

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072220\
 Data File : BN011220.D
 Acq On : 21 Jul 2020 15:19
 Operator : CG/JU
 Sample : PB130052BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BSD

Quant Time: Jul 21 15:51:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 21 14:35:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1582	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5597	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3411	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	7536	0.40	ng	0.00
29) Chrysene-d12	21.10	240	5412	0.40	ng	0.00
36) Perylene-d12	23.23	264	5207	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1393	0.36	ng	0.00
5) Phenol-d6	6.69	99	1737	0.39	ng	0.00
8) Nitrobenzene-d5	8.64	82	1848	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	3719	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	529	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5601	0.35	ng	0.00
27) Fluoranthene-d10	18.92	212	8163	0.34	ng	0.00
31) Terphenyl-d14	19.54	244	6400	0.45	ng	0.00

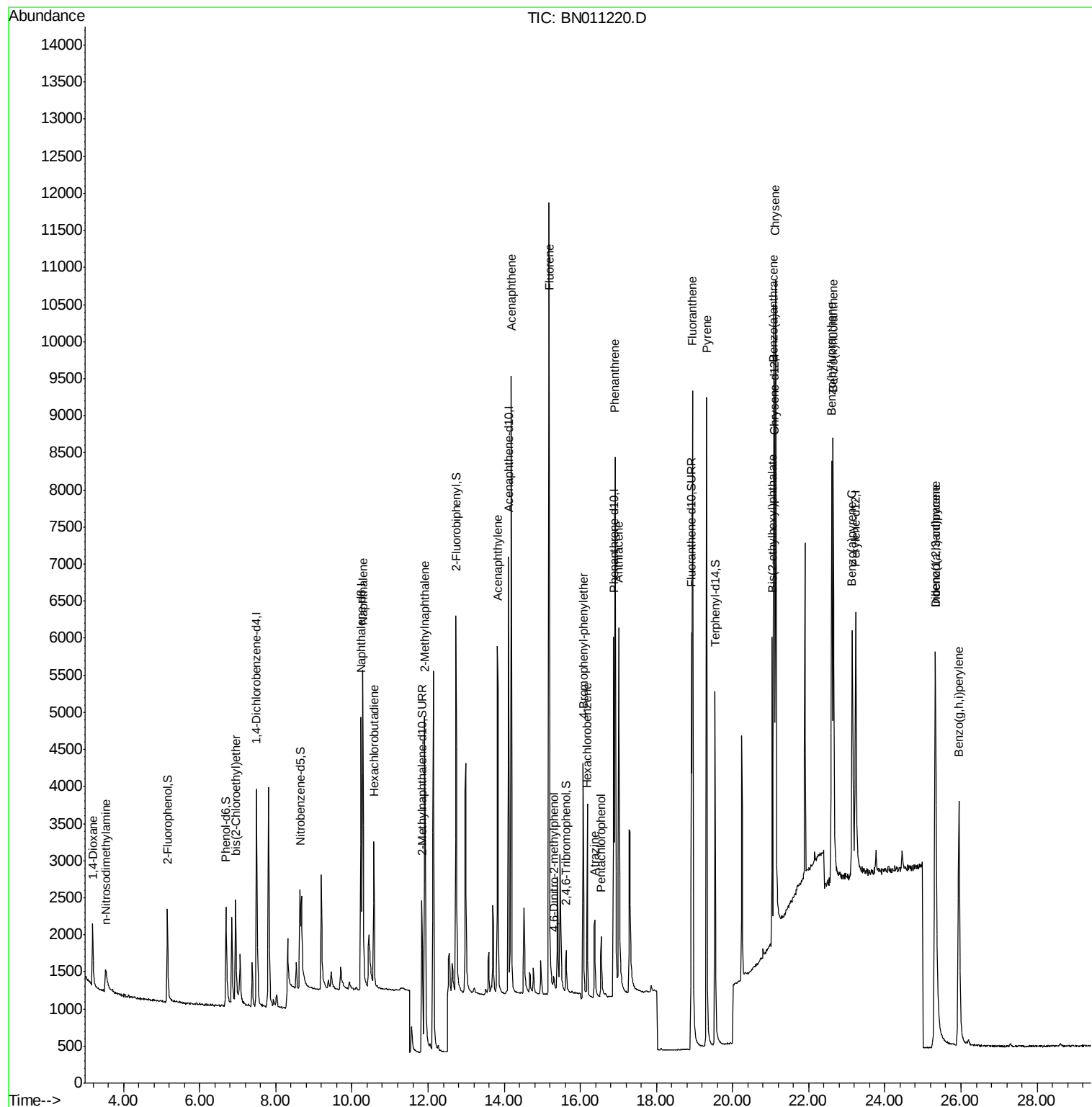
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	768	0.340	ng	91
3) n-Nitrosodimethylamine	3.52	42	416	0.366	ng	# 91
6) bis(2-Chloroethyl)ether	6.94	93	1469	0.364	ng	98
9) Naphthalene	10.29	128	6272	0.377	ng	99
10) Hexachlorobutadiene	10.58	225	1510	0.366	ng	# 99
12) 2-Methylnaphthalene	11.91	142	4299	0.410	ng	99
16) Acenaphthylene	13.82	152	6178	0.356	ng	100
17) Acenaphthene	14.18	154	4253	0.367	ng	100
18) Fluorene	15.18	166	5604	0.377	ng	98
20) 4,6-Dinitro-2-methylphenol	15.30	198	270	0.325	ng	99
21) 4-Bromophenyl-phenylether	16.08	248	1844	0.360	ng	98
22) Hexachlorobenzene	16.19	284	2064	0.346	ng	97
23) Atrazine	16.37	200	1355	0.377	ng	98
24) Pentachlorophenol	16.54	266	567	0.321	ng	94
25) Phenanthrene	16.91	178	8823	0.364	ng	99
26) Anthracene	17.00	178	6955	0.346	ng	99
28) Fluoranthene	18.95	202	9846	0.339	ng	100
30) Pvrene	19.32	202	9565	0.463	ng	99
32) Benzo(a)anthracene	21.08	228	6920	0.395	ng	98
33) Chrysene	21.13	228	8322	0.388	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	3444	0.477	ng	97
35) Indeno(1,2,3-cd)pyrene	25.32	276	8623	0.384	ng	99
37) Benzo(b)fluoranthene	22.60	252	7572	0.362	ng	99
38) Benzo(k)fluoranthene	22.64	252	8803	0.372	ng	98
39) Benzo(a)pyrene	23.14	252	6578	0.349	ng	99
40) Dibenzo(a,h)anthracene	25.33	278	6713	0.336	ng	99
41) Benzo(g,h,i)perylene	25.94	276	7689	0.351	ng	100

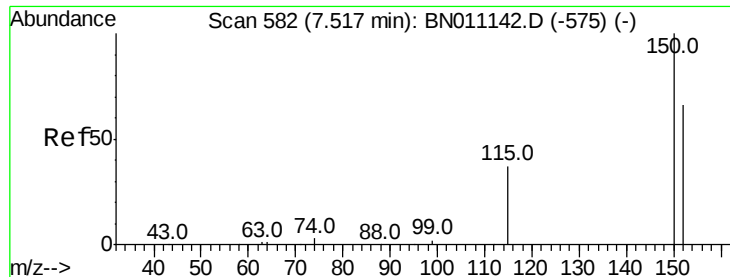
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 21 15:51:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
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QLast Update : Tue Jul 21 14:35:20 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

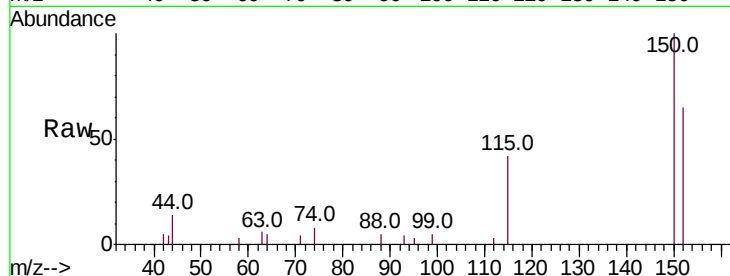
Tot Ion:152 Resp: 1582

Ion Ratio Lower Upper

152 100

150 153.5 119.4 179.0

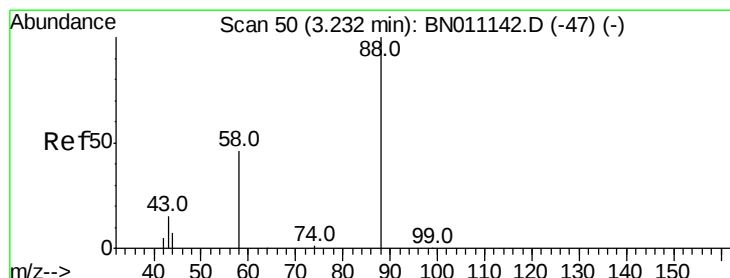
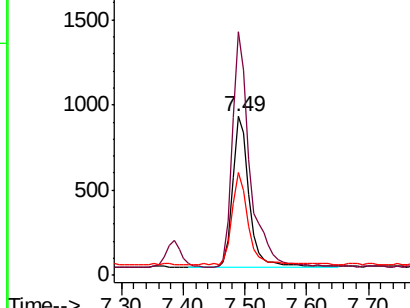
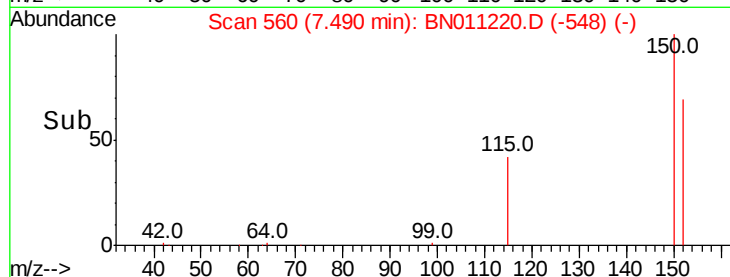
115 64.7 48.3 72.5



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: 0.340 ng

RT: 3.19 min Scan# 26

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

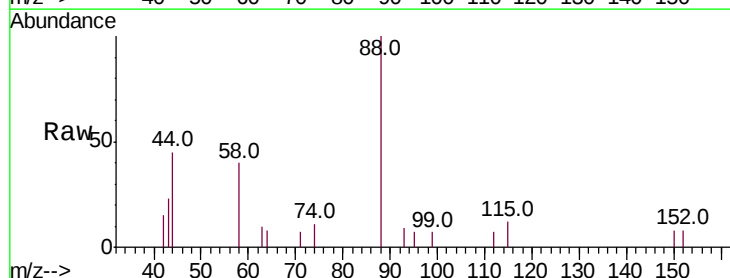
Tgt Ion: 88 Resp: 768

Ion Ratio Lower Upper

88 100

58 52.2 36.5 54.7

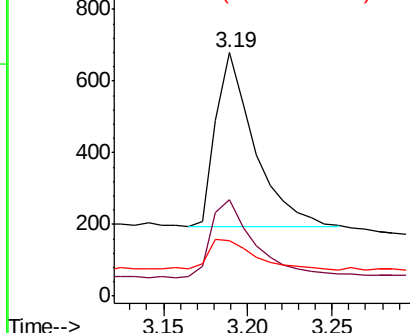
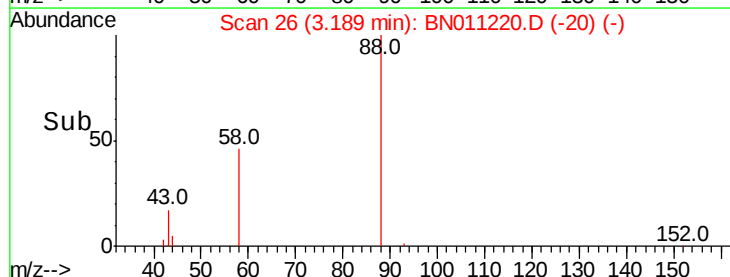
43 20.6 14.3 21.5

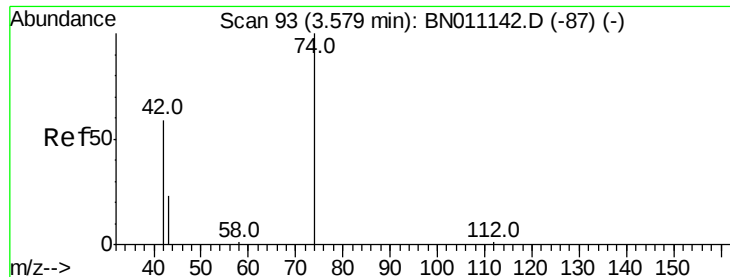


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



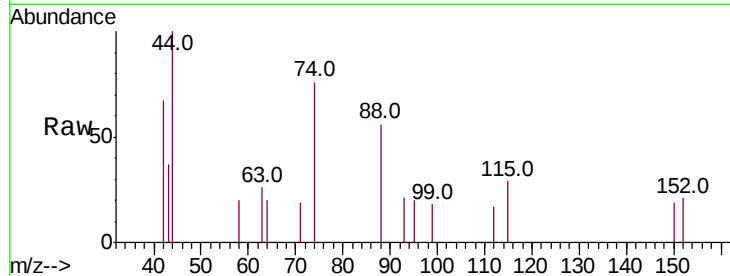


#3

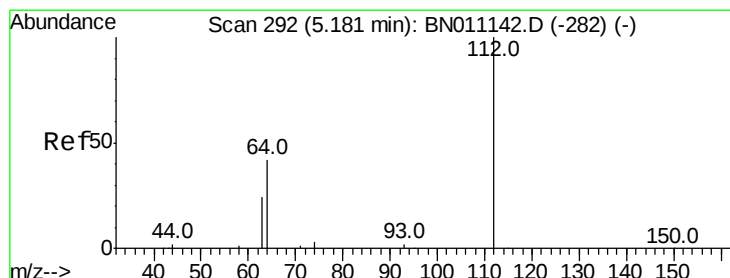
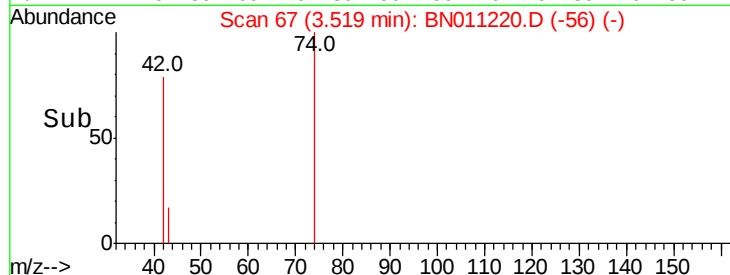
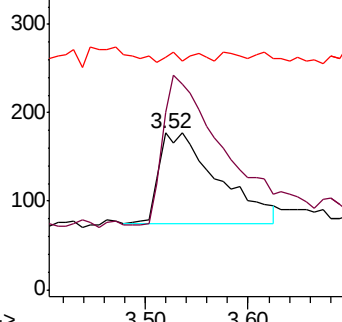
n-Nitrosodimethylamine
 Concen: 0.366 ng
 RT: 3.52 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BN011220.D
 Acq: 21 Jul 2020 15:19

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BSD

Tot Ion: 42 Resp: 416
 Ion Ratio Lower Upper
 42 100
 74 164.2 140.9 211.3
 44 2.2 7.6 11.4#



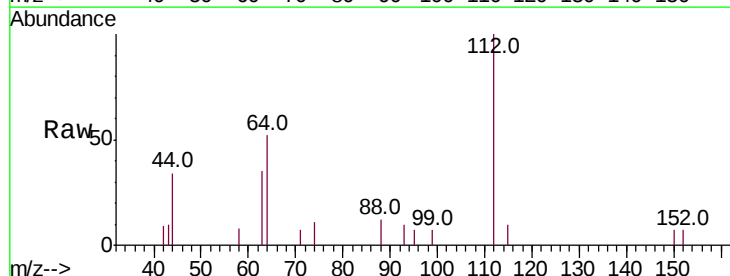
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



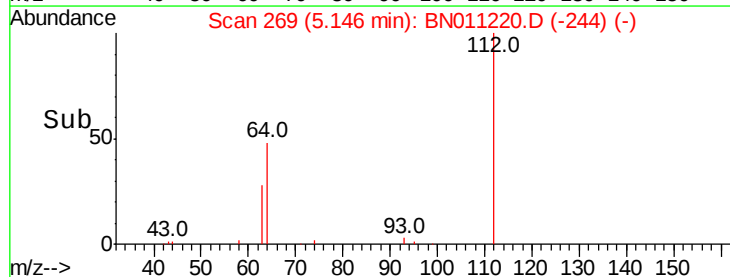
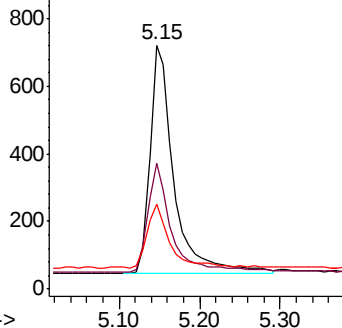
#4

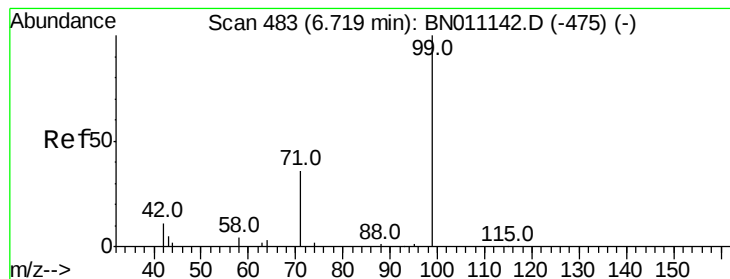
2-Fluorophenol
 Concen: 0.357 ng
 RT: 5.15 min Scan# 269
 Delta R.T. 0.00 min
 Lab File: BN011220.D
 Acq: 21 Jul 2020 15:19

Tgt Ion: 112 Resp: 1393
 Ion Ratio Lower Upper
 112 100
 64 46.2 36.7 55.1
 63 27.1 20.4 30.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.394 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

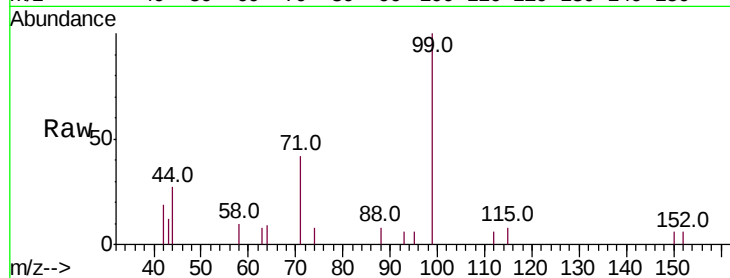
Tot Ion: 99 Resp: 1737

Ion Ratio Lower Upper

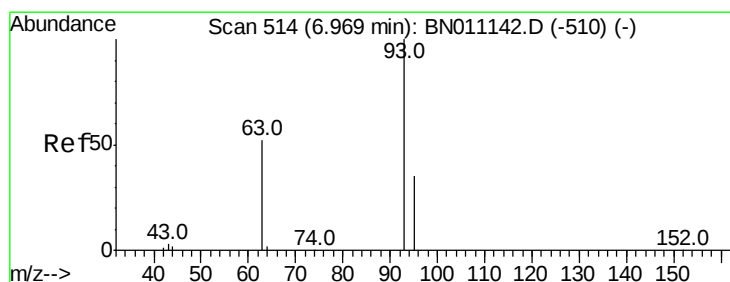
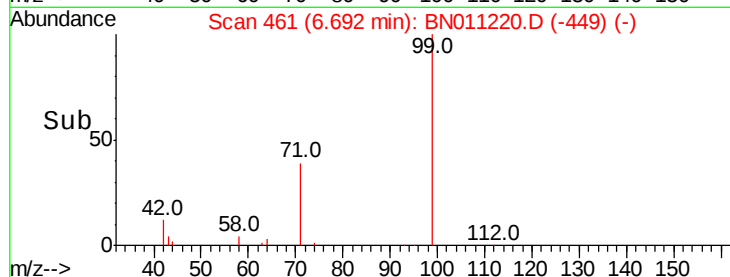
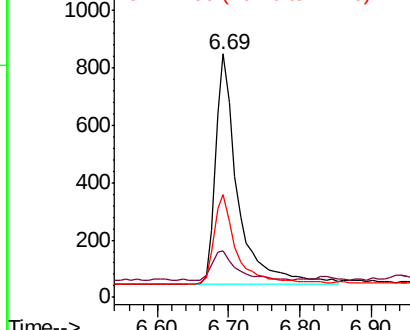
99 100

42 13.5 10.8 16.2

71 38.9 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.364 ng

RT: 6.94 min Scan# 492

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

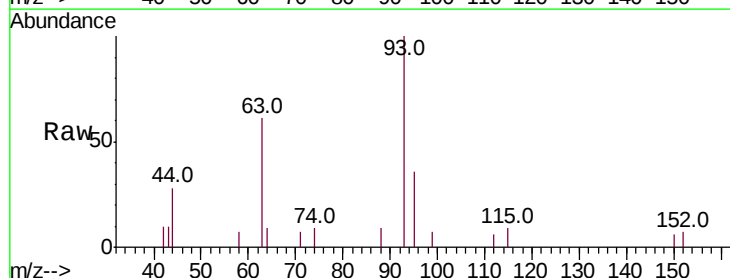
Tgt Ion: 93 Resp: 1469

Ion Ratio Lower Upper

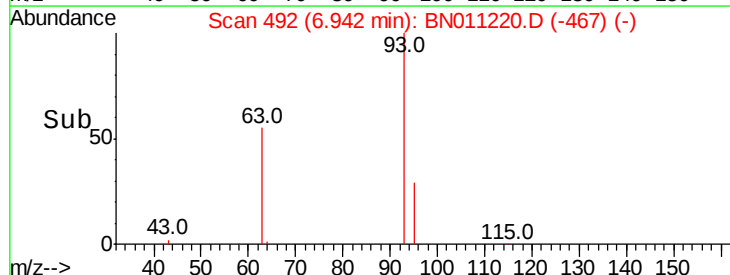
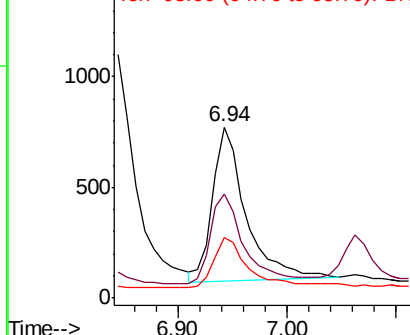
93 100

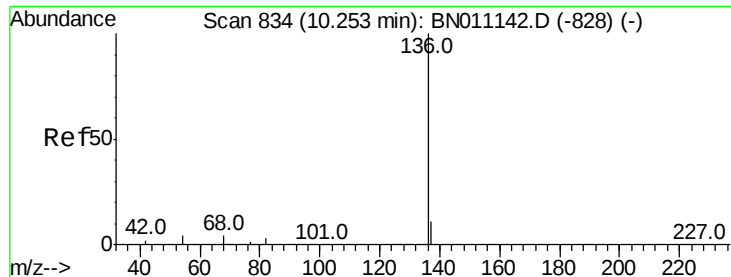
63 60.5 47.4 71.0

95 36.5 28.1 42.1



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

Tot Ion:136 Resp: 5597

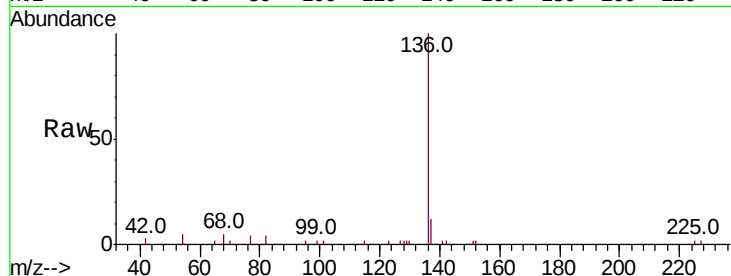
Ion Ratio Lower Upper

136 100

137 12.2 10.3 15.5

54 5.2 4.9 7.3

68 5.4 4.9 7.3

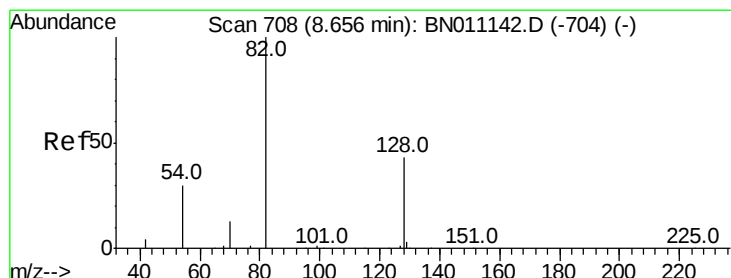
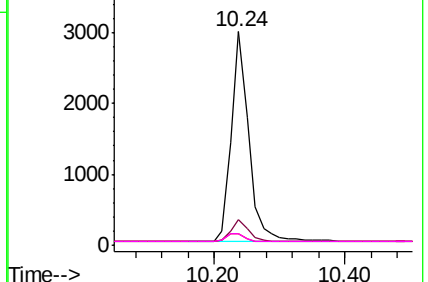
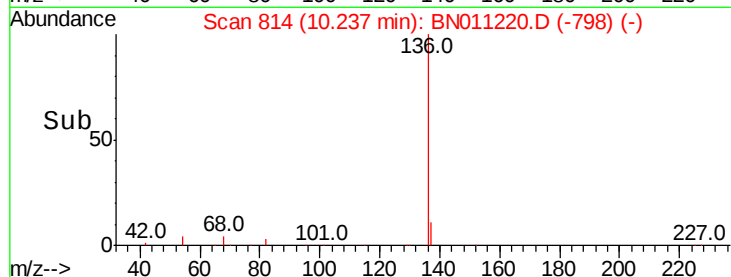


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 8.64 min Scan# 688

Delta R.T. 0.01 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

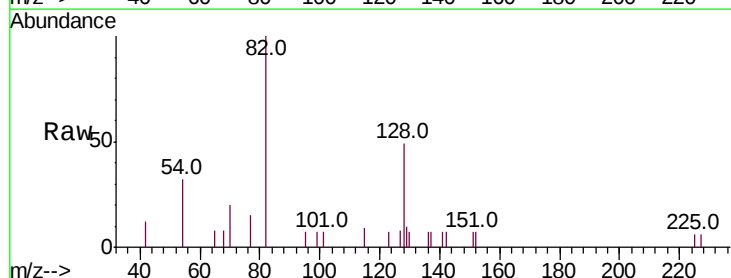
Tgt Ion: 82 Resp: 1848

Ion Ratio Lower Upper

82 100

128 48.6 38.1 57.1

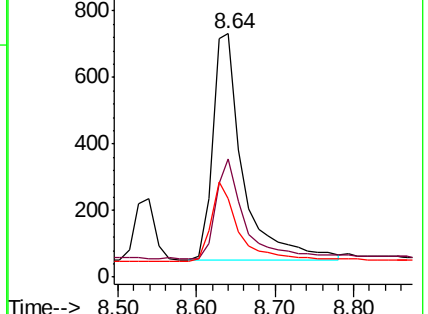
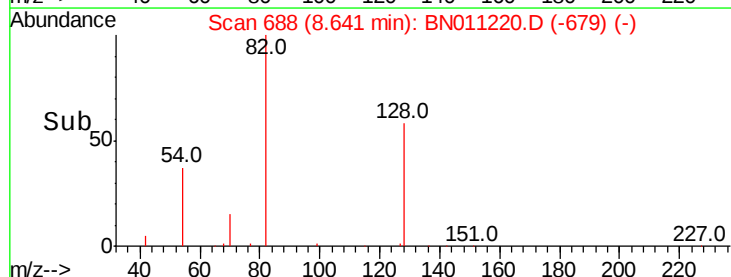
54 32.4 27.1 40.7

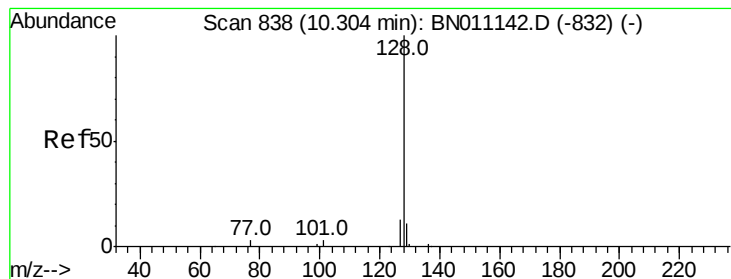


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.377 ng

RT: 10.29 min Scan# 818

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

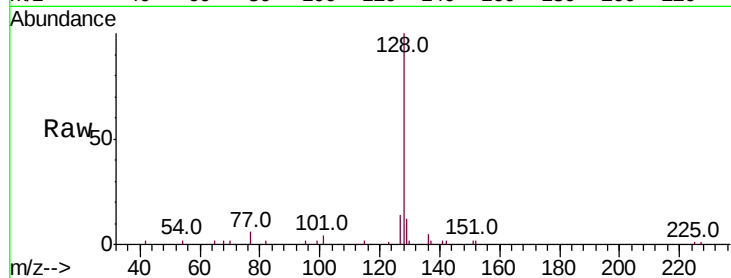
Tot Ion:128 Resp: 6272

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.6

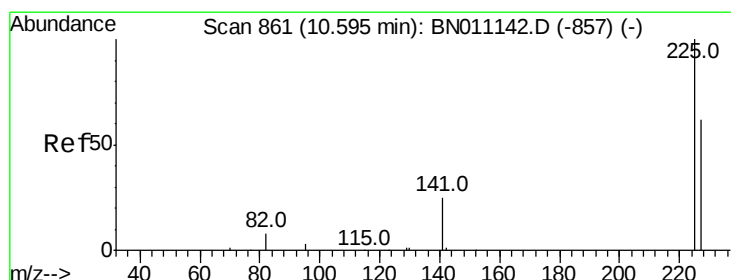
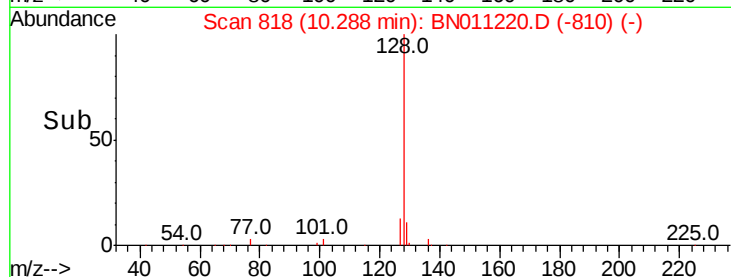
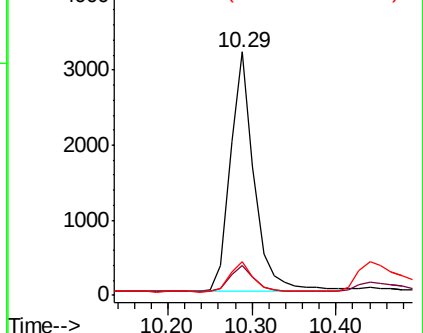
127 14.0 11.8 17.6



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: 0.366 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

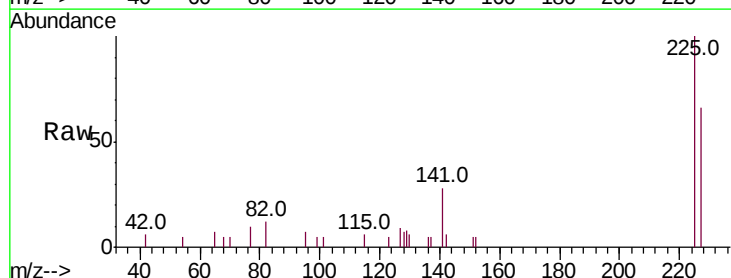
Tgt Ion:225 Resp: 1510

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

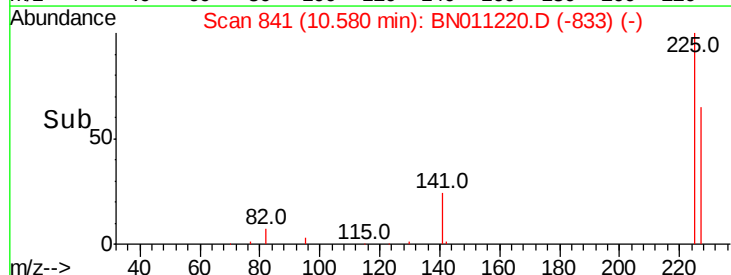
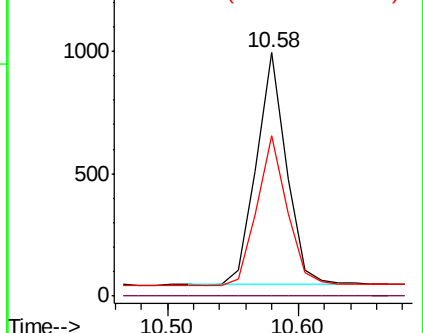
227 64.4 51.2 76.8

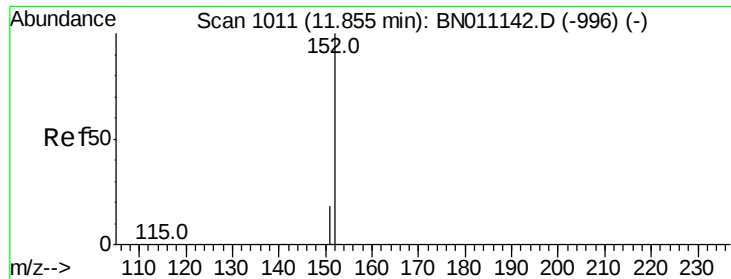


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

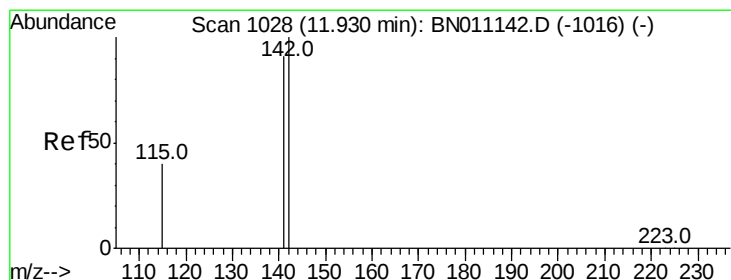
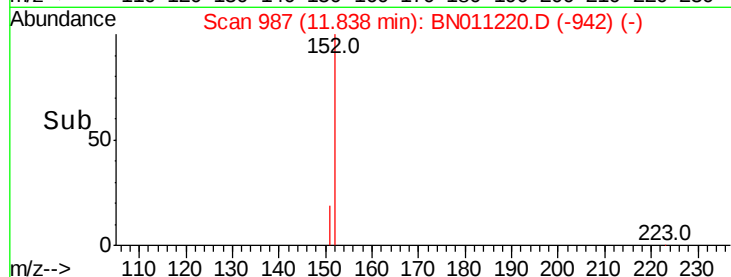
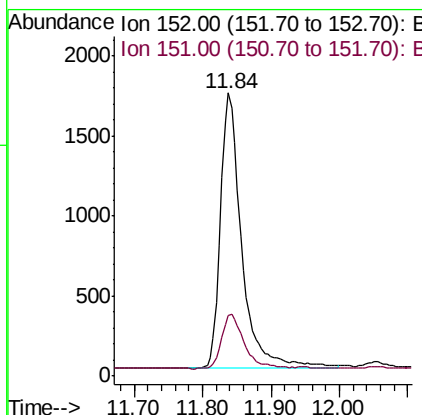
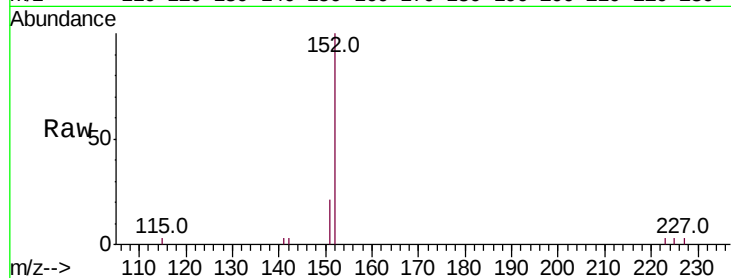




#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 11.84 min Scan# 987
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

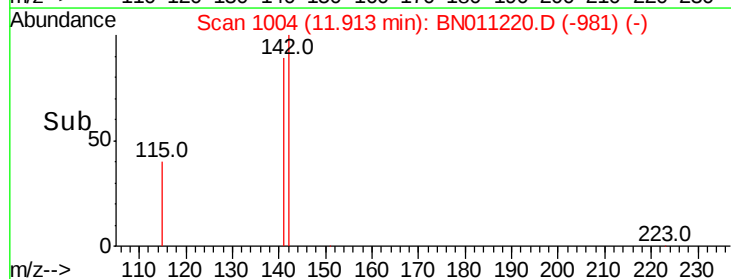
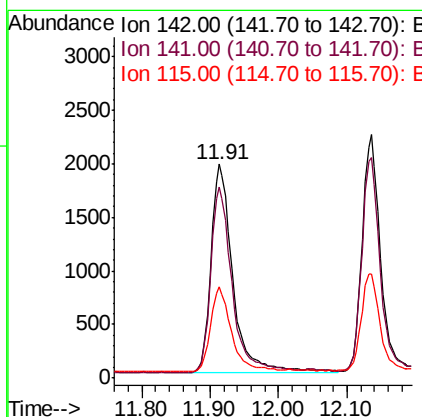
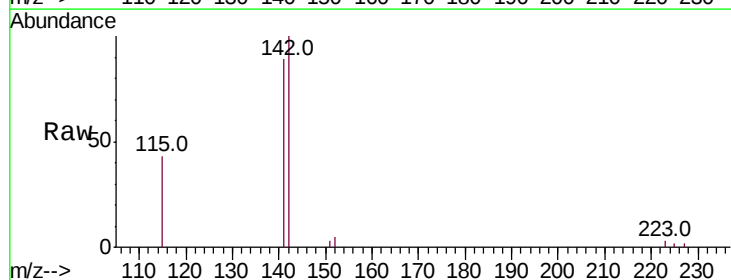
Instrument :
BNA_N
ClientSampleId :
PB130052BSD

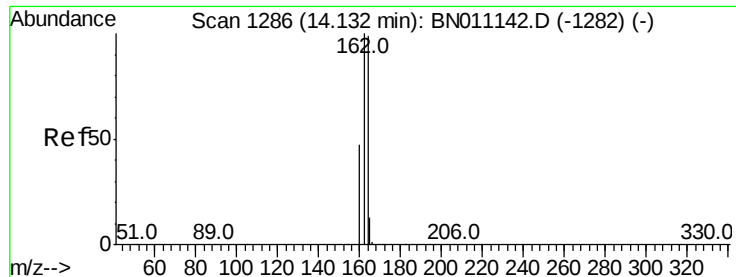
Tot Ion:152 Resp: 3719
Ion Ratio Lower Upper
152 100
151 21.2 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 11.91 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

Tgt Ion:142 Resp: 4299
Ion Ratio Lower Upper
142 100
141 89.4 72.7 109.1
115 42.5 33.8 50.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

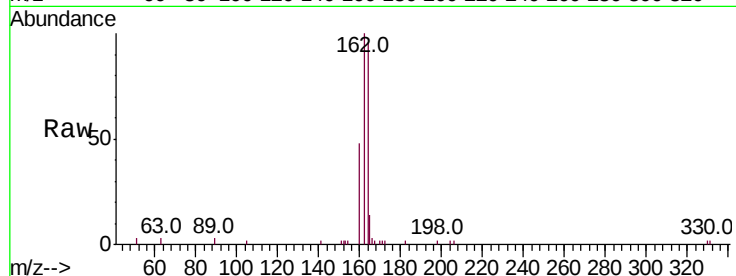
Tot Ion:164 Resp: 3411

Ion Ratio Lower Upper

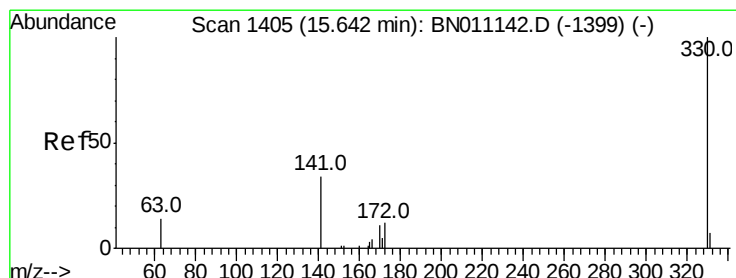
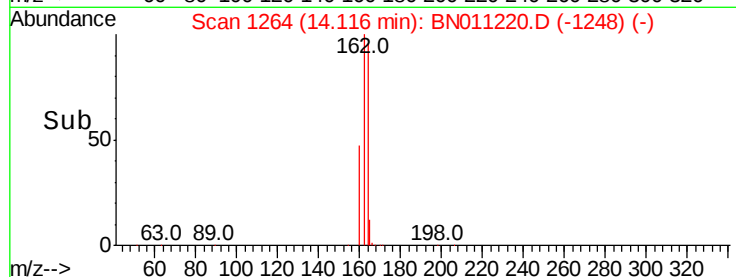
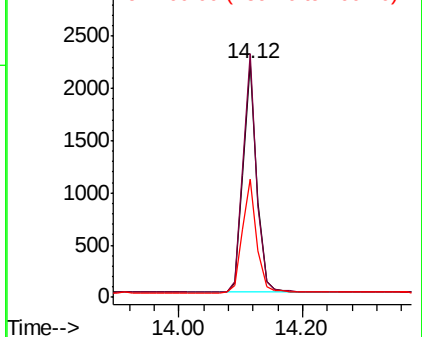
164 100

162 104.0 81.0 121.4

160 50.2 39.0 58.6



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: 0.349 ng

RT: 15.63 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

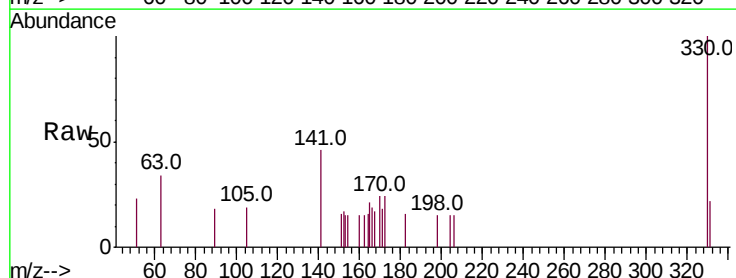
Tgt Ion:330 Resp: 529

Ion Ratio Lower Upper

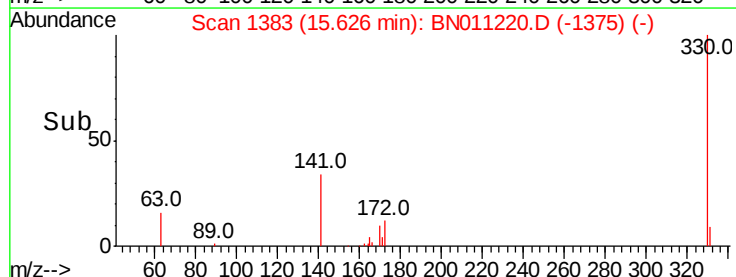
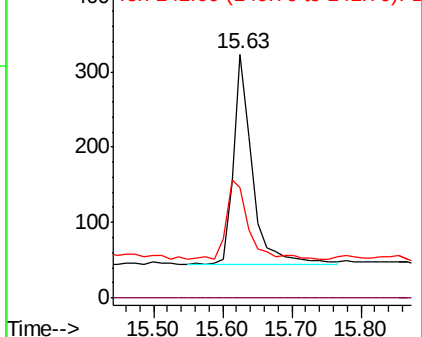
330 100

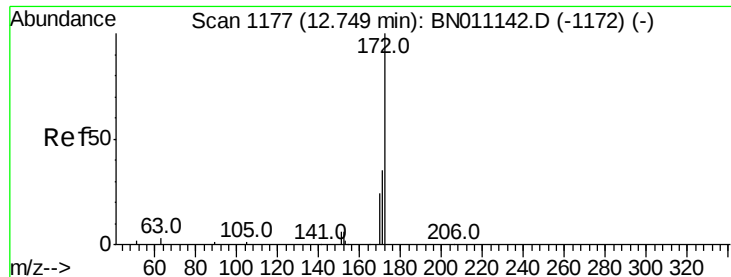
332 0.0 0.0 0.0

141 45.6 31.5 47.3



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

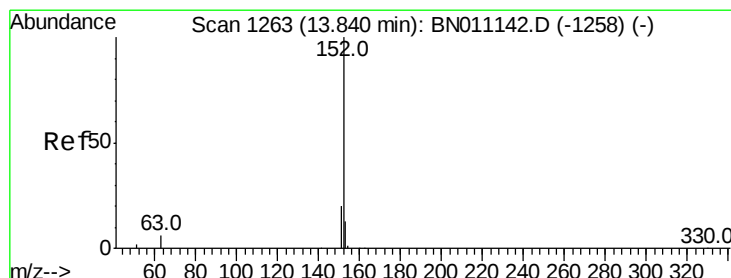
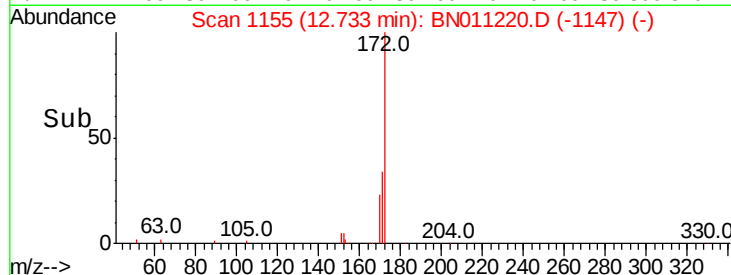
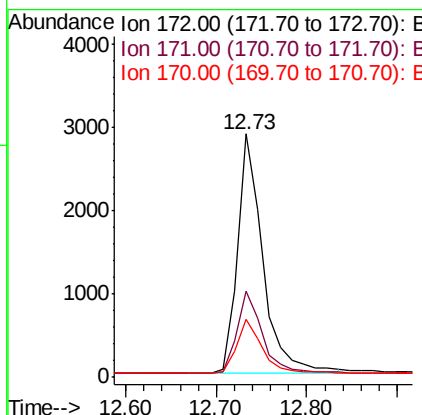
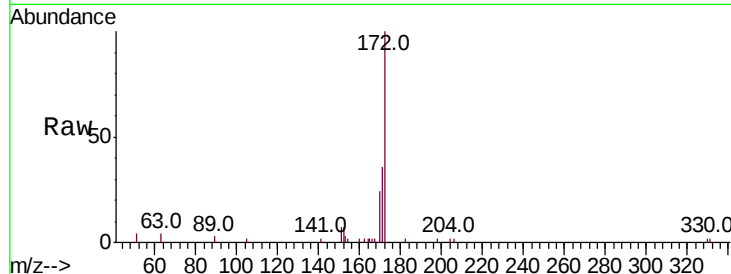




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

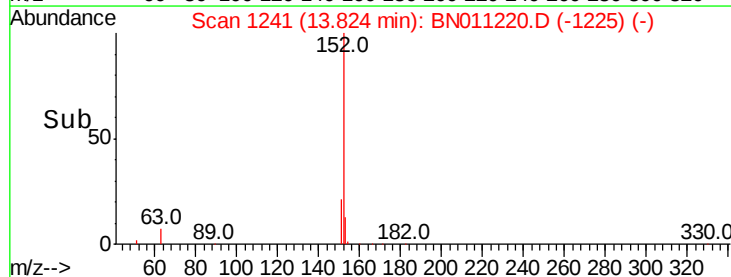
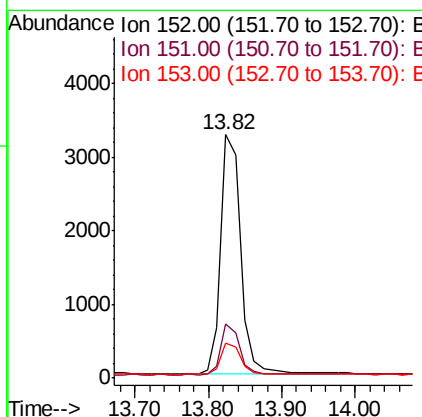
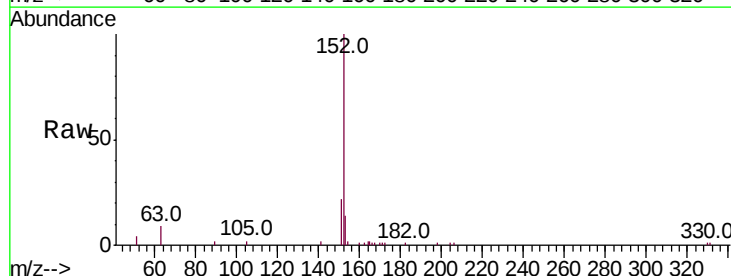
Instrument :
BNA_N
ClientSampleId :
PB130052BSD

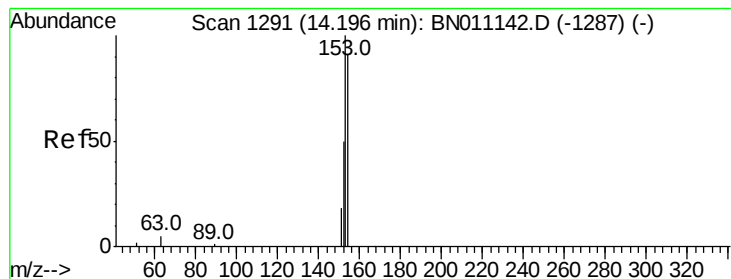
Tot Ion:172 Resp: 5601
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 24.0 20.3 30.5



#16
Acenaphthylene
Concen: 0.356 ng
RT: 13.82 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

Tgt Ion:152 Resp: 6178
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.367 ng

RT: 14.18 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

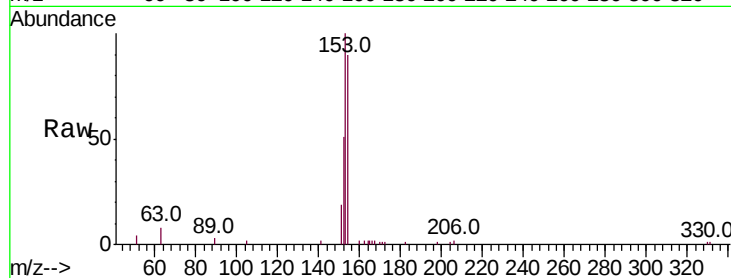
Tot Ion:154 Resp: 4253

Ion Ratio Lower Upper

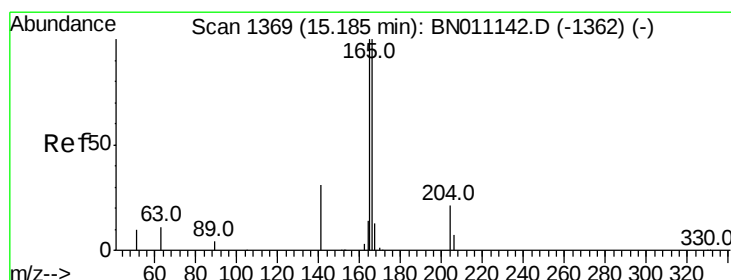
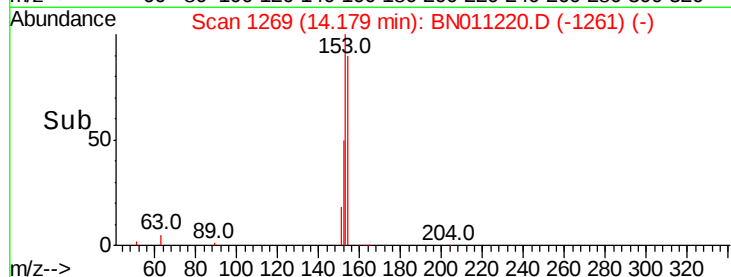
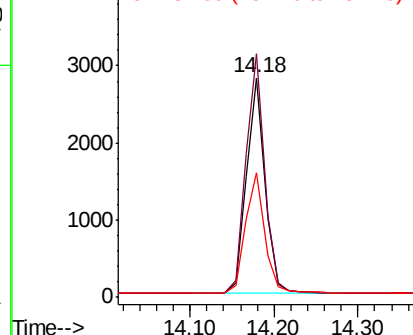
154 100

153 114.1 91.3 136.9

152 58.8 46.6 69.8



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: 0.377 ng

RT: 15.18 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

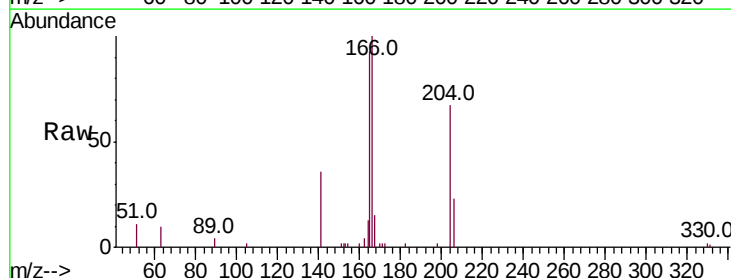
Tgt Ion:166 Resp: 5604

Ion Ratio Lower Upper

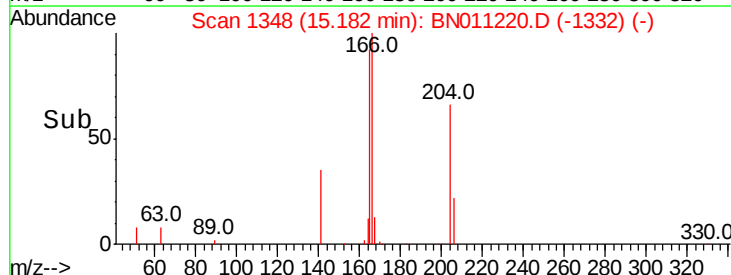
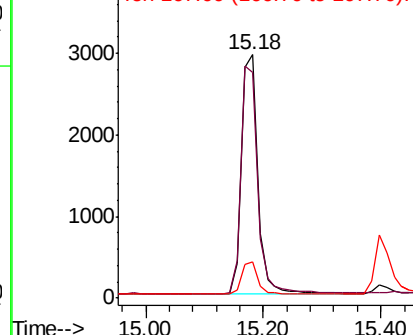
166 100

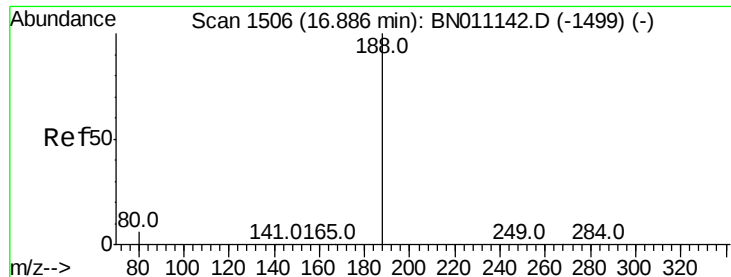
165 96.8 79.1 118.7

167 13.4 10.5 15.7



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

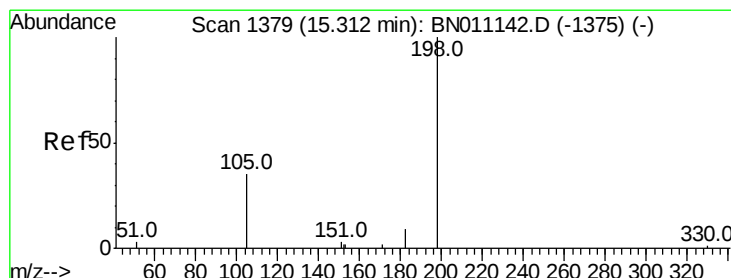
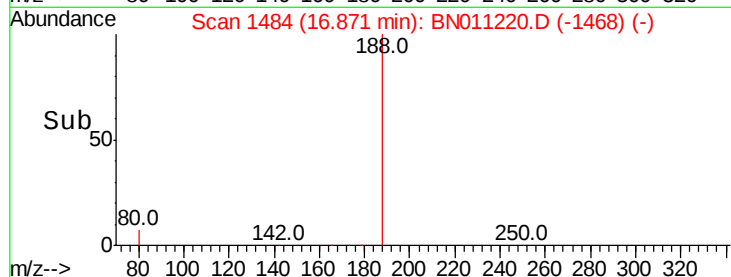
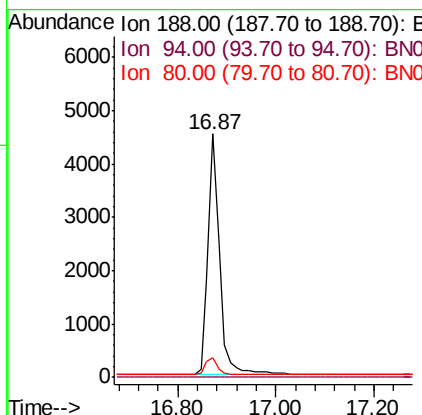
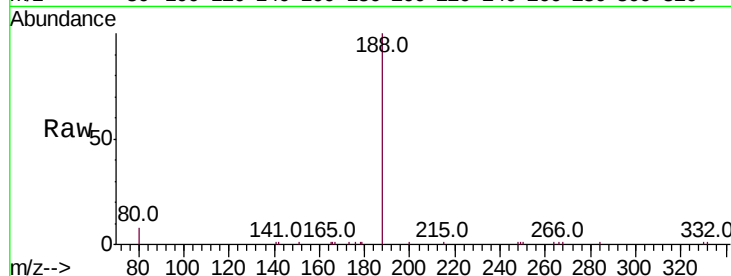




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.87 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

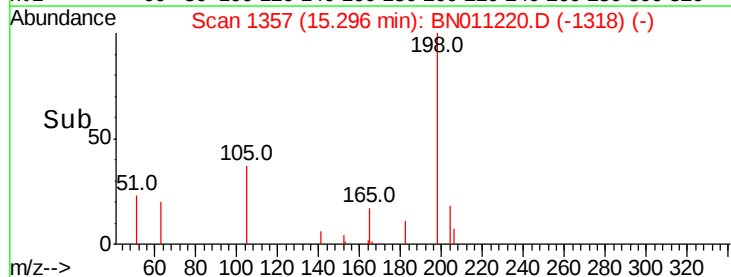
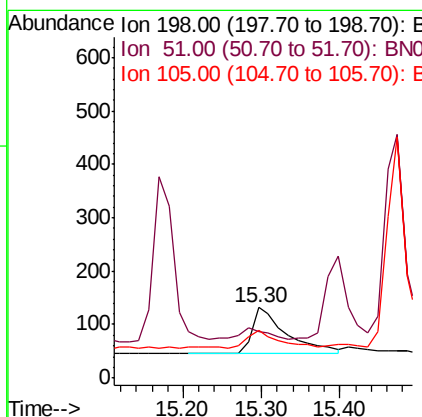
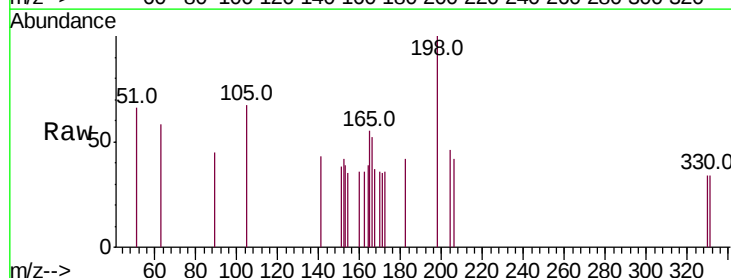
Instrument :
BNA_N
ClientSampleId :
PB130052BSD

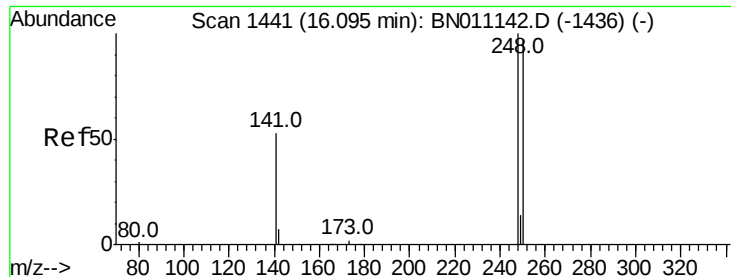
Tot Ion:188 Resp: 7536
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 6.3 9.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.325 ng
RT: 15.30 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

Tgt Ion:198 Resp: 270
Ion Ratio Lower Upper
198 100
51 65.9 53.1 79.7
105 66.7 51.9 77.9

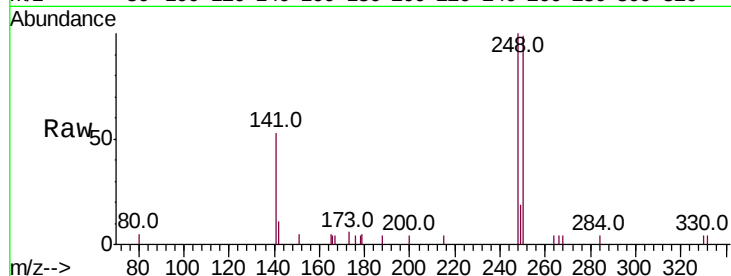




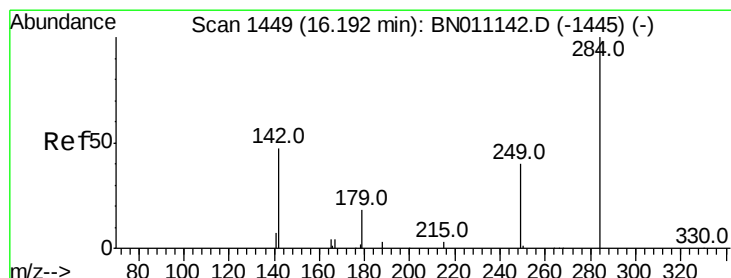
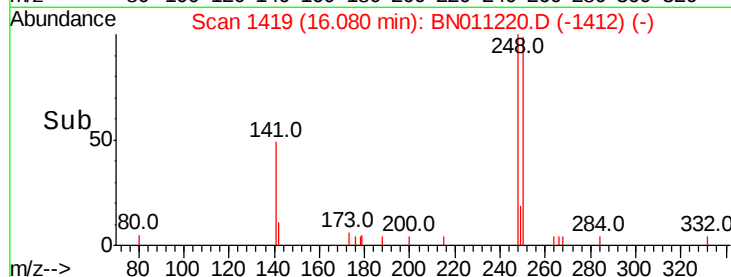
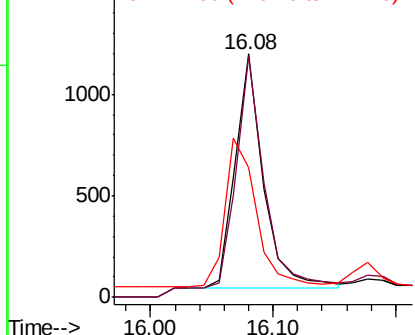
#21
4-Bromophenyl-phenylether
Concen: 0.360 ng
RT: 16.08 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

Instrument :
BNA_N
ClientSampleId :
PB130052BSD

Tot Ion:248 Resp: 1844
Ion Ratio Lower Upper
248 100
250 99.0 78.4 117.6
141 53.4 45.1 67.7

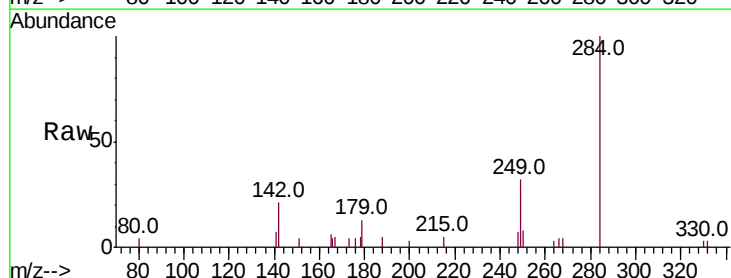


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

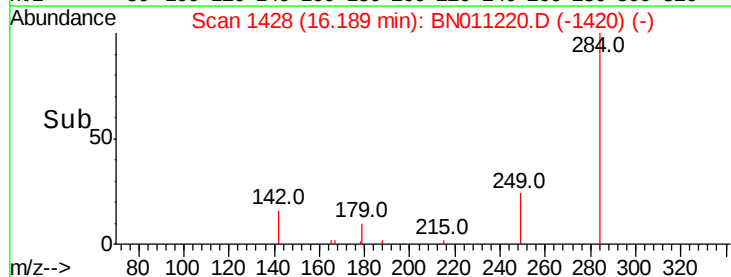
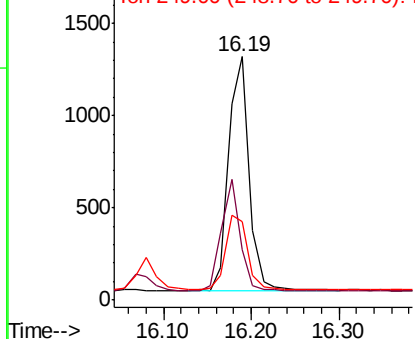


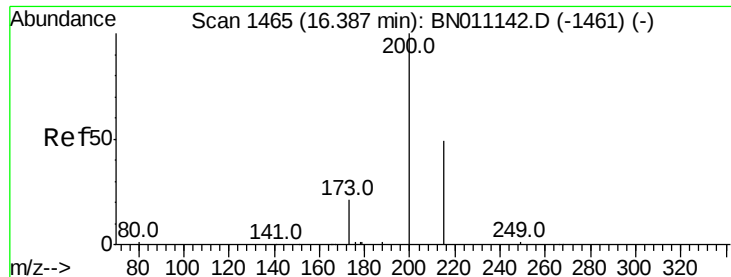
#22
Hexachlorobenzene
Concen: 0.346 ng
RT: 16.19 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

Tgt Ion:284 Resp: 2064
Ion Ratio Lower Upper
284 100
142 43.5 32.6 48.8
249 35.0 28.4 42.6



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

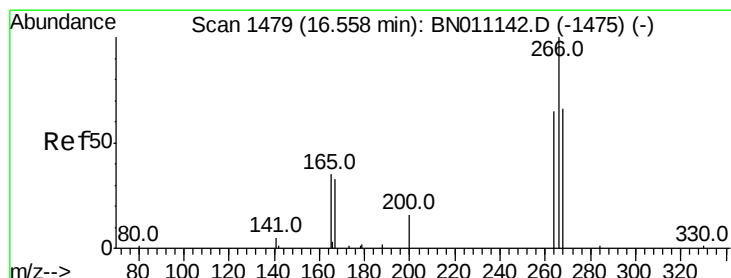
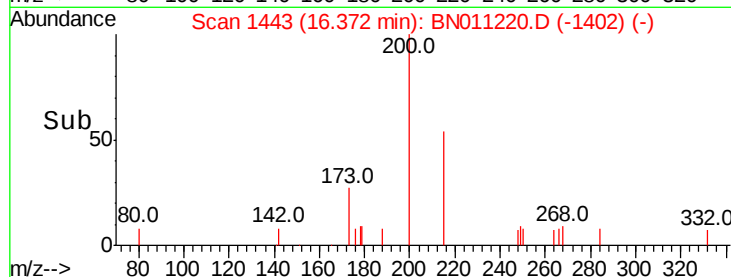
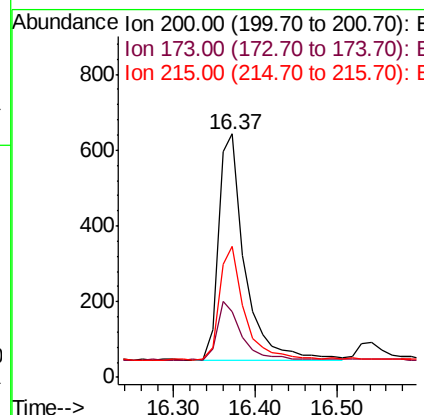
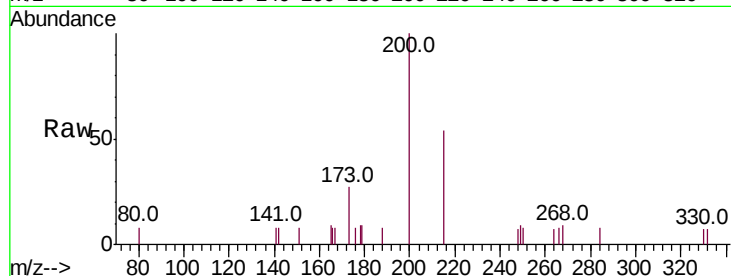




#23
Atrazine
Concen: 0.377 ng
RT: 16.37 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

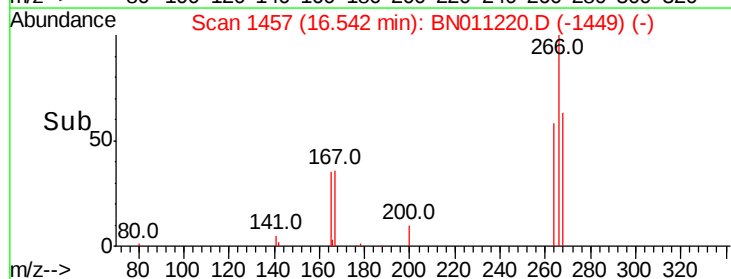
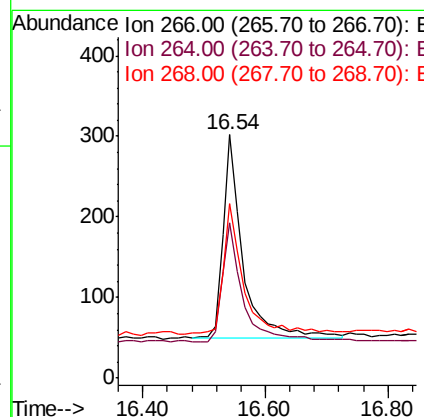
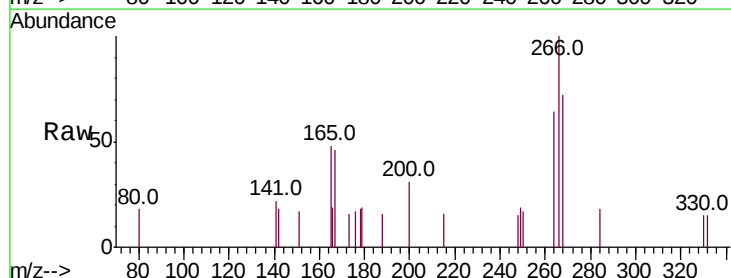
Instrument :
BNA_N
ClientSampleId :
PB130052BSD

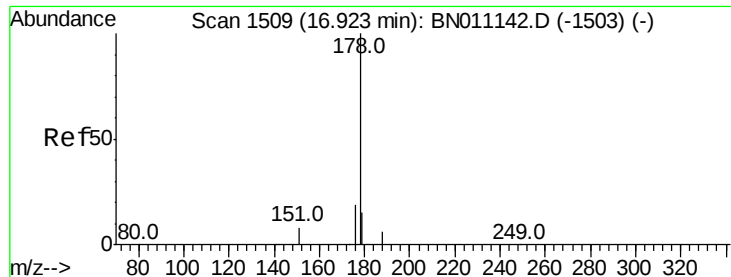
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	23.0	34.4
215	53.8	42.6	63.8



#24
Pentachlorophenol
Concen: 0.321 ng
RT: 16.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.0	52.5	78.7
268	65.6	48.9	73.3





#25

Phenanthrene

Concen: 0.364 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

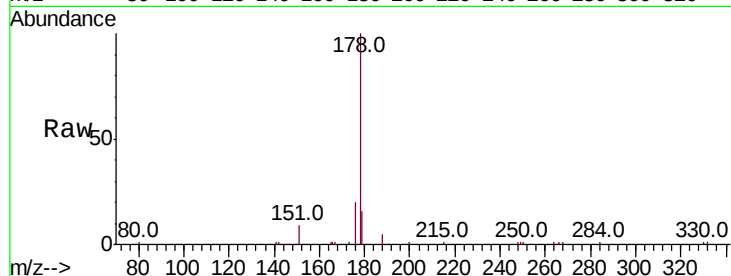
Tot Ion:178 Resp: 8823

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

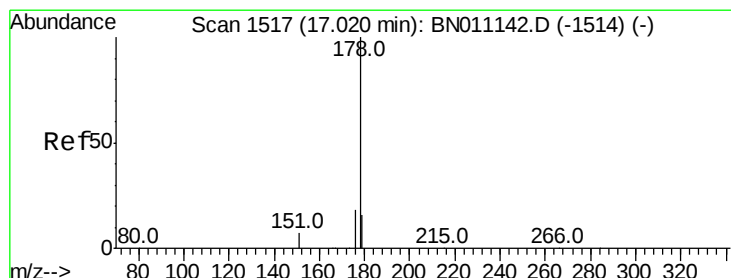
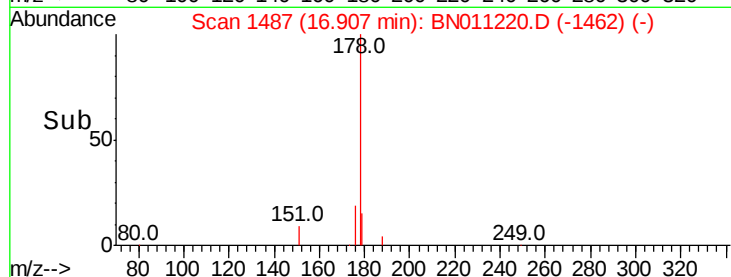
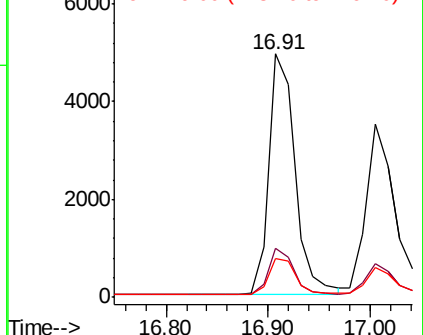
179 15.4 12.6 18.8



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



#26

Anthracene

Concen: 0.346 ng

RT: 17.00 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

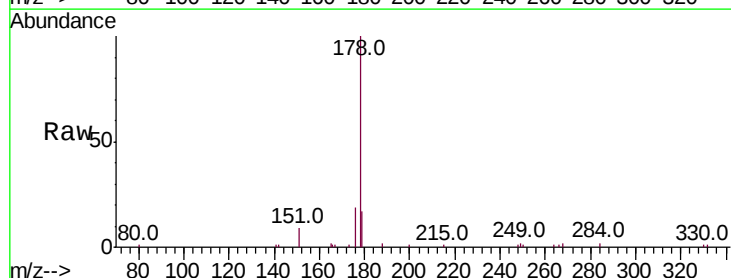
Tgt Ion:178 Resp: 6955

Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

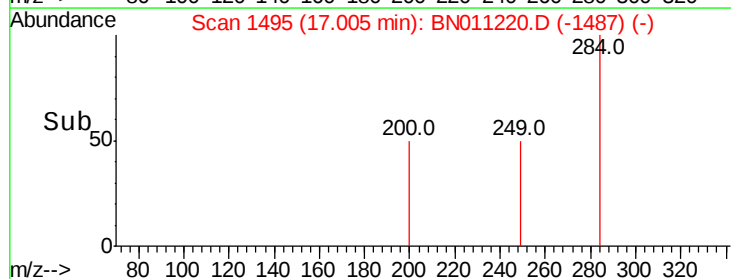
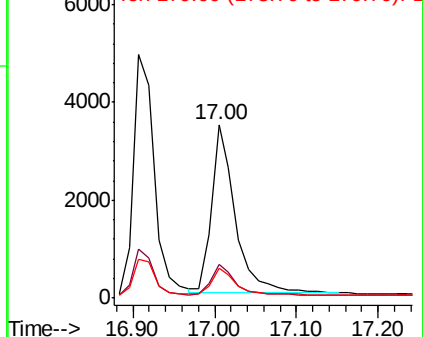
179 16.0 12.0 18.0

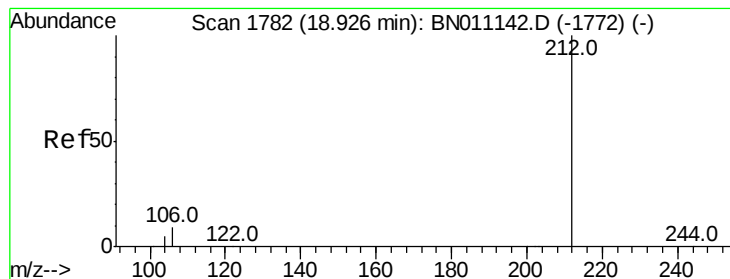


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.344 ng

RT: 18.92 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

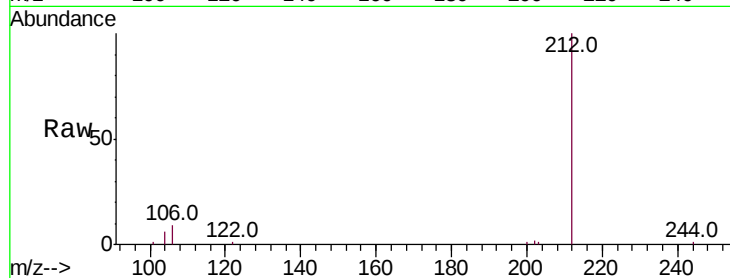
Tot Ion:212 Resp: 8163

Ion Ratio Lower Upper

212 100

106 8.5 7.0 10.6

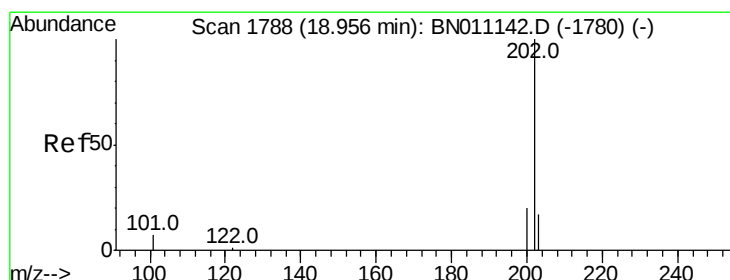
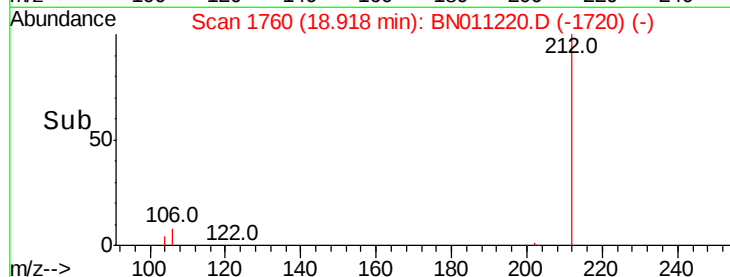
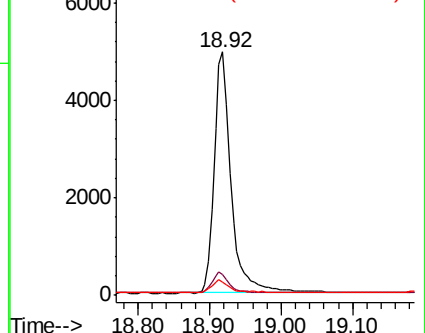
104 4.9 4.2 6.4



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



#28

Fluoranthene

Concen: 0.339 ng

RT: 18.95 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

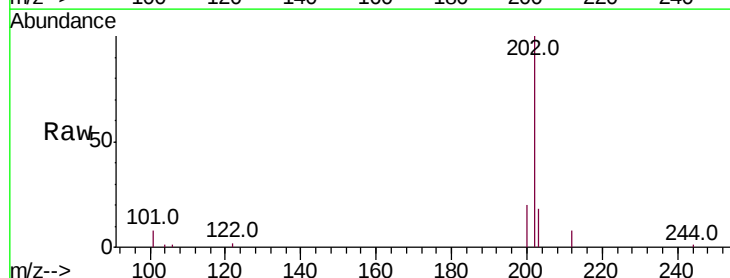
Tgt Ion:202 Resp: 9846

Ion Ratio Lower Upper

202 100

101 7.4 5.9 8.9

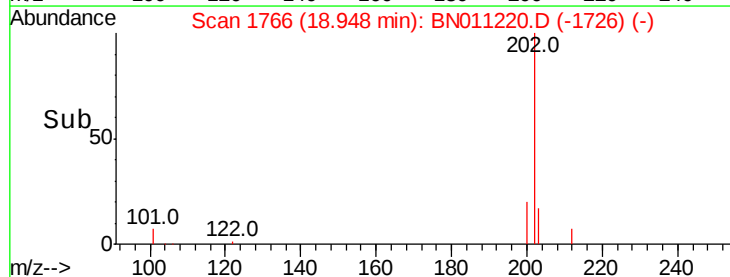
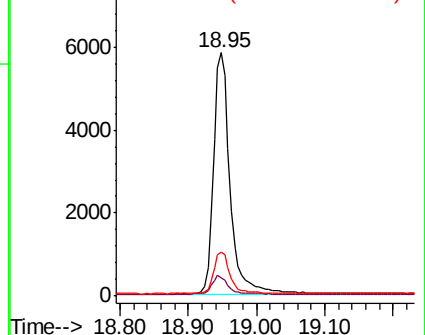
203 17.2 13.6 20.4

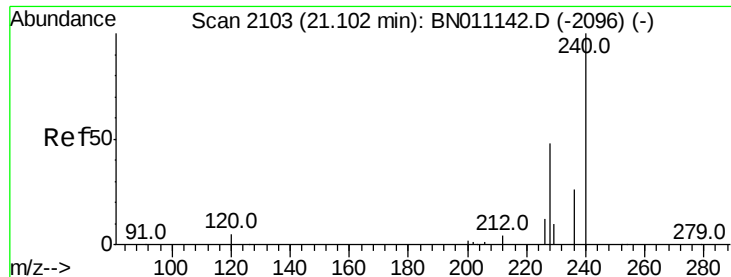


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

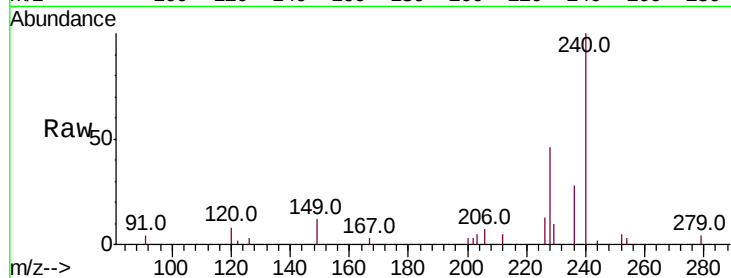




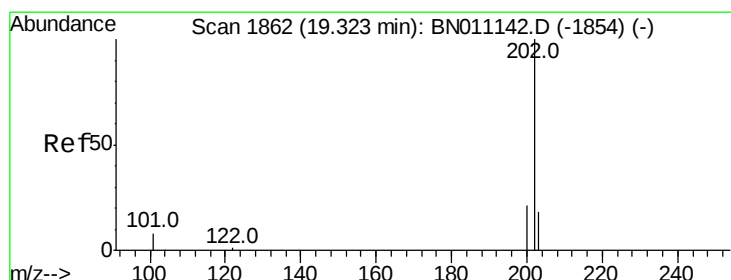
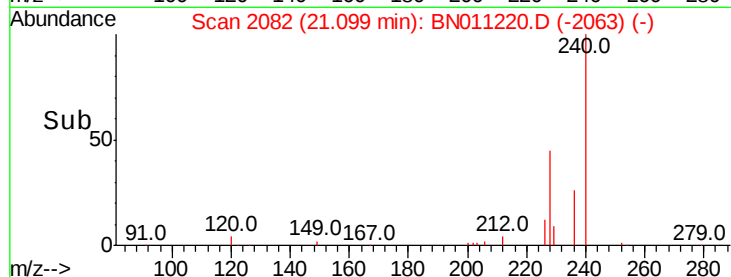
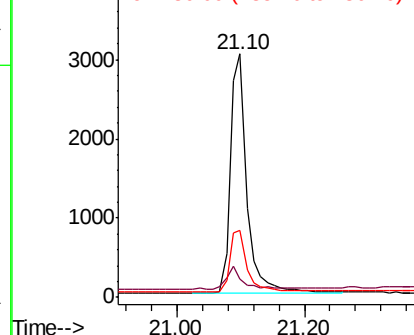
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

Instrument :
BNA_N
ClientSampleId :
PB130052BSD

Tot Ion:240 Resp: 5412
Ion Ratio Lower Upper
240 100
120 7.5 6.5 9.7
236 27.7 21.9 32.9

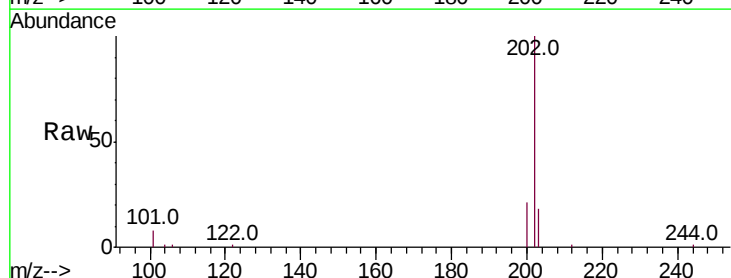


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

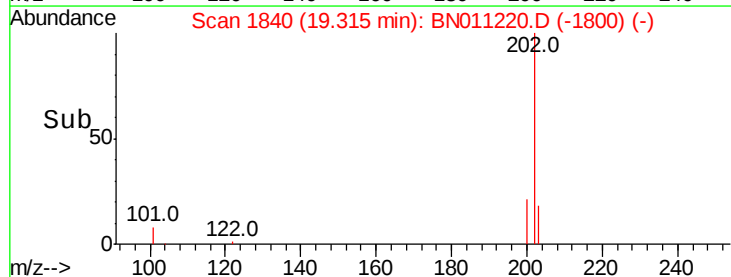
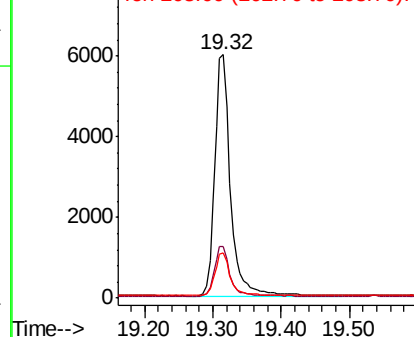


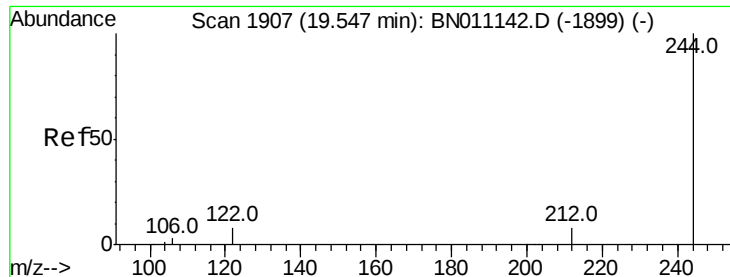
#30
Pyrene
Concen: 0.463 ng
RT: 19.32 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BN011220.D
Acq: 21 Jul 2020 15:19

Tgt Ion:202 Resp: 9565
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.5 14.2 21.4



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





#31

Terphenyl-d14

Concen: 0.454 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

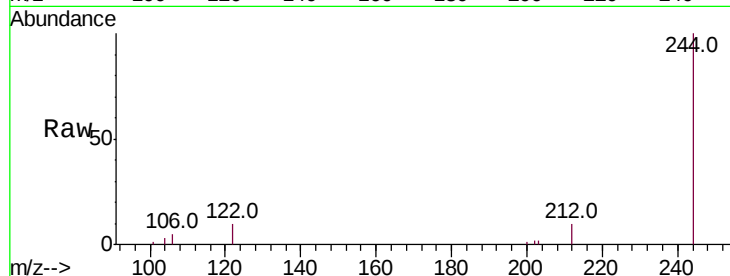
Tot Ion:244 Resp: 6400

Ion Ratio Lower Upper

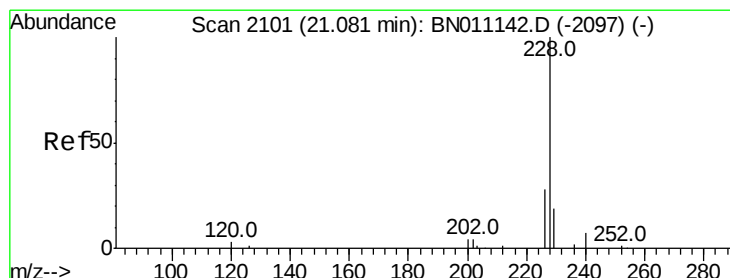
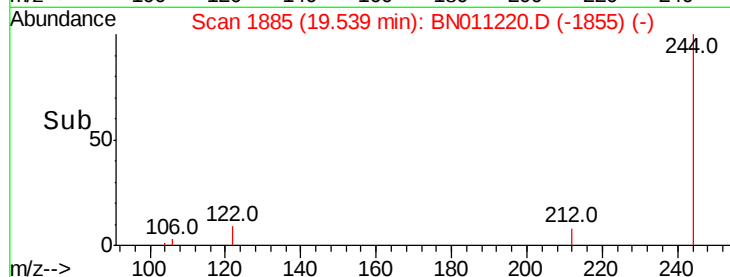
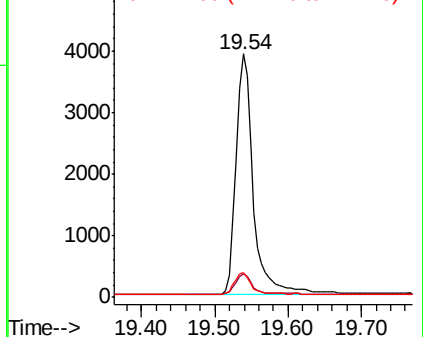
244 100

212 9.6 7.8 11.6

122 10.2 7.4 11.0



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



#32

Benzo(a)anthracene

Concen: 0.395 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

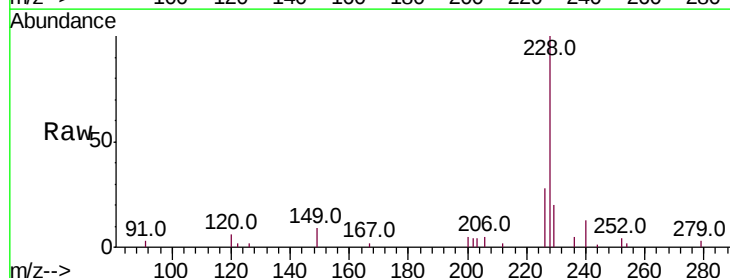
Tgt Ion:228 Resp: 6920

Ion Ratio Lower Upper

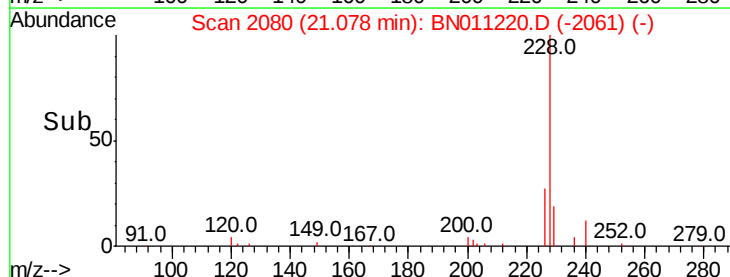
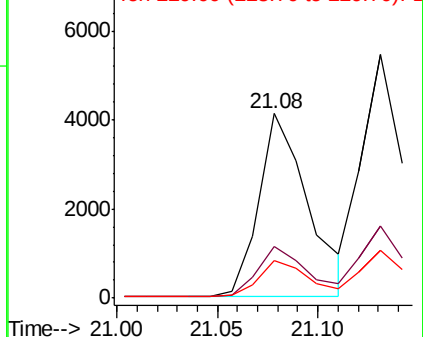
228 100

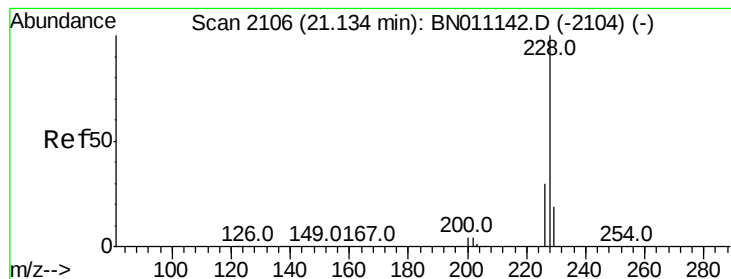
226 27.7 23.2 34.8

229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.388 ng

RT: 21.13 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

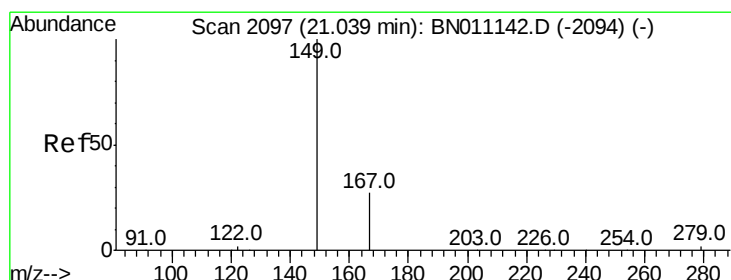
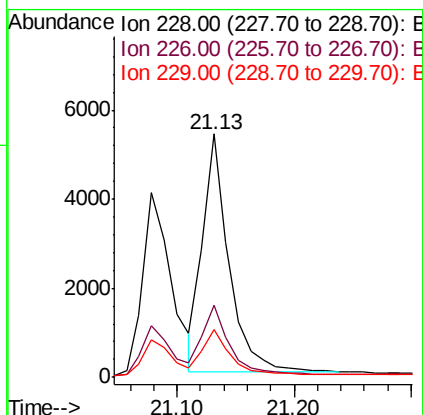
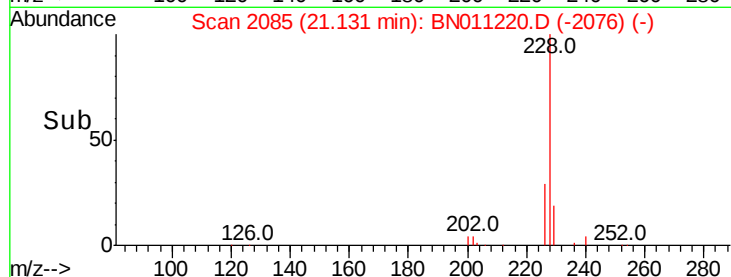
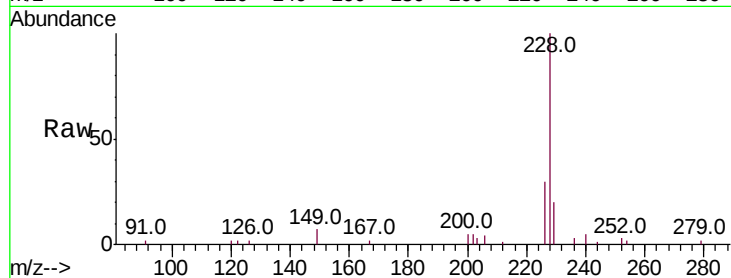
BNA_N

ClientSampleId :

PB130052BSD

Tot Ion:228 Resp: 8322

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	19.7	16.2	24.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.477 ng

RT: 21.04 min Scan# 2076

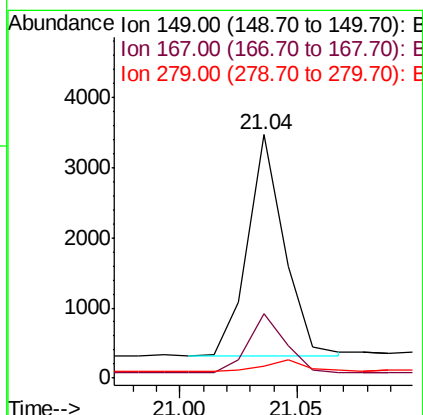
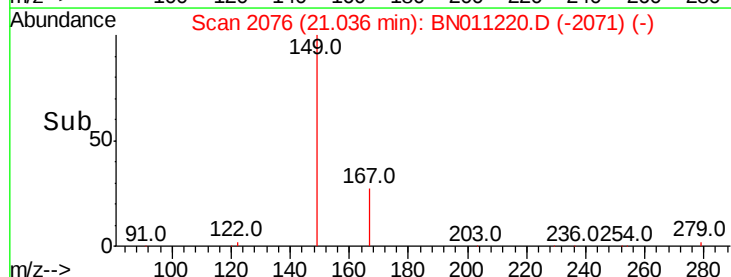
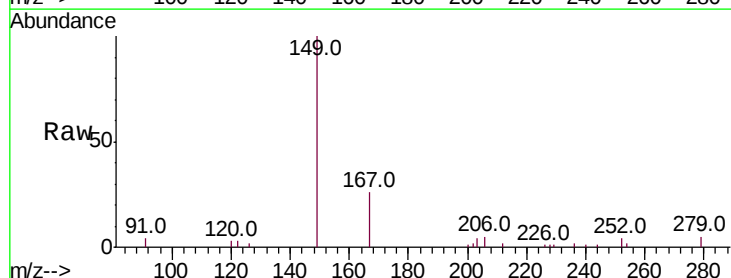
Delta R.T. 0.00 min

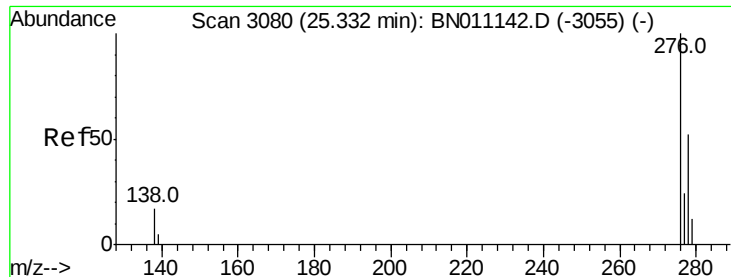
Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Tgt Ion:149 Resp: 3444

Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.4	35.0
279	5.4	4.5	6.7





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng

RT: 25.32 min Scan# 3056

Delta R.T. -0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

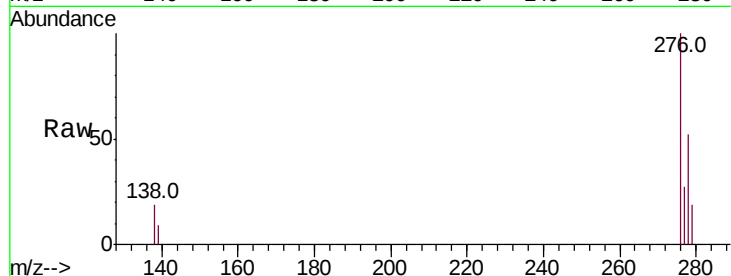
Tot Ion:276 Resp: 8623

Ion Ratio Lower Upper

276 100

138 15.7 13.0 19.6

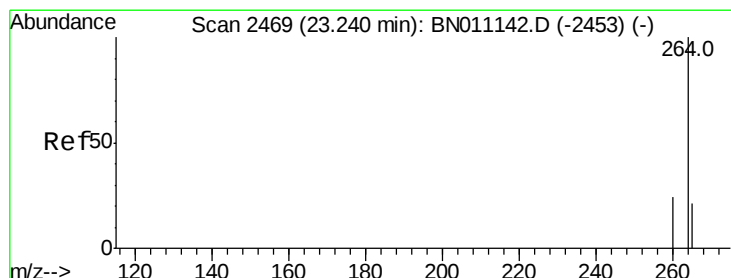
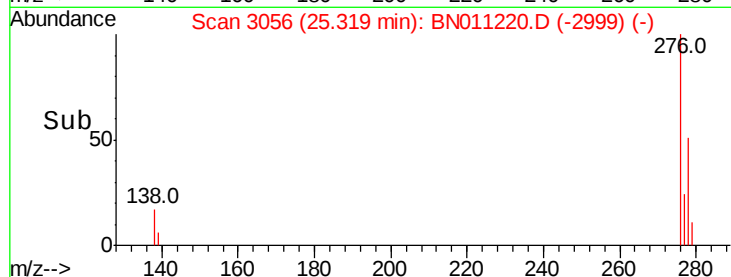
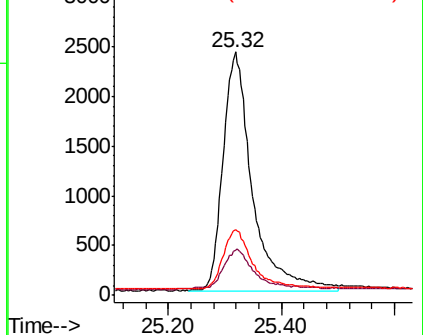
277 24.8 19.7 29.5



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.23 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

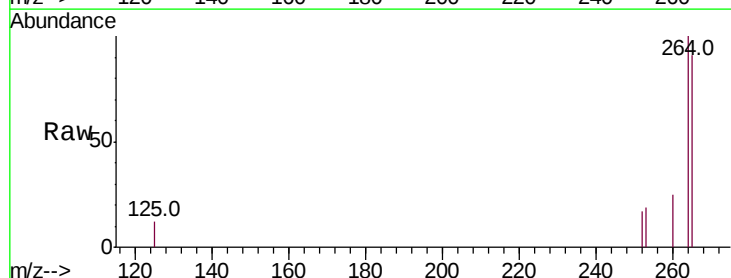
Tgt Ion:264 Resp: 5207

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

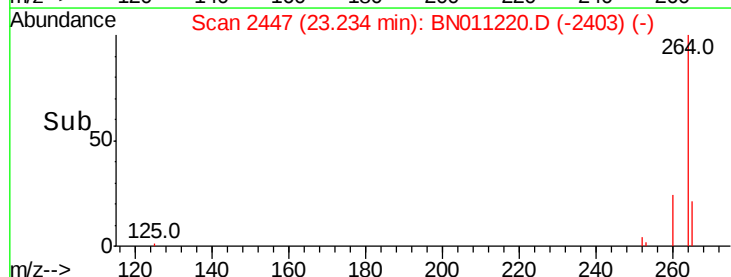
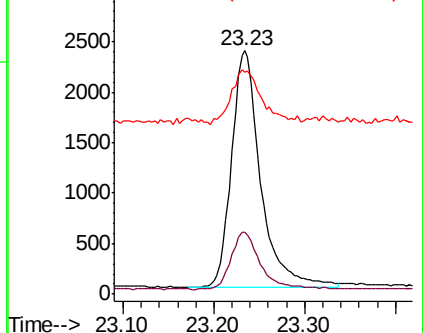
265 91.1 76.6 115.0

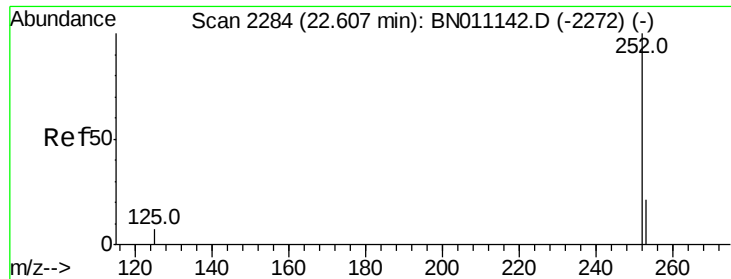


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.362 ng

RT: 22.60 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

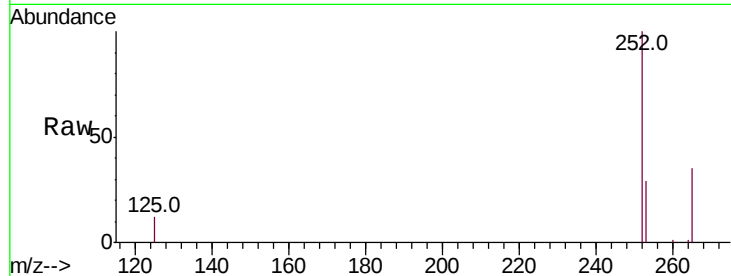
Tot Ion:252 Resp: 7572

Ion Ratio Lower Upper

252 100

253 29.0 22.6 34.0

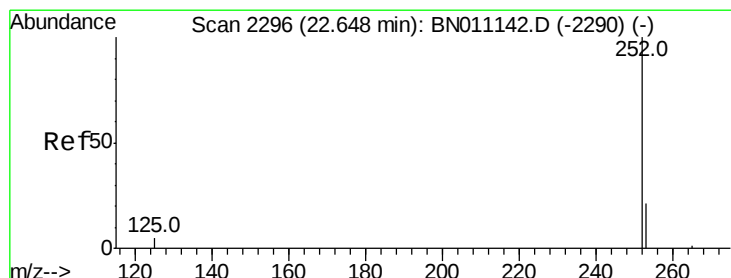
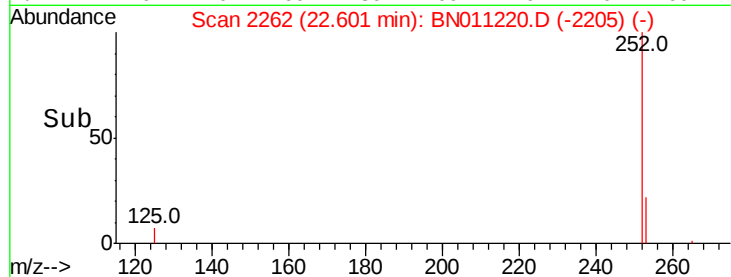
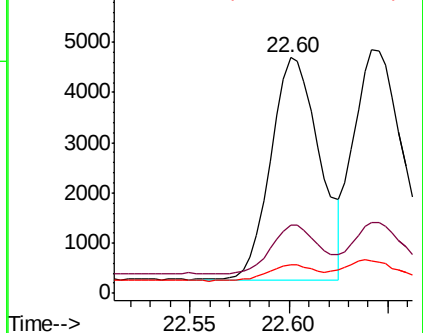
125 12.2 9.6 14.4



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



#38

Benzo(k)fluoranthene

Concen: 0.372 ng

RT: 22.64 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

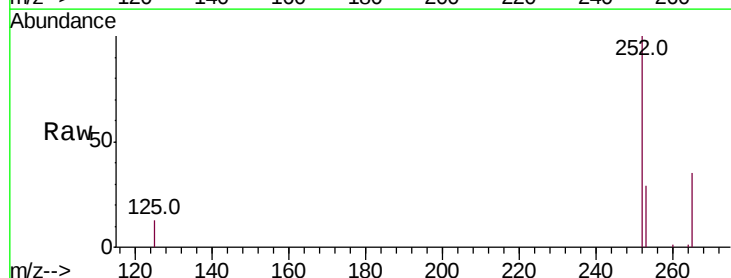
Tgt Ion:252 Resp: 8803

Ion Ratio Lower Upper

252 100

253 28.9 22.2 33.4

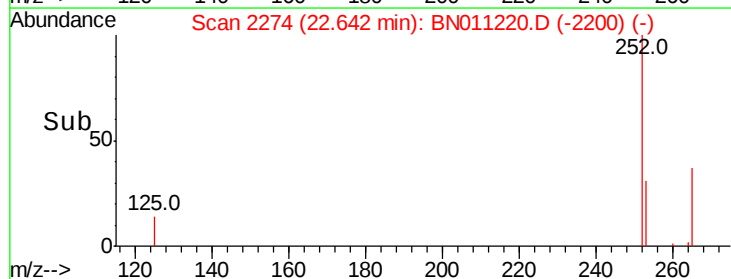
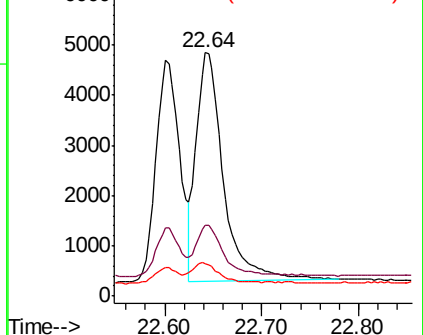
125 13.4 11.0 16.4

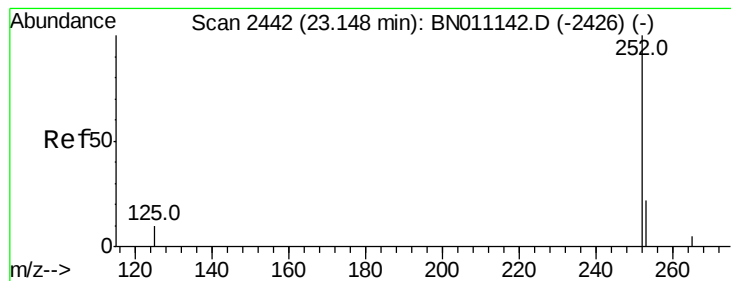


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.349 ng

RT: 23.14 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

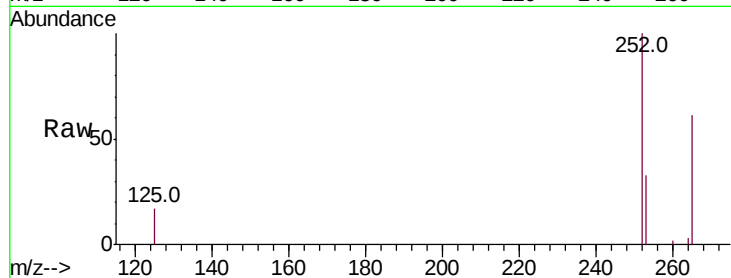
Tot Ion:252 Resp: 6578

Ion Ratio Lower Upper

252 100

253 33.0 25.8 38.6

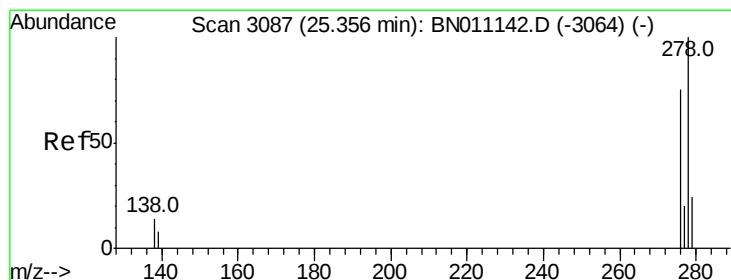
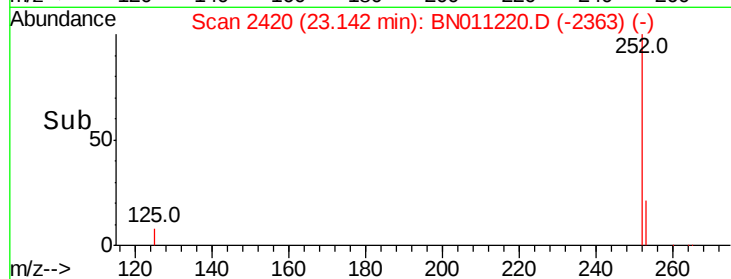
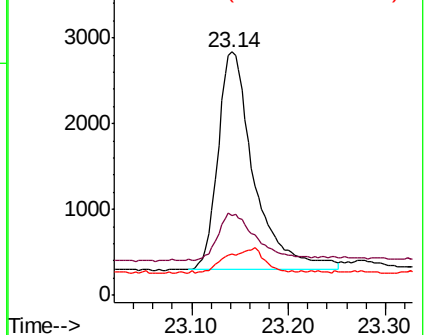
125 16.7 13.4 20.0



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



#40

Dibenzo(a,h)anthracene

Concen: 0.336 ng

RT: 25.33 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

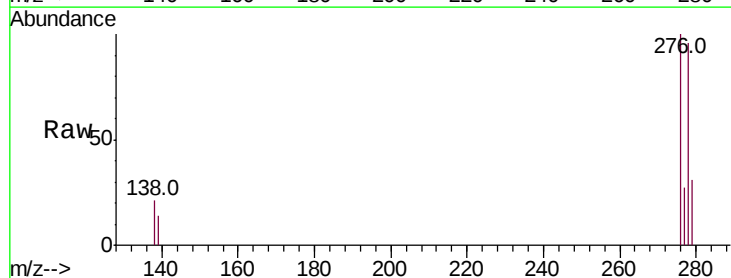
Tgt Ion:278 Resp: 6713

Ion Ratio Lower Upper

278 100

139 14.8 11.7 17.5

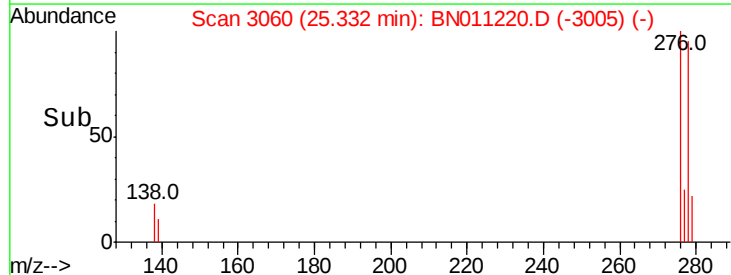
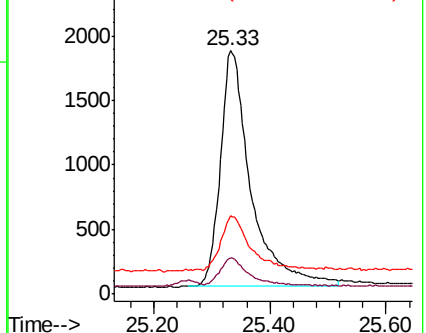
279 32.2 25.0 37.6

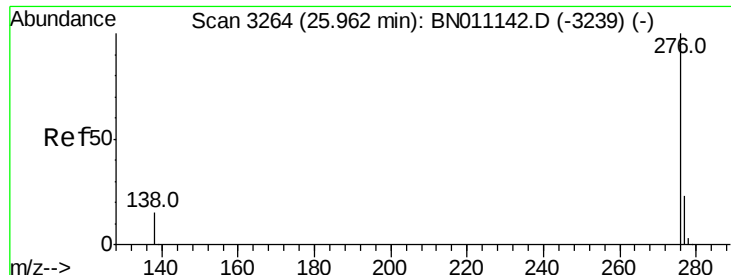


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.351 ng

RT: 25.94 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BN011220.D

Acq: 21 Jul 2020 15:19

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

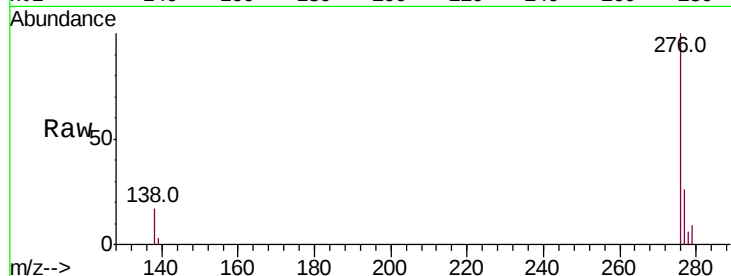
Tot Ion:276 Resp: 7689

Ion Ratio Lower Upper

276 100

277 25.7 20.5 30.7

138 17.3 13.8 20.6



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

