

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
 Data File : BN011767.D
 Acq On : 09 Sep 2020 14:44
 Operator : CG/JU
 Sample : PB131431BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131431BSD

Quant Time: Sep 09 15:17:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 10:54:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2119	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	7839	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	4755	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	10298	0.40	ng	0.00
29) Chrysene-d12	21.30	240	9733	0.40	ng	-0.01
36) Perylene-d12	23.56	264	9066	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2042	0.34	ng	0.00
5) Phenol-d6	6.89	99	2718	0.33	ng	0.00
8) Nitrobenzene-d5	8.87	82	2951	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	5121	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	796	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	7447	0.37	ng	0.00
27) Fluoranthene-d10	19.15	212	10804	0.33	ng	0.00
31) Terphenyl-d14	19.75	244	9260	0.38	ng	0.00

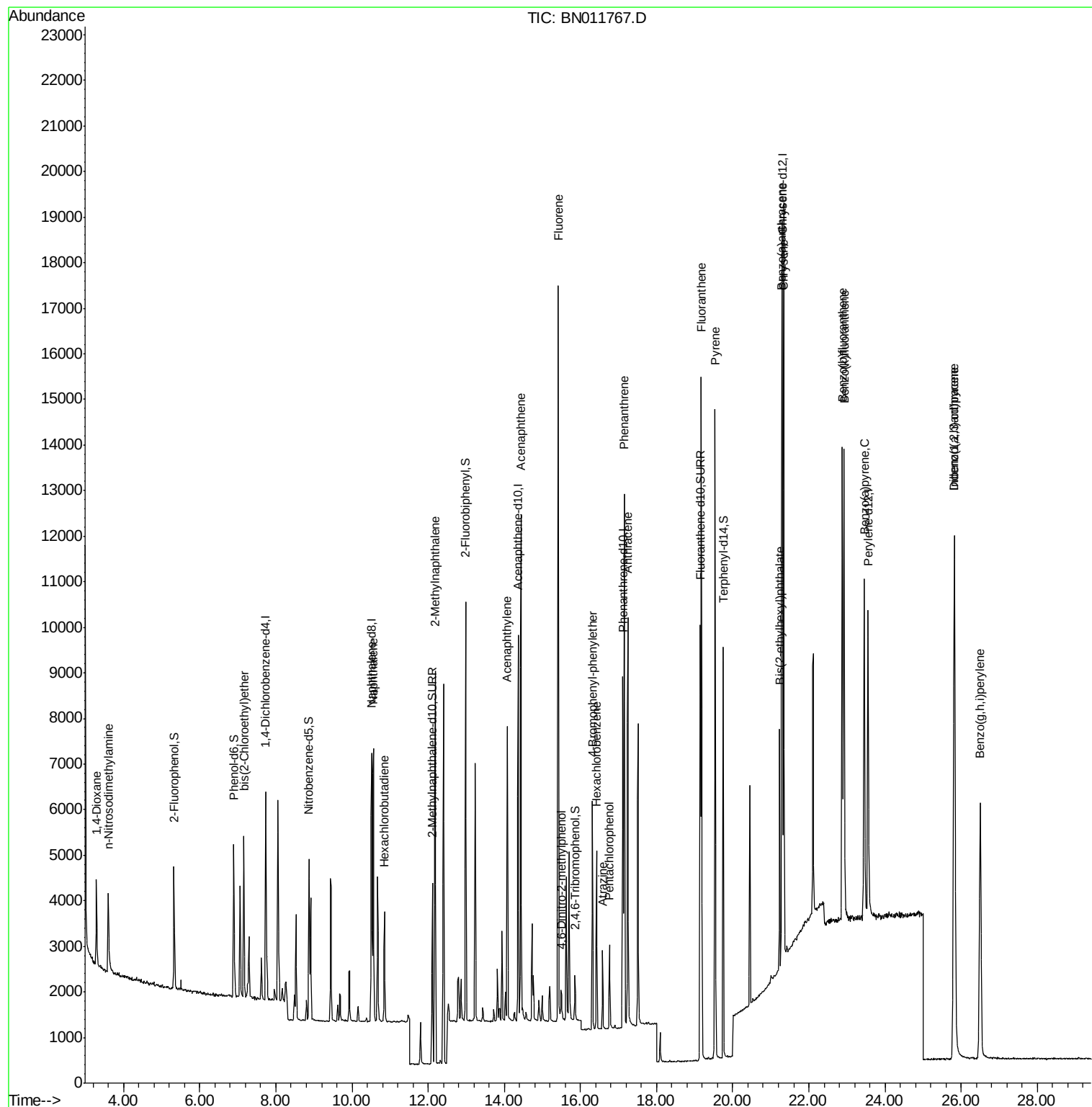
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1192	0.350	ng	98
3) n-Nitrosodimethylamine	3.59	42	1494	0.380	ng	# 95
6) bis(2-Chloroethyl)ether	7.16	93	2415	0.365	ng	99
9) Naphthalene	10.57	128	8248	0.368	ng	98
10) Hexachlorobutadiene	10.86	225	1930	0.392	ng	# 98
12) 2-Methylnaphthalene	12.18	142	5826	0.365	ng	98
16) Acenaphthylene	14.08	152	8198	0.354	ng	100
17) Acenaphthene	14.43	154	5816	0.364	ng	99
18) Fluorene	15.42	166	7229	0.353	ng	99
20) 4,6-Dinitro-2-methylphenol	15.50	198	576	0.363	ng	97
21) 4-Bromophenyl-phenylether	16.31	248	2198	0.364	ng	# 83
22) Hexachlorobenzene	16.42	284	2862	0.384	ng	99
23) Atrazine	16.58	200	1276	0.241	ng	95
24) Pentachlorophenol	16.76	266	894	0.302	ng	98
25) Phenanthrene	17.15	178	11925	0.358	ng	99
26) Anthracene	17.25	178	10158	0.344	ng	99
28) Fluoranthene	19.18	202	13164	0.334	ng	100
30) Pyrene	19.54	202	13101	0.387	ng	99
32) Benzo(a)anthracene	21.29	228	11724	0.337	ng	99
33) Chrysene	21.34	228	13265	0.370	ng	99
34) Bis(2-ethylhexyl)phthalate	21.23	149	4708	0.333	ng	100
35) Indeno(1,2,3-cd)pyrene	25.81	276	14783	0.316	ng	99
37) Benzo(b)fluoranthene	22.88	252	13358	0.384	ng	97
38) Benzo(k)fluoranthene	22.92	252	12999	0.366	ng	97
39) Benzo(a)pyrene	23.46	252	10880	0.350	ng	94
40) Dibenzo(a,h)anthracene	25.83	278	12171	0.347	ng	96
41) Benzo(g,h,i)perylene	26.50	276	12592	0.366	ng	98

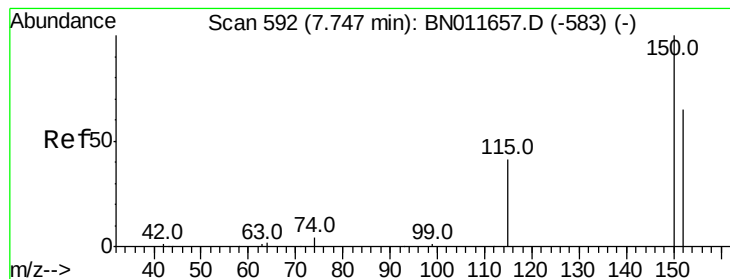
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

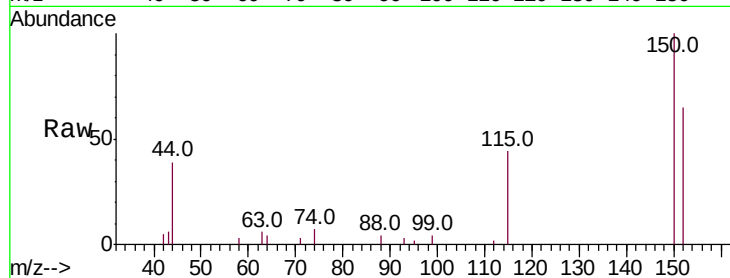
Tot Ion:152 Resp: 2119

Ion Ratio Lower Upper

152 100

150 153.4 121.0 181.6

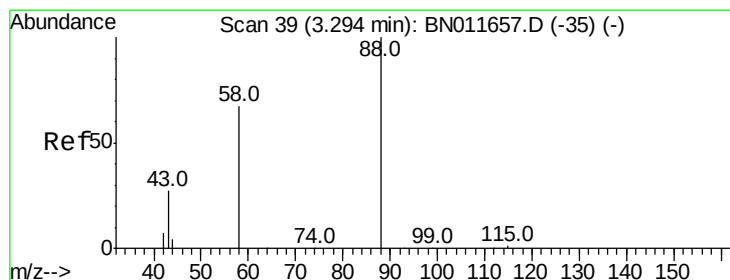
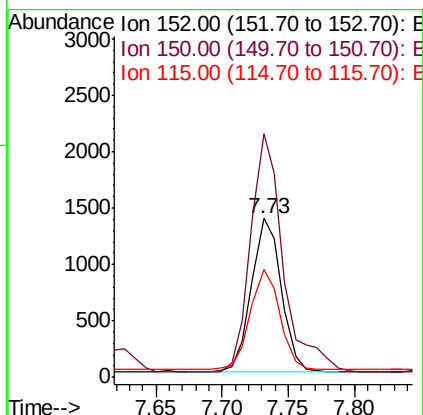
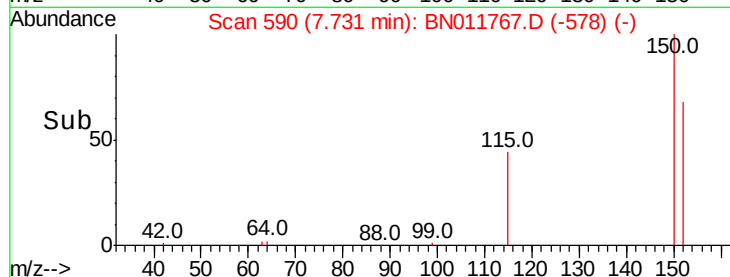
115 67.6 52.6 78.8



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: 0.350 ng

RT: 3.29 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

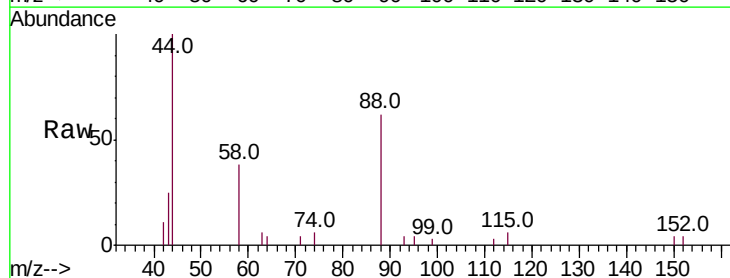
Tgt Ion: 88 Resp: 1192

Ion Ratio Lower Upper

88 100

58 76.5 61.4 92.0

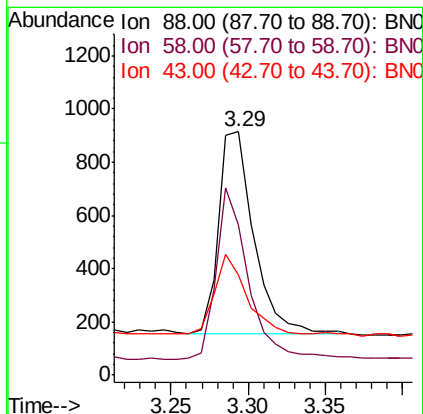
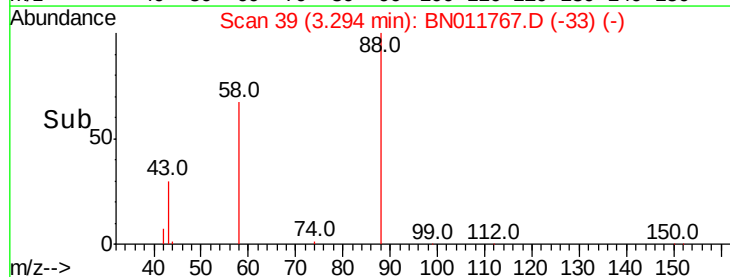
43 34.7 29.8 44.8

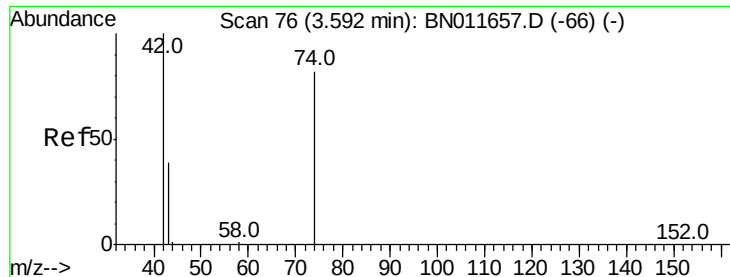


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



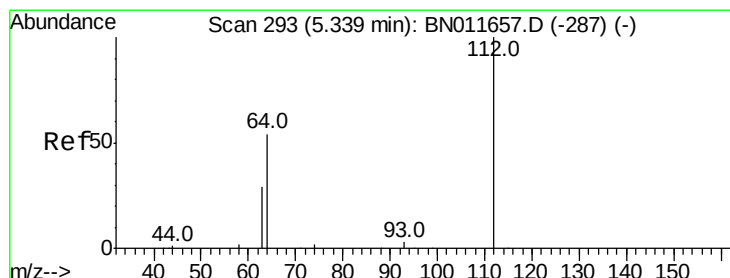
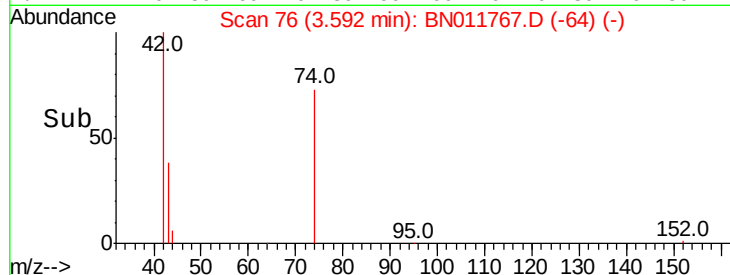
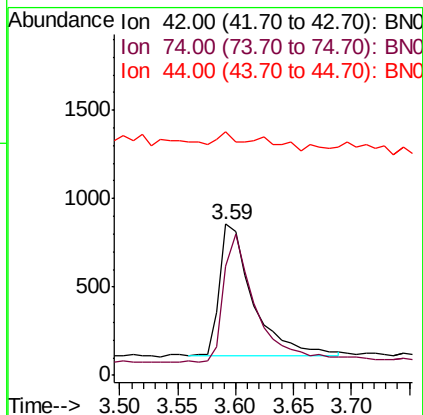
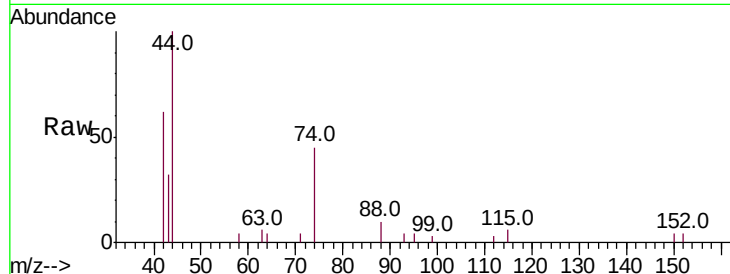


#3

n-Nitrosodimethylamine
 Concen: 0.380 ng
 RT: 3.59 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BN011767.D
 Acq: 09 Sep 2020 14:44

Instrument :
 BNA_N
 ClientSampleId :
 PB131431BSD

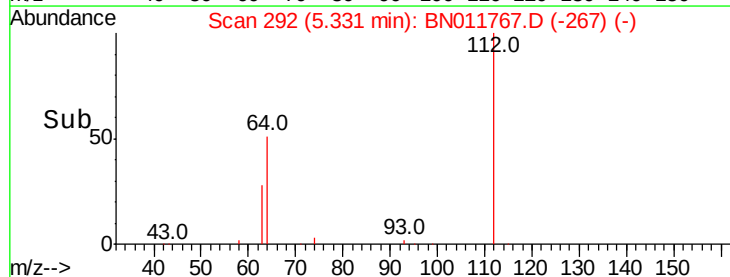
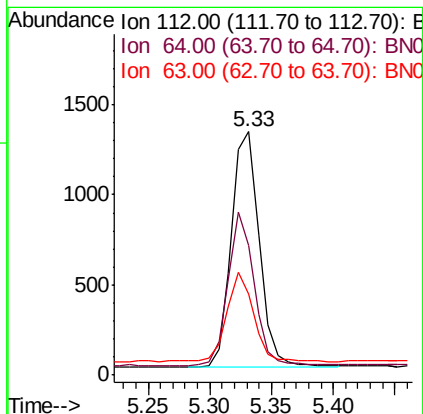
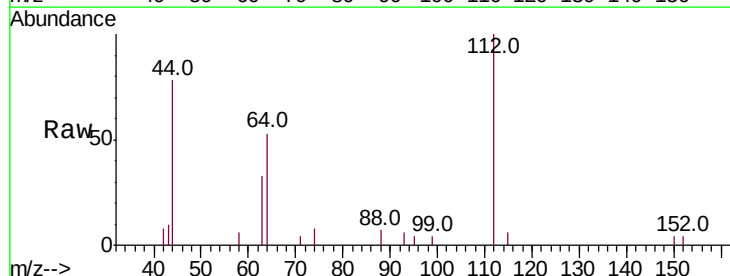
Tot Ion: 42 Resp: 1494
 Ion Ratio Lower Upper
 42 100
 74 94.4 79.0 118.6
 44 4.1 8.1 12.1#

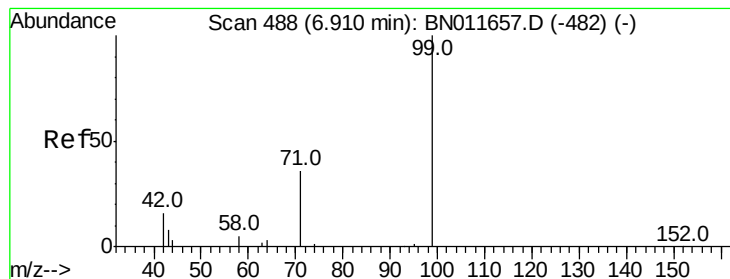


#4

2-Fluorophenol
 Concen: 0.341 ng
 RT: 5.33 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BN011767.D
 Acq: 09 Sep 2020 14:44

Tgt Ion: 112 Resp: 2042
 Ion Ratio Lower Upper
 112 100
 64 61.4 49.7 74.5
 63 36.2 29.4 44.0





#5

Phenol-d6

Concen: 0.334 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

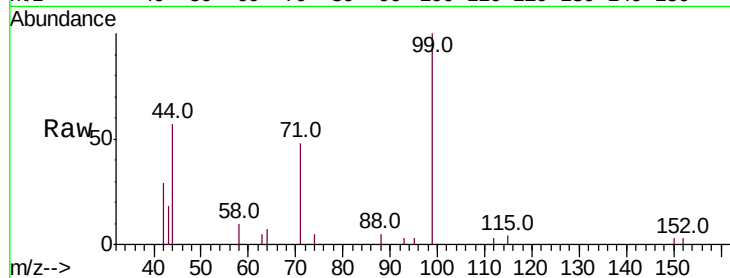
Tot Ion: 99 Resp: 2718

Ion Ratio Lower Upper

99 100

42 26.9 20.2 30.2

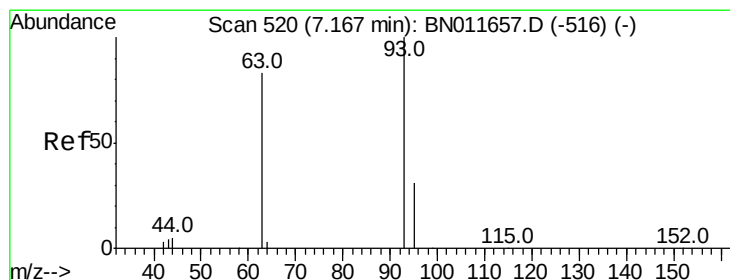
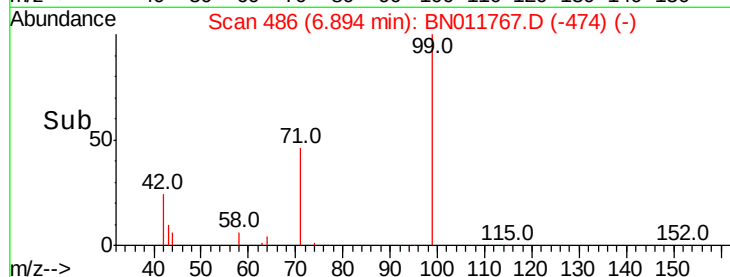
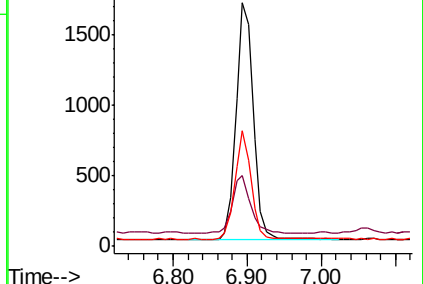
71 43.1 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.365 ng

RT: 7.16 min Scan# 519

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

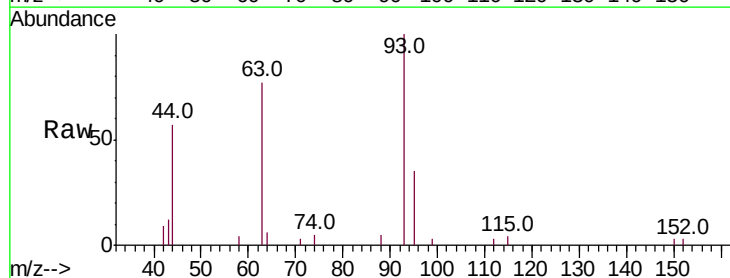
Tgt Ion: 93 Resp: 2415

Ion Ratio Lower Upper

93 100

63 78.5 62.2 93.4

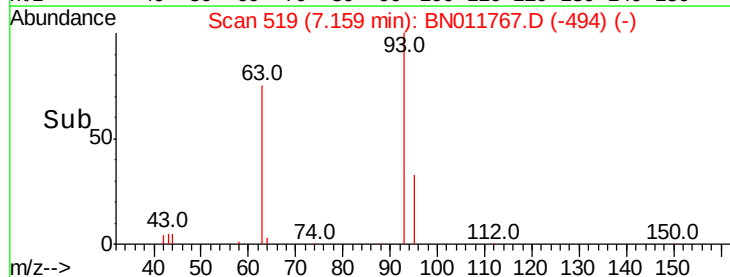
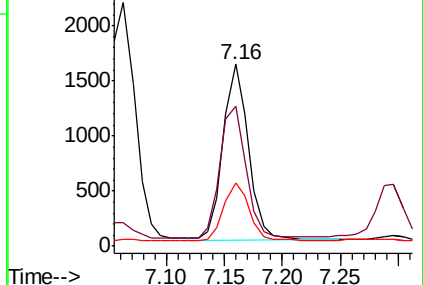
95 33.5 26.6 39.8

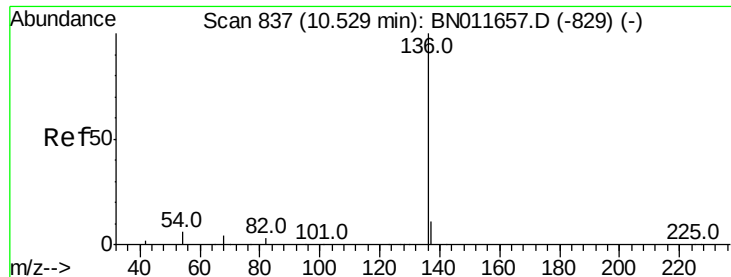


Abundance Ion 93.00 (92.70 to 93.70): BN011657.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN011657.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN011657.D (-516) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

Tot Ion:136 Resp: 7839

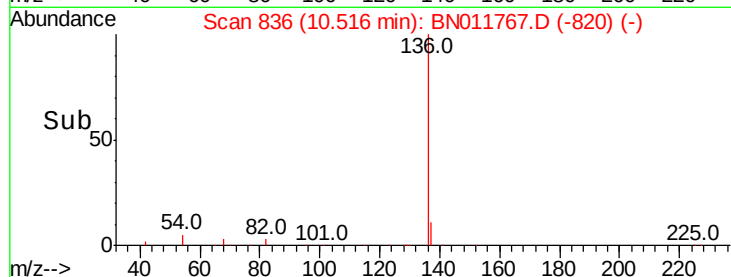
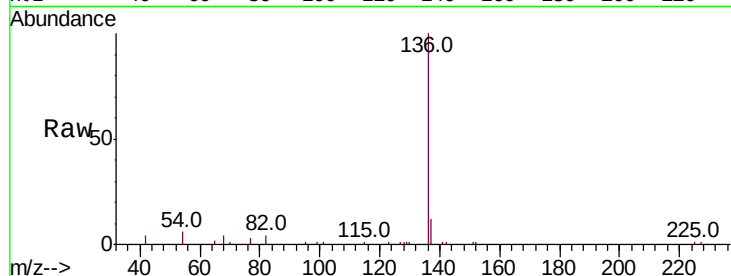
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 6.4 5.8 8.8

68 4.3 4.1 6.1

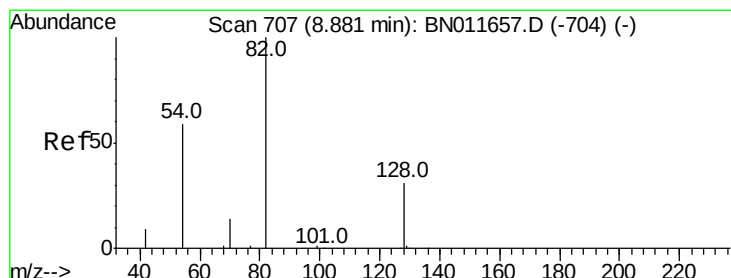
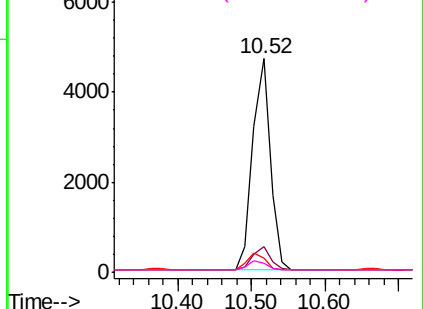


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.389 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

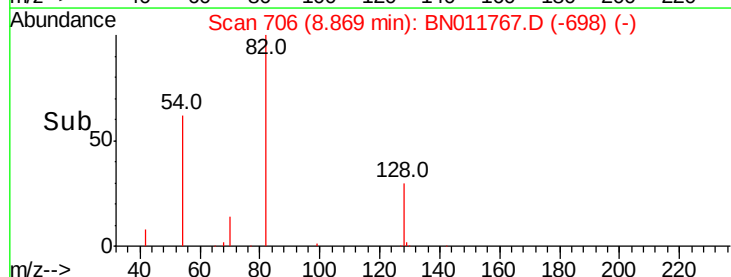
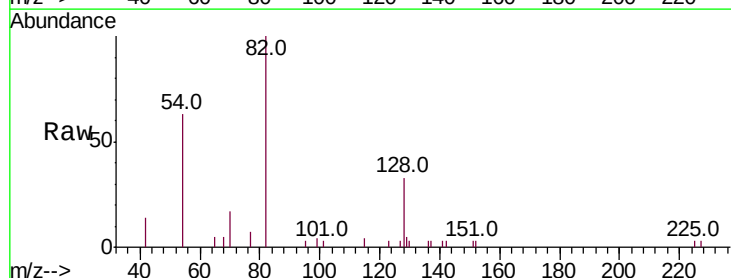
Tgt Ion: 82 Resp: 2951

Ion Ratio Lower Upper

82 100

128 32.8 26.2 39.2

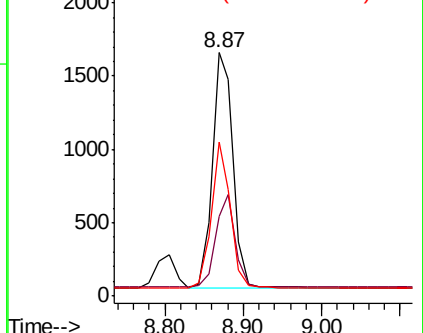
54 63.5 48.2 72.4

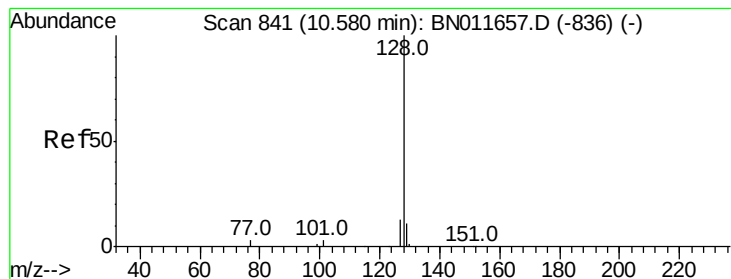


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.368 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

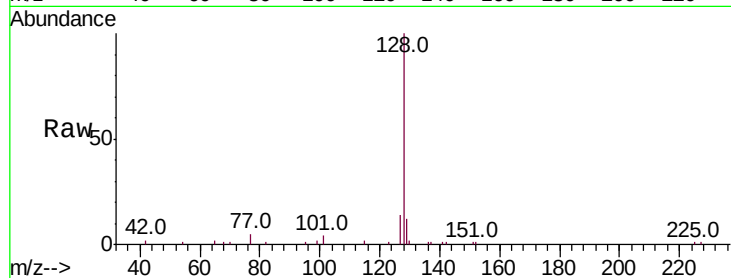
Tot Ion:128 Resp: 8248

Ion Ratio Lower Upper

128 100

129 12.3 9.4 14.2

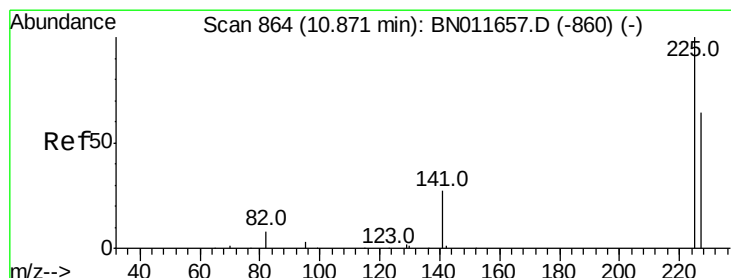
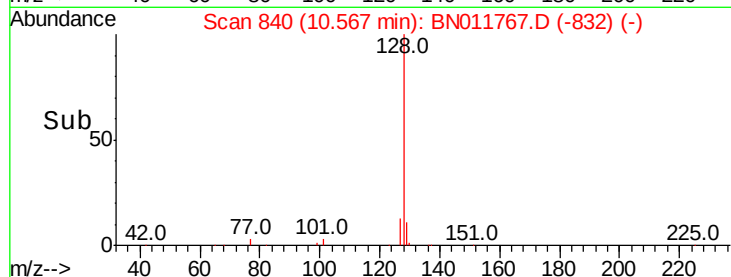
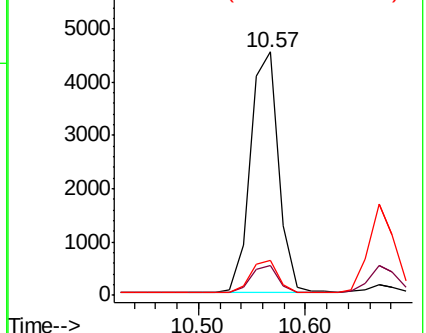
127 14.2 10.8 16.2



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: 0.392 ng

RT: 10.86 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

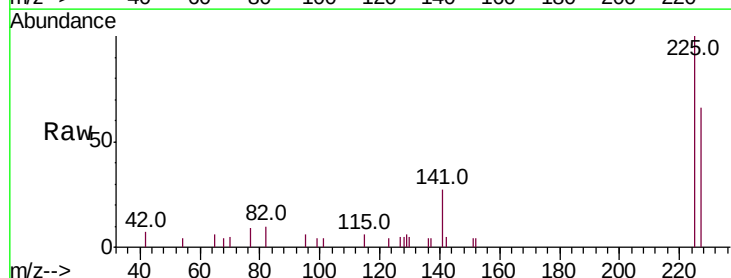
Tgt Ion:225 Resp: 1930

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

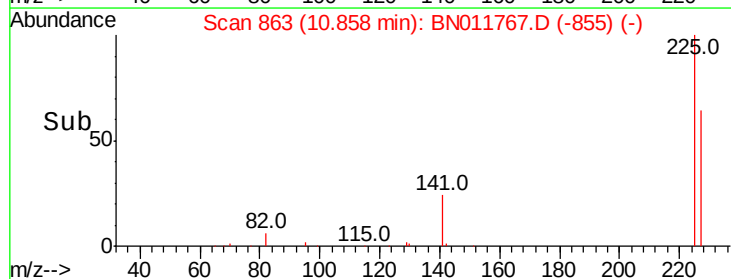
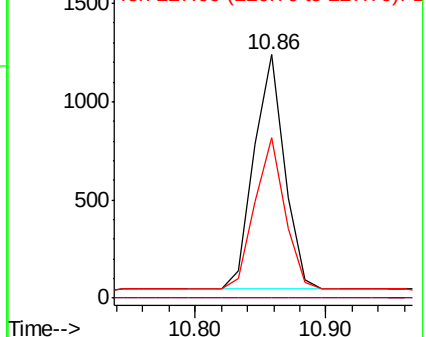
227 63.9 52.6 78.8

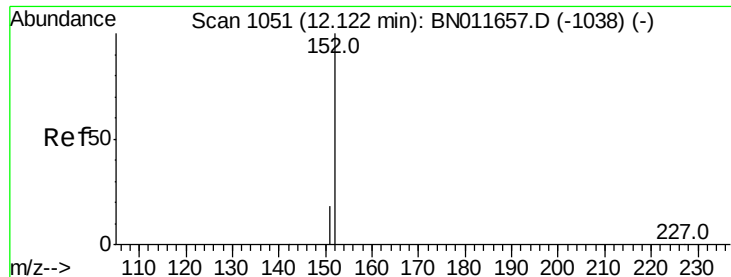


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

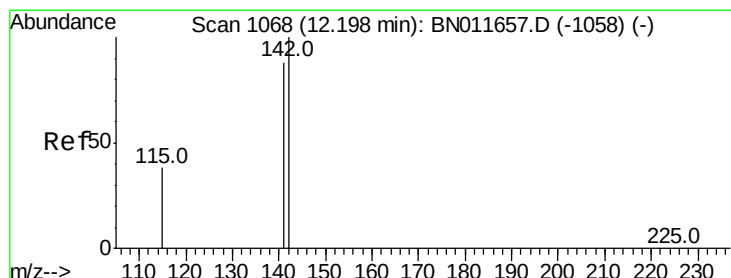
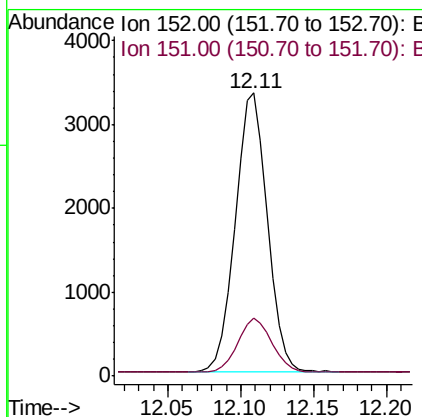
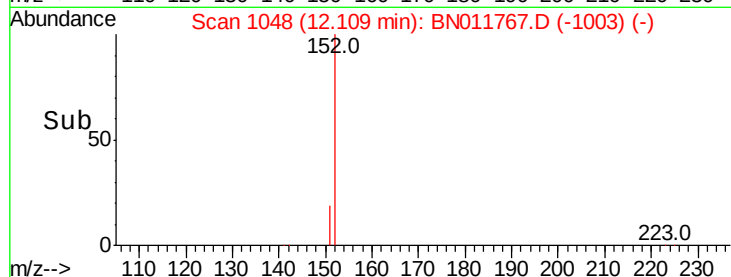
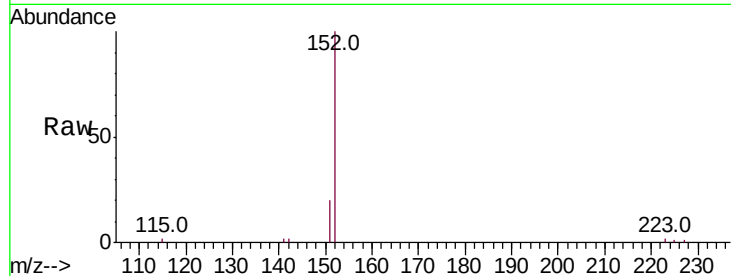




#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.11 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BN011767.D
Acq: 09 Sep 2020 14:44

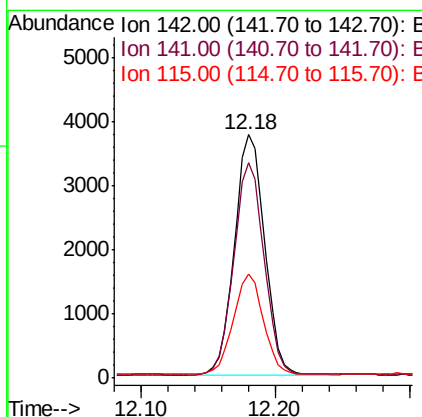
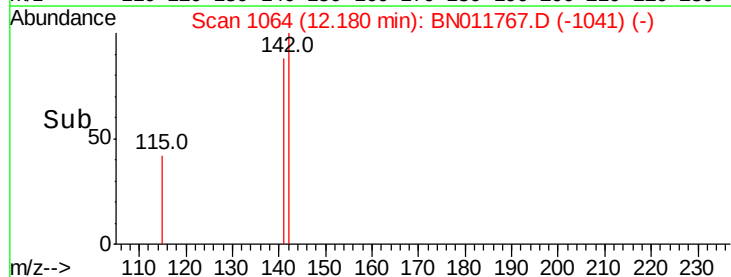
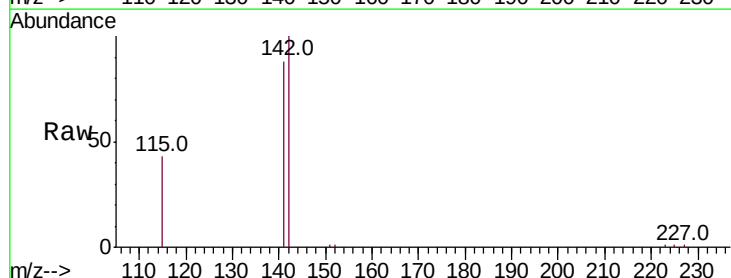
Instrument :
BNA_N
ClientSampleId :
PB131431BSD

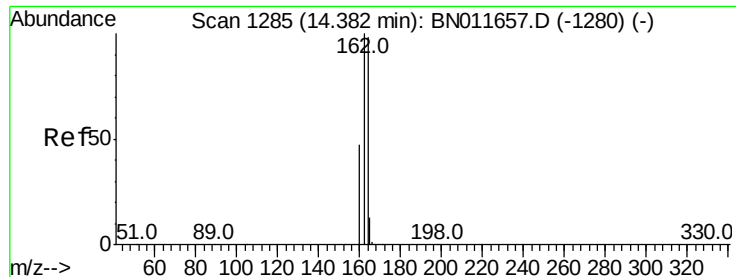
Tot Ion:152 Resp: 5121
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 12.18 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BN011767.D
Acq: 09 Sep 2020 14:44

Tgt Ion:142 Resp: 5826
Ion Ratio Lower Upper
142 100
141 88.4 70.6 106.0
115 43.0 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

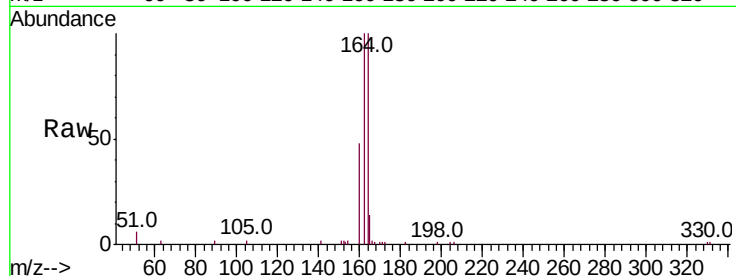
Tot Ion:164 Resp: 4755

Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

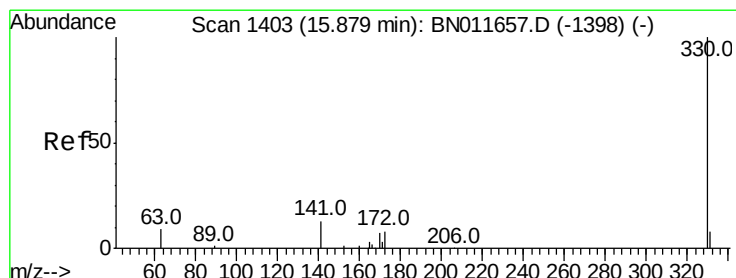
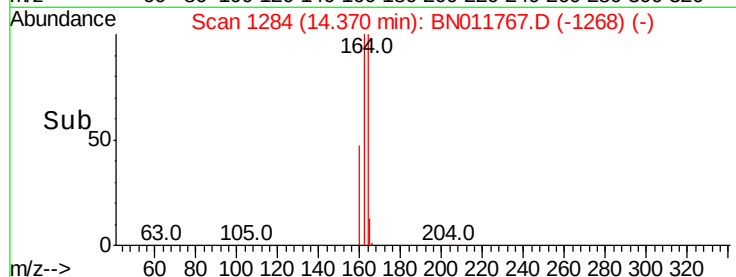
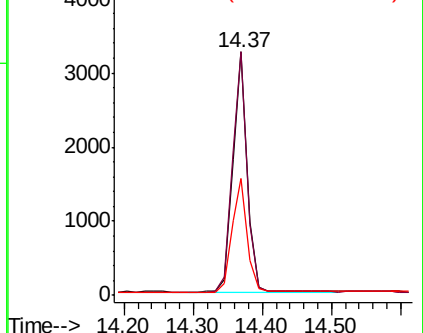
160 47.9 38.5 57.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.345 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

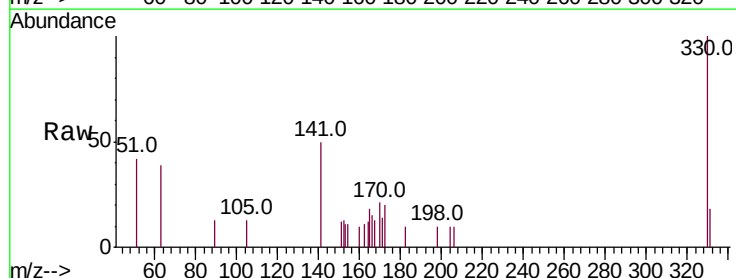
Tgt Ion:330 Resp: 796

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

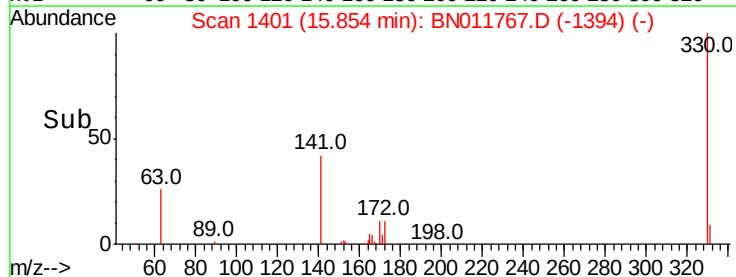
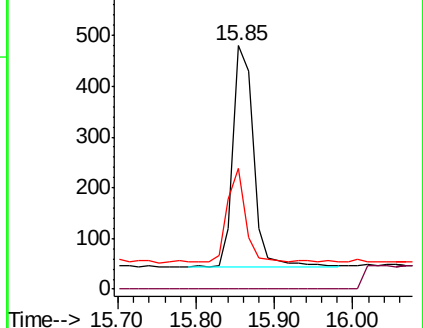
141 36.4 29.8 44.8

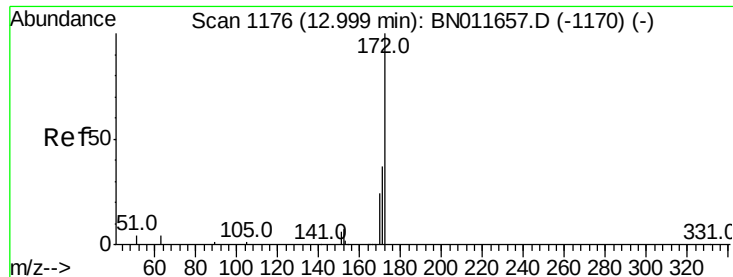


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

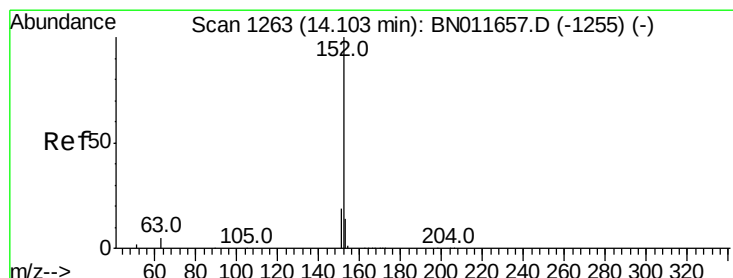
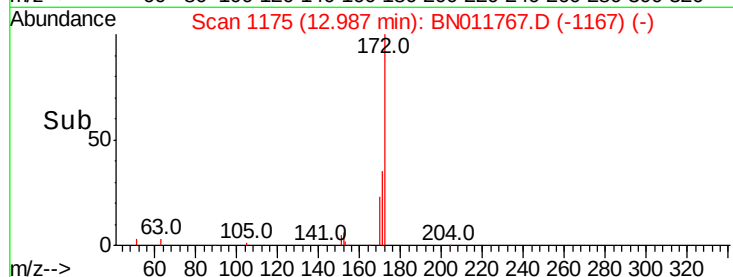
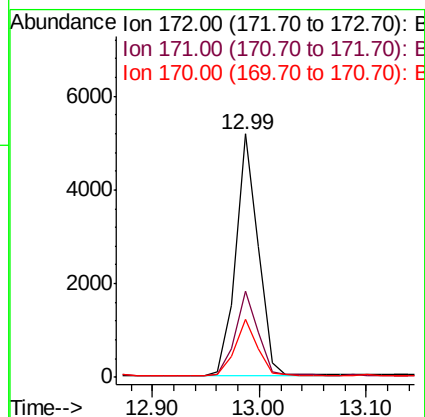
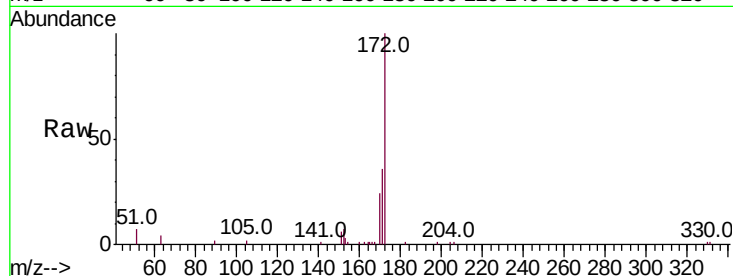




#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011767.D
Acq: 09 Sep 2020 14:44

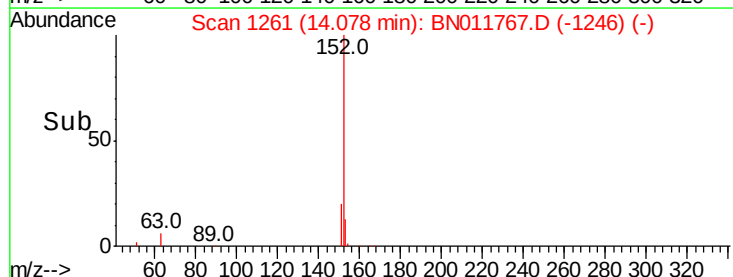
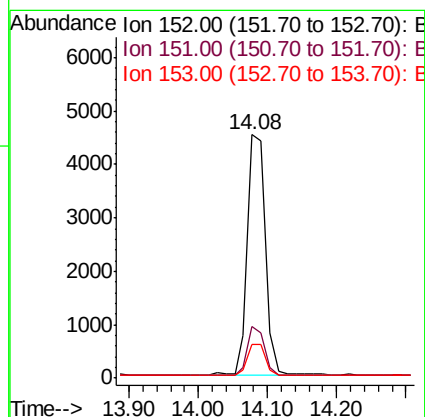
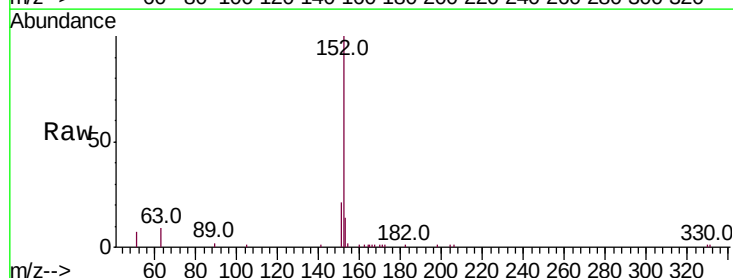
Instrument :
BNA_N
ClientSampleId :
PB131431BSD

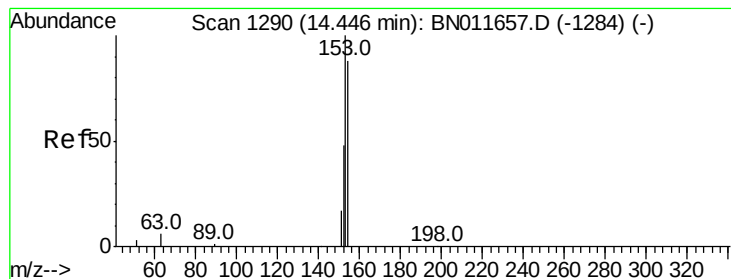
Tot Ion:172 Resp: 7447
Ion Ratio Lower Upper
172 100
171 35.5 30.0 45.0
170 23.7 20.1 30.1



#16
Acenaphthylene
Concen: 0.354 ng
RT: 14.08 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN011767.D
Acq: 09 Sep 2020 14:44

Tgt Ion:152 Resp: 8198
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.364 ng

RT: 14.43 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

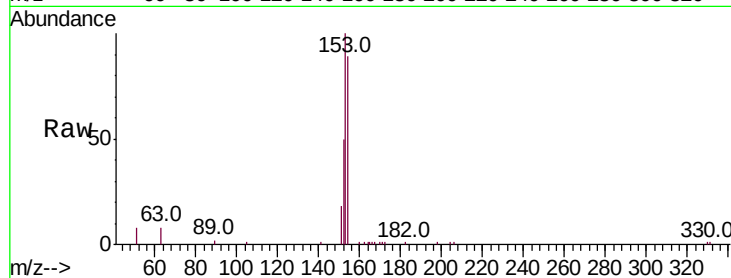
Tot Ion:154 Resp: 5816

Ion Ratio Lower Upper

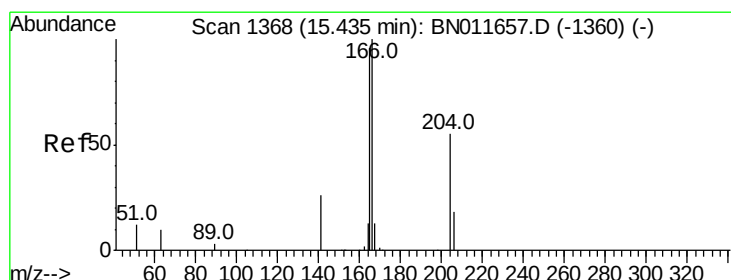
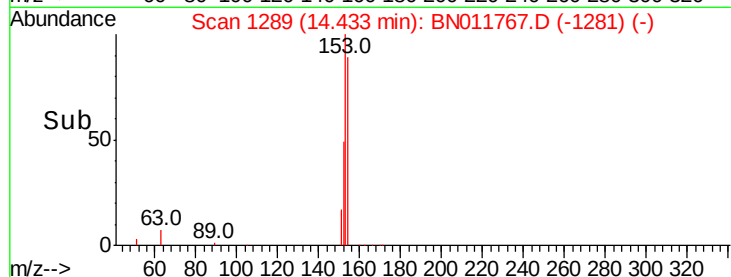
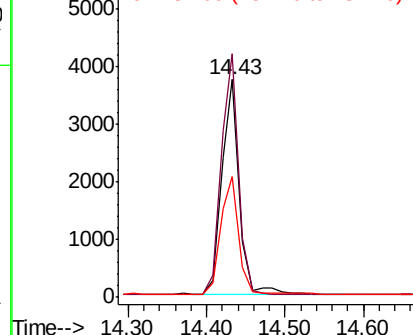
154 100

153 110.5 89.2 133.8

152 55.7 44.1 66.1



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: 0.353 ng

RT: 15.42 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

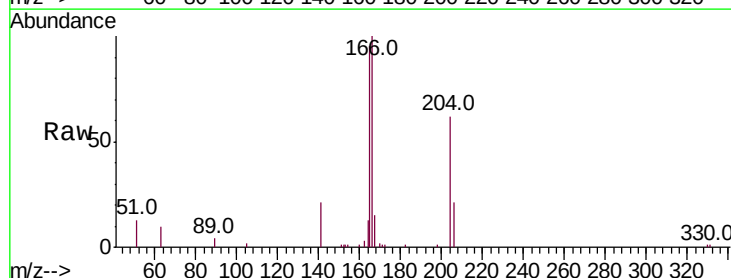
Tgt Ion:166 Resp: 7229

Ion Ratio Lower Upper

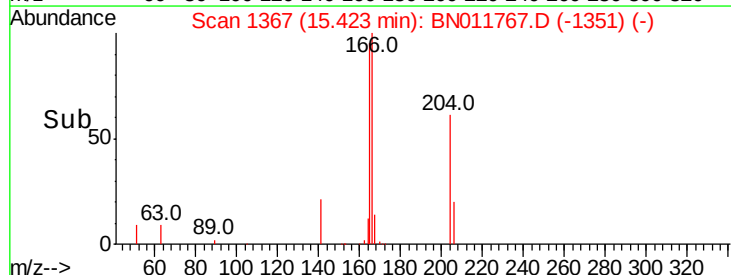
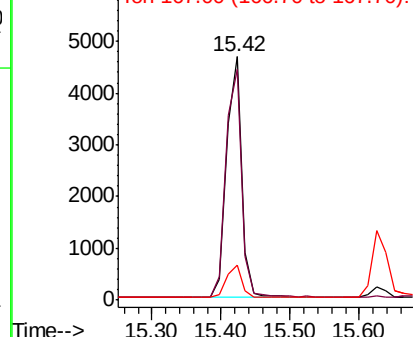
166 100

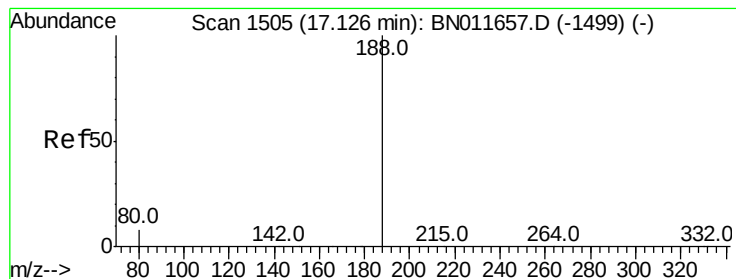
165 98.3 77.7 116.5

167 13.5 11.0 16.4



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: 17.11 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

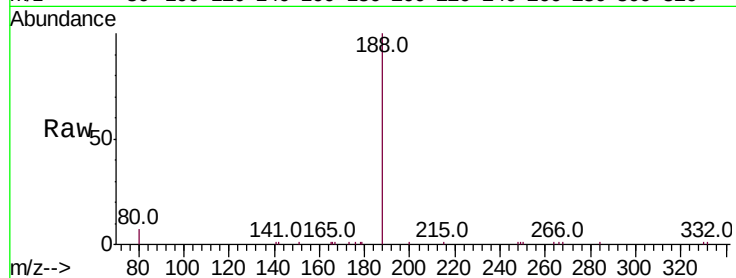
Tot Ion:188 Resp: 10298

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

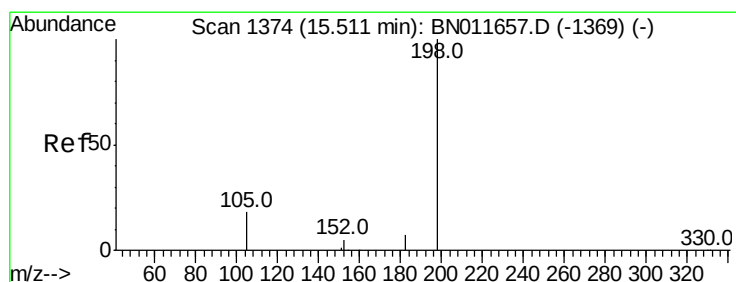
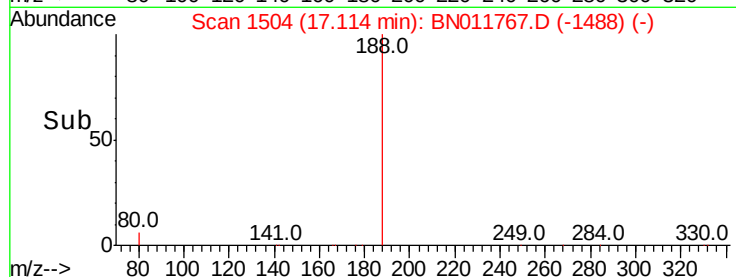
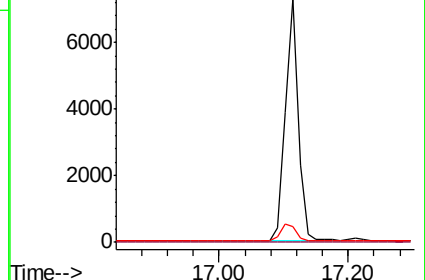
80 6.5 6.6 9.8#



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.363 ng

RT: 15.50 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

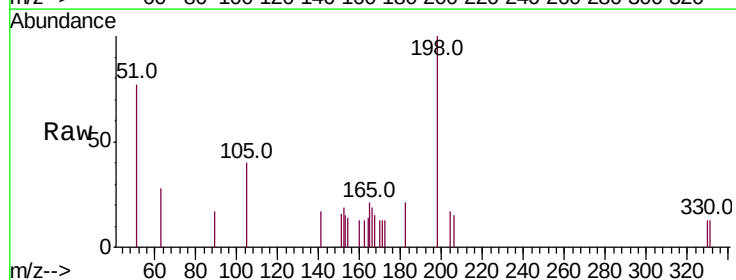
Tgt Ion:198 Resp: 576

Ion Ratio Lower Upper

198 100

51 77.1 58.6 87.8

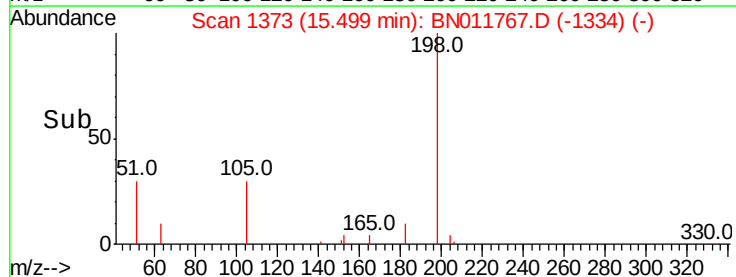
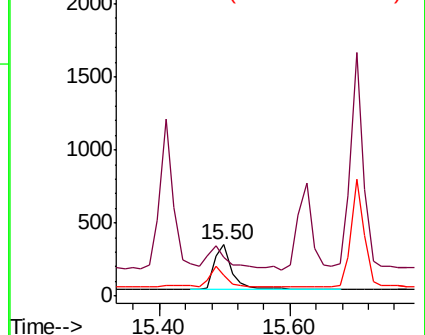
105 40.4 31.7 47.5

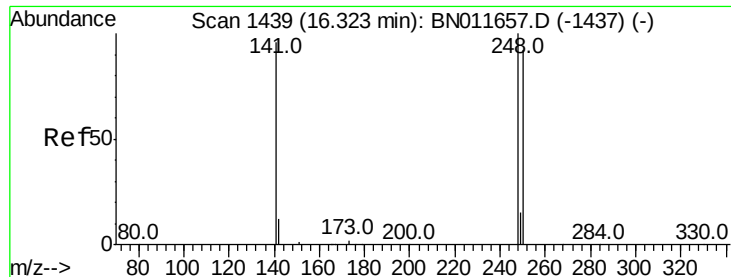


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

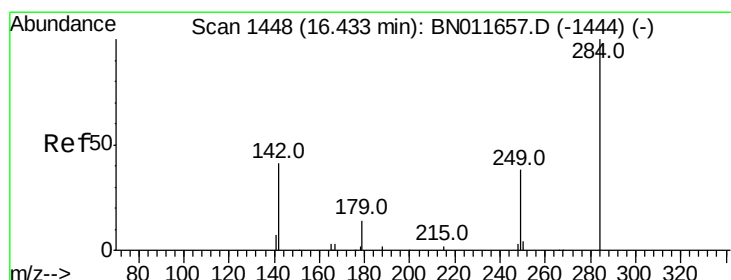
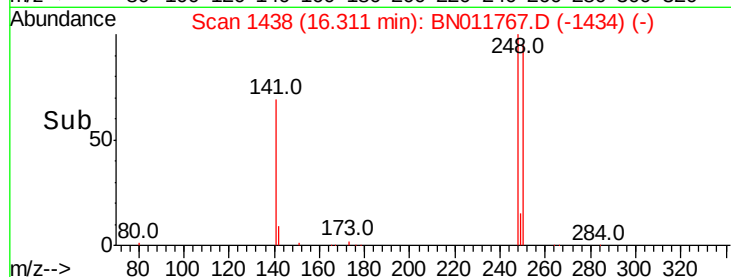
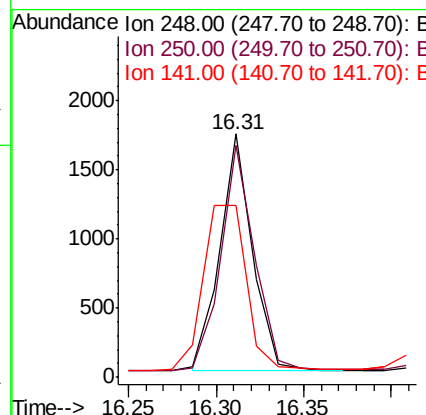
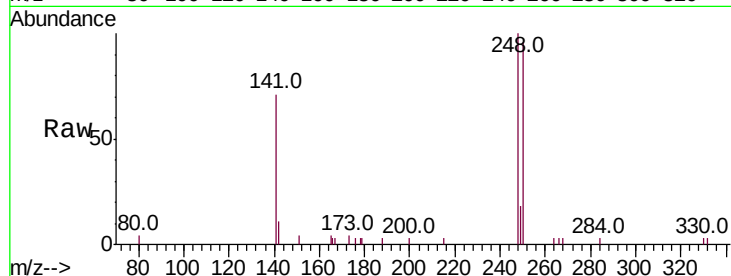




#21
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.31 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BN011767.D
Acq: 09 Sep 2020 14:44

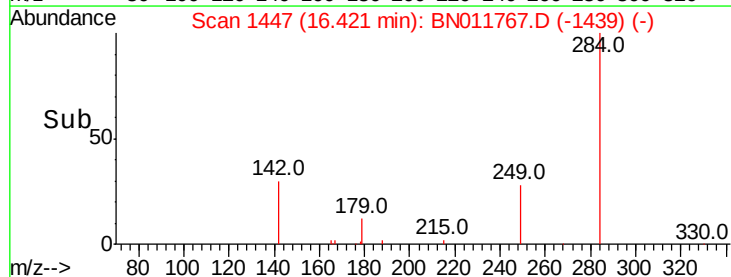
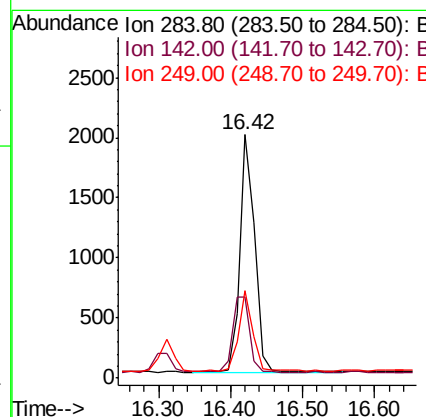
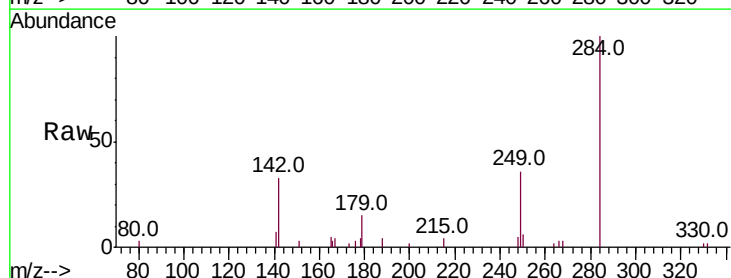
Instrument :
BNA_N
ClientSampleId :
PB131431BSD

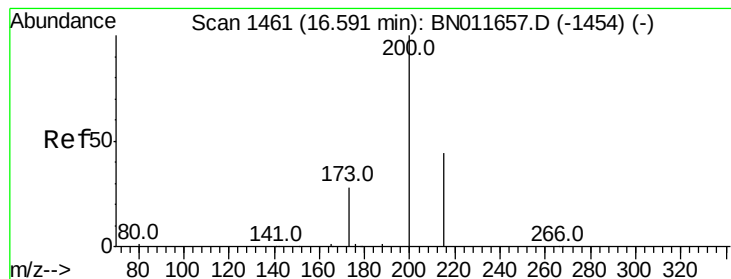
Tot Ion:248 Resp: 2198
Ion Ratio Lower Upper
248 100
250 95.5 73.9 110.9
141 70.6 79.8 119.6#



#22
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.42 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN011767.D
Acq: 09 Sep 2020 14:44

Tgt Ion:284 Resp: 2862
Ion Ratio Lower Upper
284 100
142 37.0 29.0 43.4
249 31.7 25.7 38.5





#23

Atrazine

Concen: 0.241 ng

RT: 16.58 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

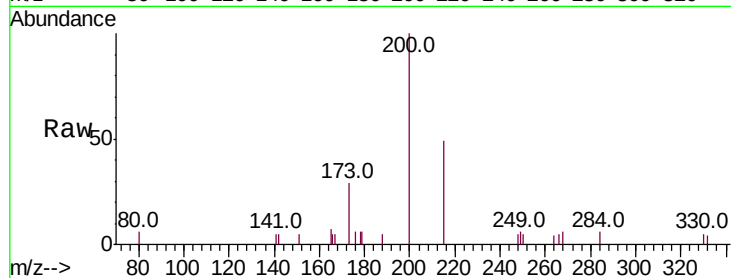
Tot Ion:200 Resp: 1276

Ion Ratio Lower Upper

200 100

173 28.7 24.3 36.5

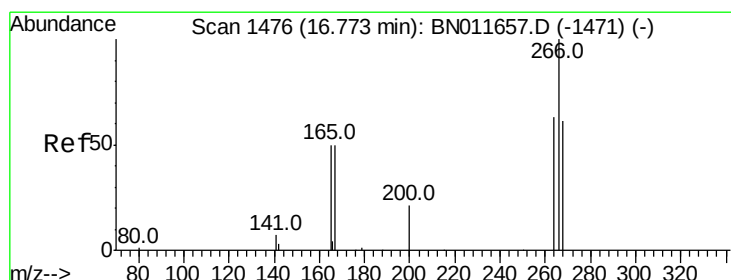
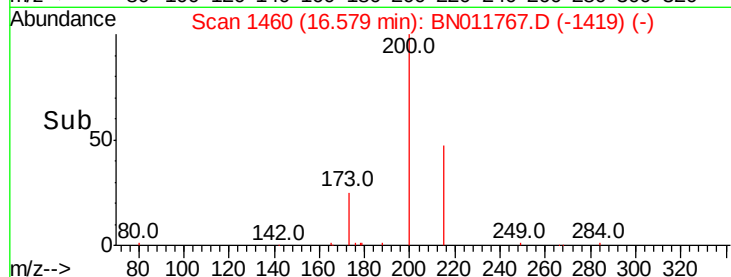
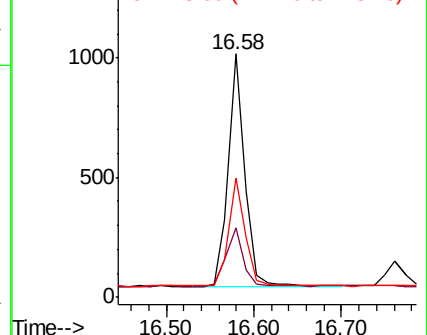
215 49.3 36.4 54.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.302 ng

RT: 16.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

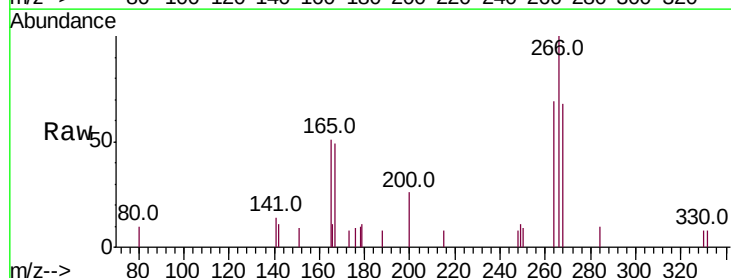
Tgt Ion:266 Resp: 894

Ion Ratio Lower Upper

266 100

264 63.3 49.5 74.3

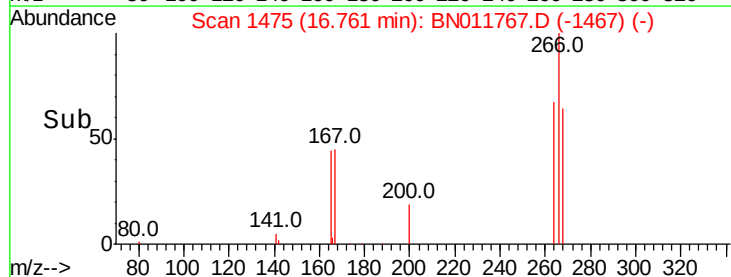
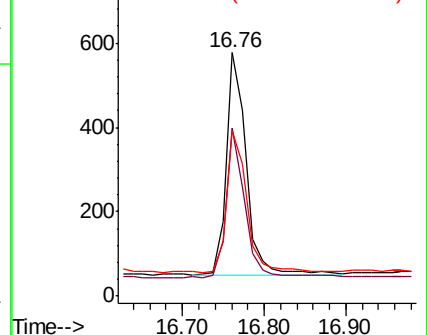
268 64.4 53.0 79.4

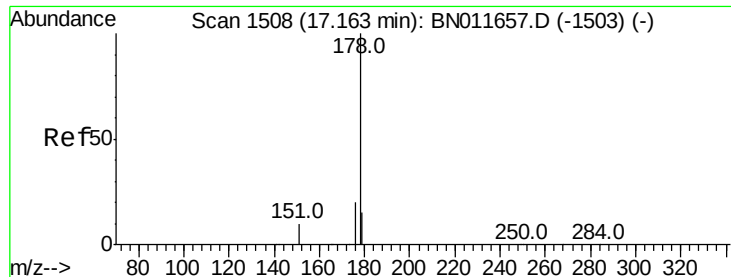


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.358 ng

RT: 17.15 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

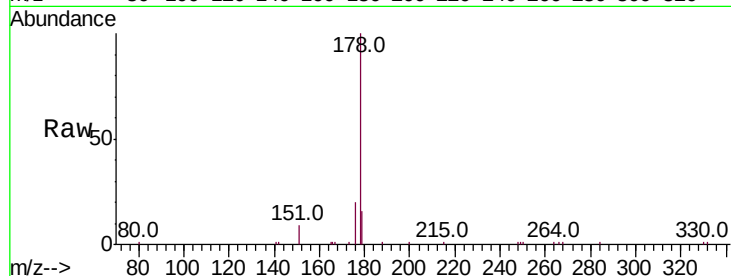
Tot Ion:178 Resp: 11925

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

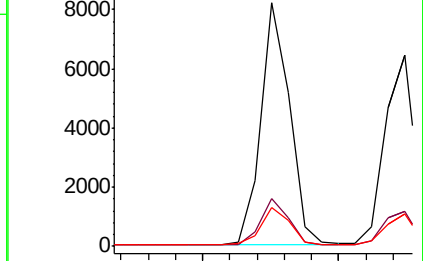
179 15.4 12.4 18.6



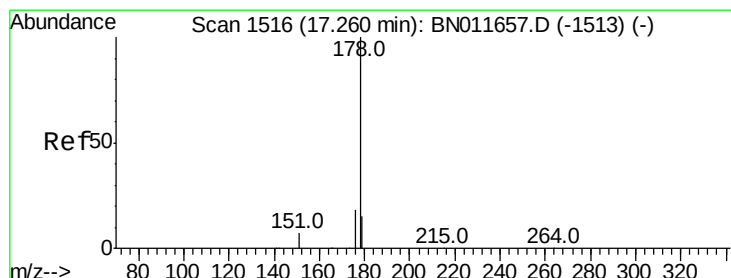
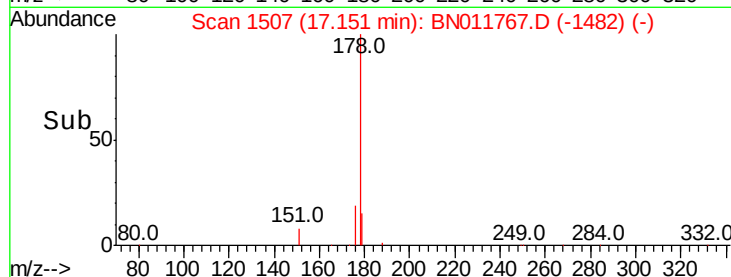
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#26

Anthracene

Concen: 0.344 ng

RT: 17.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

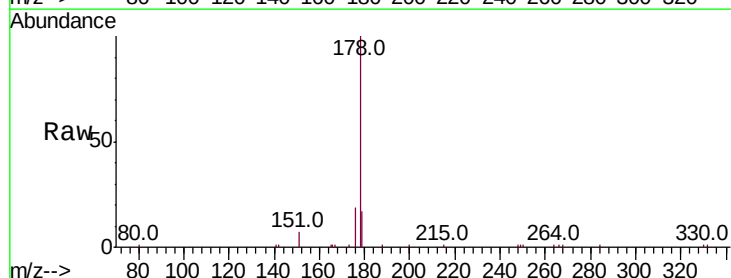
Tgt Ion:178 Resp: 10158

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

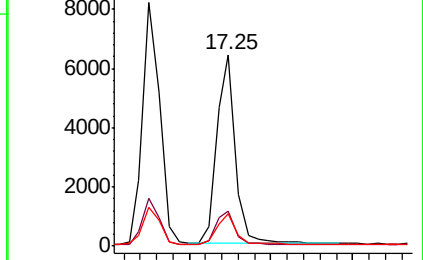
179 15.8 12.2 18.4



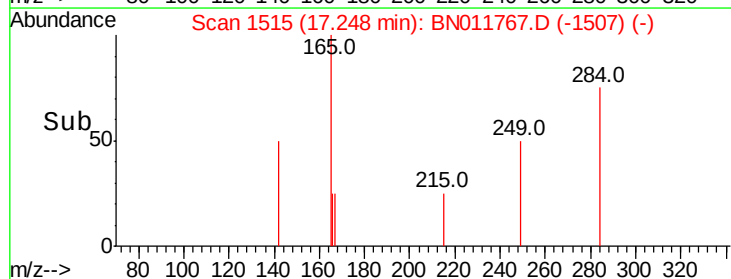
Abundance Ion 178.00 (177.70 to 178.70): E

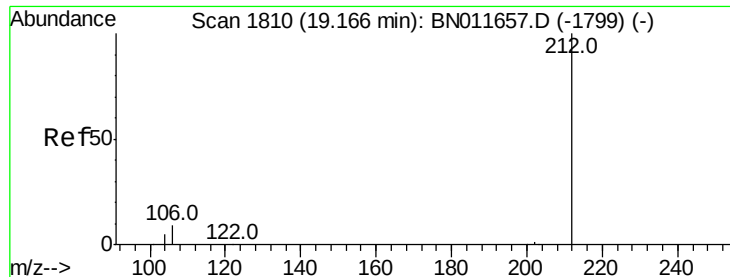
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

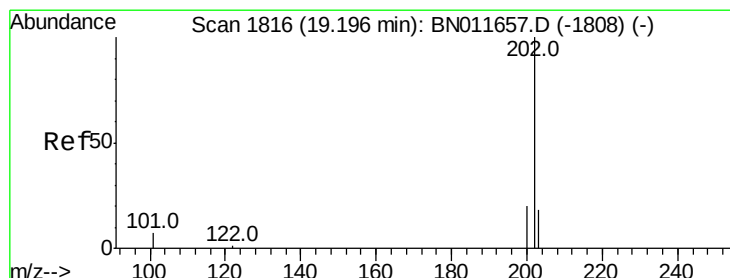
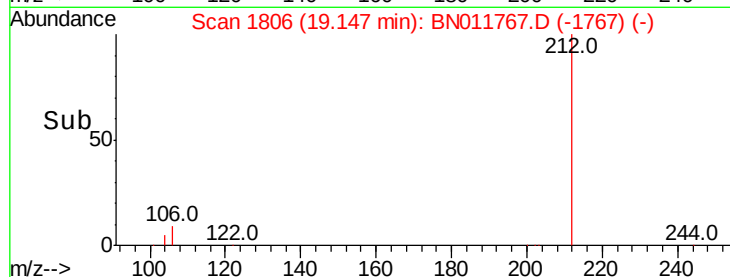
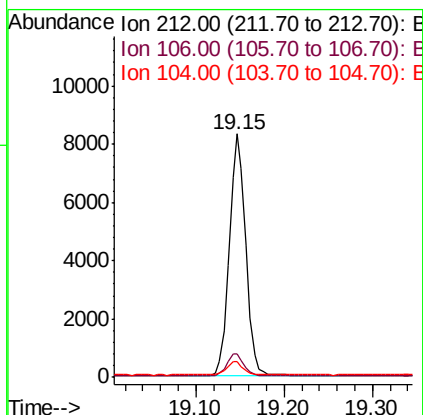
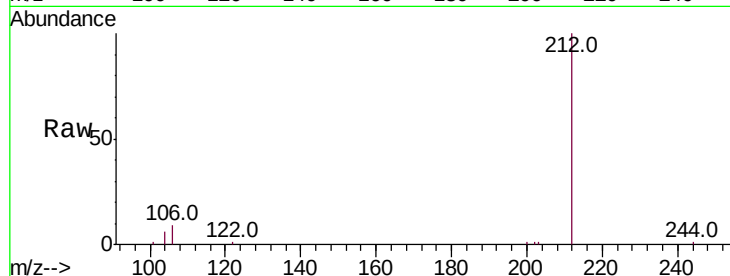




#27
 Fluoranthene-d10
 Concen: 0.327 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011767.D
 Acq: 09 Sep 2020 14:44

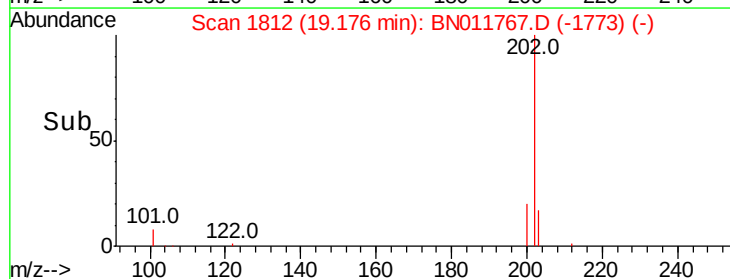
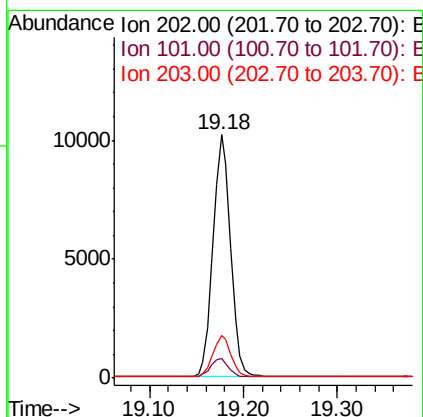
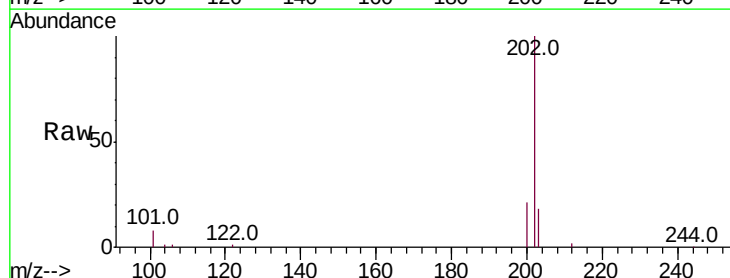
Instrument :
 BNA_N
 ClientSampleId :
 PB131431BSD

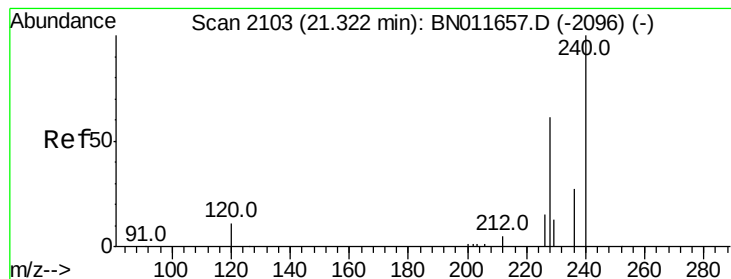
Tot Ion:212 Resp: 10804
 Ion Ratio Lower Upper
 212 100
 106 9.2 7.6 11.4
 104 5.5 4.6 6.8



#28
 Fluoranthene
 Concen: 0.334 ng
 RT: 19.18 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BN011767.D
 Acq: 09 Sep 2020 14:44

Tgt Ion:202 Resp: 13164
 Ion Ratio Lower Upper
 202 100
 101 8.0 6.5 9.7
 203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.30 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

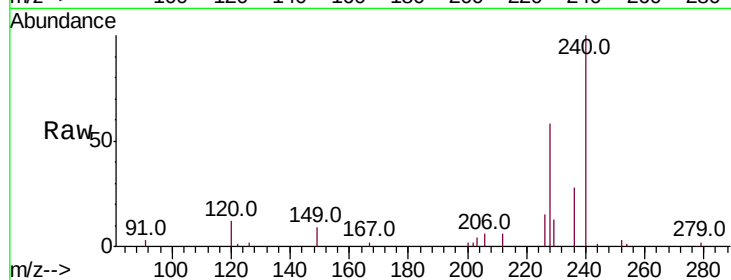
Tot Ion:240 Resp: 9733

Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

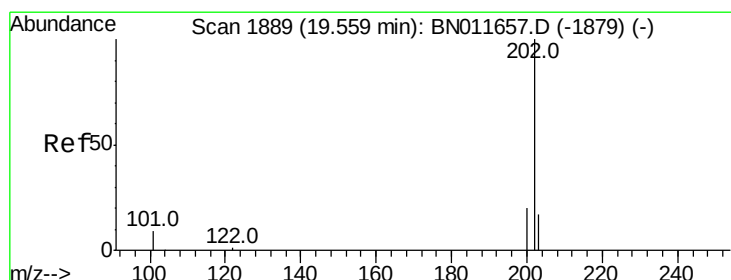
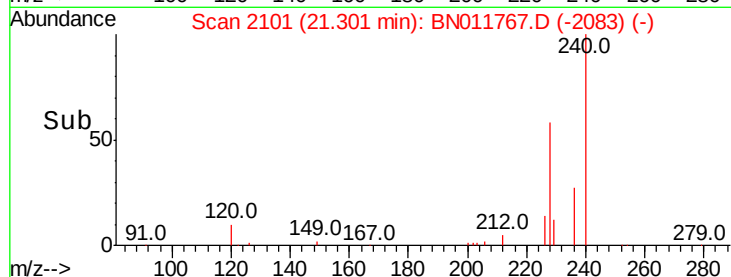
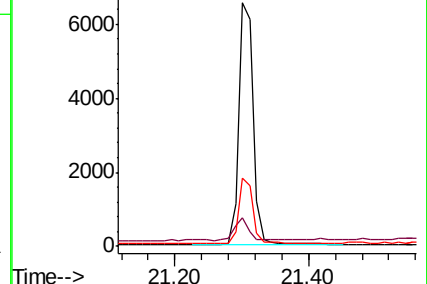
236 28.0 22.2 33.4



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



#30

Pyrene

Concen: 0.387 ng

RT: 19.54 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

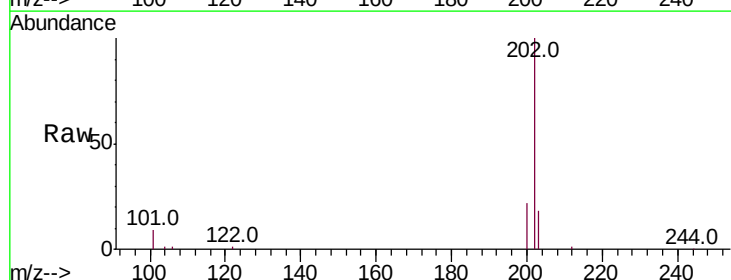
Tgt Ion:202 Resp: 13101

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

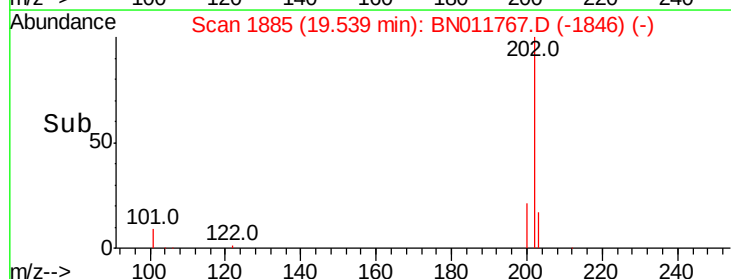
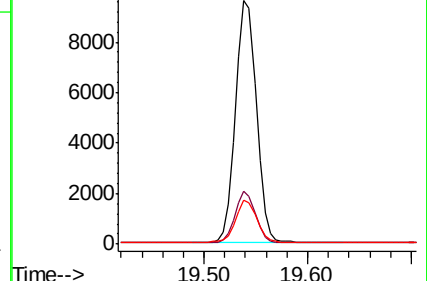
203 17.4 14.1 21.1

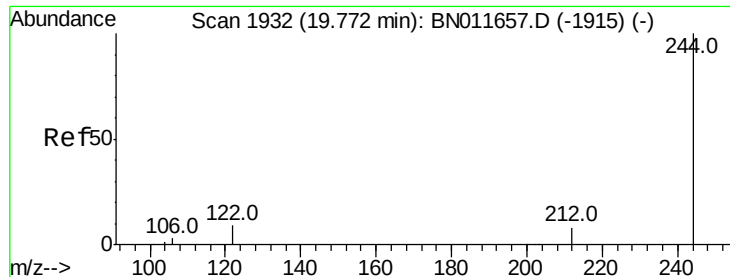


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.383 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

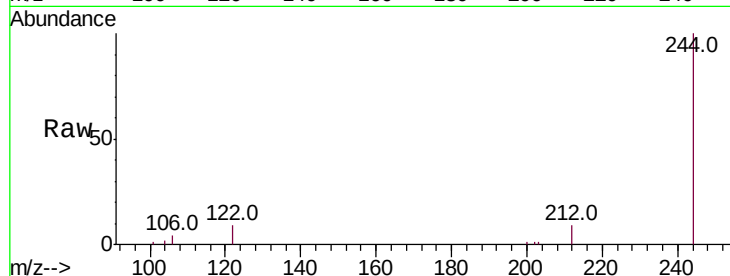
Tot Ion:244 Resp: 9260

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

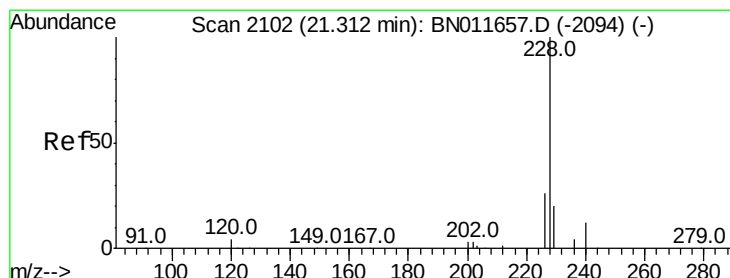
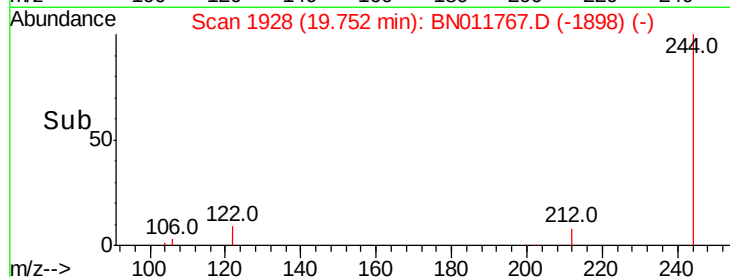
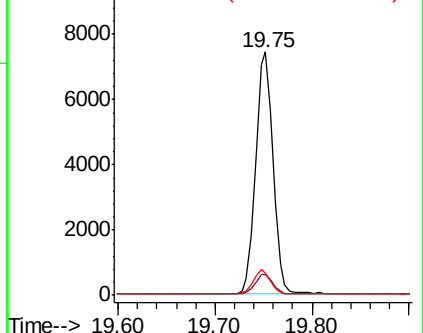
122 9.1 7.4 11.2



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



#32

Benzo(a)anthracene

Concen: 0.337 ng

RT: 21.29 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

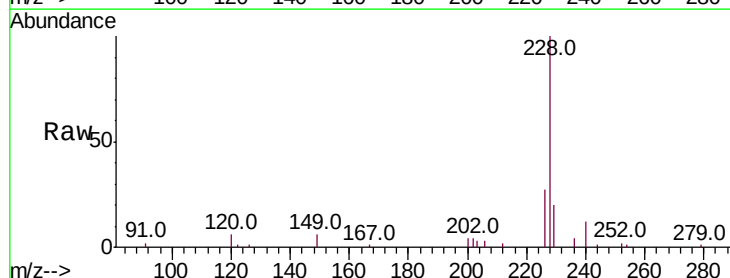
Tgt Ion:228 Resp: 11724

Ion Ratio Lower Upper

228 100

226 27.0 21.2 31.8

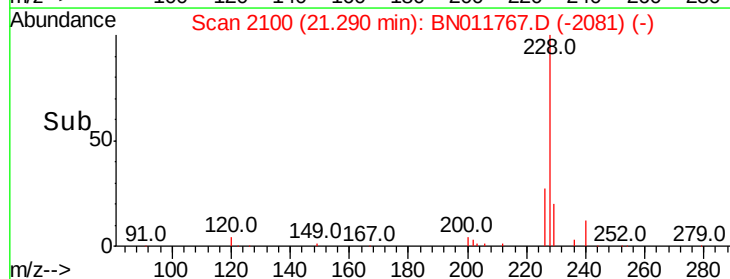
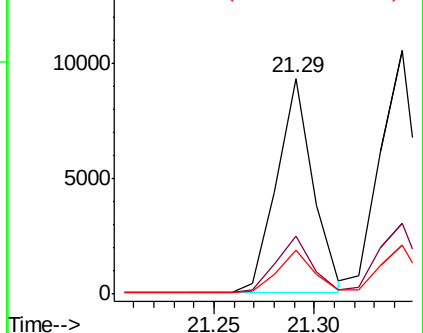
229 20.3 16.0 24.0

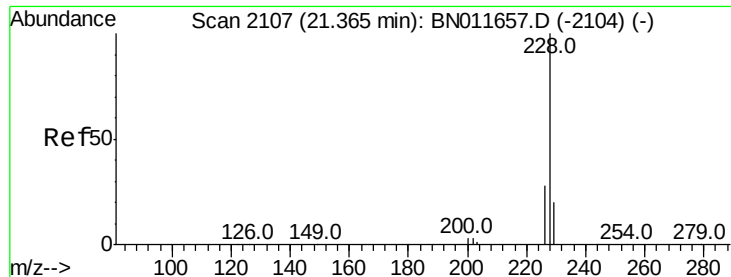


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.370 ng

RT: 21.34 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

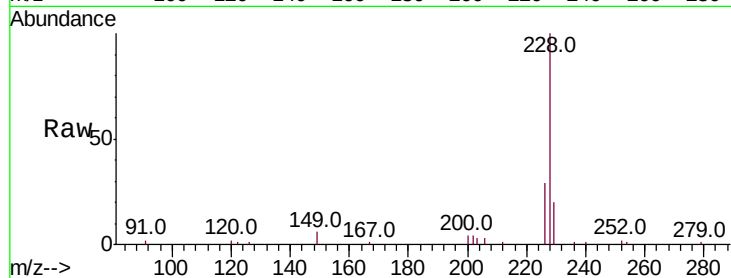
BNA_N

ClientSampleId :

PB131431BSD

Tot Ion:228 Resp: 13265

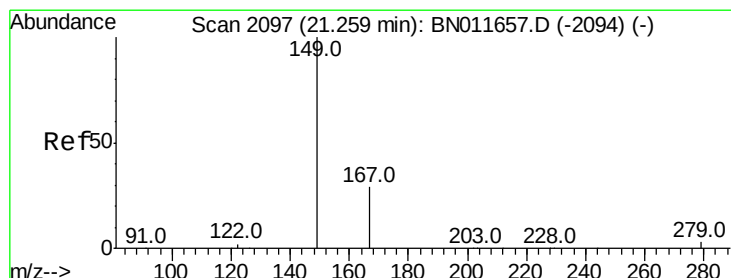
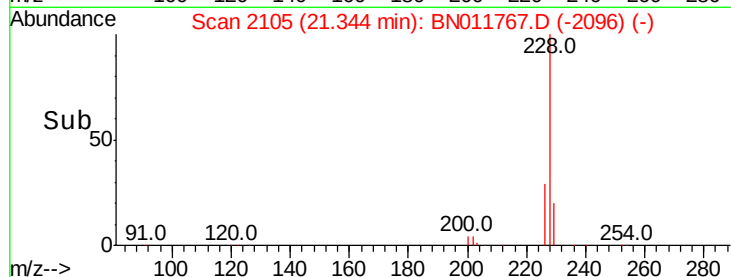
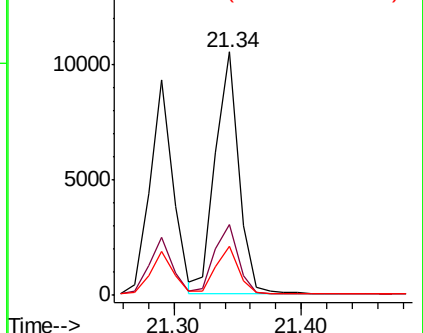
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	20.0	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.333 ng

RT: 21.23 min Scan# 2094

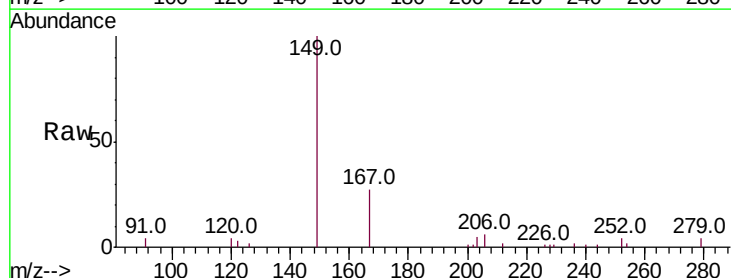
Delta R.T. -0.01 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Tgt Ion:149 Resp: 4708

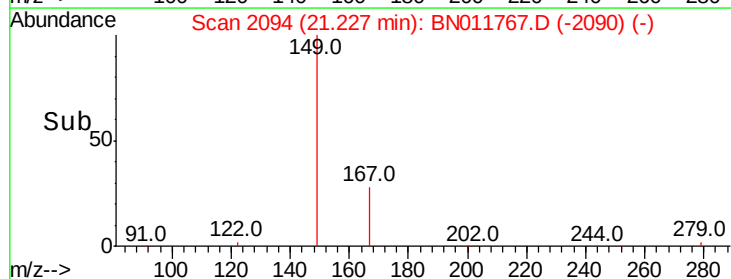
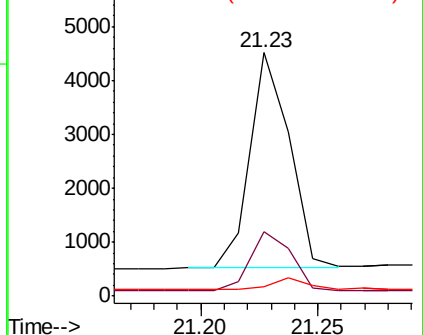
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.2	34.8
279	4.7	4.0	6.0

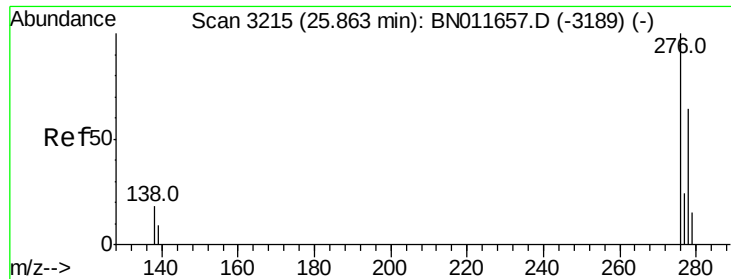


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

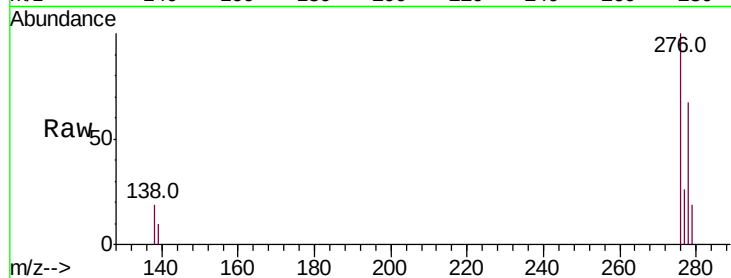




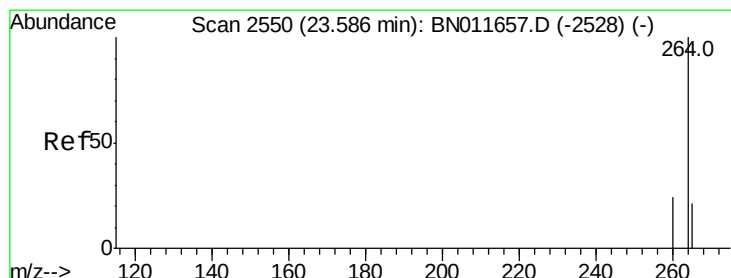
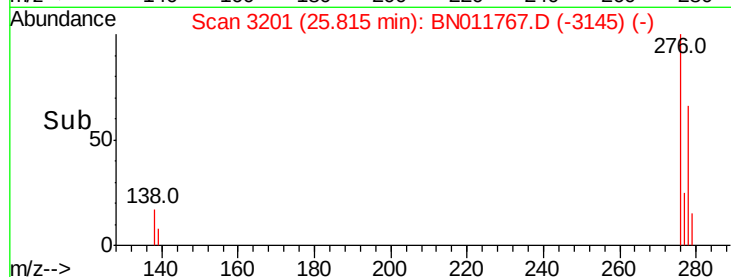
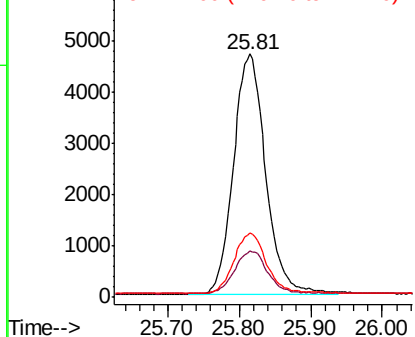
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.316 ng
 RT: 25.81 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BN011767.D
 Acq: 09 Sep 2020 14:44

Instrument :
 BNA_N
 ClientSampleId :
 PB131431BSD

Tot Ion:276 Resp: 14783
 Ion Ratio Lower Upper
 276 100
 138 18.4 15.4 23.2
 277 25.2 20.1 30.1

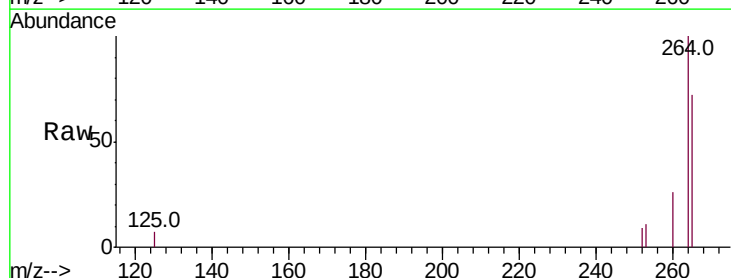


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

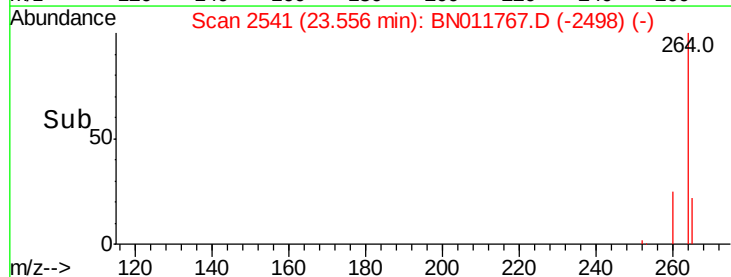
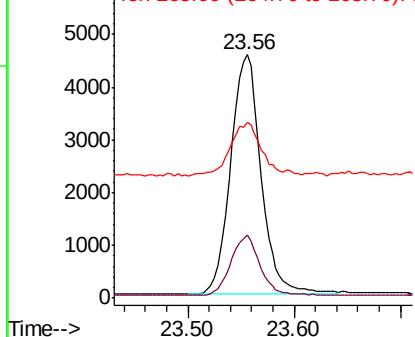


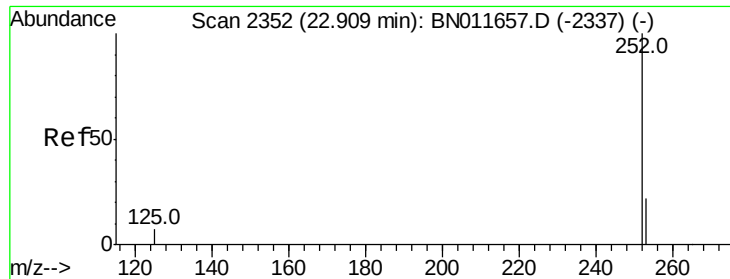
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BN011767.D
 Acq: 09 Sep 2020 14:44

Tgt Ion:264 Resp: 9066
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.8 29.6
 265 72.0 38.9 58.3#



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

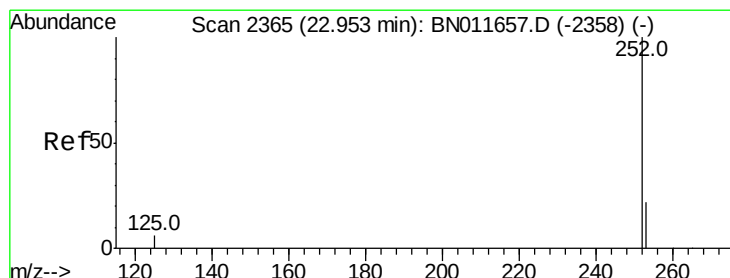
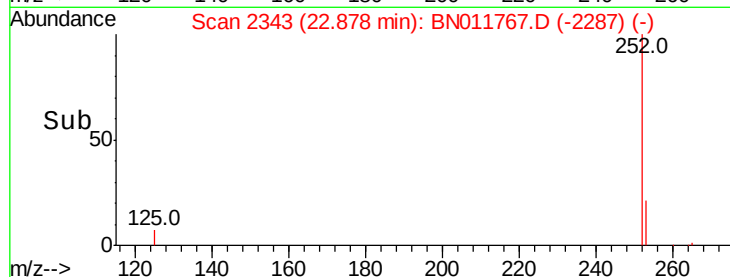
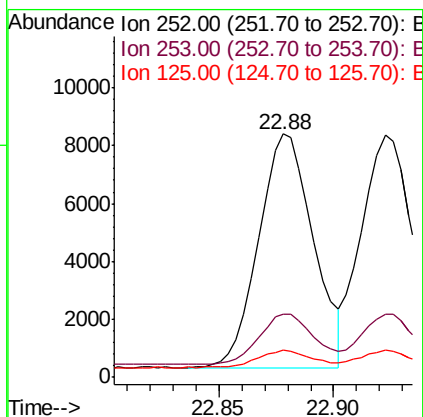
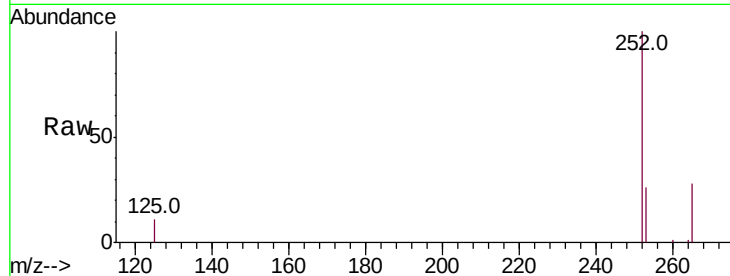




#37
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 22.88 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BN011767.D
Acq: 09 Sep 2020 14:44

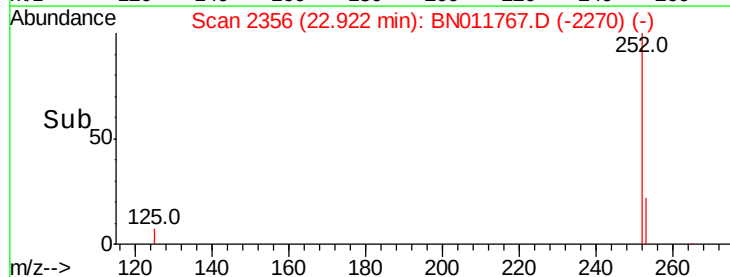
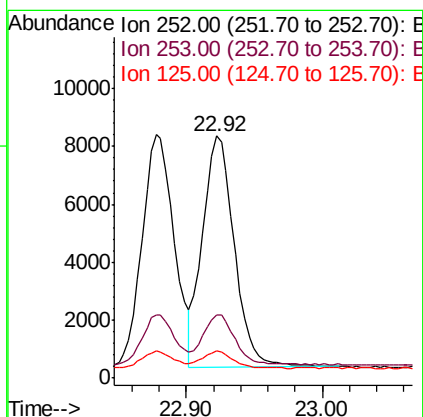
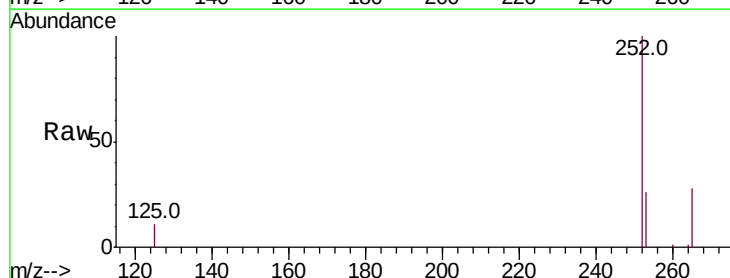
Instrument :
BNA_N
ClientSampleId :
PB131431BSD

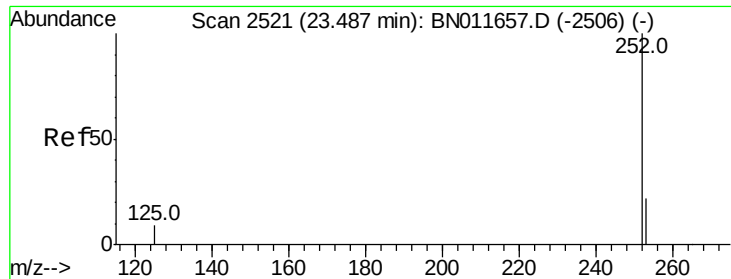
Tot Ion:252 Resp: 13358
Ion Ratio Lower Upper
252 100
253 25.8 19.7 29.5
125 11.0 7.8 11.8



#38
Benzo(k)fluoranthene
Concen: 0.366 ng
RT: 22.92 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BN011767.D
Acq: 09 Sep 2020 14:44

Tgt Ion:252 Resp: 12999
Ion Ratio Lower Upper
252 100
253 26.3 19.4 29.0
125 11.1 8.4 12.6





#39

Benzo(a)pyrene

Concen: 0.350 ng

RT: 23.46 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

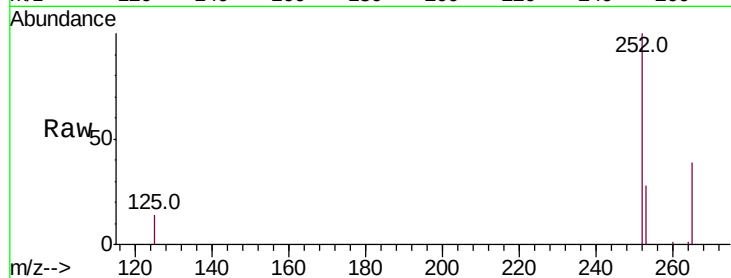
Tot Ion:252 Resp: 10880

Ion Ratio Lower Upper

252 100

253 28.3 20.3 30.5

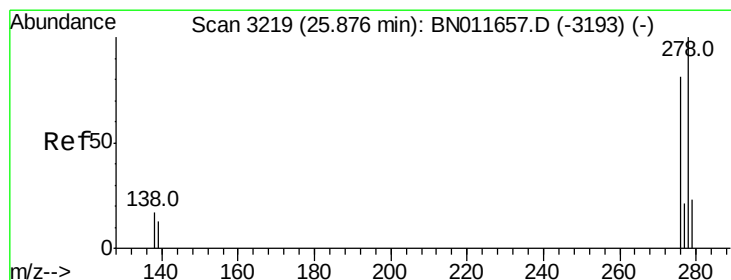
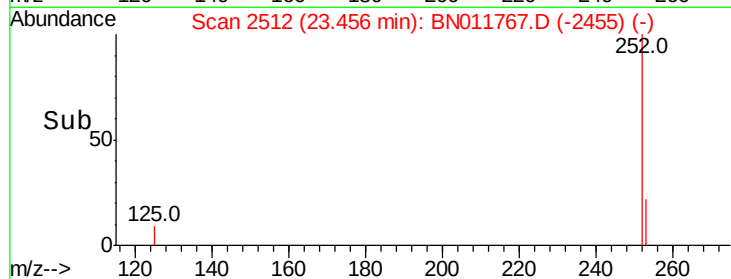
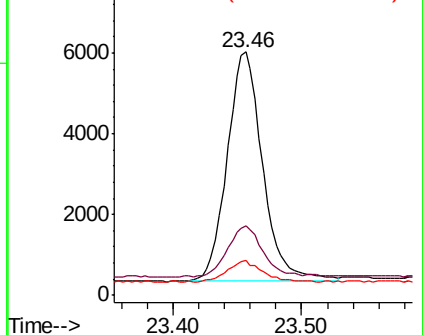
125 14.1 9.8 14.6



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



#40

Dibenzo(a,h)anthracene

Concen: 0.347 ng

RT: 25.83 min Scan# 3205

Delta R.T. -0.01 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

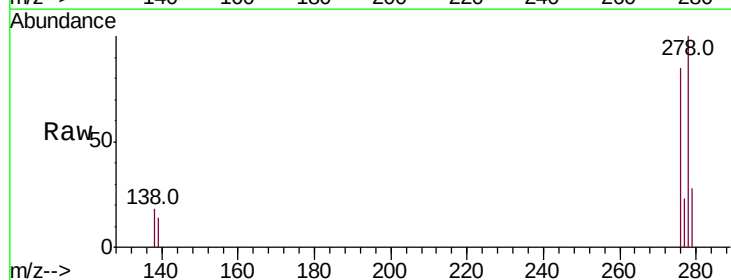
Tgt Ion:278 Resp: 12171

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.6

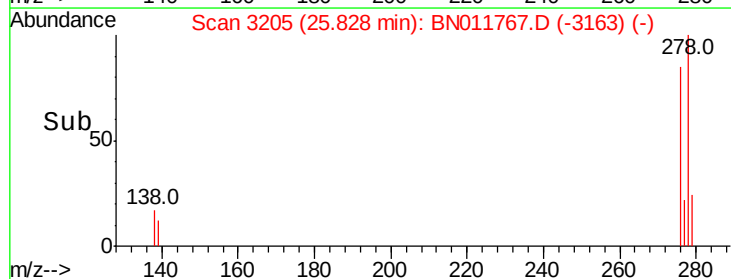
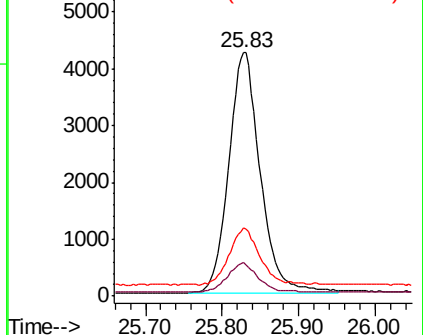
279 28.2 20.5 30.7

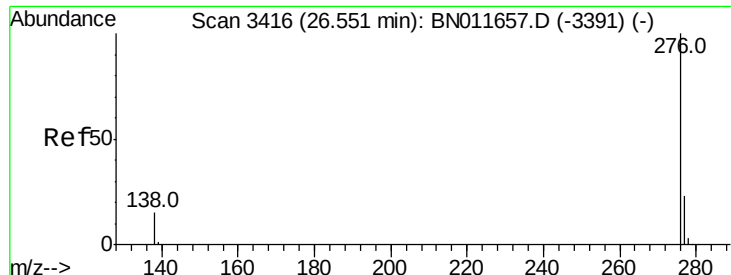


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.366 ng

RT: 26.50 min Scan# 3402

Delta R.T. -0.00 min

Lab File: BN011767.D

Acq: 09 Sep 2020 14:44

Instrument :

BNA_N

ClientSampleId :

PB131431BSD

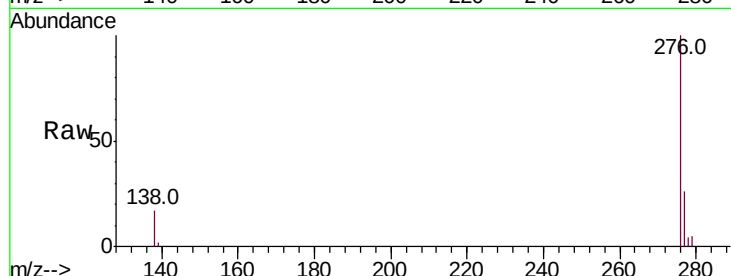
Tot Ion:276 Resp: 12592

Ion Ratio Lower Upper

276 100

277 25.6 19.7 29.5

138 17.5 13.4 20.2



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

