

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
 Data File : BN011657.D
 Acq On : 27 Aug 2020 10:50
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Aug 27 11:25:39 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 Aug 27 11:24:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2502	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	9518	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	5701	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	12372	0.40	ng	0.00
29) Chrysene-d12	21.32	240	13252	0.40	ng	0.00
36) Perylene-d12	23.59	264	14672	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2653	0.33	ng	0.00
5) Phenol-d6	6.91	99	3531	0.31	ng	0.00
8) Nitrobenzene-d5	8.88	82	3368	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	6197	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	975	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	8773	0.40	ng	0.00
27) Fluoranthene-d10	19.17	212	14274	0.35	ng	0.00
31) Terphenyl-d14	19.77	244	12333	0.36	ng	0.00

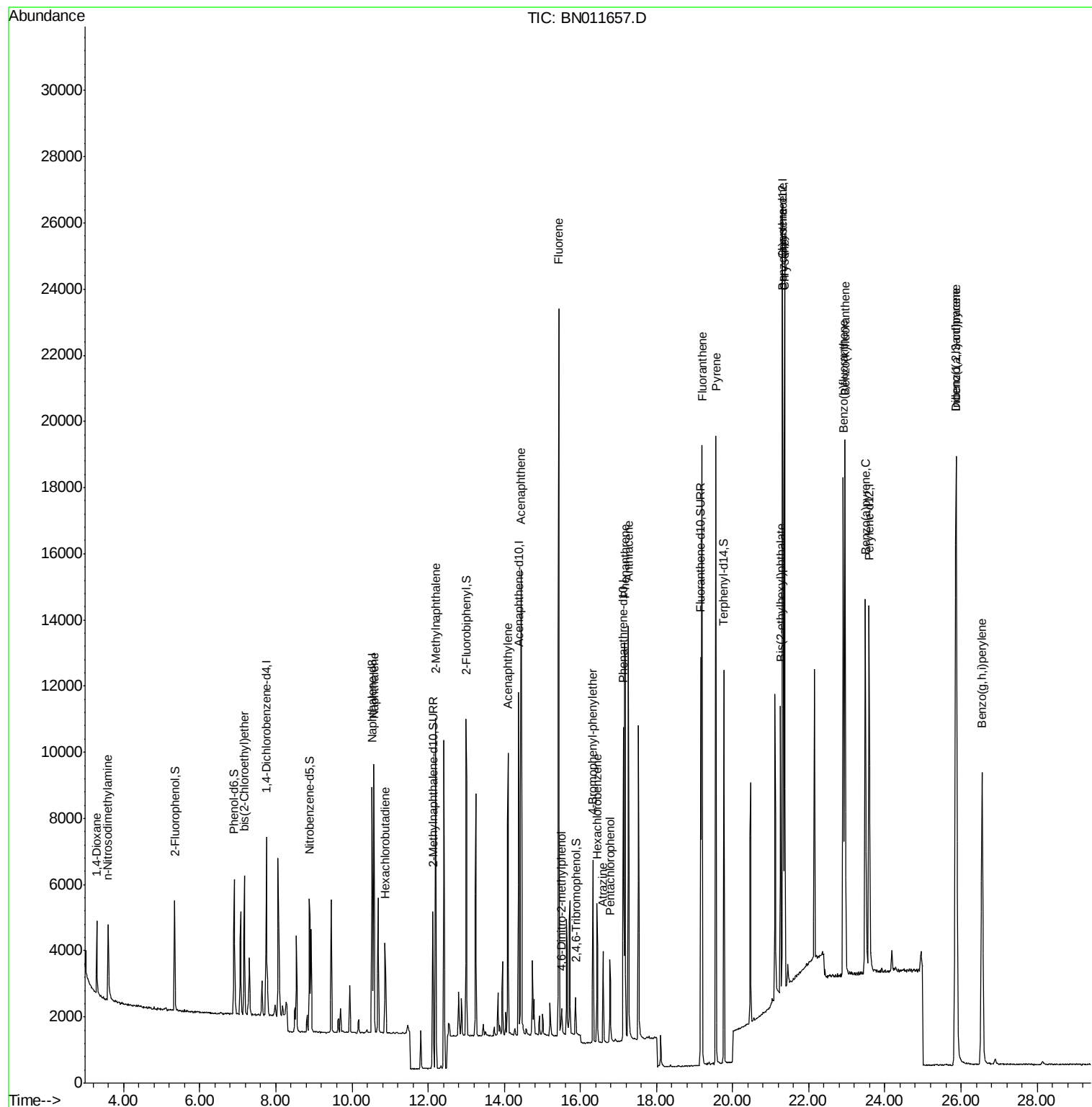
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1460	0.376	ng	100
3) n-Nitrosodimethylamine	3.59	42	1844	0.451	ng	100
6) bis(2-Chloroethyl)ether	7.17	93	2897	0.361	ng	100
9) Naphthalene	10.58	128	10014	0.370	ng	100
10) Hexachlorobutadiene	10.87	225	2178	0.384	ng	# 100
12) 2-Methylnaphthalene	12.20	142	6994	0.350	ng	100
16) Acenaphthylene	14.10	152	9845	0.328	ng	100
17) Acenaphthene	14.45	154	6838	0.359	ng	100
18) Fluorene	15.44	166	8797	0.357	ng	100
20) 4,6-Dinitro-2-methylphenol	15.51	198	657	0.461	ng	100
21) 4-Bromophenyl-phenylether	16.32	248	2623	0.363	ng	100
22) Hexachlorobenzene	16.43	284	3246	0.389	ng	100
23) Atrazine	16.59	200	2286	0.321	ng	100
24) Pentachlorophenol	16.77	266	1299	0.353	ng	100
25) Phenanthrene	17.16	178	14320	0.373	ng	100
26) Anthracene	17.26	178	12745	0.337	ng	100
28) Fluoranthene	19.20	202	16951	0.364	ng	100
30) Pyrene	19.56	202	17195	0.366	ng	100
32) Benzo(a)anthracene	21.31	228	17380	0.364	ng	100
33) Chrysene	21.36	228	18288	0.401	ng	100
34) Bis(2-ethylhexyl)phthalate	21.26	149	6947	0.204	ng	100
35) Indeno(1,2,3-cd)pyrene	25.86	276	24319	0.437	ng	100
37) Benzo(b)fluoranthene	22.91	252	19261	0.362	ng	100
38) Benzo(k)fluoranthene	22.95	252	20517	0.388	ng	100
39) Benzo(a)pyrene	23.49	252	17249	0.348	ng	100
40) Dibenzo(a,h)anthracene	25.88	278	20146	0.389	ng	100
41) Benzo(g,h,i)perylene	26.55	276	19462	0.387	ng	100

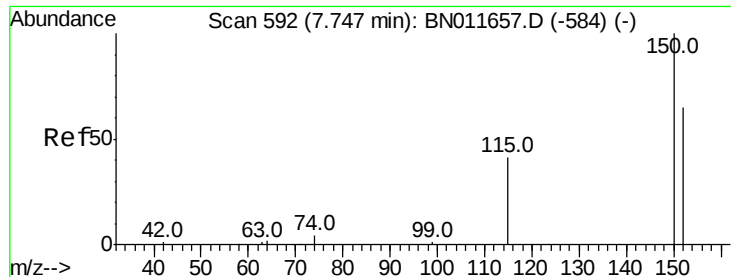
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 27 11:25:39 2020
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QLast Update : Thu Aug 27 11:24:00 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.75 min Scan# 592

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

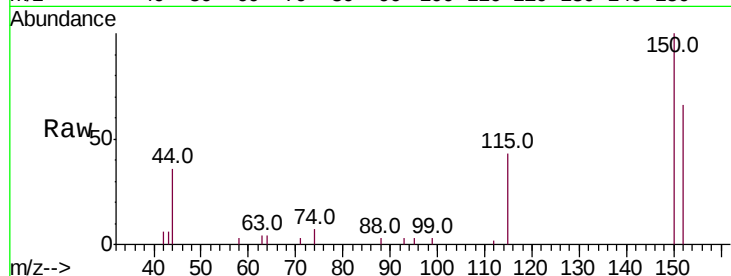
Tot Ion:152 Resp: 2502

Ion Ratio Lower Upper

152 100

150 151.3 121.0 181.6

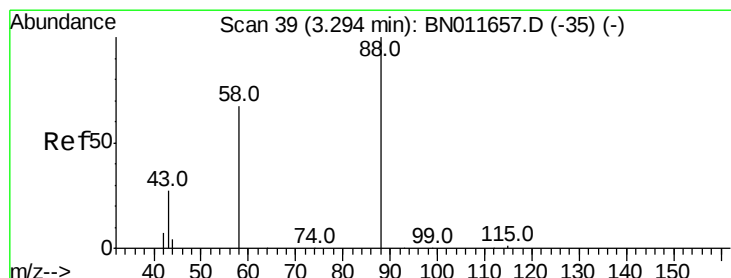
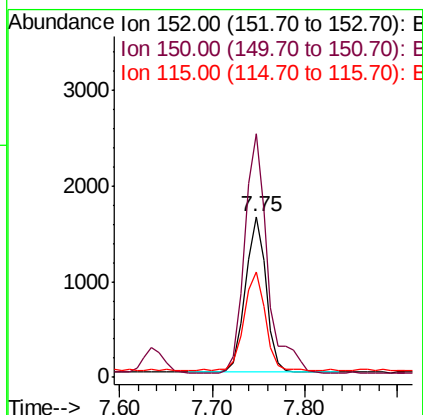
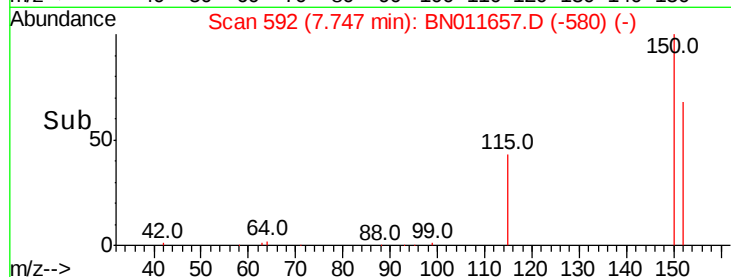
115 65.7 52.6 78.8



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: 0.376 ng

RT: 3.29 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

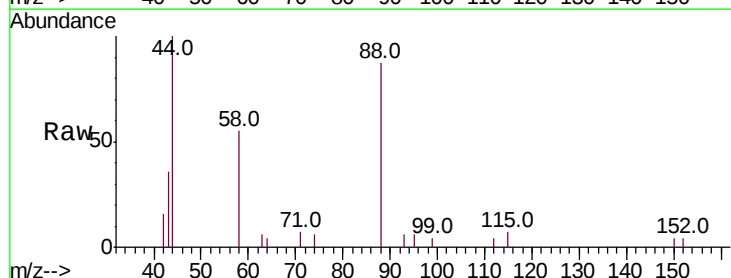
Tgt Ion: 88 Resp: 1460

Ion Ratio Lower Upper

88 100

58 76.7 61.4 92.0

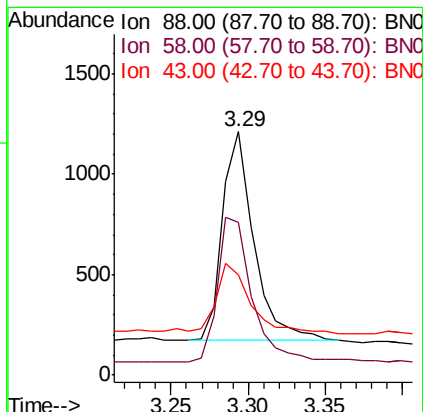
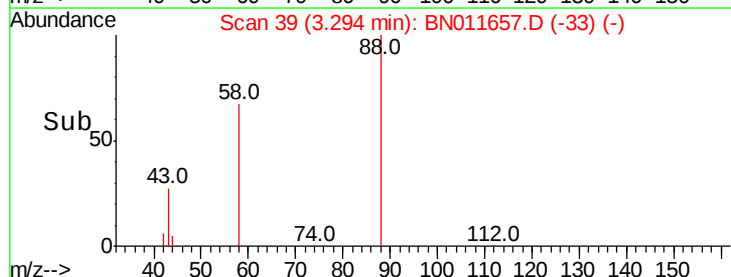
43 37.3 29.8 44.8

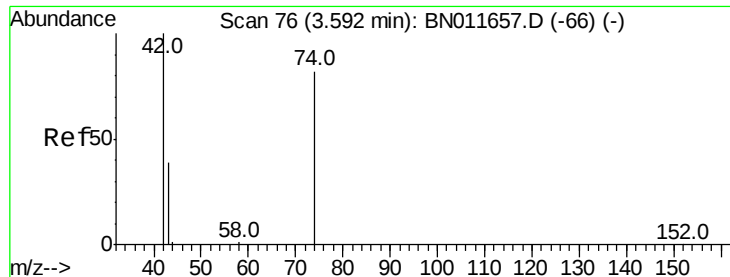


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

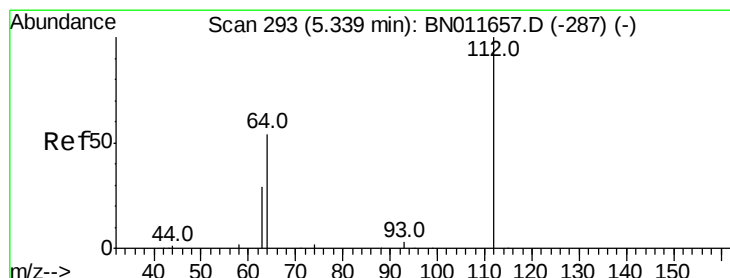
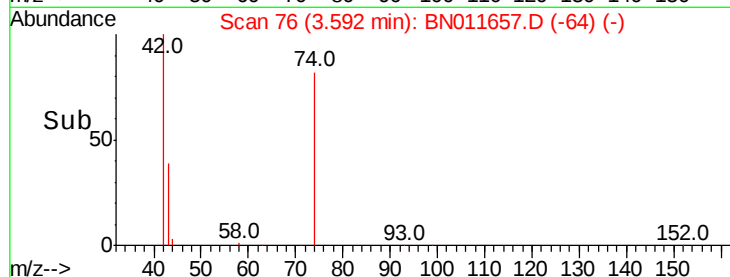
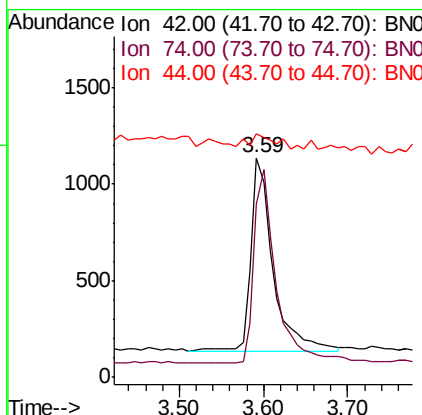
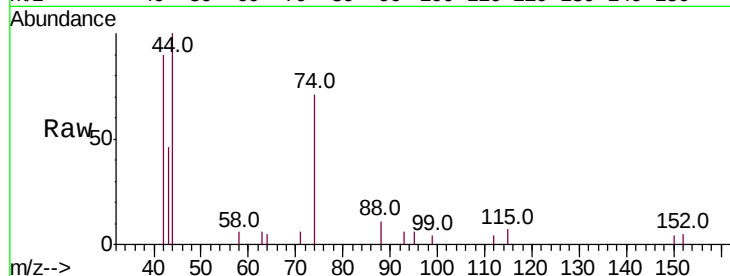




#3
 n-Nitrosodimethylamine
 Concen: 0.451 ng
 RT: 3.59 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BN011657.D
 Acq: 27 Aug 2020 10:50

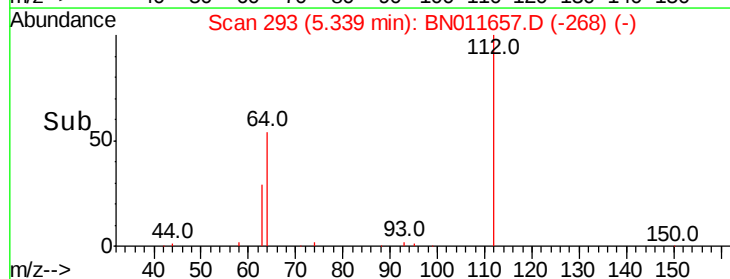
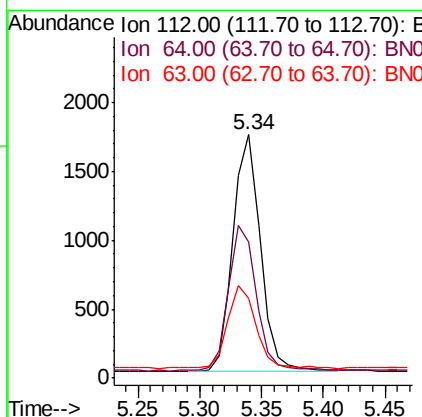
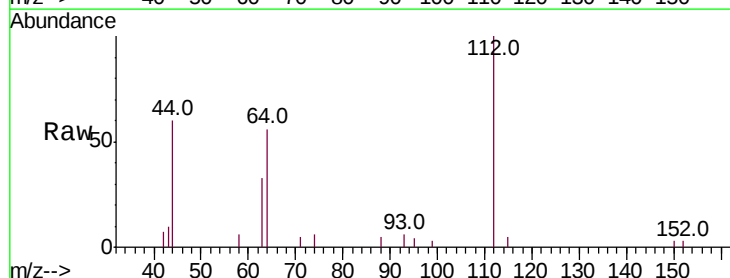
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

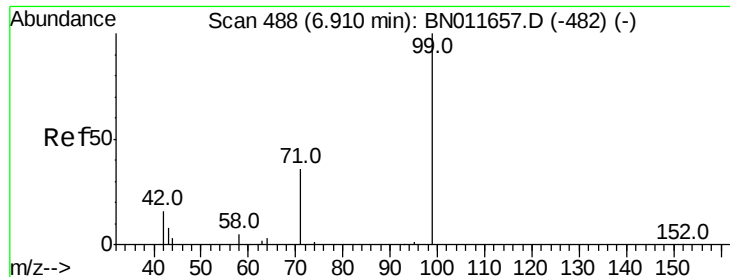
Tot Ion: 42 Resp: 1844
 Ion Ratio Lower Upper
 42 100
 74 98.8 79.0 118.6
 44 10.1 8.1 12.1



#4
 2-Fluorophenol
 Concen: 0.332 ng
 RT: 5.34 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BN011657.D
 Acq: 27 Aug 2020 10:50

Tgt Ion: 112 Resp: 2653
 Ion Ratio Lower Upper
 112 100
 64 62.1 49.7 74.5
 63 36.7 29.4 44.0





#5

Phenol-d6

Concen: 0.312 ng

RT: 6.91 min Scan# 488

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

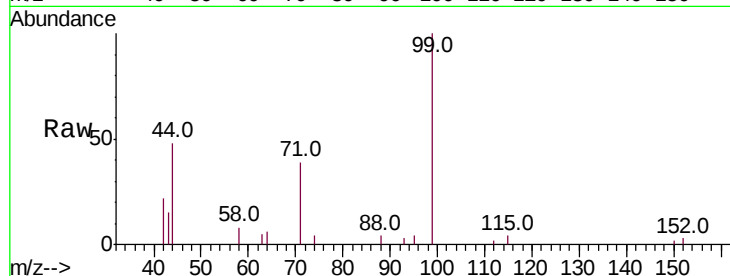
Tot Ion: 99 Resp: 3531

Ion Ratio Lower Upper

99 100

42 25.2 20.2 30.2

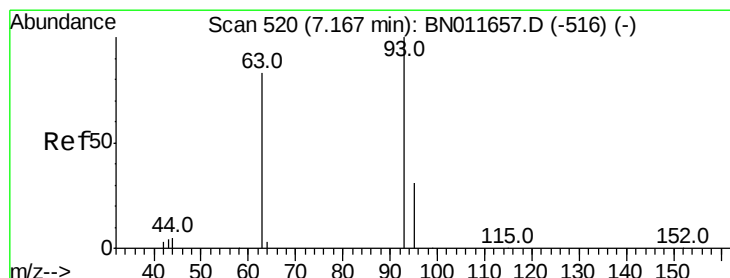
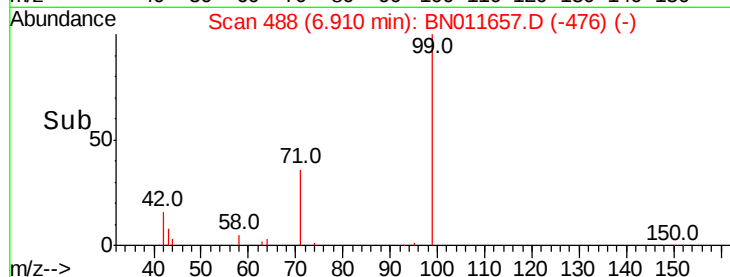
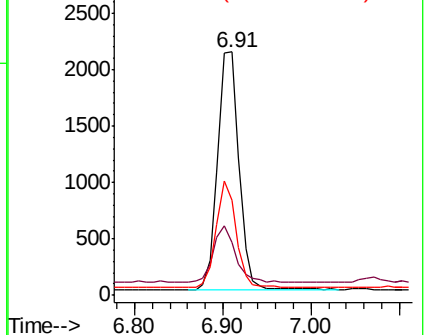
71 41.6 33.3 49.9



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

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

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



#6

bis(2-Chloroethyl)ether

Concen: 0.361 ng

RT: 7.17 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

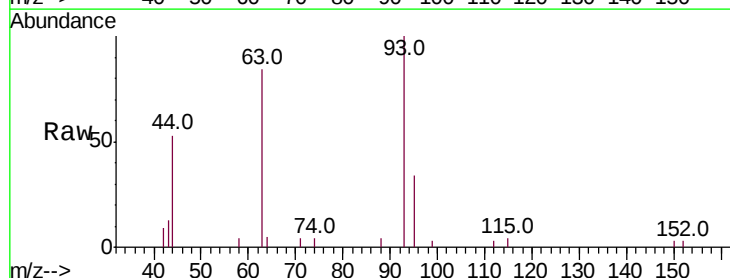
Tgt Ion: 93 Resp: 2897

Ion Ratio Lower Upper

93 100

63 77.8 62.2 93.4

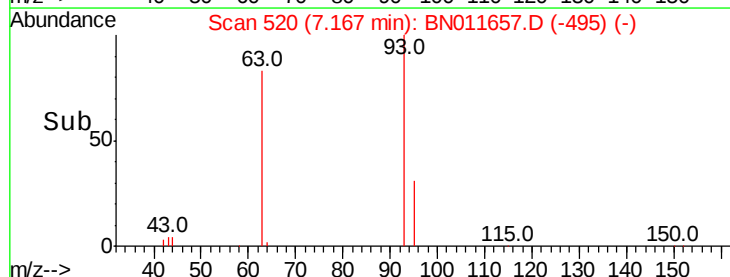
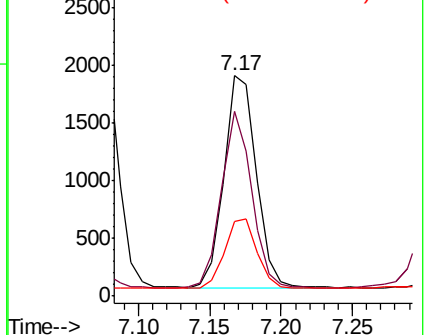
95 33.2 26.6 39.8

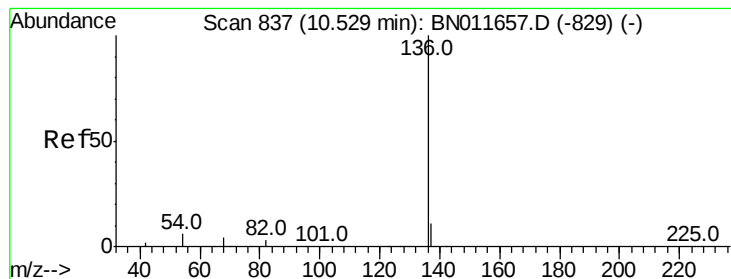


Abundance Ion 93.00 (92.70 to 93.70): BN011657.D (-516) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 9518

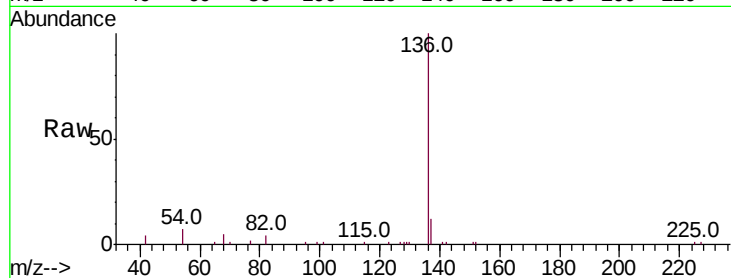
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.3 5.8 8.8

68 5.1 4.1 6.1

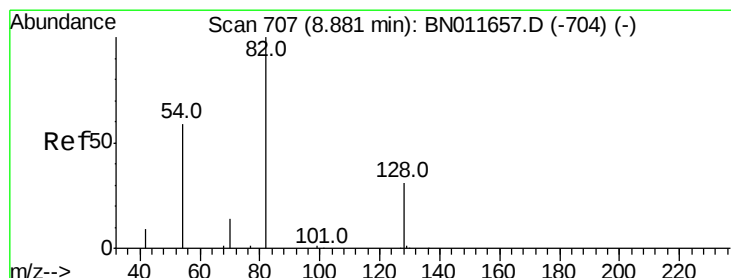
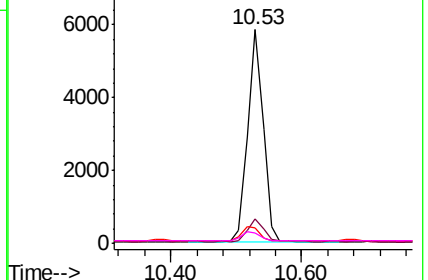
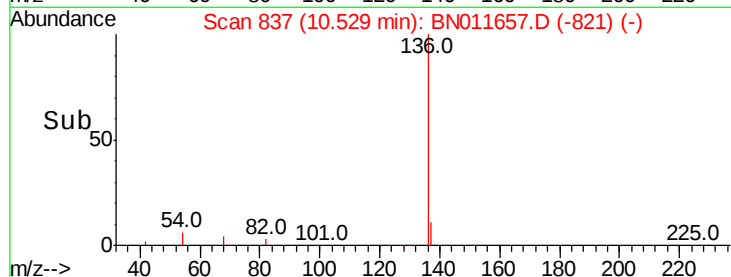


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

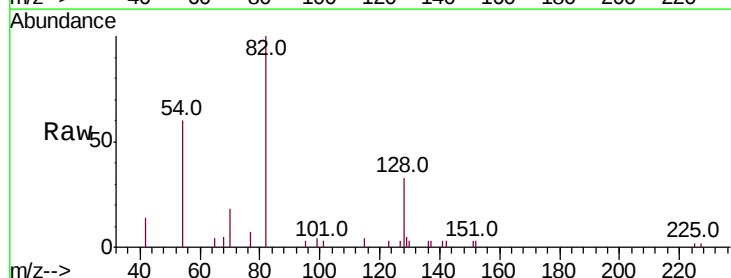
Tgt Ion: 82 Resp: 3368

Ion Ratio Lower Upper

82 100

128 32.7 26.2 39.2

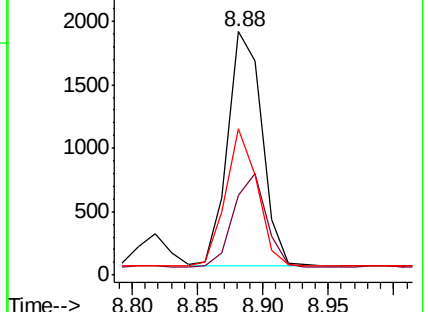
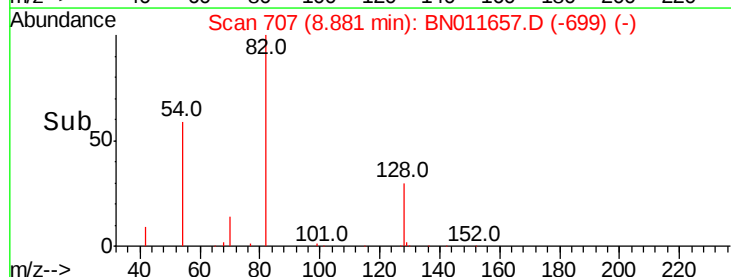
54 60.3 48.2 72.4

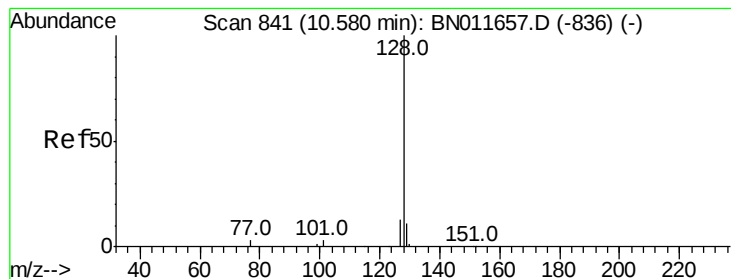


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.370 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

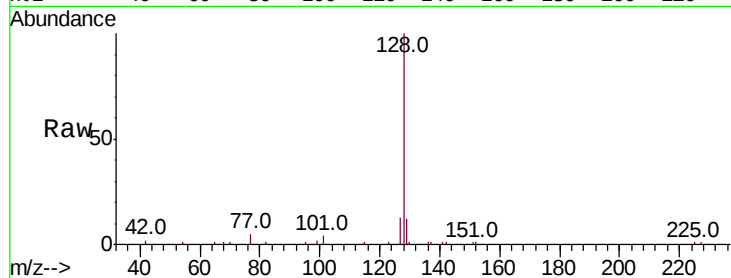
Tot Ion:128 Resp: 10014

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

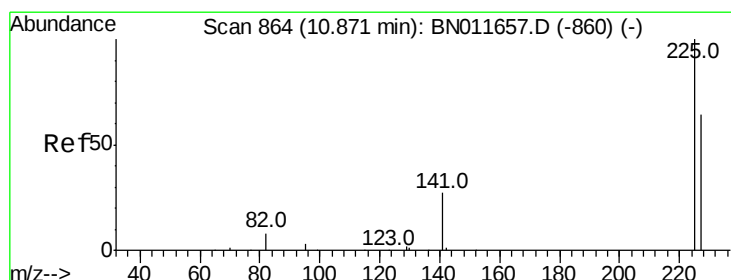
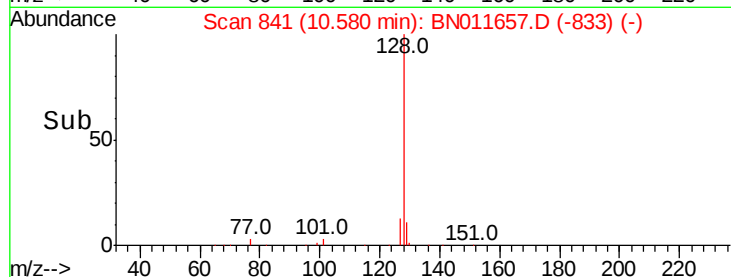
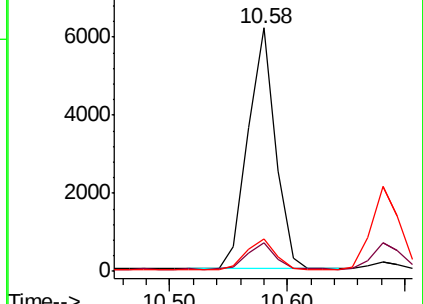
127 13.5 10.8 16.2



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: 0.384 ng

RT: 10.87 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

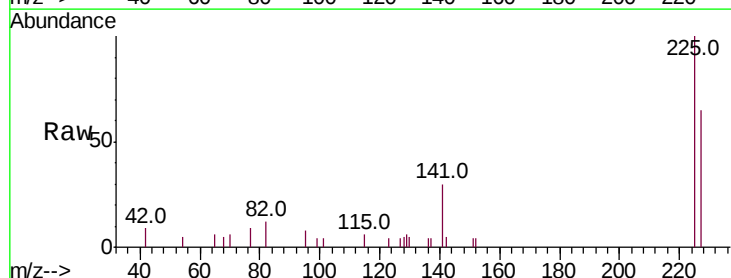
Tgt Ion:225 Resp: 2178

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

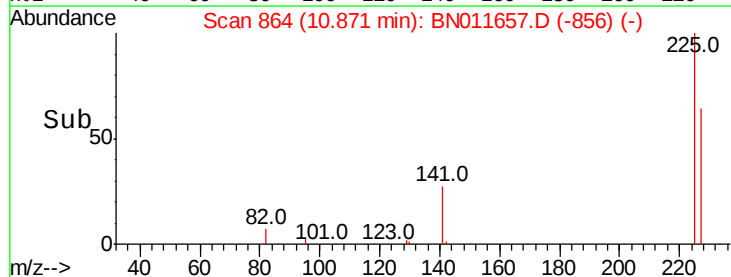
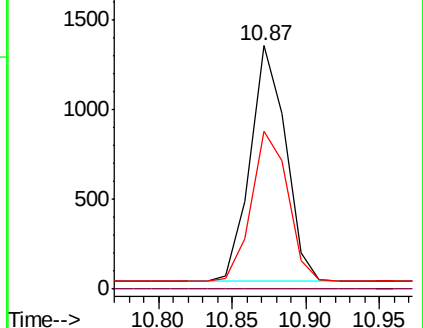
227 65.7 52.3 78.5

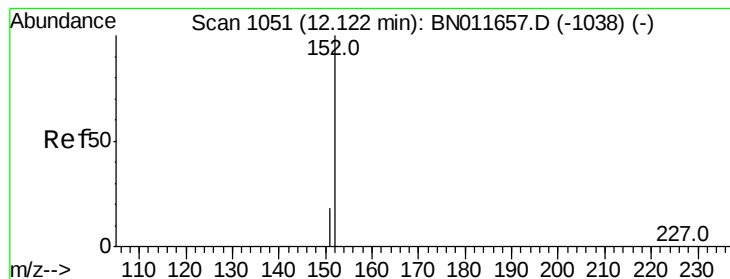


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.12 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

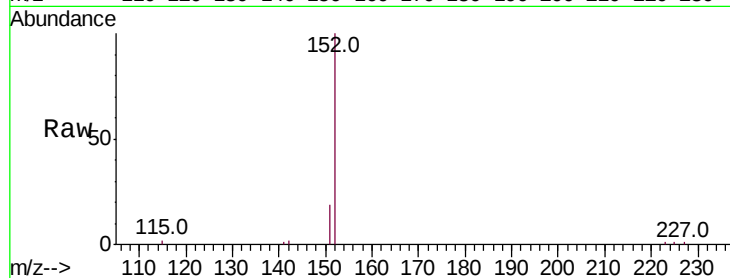
SSTDICCC0.4

Tot Ion:152 Resp: 6197

Ion Ratio Lower Upper

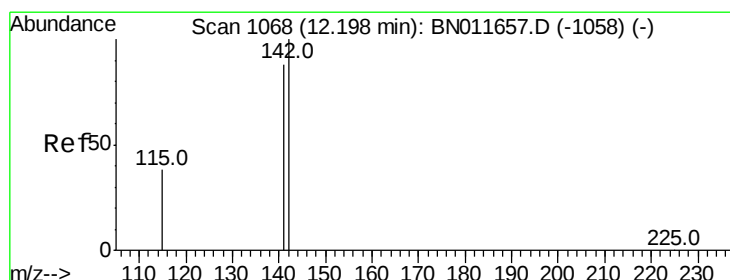
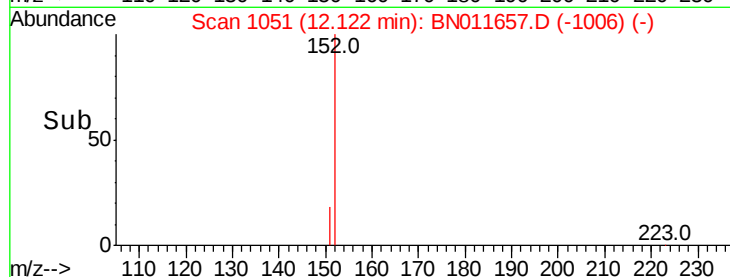
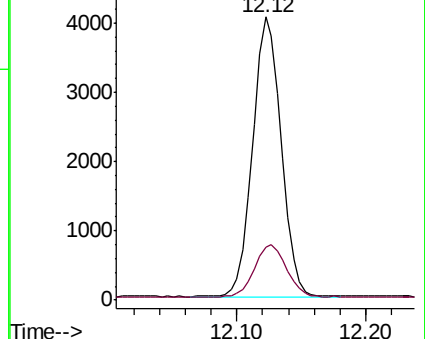
152 100

151 20.9 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.350 ng

RT: 12.20 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

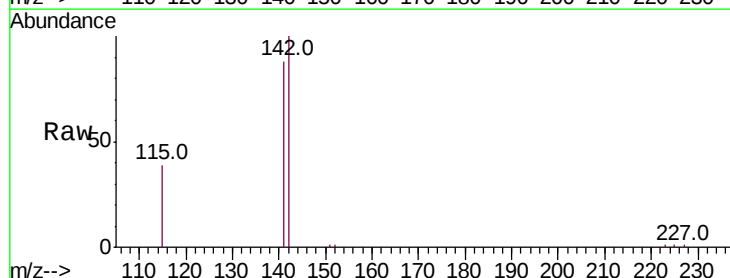
Tgt Ion:142 Resp: 6994

Ion Ratio Lower Upper

142 100

141 88.3 70.6 106.0

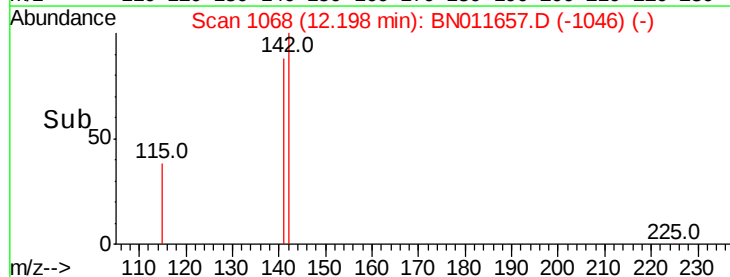
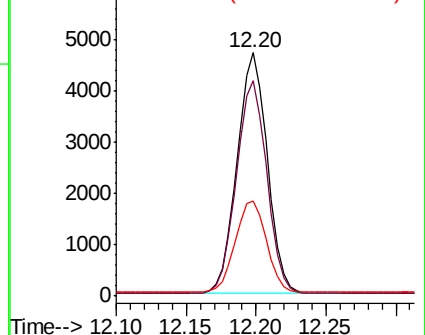
115 39.1 31.3 46.9

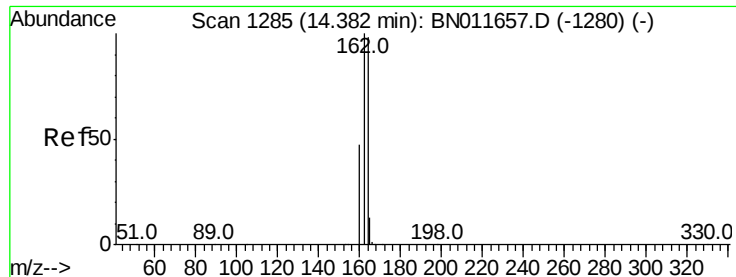


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

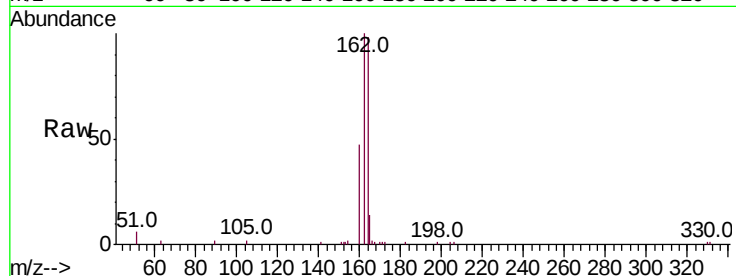
Tot Ion:164 Resp: 5701

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.0

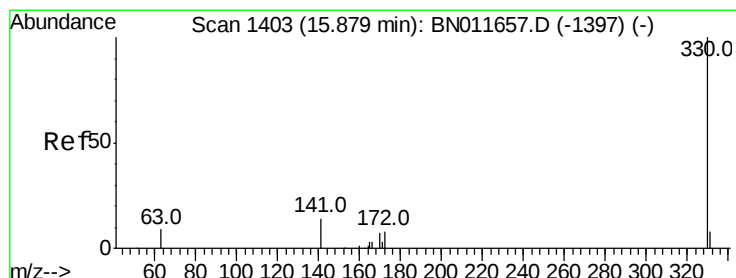
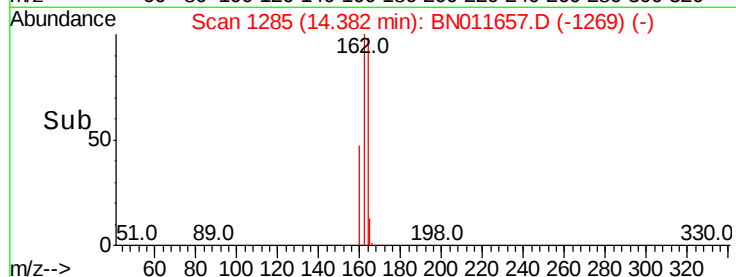
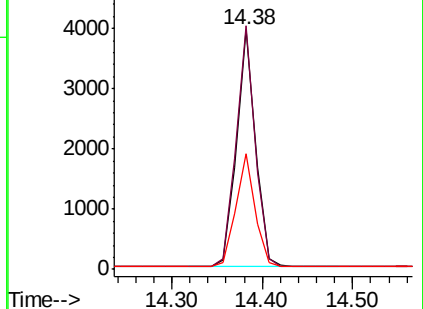
160 48.1 38.5 57.7



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: 0.311 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

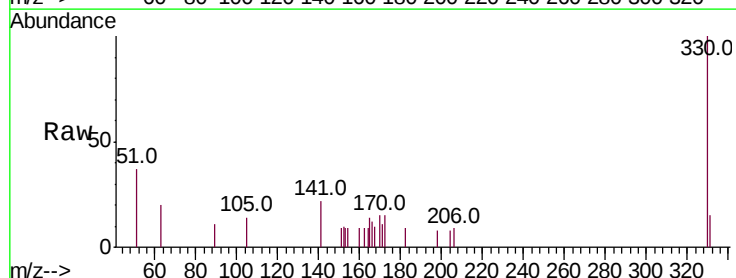
Tgt Ion:330 Resp: 975

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

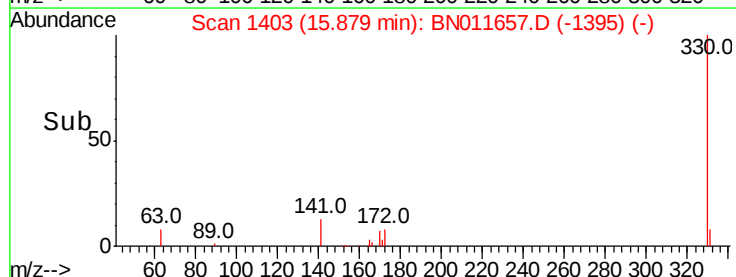
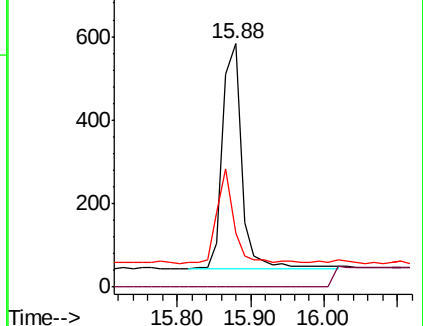
141 37.3 30.0 45.0

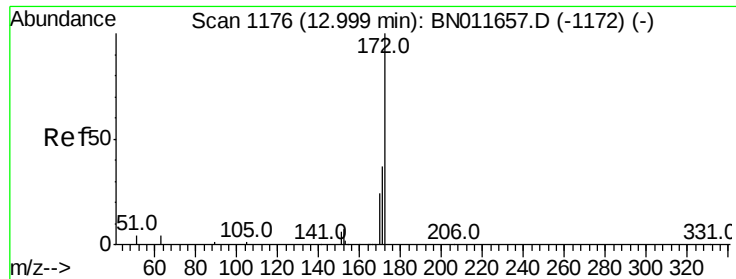


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

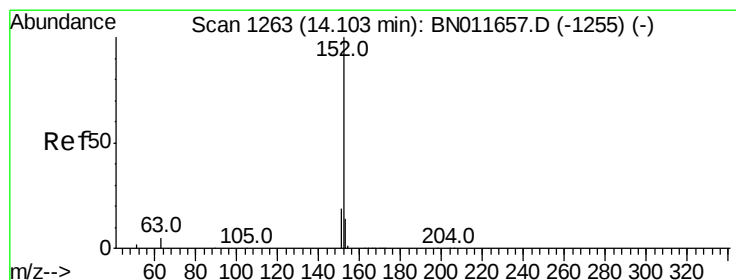
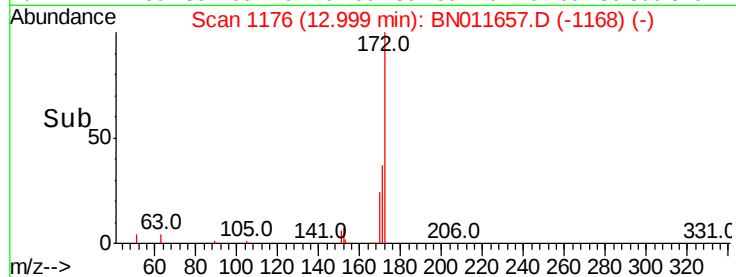
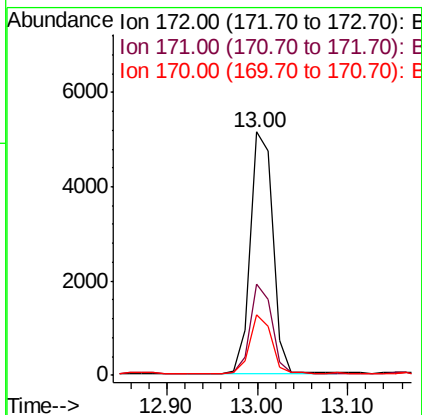
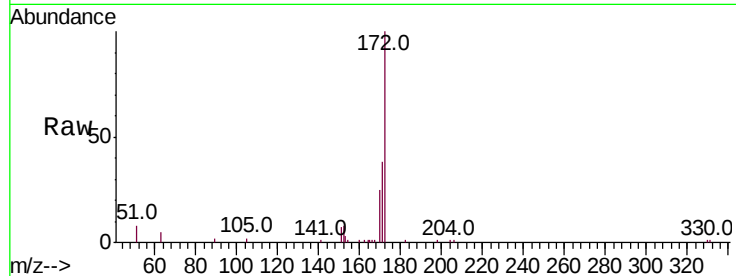




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

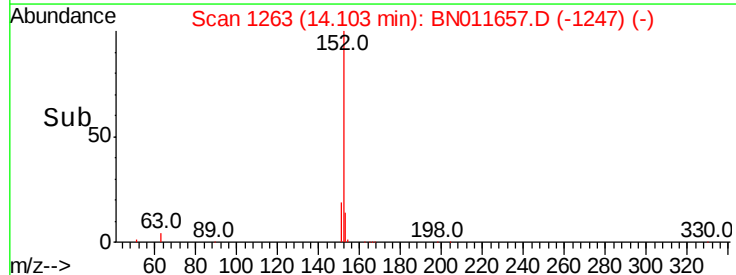
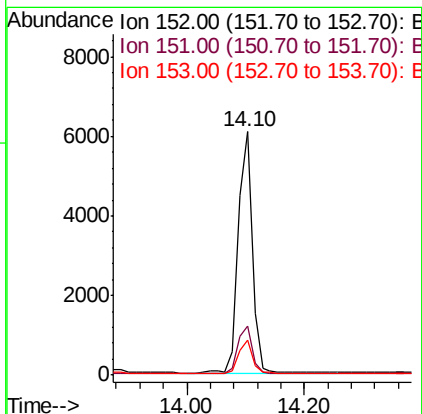
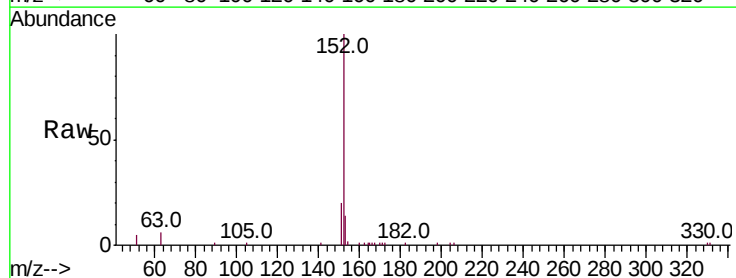
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

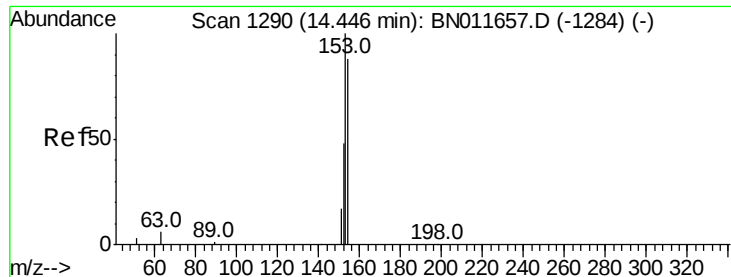
Tot Ion:172 Resp: 8773
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 25.1 20.1 30.1



#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:152 Resp: 9845
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.359 ng

RT: 14.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

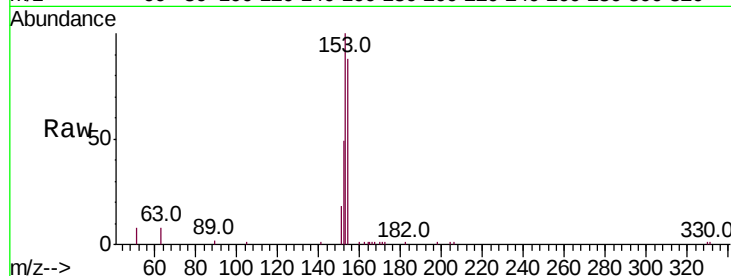
Tot Ion:154 Resp: 6838

Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

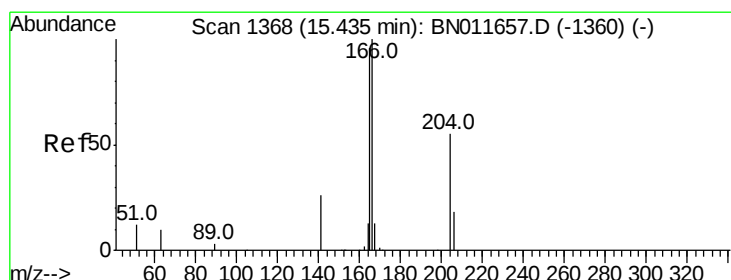
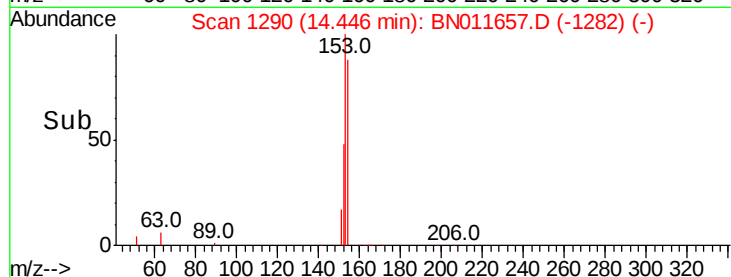
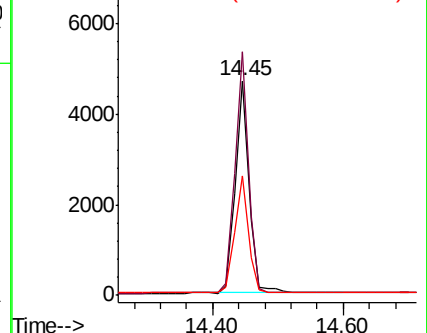
152 55.1 44.1 66.1



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: 0.357 ng

RT: 15.44 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

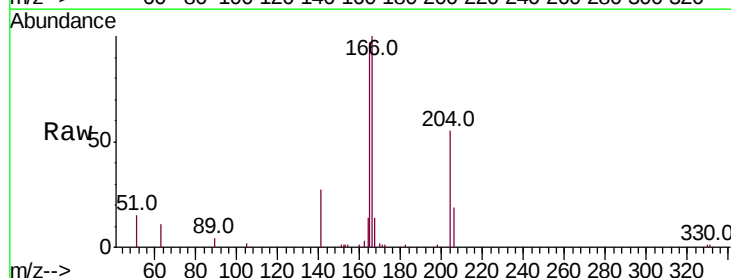
Tgt Ion:166 Resp: 8797

Ion Ratio Lower Upper

166 100

165 97.1 77.7 116.5

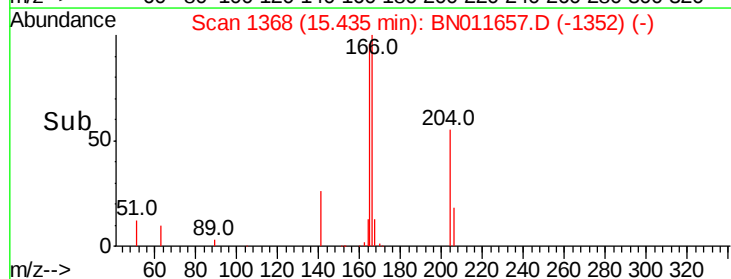
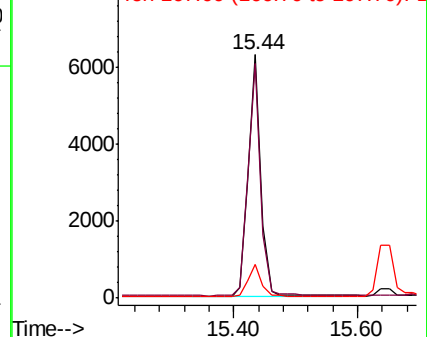
167 13.7 11.0 16.4

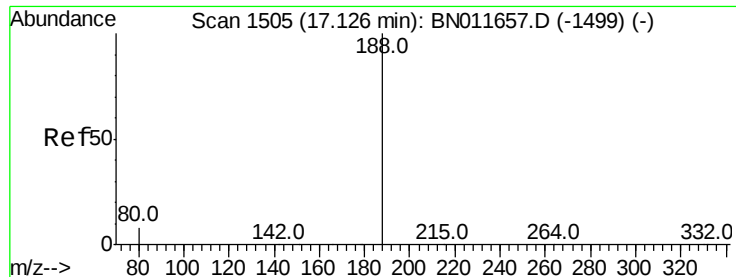


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

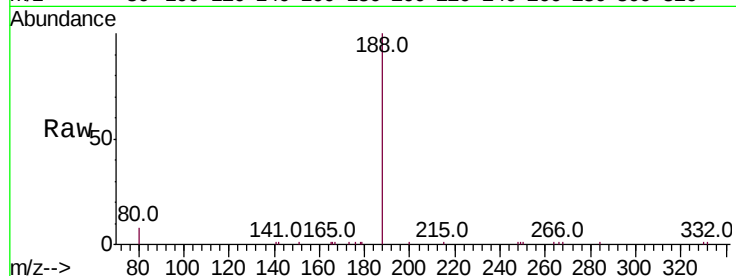
Tot Ion:188 Resp: 12372

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 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

12000

10000

8000

6000

4000

2000

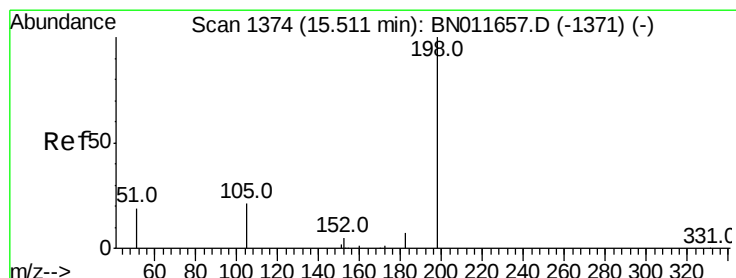
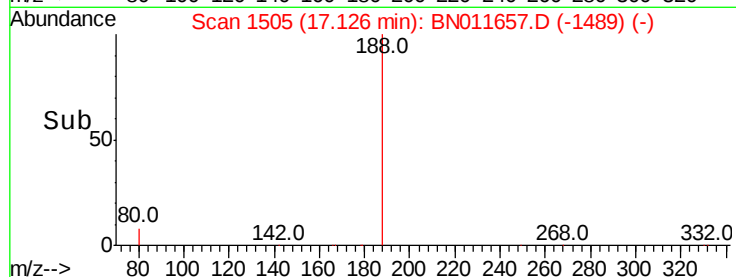
0

17.13

17.10

17.20

Time-->



#20

4,6-Dinitro-2-methylphenol

Concen: 0.461 ng

RT: 15.51 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

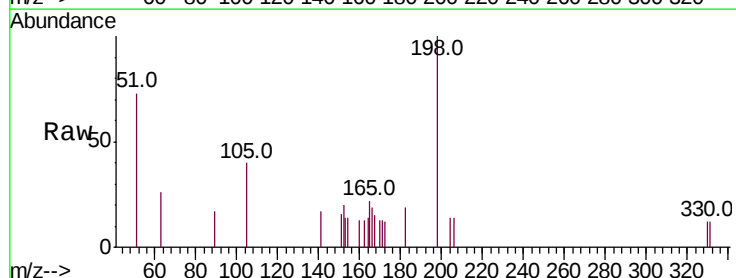
Tgt Ion:198 Resp: 657

Ion Ratio Lower Upper

198 100

51 73.2 58.6 87.8

105 39.6 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

2000

1500

1000

500

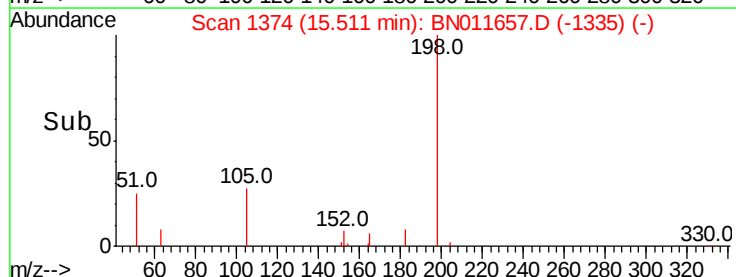
0

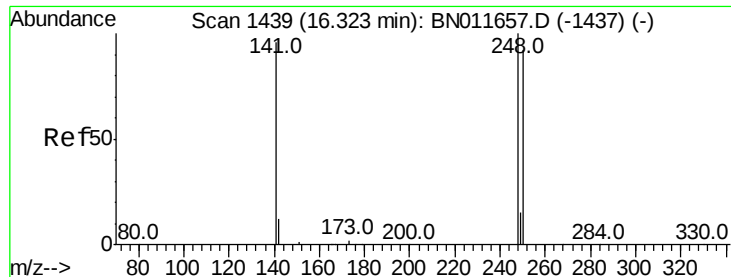
15.51

15.40

15.60

Time-->

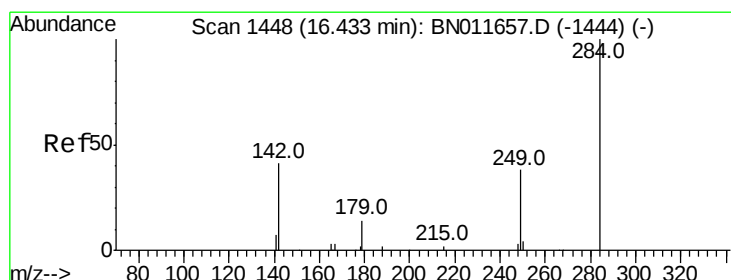
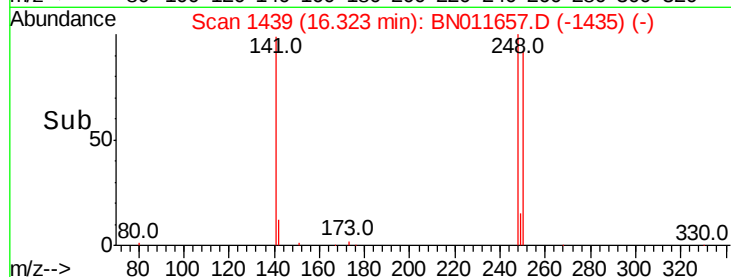
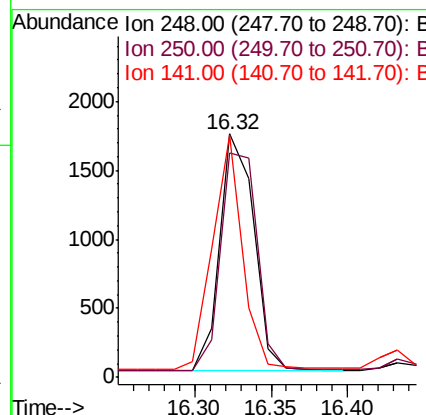
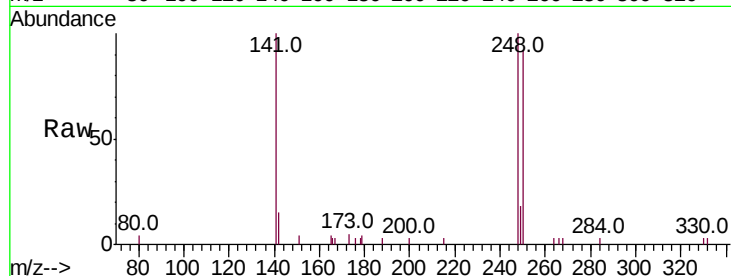




#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

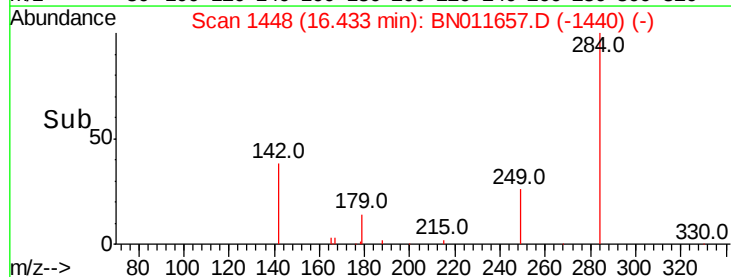
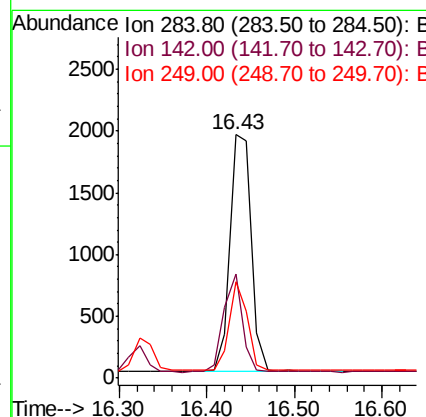
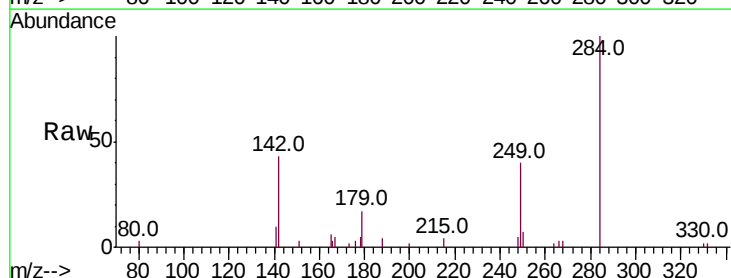
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

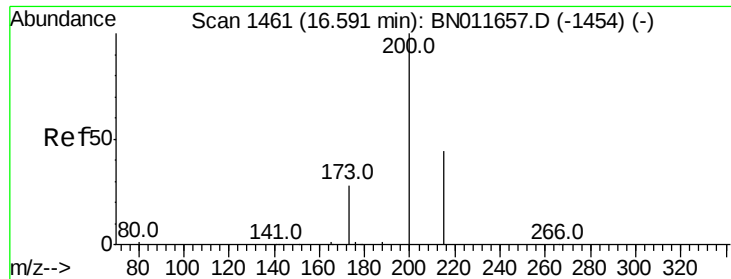
Tot Ion:248 Resp: 2623
Ion Ratio Lower Upper
248 100
250 92.4 73.9 110.9
141 99.7 79.8 119.6



#22
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:284 Resp: 3246
Ion Ratio Lower Upper
284 100
142 36.2 29.0 43.4
249 32.1 25.7 38.5

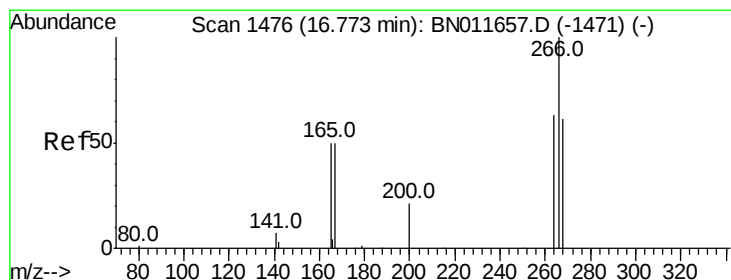
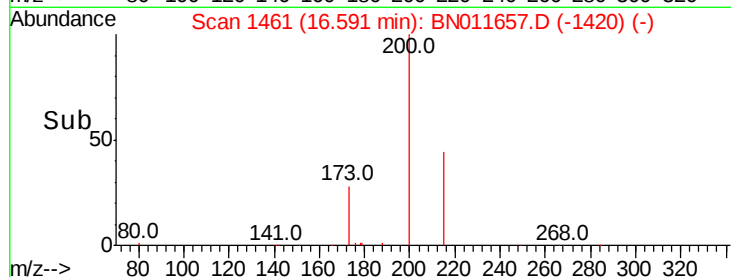
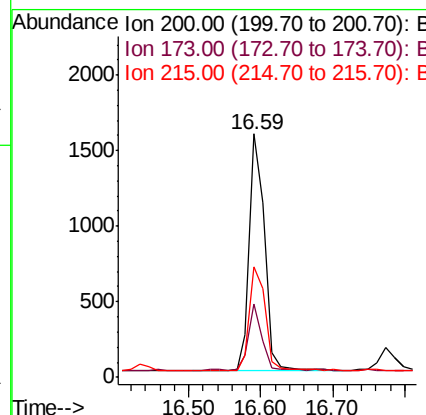
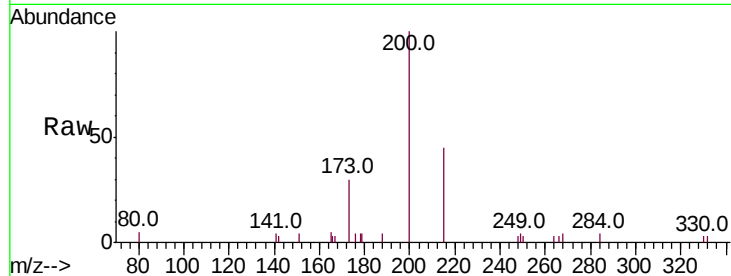




#23
Atrazine
Concen: 0.321 ng
RT: 16.59 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

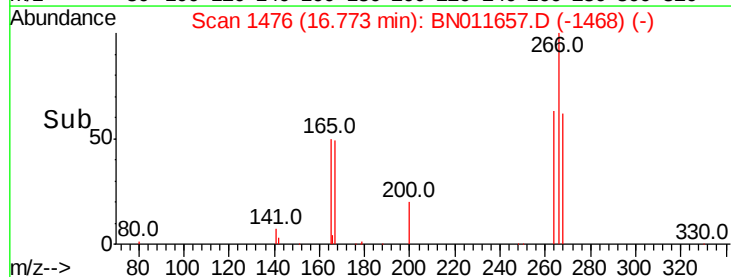
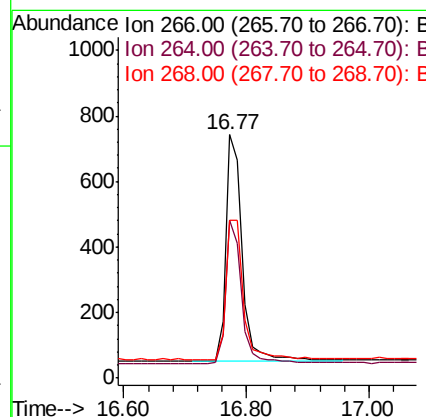
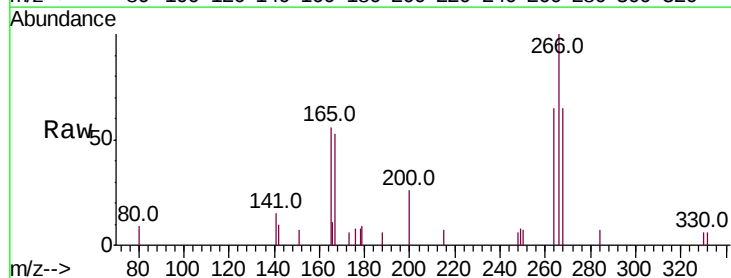
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

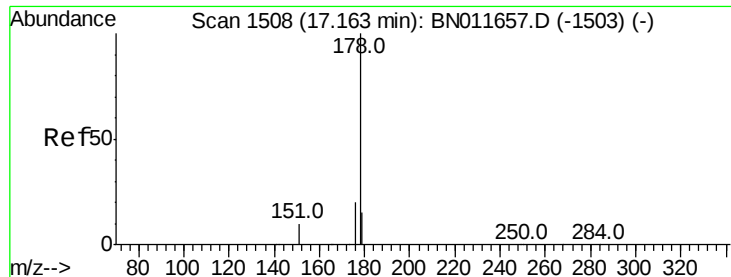
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.4	24.3	36.5
215	45.5	36.4	54.6



#24
Pentachlorophenol
Concen: 0.353 ng
RT: 16.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.5	74.3
268	66.2	53.0	79.4





#25

Phenanthrene

Concen: 0.373 ng

RT: 17.16 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

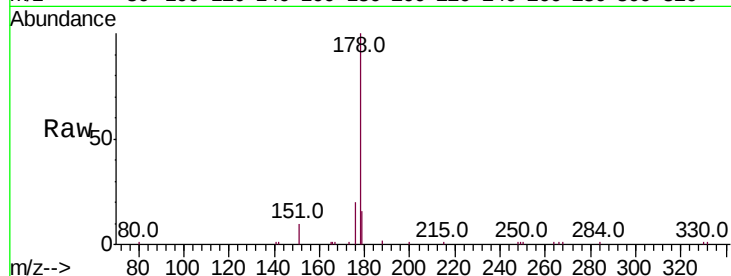
Tot Ion:178 Resp: 14320

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

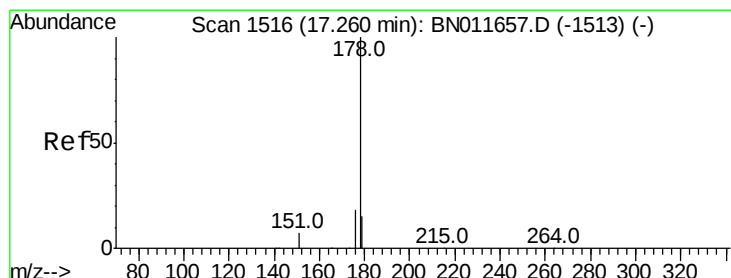
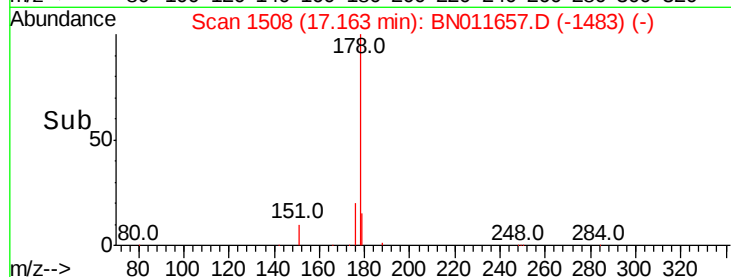
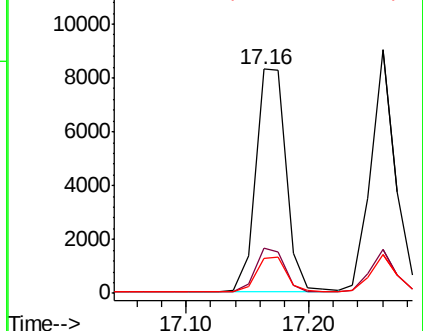
179 15.5 12.4 18.6



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: 0.337 ng

RT: 17.26 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

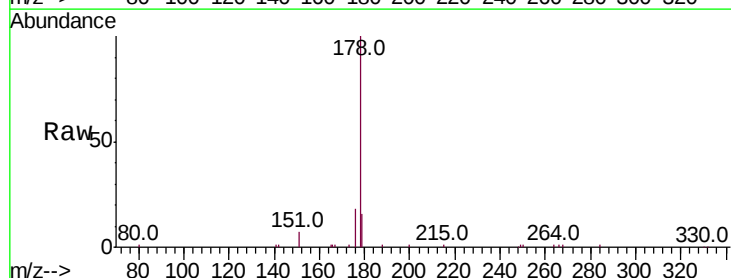
Tgt Ion:178 Resp: 12745

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

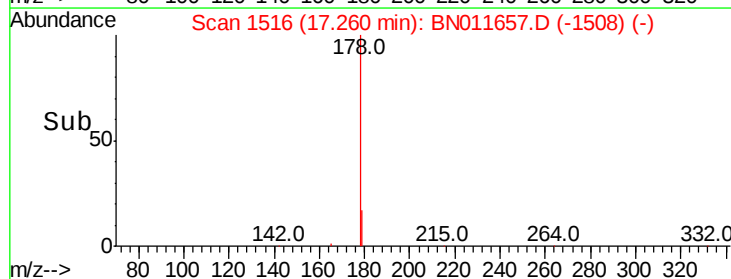
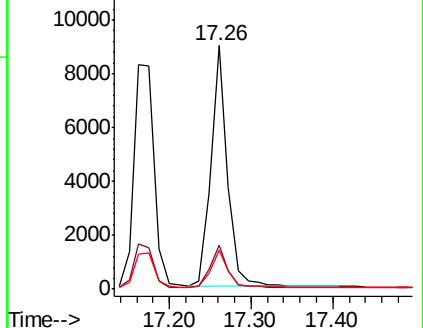
179 15.3 12.2 18.4

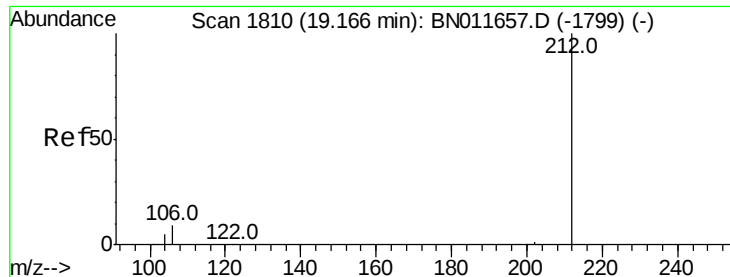


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

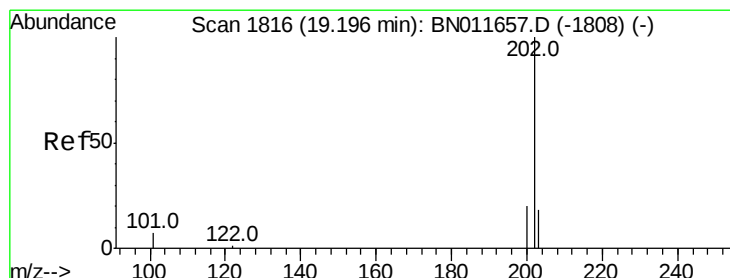
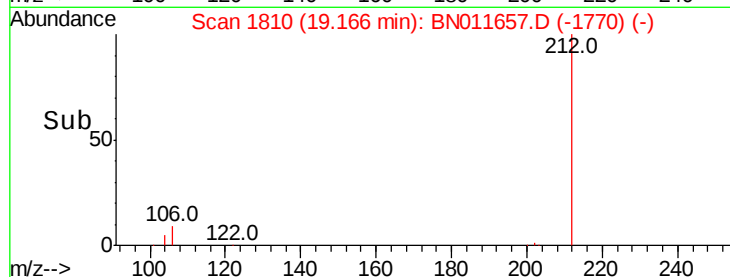
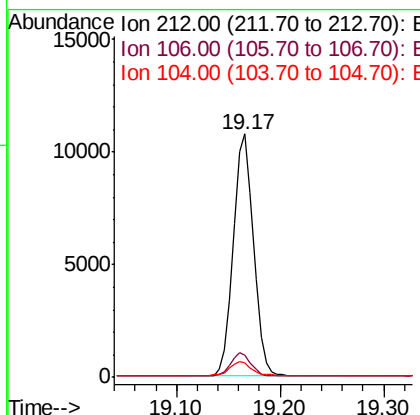
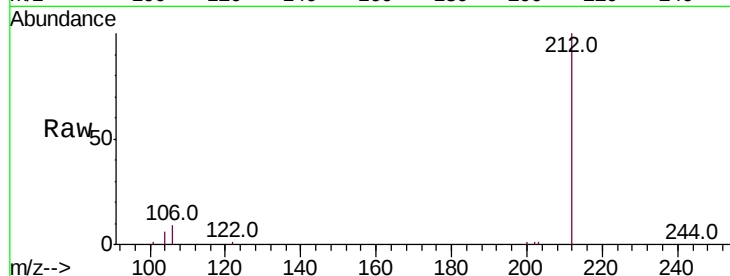




#27
 Fluoranthene-d10
 Concen: 0.354 ng
 RT: 19.17 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BN011657.D
 Acq: 27 Aug 2020 10:50

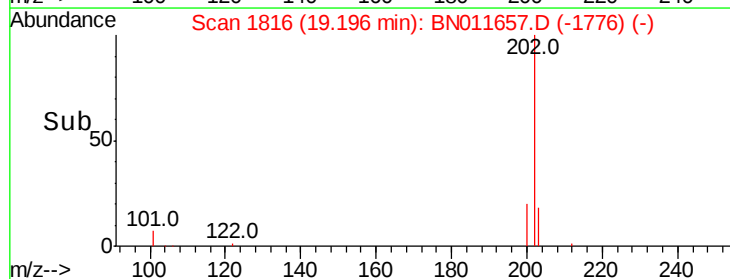
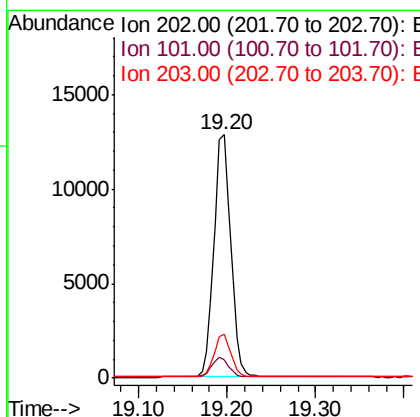
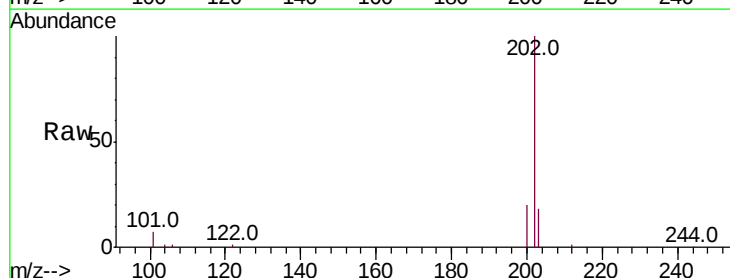
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

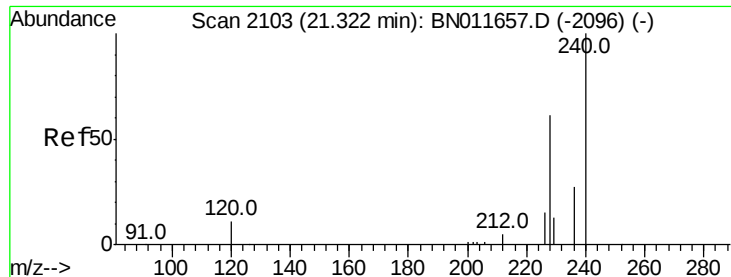
Tot Ion:212 Resp: 14274
 Ion Ratio Lower Upper
 212 100
 106 9.5 7.6 11.4
 104 5.7 4.6 6.8



#28
 Fluoranthene
 Concen: 0.364 ng
 RT: 19.20 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BN011657.D
 Acq: 27 Aug 2020 10:50

Tgt Ion:202 Resp: 16951
 Ion Ratio Lower Upper
 202 100
 101 8.1 6.5 9.7
 203 17.2 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: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

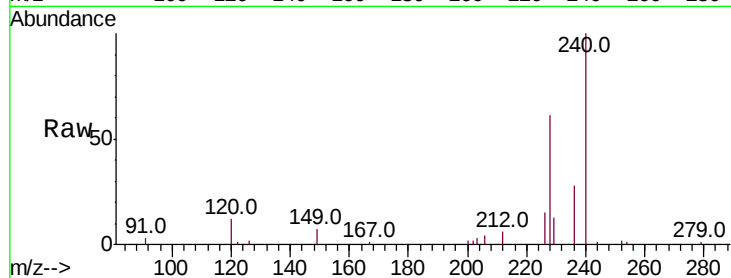
Tot Ion:240 Resp: 13252

Ion Ratio Lower Upper

240 100

120 12.4 9.9 14.9

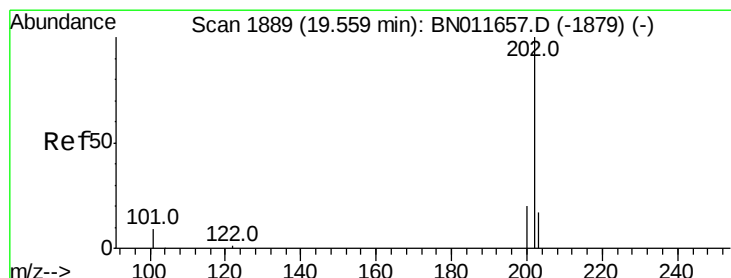
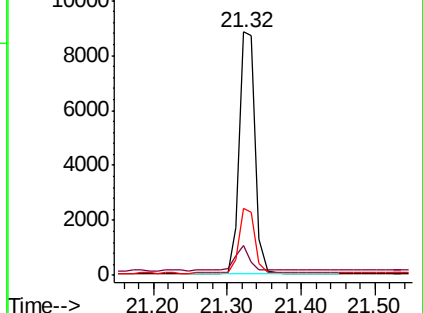
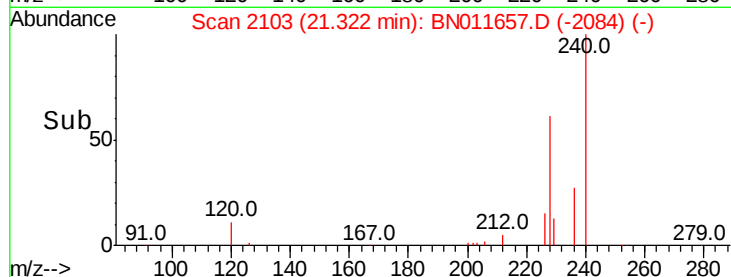
236 27.8 22.2 33.4



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: 0.366 ng

RT: 19.56 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

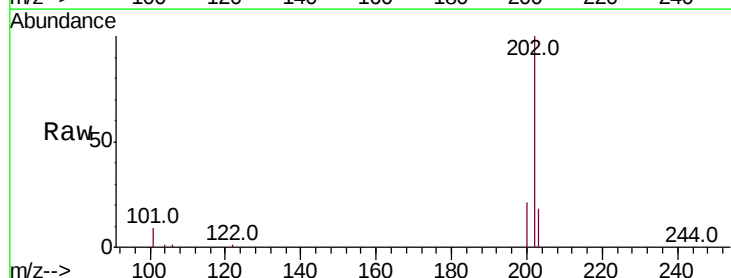
Tgt Ion:202 Resp: 17195

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

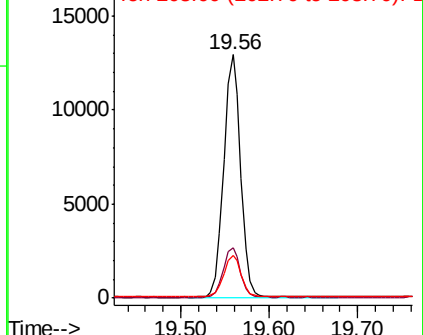
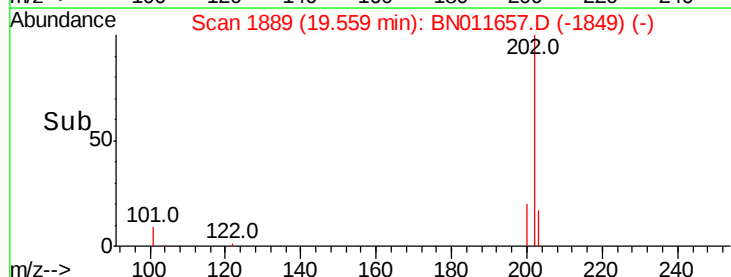
203 17.6 14.1 21.1

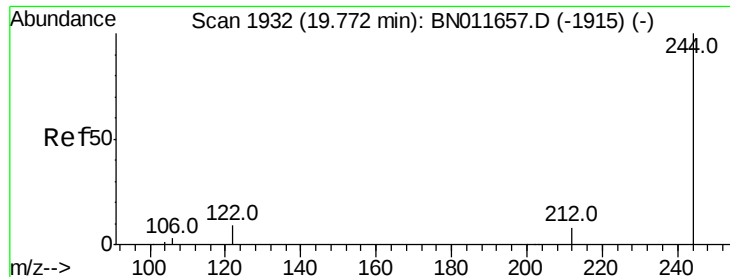


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.364 ng

RT: 19.77 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

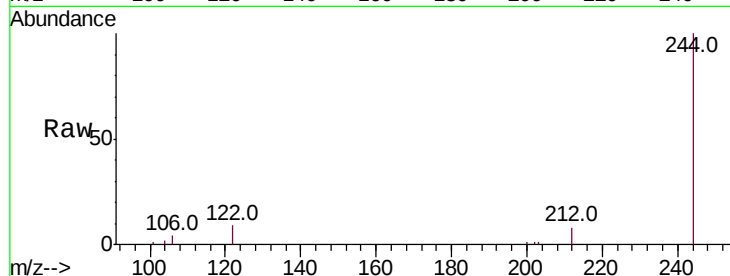
Tot Ion:244 Resp: 12333

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

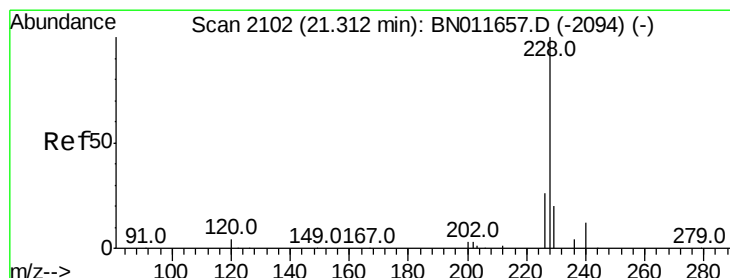
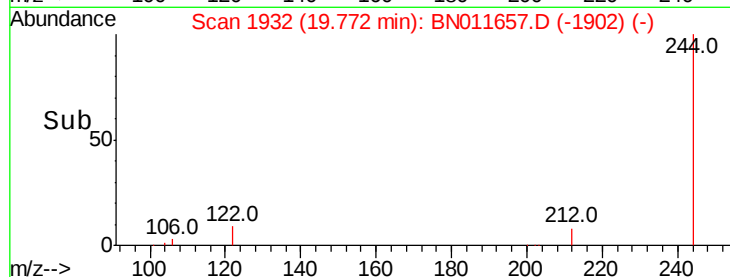
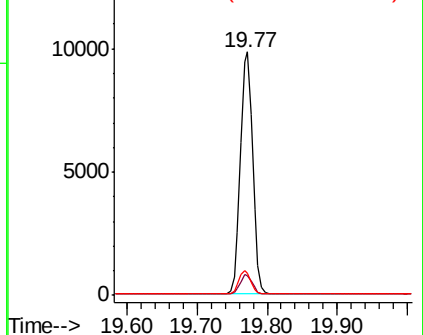
122 9.3 7.4 11.2



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: 0.364 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

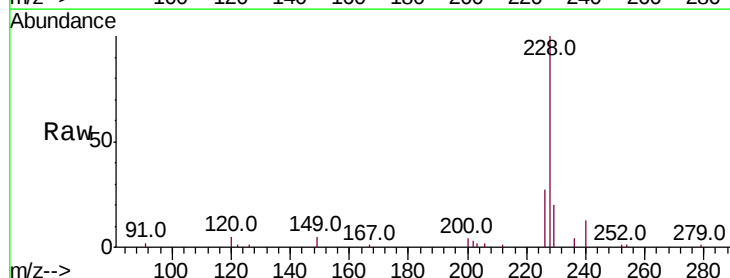
Tgt Ion:228 Resp: 17380

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

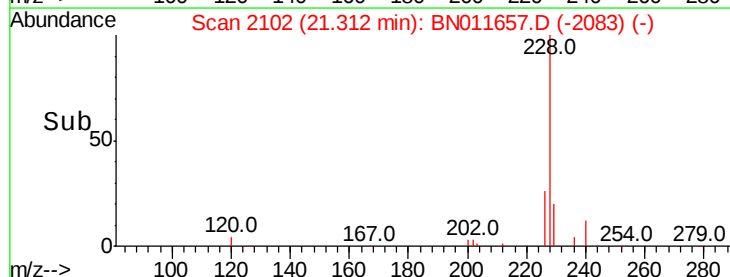
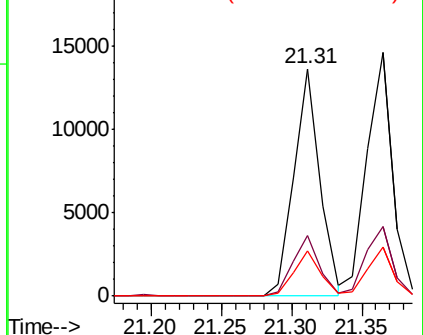
229 20.0 16.0 24.0

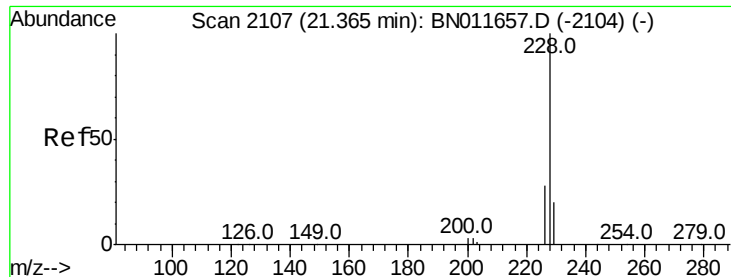


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.401 ng

RT: 21.36 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

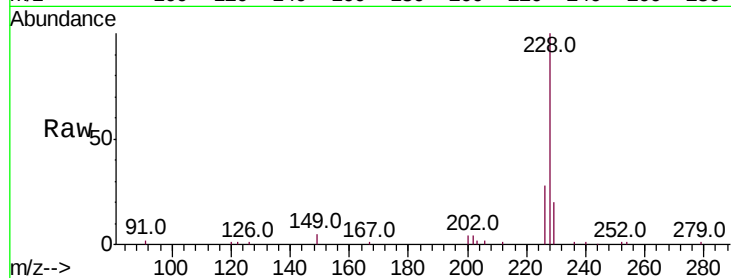
BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 18288

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	19.9	15.9	23.9

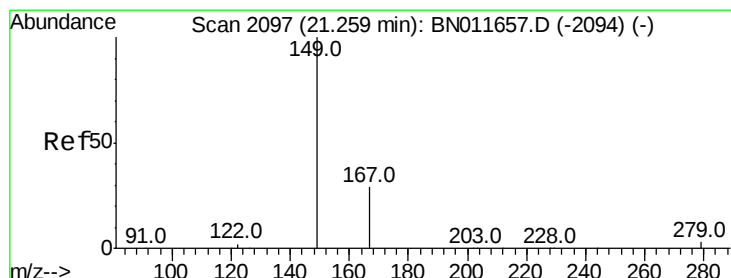
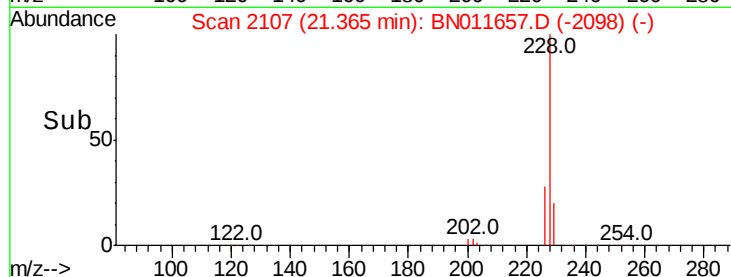
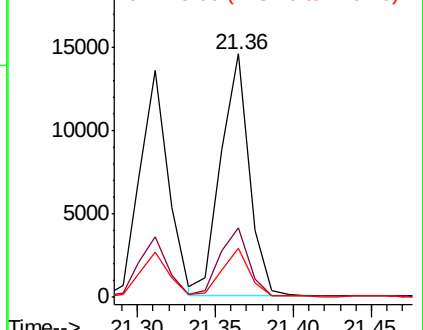


Abundance

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: 0.204 ng

RT: 21.26 min Scan# 2097

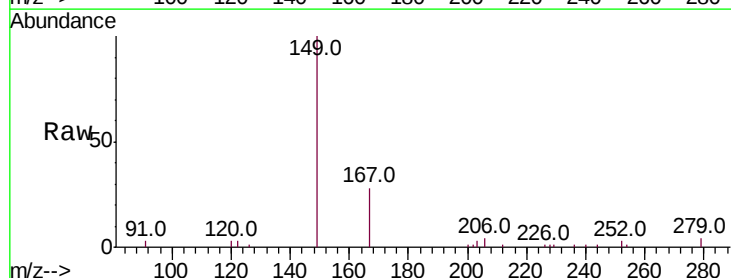
Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Tgt Ion:149 Resp: 6947

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.2	34.8
279	5.0	4.0	6.0

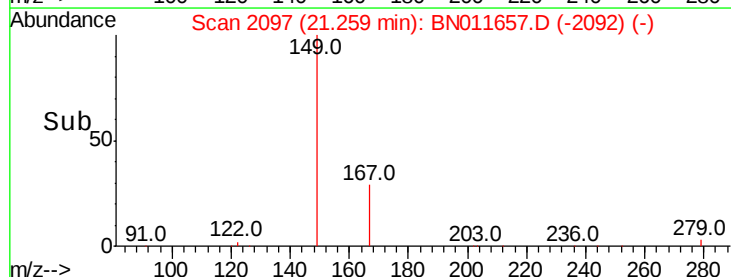
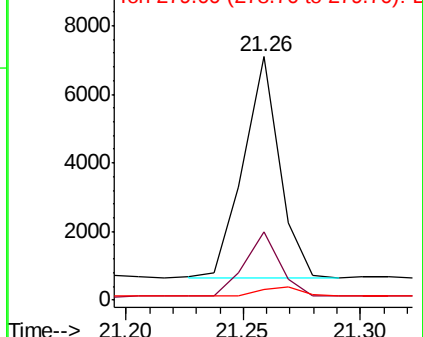


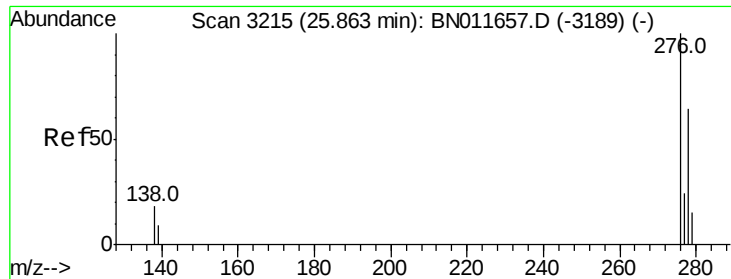
Abundance

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: 0.437 ng

RT: 25.86 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

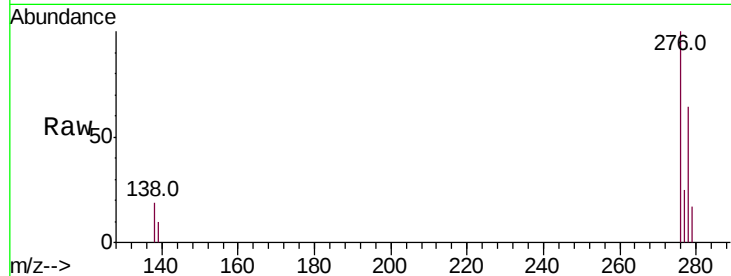
Tot Ion:276 Resp: 24319

Ion Ratio Lower Upper

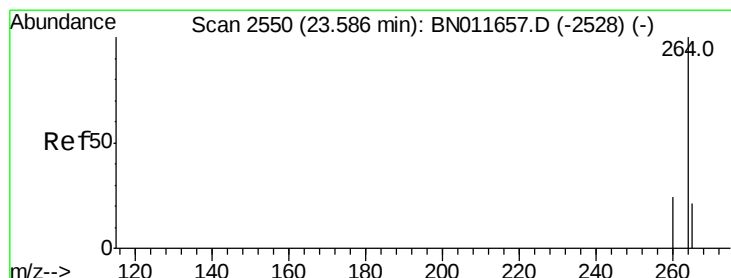
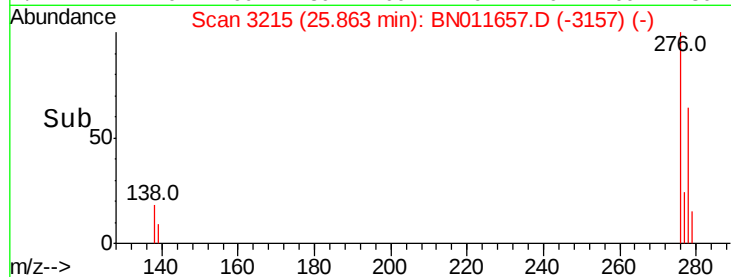
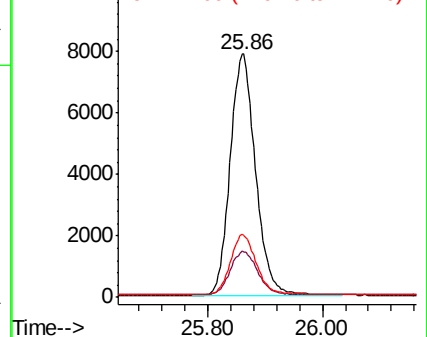
276 100

138 19.3 15.4 23.2

277 25.1 20.1 30.1



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.59 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

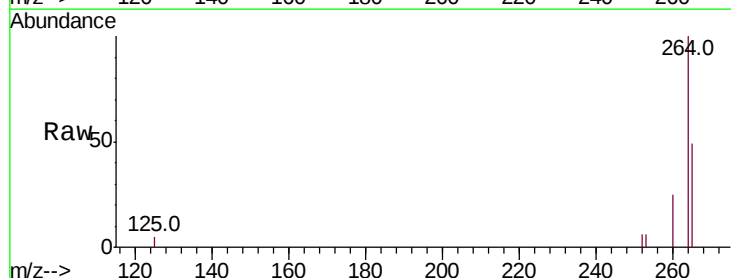
Tgt Ion:264 Resp: 14672

Ion Ratio Lower Upper

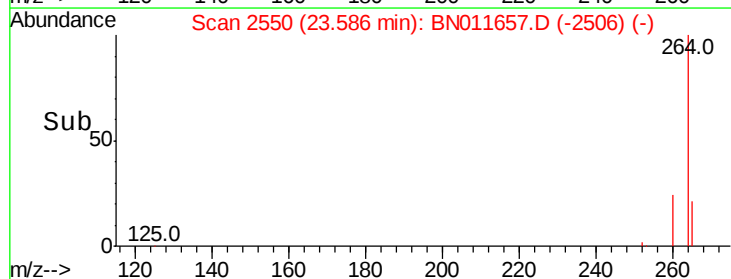
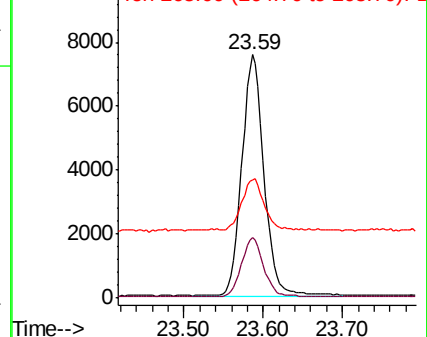
264 100

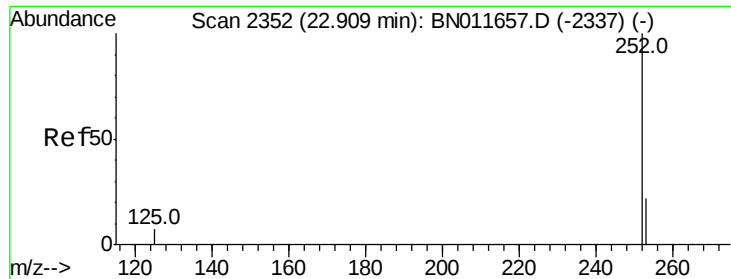
260 24.7 19.8 29.6

265 48.6 38.9 58.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

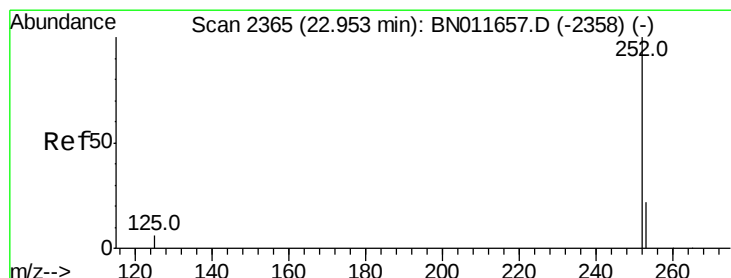
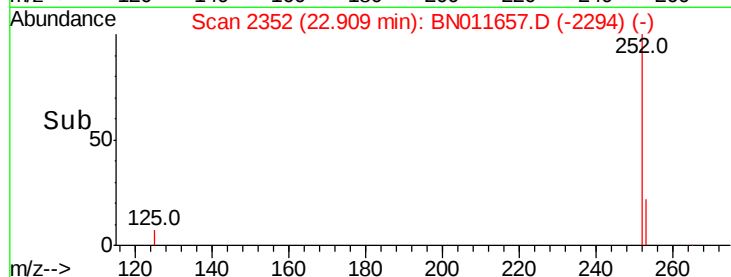
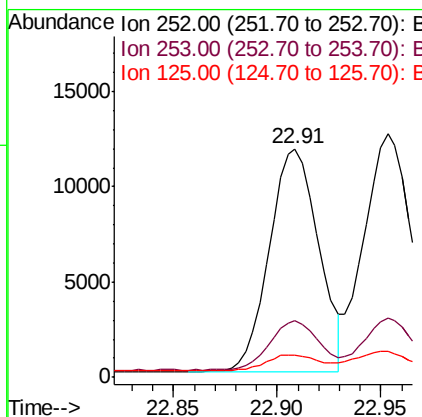
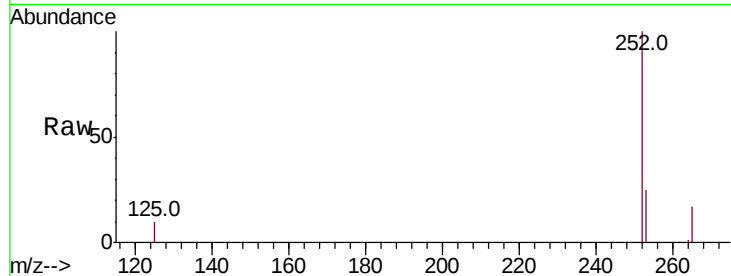




#37
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 22.91 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

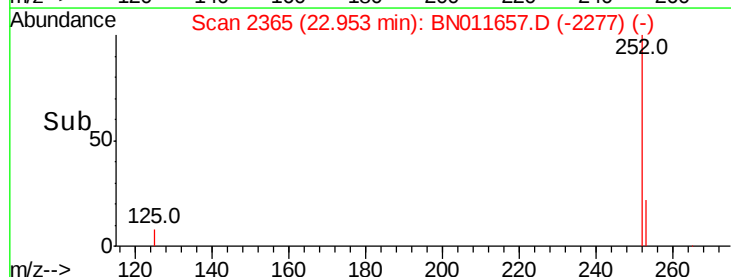
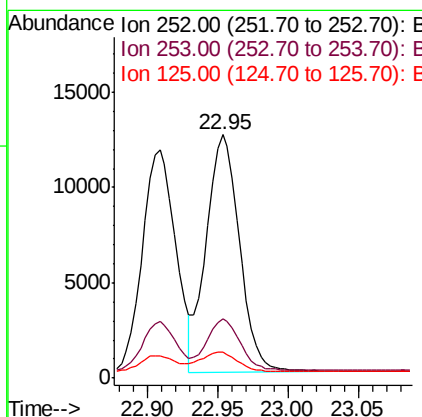
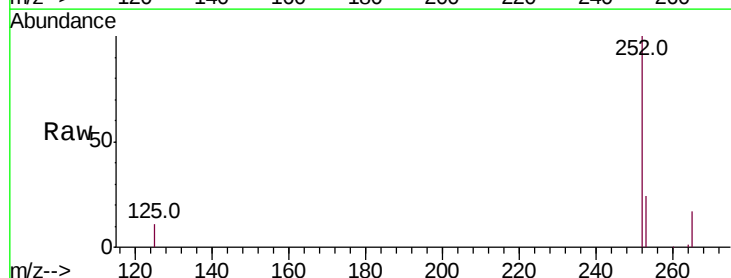
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

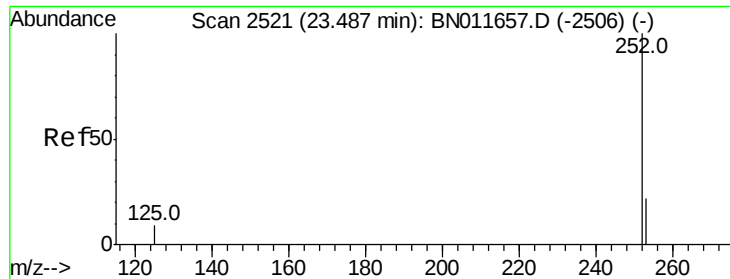
Tot Ion:252 Resp: 19261
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 9.8 7.8 11.8



#38
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.95 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:252 Resp: 20517
Ion Ratio Lower Upper
252 100
253 24.2 19.4 29.0
125 10.5 8.4 12.6





#39

Benzo(a)pyrene

Concen: 0.348 ng

RT: 23.49 min Scan# 2521

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

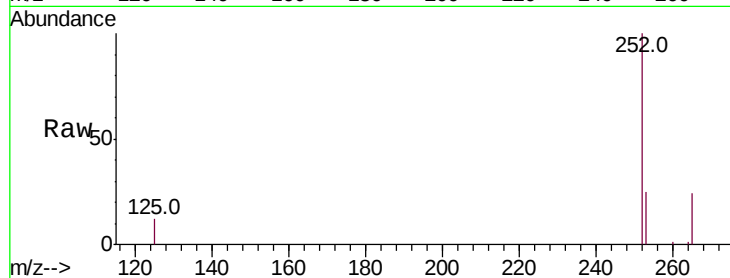
Tot Ion:252 Resp: 17249

Ion Ratio Lower Upper

252 100

253 25.4 20.3 30.5

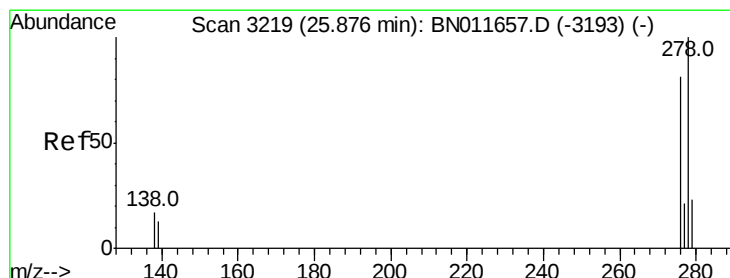
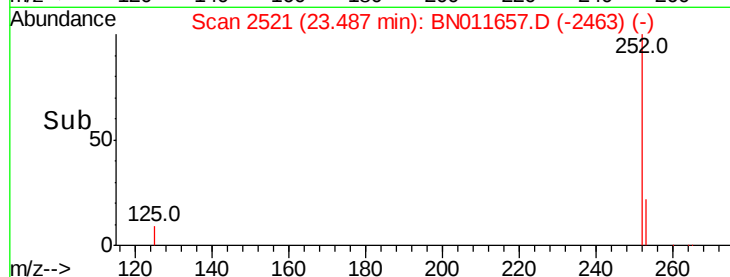
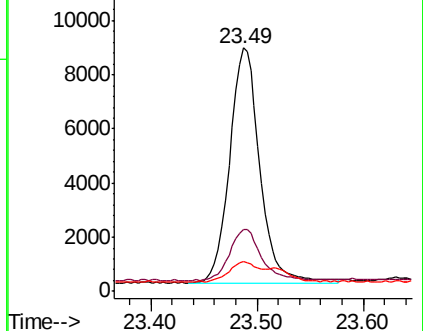
125 12.2 9.8 14.6



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: 0.389 ng

RT: 25.88 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

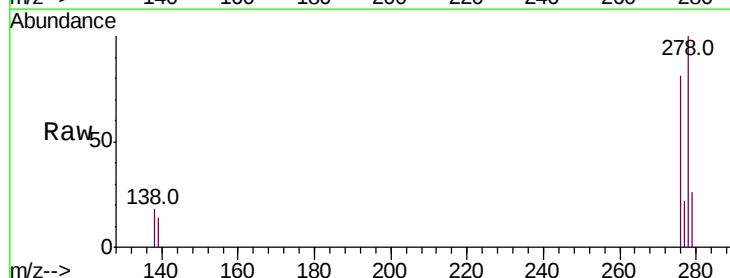
Tgt Ion:278 Resp: 20146

Ion Ratio Lower Upper

278 100

139 13.8 11.0 16.6

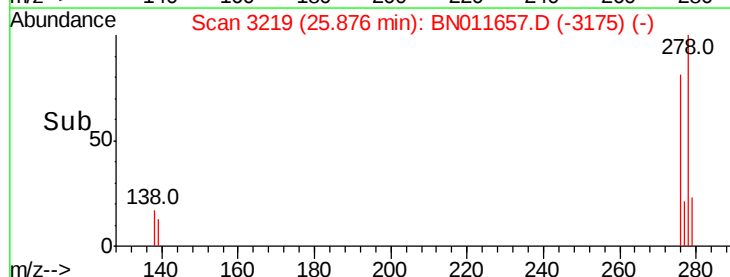
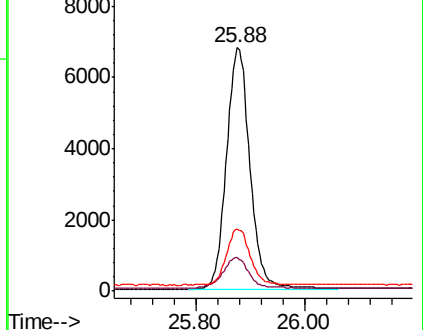
279 25.6 20.5 30.7

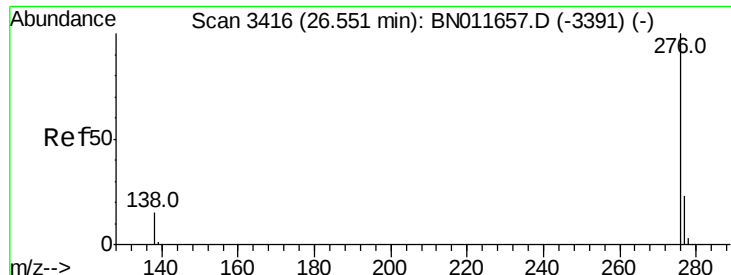


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.387 ng

RT: 26.55 min Scan# 3416

Delta R.T. 0.00 min

Lab File: BN011657.D

Acq: 27 Aug 2020 10:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

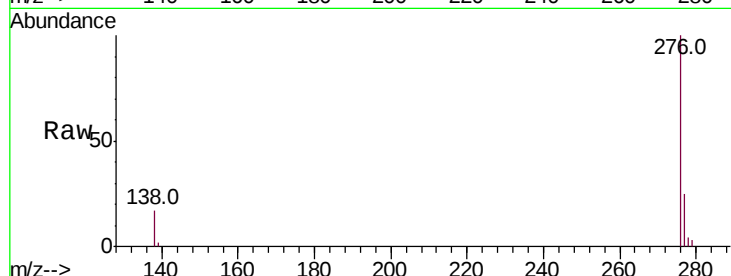
Tot Ion:276 Resp: 19462

Ion Ratio Lower Upper

276 100

277 24.6 19.7 29.5

138 16.8 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

