

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
 Data File : BN011691.D
 Acq On : 03 Sep 2020 10:46
 Operator : CG/JU
 Sample : PB131363BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131363BS

Quant Time: Sep 03 12:36:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 12:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1958	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7235	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4277	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9164	0.40	ng	0.00
29) Chrysene-d12	21.32	240	8631	0.40	ng	0.00
36) Perylene-d12	23.58	264	9122	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1930	0.35	ng	0.00
5) Phenol-d6	6.90	99	2541	0.34	ng	0.00
8) Nitrobenzene-d5	8.88	82	2606	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	4660	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	706	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	6761	0.37	ng	0.00
27) Fluoranthene-d10	19.16	212	9959	0.34	ng	0.00
31) Terphenyl-d14	19.77	244	8766	0.41	ng	0.00

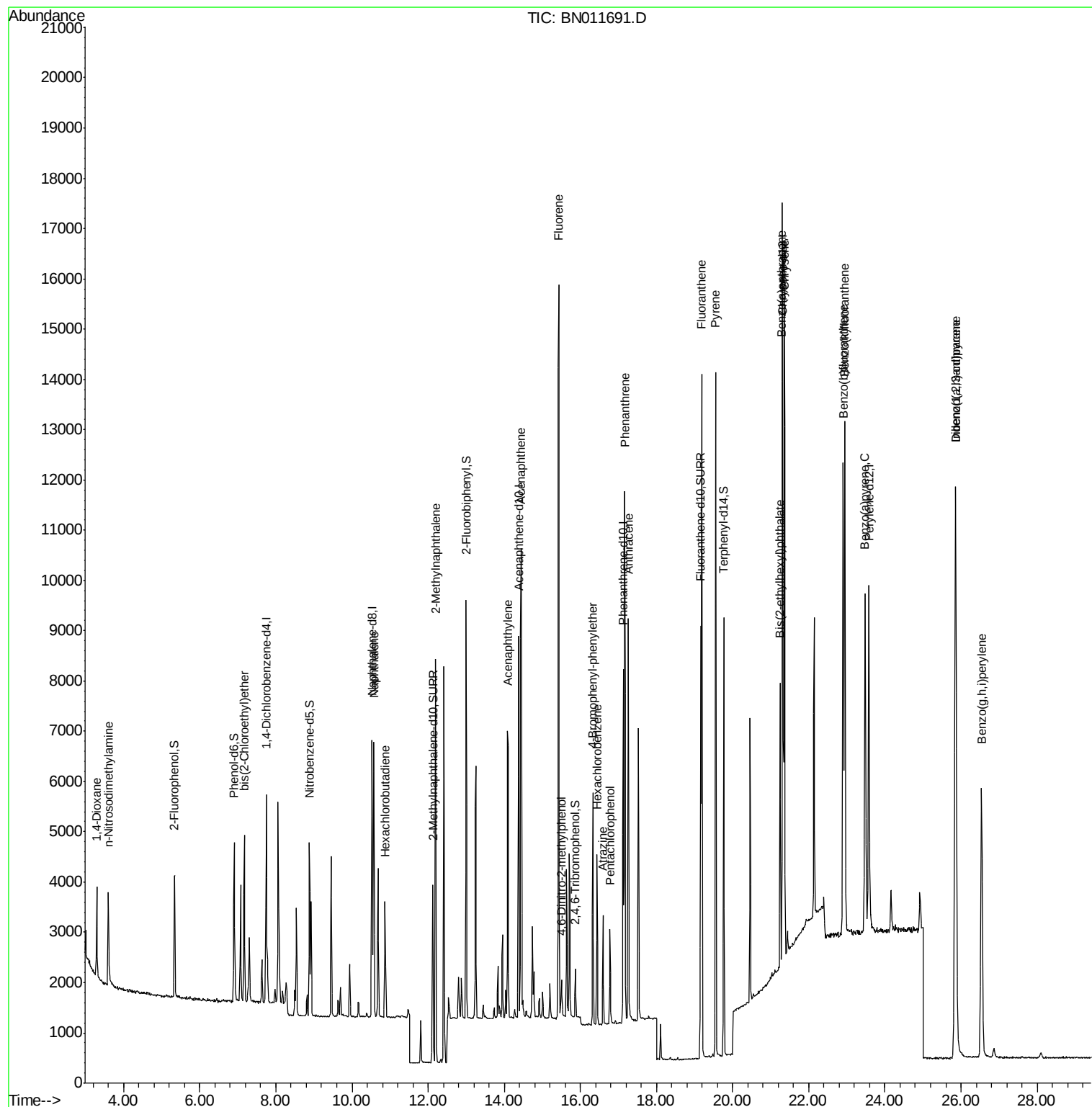
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1114	0.354	ng	97
3) n-Nitrosodimethylamine	3.60	42	1552	0.427	ng	# 88
6) bis(2-Chloroethyl)ether	7.17	93	2212	0.362	ng	99
9) Naphthalene	10.58	128	7577	0.366	ng	99
10) Hexachlorobutadiene	10.87	225	1773	0.390	ng	# 99
12) 2-Methylnaphthalene	12.19	142	5245	0.356	ng	97
16) Acenaphthylene	14.09	152	7252	0.348	ng	100
17) Acenaphthene	14.45	154	5280	0.367	ng	97
18) Fluorene	15.44	166	6589	0.358	ng	99
20) 4,6-Dinitro-2-methylphenol	15.50	198	580	0.410	ng	# 78
21) 4-Bromophenyl-phenylether	16.32	248	2005	0.373	ng	# 83
22) Hexachlorobenzene	16.43	284	2512	0.379	ng	99
23) Atrazine	16.59	200	1578	0.335	ng	96
24) Pentachlorophenol	16.77	266	887	0.337	ng	98
25) Phenanthrene	17.16	178	10789	0.364	ng	100
26) Anthracene	17.26	178	9093	0.346	ng	99
28) Fluoranthene	19.19	202	12044	0.343	ng	99
30) Pyrene	19.55	202	12073	0.402	ng	100
32) Benzo(a)anthracene	21.30	228	10953	0.356	ng	98
33) Chrysene	21.35	228	12102	0.381	ng	97
34) Bis(2-ethylhexyl)phthalate	21.25	149	4853	0.387	ng	100
35) Indeno(1,2,3-cd)pyrene	25.85	276	14895	0.359	ng	99
37) Benzo(b)fluoranthene	22.90	252	12510	0.358	ng	97
38) Benzo(k)fluoranthene	22.95	252	13047	0.365	ng	98
39) Benzo(a)pyrene	23.48	252	10857	0.347	ng	95
40) Dibenzo(a,h)anthracene	25.86	278	12225	0.346	ng	97
41) Benzo(g,h,i)perylene	26.54	276	11762	0.340	ng	98

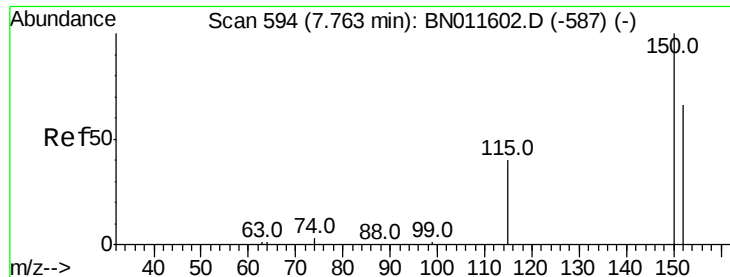
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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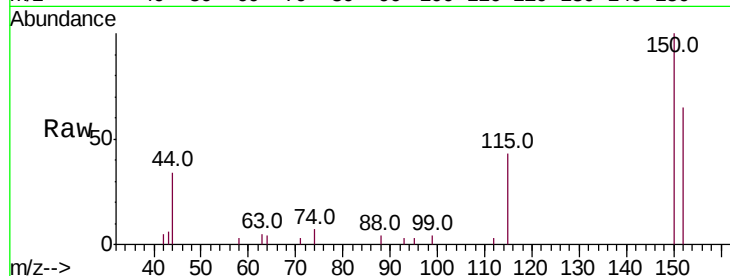


#1

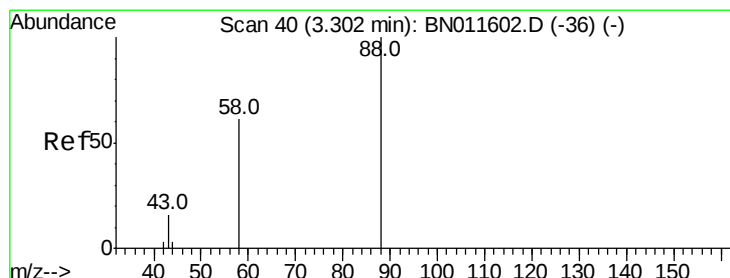
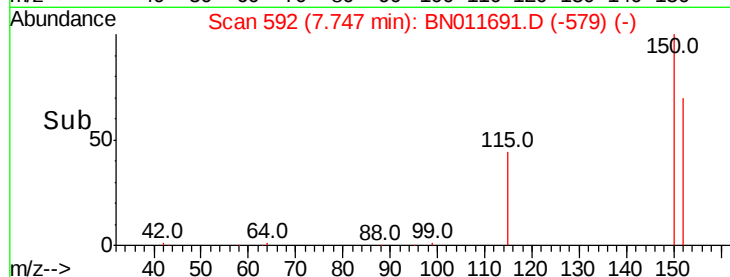
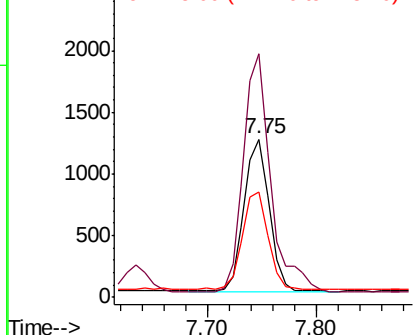
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.01 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Instrument :
BNA_N
ClientSampleId :
PB131363BS

Tot Ion:152 Resp: 1958
Ion Ratio Lower Upper
152 100
150 153.8 121.0 181.6
115 66.3 52.6 78.8



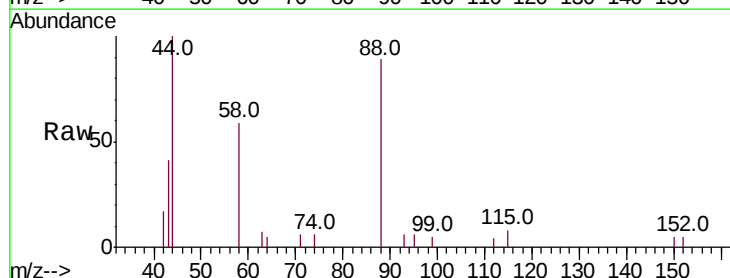
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



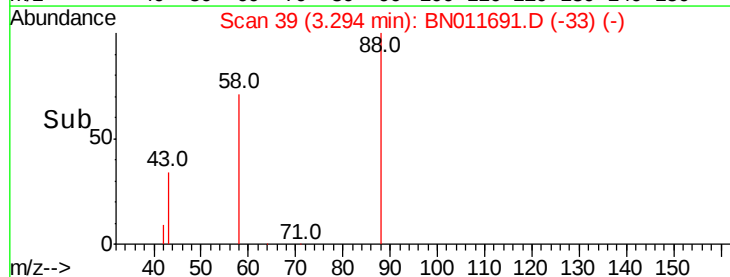
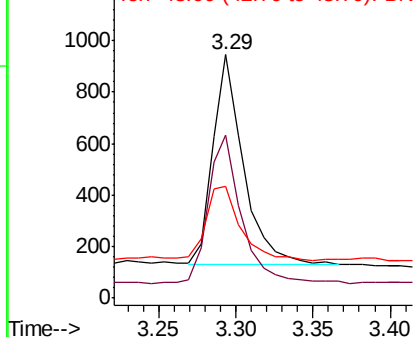
#2

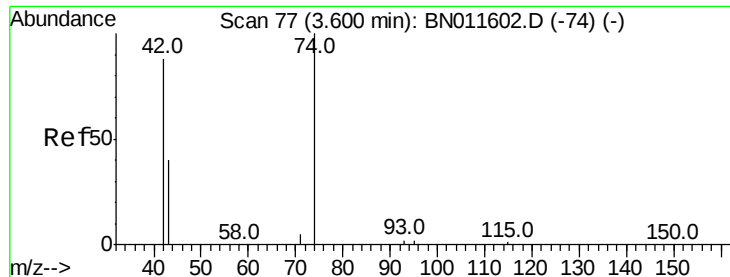
1,4-Dioxane
Concen: 0.354 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion: 88 Resp: 1114
Ion Ratio Lower Upper
88 100
58 75.9 61.4 92.0
43 40.9 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: 0.427 ng

RT: 3.60 min Scan# 77

Delta R.T. 0.01 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

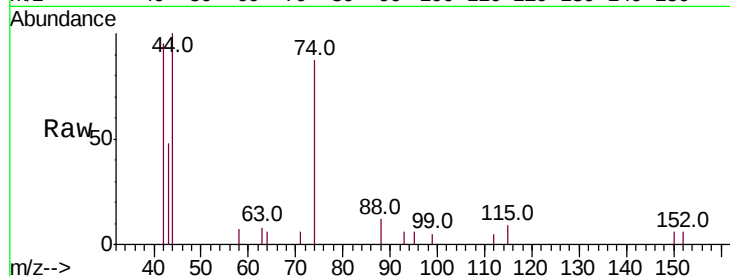
Tot Ion: 42 Resp: 1552

Ion Ratio Lower Upper

42 100

74 85.9 79.0 118.6

44 7.6 8.1 12.1#



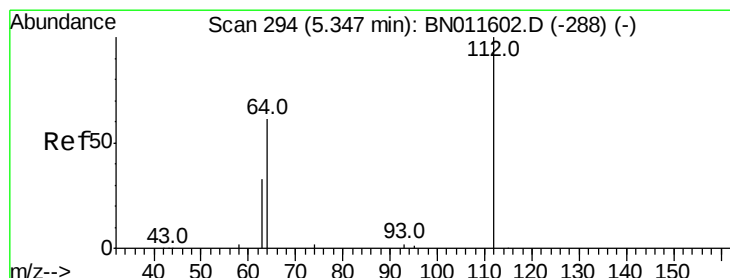
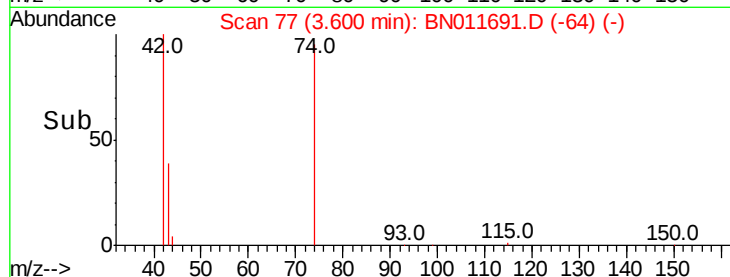
Abundance Ion 42.00 (41.70 to 42.70): BN011602.D (-74) (-)

Ion 74.00 (73.70 to 74.70): BN011602.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BN011602.D (-74) (-)

3.60

Time-->



#4

2-Fluorophenol

Concen: 0.349 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

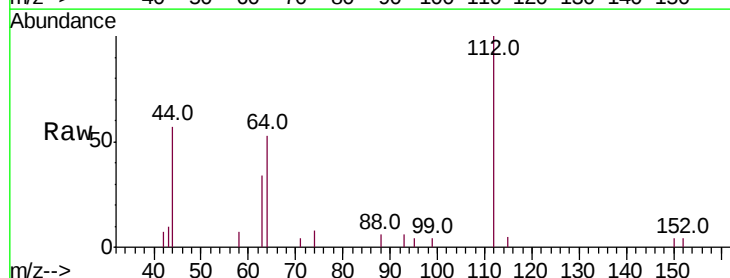
Tgt Ion: 112 Resp: 1930

Ion Ratio Lower Upper

112 100

64 60.7 49.7 74.5

63 37.2 29.4 44.0



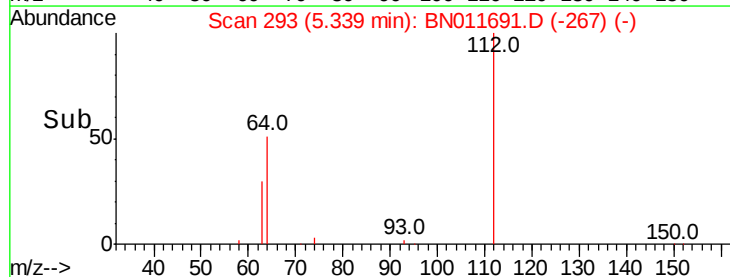
Abundance Ion 112.00 (111.70 to 112.70): BN011602.D (-288) (-)

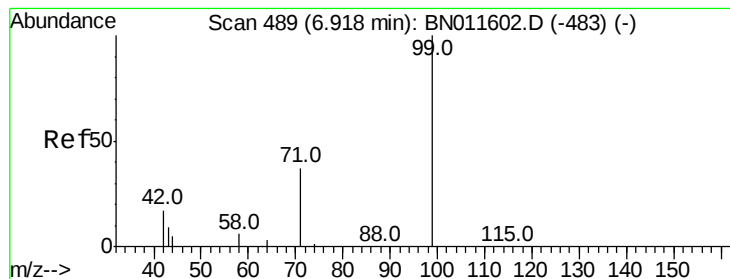
Ion 64.00 (63.70 to 64.70): BN011602.D (-288) (-)

Ion 63.00 (62.70 to 63.70): BN011602.D (-288) (-)

5.34

Time-->





#5

Phenol-d6

Concen: 0.338 ng

RT: 6.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

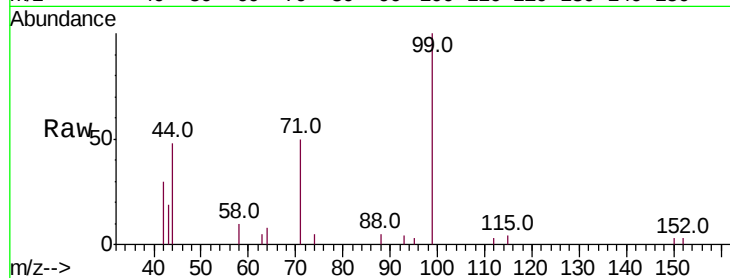
Tot Ion: 99 Resp: 2541

Ion Ratio Lower Upper

99 100

42 27.3 20.2 30.2

71 45.1 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)

6.90

1500

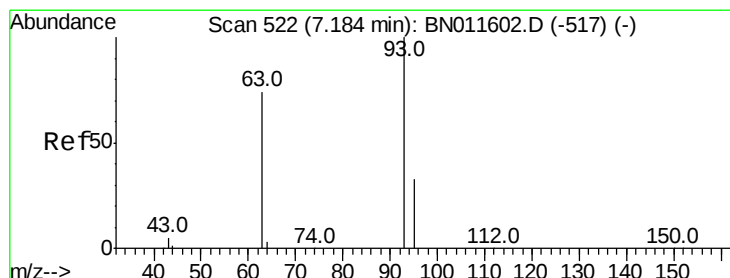
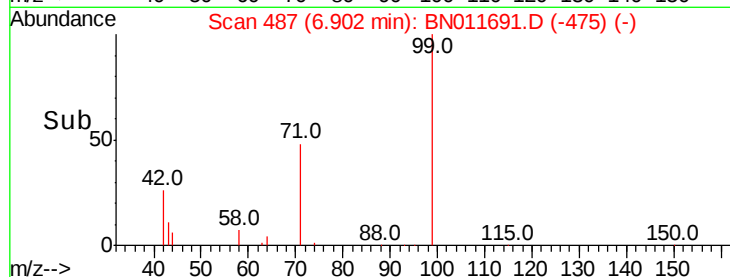
1000

500

0

6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.362 ng

RT: 7.17 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

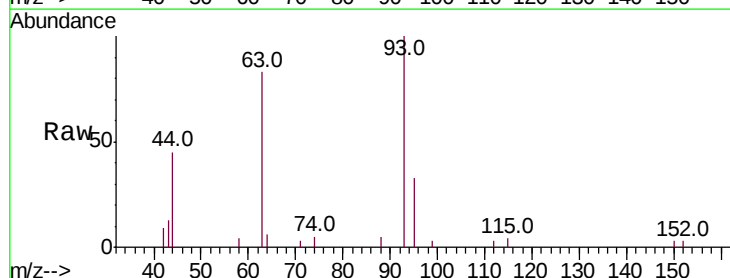
Tgt Ion: 93 Resp: 2212

Ion Ratio Lower Upper

93 100

63 78.3 62.2 93.4

95 32.7 26.6 39.8



Abundance Ion 93.00 (92.70 to 93.70): BN011602.D (-517) (-)

Ion 63.00 (62.70 to 63.70): BN011602.D (-517) (-)

Ion 95.00 (94.70 to 95.70): BN011602.D (-517) (-)

7.17

1500

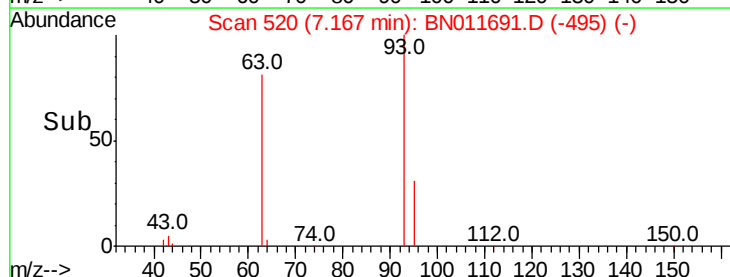
1000

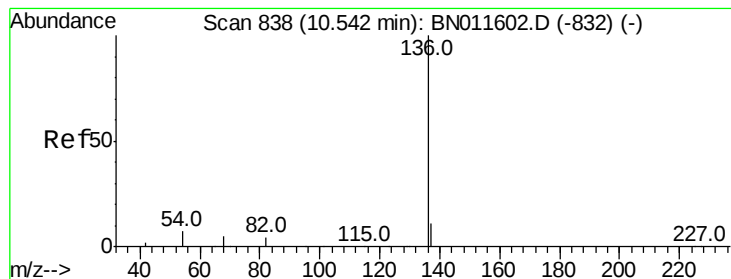
500

0

7.10 7.15 7.20 7.25

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

Tot Ion:136 Resp: 7235

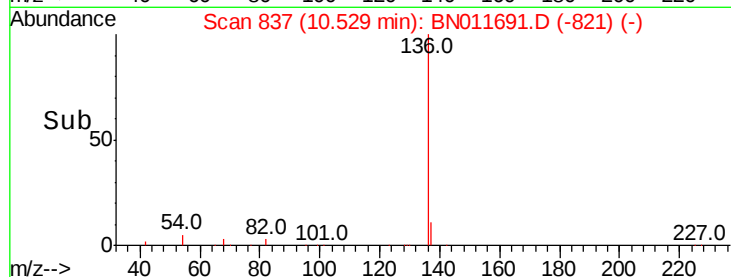
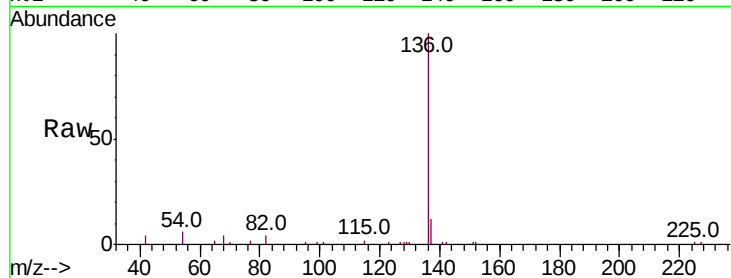
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 6.1 5.8 8.8

68 4.1 4.1 6.1

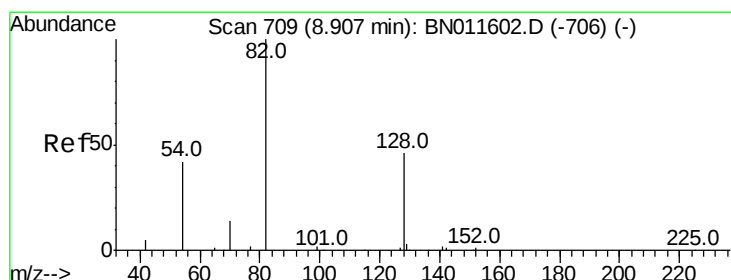
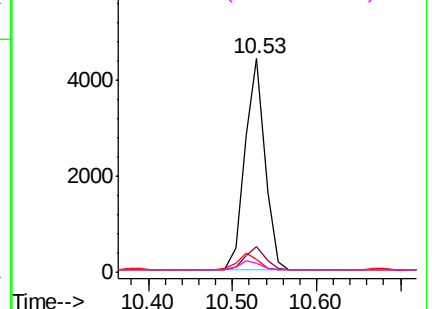


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

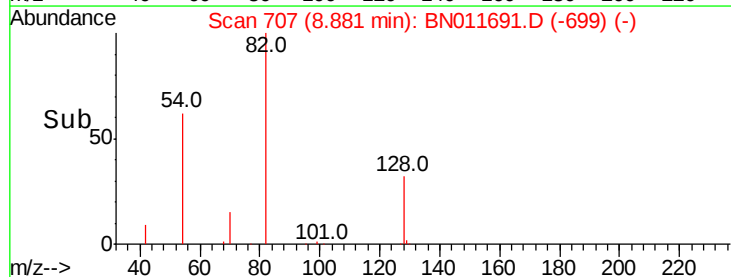
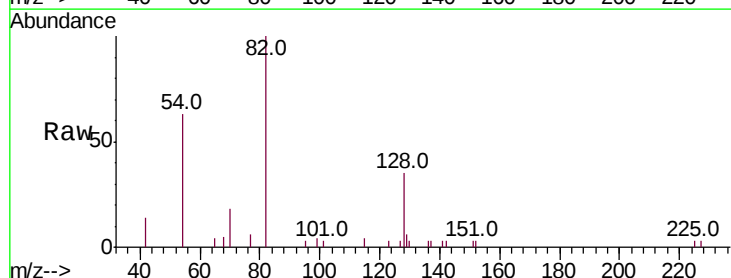
Tgt Ion: 82 Resp: 2606

Ion Ratio Lower Upper

82 100

128 34.9 26.2 39.2

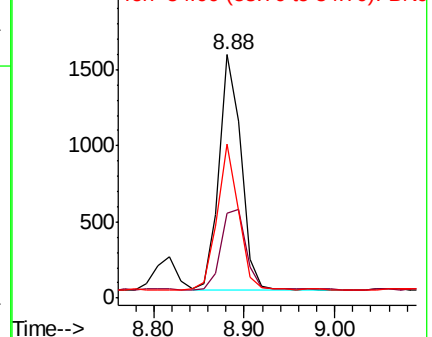
54 63.3 48.2 72.4

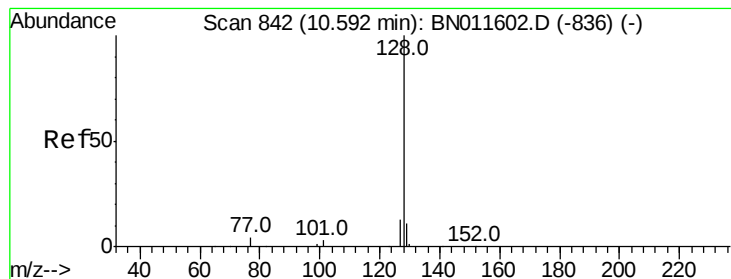


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.366 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN011691.D

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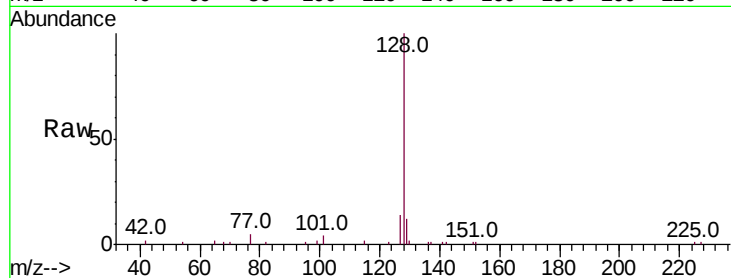
Tot Ion:128 Resp: 7577

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

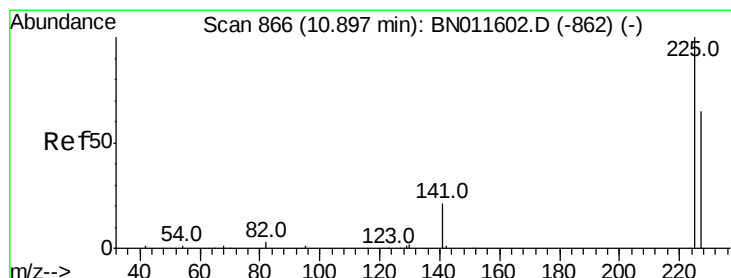
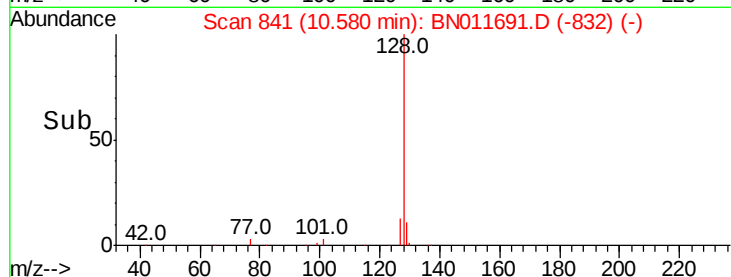
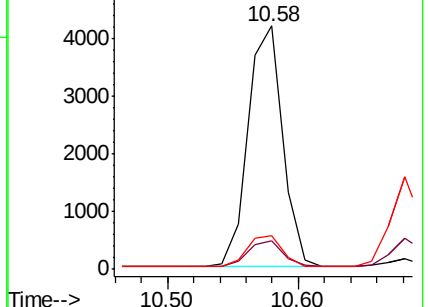
127 13.8 10.8 16.2



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: 0.390 ng

RT: 10.87 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

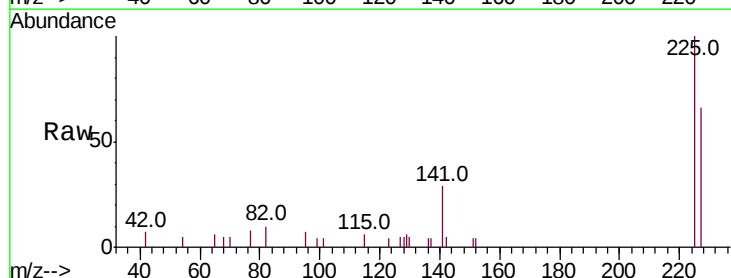
Tgt Ion:225 Resp: 1773

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

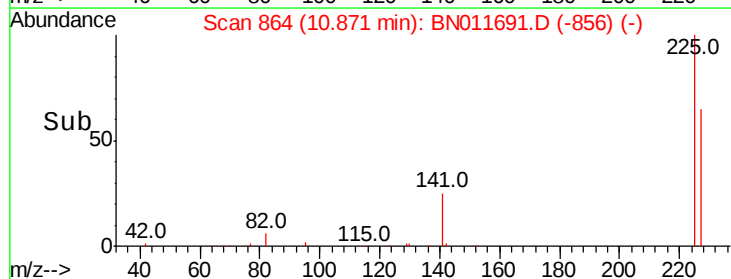
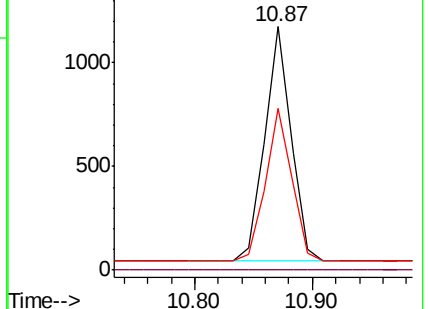
227 64.7 52.6 78.8

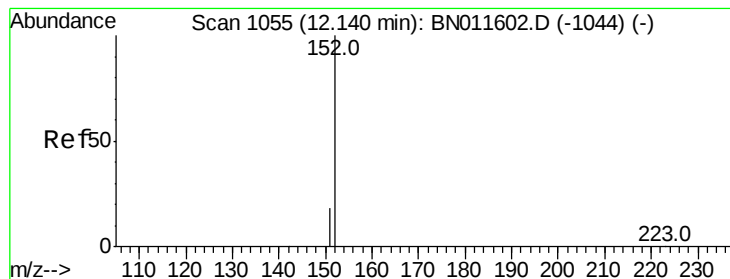


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 12.12 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

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ClientSampleId :

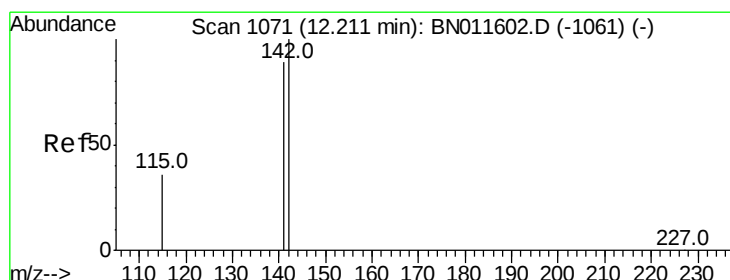
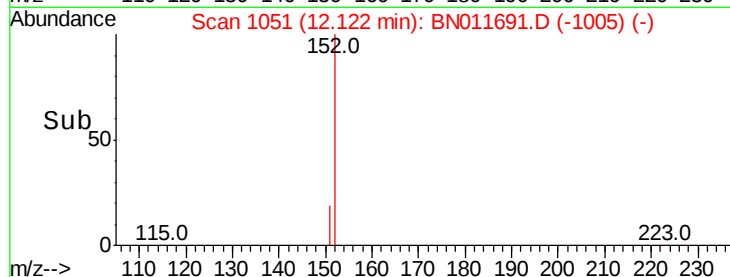
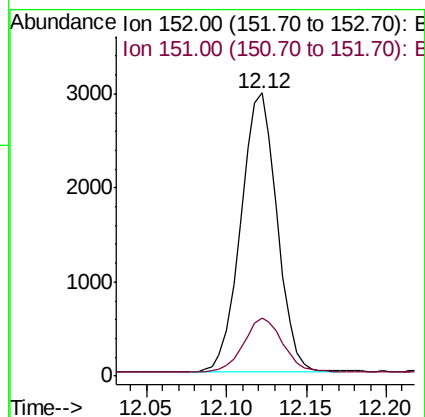
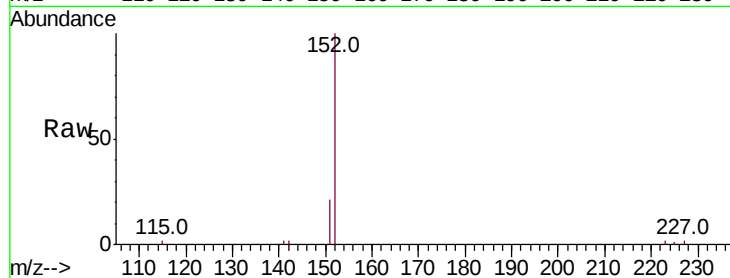
PB131363BS

Tot Ion:152 Resp: 4660

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1



#12

2-Methylnaphthalene

Concen: 0.356 ng

RT: 12.19 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

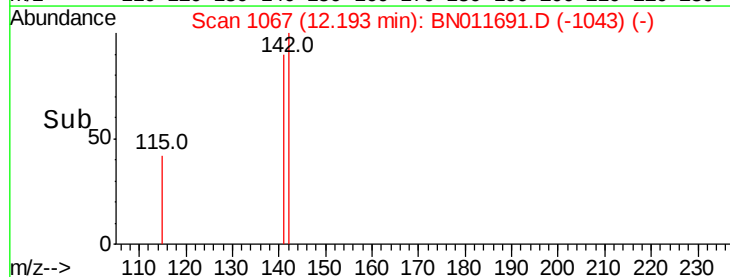
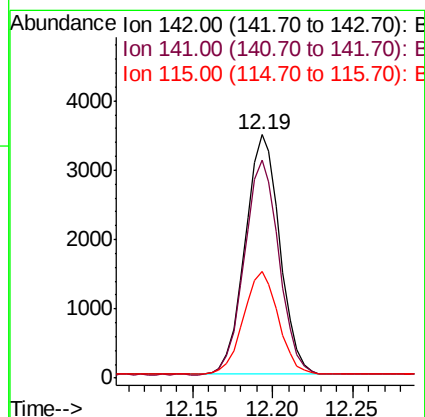
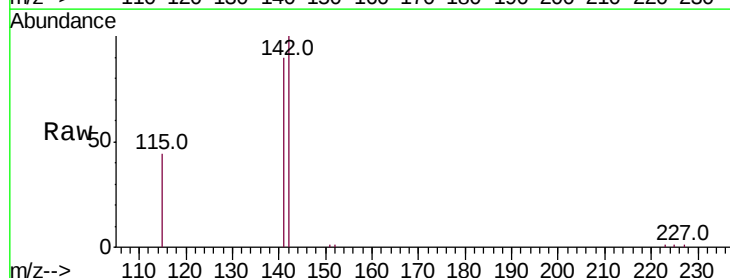
Tgt Ion:142 Resp: 5245

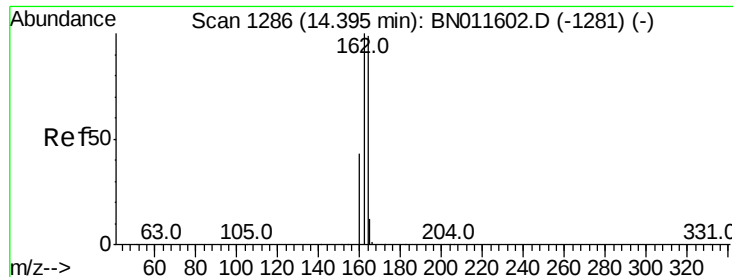
Ion Ratio Lower Upper

142 100

141 89.8 70.6 106.0

115 43.7 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

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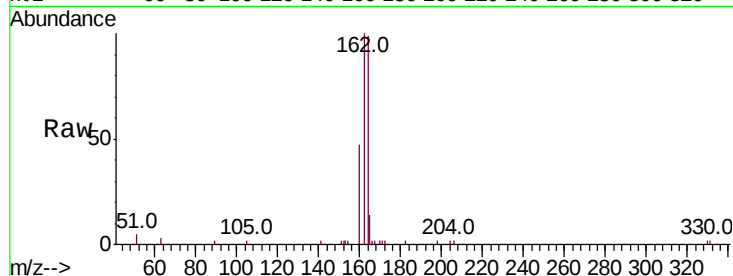
Tot Ion:164 Resp: 4277

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

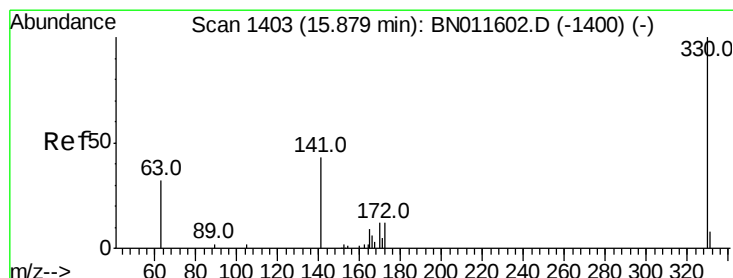
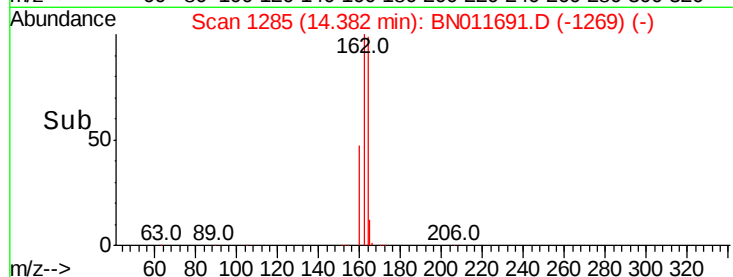
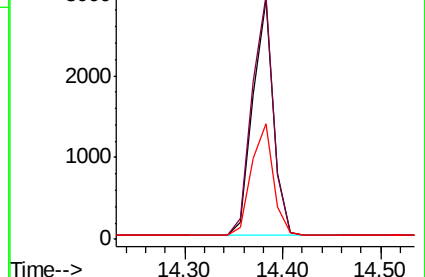
160 48.0 38.5 57.7



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: 0.340 ng

RT: 15.87 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

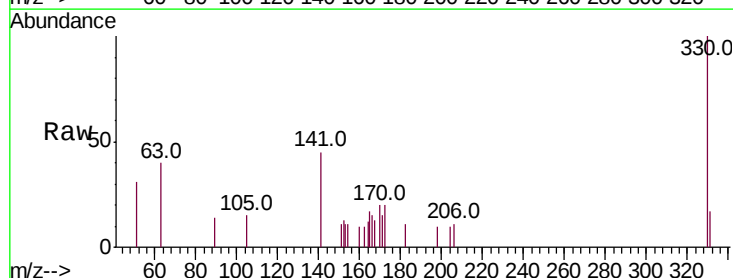
Tgt Ion:330 Resp: 706

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

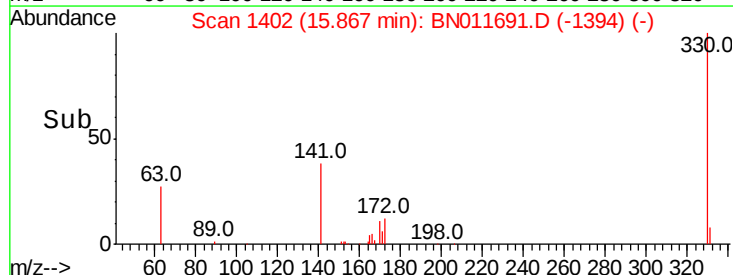
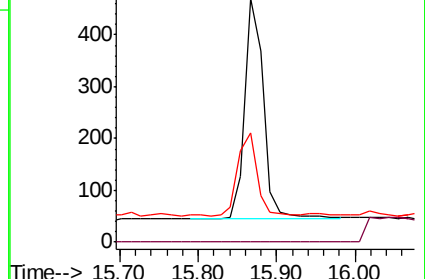
141 39.0 29.8 44.8

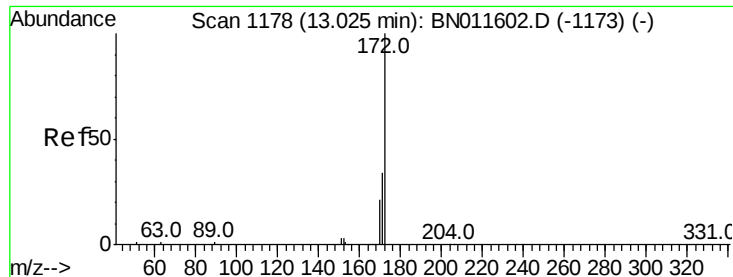


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

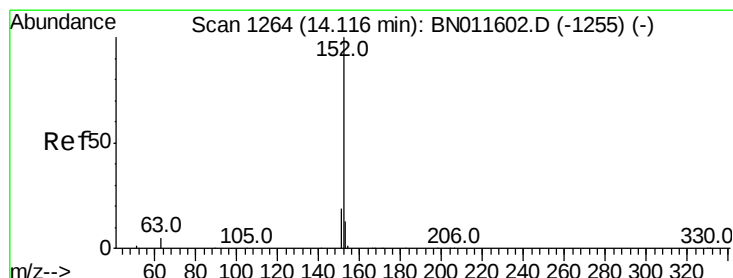
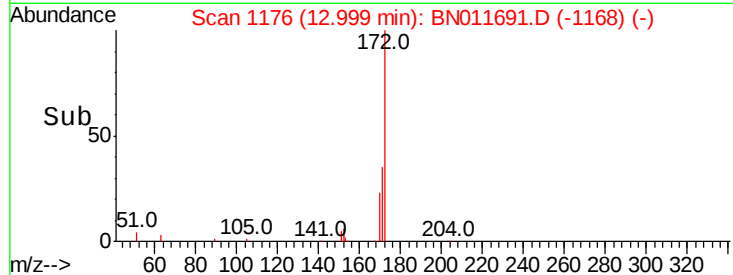
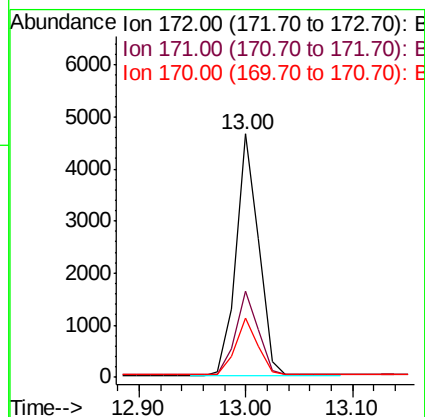
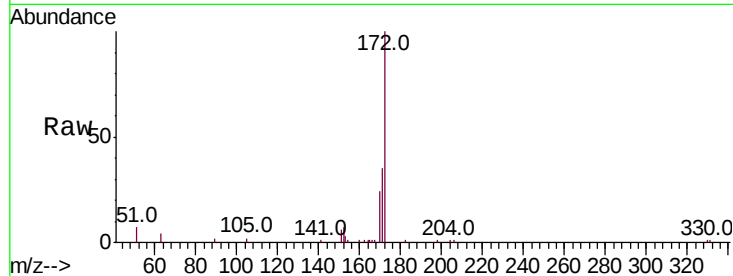




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

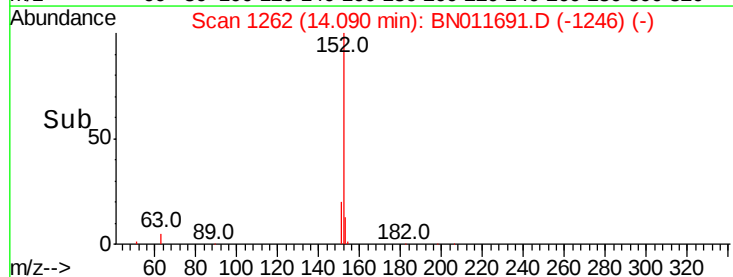
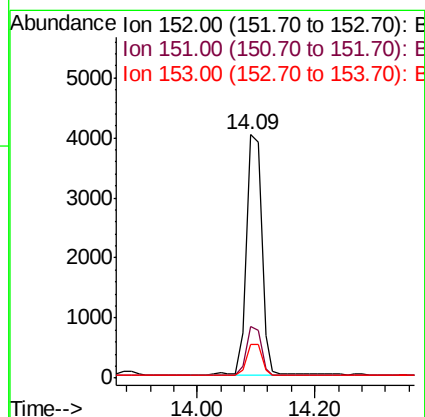
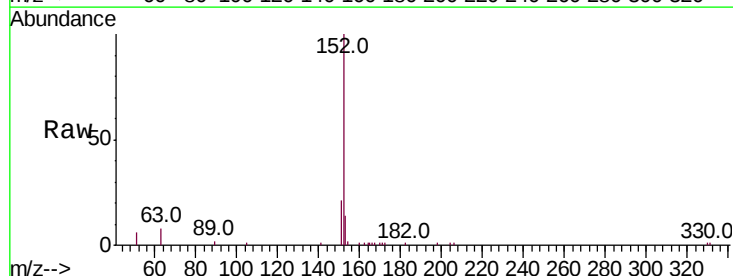
Instrument :
BNA_N
ClientSampleId :
PB131363BS

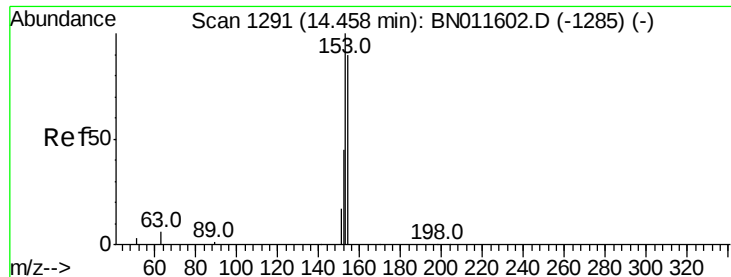
Tot Ion:172 Resp: 6761
Ion Ratio Lower Upper
172 100
171 35.4 30.0 45.0
170 24.2 20.1 30.1



#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:152 Resp: 7252
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.367 ng

RT: 14.45 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

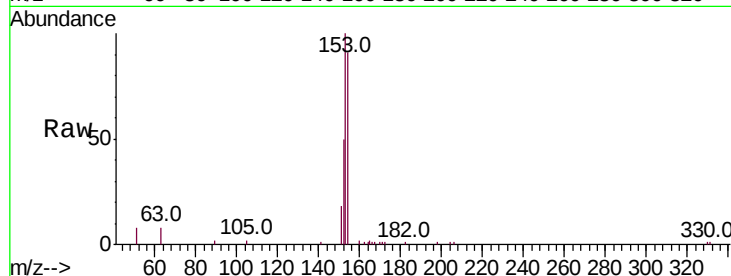
Tot Ion:154 Resp: 5280

Ion Ratio Lower Upper

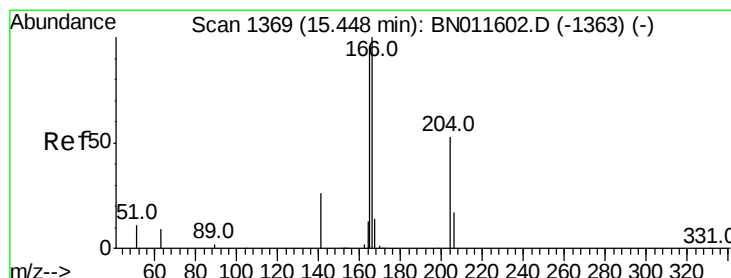
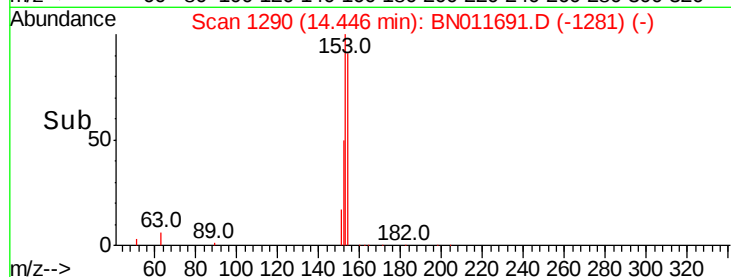
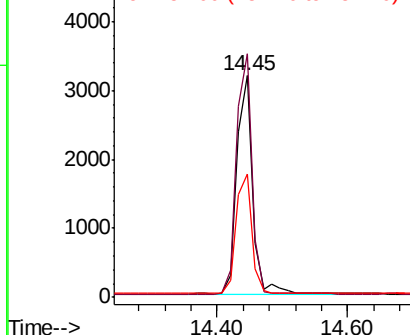
154 100

153 106.9 89.2 133.8

152 55.3 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: 0.358 ng

RT: 15.44 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

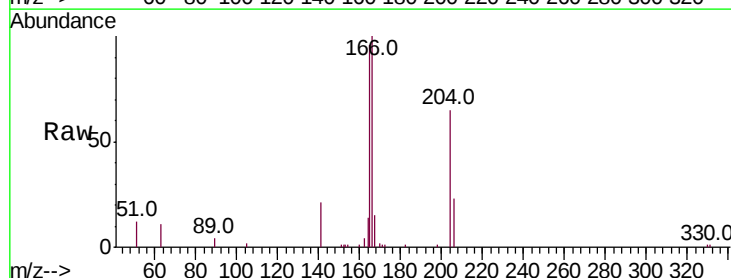
Tgt Ion:166 Resp: 6589

Ion Ratio Lower Upper

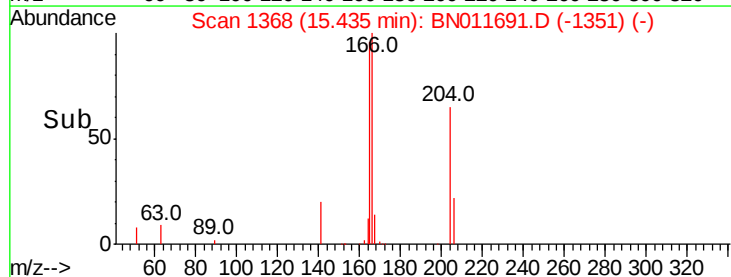
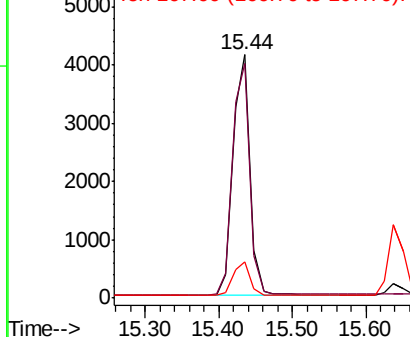
166 100

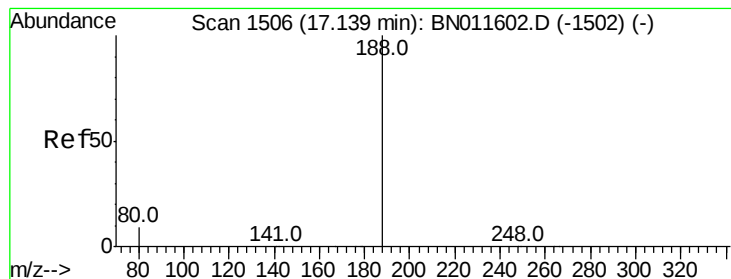
165 98.0 77.7 116.5

167 13.6 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: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

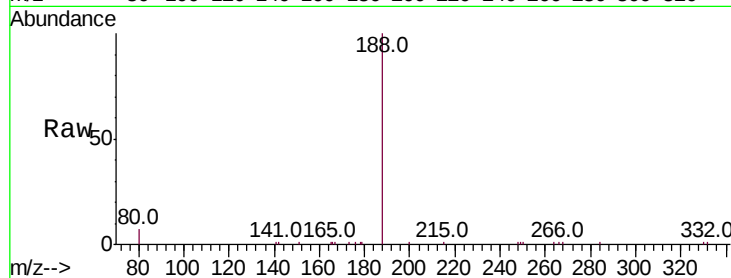
Tot Ion:188 Resp: 9164

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

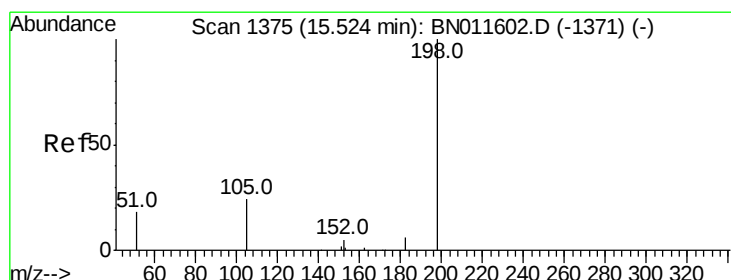
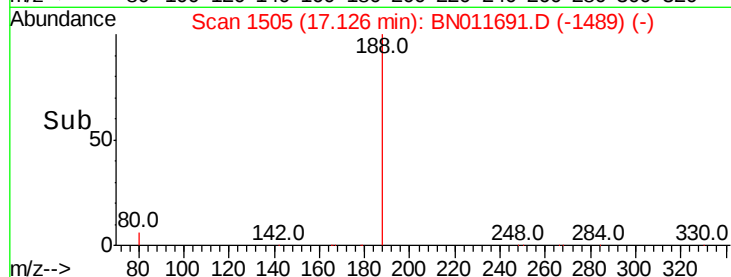
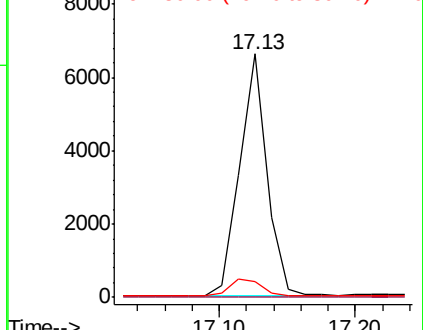
80 6.6 6.6 9.8



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: 0.410 ng

RT: 15.50 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

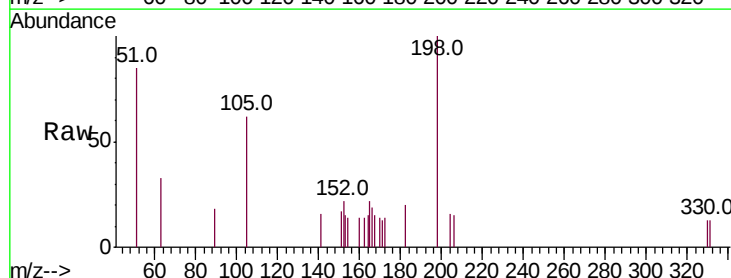
Tgt Ion:198 Resp: 580

Ion Ratio Lower Upper

198 100

51 85.1 58.6 87.8

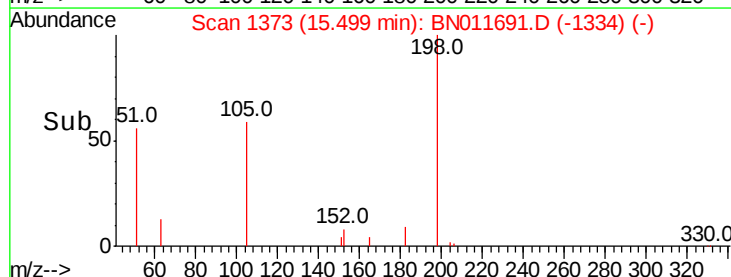
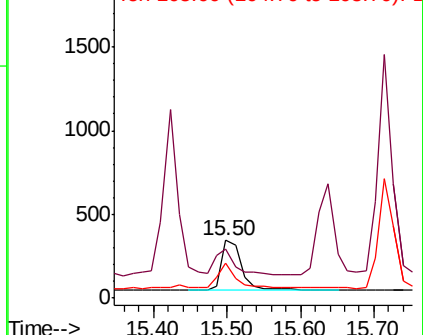
105 61.8 31.7 47.5#

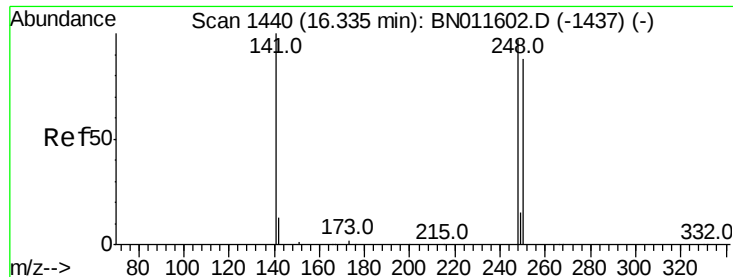


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

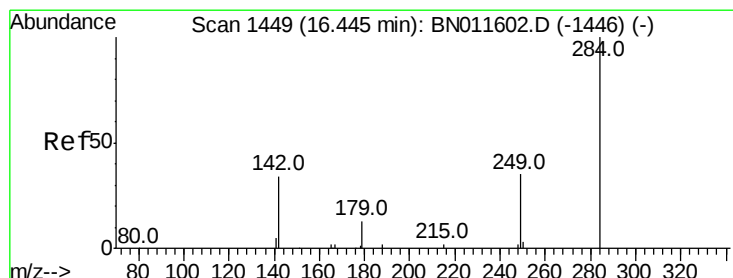
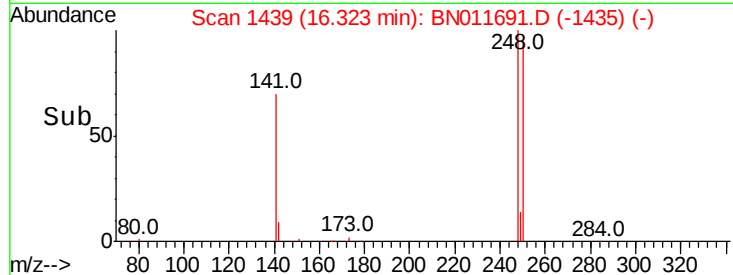
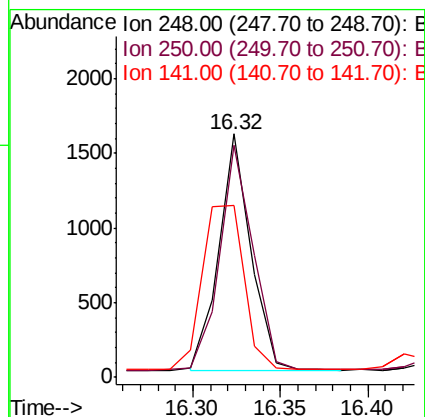
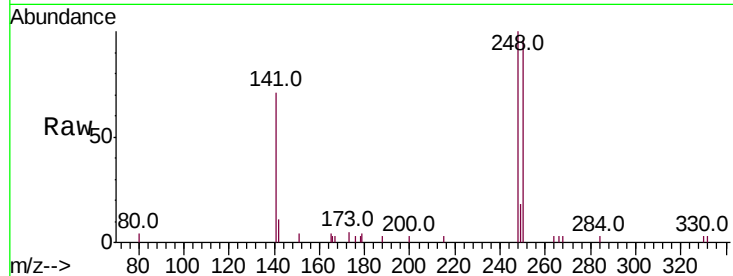




#21
4-Bromophenyl-phenylether
Concen: 0.373 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

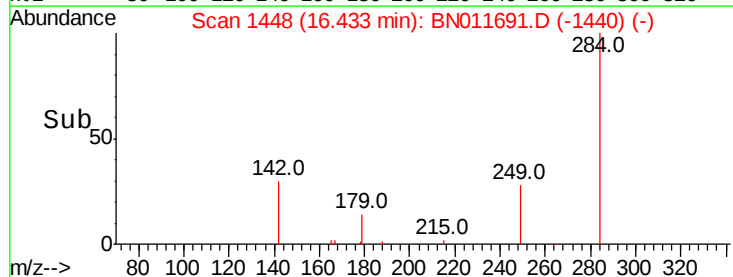
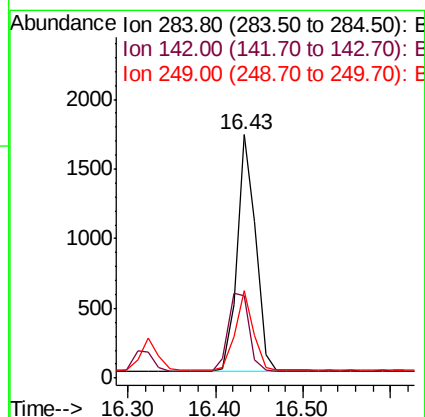
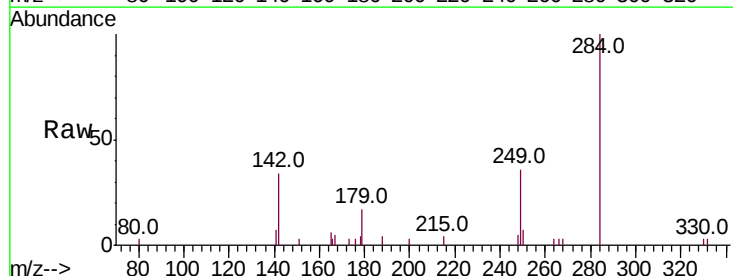
Instrument :
BNA_N
ClientSampleId :
PB131363BS

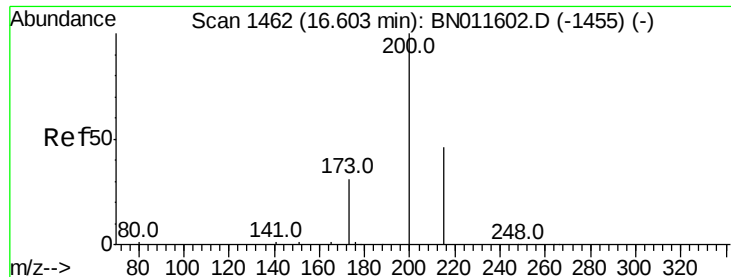
Tot Ion:248 Resp: 2005
Ion Ratio Lower Upper
248 100
250 95.5 73.9 110.9
141 70.8 79.8 119.6#



#22
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:284 Resp: 2512
Ion Ratio Lower Upper
284 100
142 37.5 29.0 43.4
249 31.8 25.7 38.5





#23

Atrazine

Concen: 0.335 ng

RT: 16.59 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

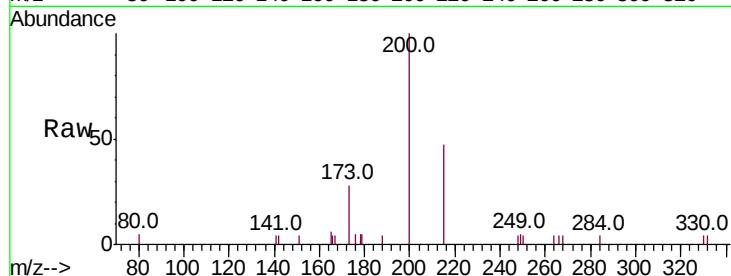
Tot Ion:200 Resp: 1578

Ion Ratio Lower Upper

200 100

173 27.9 24.3 36.5

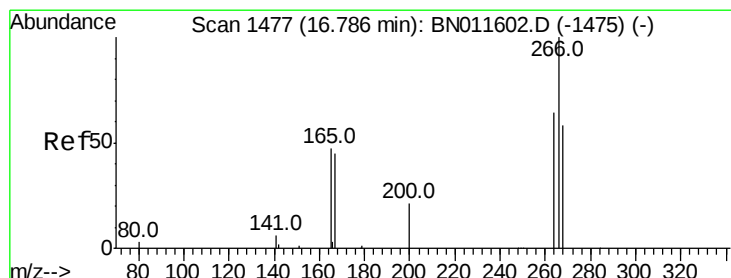
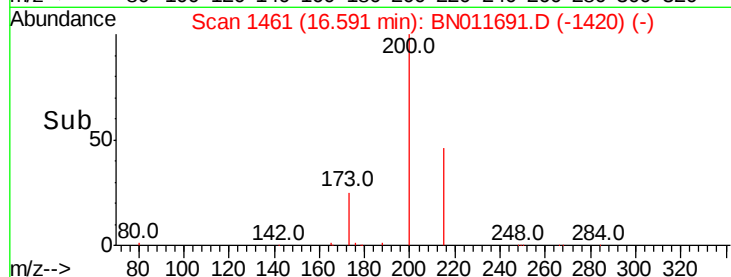
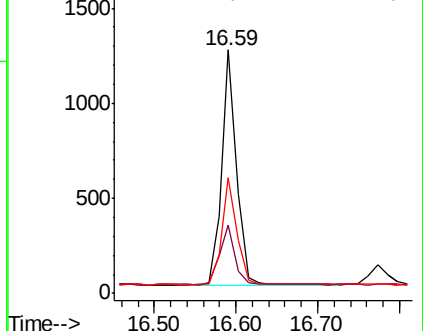
215 47.5 36.4 54.6



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: 0.337 ng

RT: 16.77 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

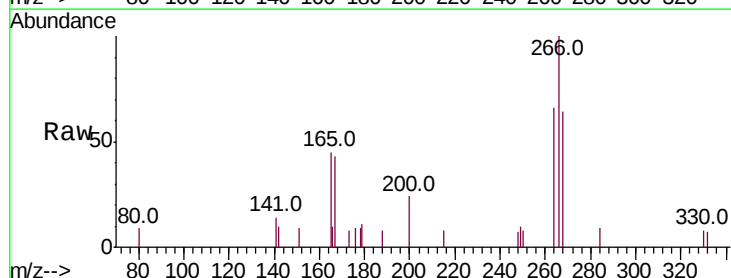
Tgt Ion:266 Resp: 887

Ion Ratio Lower Upper

266 100

264 63.5 49.5 74.3

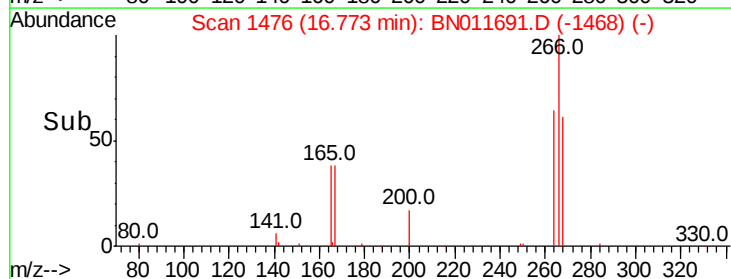
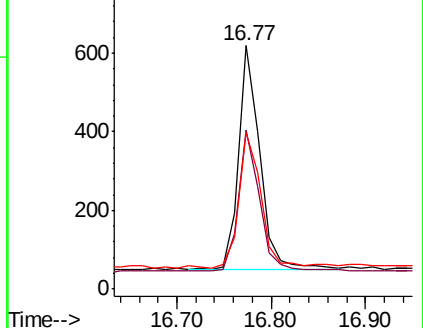
268 64.8 53.0 79.4

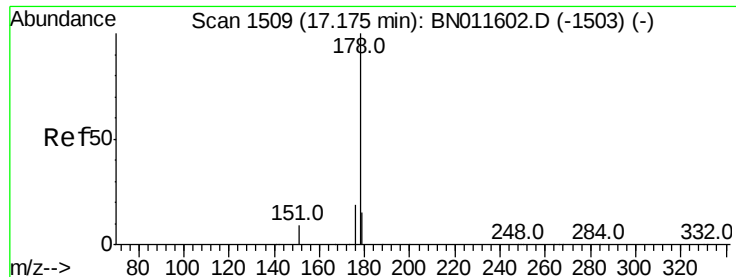


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.364 ng

RT: 17.16 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

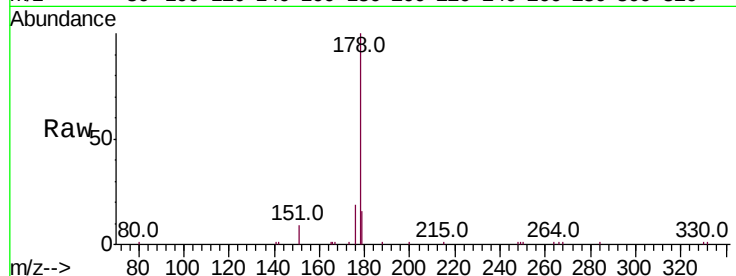
Tot Ion:178 Resp: 10789

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

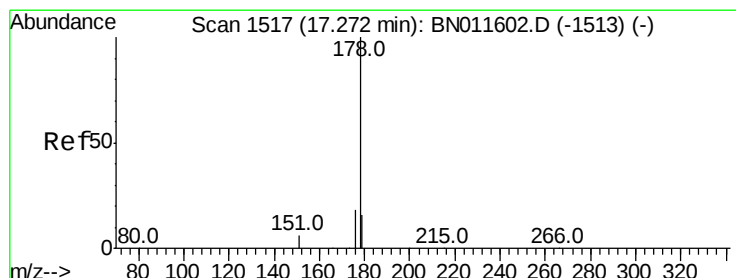
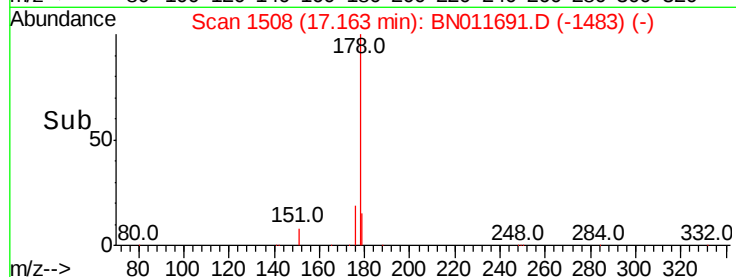
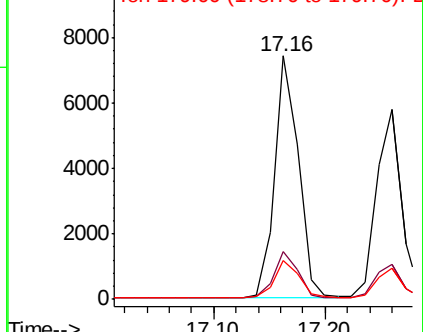
179 15.5 12.4 18.6



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



#26

Anthracene

Concen: 0.346 ng

RT: 17.26 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

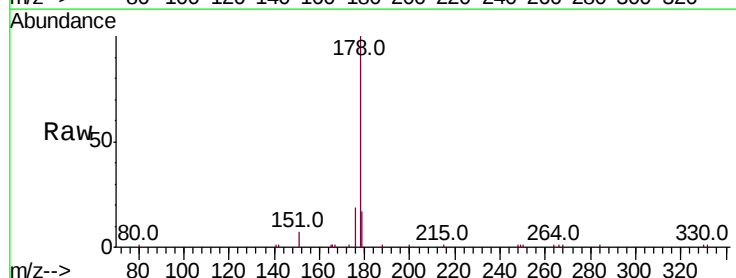
Tgt Ion:178 Resp: 9093

Ion Ratio Lower Upper

178 100

176 18.5 14.5 21.7

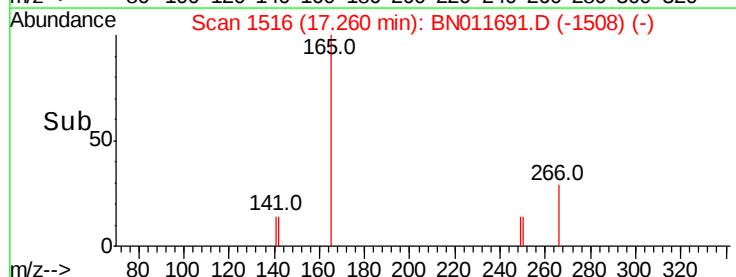
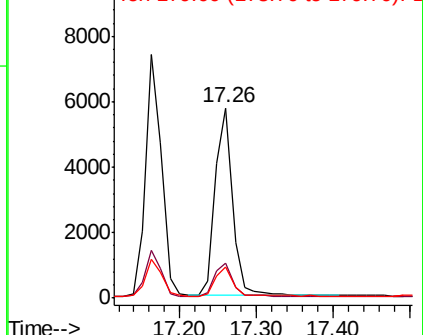
179 15.5 12.2 18.4

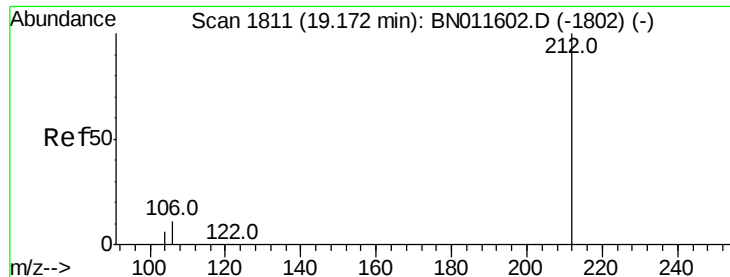


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

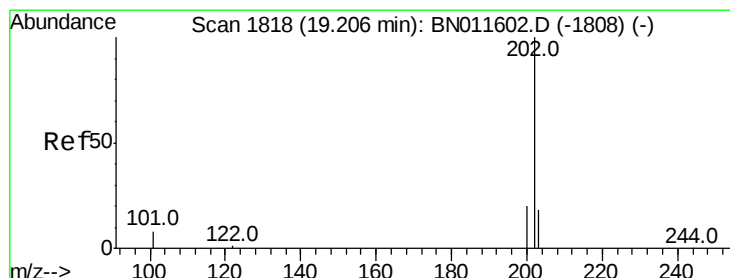
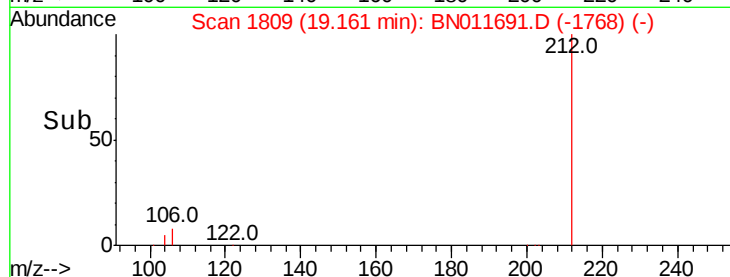
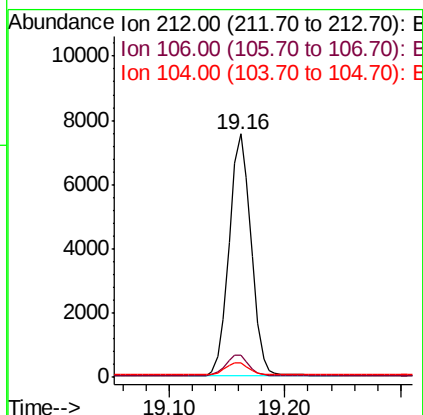
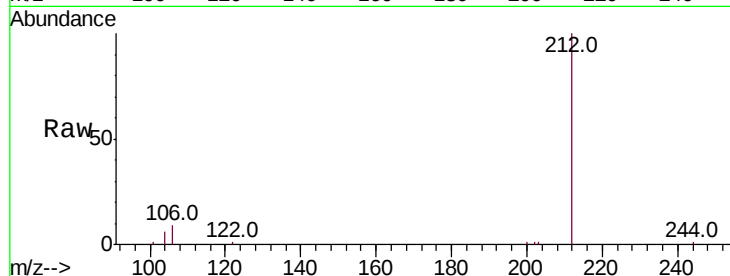




#27
 Fluoranthene-d10
 Concen: 0.339 ng
 RT: 19.16 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: BN011691.D
 Acq: 03 Sep 2020 10:46

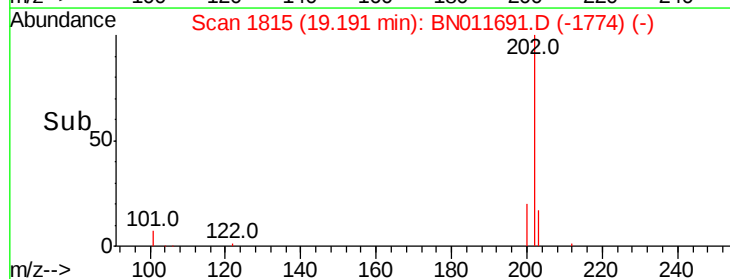
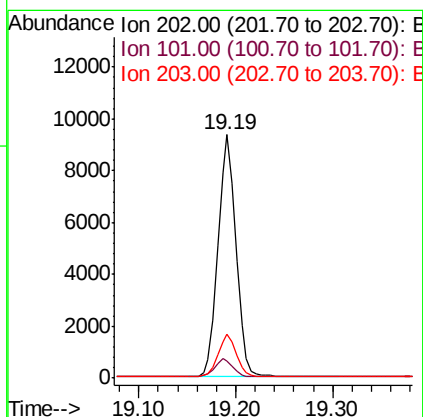
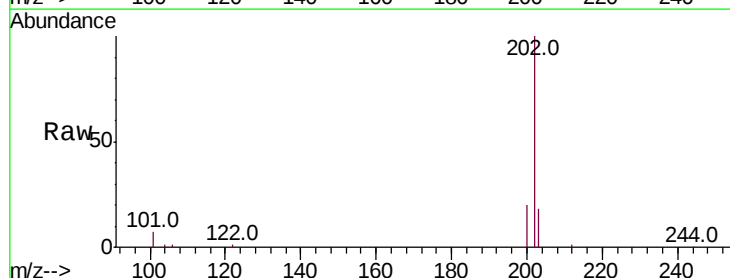
Instrument :
 BNA_N
 ClientSampleId :
 PB131363BS

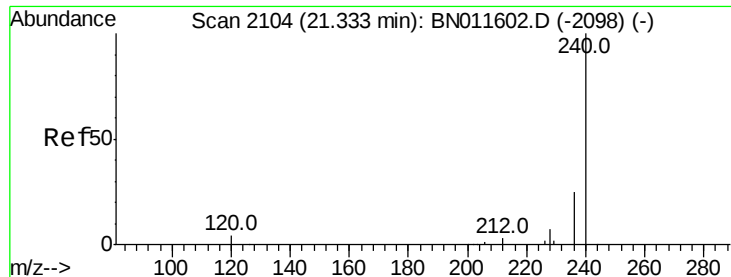
Tot Ion:212 Resp: 9959
 Ion Ratio Lower Upper
 212 100
 106 8.8 7.6 11.4
 104 5.3 4.6 6.8



#28
 Fluoranthene
 Concen: 0.343 ng
 RT: 19.19 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BN011691.D
 Acq: 03 Sep 2020 10:46

Tgt Ion:202 Resp: 12044
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.5 9.7
 203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

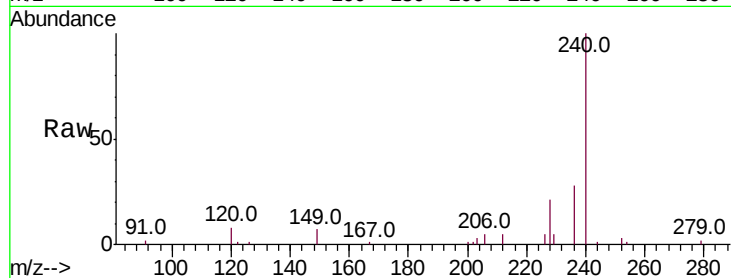
Tot Ion:240 Resp: 8631

Ion Ratio Lower Upper

240 100

120 7.9 9.9 14.9#

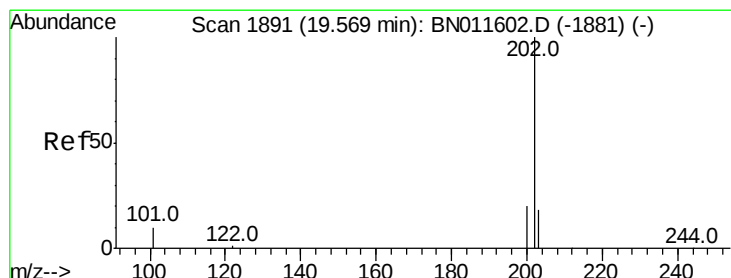
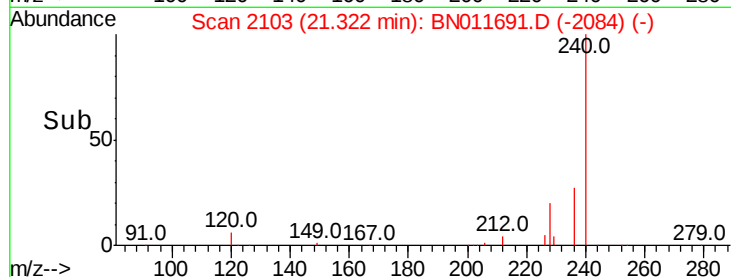
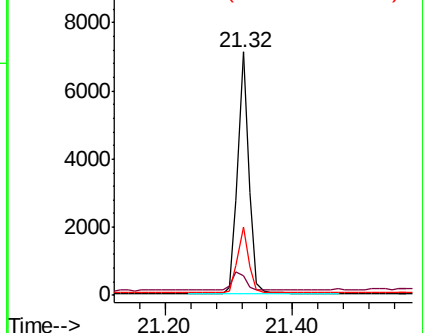
236 27.8 22.2 33.4



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: 0.402 ng

RT: 19.55 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

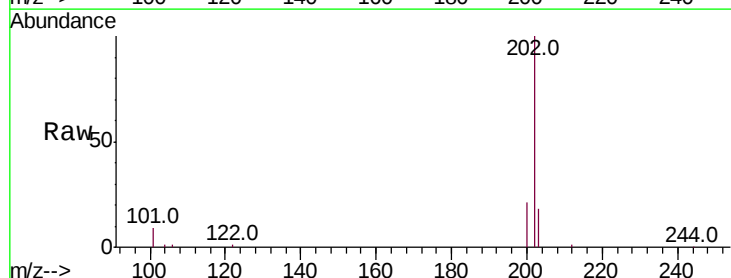
Tgt Ion:202 Resp: 12073

Ion Ratio Lower Upper

202 100

200 20.8 16.3 24.5

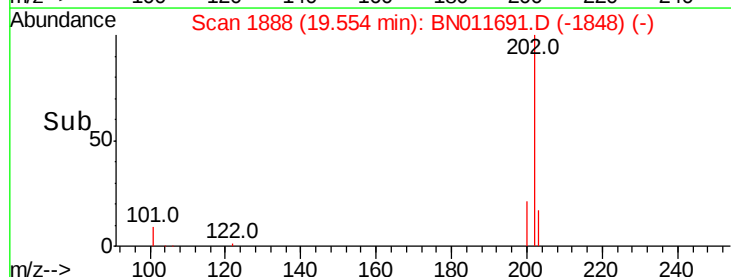
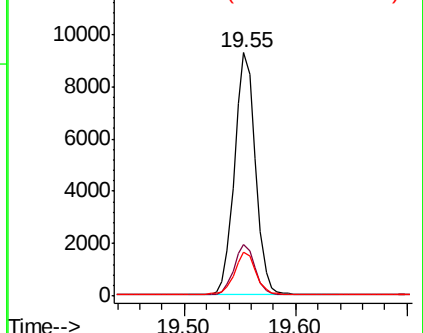
203 17.6 14.1 21.1

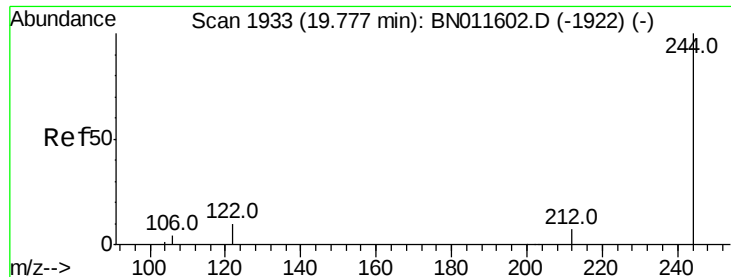


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.409 ng

RT: 19.77 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

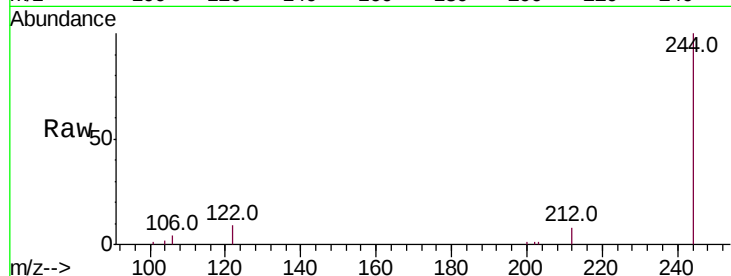
Tot Ion:244 Resp: 8766

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

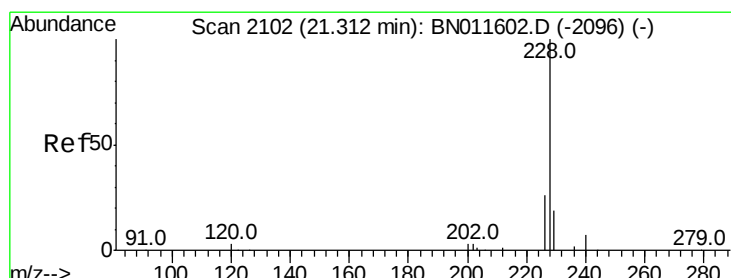
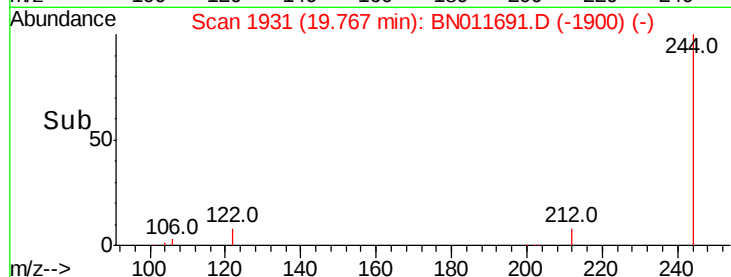
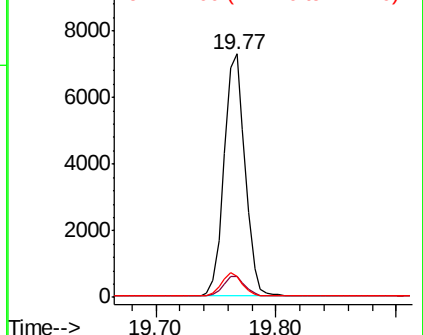
122 8.6 7.4 11.2



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: 0.356 ng

RT: 21.30 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

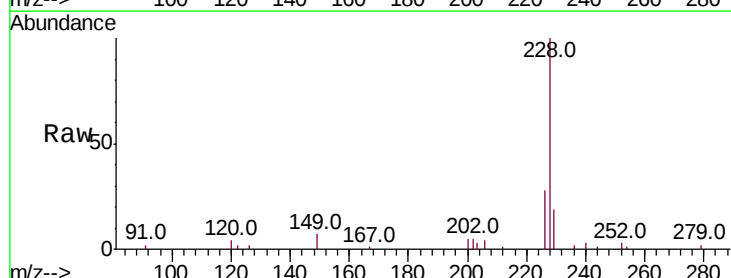
Tgt Ion:228 Resp: 10953

Ion Ratio Lower Upper

228 100

226 27.9 21.2 31.8

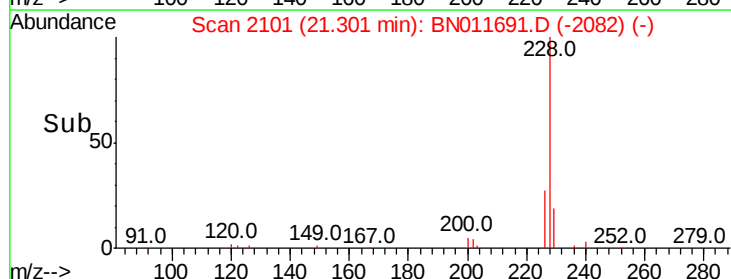
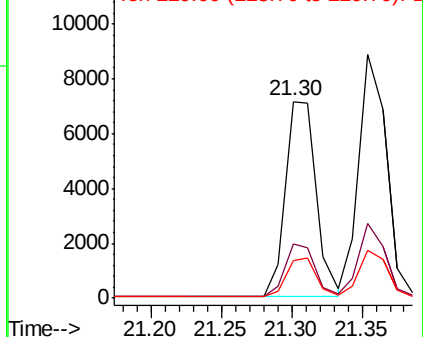
229 19.1 16.0 24.0

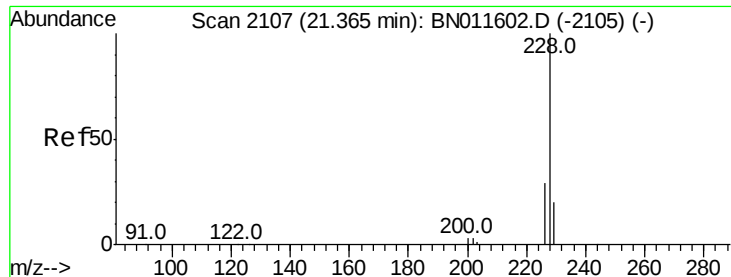


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.381 ng

RT: 21.35 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

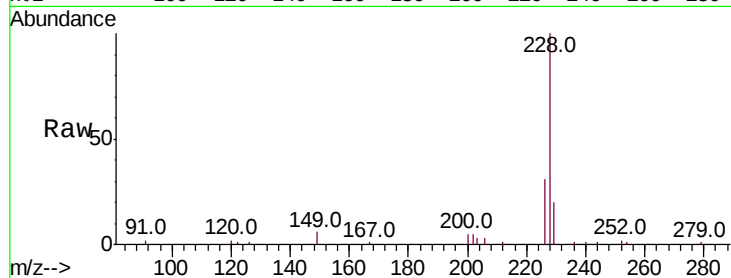
Tot Ion:228 Resp: 12102

Ion Ratio Lower Upper

228 100

226 30.5 22.7 34.1

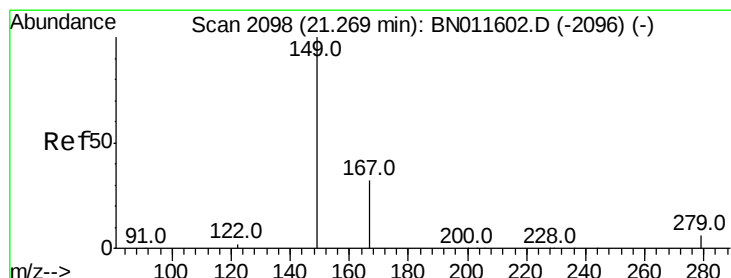
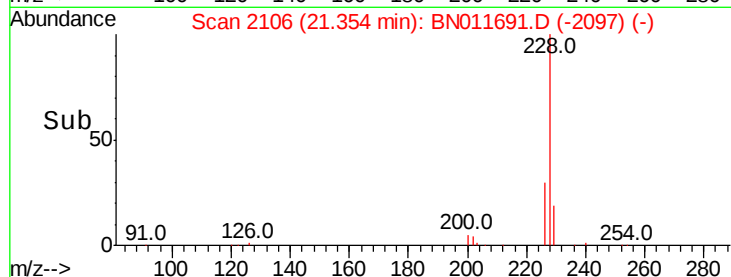
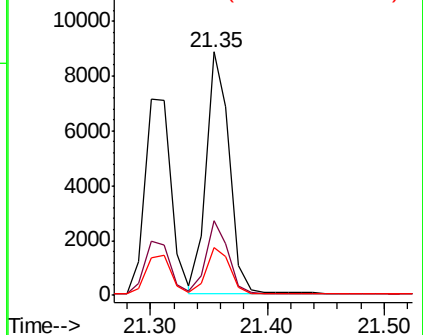
229 19.6 15.9 23.9



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: 0.387 ng

RT: 21.25 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

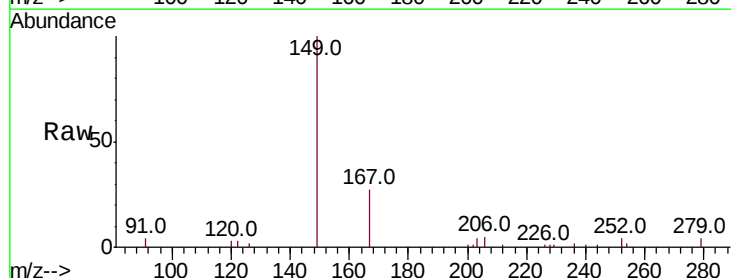
Tgt Ion:149 Resp: 4853

Ion Ratio Lower Upper

149 100

167 28.9 23.2 34.8

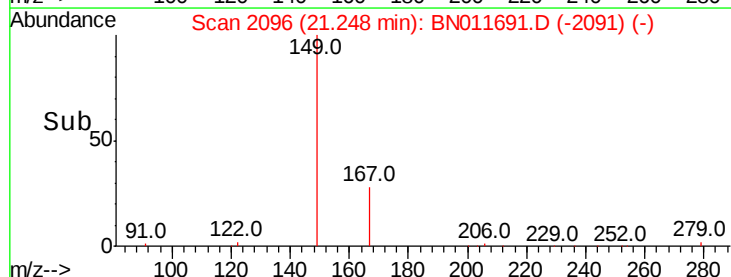
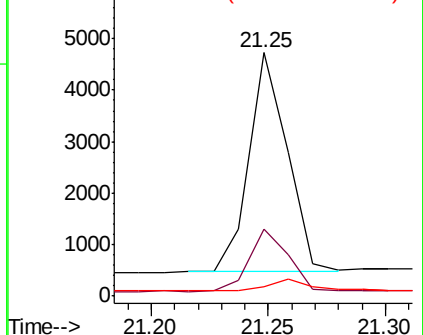
279 5.5 4.0 6.0

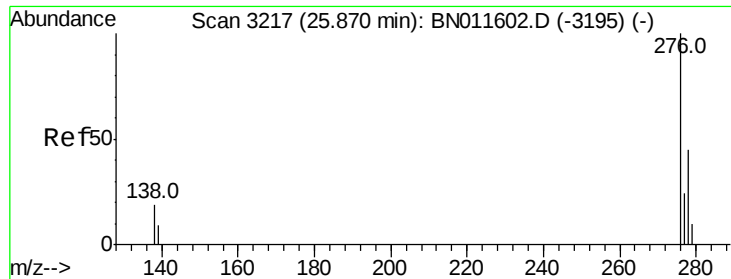


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

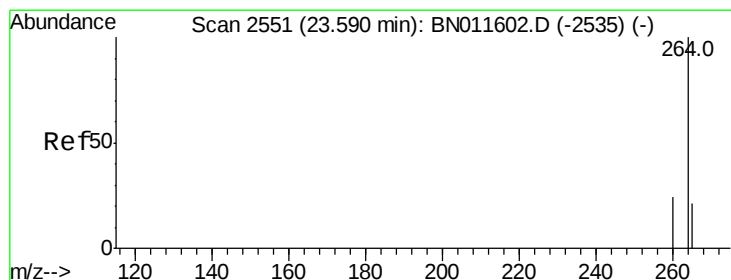
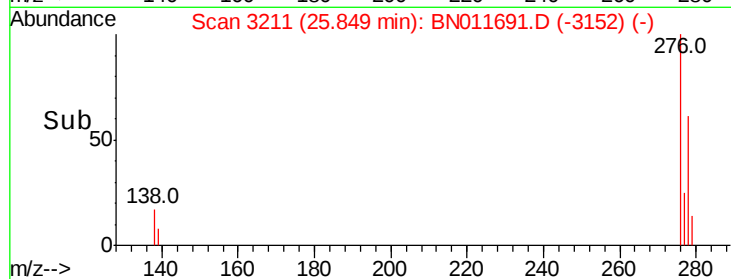
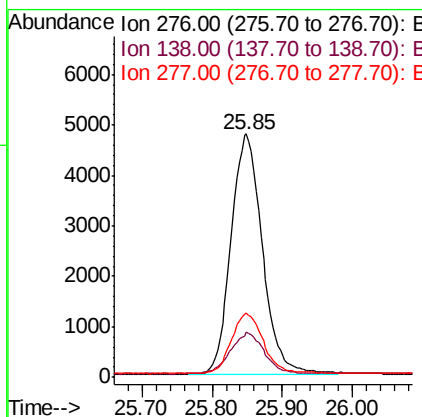
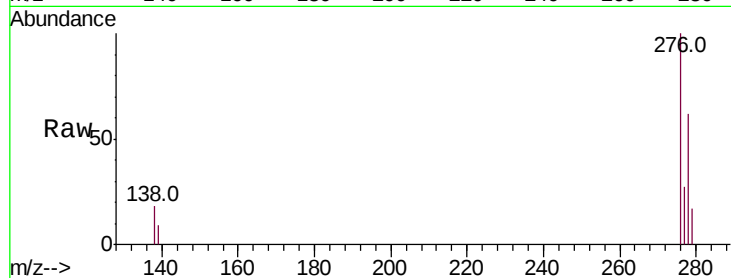




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.359 ng
 RT: 25.85 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BN011691.D
 Acq: 03 Sep 2020 10:46

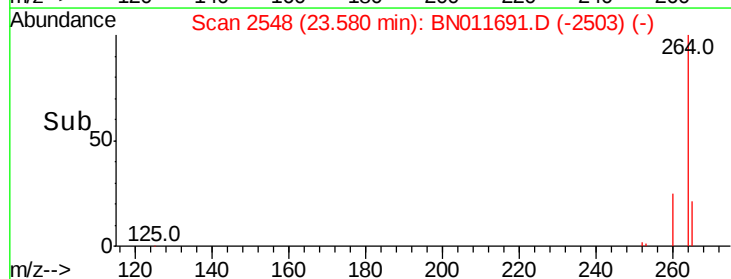
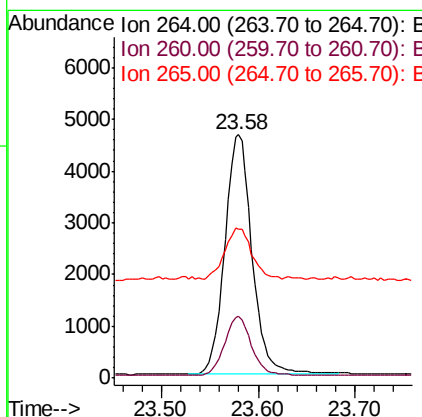
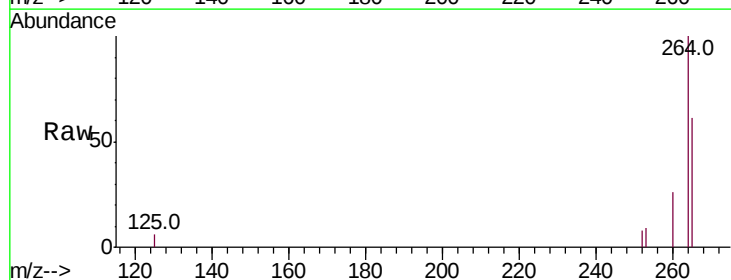
Instrument :
 BNA_N
 ClientSampleId :
 PB131363BS

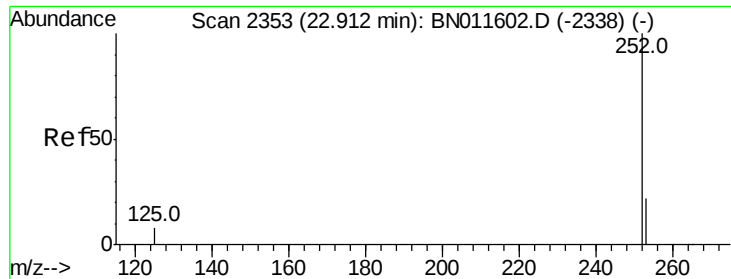
Tot Ion:276 Resp: 14895
 Ion Ratio Lower Upper
 276 100
 138 18.1 15.4 23.2
 277 25.1 20.1 30.1



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BN011691.D
 Acq: 03 Sep 2020 10:46

Tgt Ion:264 Resp: 9122
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.8 29.6
 265 61.4 38.9 58.3#

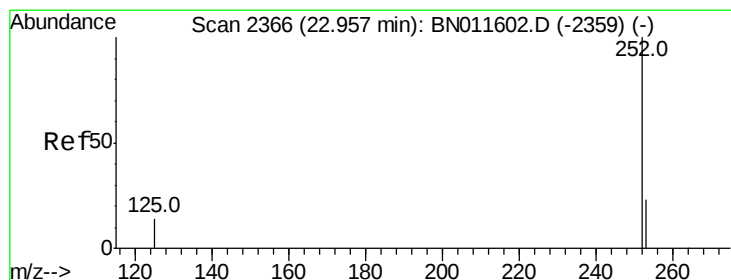
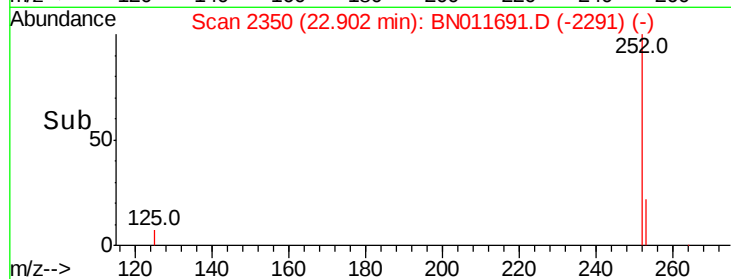
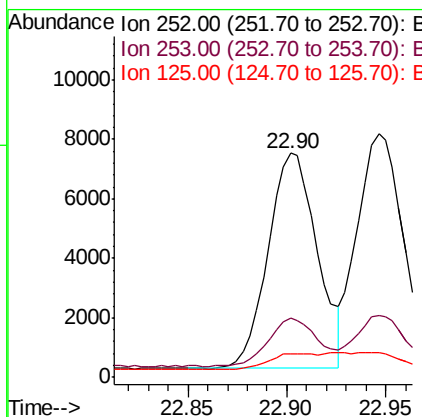
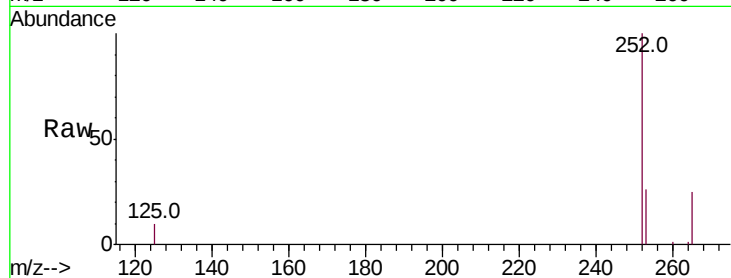




#37
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.90 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

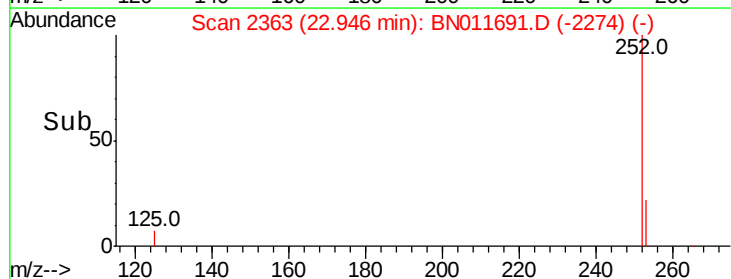
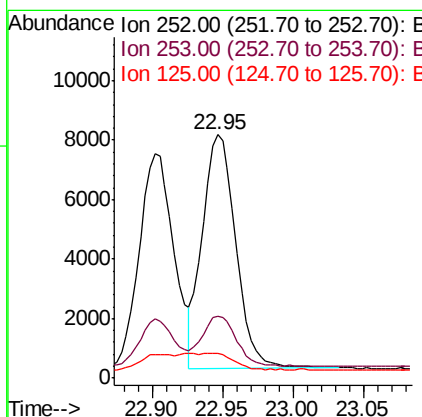
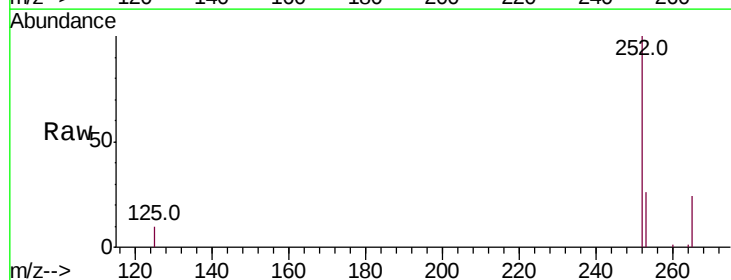
Instrument :
BNA_N
ClientSampleId :
PB131363BS

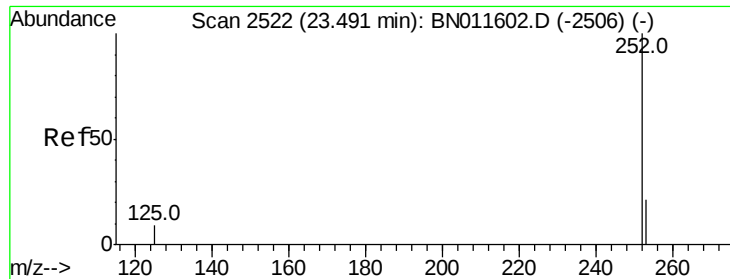
Tot Ion:252 Resp: 12510
Ion Ratio Lower Upper
252 100
253 26.5 19.7 29.5
125 10.5 7.8 11.8



#38
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 22.95 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BN011691.D
Acq: 03 Sep 2020 10:46

Tgt Ion:252 Resp: 13047
Ion Ratio Lower Upper
252 100
253 25.5 19.4 29.0
125 10.3 8.4 12.6





#39

Benzo(a)pyrene

Concen: 0.347 ng

RT: 23.48 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

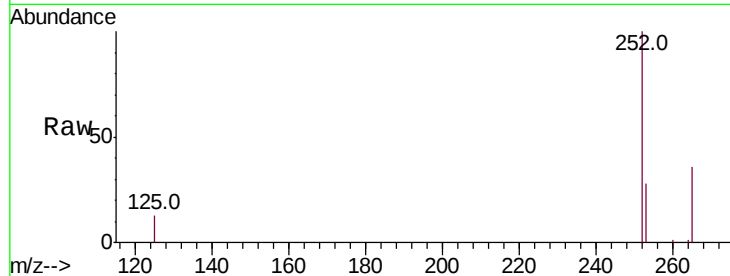
Tot Ion:252 Resp: 10857

Ion Ratio Lower Upper

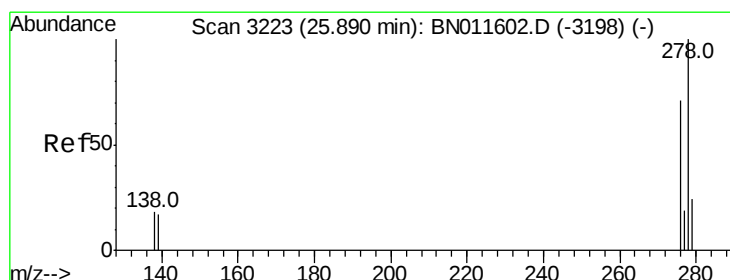
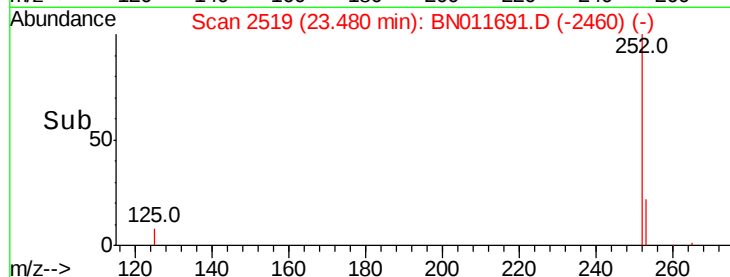
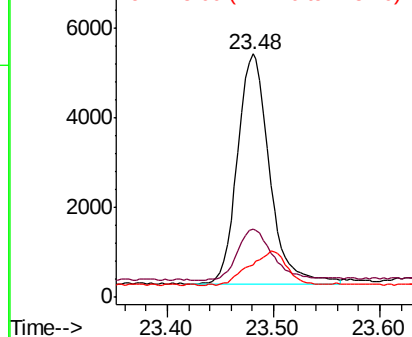
252 100

253 28.2 20.3 30.5

125 13.3 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: 0.346 ng

RT: 25.86 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

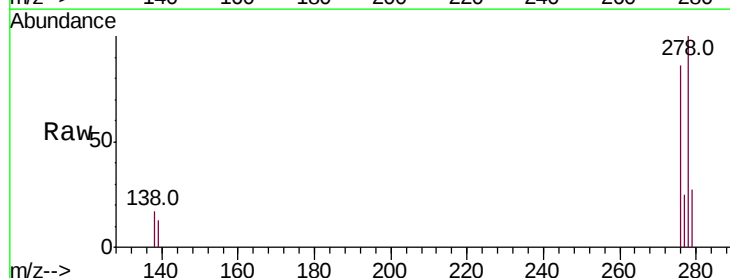
Tgt Ion:278 Resp: 12225

Ion Ratio Lower Upper

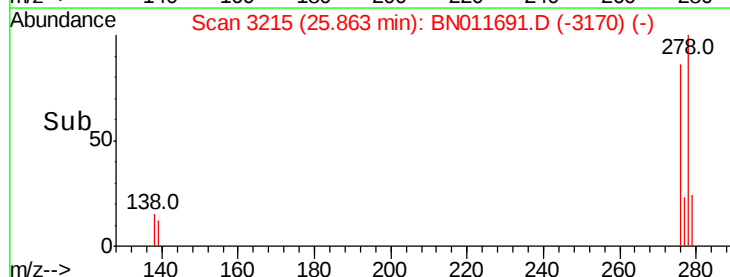
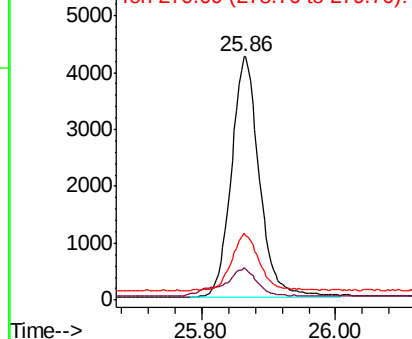
278 100

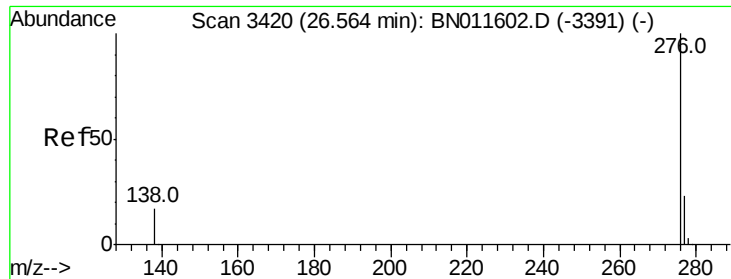
139 13.3 11.0 16.6

279 27.3 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: 0.340 ng

RT: 26.54 min Scan# 3412

Delta R.T. 0.00 min

Lab File: BN011691.D

Acq: 03 Sep 2020 10:46

Instrument :

BNA_N

ClientSampleId :

PB131363BS

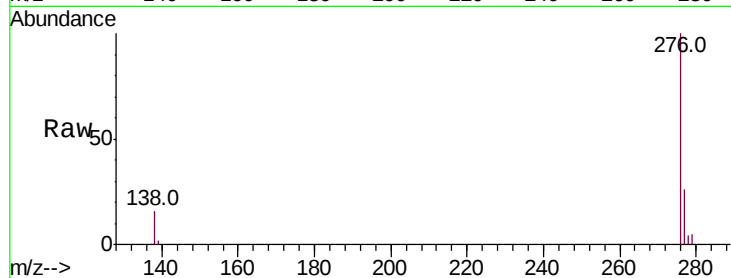
Tot Ion:276 Resp: 11762

Ion Ratio Lower Upper

276 100

277 25.5 19.7 29.5

138 16.4 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

