

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071020\
 Data File : BN011134.D
 Acq On : 09 Jul 2020 16:14
 Operator : CG/JU
 Sample : PB130052BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BS

Quant Time: Jul 09 16:44:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 15:33:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2900	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	9814	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	5733	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	10290	0.40	ng	0.00
29) Chrysene-d12	21.10	240	9105	0.40	ng	0.00
36) Perylene-d12	23.24	264	8235	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2645	0.37	ng	0.00
5) Phenol-d6	6.72	99	2863	0.35	ng	0.00
8) Nitrobenzene-d5	8.64	82	3545	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	11.85	152	8575	0.50	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	712	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	9672	0.36	ng	0.00
27) Fluoranthene-d10	18.93	212	9433	0.30	ng	0.00
31) Terphenyl-d14	19.55	244	10495	0.44	ng	0.00

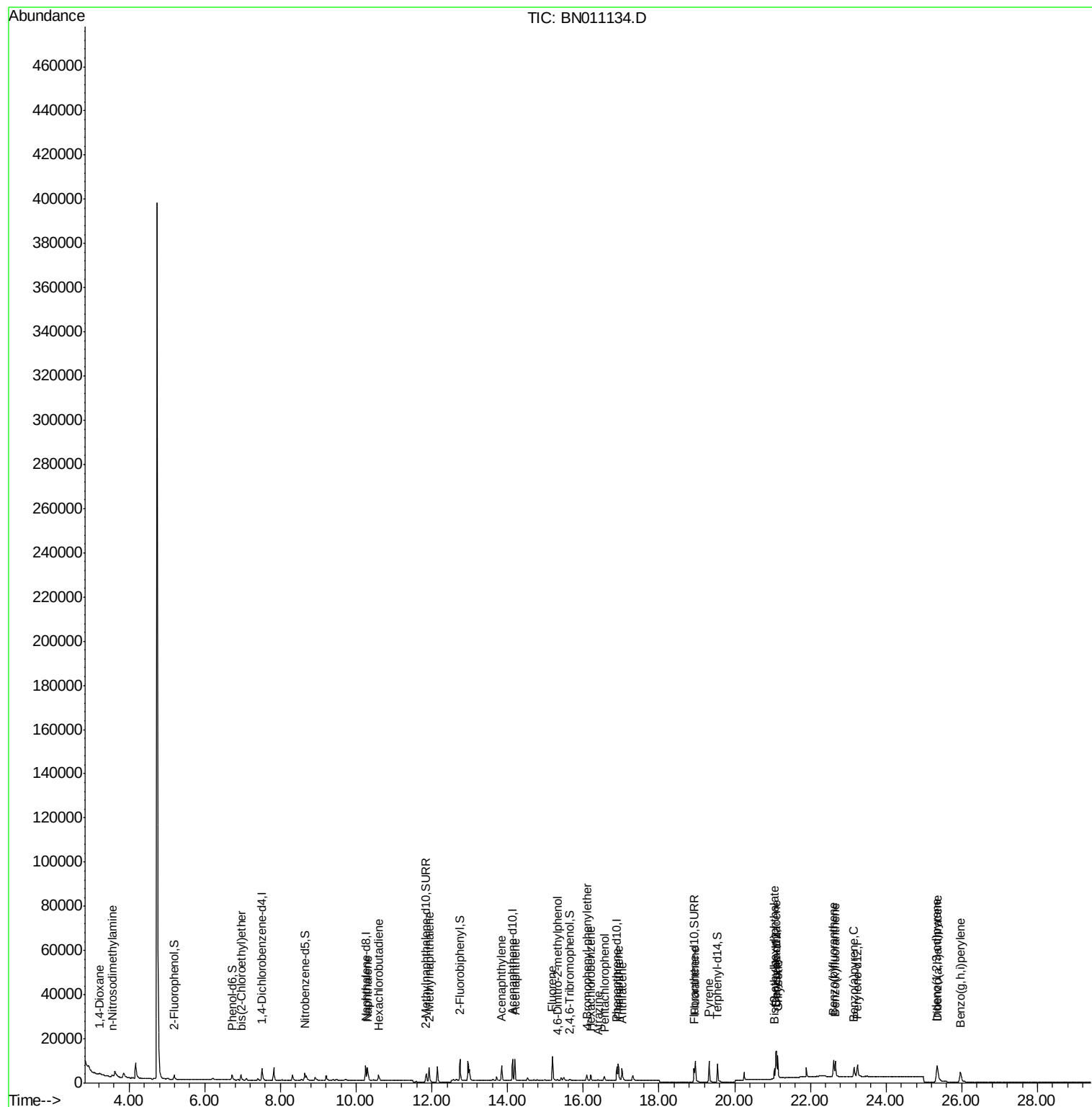
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	622	0.152	ng	# 55
3) n-Nitrosodimethylamine	3.55	42	607	0.294	ng	# 73
6) bis(2-Chloroethyl)ether	6.96	93	2385	0.316	ng	99
9) Naphthalene	10.30	128	8380	0.286	ng	100
10) Hexachlorobutadiene	10.60	225	1970	0.265	ng	# 100
12) 2-Methylnaphthalene	11.93	142	5588	0.285	ng	98
16) Acenaphthylene	13.84	152	8319	0.289	ng	99
17) Acenaphthene	14.20	154	5222	0.268	ng	100
18) Fluorene	15.19	166	5924	0.243	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	404	0.401	ng	# 82
21) 4-Bromophenyl-phenylether	16.10	248	1800	0.263	ng	# 84
22) Hexachlorobenzene	16.20	284	2111	0.262	ng	98
23) Atrazine	16.39	200	538	0.111	ng	94
24) Pentachlorophenol	16.56	266	1463	0.674	ng	93
25) Phenanthrene	16.92	178	9084	0.273	ng	100
26) Anthracene	17.02	178	7800	0.283	ng	98
28) Fluoranthene	18.96	202	10526	0.281	ng	99
30) Pyrene	19.32	202	10299	0.303	ng	99
32) Benzo(a)anthracene	21.09	228	8843	0.291	ng	99
33) Chrysene	21.13	228	10764	0.308	ng	98
34) Bis(2-ethylhexyl)phthalate	21.05	149	3520	0.286	ng	99
35) Indeno(1,2,3-cd)pyrene	25.34	276	12049	0.330	ng	99
37) Benzo(b)fluoranthene	22.61	252	9697	0.294	ng	98
38) Benzo(k)fluoranthene	22.66	252	10908	0.309	ng	98
39) Benzo(a)pyrene	23.15	252	8030	0.282	ng	98
40) Dibenzo(a,h)anthracene	25.36	278	9767	0.335	ng	98
41) Benzo(g,h,i)perylene	25.97	276	10553	0.329	ng	98

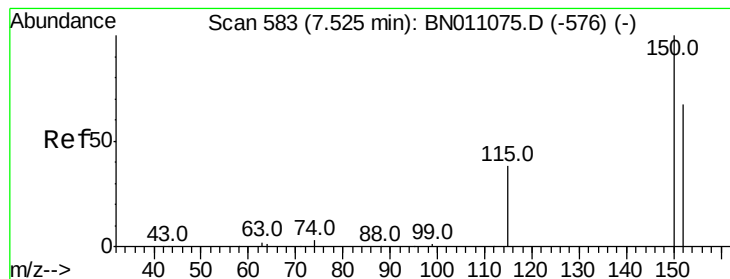
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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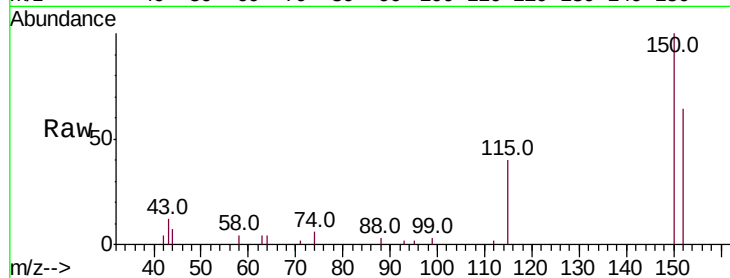


#1

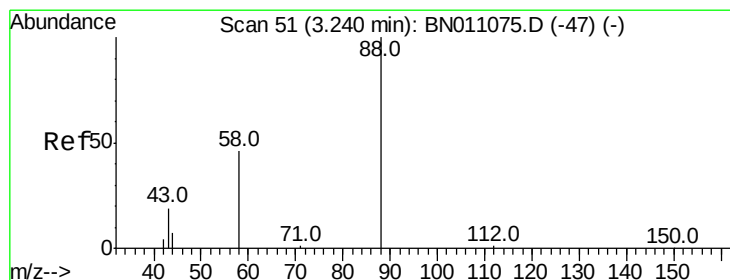
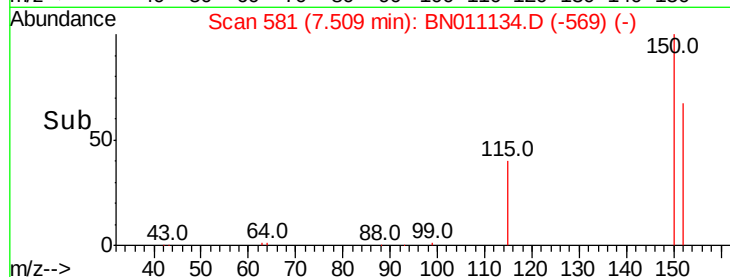
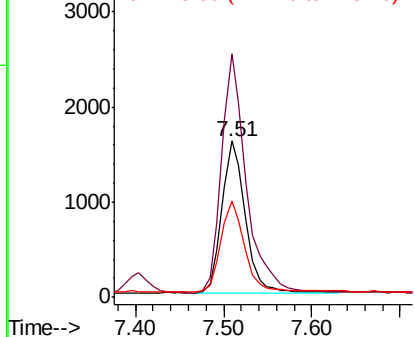
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tot Ion:152 Resp: 2900
Ion Ratio Lower Upper
152 100
150 156.0 117.4 176.0
115 61.9 47.9 71.9



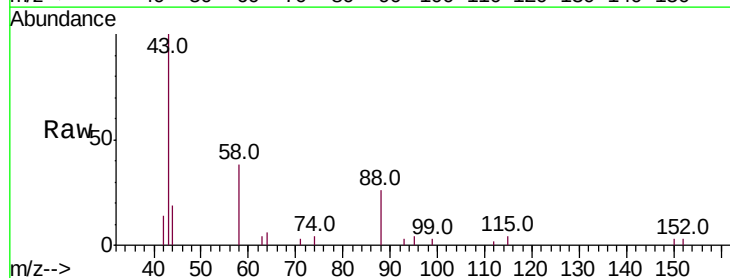
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



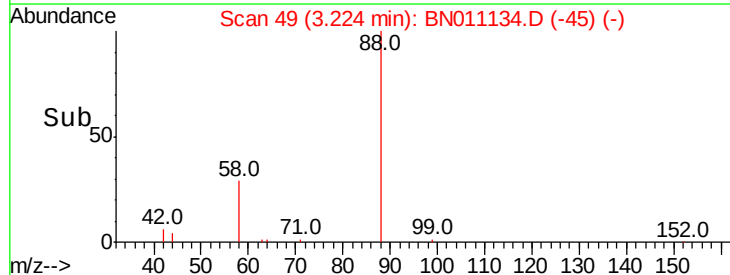
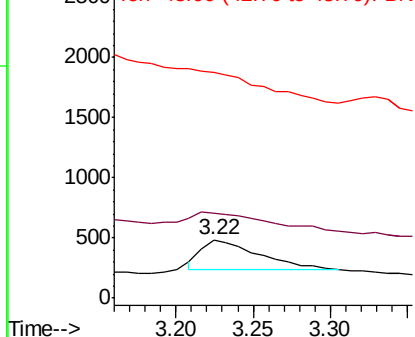
#2

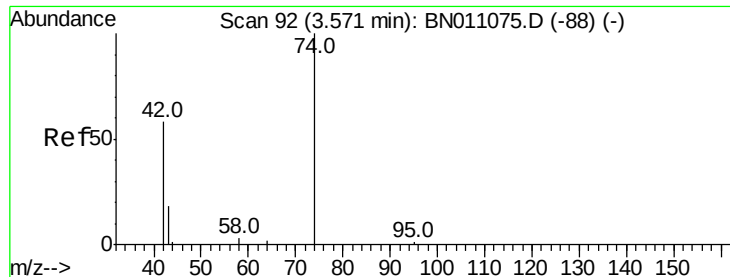
1,4-Dioxane
Concen: 0.152 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.02 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion: 88 Resp: 622
Ion Ratio Lower Upper
88 100
58 79.4 38.6 57.8#
43 0.0 15.4 23.0#



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: 0.294 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

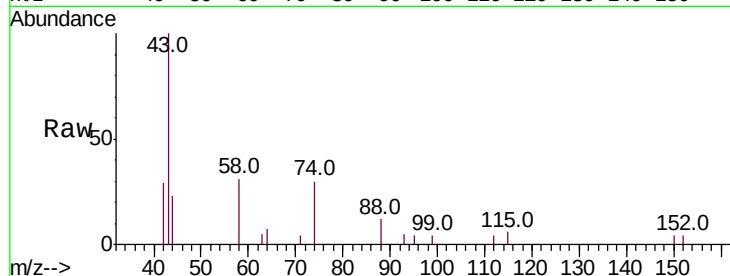
Tot Ion: 42 Resp: 607

Ion Ratio Lower Upper

42 100

74 216.6 142.5 213.7#

44 5.3 0.0 0.0#

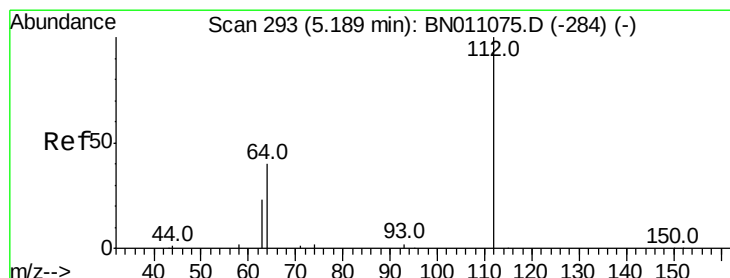
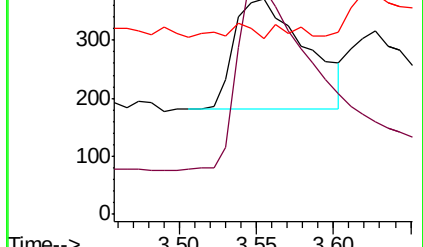
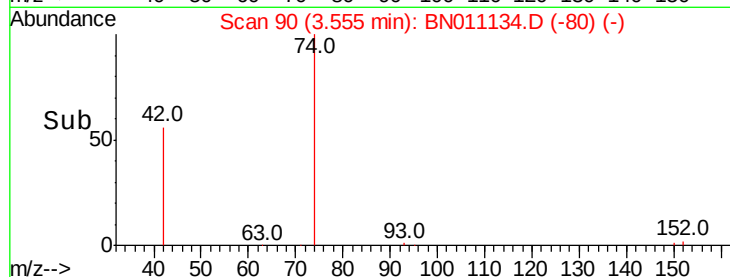


Abundance Ion 42.00 (41.70 to 42.70): BN011075.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN011075.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN011075.D (-88) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.367 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

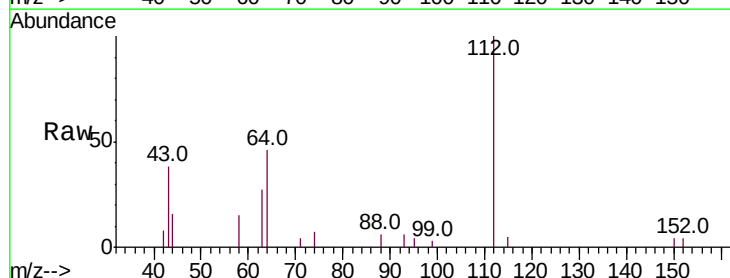
Tgt Ion: 112 Resp: 2645

Ion Ratio Lower Upper

112 100

64 45.0 36.5 54.7

63 26.5 20.6 30.8

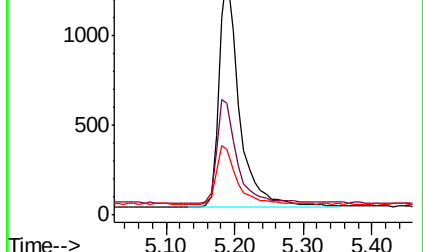
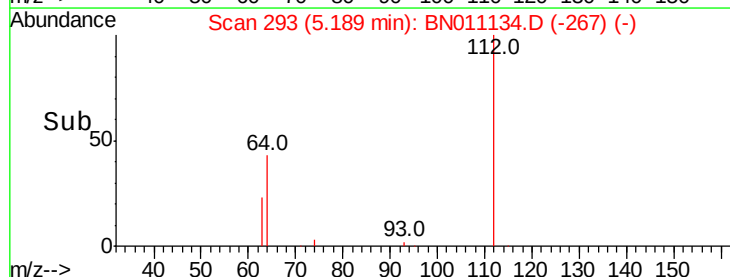


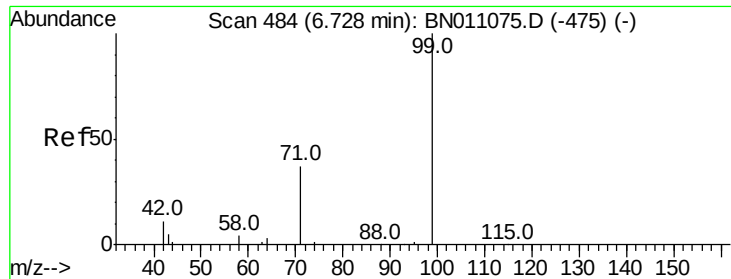
Abundance Ion 112.00 (111.70 to 112.70): BN011075.D (-284) (-)

Ion 64.00 (63.70 to 64.70): BN011075.D (-284) (-)

Ion 63.00 (62.70 to 63.70): BN011075.D (-284) (-)

Time-->





#5

Phenol-d6

Concen: 0.345 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

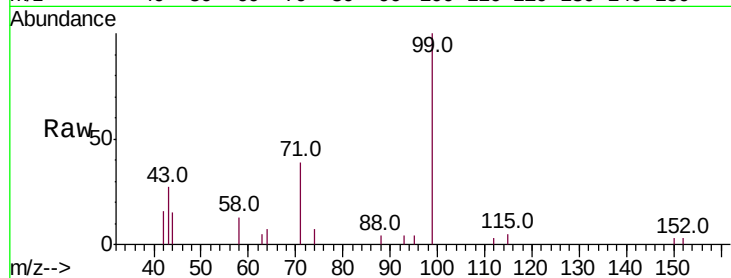
Tot Ion: 99 Resp: 2863

Ion Ratio Lower Upper

99 100

42 13.1 9.8 14.8

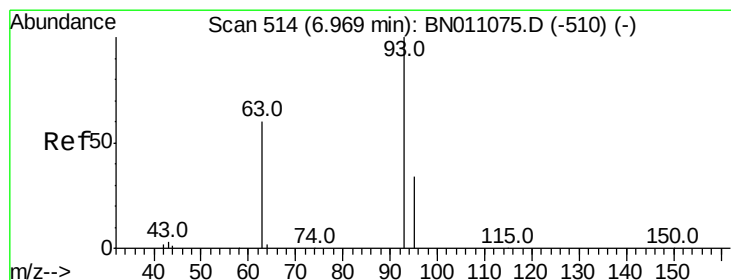
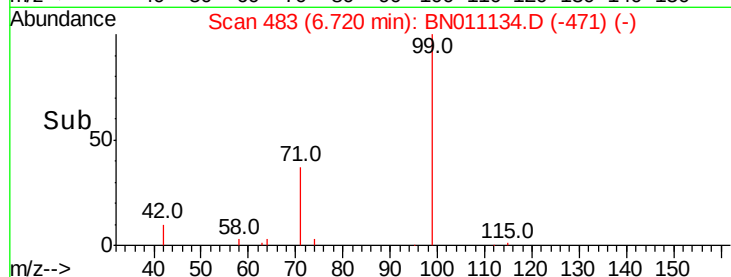
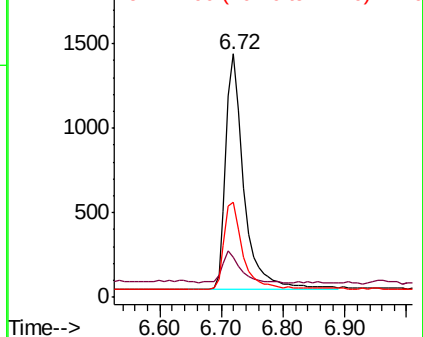
71 38.7 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011134.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN011134.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN011134.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.316 ng

RT: 6.96 min Scan# 513

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

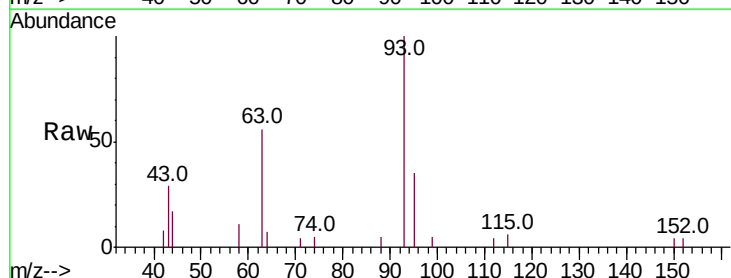
Tgt Ion: 93 Resp: 2385

Ion Ratio Lower Upper

93 100

63 58.4 47.4 71.2

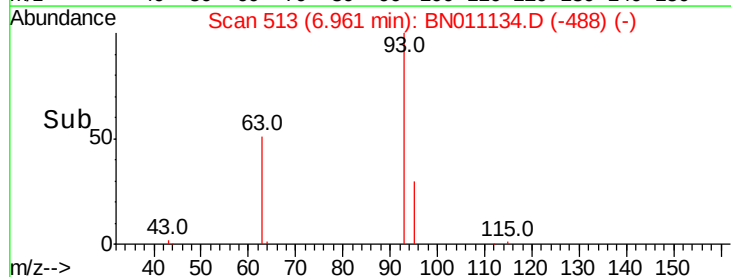
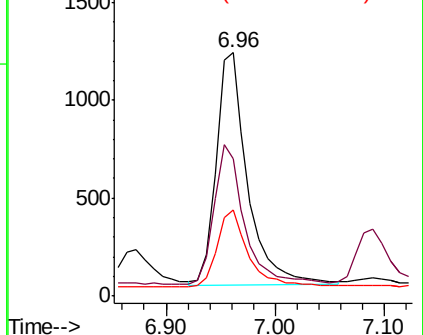
95 32.9 26.4 39.6

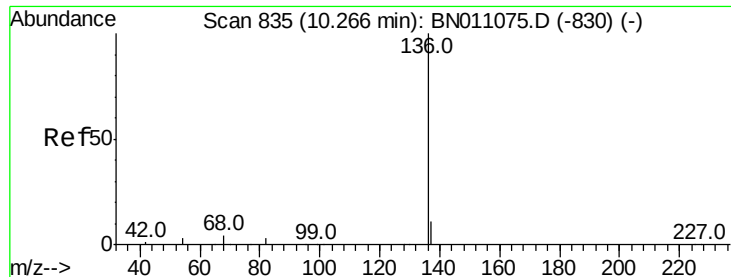


Abundance Ion 93.00 (92.70 to 93.70): BN011134.D (-488) (-)

Ion 63.00 (62.70 to 63.70): BN011134.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011134.D (-488) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

Tot Ion:136 Resp: 9814

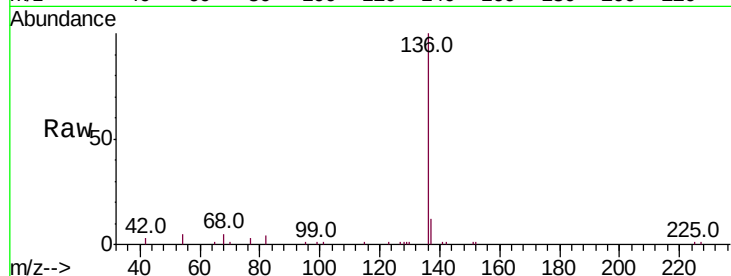
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 4.6 3.8 5.6

68 4.9 4.3 6.5

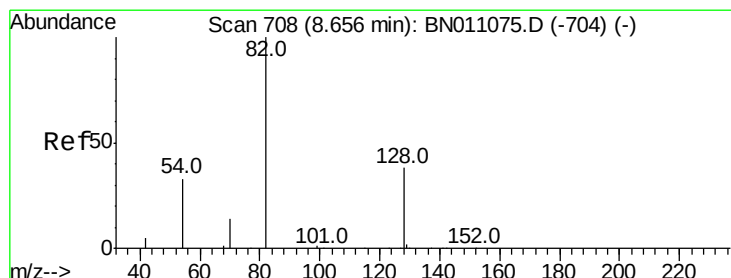
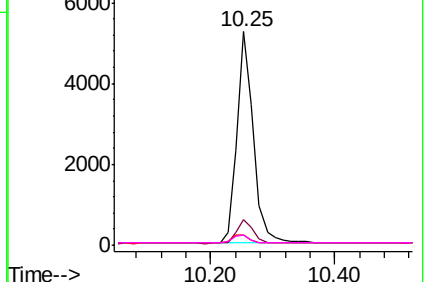
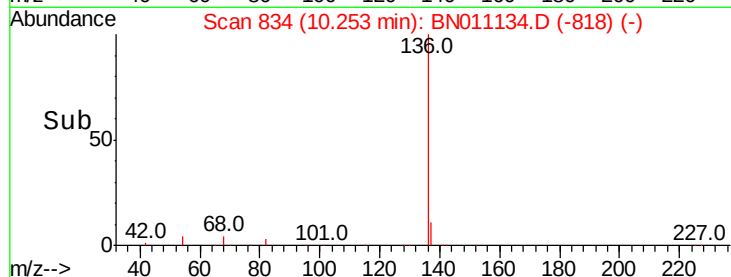


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.425 ng

RT: 8.64 min Scan# 707

Delta R.T. -0.01 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

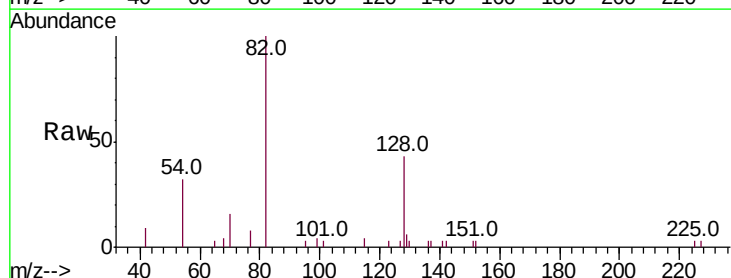
Tgt Ion: 82 Resp: 3545

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.2

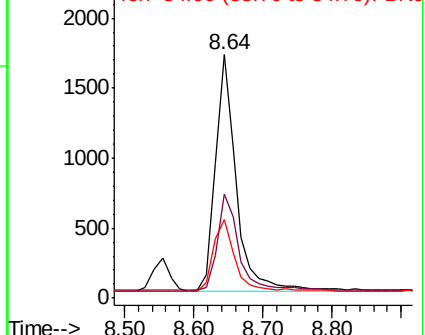
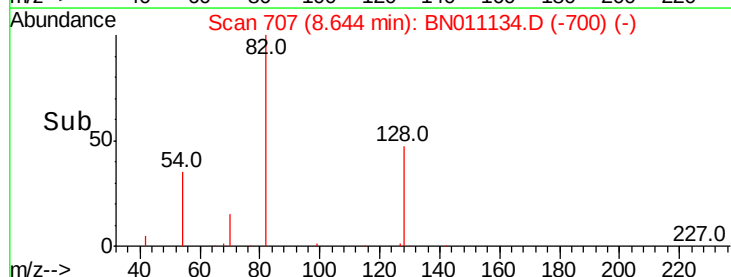
54 32.3 29.4 44.0

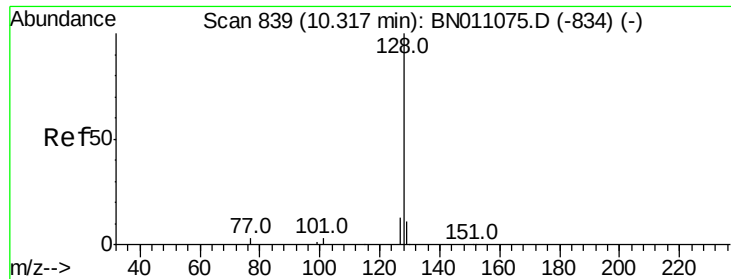


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.286 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

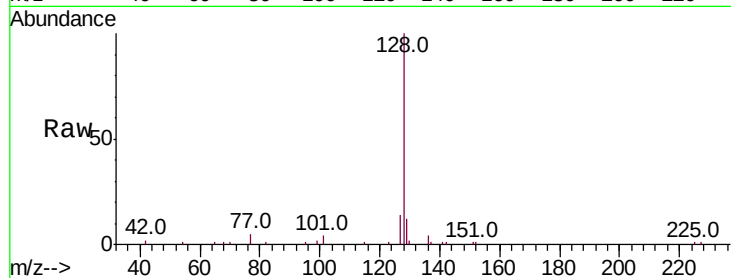
Tot Ion:128 Resp: 8380

Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.8

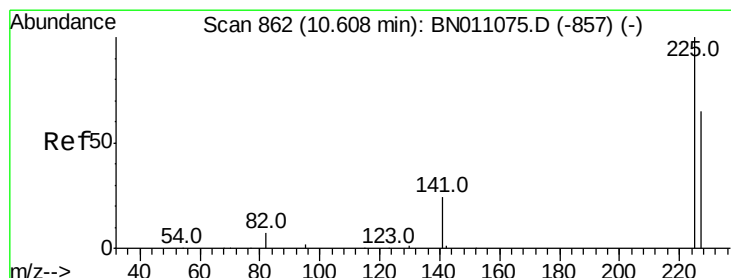
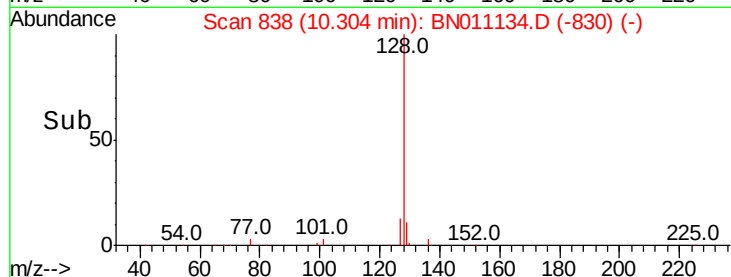
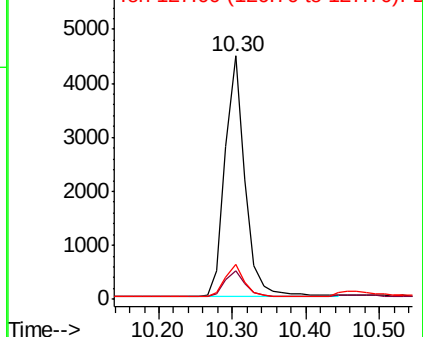
127 14.1 11.3 16.9



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: 0.265 ng

RT: 10.60 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

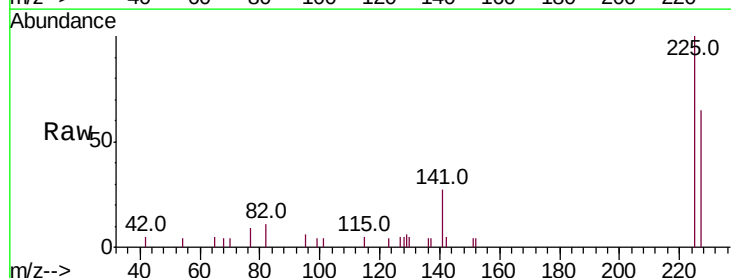
Tgt Ion:225 Resp: 1970

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

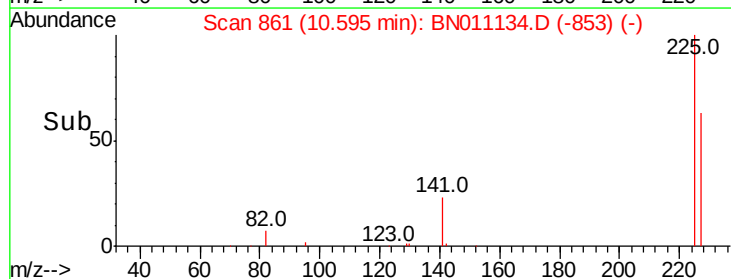
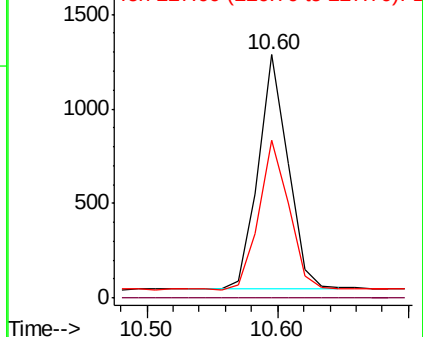
227 64.0 51.4 77.2

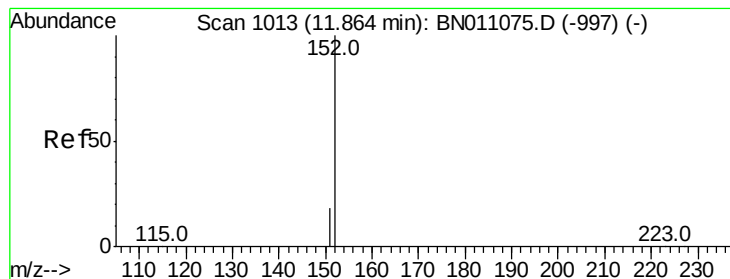


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.505 ng

RT: 11.85 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

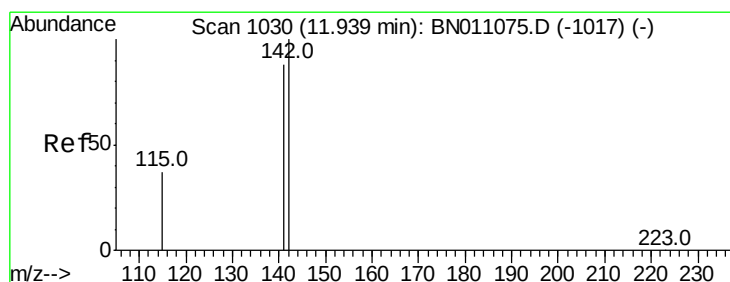
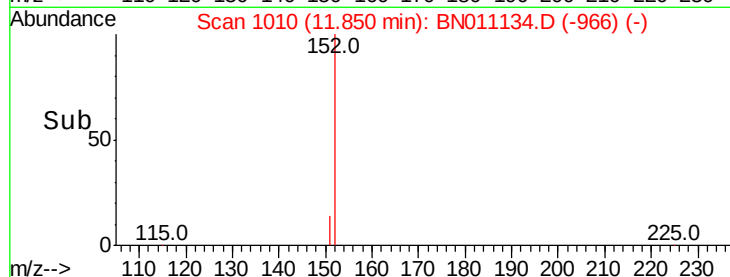
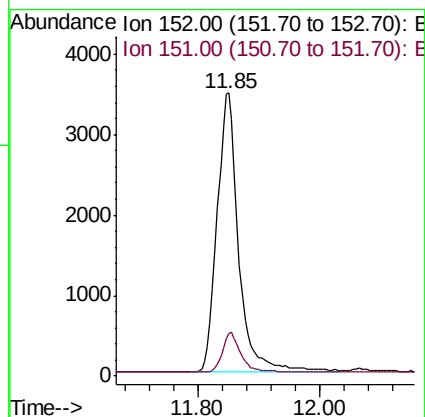
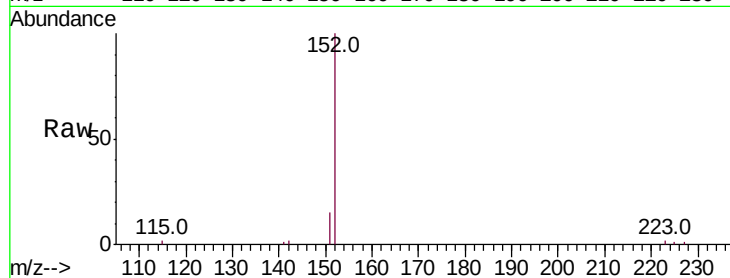
PB130052BS

Tot Ion:152 Resp: 8575

Ion Ratio Lower Upper

152 100

151 11.8 16.6 24.8#



#12

2-Methylnaphthalene

Concen: 0.285 ng

RT: 11.93 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

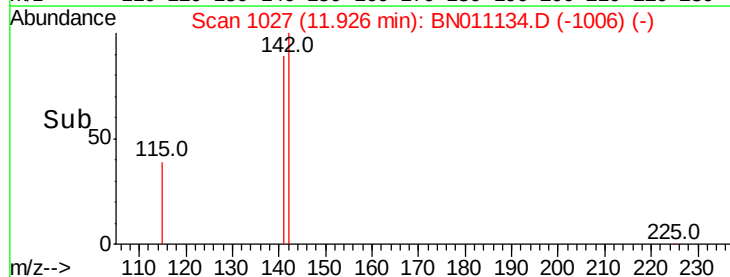
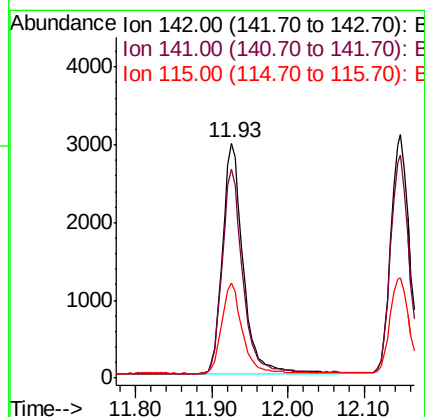
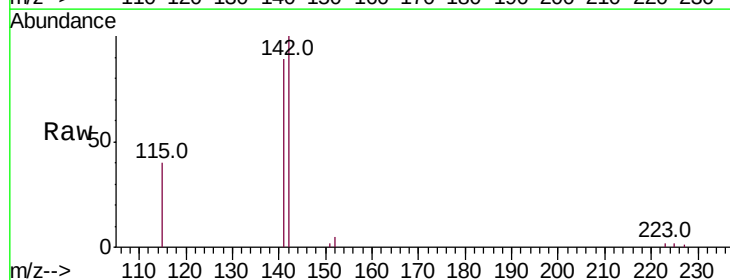
Tgt Ion:142 Resp: 5588

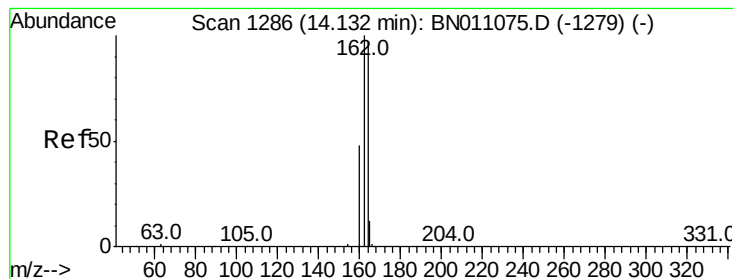
Ion Ratio Lower Upper

142 100

141 89.0 70.3 105.5

115 40.5 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

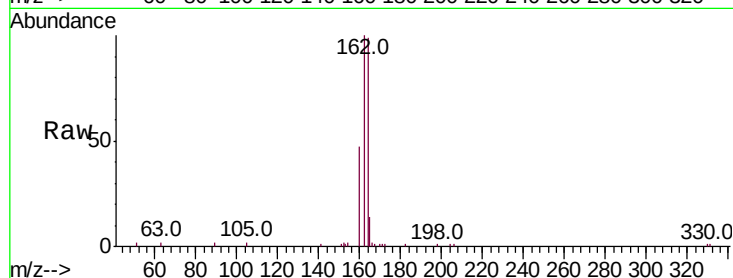
Tot Ion:164 Resp: 5733

Ion Ratio Lower Upper

164 100

162 100.9 82.3 123.5

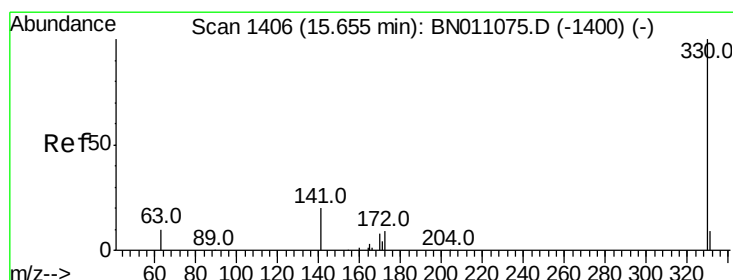
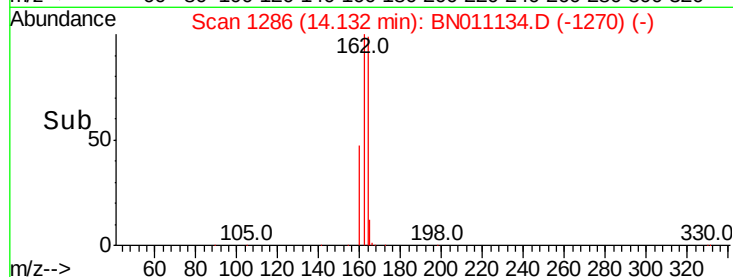
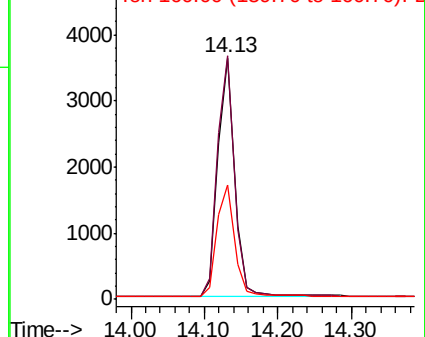
160 47.6 40.6 61.0



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: 0.296 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

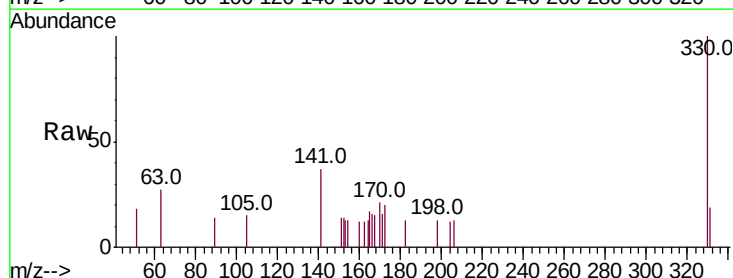
Tgt Ion:330 Resp: 712

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

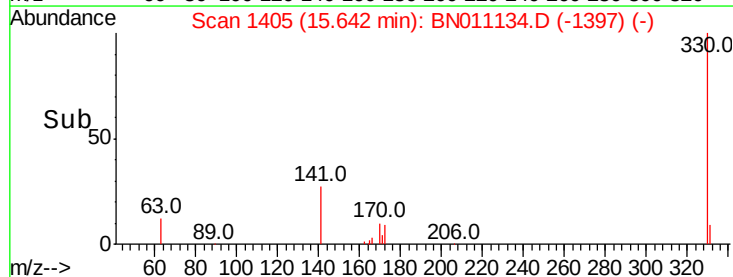
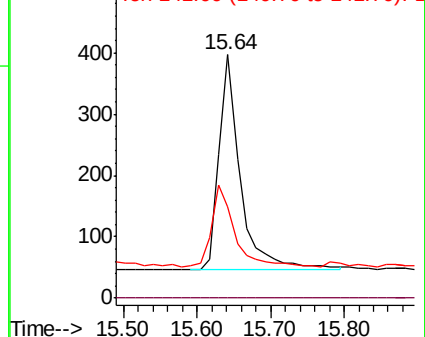
141 40.3 32.6 49.0

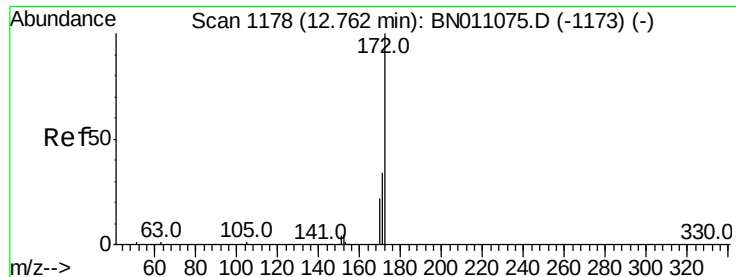


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.358 ng

RT: 12.75 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

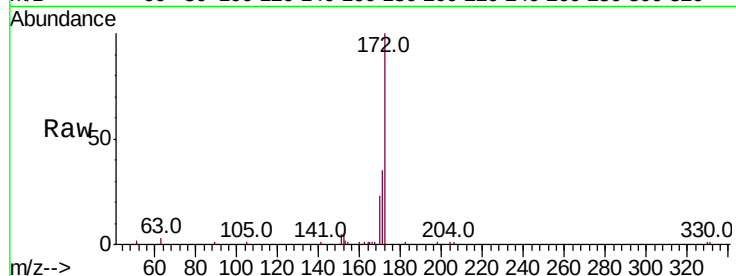
BNA_N

ClientSampleId :

PB130052BS

Tot Ion:172 Resp: 9672

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	23.2	18.7	28.1

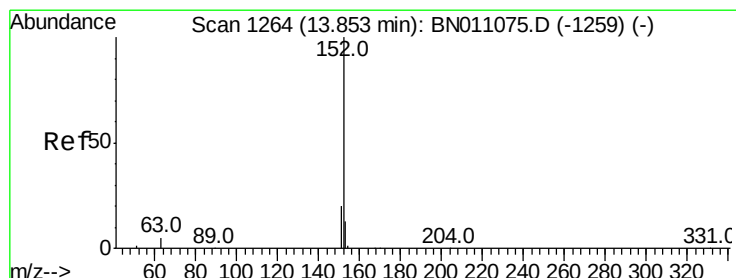
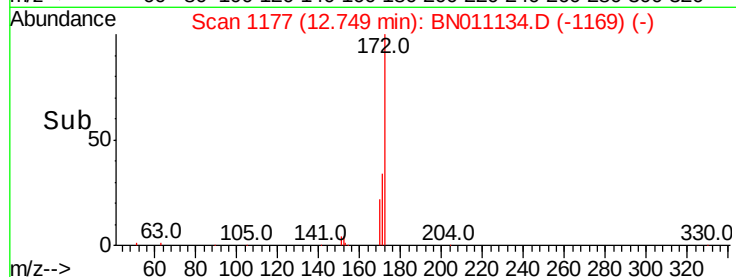
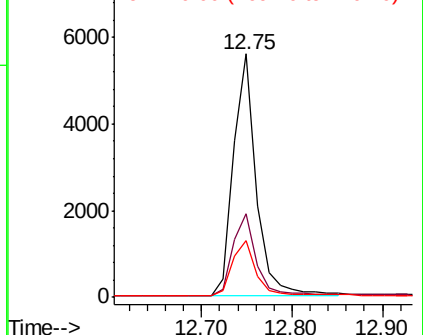


Abundance

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: 0.289 ng

RT: 13.84 min Scan# 1263

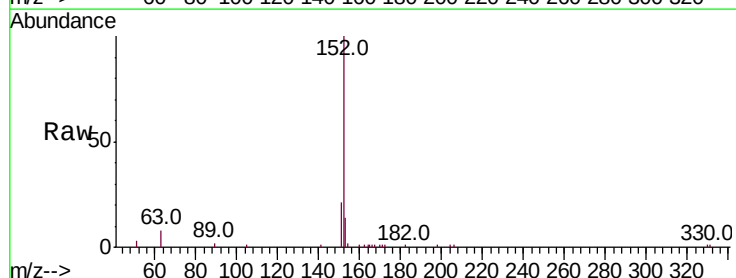
Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Tgt Ion:152 Resp: 8319

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.8	16.2

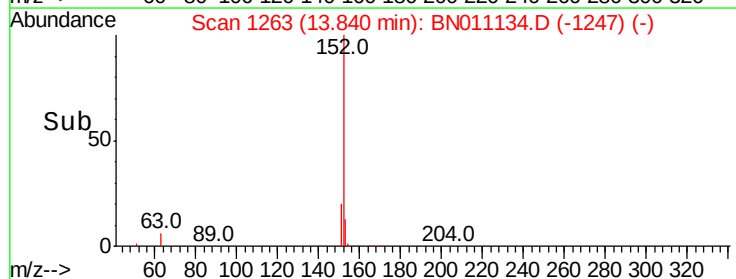
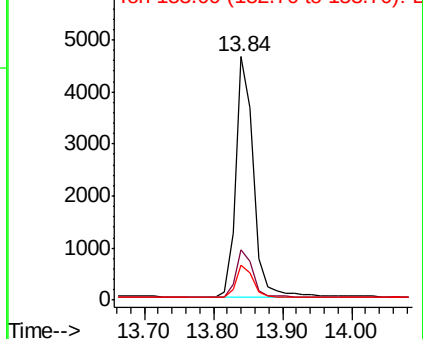


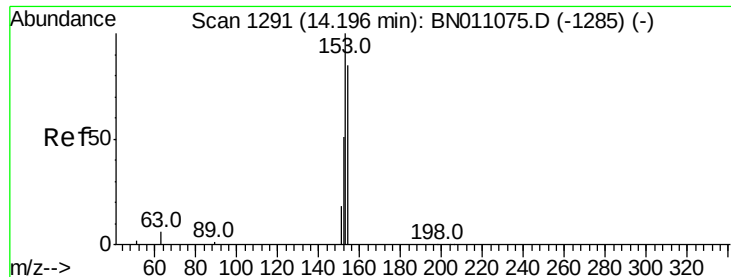
Abundance

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: 0.268 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

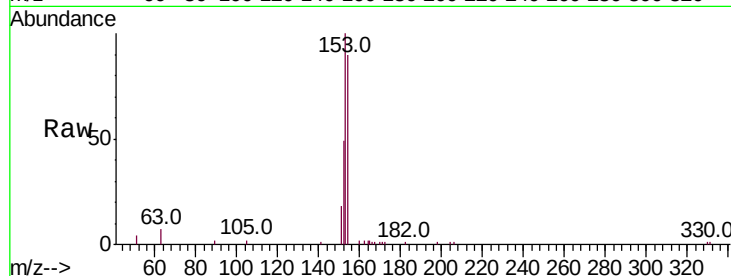
Tot Ion:154 Resp: 5222

Ion Ratio Lower Upper

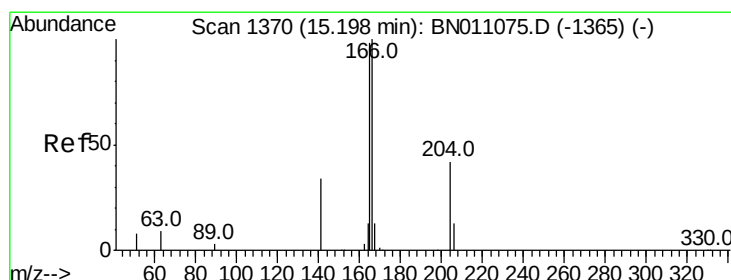
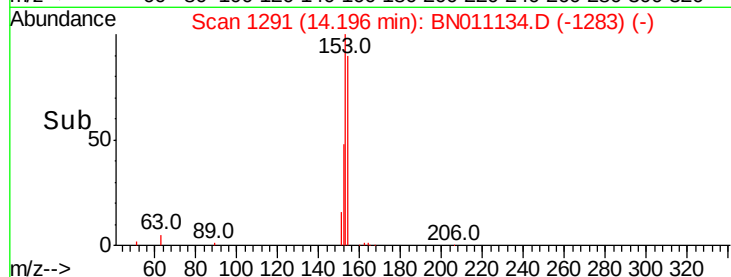
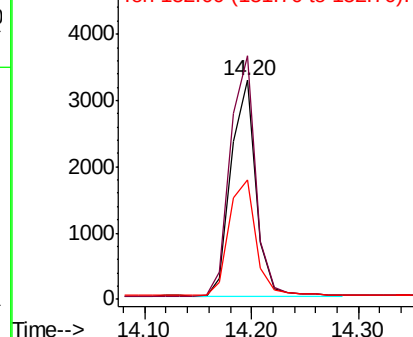
154 100

153 115.0 91.7 137.5

152 58.3 46.8 70.2



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: 0.243 ng

RT: 15.19 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

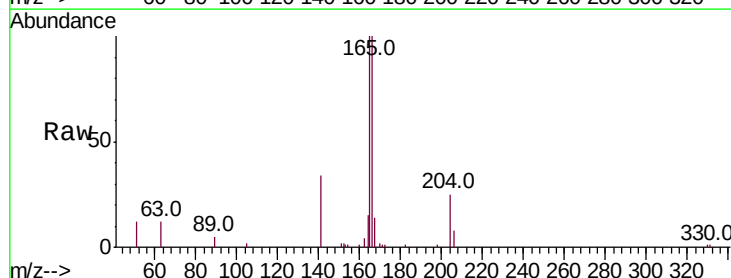
Tgt Ion:166 Resp: 5924

Ion Ratio Lower Upper

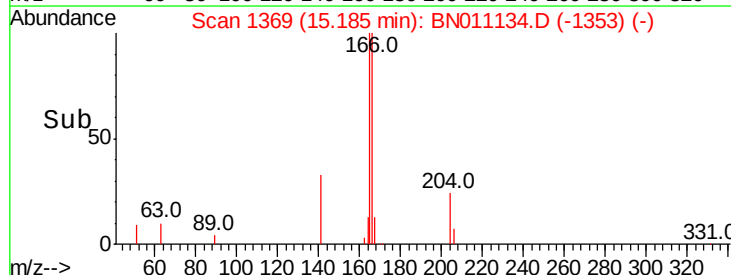
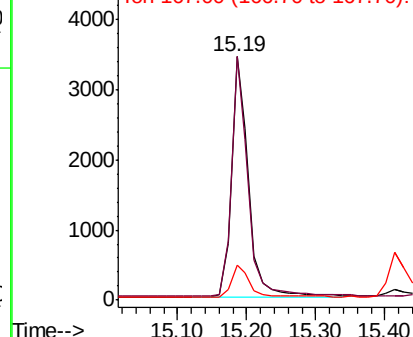
166 100

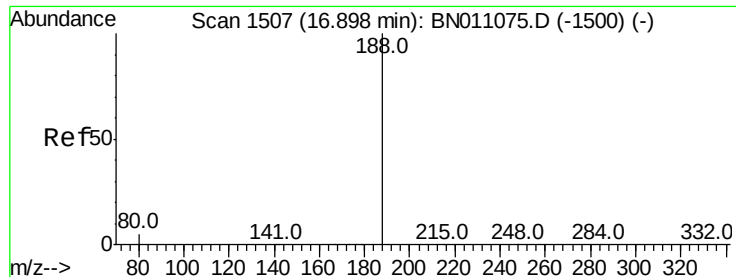
165 97.9 78.9 118.3

167 13.8 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

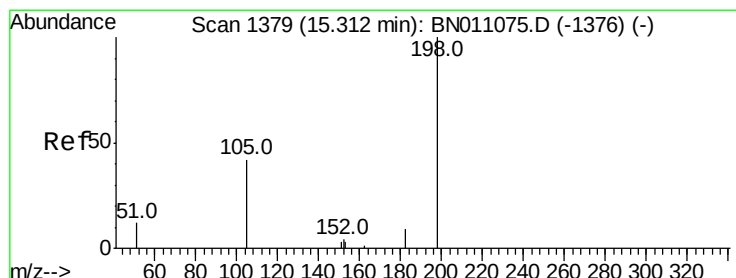
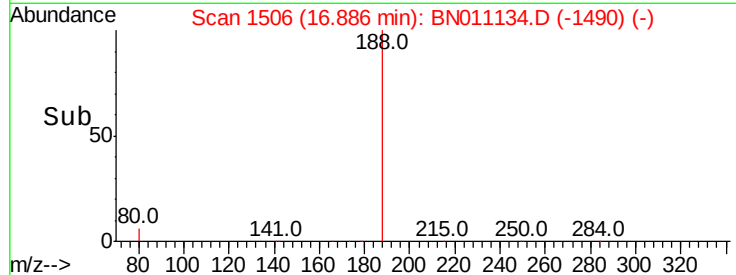
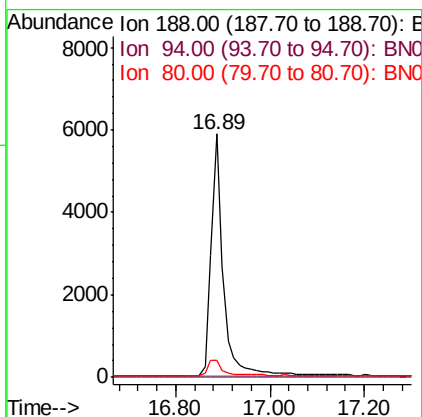
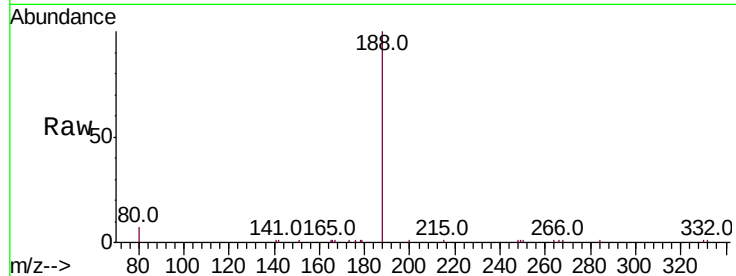




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

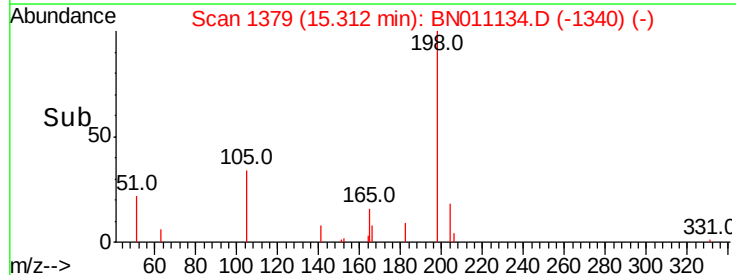
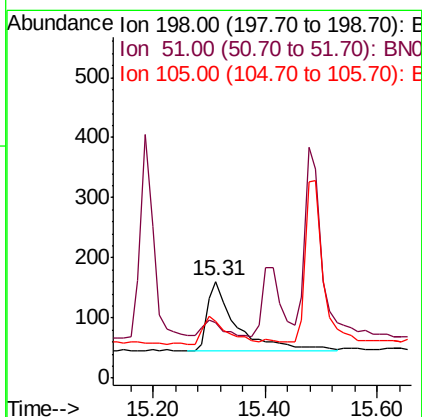
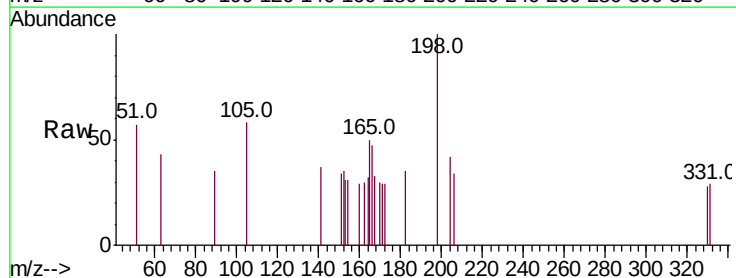
Instrument :
BNA_N
ClientSampleId :
PB130052BS

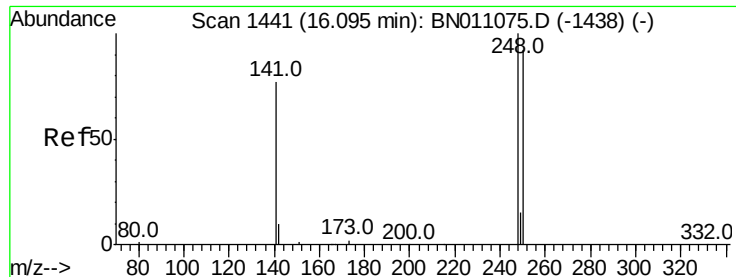
Tot Ion:188 Resp: 10290
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 5.3 7.9



#20
4,6-Dinitro-2-methylphenol
Concen: 0.401 ng
RT: 15.31 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:198 Resp: 404
Ion Ratio Lower Upper
198 100
51 57.1 58.2 87.4#
105 58.4 59.0 88.4#

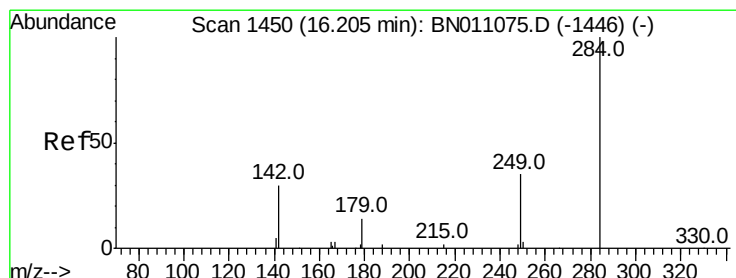
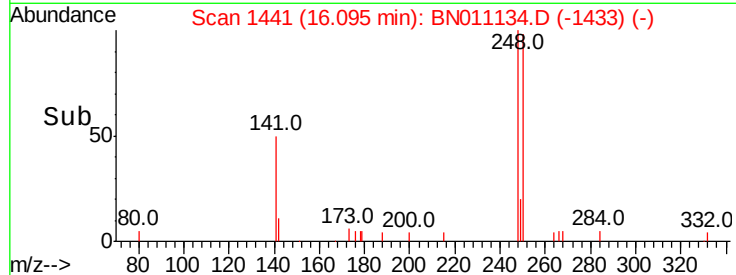
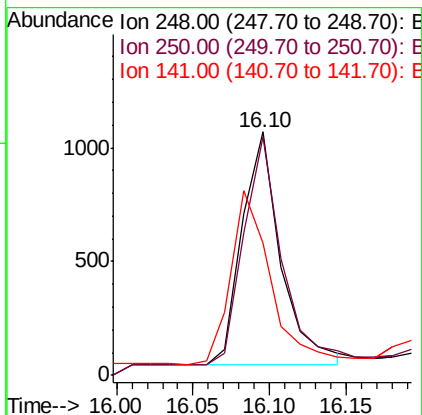
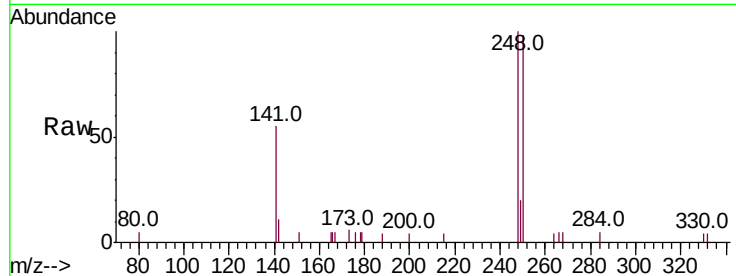




#21
4-Bromophenyl-phenylether
Concen: 0.263 ng
RT: 16.10 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

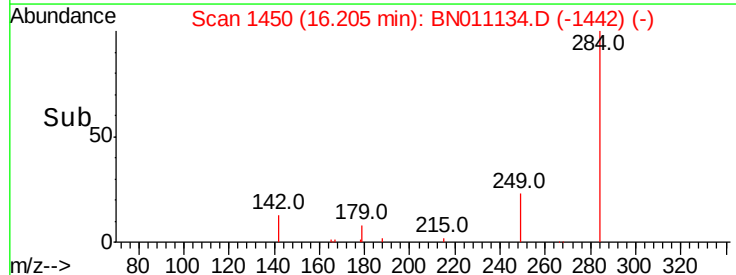
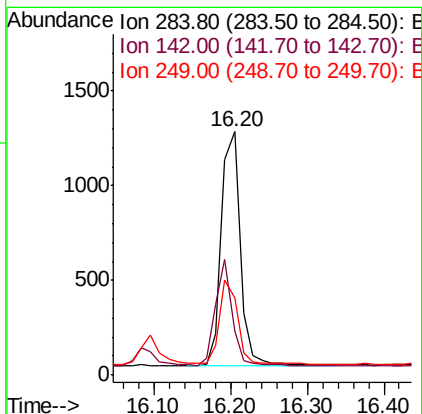
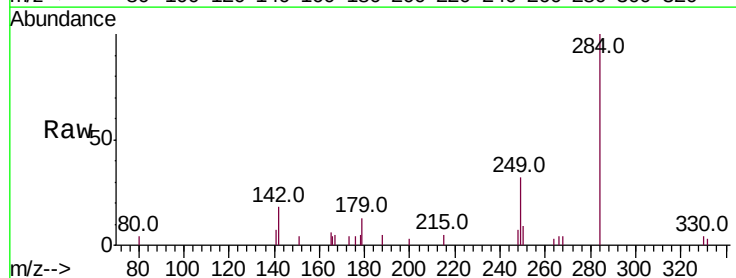
Instrument :
BNA_N
ClientSampleId :
PB130052BS

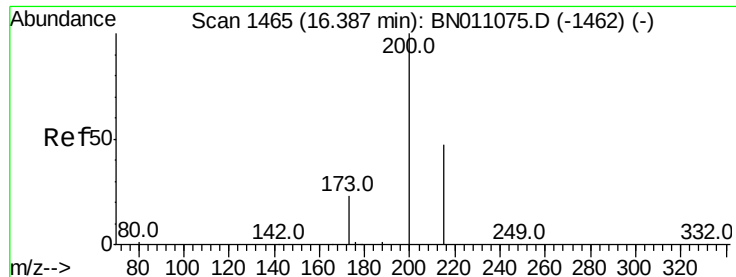
Tot Ion:248 Resp: 1800
Ion Ratio Lower Upper
248 100
250 97.9 73.8 110.8
141 54.6 63.1 94.7#



#22
Hexachlorobenzene
Concen: 0.262 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:284 Resp: 2111
Ion Ratio Lower Upper
284 100
142 40.0 33.3 49.9
249 34.7 27.4 41.2





#23

Atrazine

Concen: 0.111 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

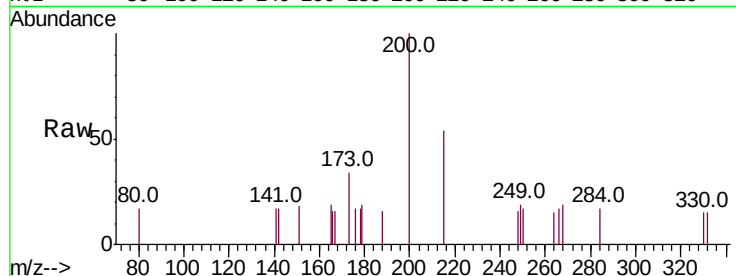
Tot Ion:200 Resp: 538

Ion Ratio Lower Upper

200 100

173 33.9 22.8 34.2

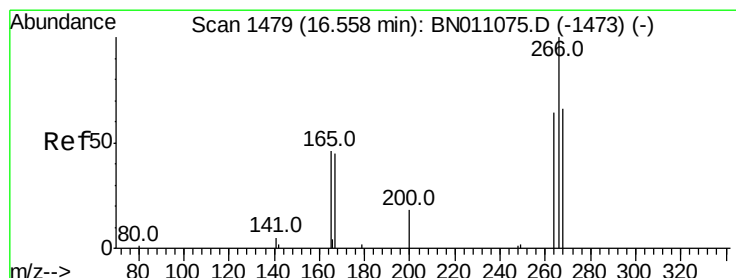
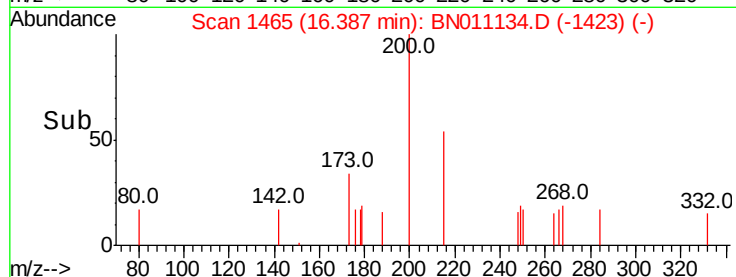
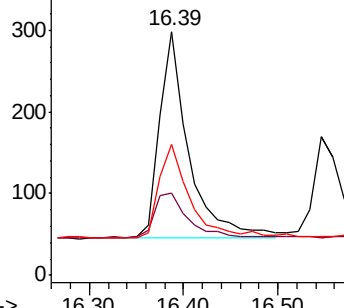
215 53.7 40.7 61.1



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: 0.674 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

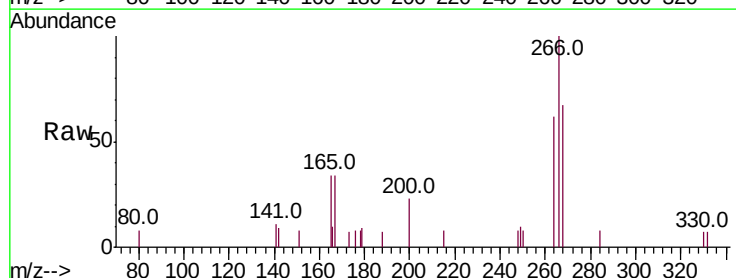
Tgt Ion:266 Resp: 1463

Ion Ratio Lower Upper

266 100

264 61.7 47.4 71.0

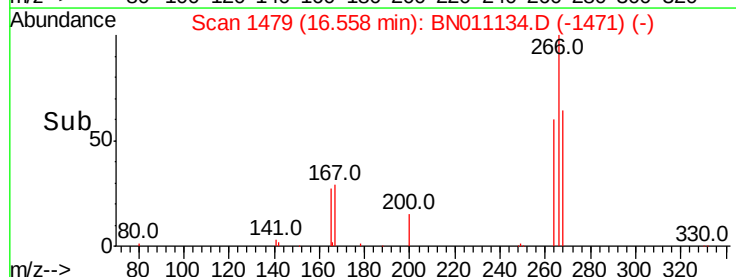
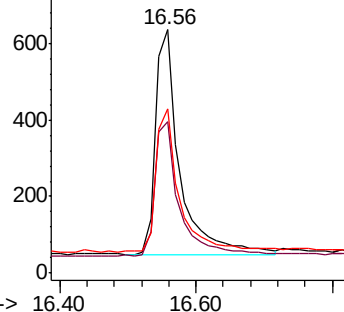
268 60.3 55.0 82.4

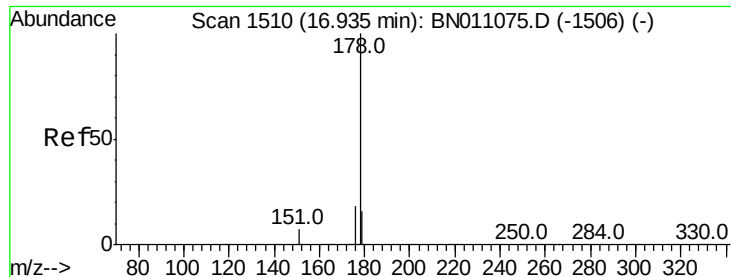


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.273 ng

RT: 16.92 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

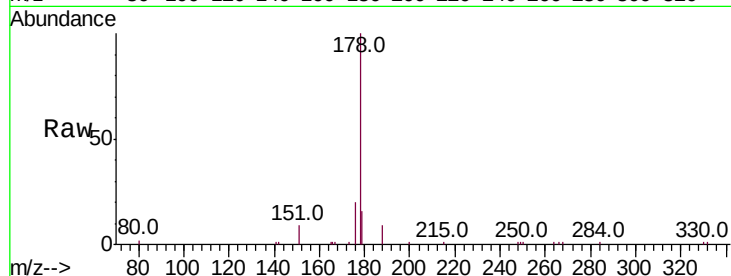
Tot Ion:178 Resp: 9084

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

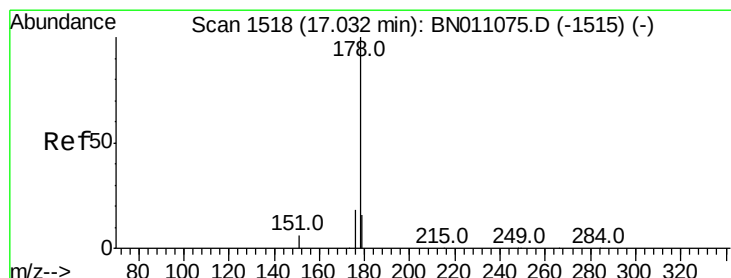
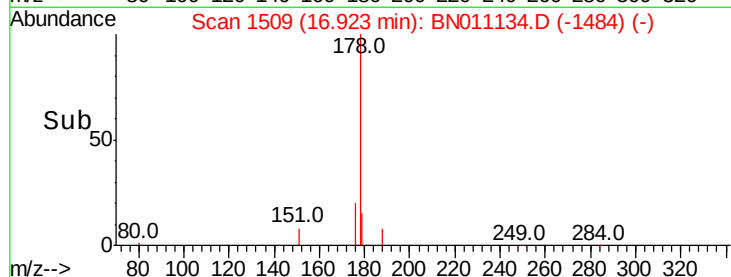
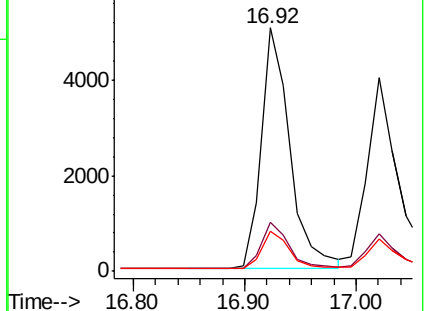
179 15.7 12.5 18.7



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



#26

Anthracene

Concen: 0.283 ng

RT: 17.02 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

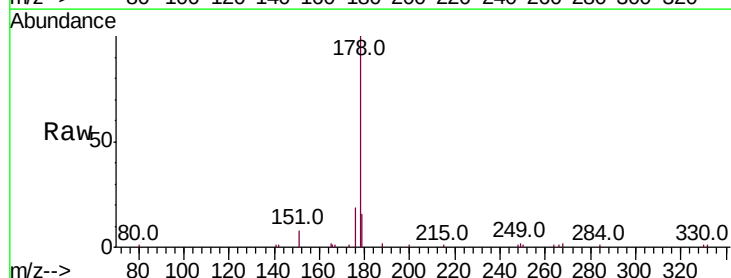
Tgt Ion:178 Resp: 7800

Ion Ratio Lower Upper

178 100

176 18.9 14.2 21.4

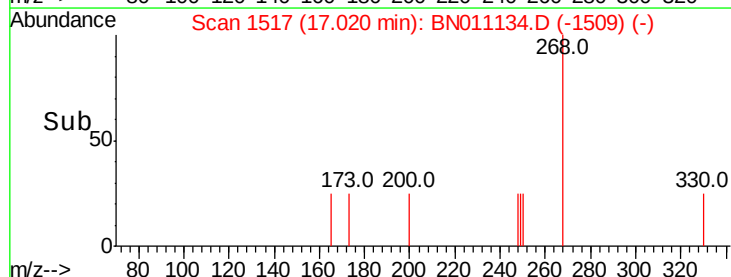
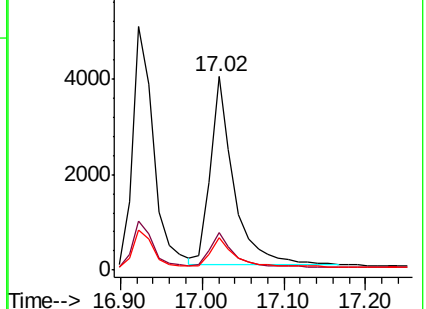
179 15.7 12.2 18.2

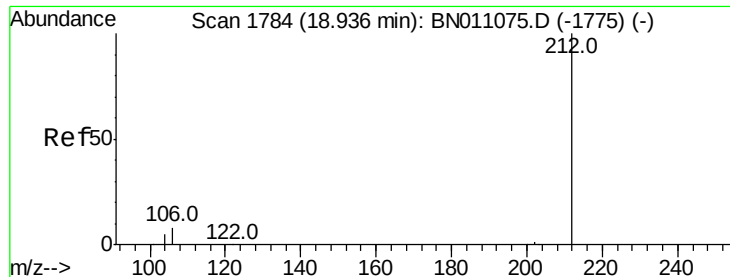


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

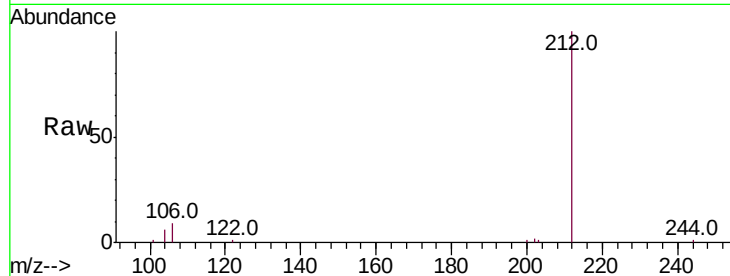




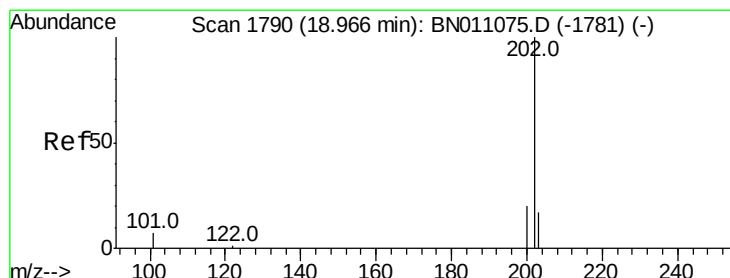
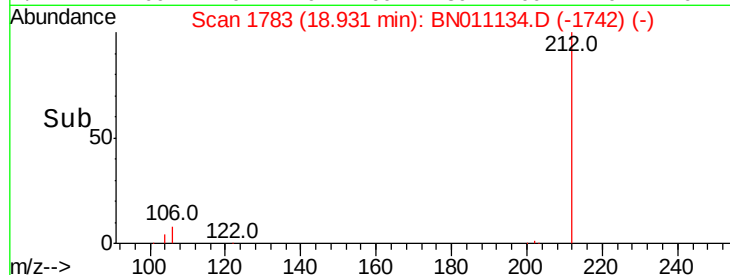
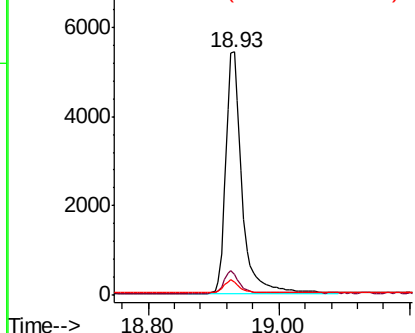
#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 18.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tot Ion:212 Resp: 9433
Ion Ratio Lower Upper
212 100
106 8.8 7.1 10.7
104 5.1 4.2 6.4

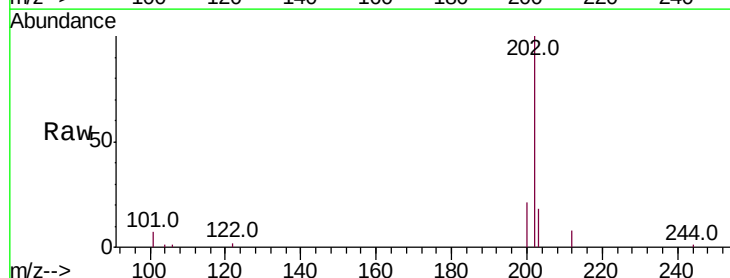


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

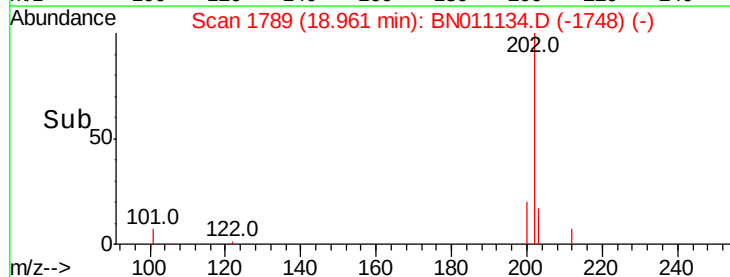
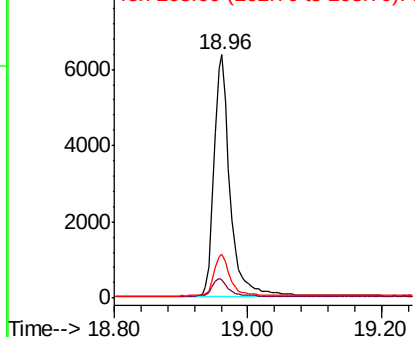


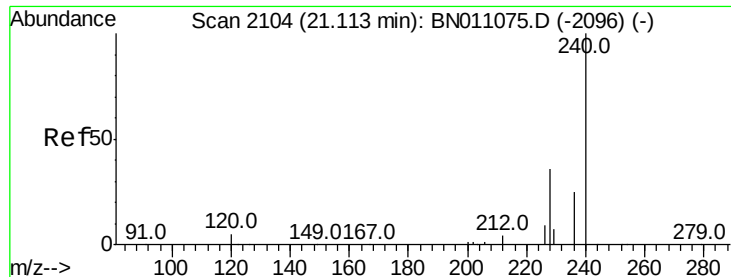
#28
Fluoranthene
Concen: 0.281 ng
RT: 18.96 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:202 Resp: 10526
Ion Ratio Lower Upper
202 100
101 7.4 6.3 9.5
203 17.3 13.5 20.3



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

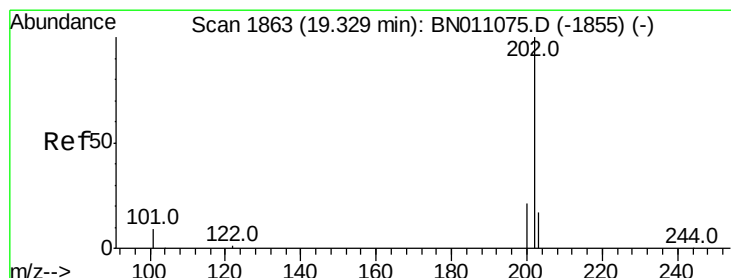
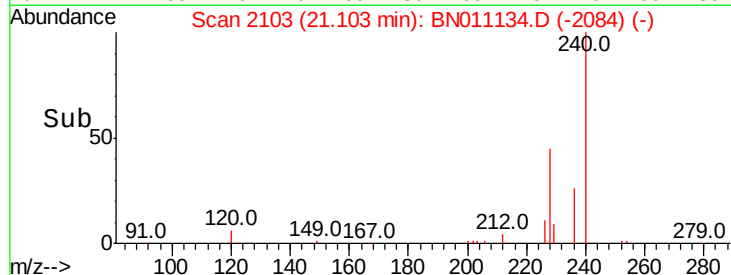
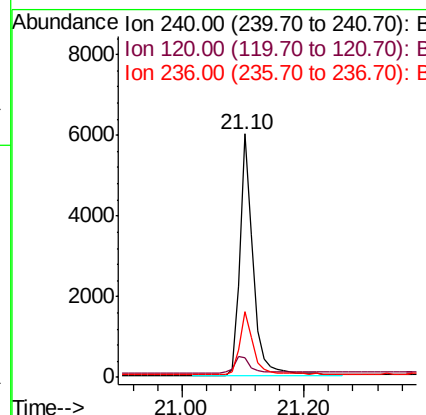
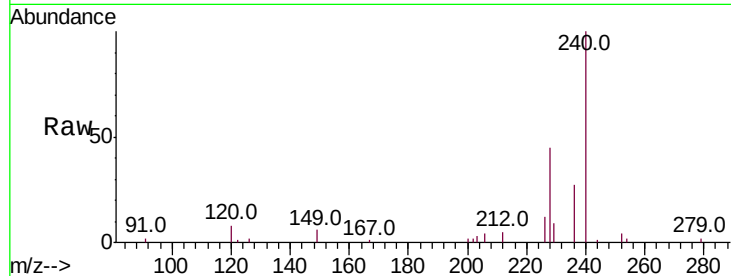




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

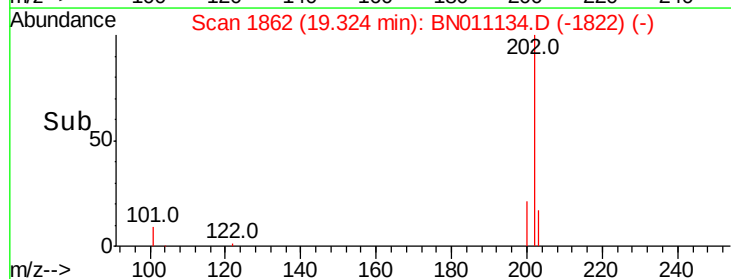
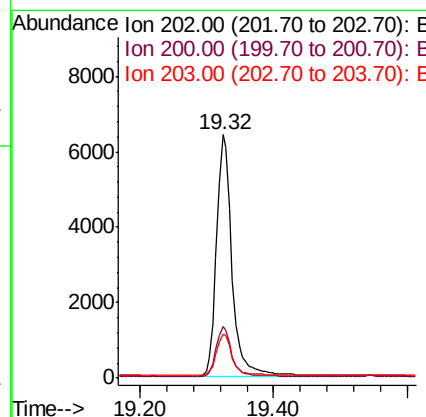
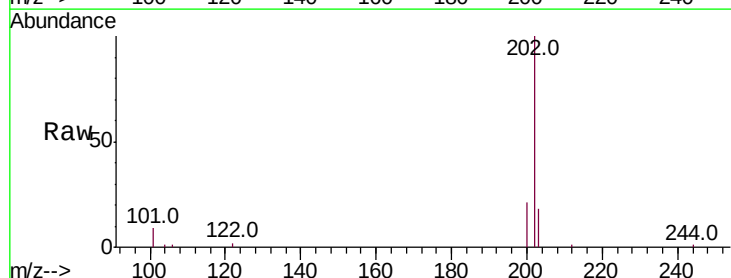
Instrument :
BNA_N
ClientSampleId :
PB130052BS

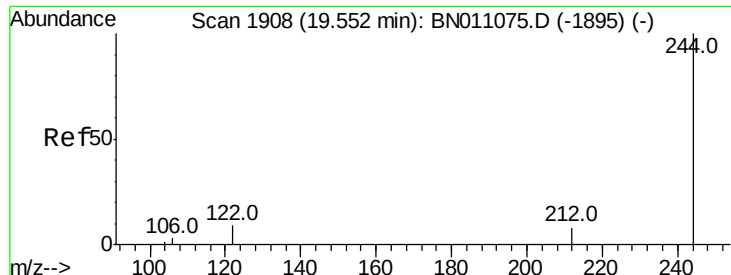
Tot Ion:240 Resp: 9105
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 26.9 21.9 32.9



#30
Pyrene
Concen: 0.303 ng
RT: 19.32 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:202 Resp: 10299
Ion Ratio Lower Upper
202 100
200 20.3 16.6 25.0
203 17.7 14.2 21.4





#31

Terphenyl-d14

Concen: 0.443 ng

RT: 19.55 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

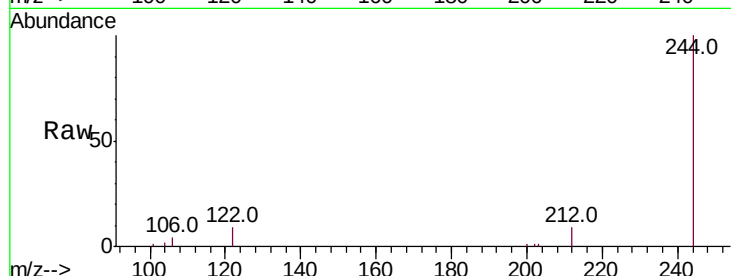
Tot Ion:244 Resp: 10495

Ion Ratio Lower Upper

244 100

212 8.8 7.5 11.3

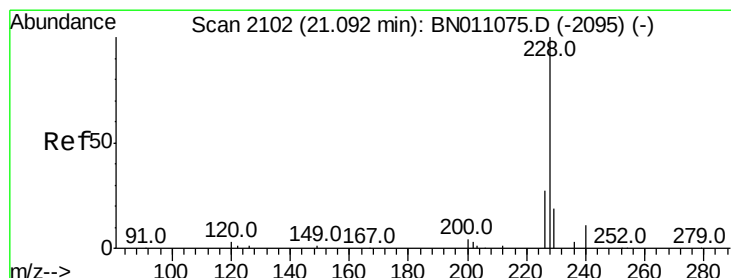
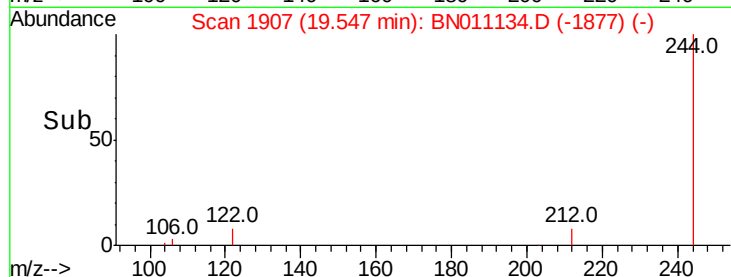
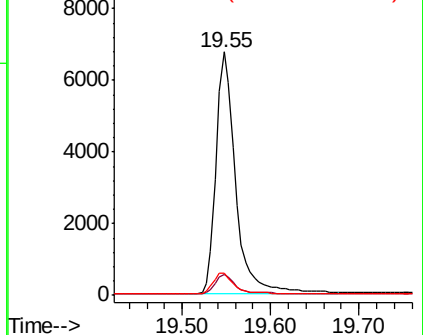
122 8.9 8.2 12.4



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: 0.291 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

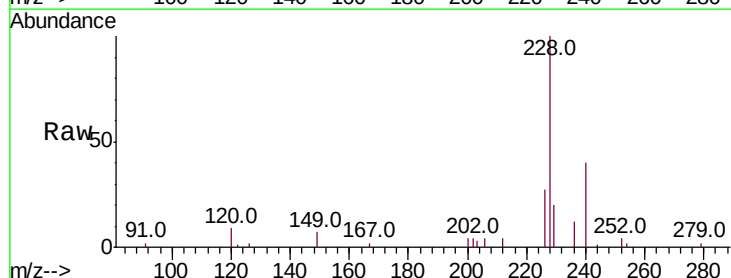
Tgt Ion:228 Resp: 8843

Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

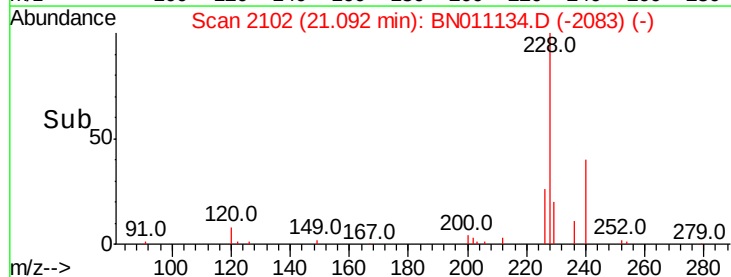
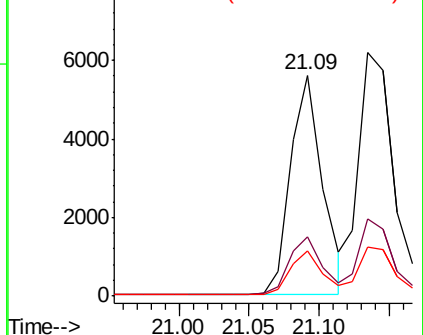
229 20.5 16.1 24.1

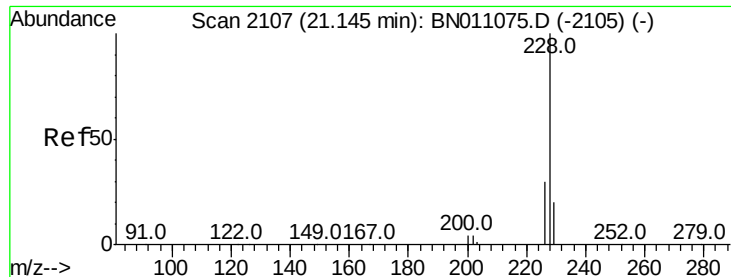


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.308 ng

RT: 21.13 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

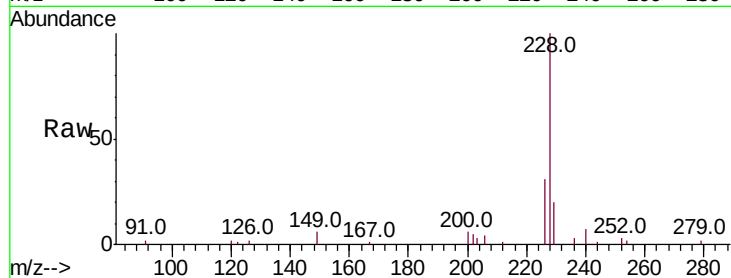
BNA_N

ClientSampleId :

PB130052BS

Tot Ion:228 Resp: 10764

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.0	36.0
229	19.9	16.4	24.6

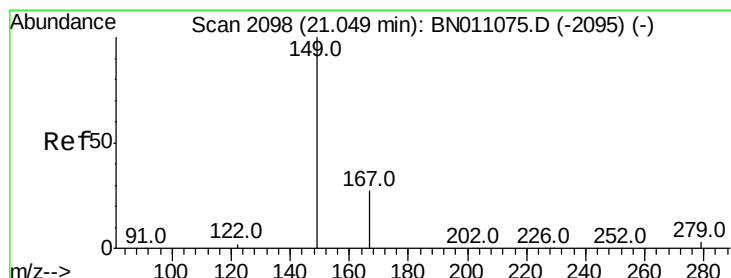
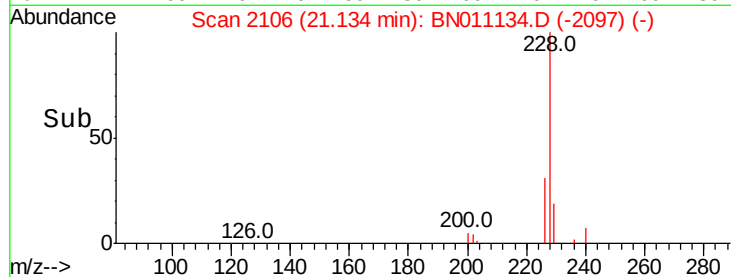
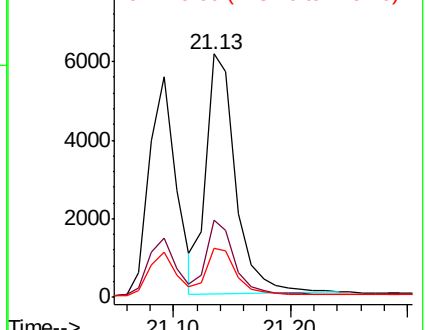


Abundance

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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.286 ng

RT: 21.05 min Scan# 2098

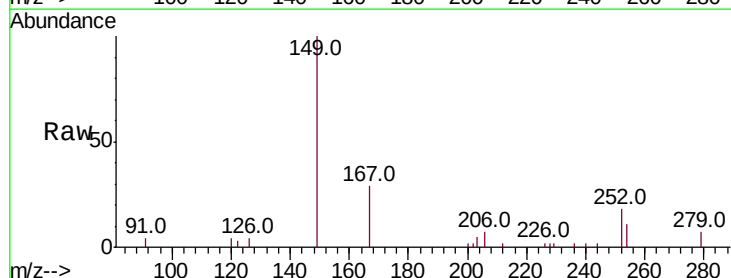
Delta R.T. 0.01 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Tgt Ion:149 Resp: 3520

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	5.2	4.5	6.7

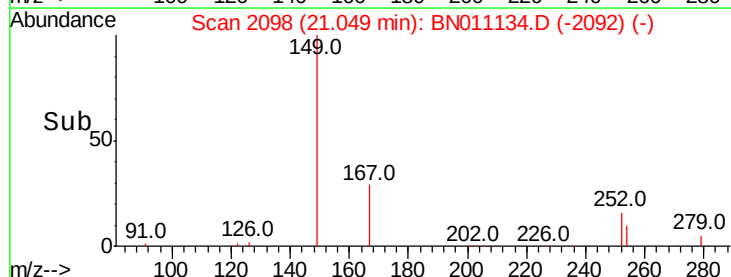
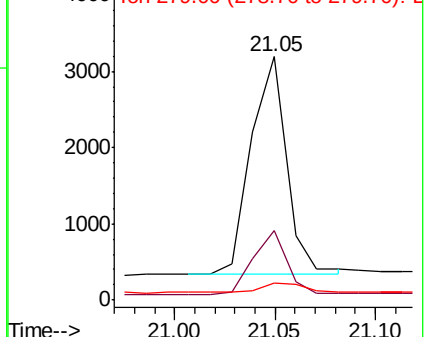


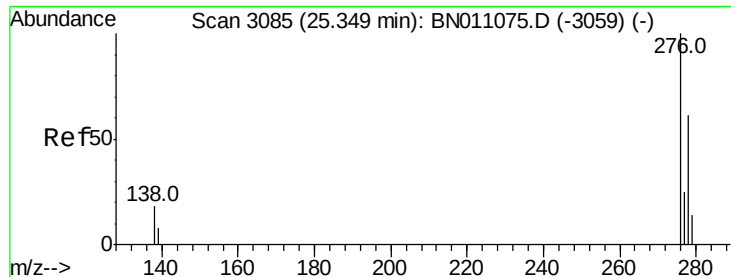
Abundance

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: 0.330 ng

RT: 25.34 min Scan# 3082

Delta R.T. 0.01 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

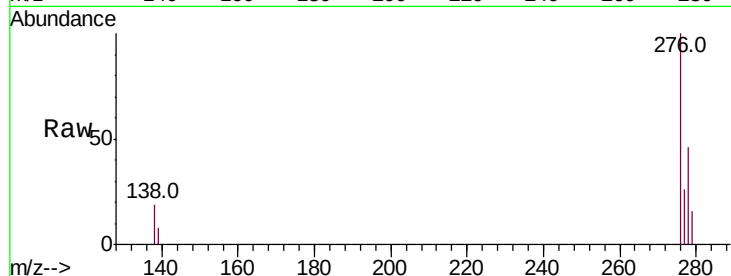
Tot Ion:276 Resp: 12049

Ion Ratio Lower Upper

276 100

138 18.0 15.4 23.0

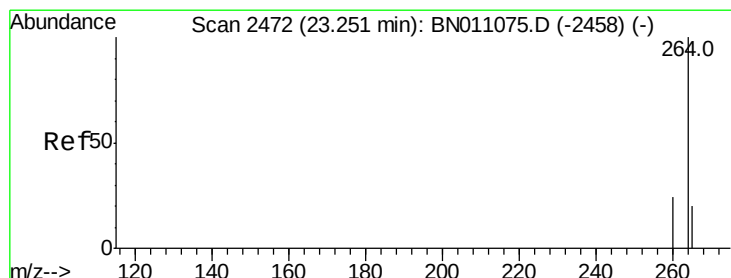
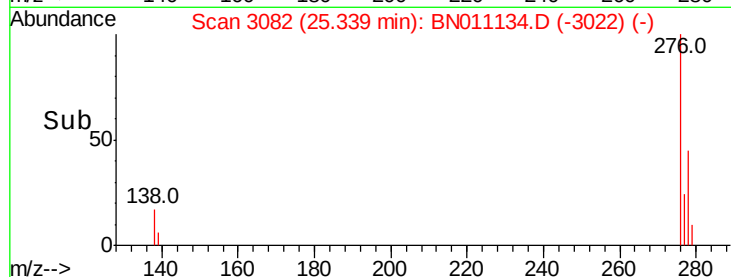
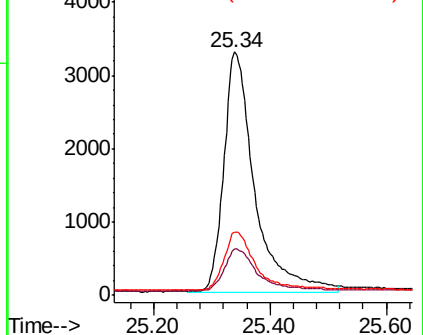
277 24.5 19.4 29.0



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.24 min Scan# 2470

Delta R.T. 0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

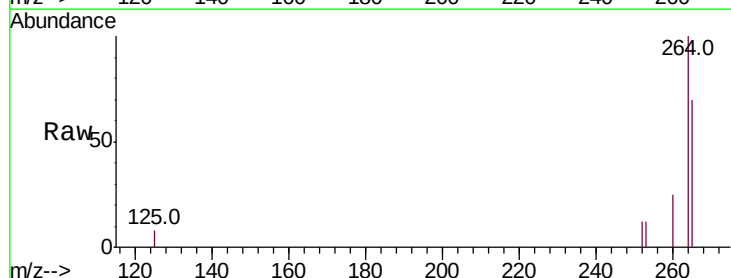
Tgt Ion:264 Resp: 8235

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

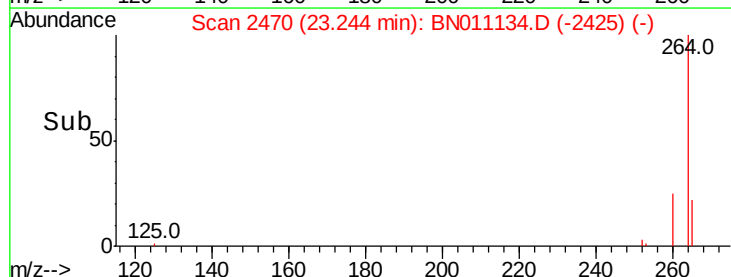
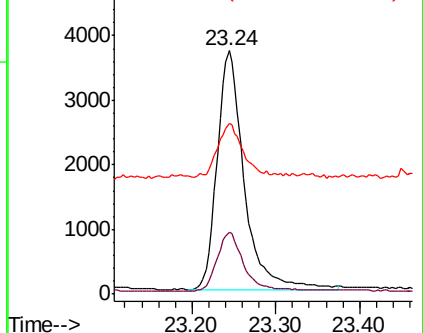
265 69.9 83.0 124.6#

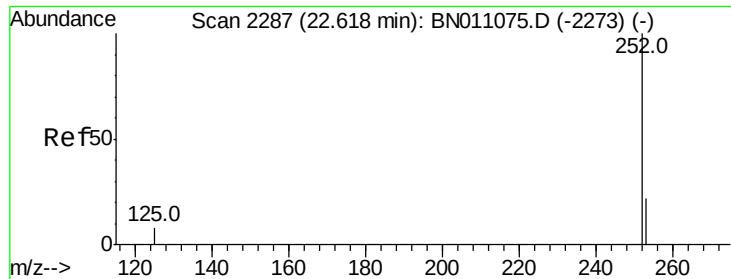


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

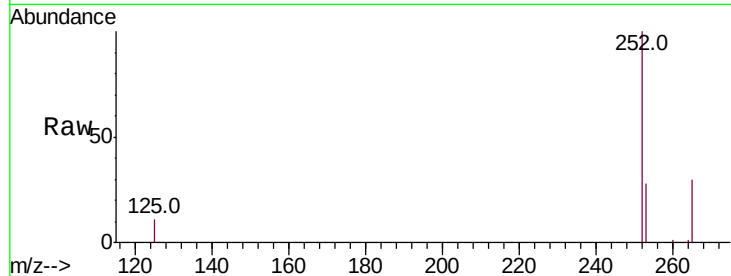




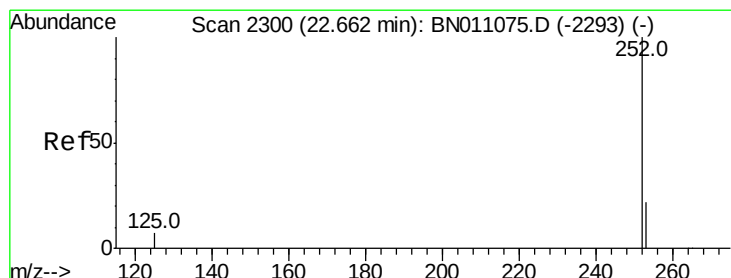
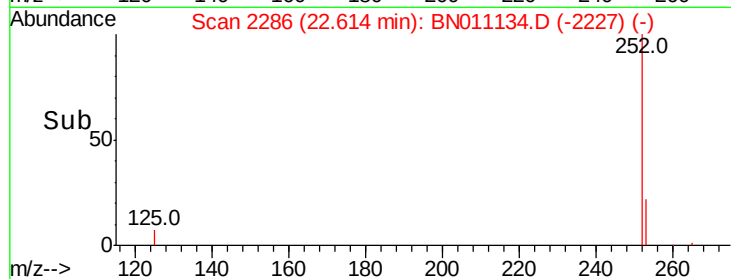
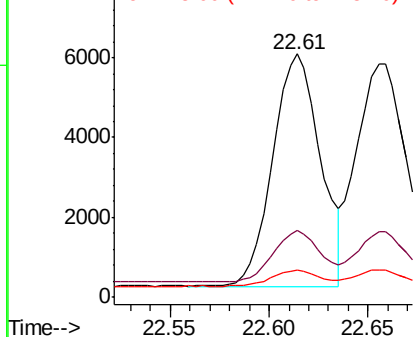
#37
Benzo(b)fluoranthene
Concen: 0.294 ng
RT: 22.61 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Instrument :
BNA_N
ClientSampleId :
PB130052BS

Tot Ion:252 Resp: 9697
Ion Ratio Lower Upper
252 100
253 27.6 22.7 34.1
125 11.2 10.4 15.6

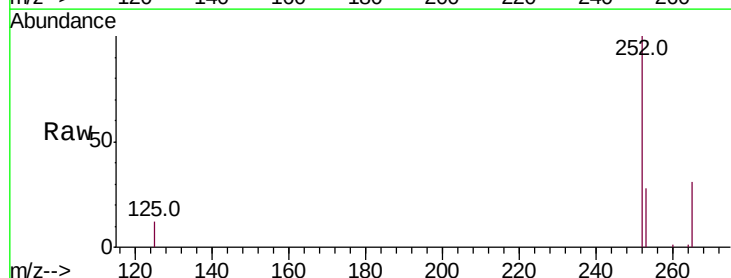


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

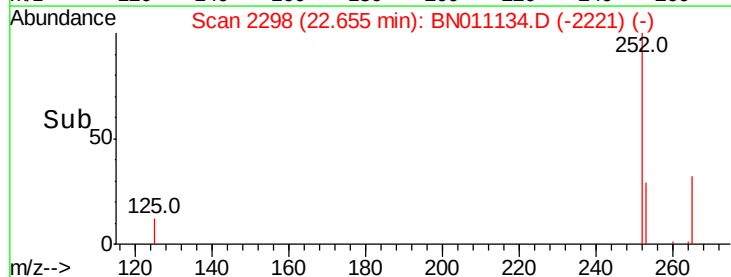
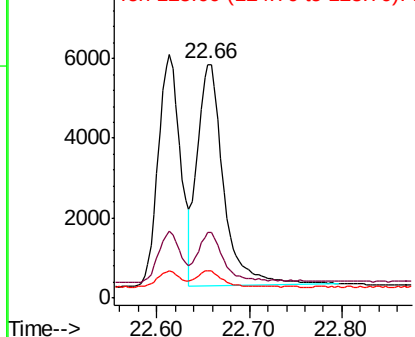


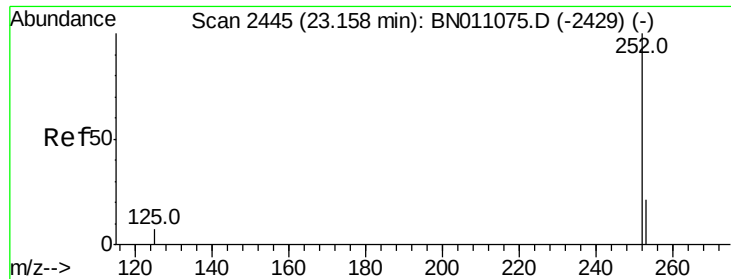
#38
Benzo(k)fluoranthene
Concen: 0.309 ng
RT: 22.66 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BN011134.D
Acq: 09 Jul 2020 16:14

Tgt Ion:252 Resp: 10908
Ion Ratio Lower Upper
252 100
253 28.0 22.9 34.3
125 11.8 10.6 15.8



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: 0.282 ng

RT: 23.15 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS

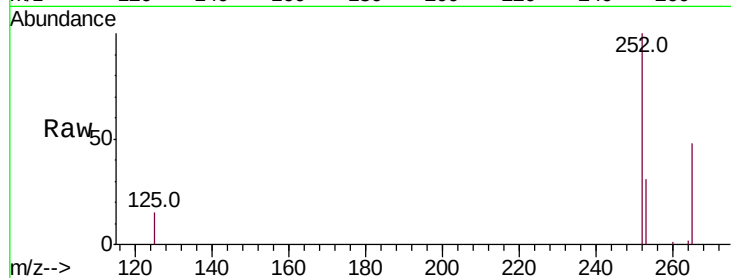
Tot Ion:252 Resp: 8030

Ion Ratio Lower Upper

252 100

253 31.2 25.9 38.9

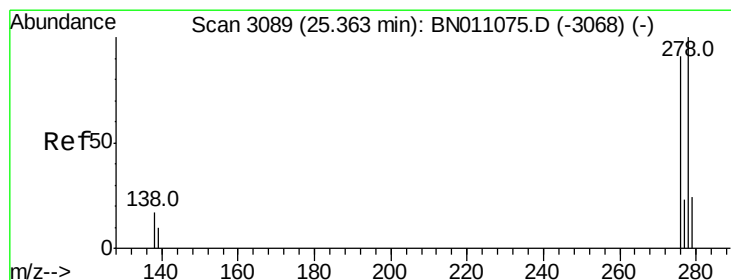
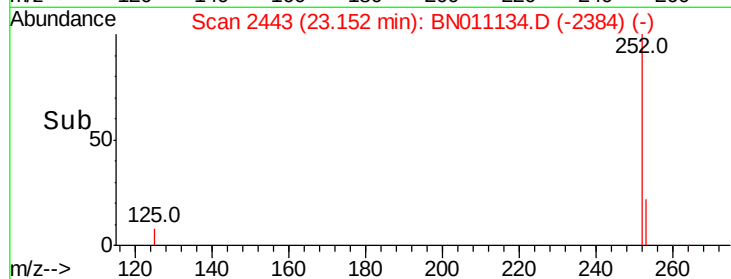
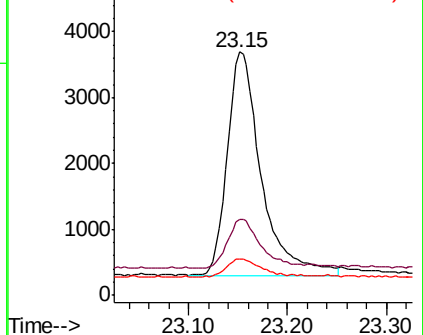
125 14.8 12.5 18.7



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: 0.335 ng

RT: 25.36 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BN011134.D

Acq: 09 Jul 2020 16:14

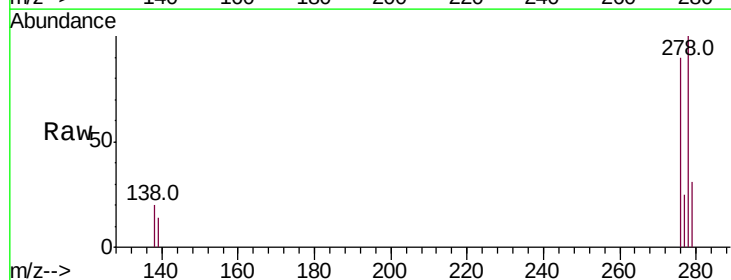
Tgt Ion:278 Resp: 9767

Ion Ratio Lower Upper

278 100

139 14.5 11.9 17.9

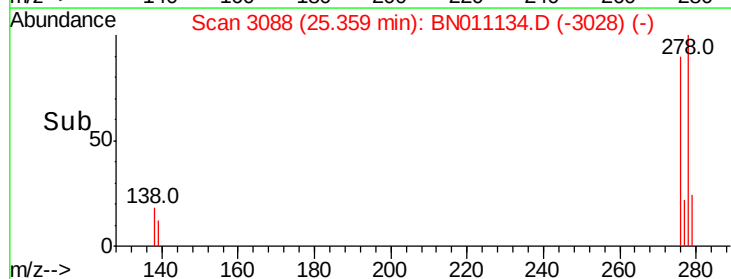
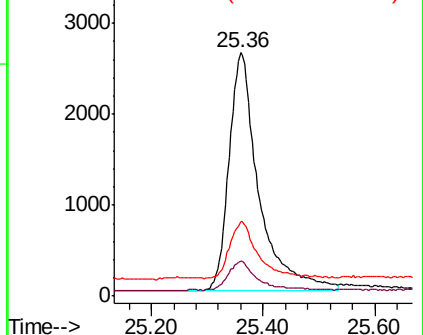
279 30.6 25.5 38.3

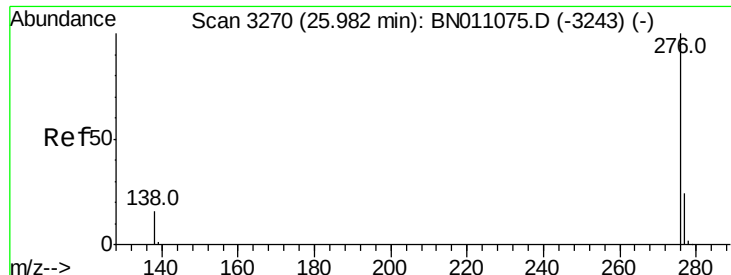


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.329 ng

RT: 25.97 min Scan# 3266

Delta R.T. 0.01 min

Lab File: BN011134.D

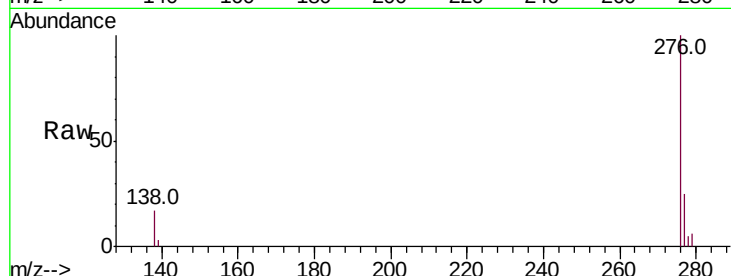
Acq: 09 Jul 2020 16:14

Instrument :

BNA_N

ClientSampleId :

PB130052BS



Tot Ion:276 Resp: 10553

Ion Ratio Lower Upper

276 100

277 25.5 21.1 31.7

138 17.4 15.0 22.6

