ratio Lower Upper

128 100

129 30.8 9.1 13.7#

127 25.3 10.6 15.8#



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

10.49

800

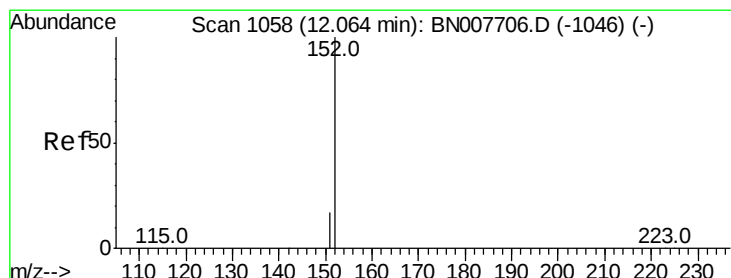
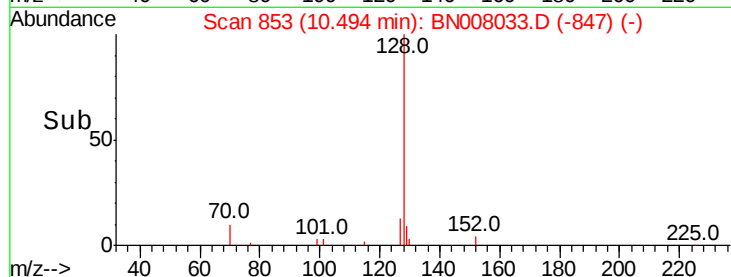
600

400

200

0

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.263 ng

RT: 12.04 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BN008033.D

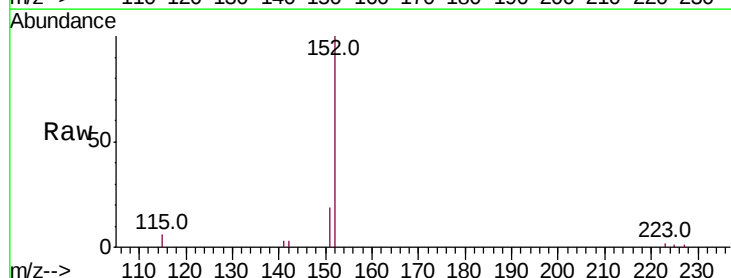
Acq: 05 Oct 2019 19:26

Tgt Ion:152 Resp: 7091

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.04

5000

4000

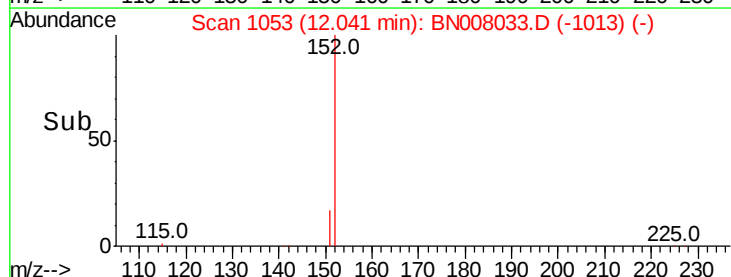
3000

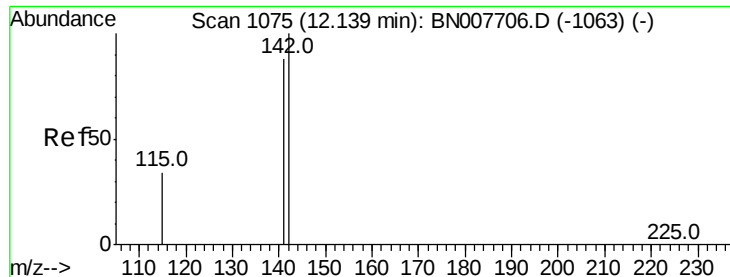
2000

1000

0

Time-->

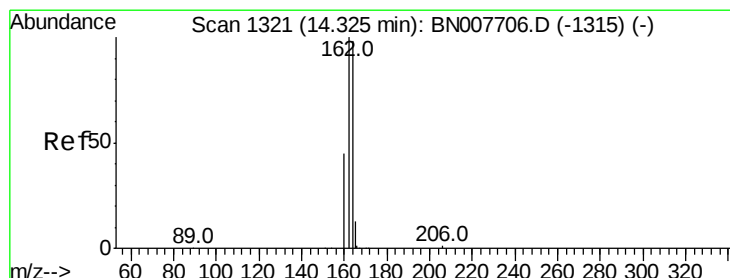
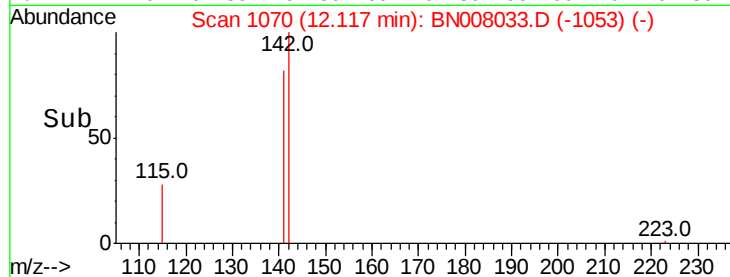
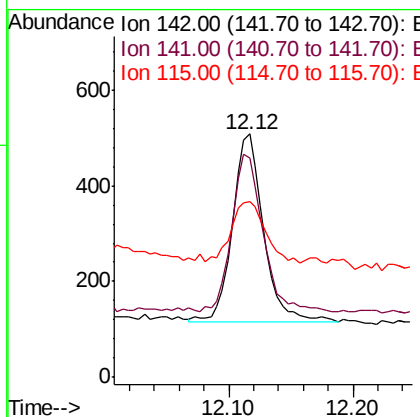
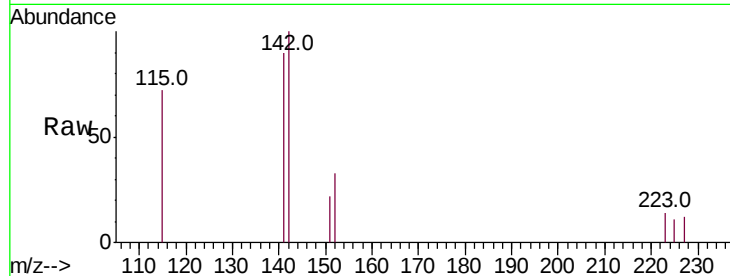




#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN008033.D
Acq: 05 Oct 2019 19:26

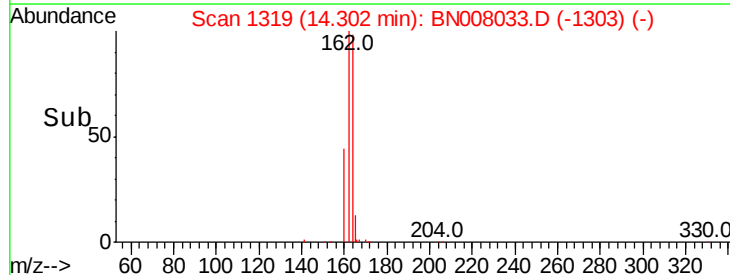
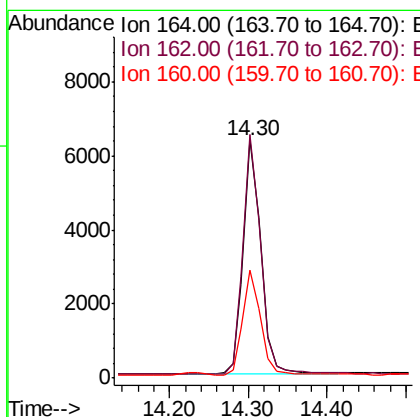
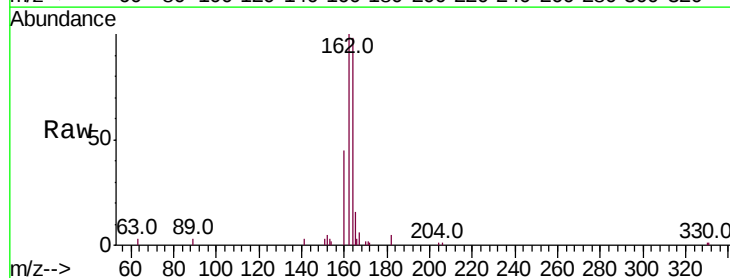
Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tot Ion:142 Resp: 692
Ion Ratio Lower Upper
142 100
141 90.2 70.6 106.0
115 72.4 28.3 42.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008033.D
Acq: 05 Oct 2019 19:26

Tgt Ion:164 Resp: 10035
Ion Ratio Lower Upper
164 100
162 102.2 81.7 122.5
160 45.5 37.0 55.4

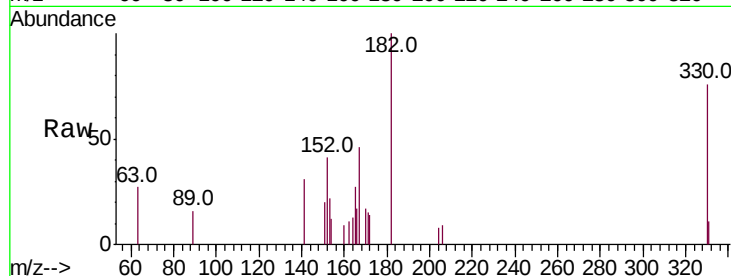




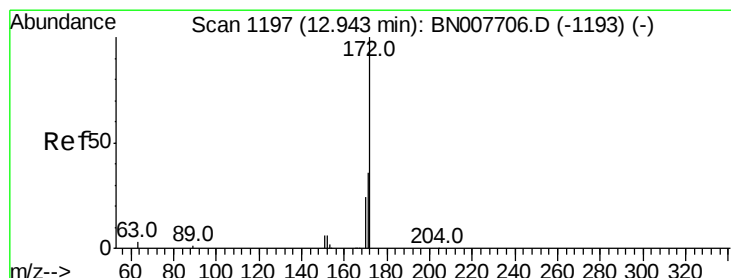
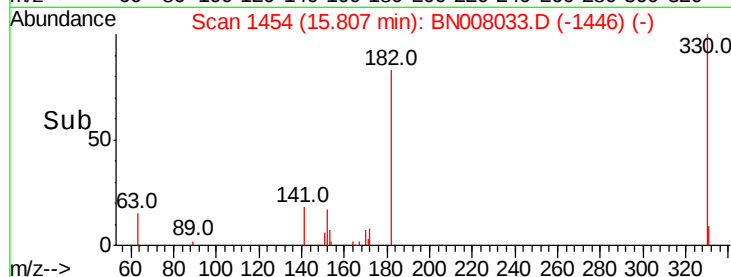
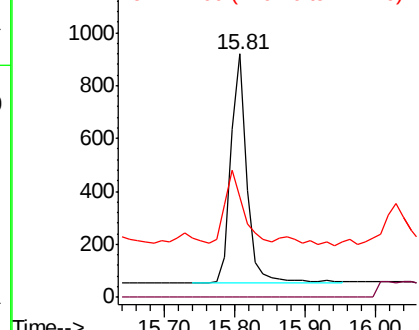
#14
 2,4,6-Tribromophenol
 Concen: 0.259 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN008033.D
 Acq: 05 Oct 2019 19:26

Instrument :
 BNA_N
 ClientSampleId :
 EXT-024-SW071-092619

Tot Ion:330 Resp: 1414
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.8 28.7 43.1

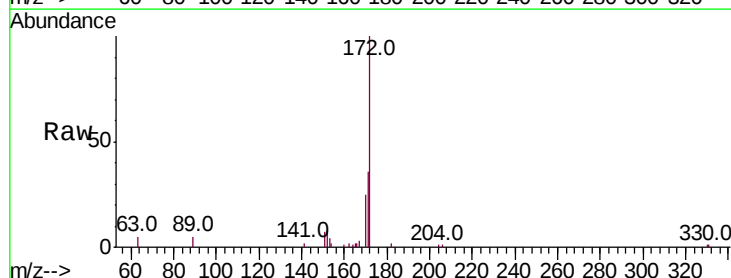


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

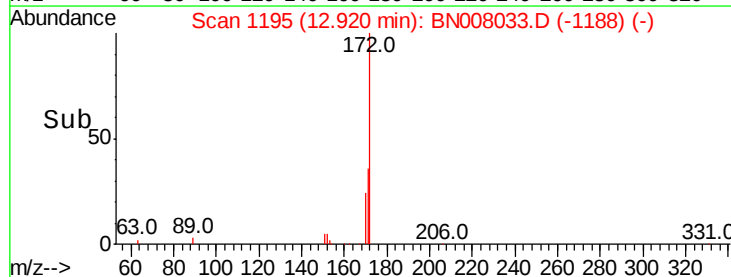
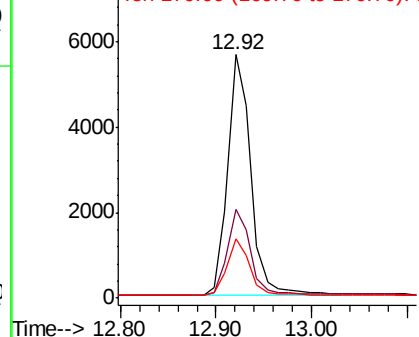


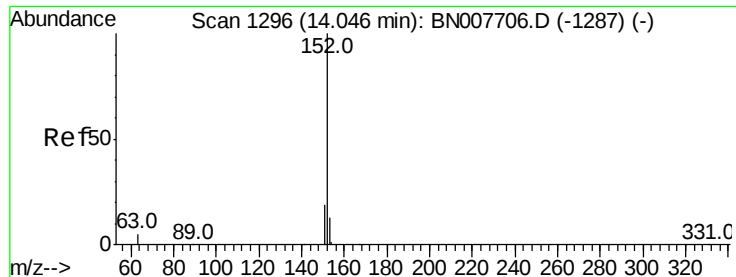
#15
 2-Fluorobiphenyl
 Concen: 0.231 ng
 RT: 12.92 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BN008033.D
 Acq: 05 Oct 2019 19:26

Tgt Ion:172 Resp: 9535
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.8 43.2
 170 24.6 19.5 29.3



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: 0.238 ng

RT: 14.02 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

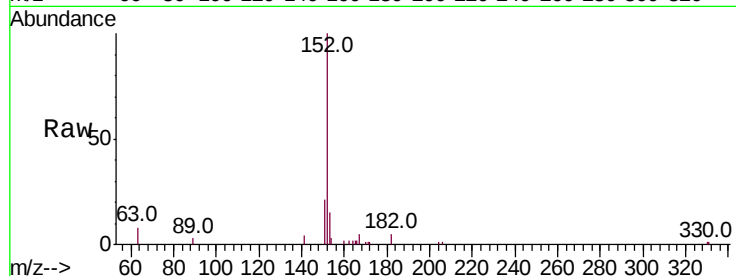
Tot Ion:152 Resp: 12664

Ion Ratio Lower Upper

152 100

151 19.9 15.5 23.3

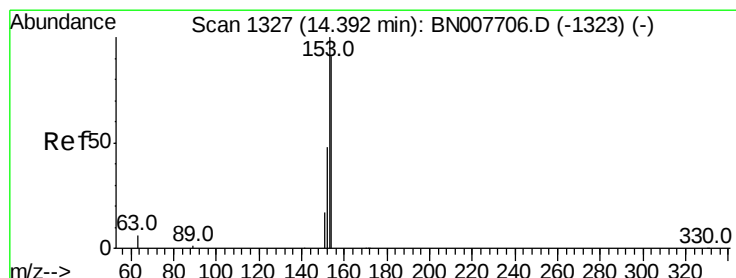
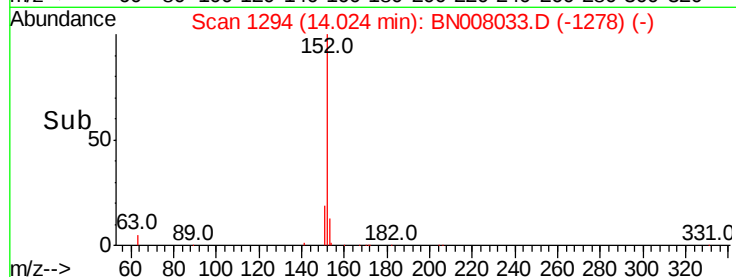
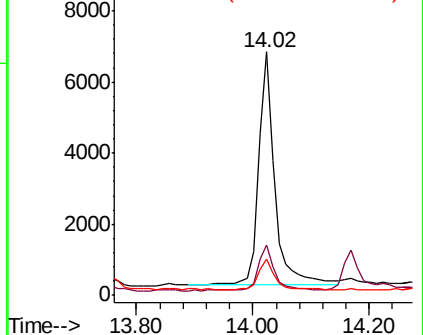
153 12.5 10.4 15.6



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: 0.079 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

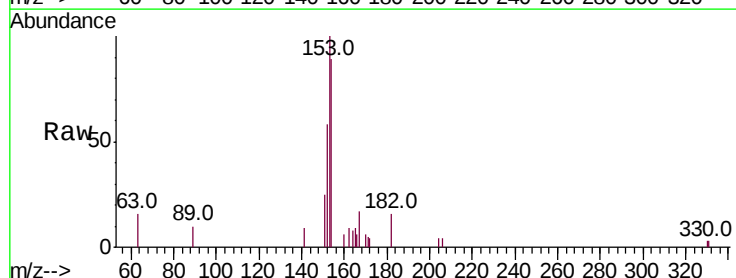
Tgt Ion:154 Resp: 2696

Ion Ratio Lower Upper

154 100

153 110.3 87.0 130.4

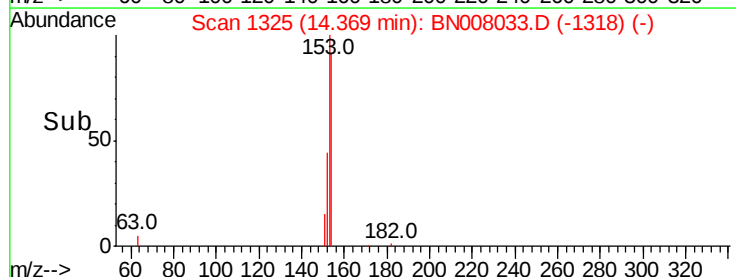
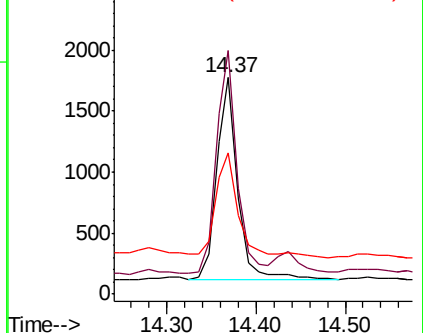
152 50.0 42.7 64.1

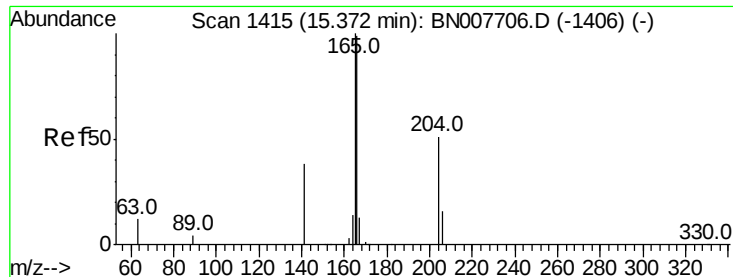


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.095 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

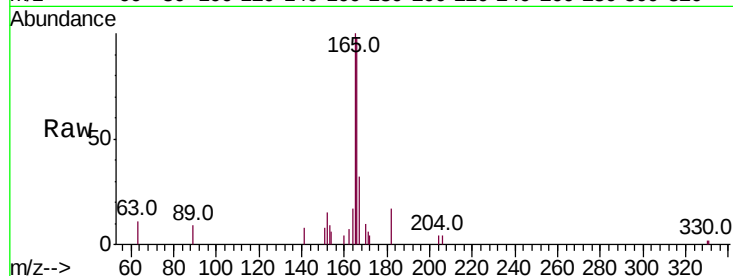
Tot Ion:166 Resp: 4192

Ion Ratio Lower Upper

166 100

165 108.3 78.0 117.0

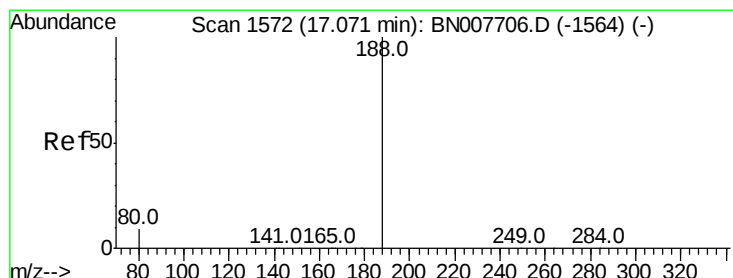
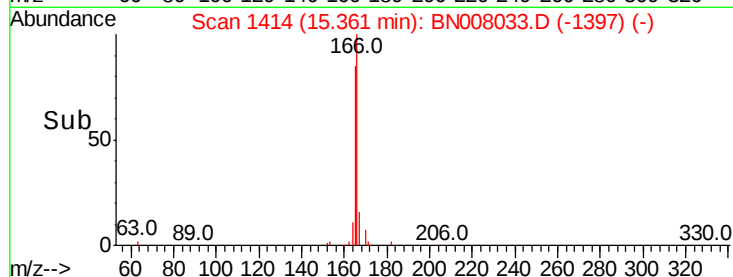
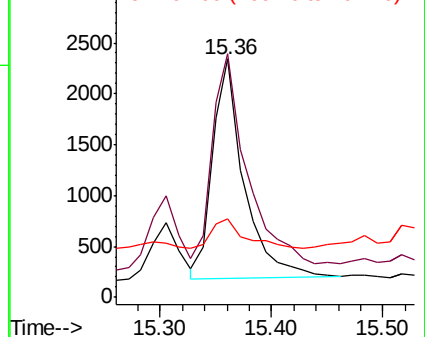
167 15.0 10.9 16.3



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: 17.05 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

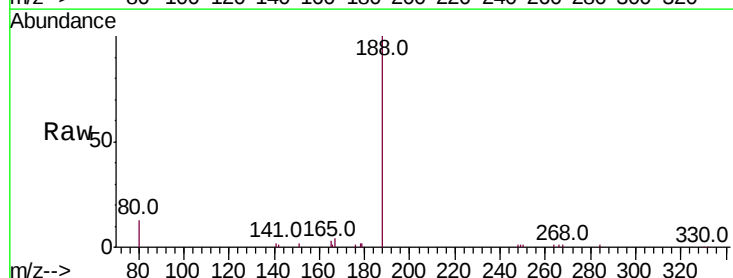
Tgt Ion:188 Resp: 20109

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

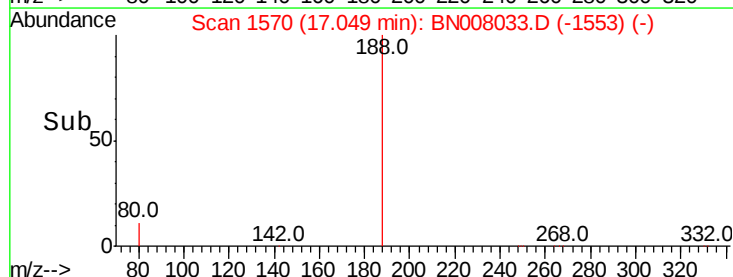
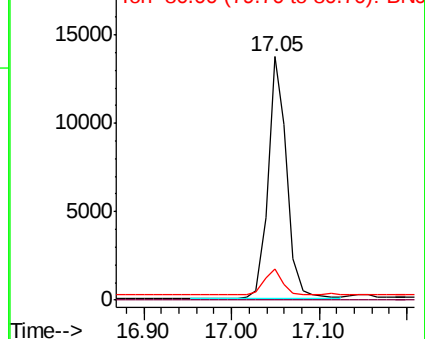
80 12.6 7.4 11.2#

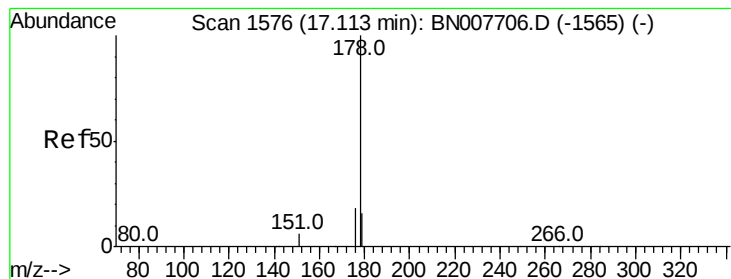


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 1.705 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

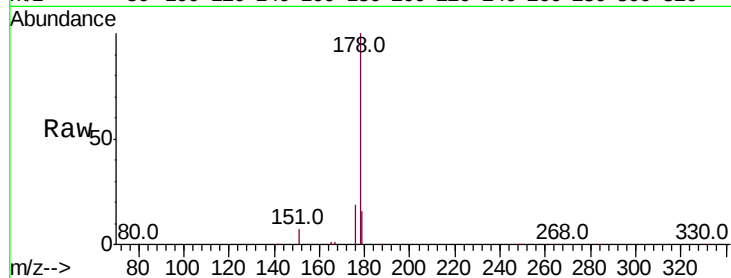
Tot Ion:178 Resp: 106819

Ion Ratio Lower Upper

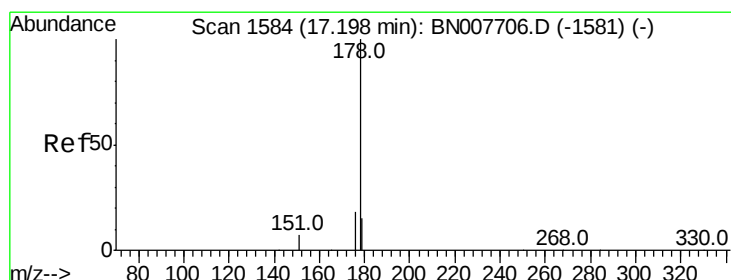
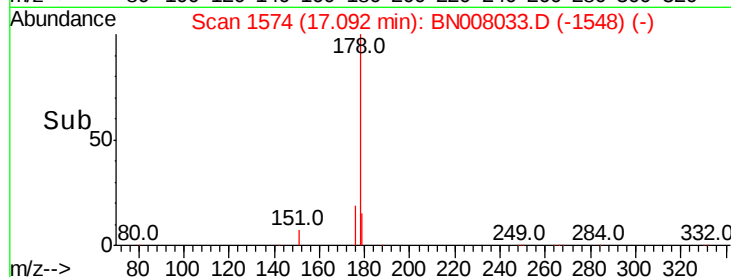
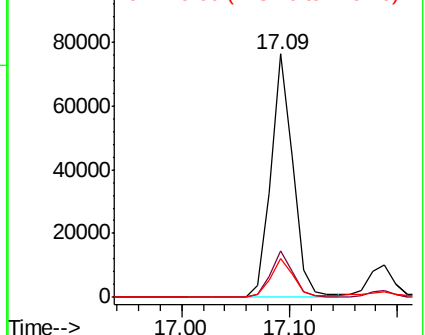
178 100

176 18.7 14.9 22.3

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: 0.260 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

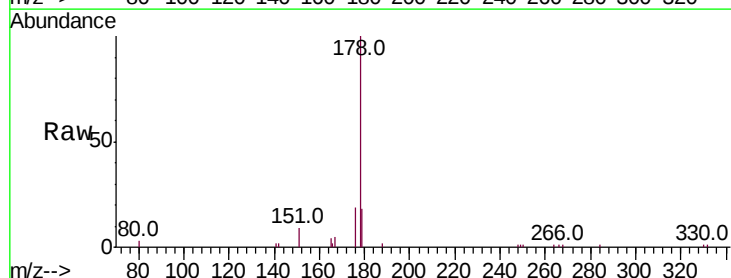
Tgt Ion:178 Resp: 14721

Ion Ratio Lower Upper

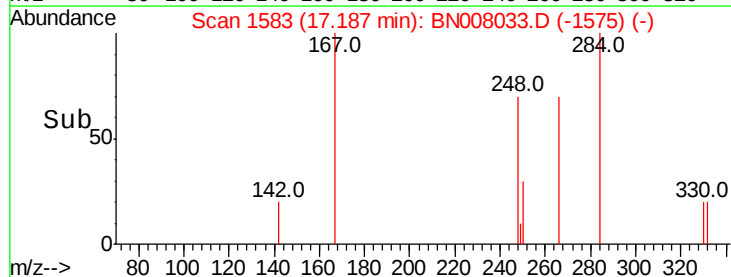
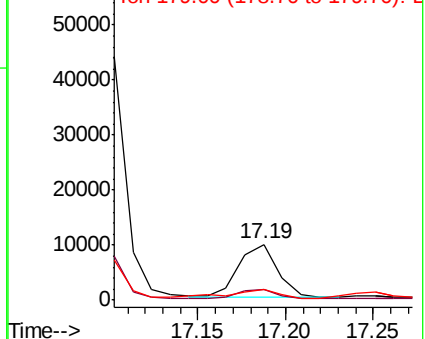
178 100

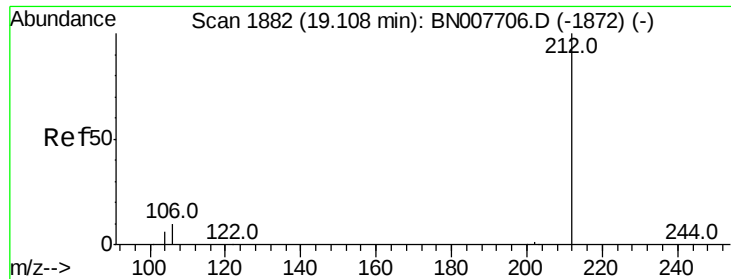
176 18.3 14.6 21.8

179 19.2 12.2 18.4#



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: 0.253 ng

RT: 19.09 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

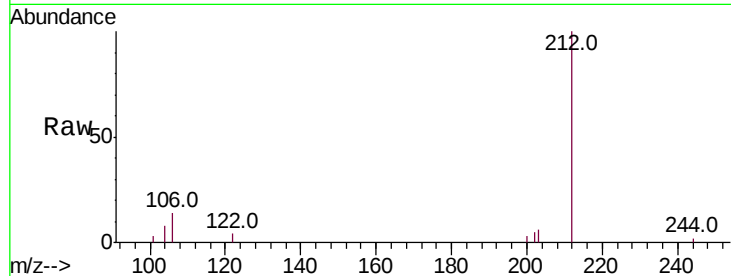
Tot Ion:212 Resp: 17127

Ion Ratio Lower Upper

212 100

106 11.4 9.4 14.0

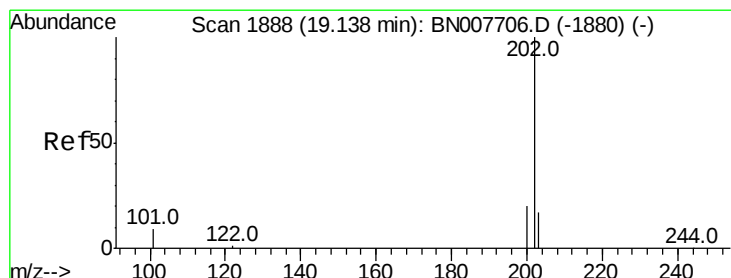
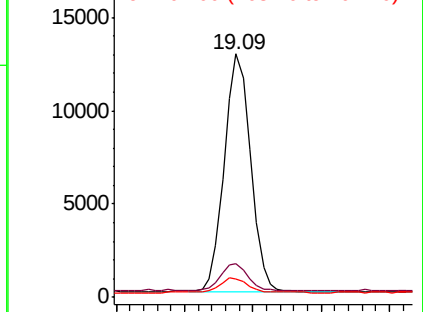
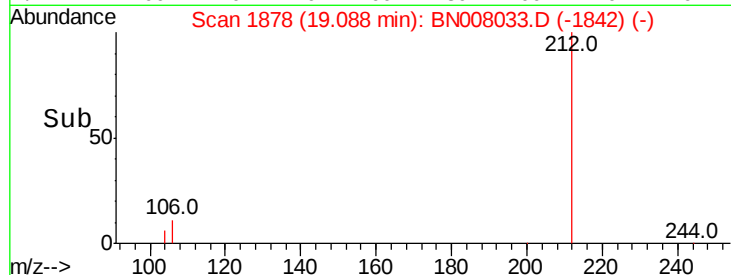
104 7.2 5.3 7.9



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: 3.368 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

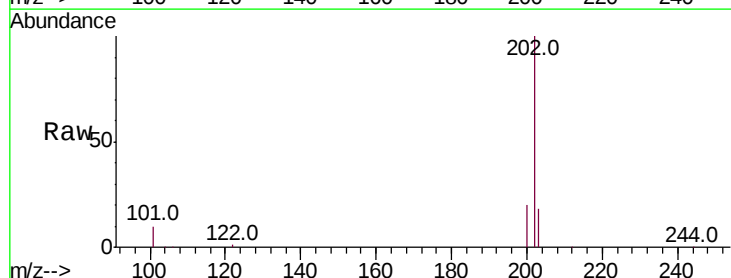
Tgt Ion:202 Resp: 262351

Ion Ratio Lower Upper

202 100

101 10.0 8.4 12.6

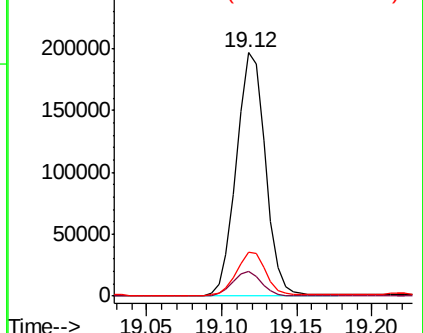
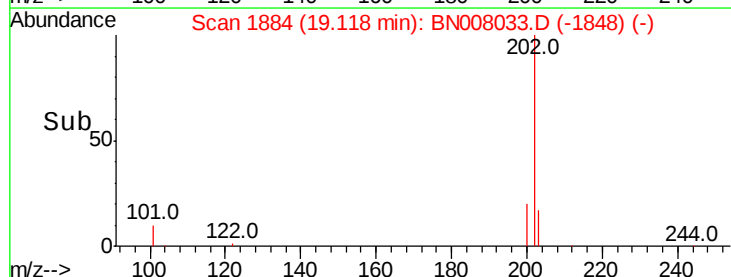
203 17.5 13.8 20.8

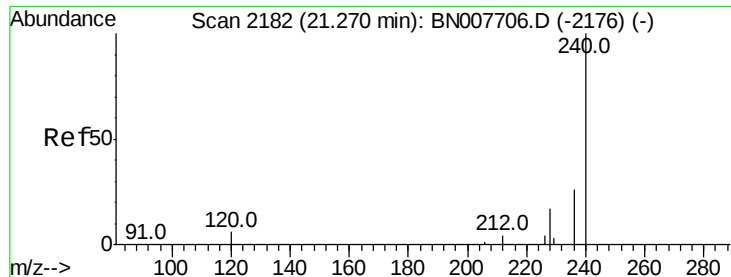


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

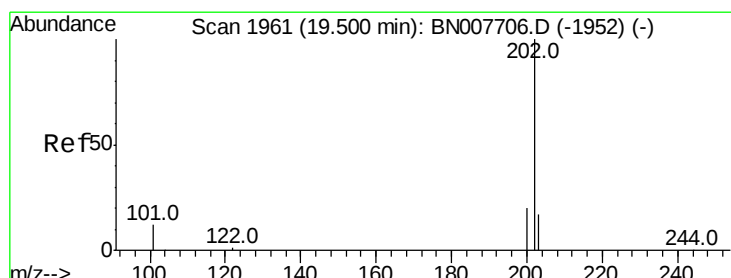
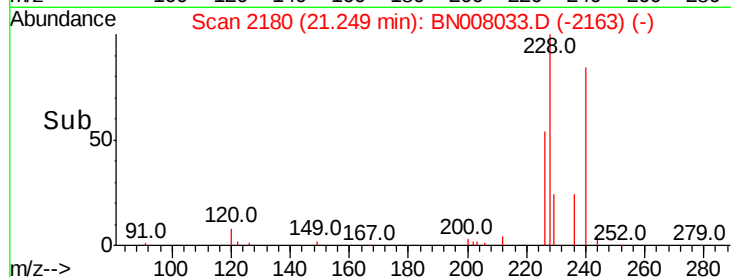
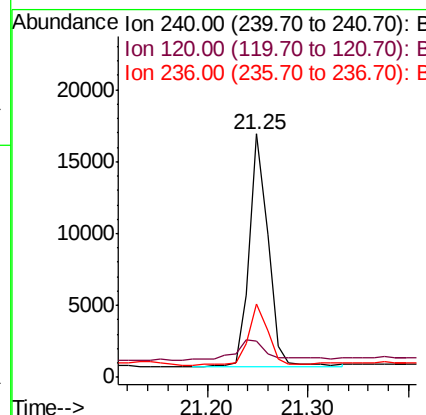
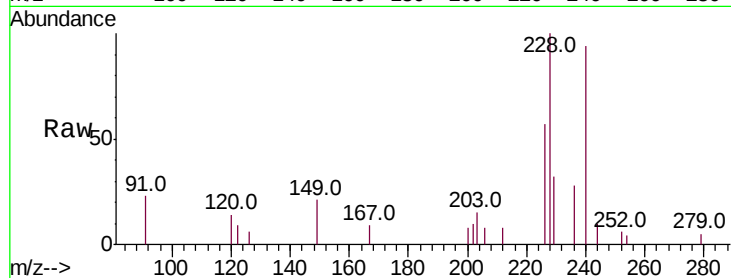




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN008033.D
Acq: 05 Oct 2019 19:26

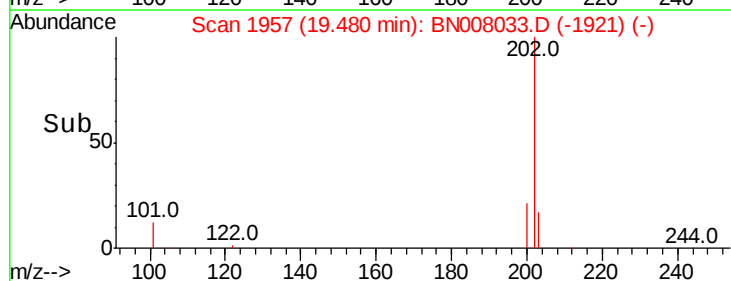
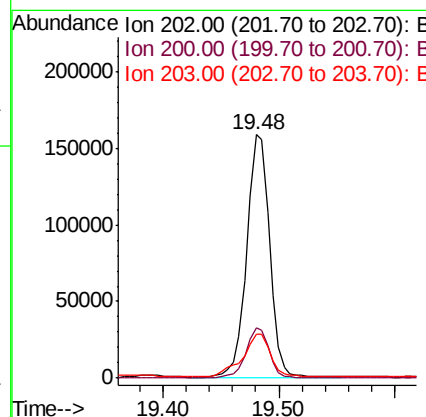
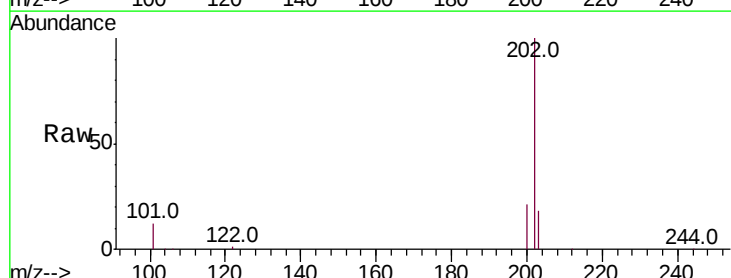
Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

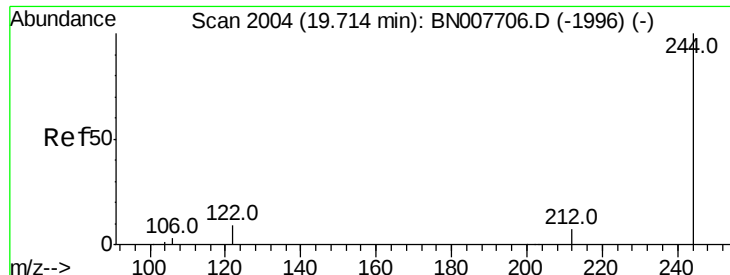
Tot Ion:240 Resp: 21110
Ion Ratio Lower Upper
240 100
120 15.1 5.4 8.2#
236 30.0 21.0 31.4



#28
Pyrene
Concen: 3.040 ng
RT: 19.48 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BN008033.D
Acq: 05 Oct 2019 19:26

Tgt Ion:202 Resp: 218905
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 21.1 14.1 21.1





#29

Terphenyl-d14

Concen: 0.272 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

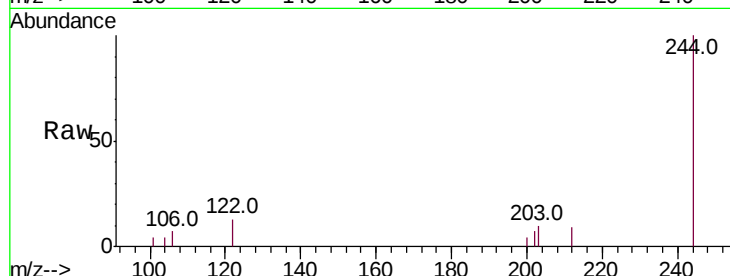
Tot Ion:244 Resp: 14082

Ion Ratio Lower Upper

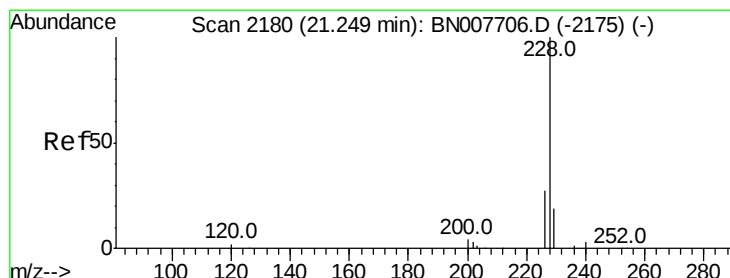
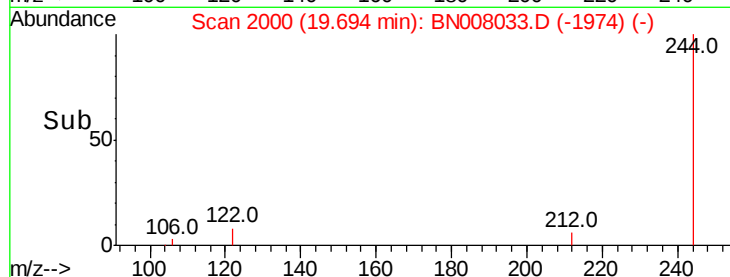
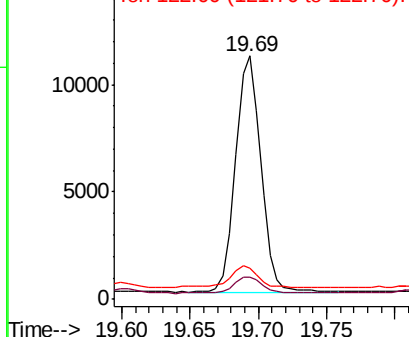
244 100

212 9.2 5.9 8.9#

122 12.8 7.4 11.2#



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: 1.326 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

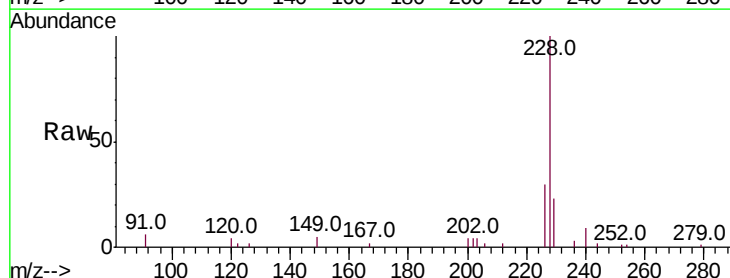
Tgt Ion:228 Resp: 103111

Ion Ratio Lower Upper

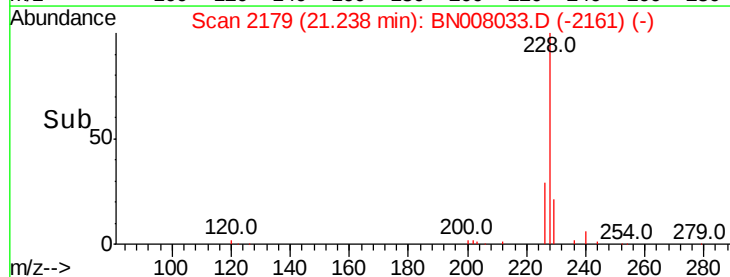
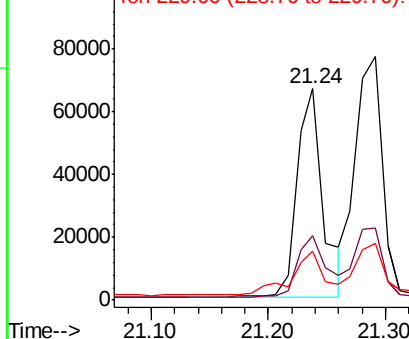
228 100

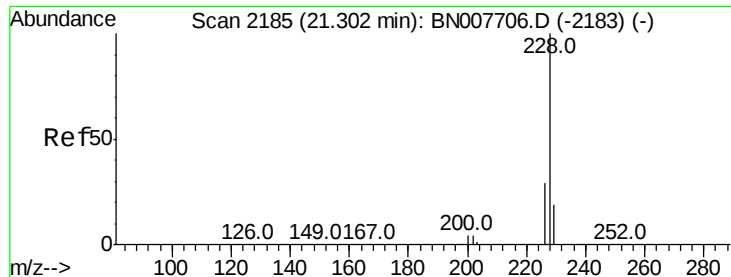
226 30.4 22.1 33.1

229 23.1 15.8 23.6



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: 1.605 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

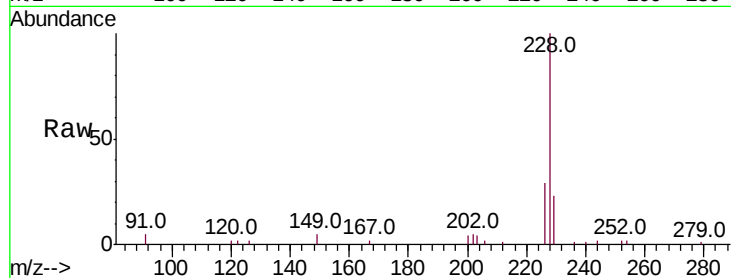
BNA_N

ClientSampleId :

EXT-024-SW071-092619

Tot Ion:228 Resp: 121576

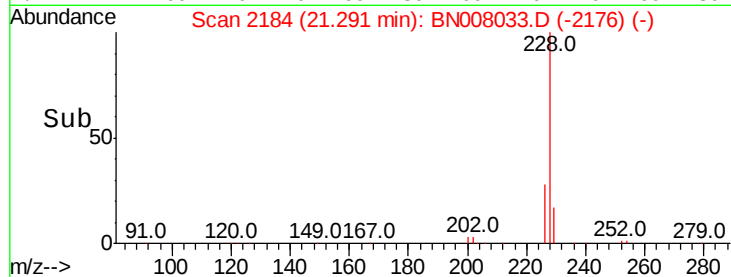
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	23.4	15.8	23.6



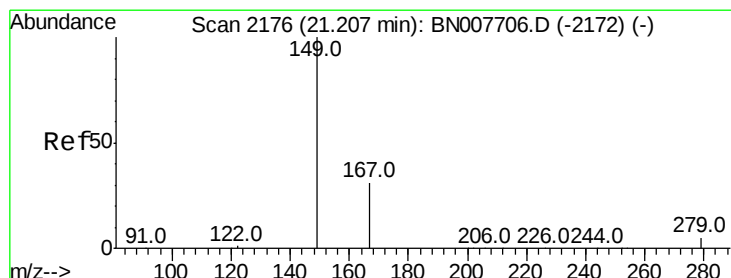
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.341 ng

RT: 21.17 min Scan# 2173

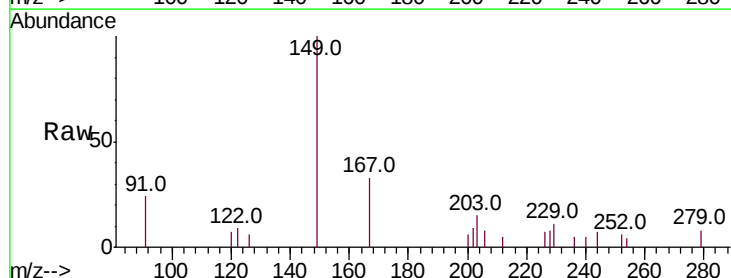
Delta R.T. -0.03 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Tgt Ion:149 Resp: 13621

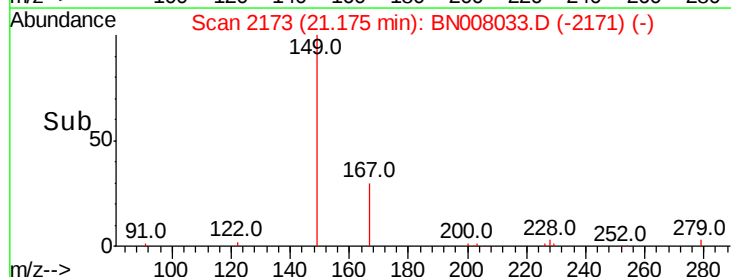
Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.7	35.5
279	5.8	4.2	6.2



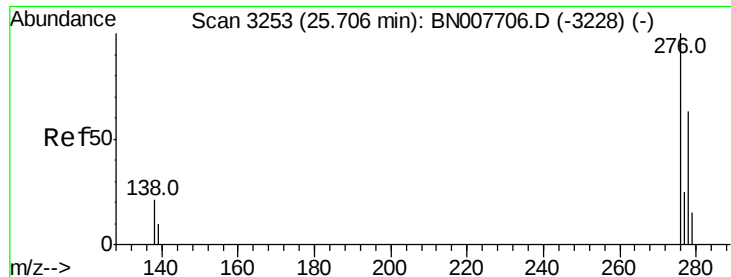
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.979 ng

RT: 25.68 min Scan# 3244

Delta R.T. -0.03 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

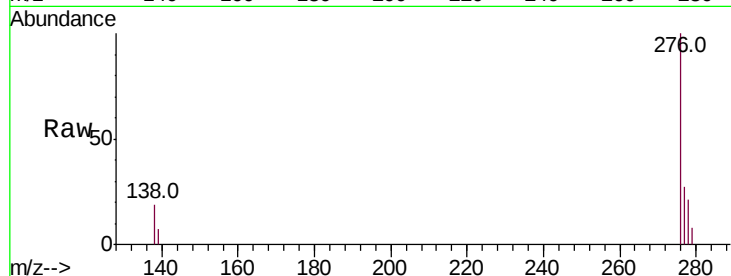
Tot Ion:276 Resp: 92888

Ion Ratio Lower Upper

276 100

138 16.6 17.1 25.7#

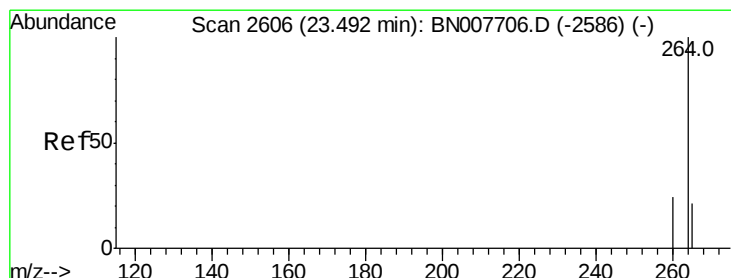
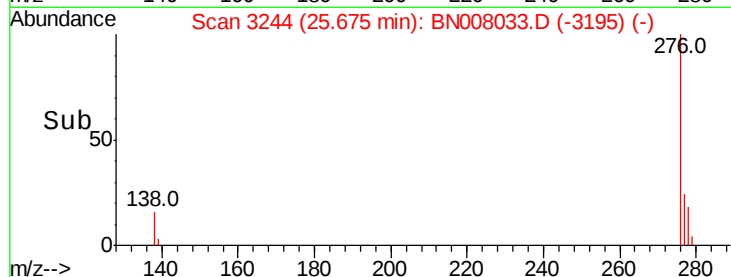
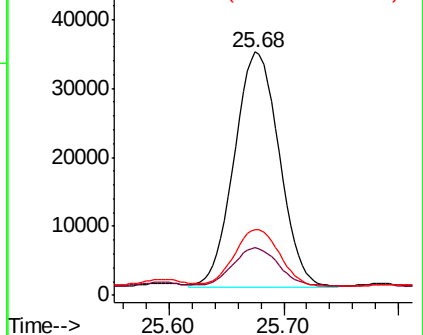
277 24.5 20.0 30.0



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: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

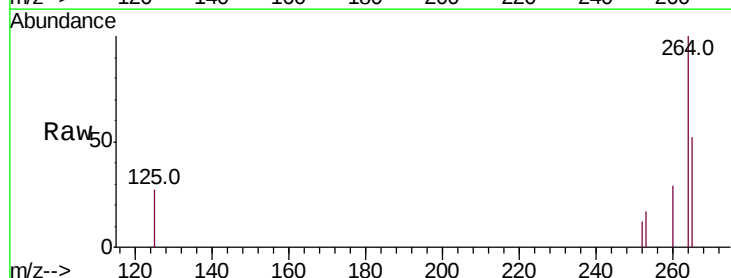
Tgt Ion:264 Resp: 23516

Ion Ratio Lower Upper

264 100

260 29.3 19.3 28.9#

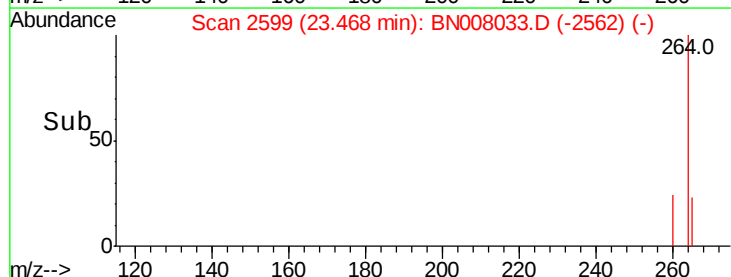
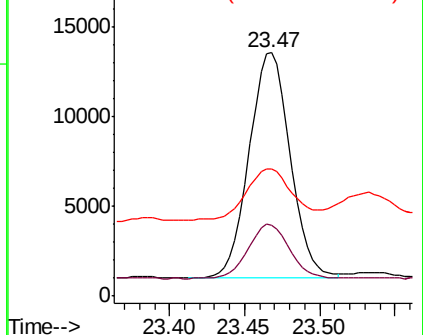
265 52.0 26.9 40.3#

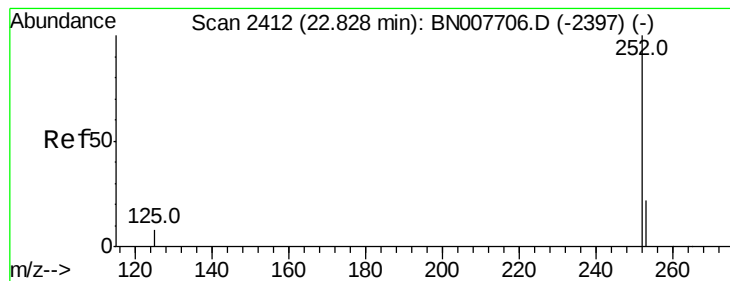


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 2.183 ng

RT: 22.81 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

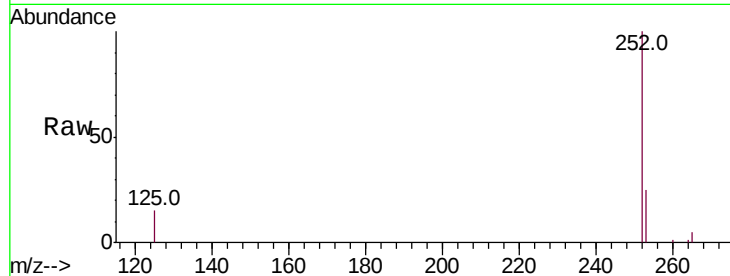
Tot Ion:252 Resp: 178259

Ion Ratio Lower Upper

252 100

253 25.0 18.3 27.5

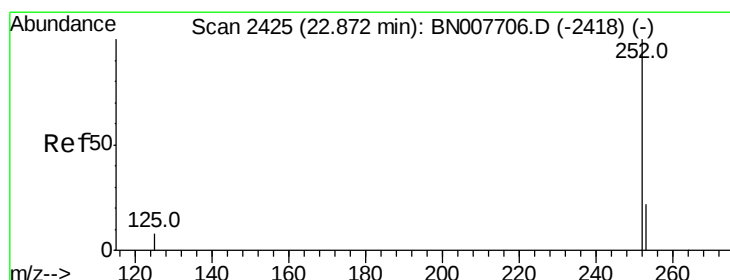
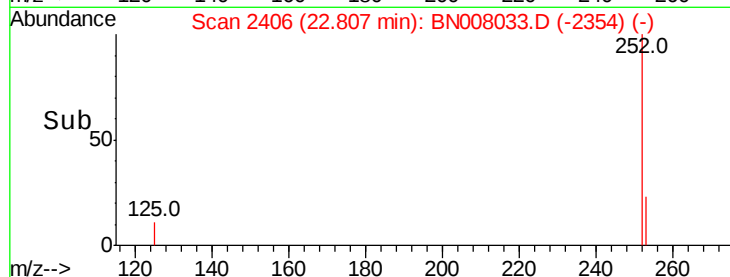
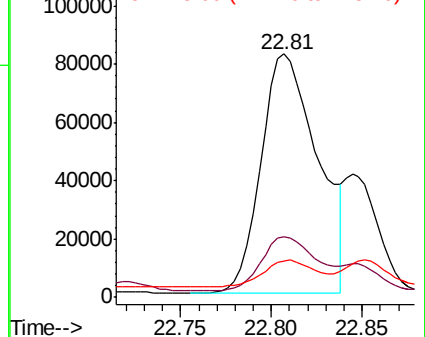
125 14.9 8.2 12.4#



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: 2.208 ng

RT: 22.81 min Scan# 2406

Delta R.T. -0.07 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

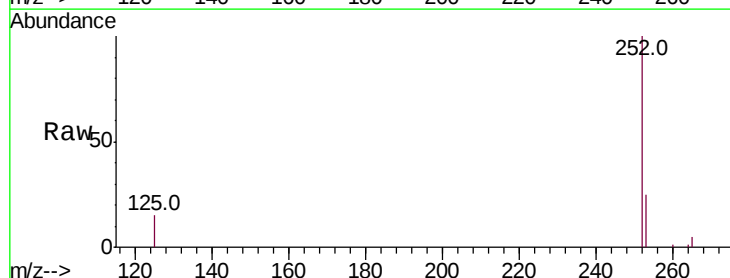
Tgt Ion:252 Resp: 178259

Ion Ratio Lower Upper

252 100

253 25.0 18.5 27.7

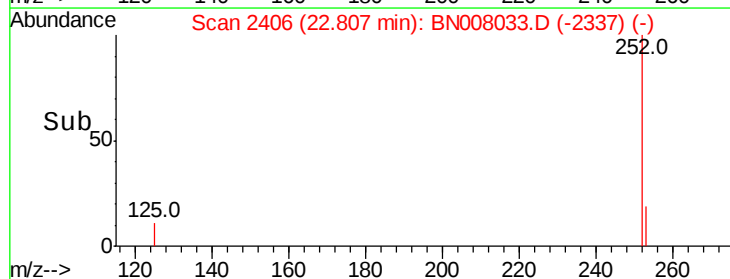
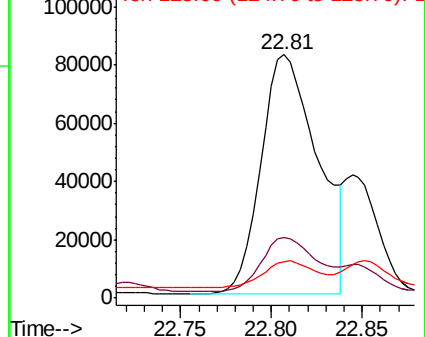
125 14.9 8.4 12.6#

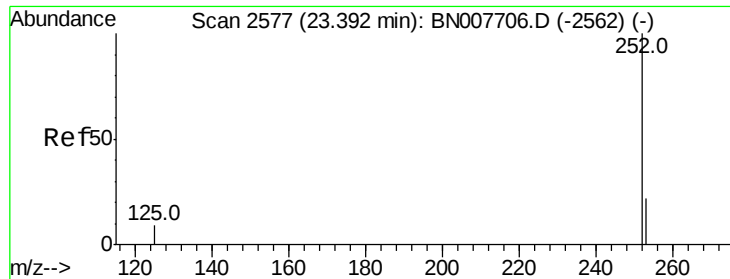


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.405 ng

RT: 23.37 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

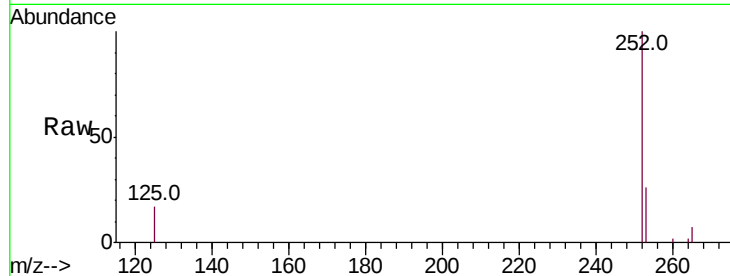
Tot Ion:252 Resp: 107755

Ion Ratio Lower Upper

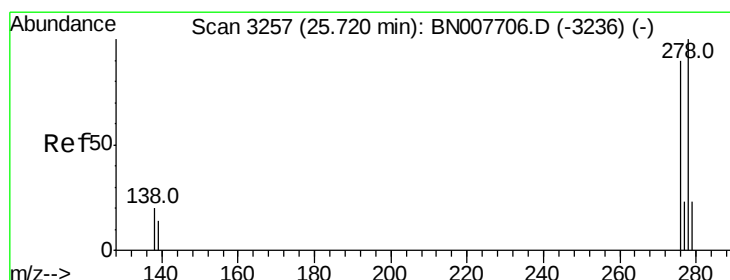
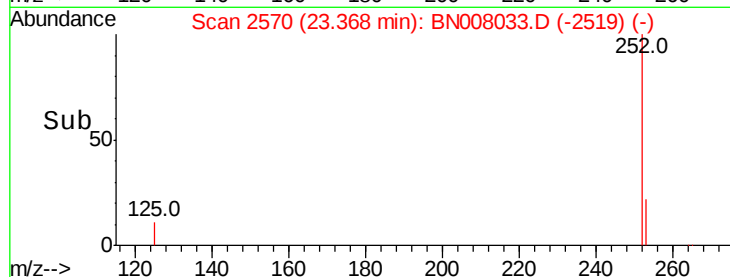
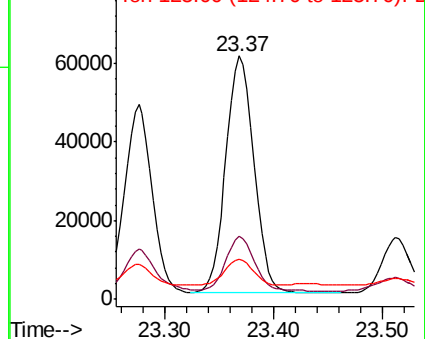
252 100

253 25.9 18.6 27.8

125 16.7 9.4 14.0#



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: 0.264 ng

RT: 25.68 min Scan# 3245

Delta R.T. -0.04 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

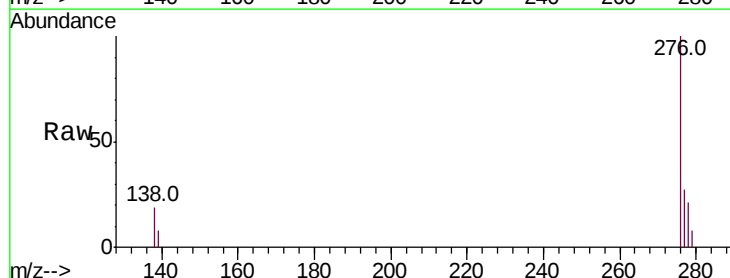
Tgt Ion:278 Resp: 20704

Ion Ratio Lower Upper

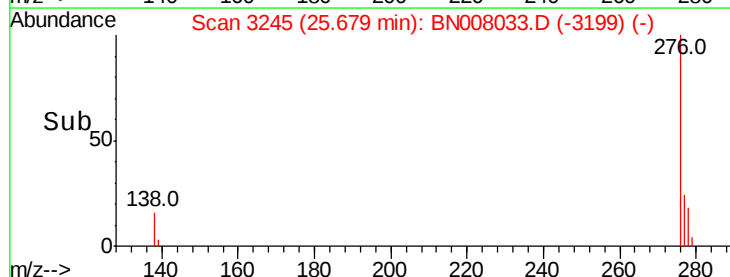
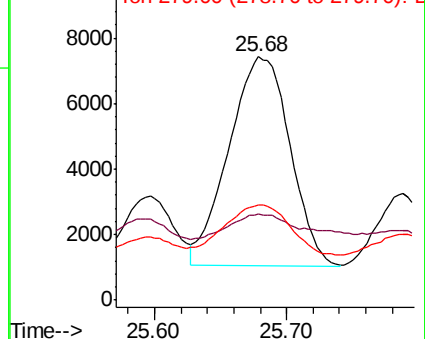
278 100

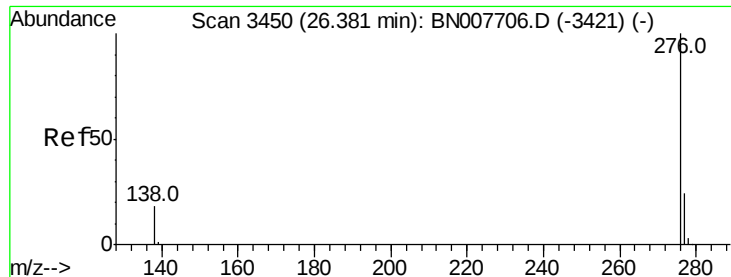
139 35.4 11.8 17.6#

279 38.8 19.4 29.2#



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: 1.201 ng

RT: 26.35 min Scan# 3442

Delta R.T. -0.03 min

Lab File: BN008033.D

Acq: 05 Oct 2019 19:26

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW071-092619

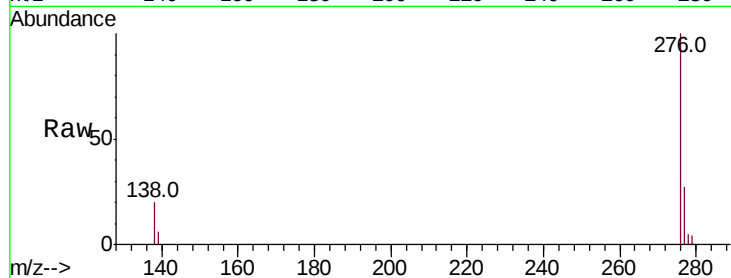
Tot Ion:276 Resp: 93253

Ion Ratio Lower Upper

276 100

277 26.8 19.8 29.8

138 20.3 15.1 22.7



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

