

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091620\
 Data File : BN011812.D
 Acq On : 16 Sep 2020 11:32
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Sep 16 12:39:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 12:37:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1714	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	6137	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	3599	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	7955	0.40	ng	0.00
29) Chrysene-d12	21.31	240	11134	0.40	ng	0.00
36) Perylene-d12	23.56	264	11330	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1885	0.40	ng	0.00
5) Phenol-d6	6.89	99	2466	0.40	ng	0.00
8) Nitrobenzene-d5	8.86	82	2533	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	4315	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	690	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	6115	0.38	ng	0.00
27) Fluoranthene-d10	19.15	212	9527	0.37	ng	0.00
31) Terphenyl-d14	19.75	244	18912	0.62	ng	0.00

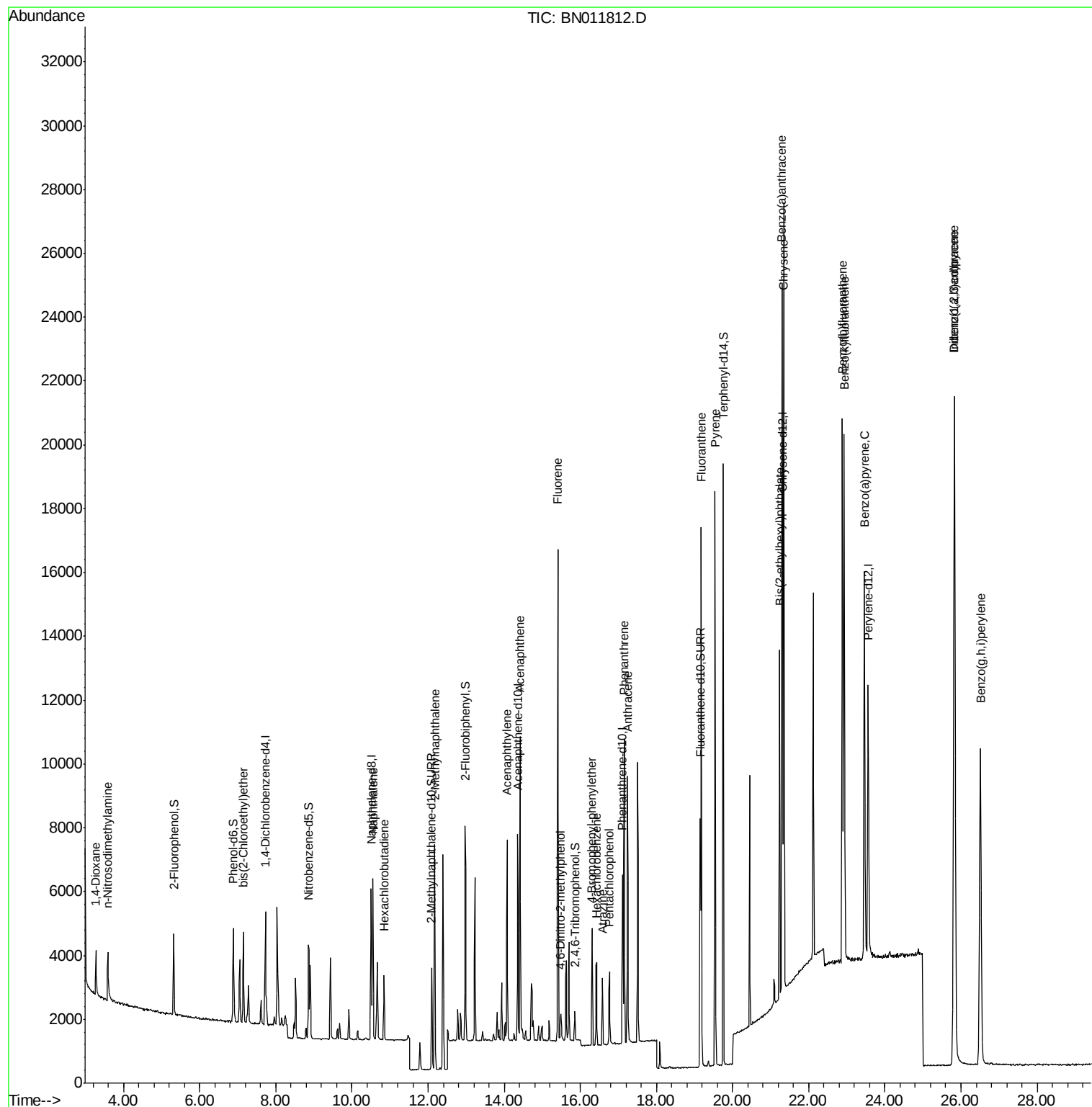
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	920	0.383	ng	95
3) n-Nitrosodimethylamine	3.58	42	1225	0.331	ng	# 79
6) bis(2-Chloroethyl)ether	7.14	93	1972	0.396	ng	97
9) Naphthalene	10.55	128	6694	0.381	ng	99
10) Hexachlorobutadiene	10.85	225	1577	0.371	ng	# 100
12) 2-Methylnaphthalene	12.17	142	4725	0.375	ng	99
16) Acenaphthylene	14.08	152	6583	0.367	ng	99
17) Acenaphthene	14.42	154	4683	0.369	ng	97
18) Fluorene	15.41	166	5899	0.369	ng	98
20) 4,6-Dinitro-2-methylphenol	15.49	198	646	0.361	ng	# 80
21) 4-Bromophenyl-phenylether	16.31	248	1815	0.360	ng	97
22) Hexachlorobenzene	16.42	284	2193	0.372	ng	98
23) Atrazine	16.58	200	1756	0.378	ng	98
24) Pentachlorophenol	16.76	266	1194	0.480	ng	95
25) Phenanthrene	17.15	178	9645	0.372	ng	100
26) Anthracene	17.24	178	8892	0.382	ng	100
28) Fluoranthene	19.18	202	15181	0.470	ng	99
30) Pyrene	19.54	202	15820	0.401	ng	100
32) Benzo(a)anthracene	21.29	228	18434	0.454	ng	98
33) Chrysene	21.34	228	19596	0.461	ng	99
34) Bis(2-ethylhexyl)phthalate	21.24	149	7505	0.413	ng	99
35) Indeno(1,2,3-cd)pyrene	25.82	276	26011	0.466	ng	99
37) Benzo(b)fluoranthene	22.88	252	21370	0.457	ng	# 97
38) Benzo(k)fluoranthene	22.93	252	21076	0.450	ng	# 97
39) Benzo(a)pyrene	23.46	252	18127	0.442	ng	# 95
40) Dibenzo(a,h)anthracene	25.84	278	21951	0.463	ng	97
41) Benzo(g,h,i)perylene	26.51	276	22115	0.467	ng	97

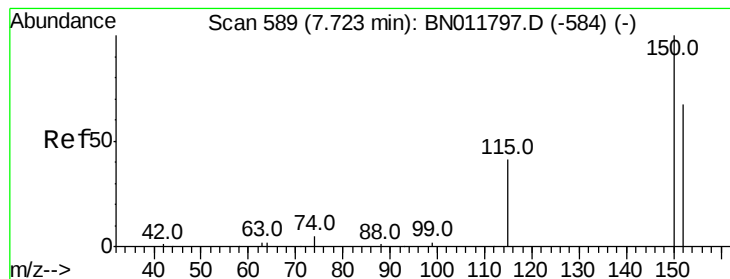
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091620\
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Misc :
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QLast Update : Wed Sep 16 12:37:34 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 589

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

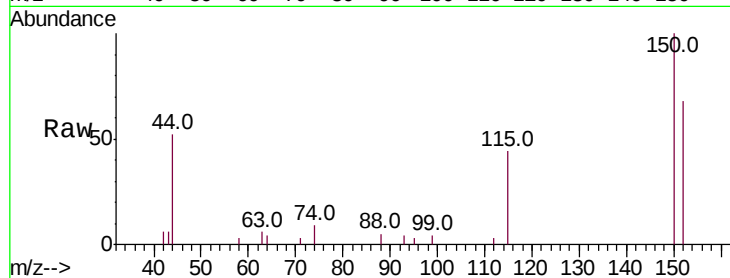
Tot Ion:152 Resp: 1714

Ion Ratio Lower Upper

152 100

150 146.4 118.3 177.5

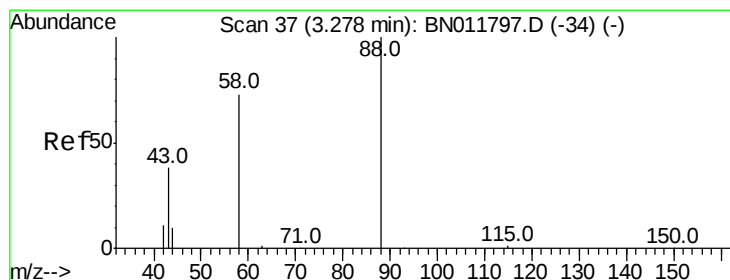
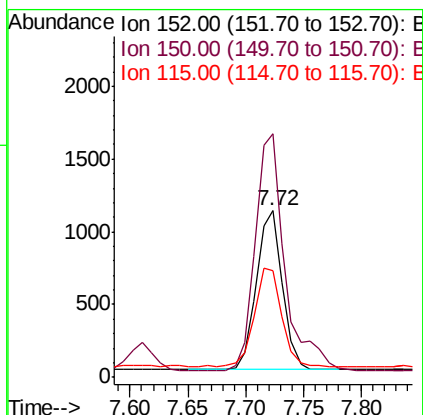
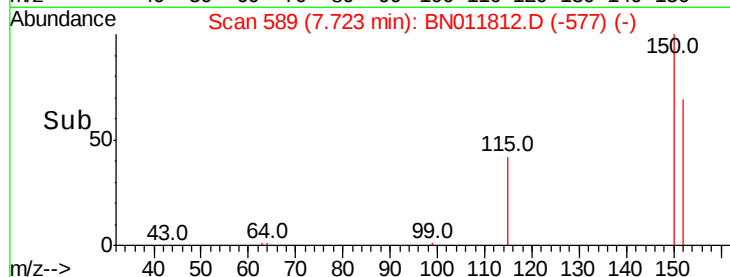
115 63.9 51.3 76.9



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: 0.383 ng

RT: 3.28 min Scan# 37

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

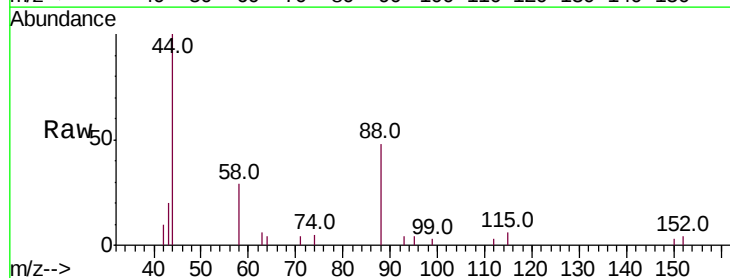
Tgt Ion: 88 Resp: 920

Ion Ratio Lower Upper

88 100

58 75.8 63.3 94.9

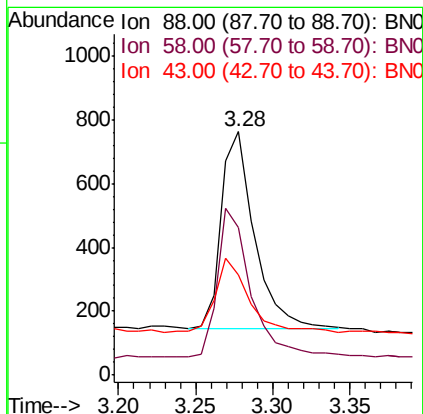
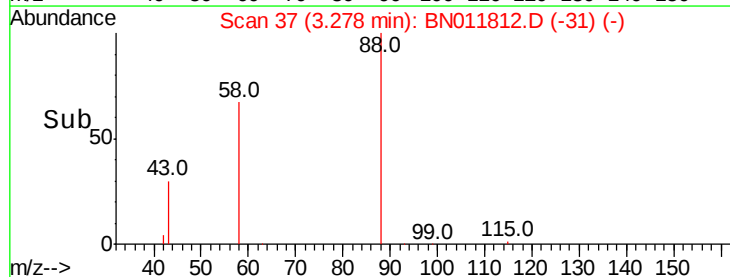
43 37.2 33.0 49.4

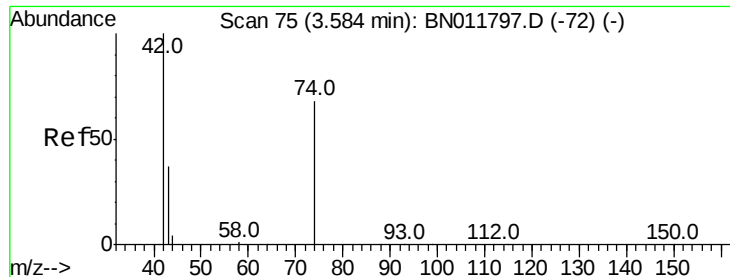


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.331 ng

RT: 3.58 min Scan# 75

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

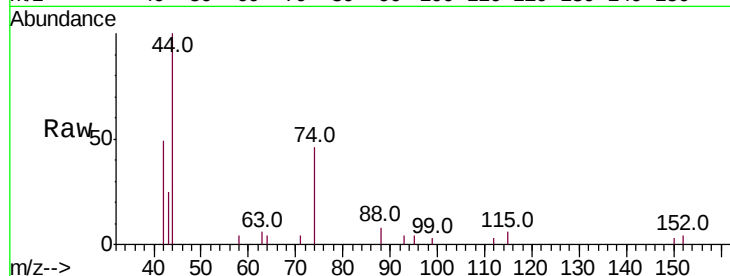
Tot Ion: 42 Resp: 1225

Ion Ratio Lower Upper

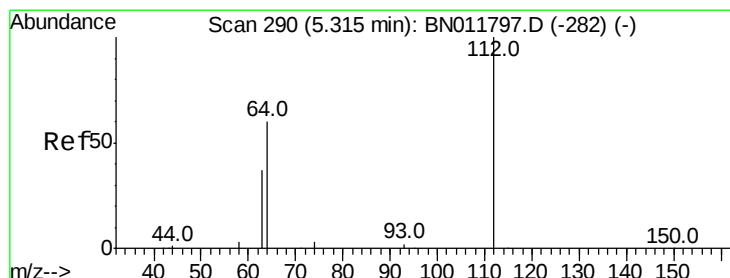
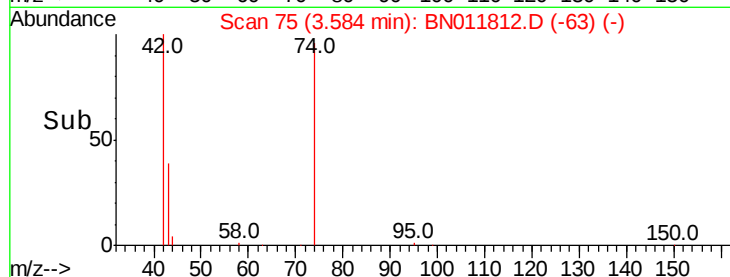
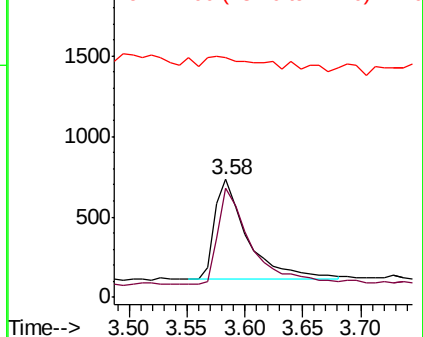
42 100

74 98.4 64.4 96.6#

44 20.5 6.7 10.1#



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



#4

2-Fluorophenol

Concen: 0.397 ng

RT: 5.32 min Scan# 290

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

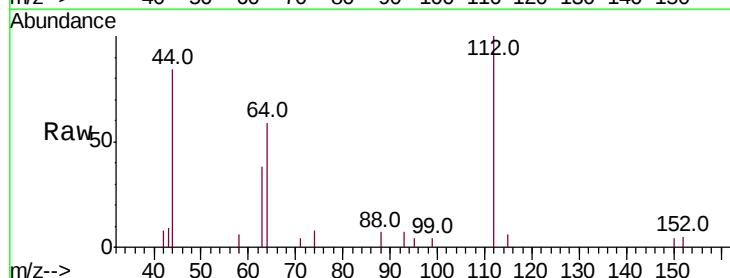
Tgt Ion: 112 Resp: 1885

Ion Ratio Lower Upper

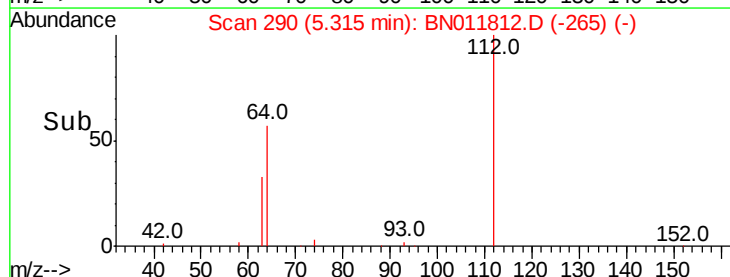
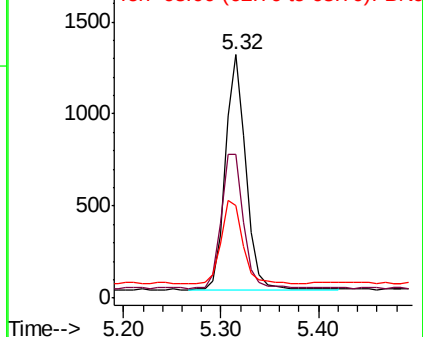
112 100

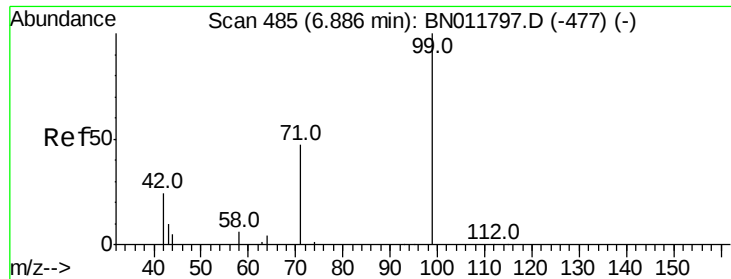
64 62.4 49.0 73.6

63 37.7 31.8 47.6



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





#5

Phenol-d6

Concen: 0.404 ng

RT: 6.89 min Scan# 485

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

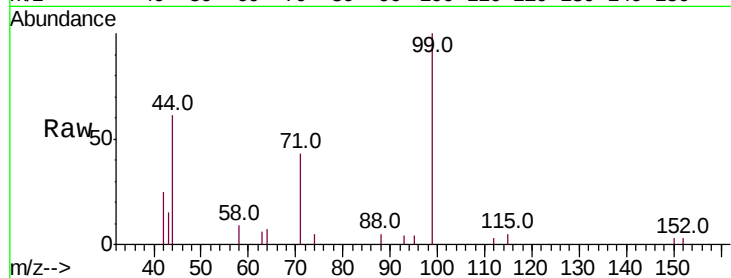
Tot Ion: 99 Resp: 2466

Ion Ratio Lower Upper

99 100

42 27.8 23.4 35.0

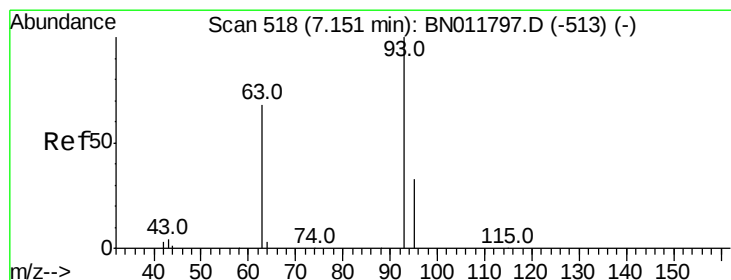
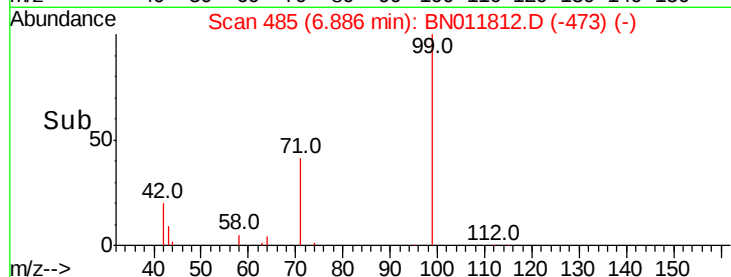
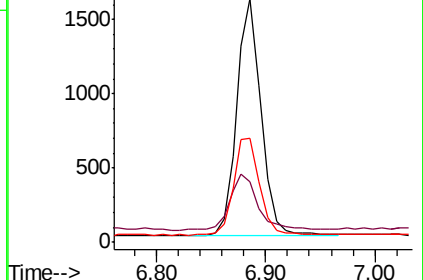
71 44.5 38.1 57.1



Abundance Ion 99.00 (98.70 to 99.70): BN011812.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011812.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011812.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.396 ng

RT: 7.14 min Scan# 517

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

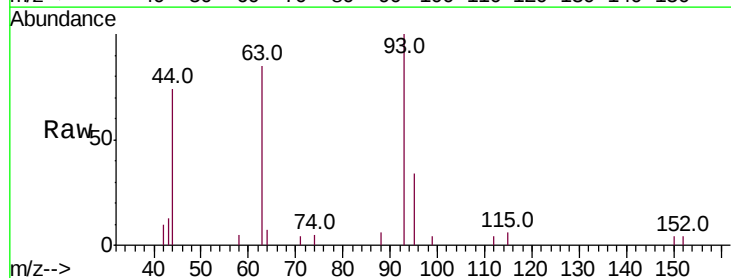
Tgt Ion: 93 Resp: 1972

Ion Ratio Lower Upper

93 100

63 79.0 61.1 91.7

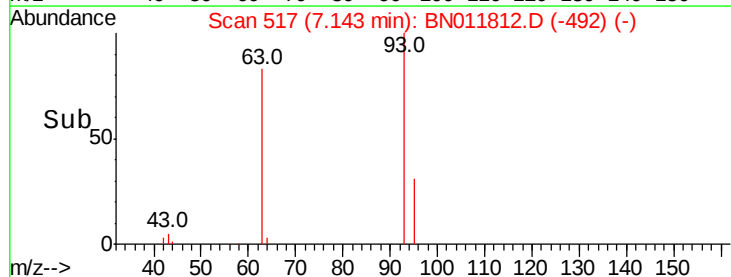
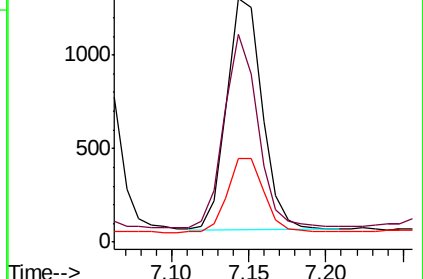
95 33.1 25.5 38.3

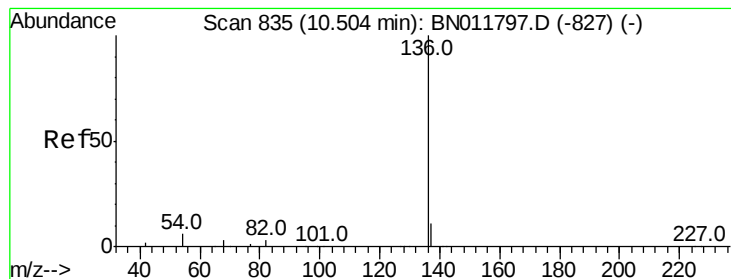


Abundance Ion 93.00 (92.70 to 93.70): BN011812.D (-492) (-)

Ion 63.00 (62.70 to 63.70): BN011812.D (-492) (-)

Ion 95.00 (94.70 to 95.70): BN011812.D (-492) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6137

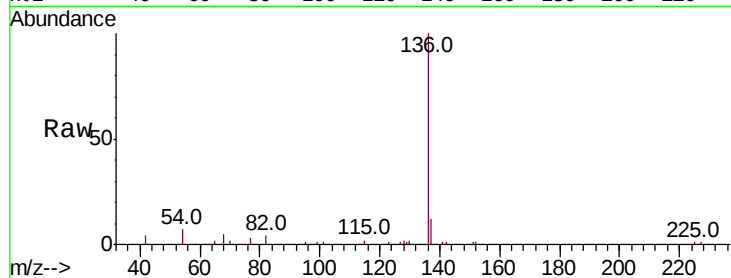
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 6.8 5.6 8.4

68 4.8 3.2 4.8

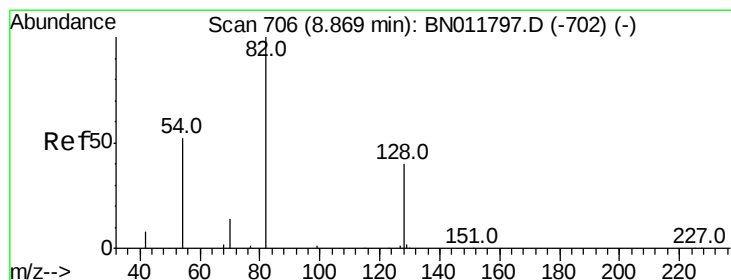
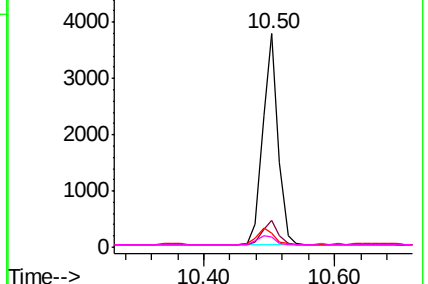
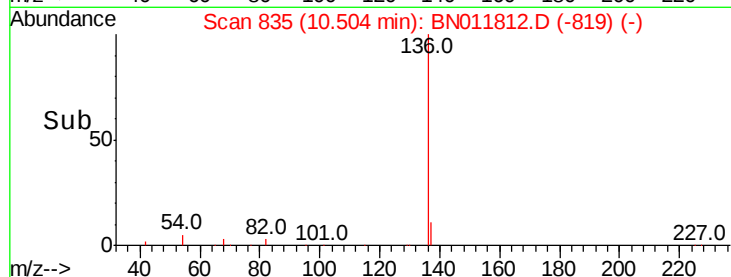


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 8.86 min Scan# 705

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

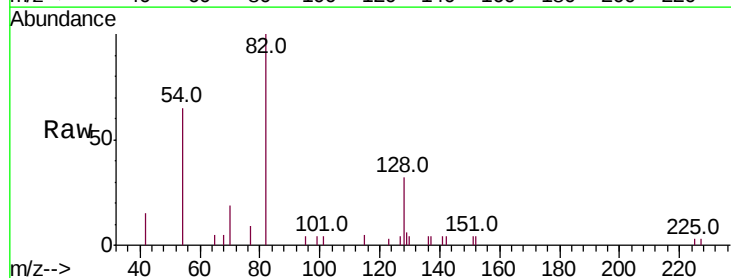
Tgt Ion: 82 Resp: 2533

Ion Ratio Lower Upper

82 100

128 32.4 34.2 51.2#

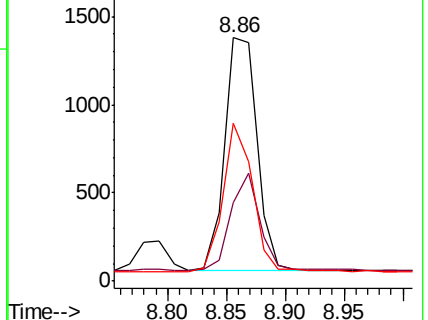
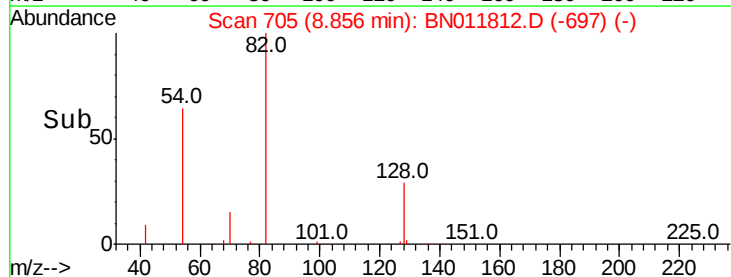
54 65.1 43.1 64.7#

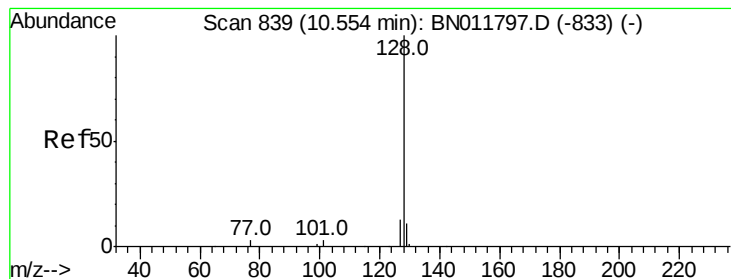


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.381 ng

RT: 10.55 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

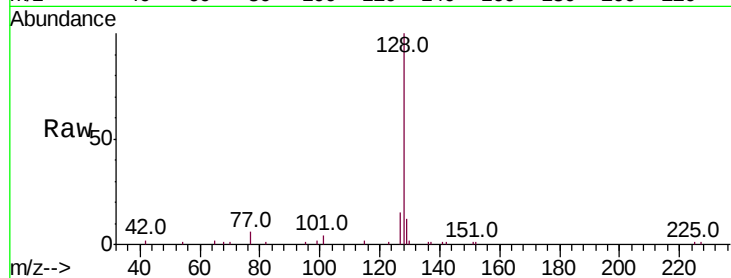
Tot Ion:128 Resp: 6694

Ion Ratio Lower Upper

128 100

129 12.3 9.7 14.5

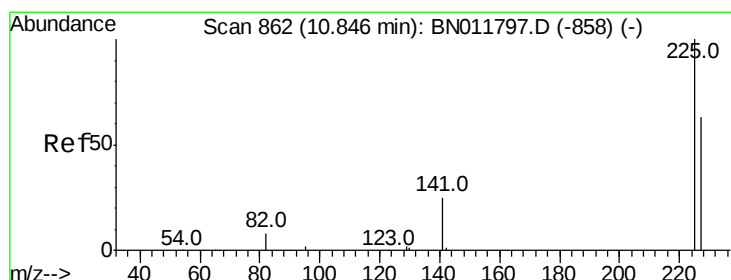
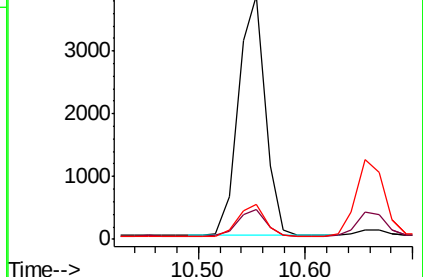
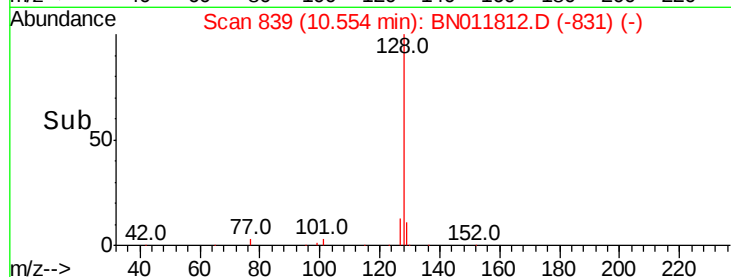
127 14.6 11.0 16.4



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: 0.371 ng

RT: 10.85 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

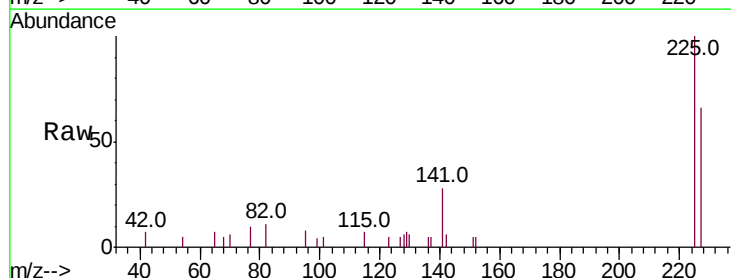
Tgt Ion:225 Resp: 1577

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

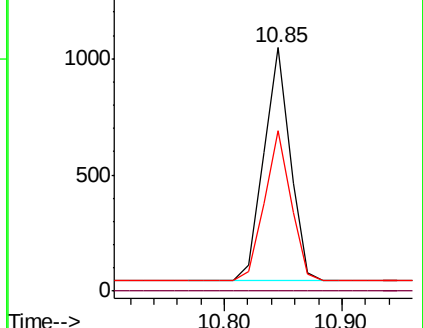
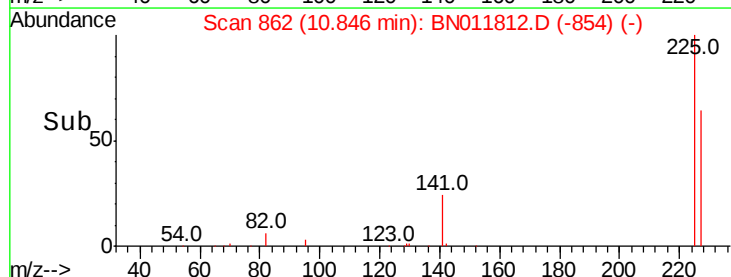
227 64.7 51.9 77.9

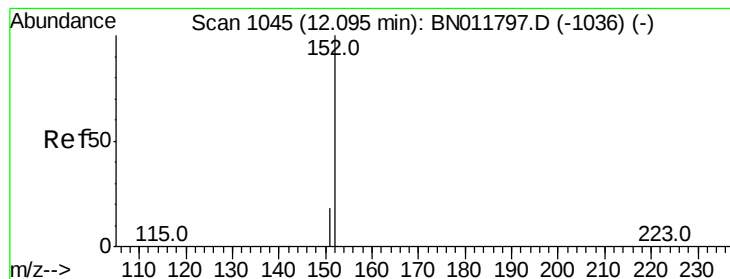


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.10 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

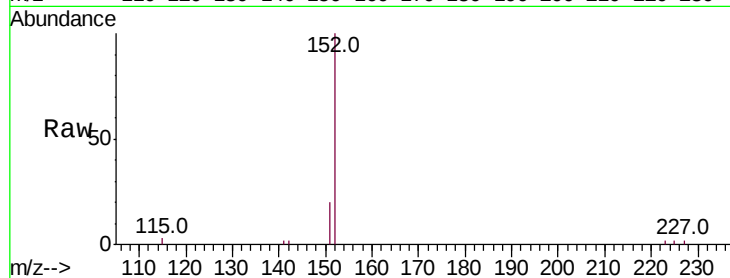
SSTDCCC0.4

Tot Ion:152 Resp: 4315

Ion Ratio Lower Upper

152 100

151 20.7 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.10

3000

2500

2000

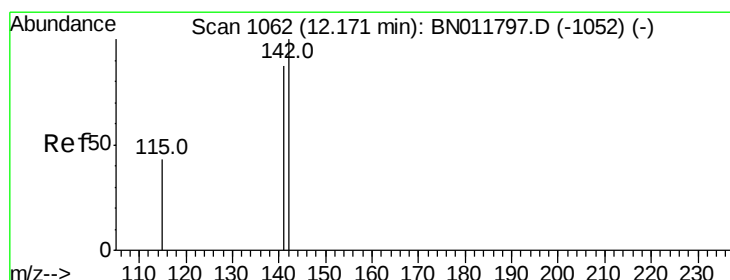
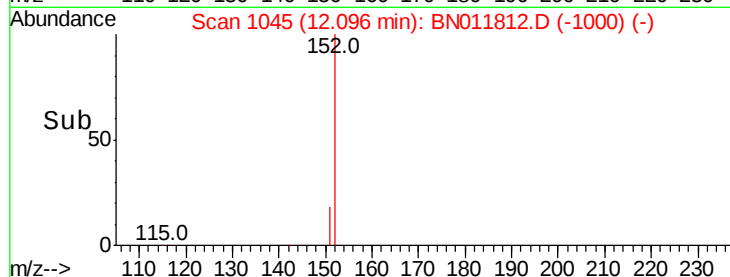
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.375 ng

RT: 12.17 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

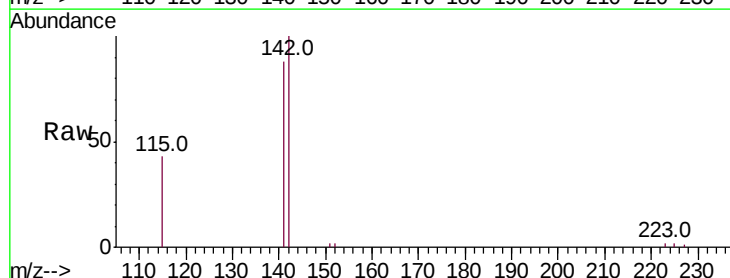
Tgt Ion:142 Resp: 4725

Ion Ratio Lower Upper

142 100

141 88.3 70.0 105.0

115 43.0 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.17

4000

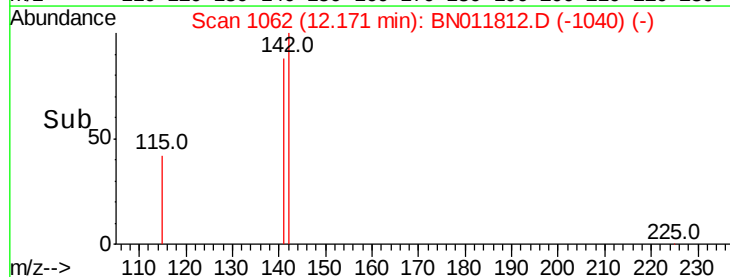
3000

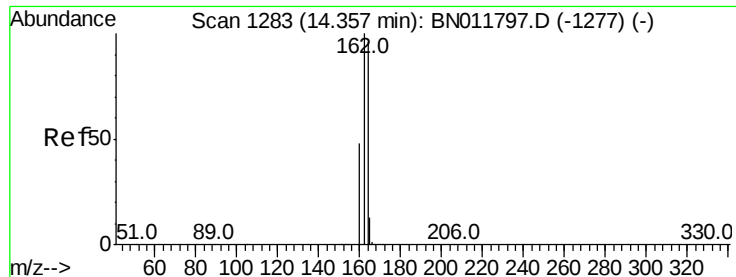
2000

1000

0

Time-->

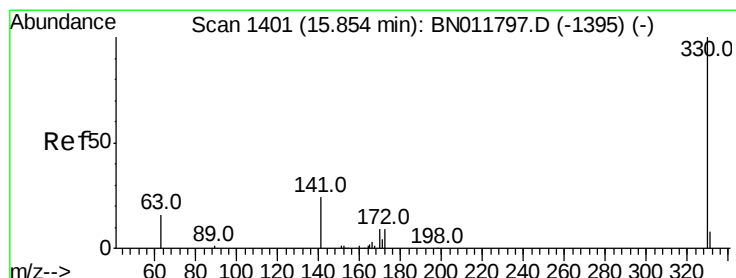
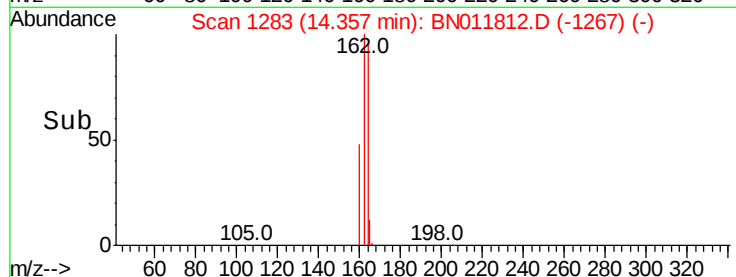
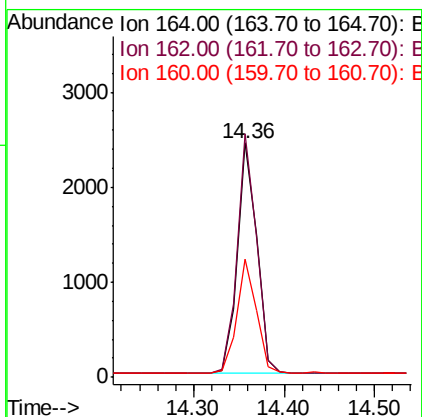
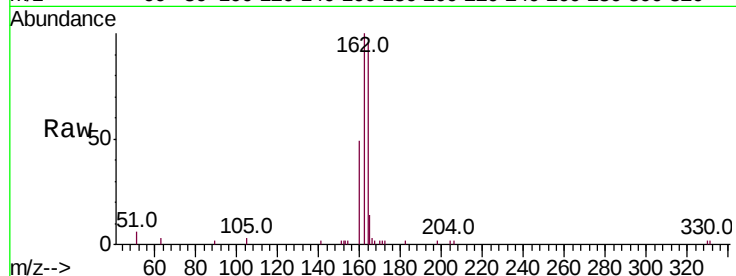




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

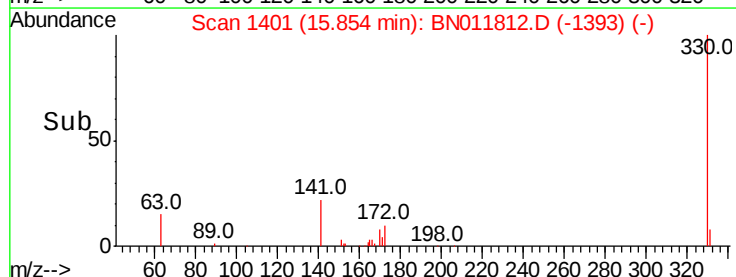
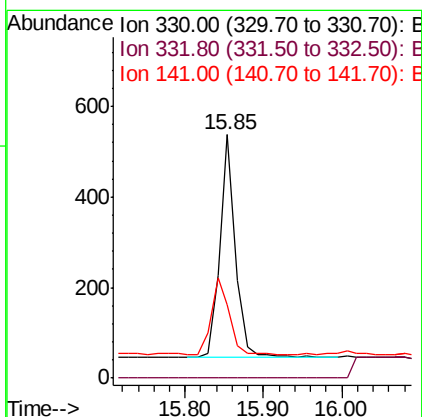
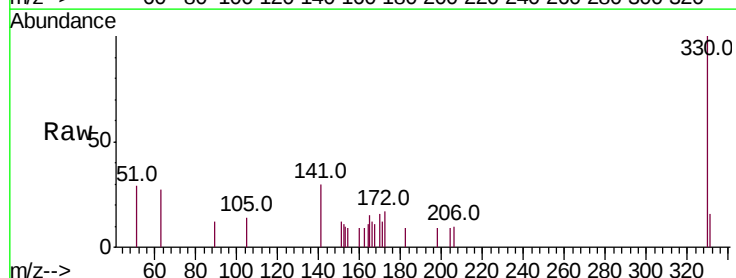
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

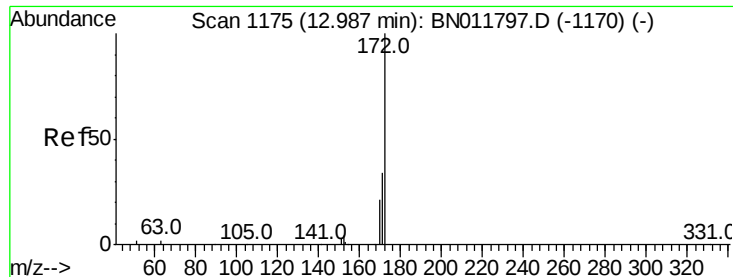
Tot Ion:164 Resp: 3599
Ion Ratio Lower Upper
164 100
162 103.9 83.6 125.4
160 50.7 41.2 61.8



#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.85 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

Tgt Ion:330 Resp: 690
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.6 33.7 50.5

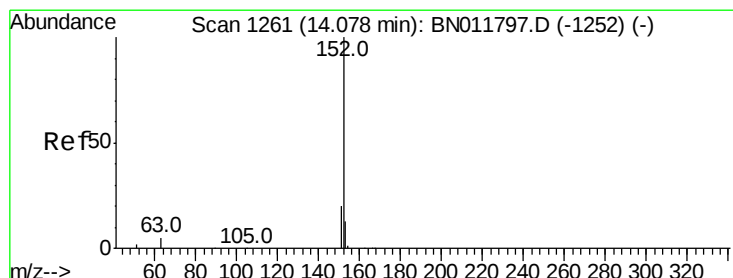
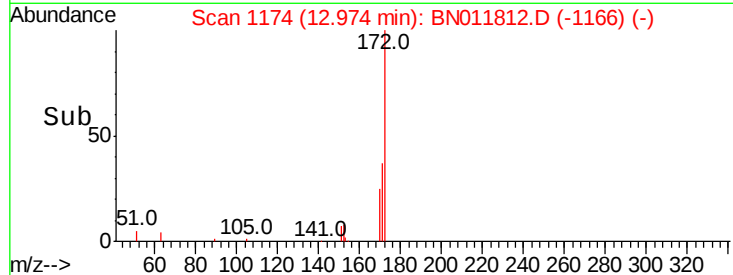
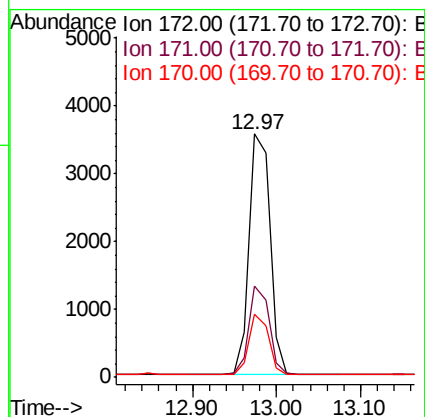
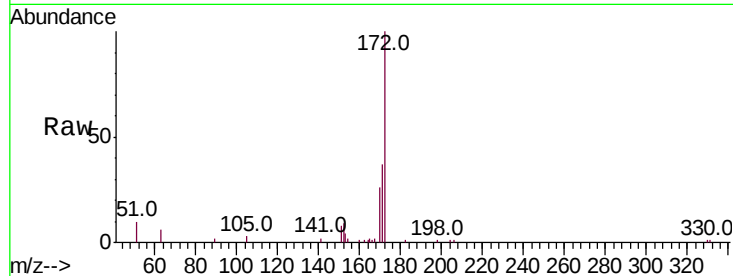




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.97 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

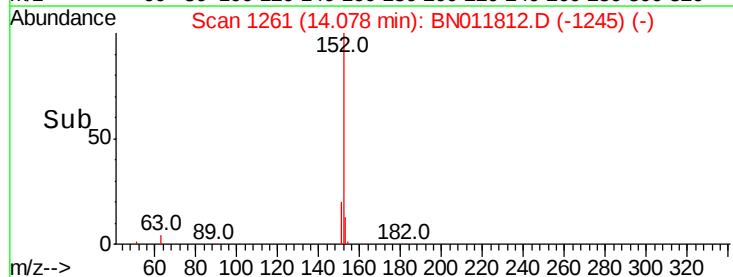
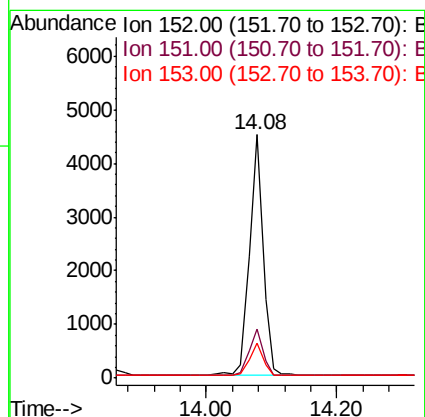
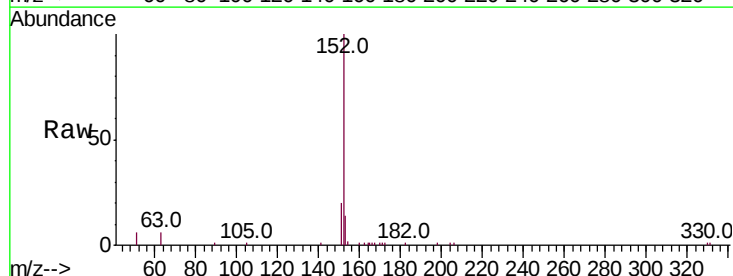
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

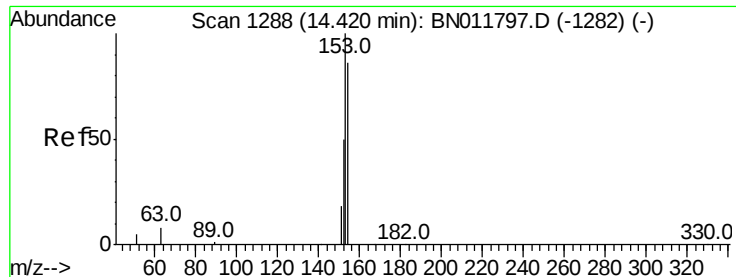
Tot Ion:172 Resp: 6115
Ion Ratio Lower Upper
172 100
171 37.4 27.4 41.2
170 26.0 17.8 26.6



#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.08 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

Tgt Ion:152 Resp: 6583
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.42 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

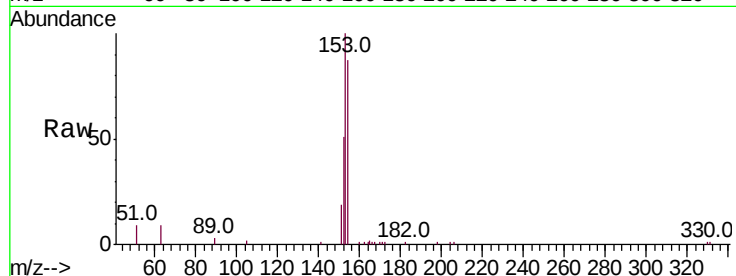
Tot Ion:154 Resp: 4683

Ion Ratio Lower Upper

154 100

153 107.8 83.4 125.2

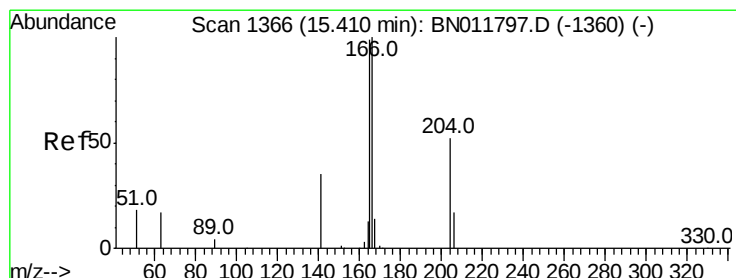
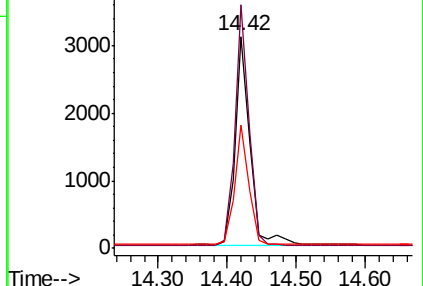
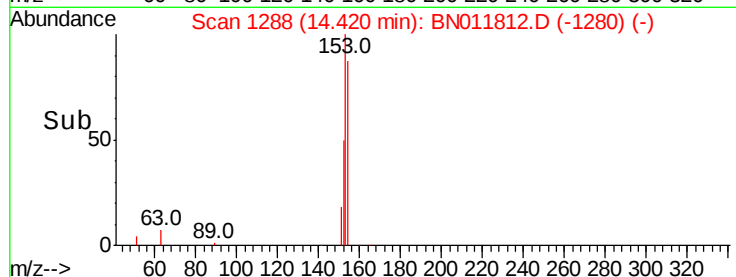
152 54.9 42.8 64.2



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: 0.369 ng

RT: 15.41 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

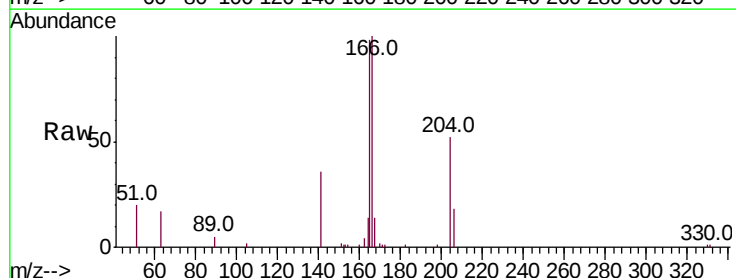
Tgt Ion:166 Resp: 5899

Ion Ratio Lower Upper

166 100

165 96.9 78.8 118.2

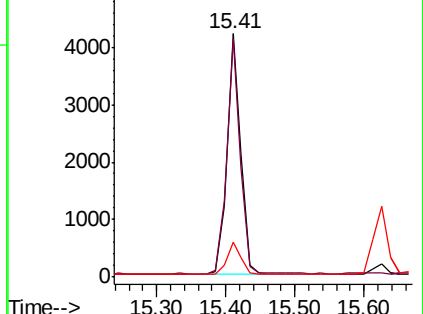
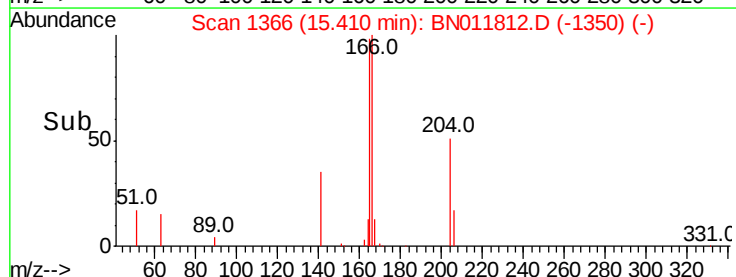
167 13.7 11.2 16.8

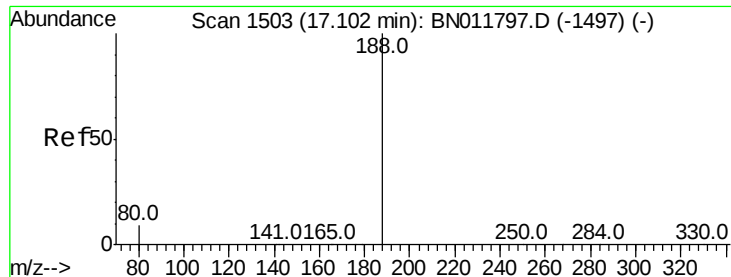


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

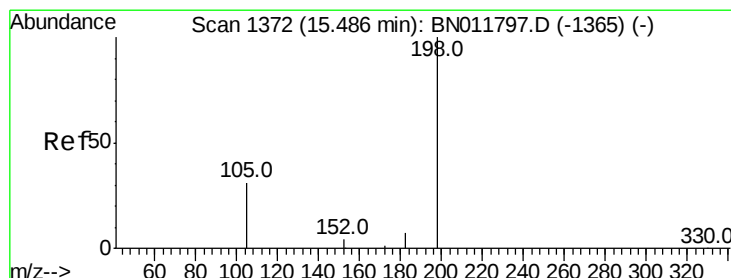
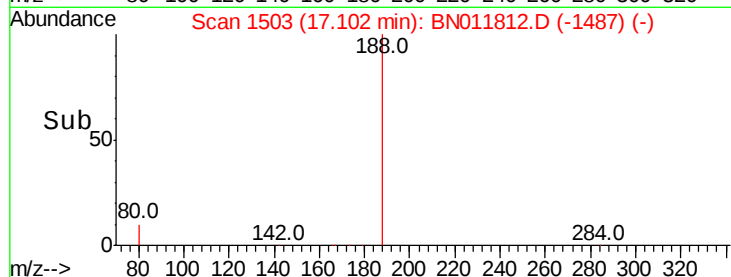
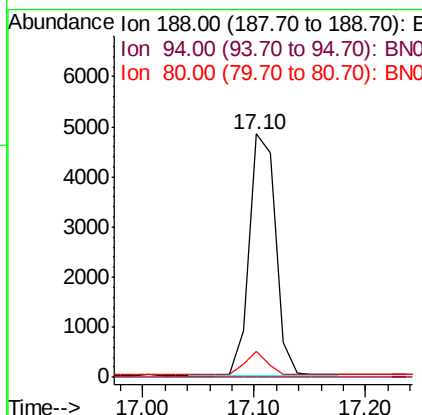
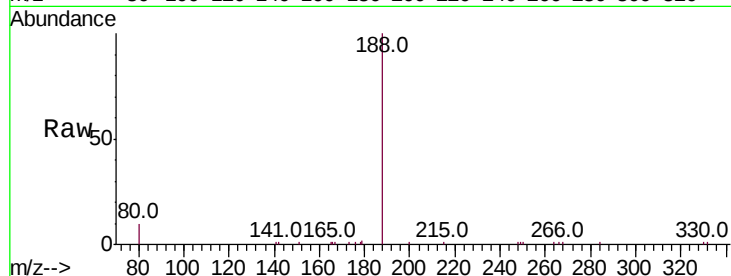




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.10 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

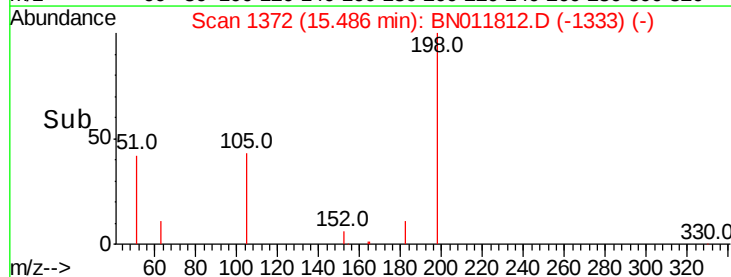
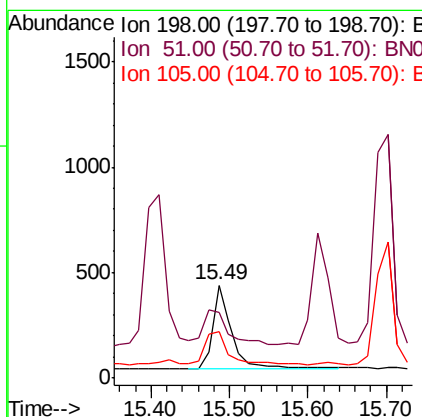
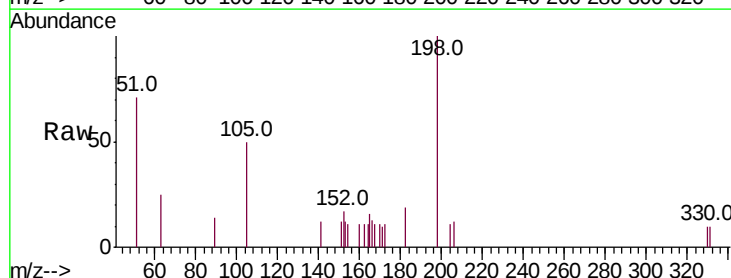
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

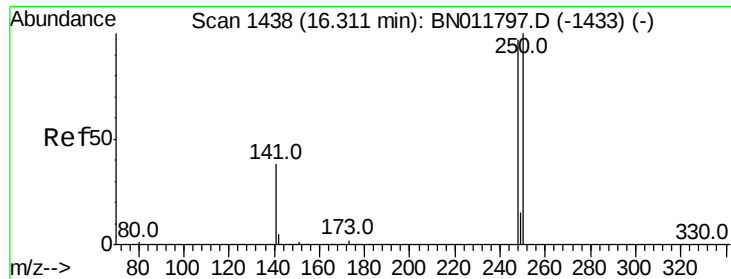
Tot Ion:188 Resp: 7955
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 7.7 11.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.361 ng
RT: 15.49 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

Tgt Ion:198 Resp: 646
Ion Ratio Lower Upper
198 100
51 71.1 45.0 67.4#
105 50.0 30.4 45.6#

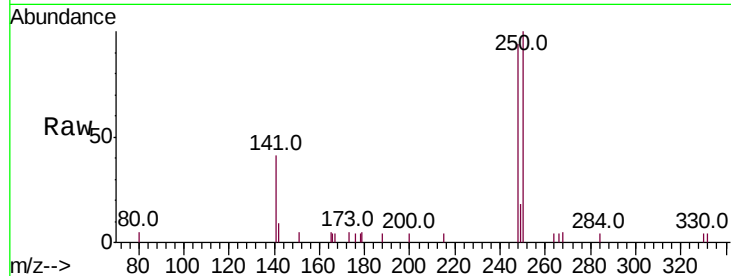




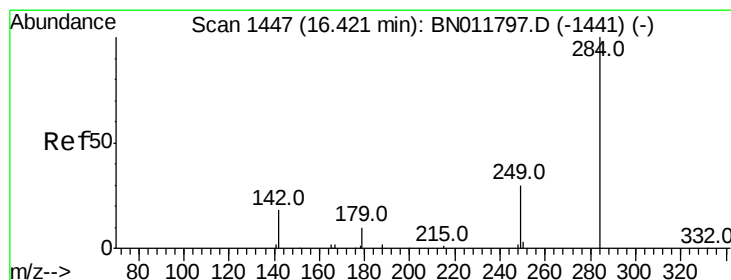
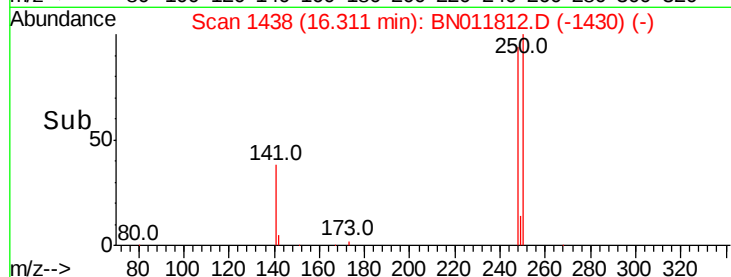
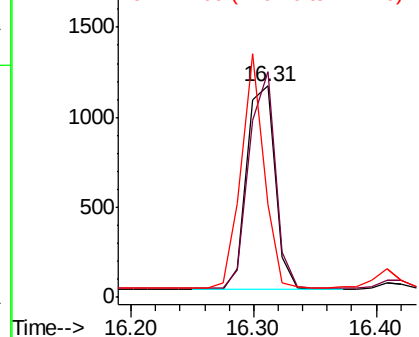
#21
4-Bromophenyl-phenylether
Concen: 0.360 ng
RT: 16.31 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:248 Resp: 1815
Ion Ratio Lower Upper
248 100
250 106.6 82.7 124.1
141 43.7 33.7 50.5

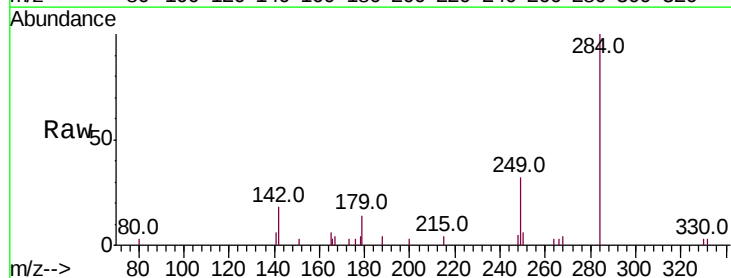


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

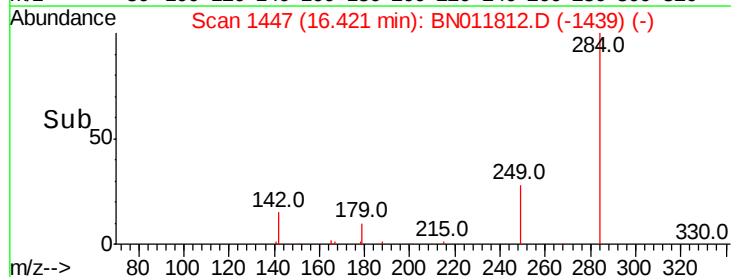
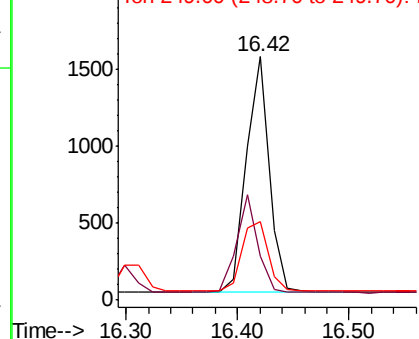


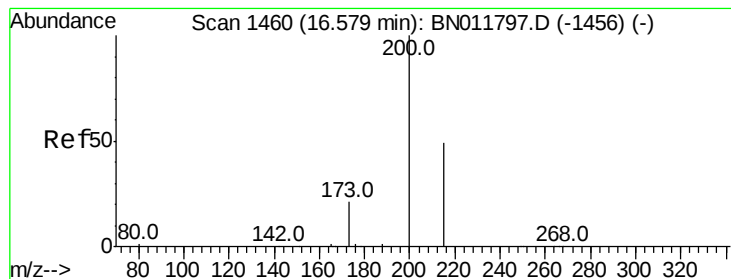
#22
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.42 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

Tgt Ion:284 Resp: 2193
Ion Ratio Lower Upper
284 100
142 38.6 32.4 48.6
249 33.9 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.378 ng

RT: 16.58 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

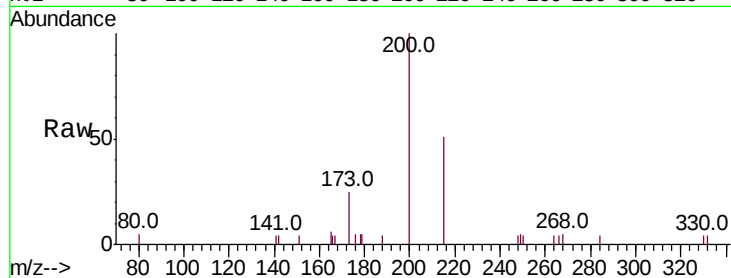
Tot Ion:200 Resp: 1756

Ion Ratio Lower Upper

200 100

173 24.7 18.7 28.1

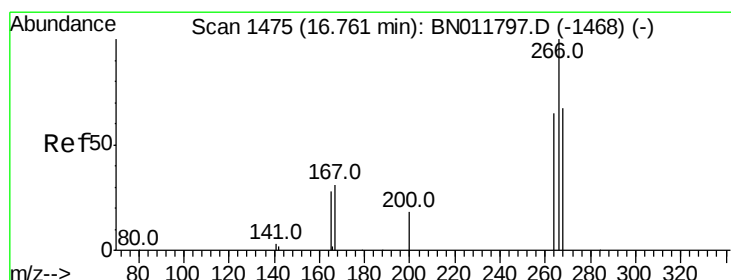
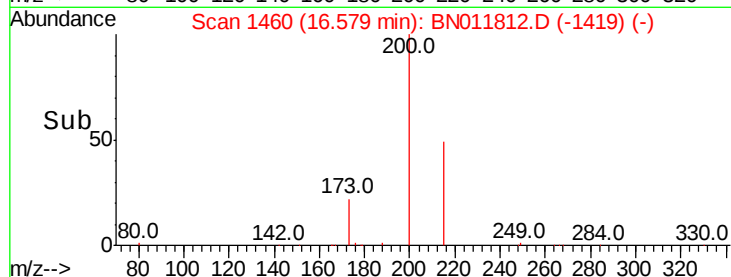
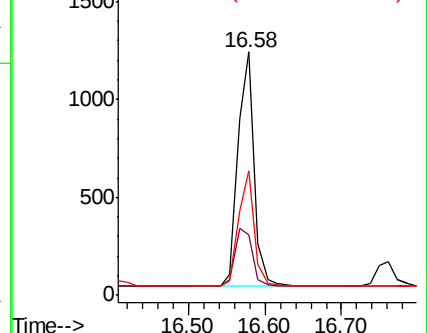
215 51.2 40.2 60.4



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: 0.480 ng

RT: 16.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

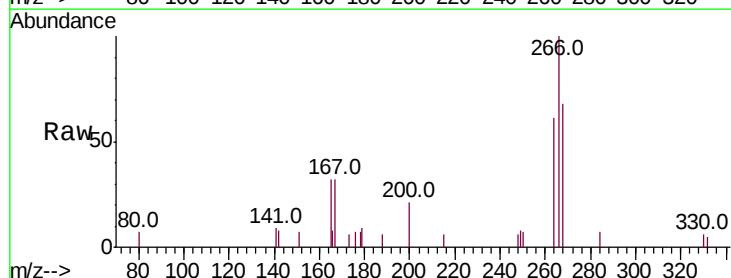
Tgt Ion:266 Resp: 1194

Ion Ratio Lower Upper

266 100

264 60.0 51.2 76.8

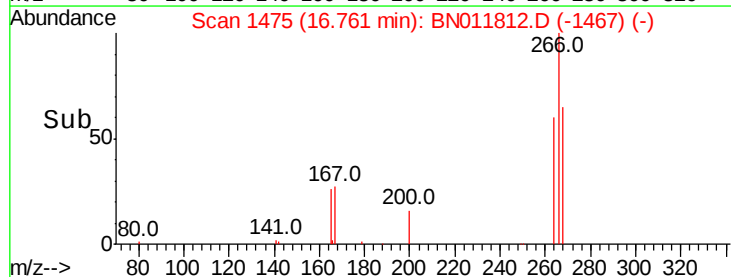
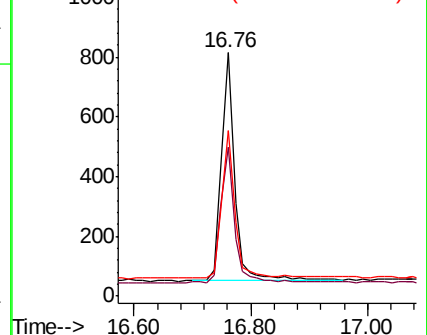
268 62.4 52.4 78.6

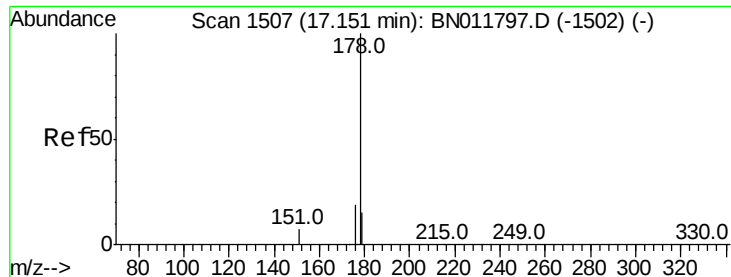


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.372 ng

RT: 17.15 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

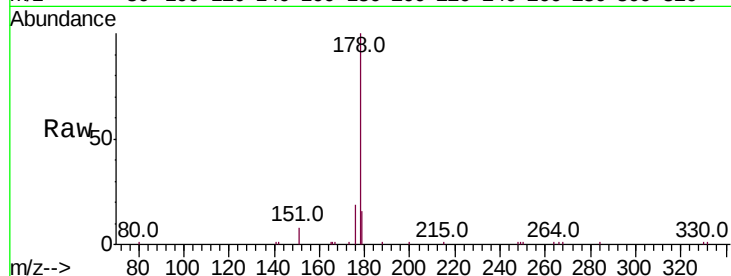
Tot Ion:178 Resp: 9645

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

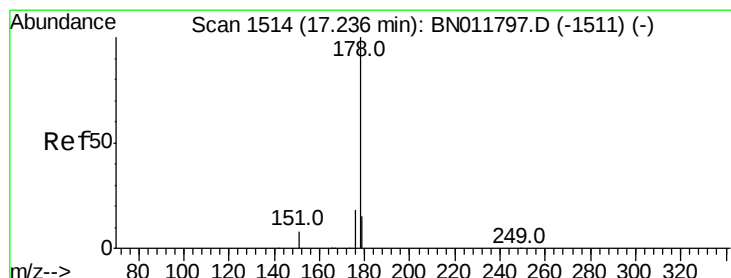
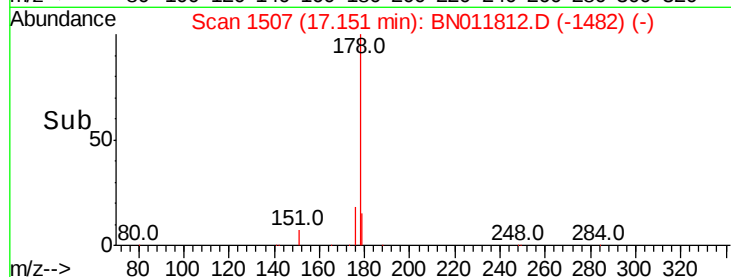
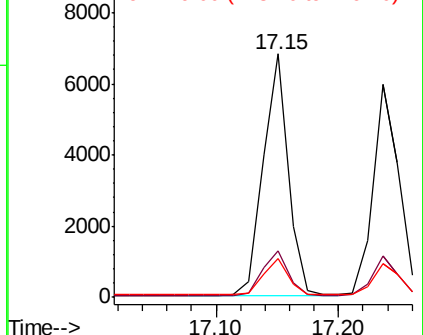
179 15.3 12.3 18.5



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: 0.382 ng

RT: 17.24 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

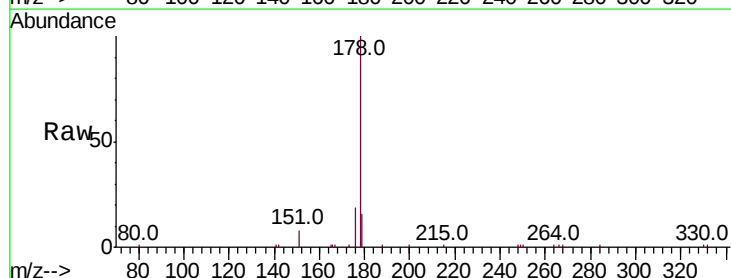
Tgt Ion:178 Resp: 8892

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

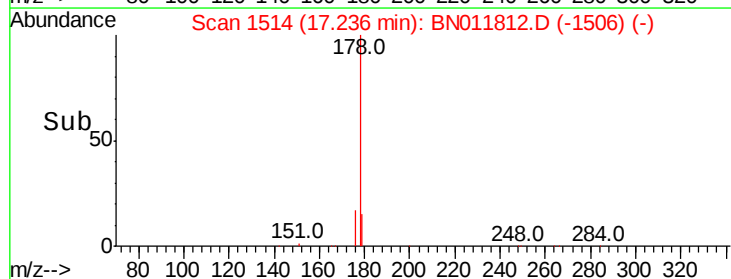
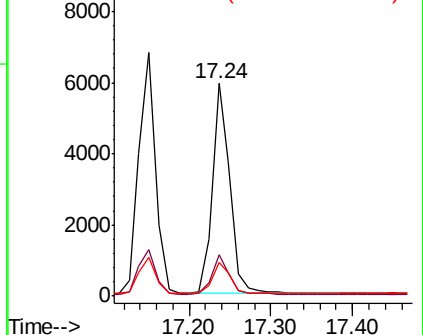
179 15.3 12.4 18.6

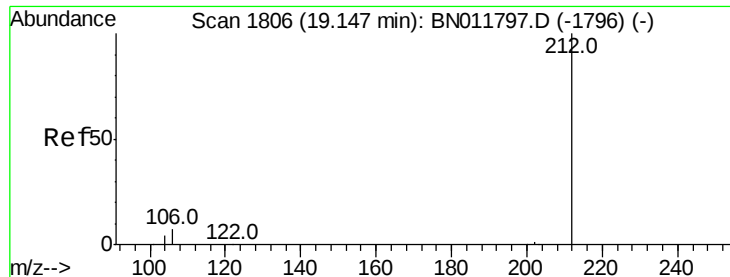


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

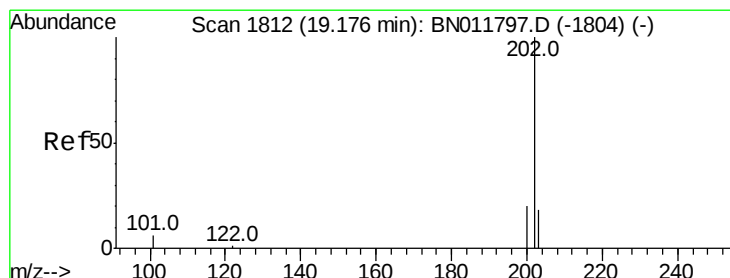
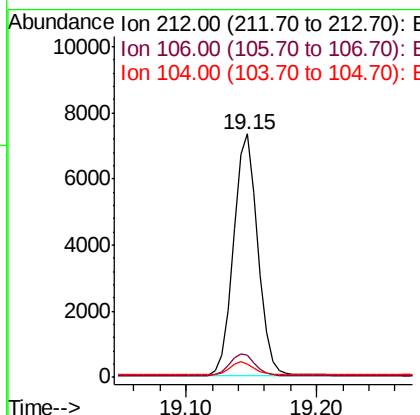
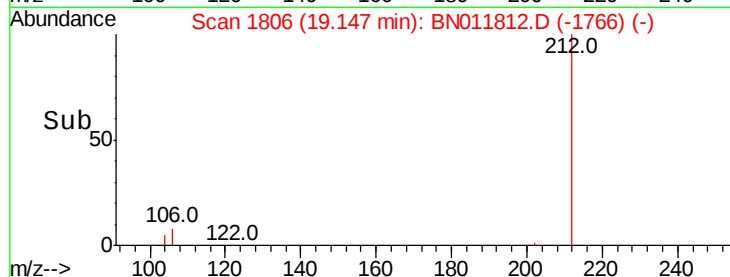
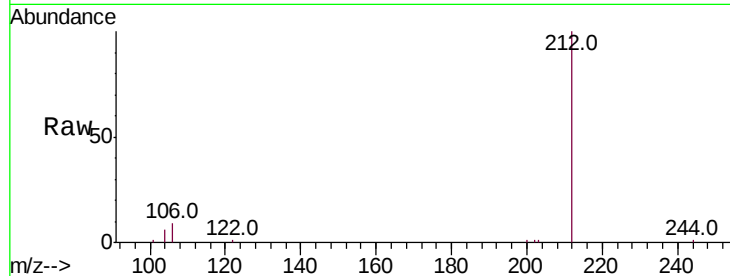




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.15 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

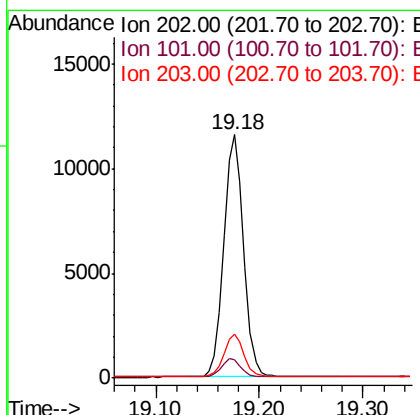
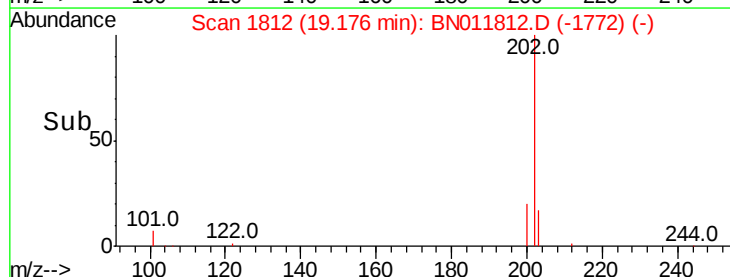
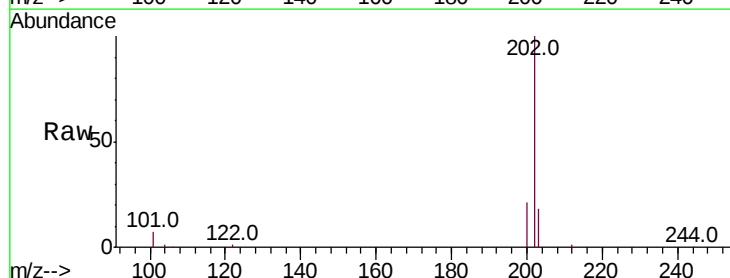
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

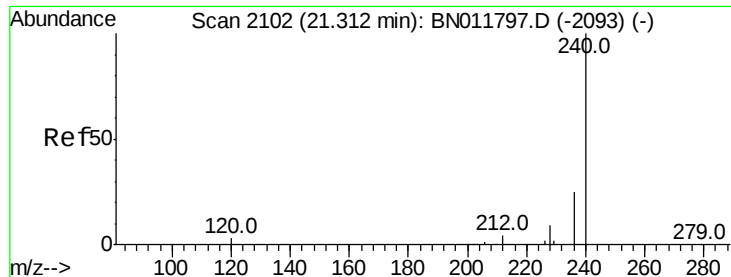
Tot Ion:212 Resp: 9527
Ion Ratio Lower Upper
212 100
106 9.1 6.4 9.6
104 5.5 3.9 5.9



#28
Fluoranthene
Concen: 0.470 ng
RT: 19.18 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

Tgt Ion:202 Resp: 15181
Ion Ratio Lower Upper
202 100
101 7.8 5.4 8.2
203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

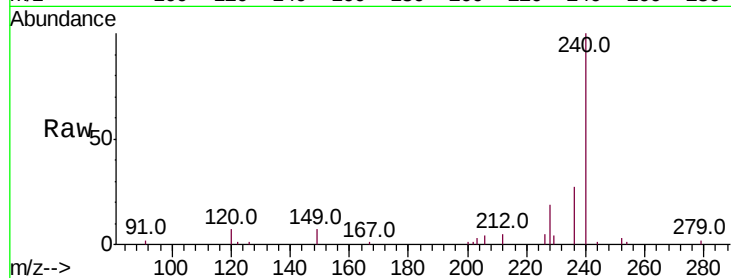
Tot Ion:240 Resp: 11134

Ion Ratio Lower Upper

240 100

120 6.9 3.5 5.3#

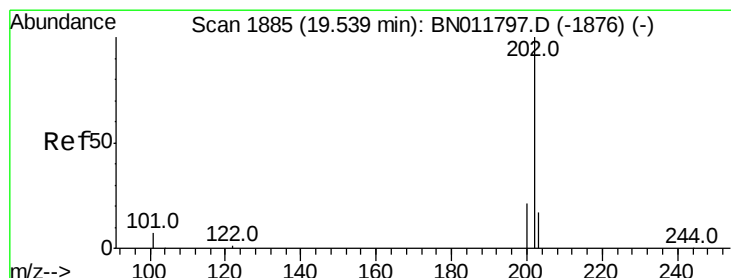
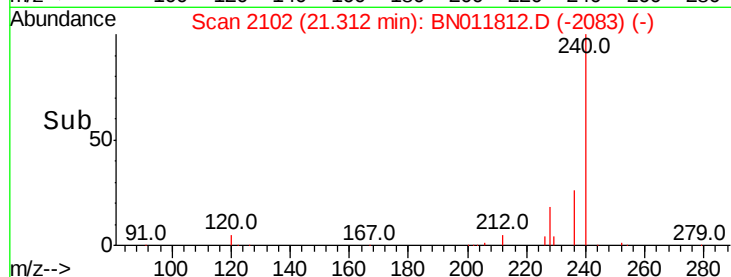
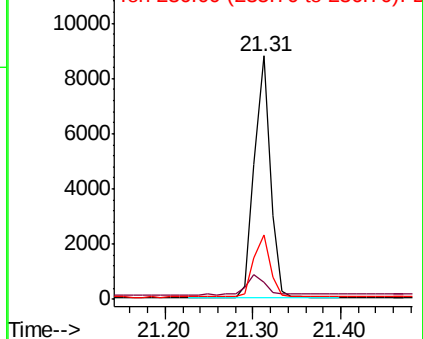
236 26.6 20.5 30.7



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: 0.401 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

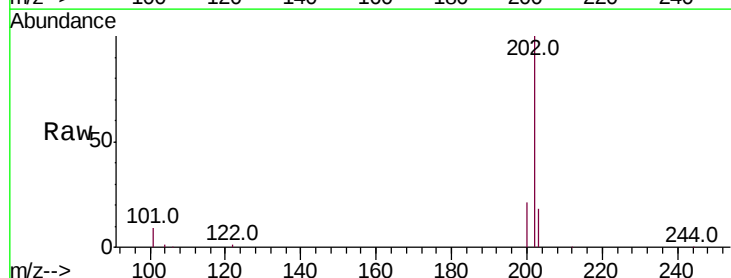
Tgt Ion:202 Resp: 15820

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

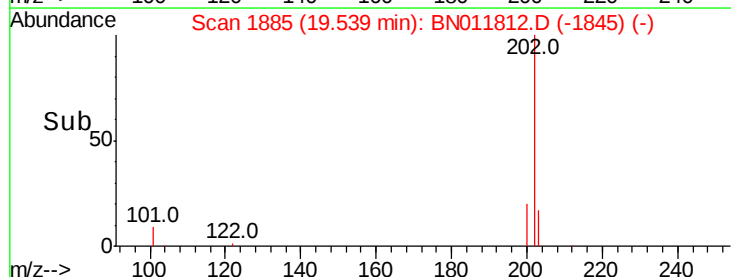
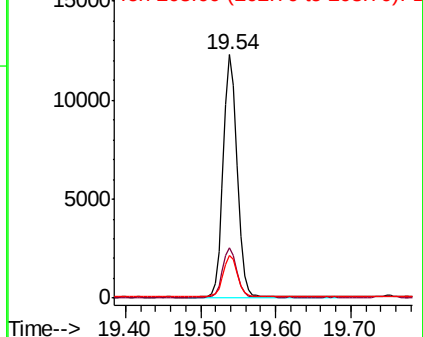
203 17.5 13.9 20.9

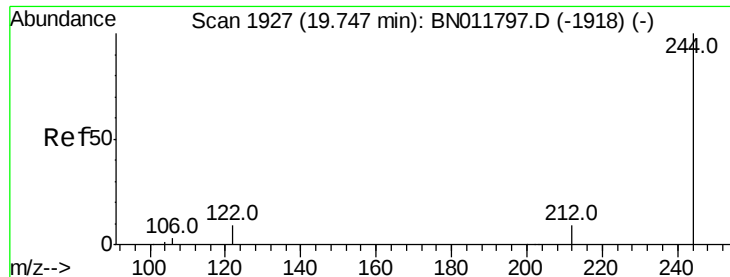


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.625 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

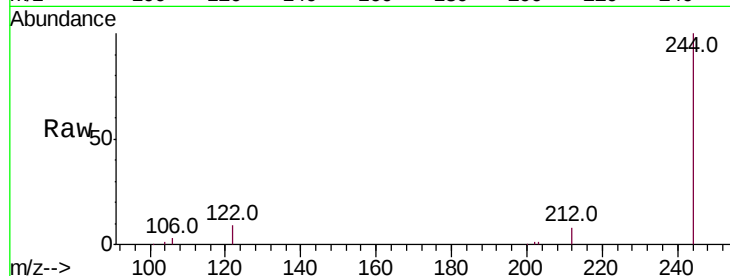
Tot Ion:244 Resp: 18912

Ion Ratio Lower Upper

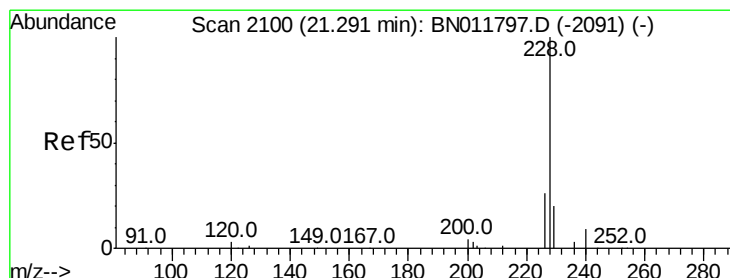
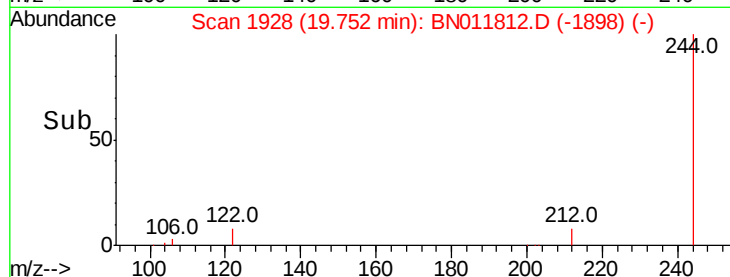
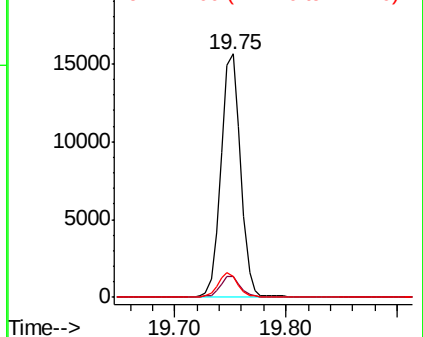
244 100

212 8.5 7.3 10.9

122 8.6 7.8 11.6



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: 0.454 ng

RT: 21.29 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

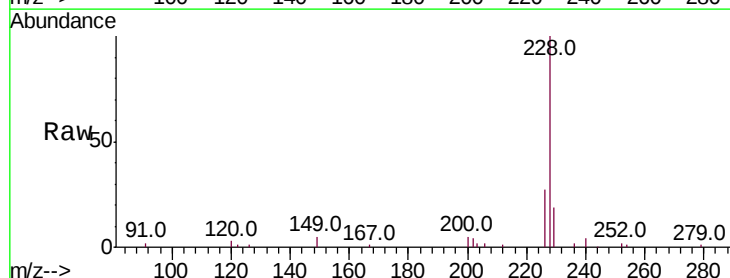
Tgt Ion:228 Resp: 18434

Ion Ratio Lower Upper

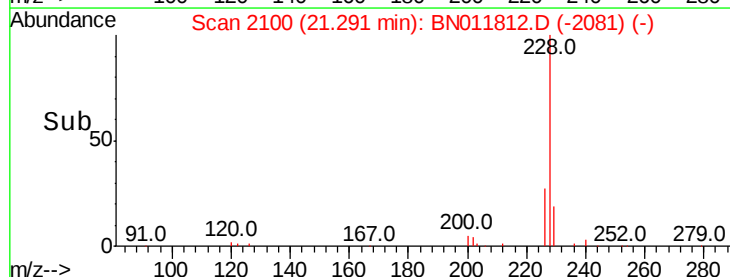
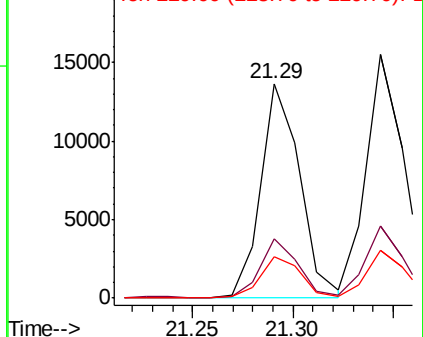
228 100

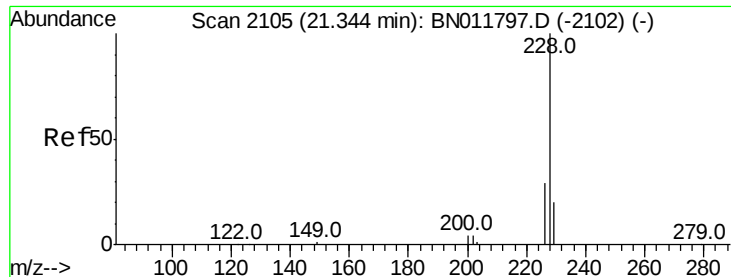
226 27.4 21.0 31.4

229 19.2 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: 0.461 ng

RT: 21.34 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

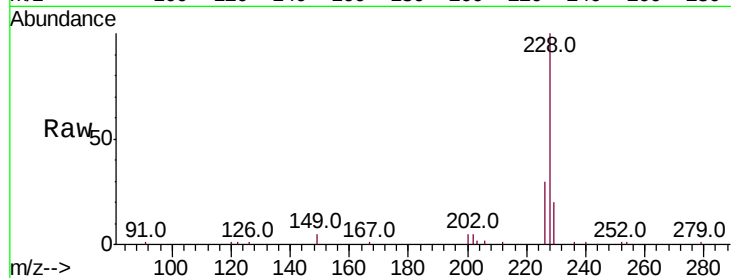
Tot Ion:228 Resp: 19596

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.3	34.9
229	19.6	15.8	23.8

228 100

226 29.6 23.3 34.9

229 19.6 15.8 23.8

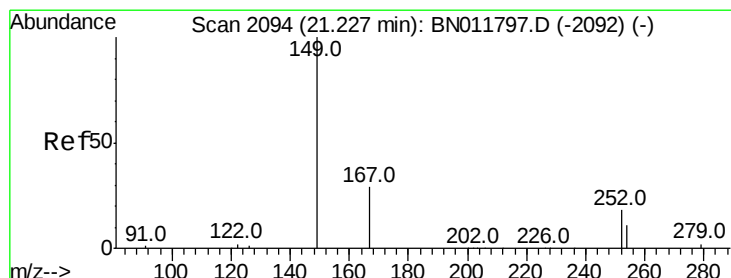
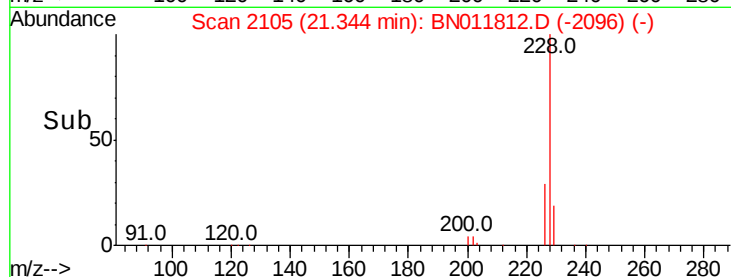
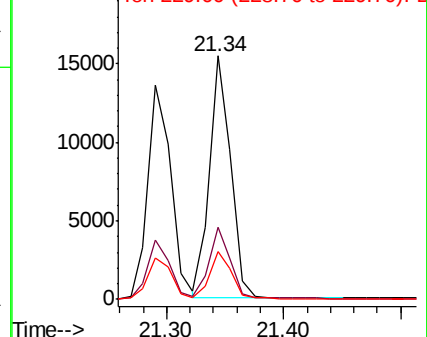


Abundance

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: 0.413 ng

RT: 21.24 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

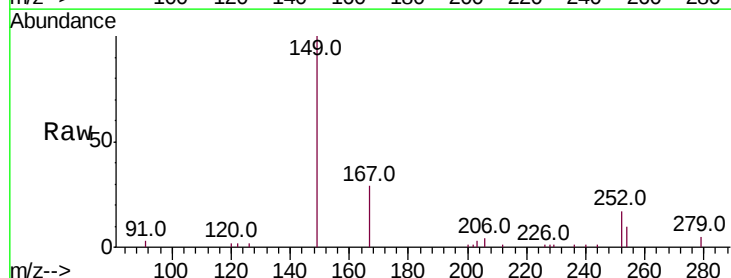
Tgt Ion:149 Resp: 7505

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.6	35.4
279	4.5	4.0	6.0

149 100

167 29.3 23.6 35.4

279 4.5 4.0 6.0

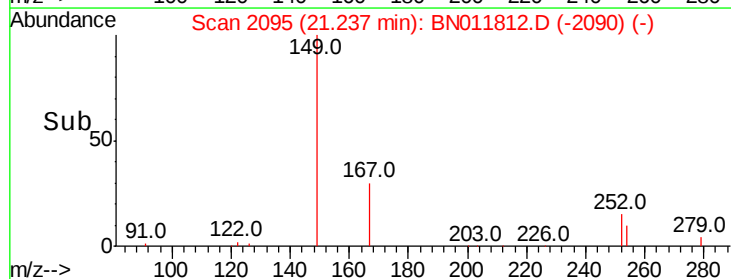
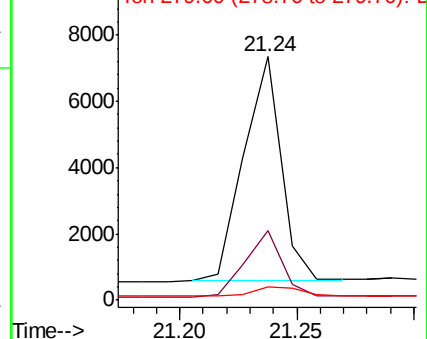


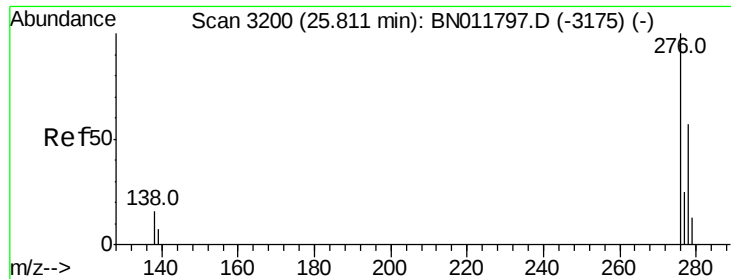
Abundance

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: 0.466 ng

RT: 25.82 min Scan# 3202

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

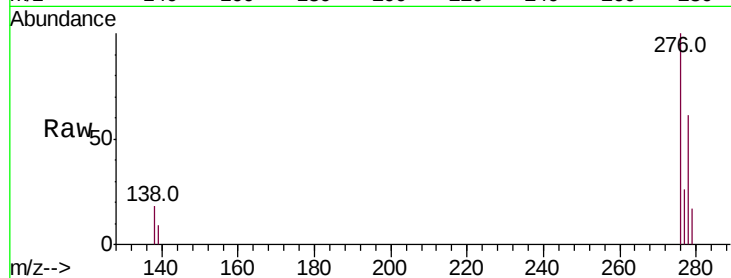
Tot Ion:276 Resp: 26011

Ion Ratio Lower Upper

276 100

138 17.4 13.0 19.4

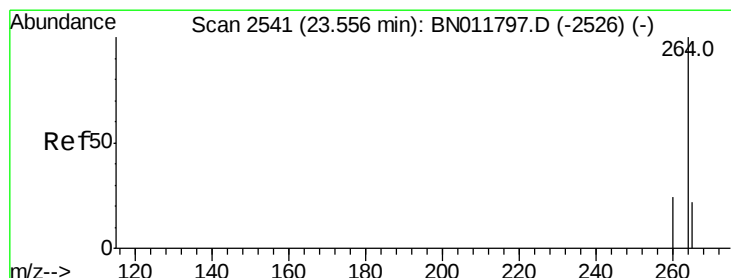
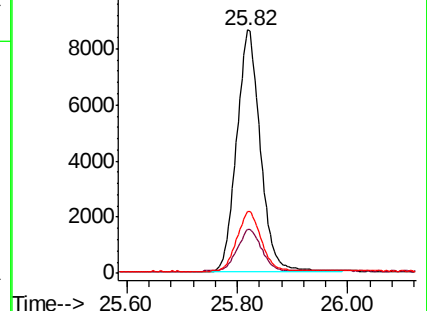
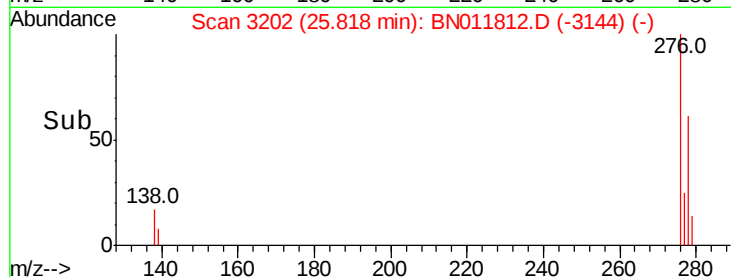
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.56 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

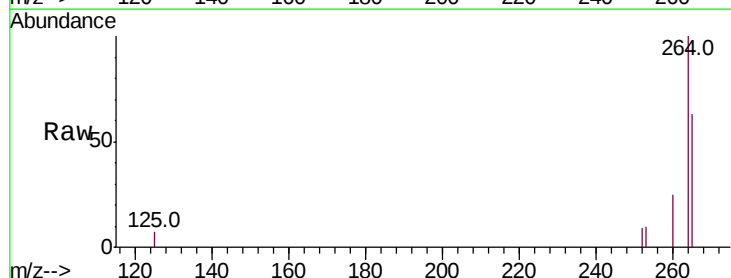
Tgt Ion:264 Resp: 11330

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

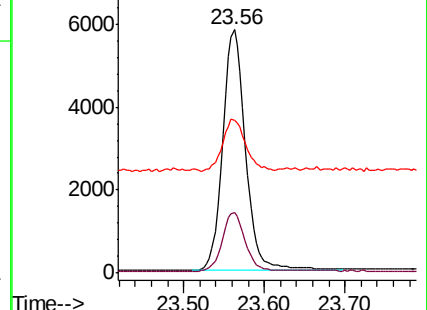
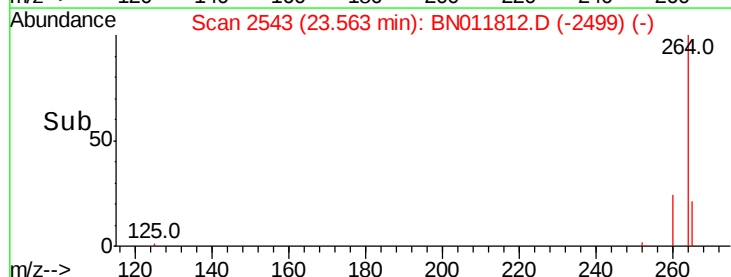
265 62.9 38.6 58.0#

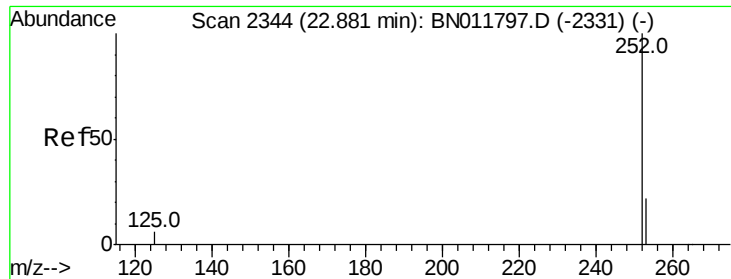


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

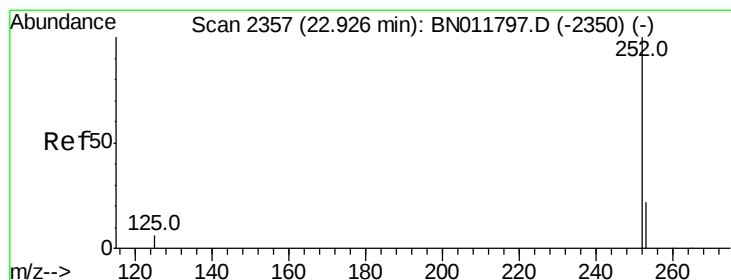
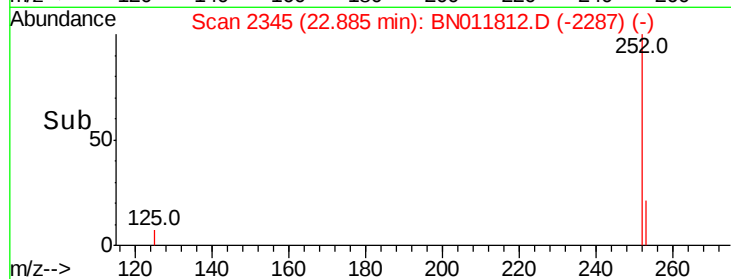
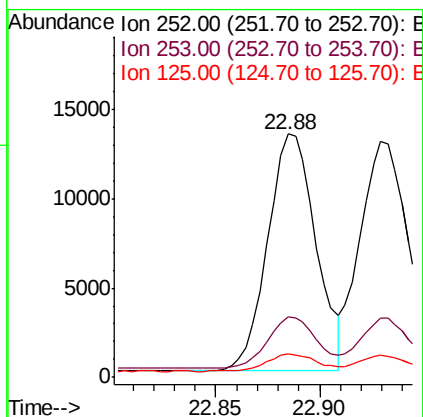
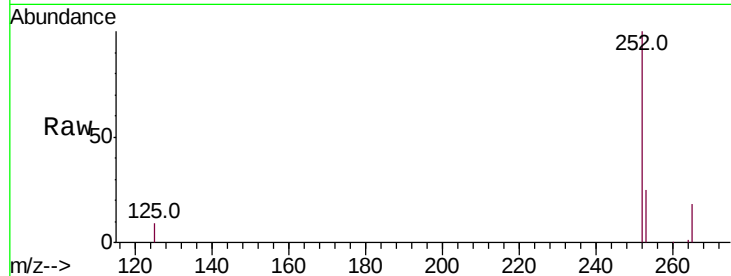




#37
Benzo(b)fluoranthene
Concen: 0.457 ng
RT: 22.88 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

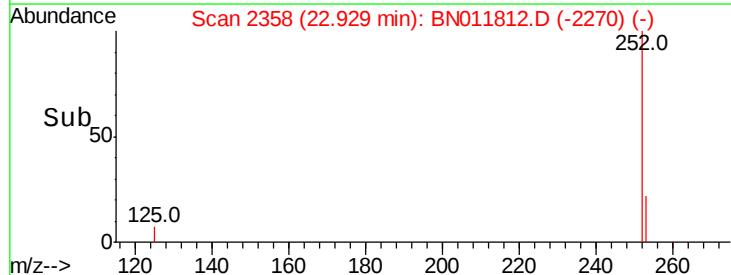
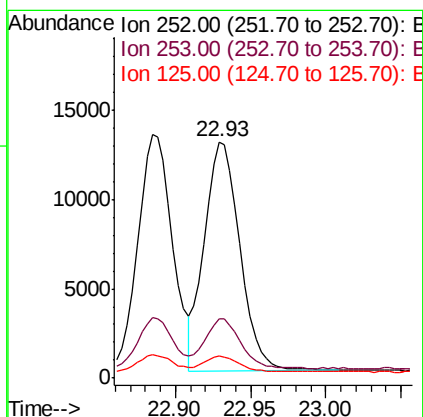
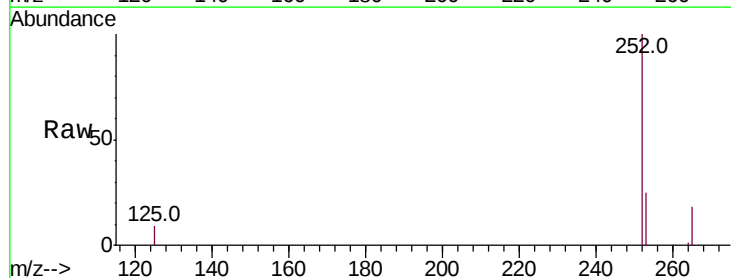
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

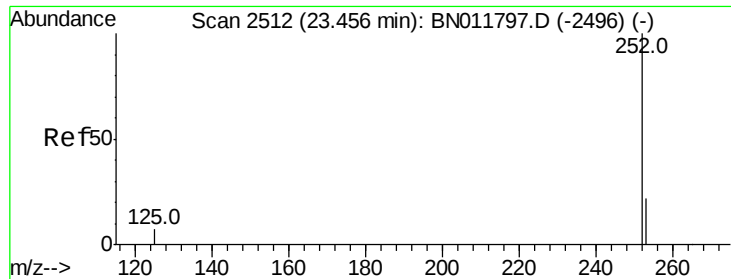
Tot Ion:252 Resp: 21370
Ion Ratio Lower Upper
252 100
253 24.8 19.1 28.7
125 9.4 6.2 9.2#



#38
Benzo(k)fluoranthene
Concen: 0.450 ng
RT: 22.93 min Scan# 2358
Delta R.T. 0.00 min
Lab File: BN011812.D
Acq: 16 Sep 2020 11:32

Tgt Ion:252 Resp: 21076
Ion Ratio Lower Upper
252 100
253 25.1 19.3 28.9
125 9.3 6.0 9.0#





#39

Benzo(a)pyrene

Concen: 0.442 ng

RT: 23.46 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

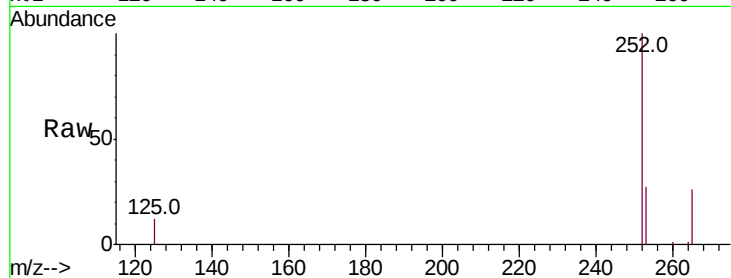
Tot Ion:252 Resp: 18127

Ion Ratio Lower Upper

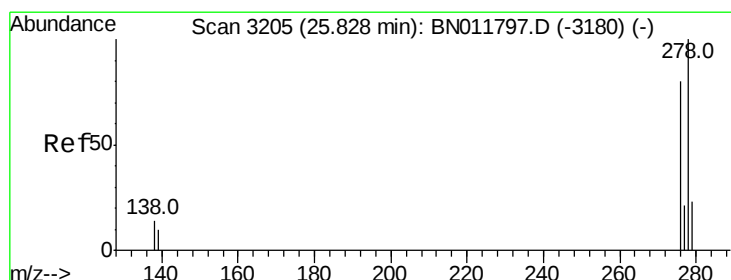
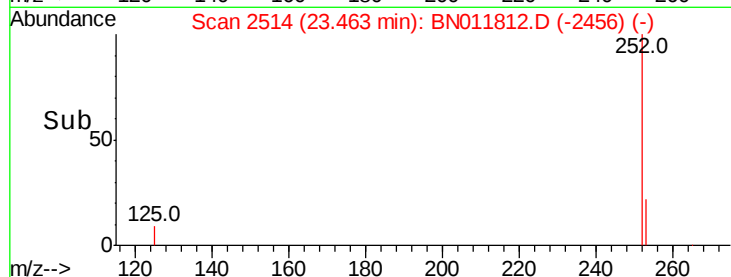
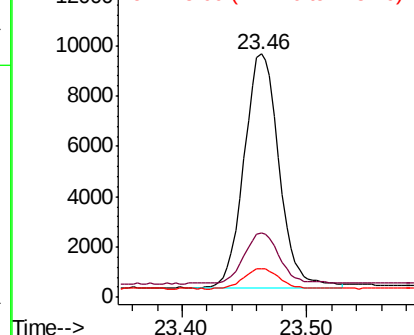
252 100

253 26.6 19.8 29.6

125 12.0 7.3 10.9#



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: 0.463 ng

RT: 25.84 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

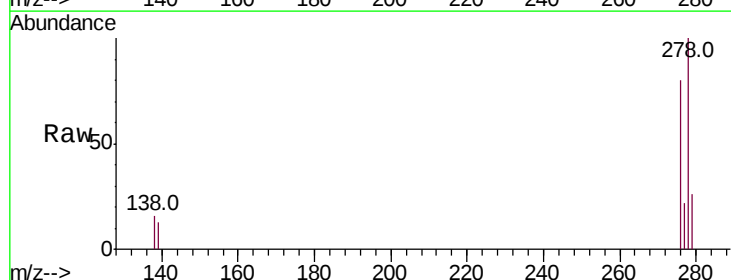
Tgt Ion:278 Resp: 21951

Ion Ratio Lower Upper

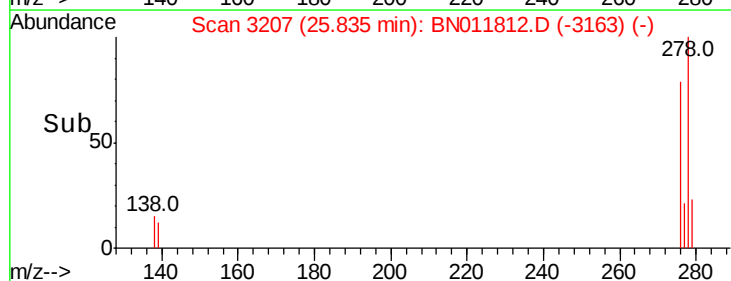
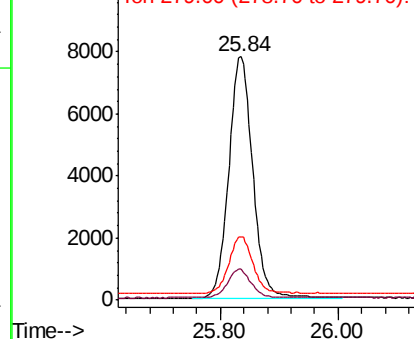
278 100

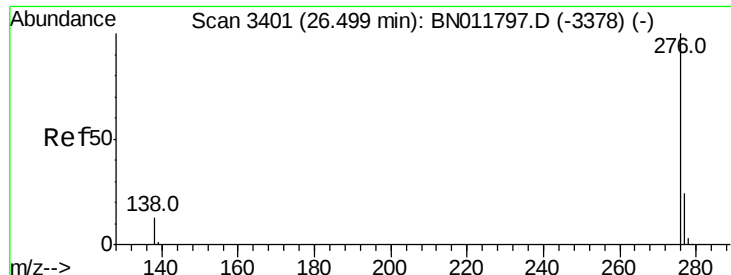
139 12.7 8.6 13.0

279 25.9 19.8 29.8



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: 0.467 ng

RT: 26.51 min Scan# 3404

Delta R.T. 0.00 min

Lab File: BN011812.D

Acq: 16 Sep 2020 11:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

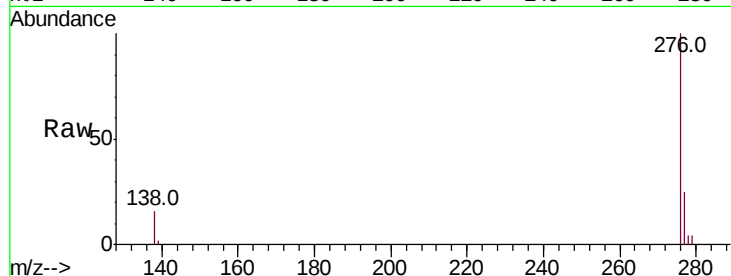
Tot Ion:276 Resp: 22115

Ion Ratio Lower Upper

276 100

277 25.4 19.4 29.0

138 16.2 11.3 16.9



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

