

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
 Data File : BN011604.D
 Acq On : 24 Aug 2020 19:22
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: Aug 25 03:17:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 18:42:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2111	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	8671	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5746	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	12948	0.40	ng	0.00
29) Chrysene-d12	21.33	240	14150	0.40	ng	0.00
36) Perylene-d12	23.59	264	13931	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	10788	2.39	ng	0.00
5) Phenol-d6	6.92	99	15226	3.35	ng	0.00
8) Nitrobenzene-d5	8.89	82	12278	2.15	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	26957	1.74	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	5022	1.76	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	36200	1.53	ng	0.00
27) Fluoranthene-d10	19.18	212	68806	1.58	ng	0.00
31) Terphenyl-d14	19.78	244	58048	1.57	ng	0.00

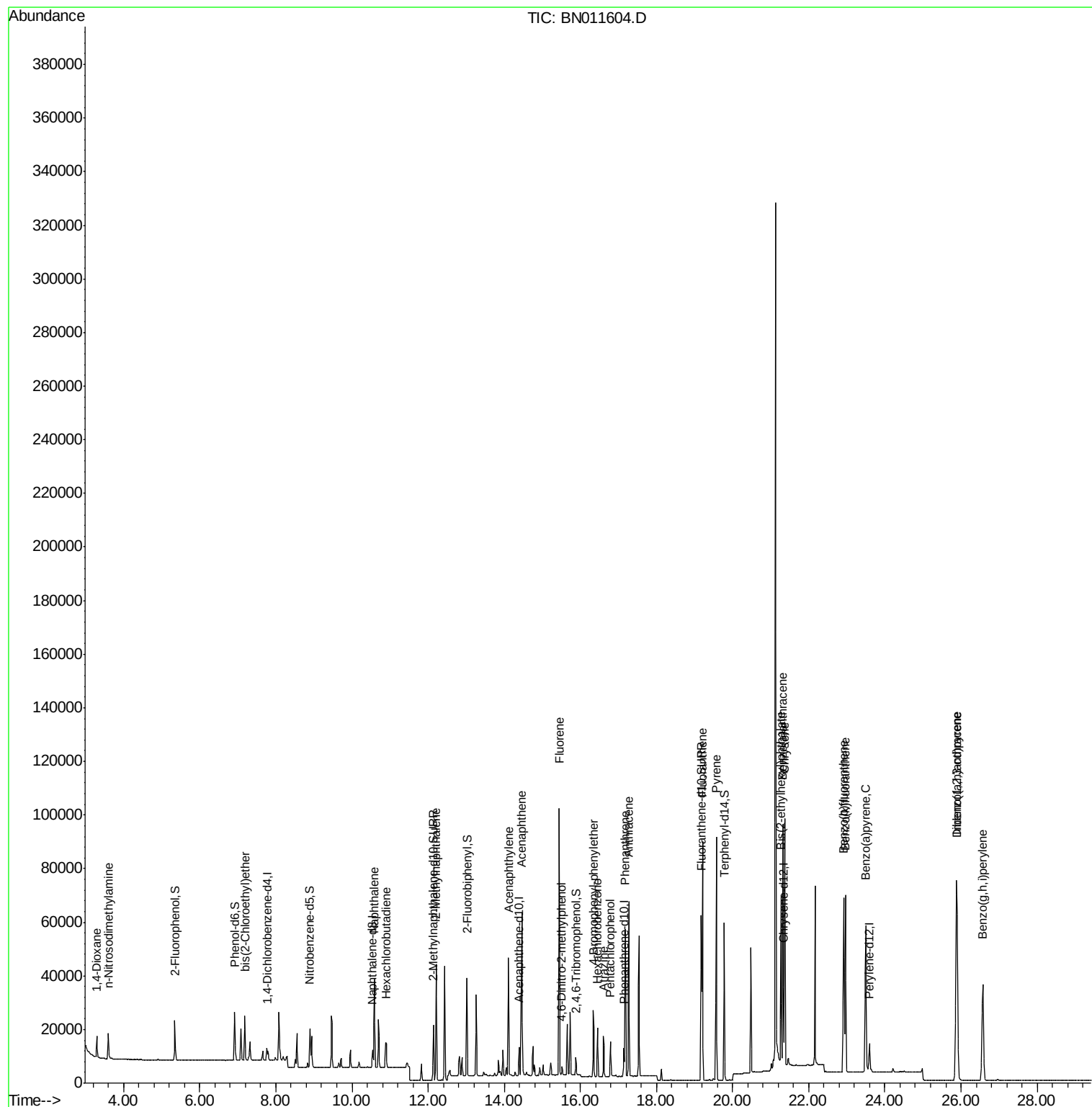
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	5284	1.832	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	5761	4.843	ng	# 94
6) bis(2-Chloroethyl)ether	7.18	93	11073	2.489	ng	97
9) Naphthalene	10.59	128	40351	1.606	ng	94
10) Hexachlorobutadiene	10.90	225	8574	1.219	ng	# 99
12) 2-Methylnaphthalene	12.21	142	29804	1.724	ng	97
16) Acenaphthylene	14.12	152	48896	1.673	ng	99
17) Acenaphthene	14.46	154	31365	1.635	ng	100
18) Fluorene	15.45	166	40227	1.586	ng	100
20) 4,6-Dinitro-2-methylphenol	15.51	198	2525	1.614	ng	# 42
21) 4-Bromophenyl-phenylether	16.34	248	12251	4.331	ng	94
22) Hexachlorobenzene	16.44	284	14314	1.434	ng	99
23) Atrazine	16.60	200	12549	1.863	ng	95
24) Pentachlorophenol	16.79	266	6385	2.052	ng	96
25) Phenanthrene	17.17	178	64964	1.594	ng	99
26) Anthracene	17.27	178	63829	1.878	ng	99
28) Fluoranthene	19.21	202	78171	1.491	ng	100
30) Pyrene	19.57	202	79913	1.420	ng	100
32) Benzo(a)anthracene	21.32	228	80678	1.736	ng	98
33) Chrysene	21.36	228	76915	1.455	ng	99
34) Bis(2-ethylhexyl)phthalate	21.27	149	48738	2.109	ng	95
35) Indeno(1,2,3-cd)pyrene	25.88	276	94530	1.969	ng	# 100
37) Benzo(b)fluoranthene	22.92	252	82117	1.595	ng	# 92
38) Benzo(k)fluoranthene	22.96	252	80507	1.312	ng	# 89
39) Benzo(a)pyrene	23.49	252	75538	1.585	ng	# 91
40) Dibenzo(a,h)anthracene	25.90	278	78710	1.975	ng	# 91
41) Benzo(g,h,i)perylene	26.57	276	75904	1.597	ng	95

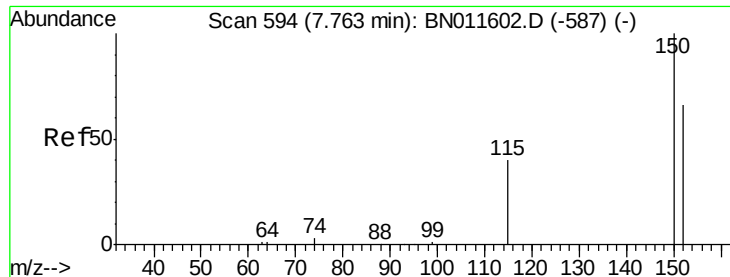
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 594

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

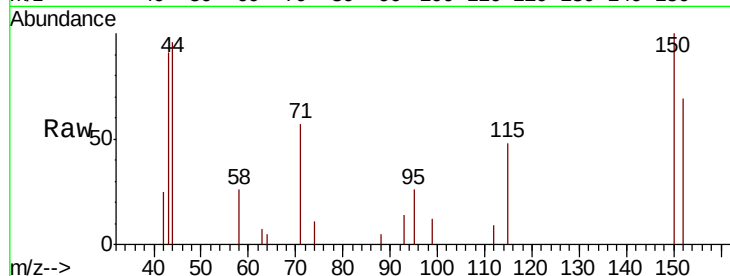
Tot Ion:152 Resp: 2111

Ion Ratio Lower Upper

152 100

150 143.9 112.4 168.6

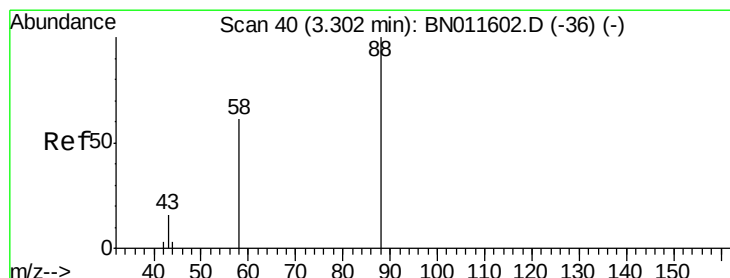
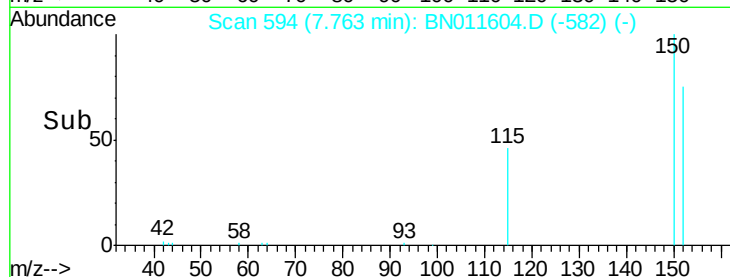
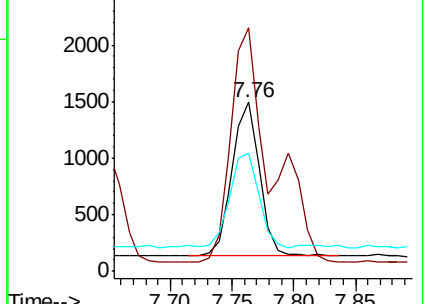
115 69.6 56.9 85.3



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: 1.832 ng

RT: 3.30 min Scan# 40

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

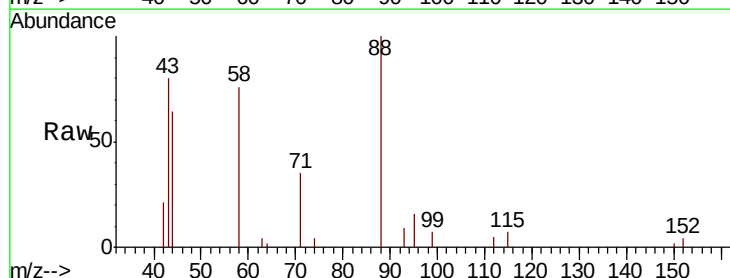
Tgt Ion: 88 Resp: 5284

Ion Ratio Lower Upper

88 100

58 72.4 3.0 4.4#

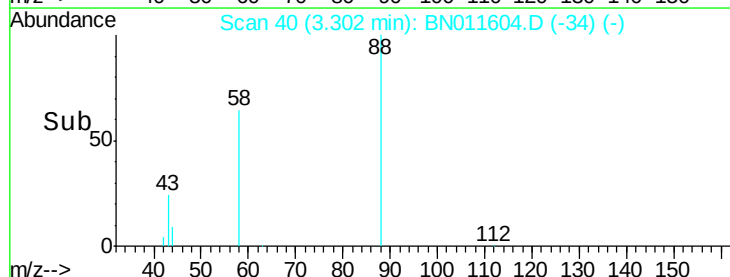
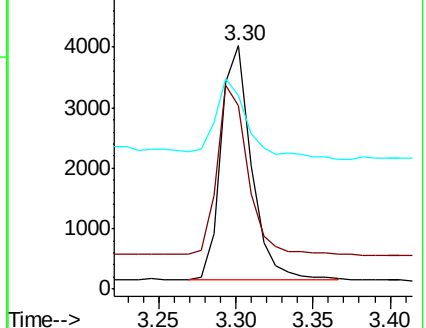
43 37.9 0.0 0.0#

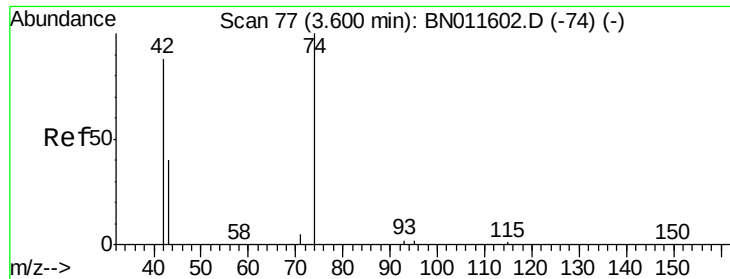


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 4.843 ng

RT: 3.60 min Scan# 77

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

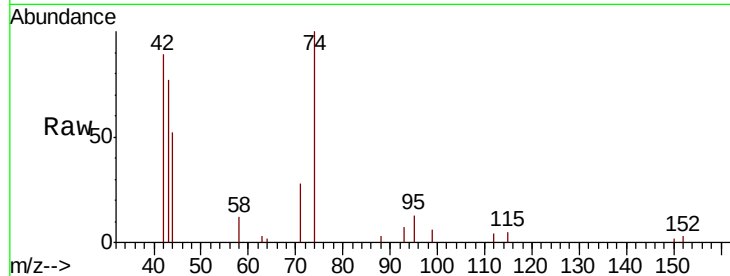
Tot Ion: 42 Resp: 5761

Ion Ratio Lower Upper

42 100

74 117.1 0.0 0.0#

44 7.9 8.2 12.4#

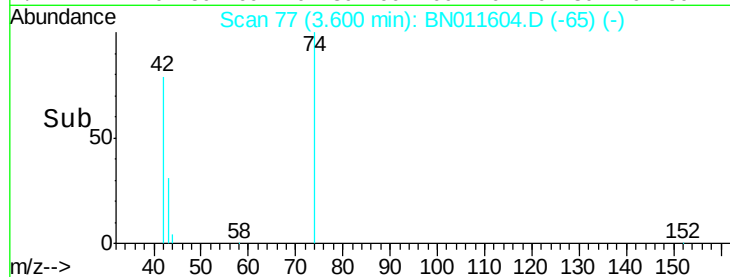


Abundance Ion 42.00 (41.70 to 42.70): BN011602.D (-74) (-)

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

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

Time-->

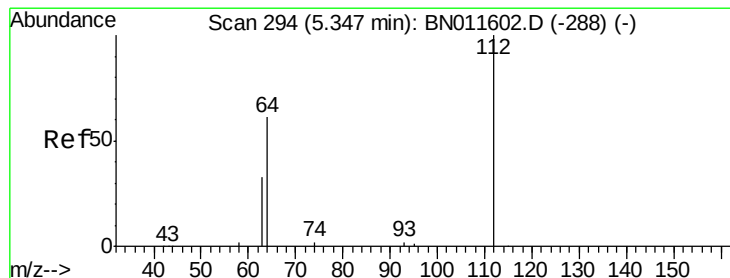


Abundance Ion 42.00 (41.70 to 42.70): BN011604.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BN011604.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BN011604.D (-65) (-)

Time-->



#4

2-Fluorophenol

Concen: 2.394 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

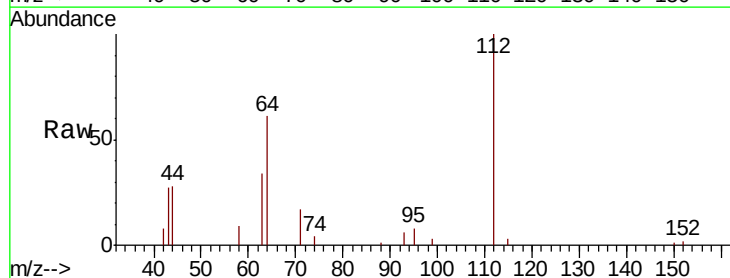
Tgt Ion: 112 Resp: 10788

Ion Ratio Lower Upper

112 100

64 60.4 49.6 74.4

63 32.5 26.4 39.6

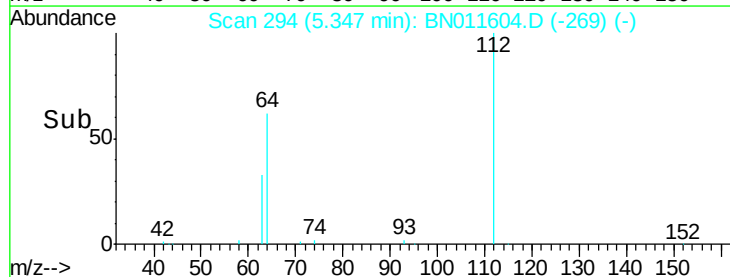


Abundance Ion 112.00 (111.70 to 112.70): BN011602.D (-288) (-)

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

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

Time-->

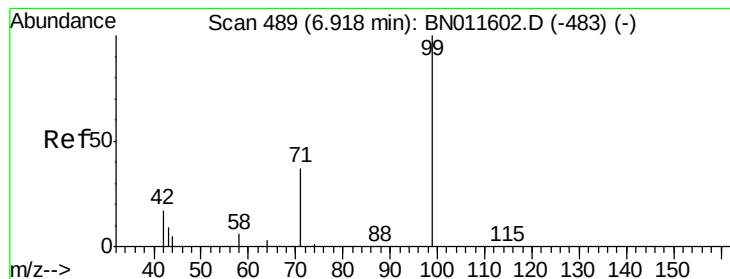


Abundance Ion 112.00 (111.70 to 112.70): BN011604.D (-269) (-)

Ion 64.00 (63.70 to 64.70): BN011604.D (-269) (-)

Ion 63.00 (62.70 to 63.70): BN011604.D (-269) (-)

Time-->



#5

Phenol-d6

Concen: 3.346 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

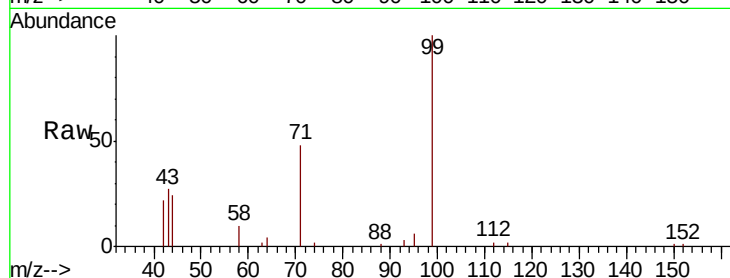
Tot Ion: 99 Resp: 15226

Ion Ratio Lower Upper

99 100

42 20.3 0.0 0.0#

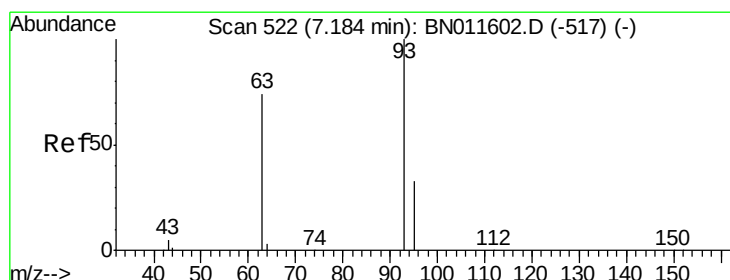
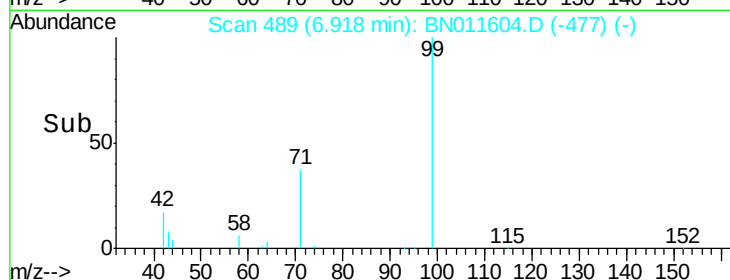
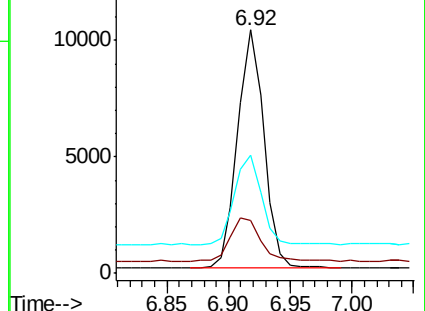
71 38.3 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011604.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011604.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011604.D (-483) (-)



#6

bis(2-Chloroethyl)ether

Concen: 2.489 ng

RT: 7.18 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

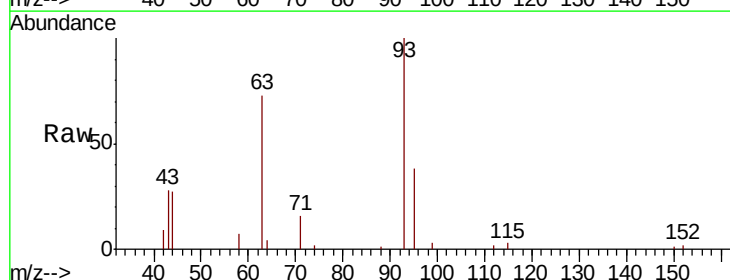
Tgt Ion: 93 Resp: 11073

Ion Ratio Lower Upper

93 100

63 74.5 57.8 86.8

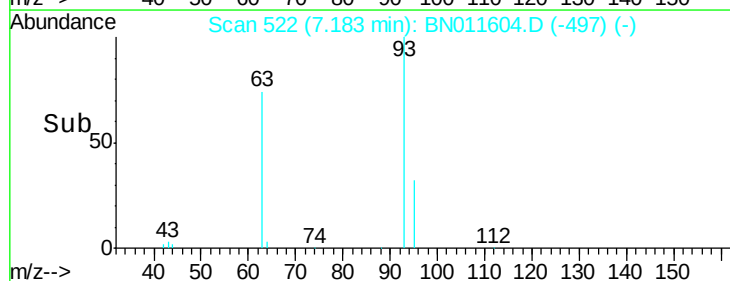
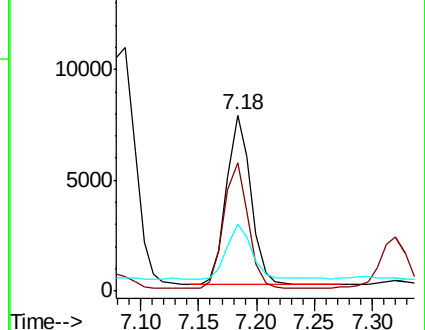
95 32.9 28.3 42.5

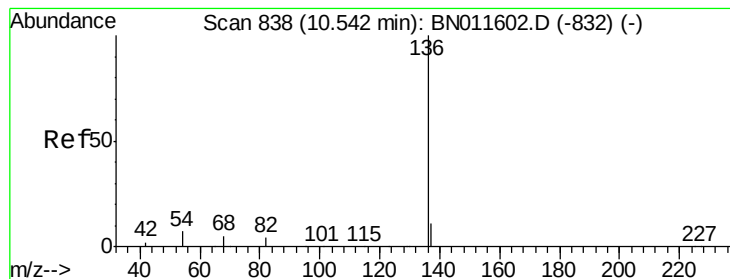


Abundance Ion 93.00 (92.70 to 93.70): BN011604.D (-517) (-)

Ion 63.00 (62.70 to 63.70): BN011604.D (-517) (-)

Ion 95.00 (94.70 to 95.70): BN011604.D (-517) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 8671

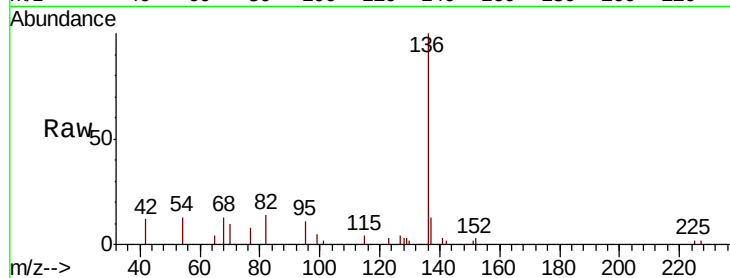
Ion Ratio Lower Upper

136 100

137 13.2 11.5 17.3

54 13.5 11.9 17.9

68 13.2 12.3 18.5

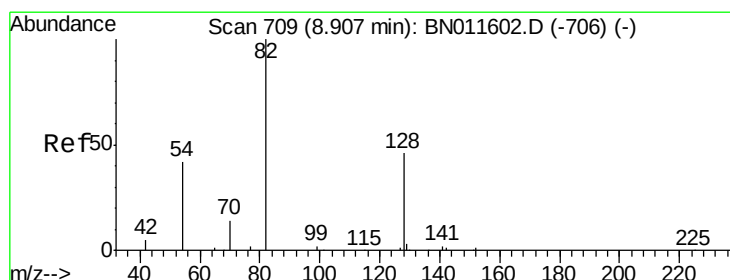
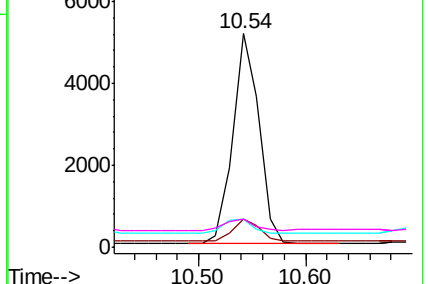
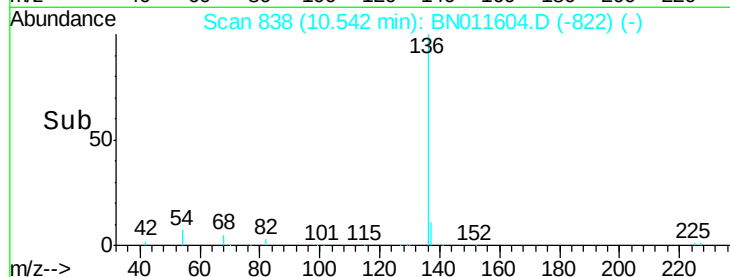


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 2.154 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

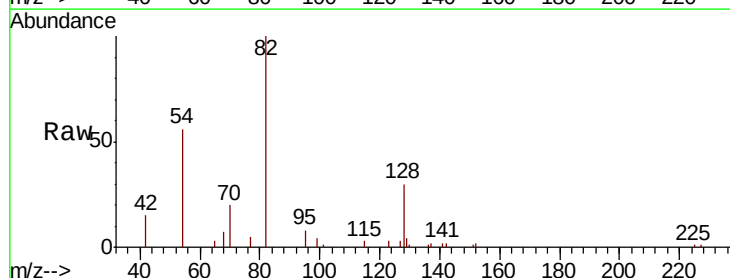
Tgt Ion: 82 Resp: 12278

Ion Ratio Lower Upper

82 100

128 30.5 31.1 46.7#

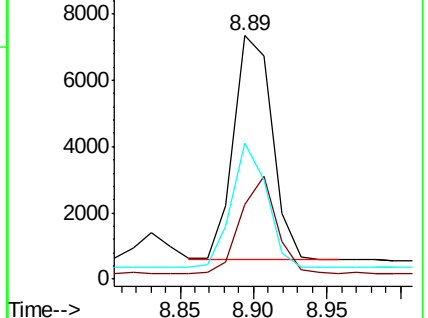
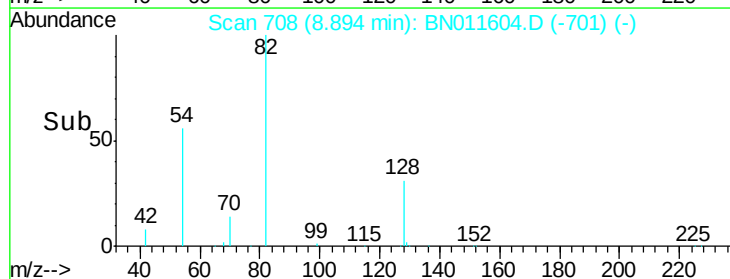
54 56.0 37.1 55.7#

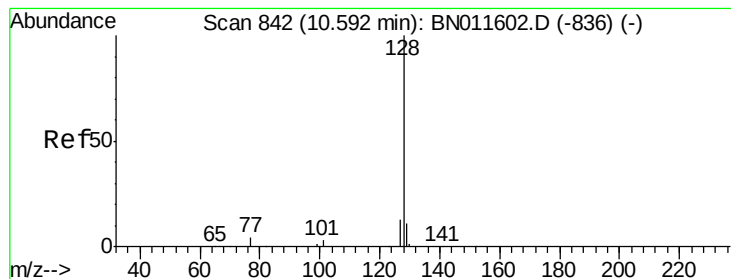


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.606 ng

RT: 10.59 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

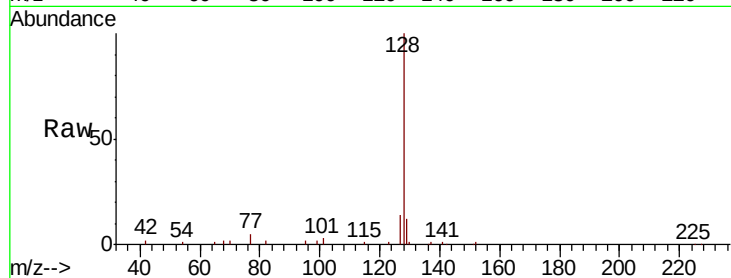
Tot Ion:128 Resp: 40351

Ion Ratio Lower Upper

128 100

129 11.6 11.0 16.4

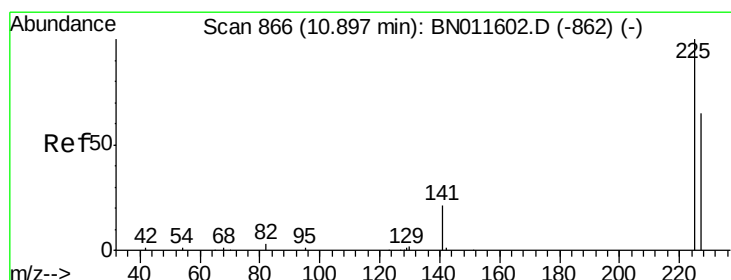
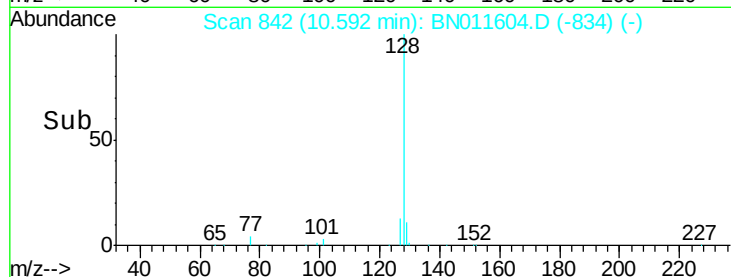
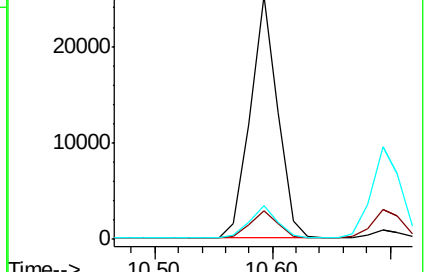
127 13.8 13.5 20.3



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: 1.219 ng

RT: 10.90 min Scan# 866

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

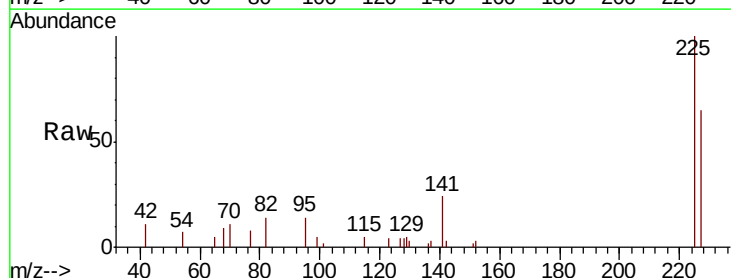
Tgt Ion:225 Resp: 8574

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

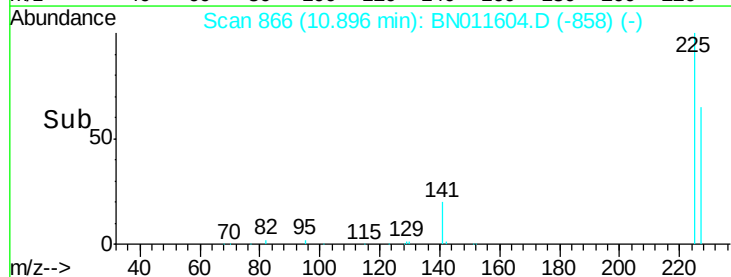
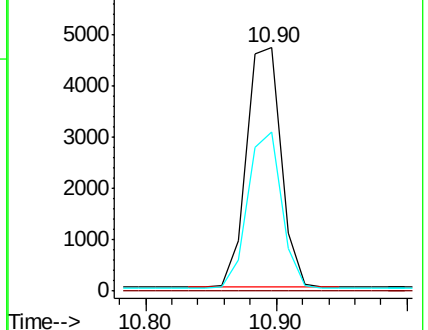
227 63.2 50.2 75.2

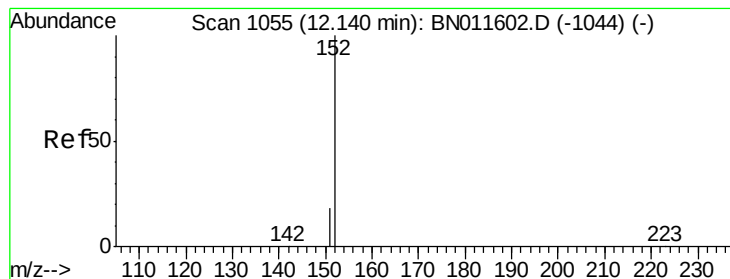


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.740 ng

RT: 12.14 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

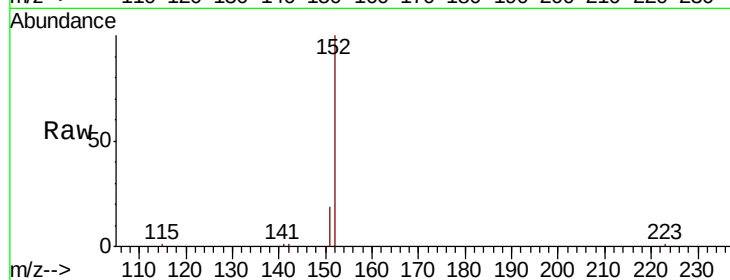
SSTDICC1.6

Tot Ion:152 Resp: 26957

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

20000

15000

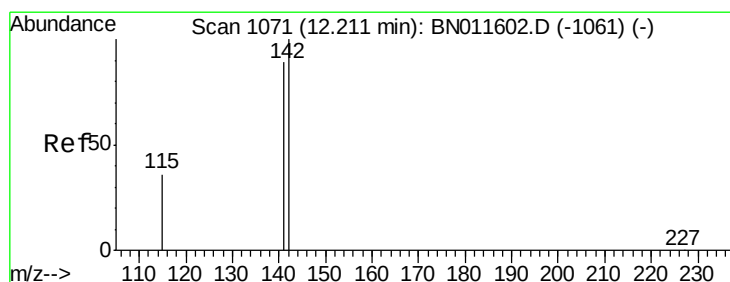
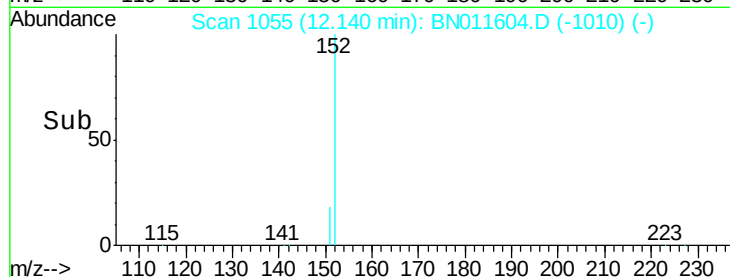
10000

5000

0

Time-->

12.10 12.20



#12

2-Methylnaphthalene

Concen: 1.724 ng

RT: 12.21 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

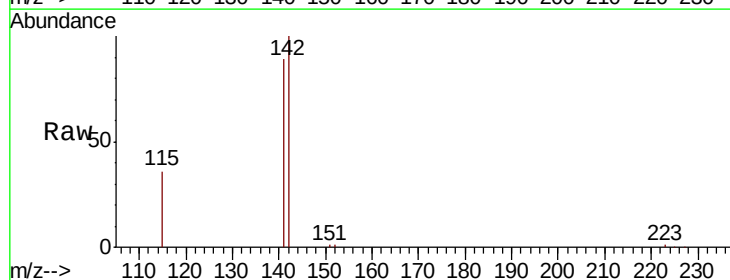
Tgt Ion:142 Resp: 29804

Ion Ratio Lower Upper

142 100

141 89.4 72.7 109.1

115 36.1 32.7 49.1



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

12.21

25000

20000

15000

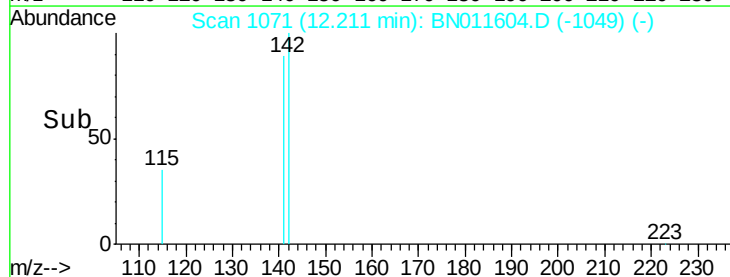
10000

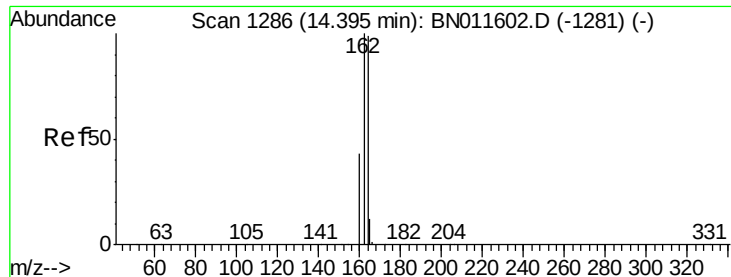
5000

0

Time-->

12.15 12.20 12.25

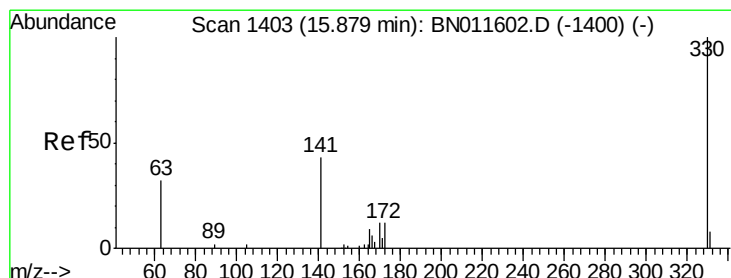
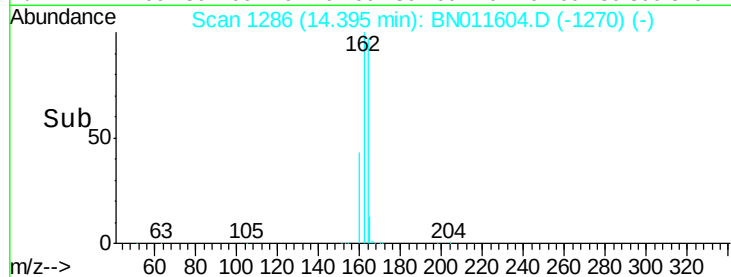
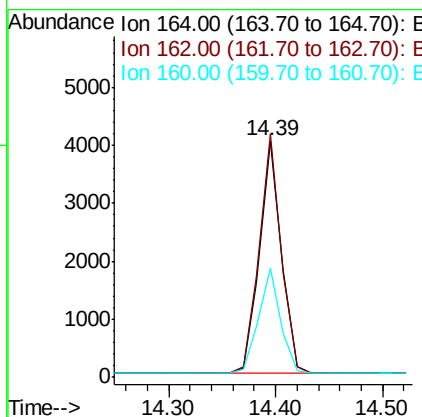
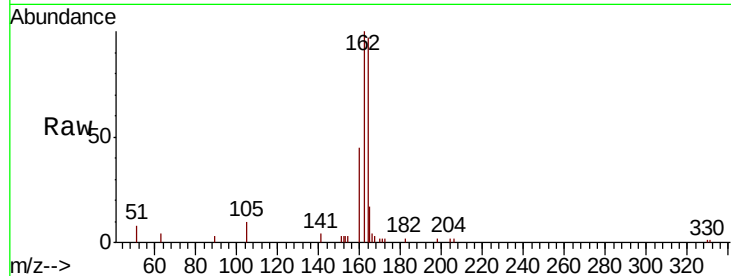




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN011604.D
Acq: 24 Aug 2020 19:22

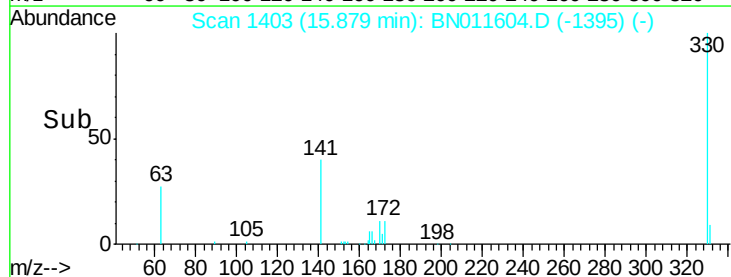
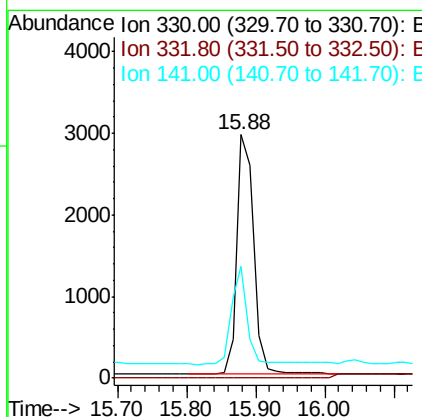
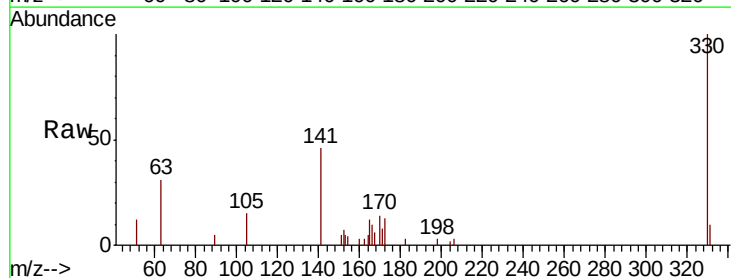
Instrument :
BNA_N
ClientSampled :
SSTDICC1.6

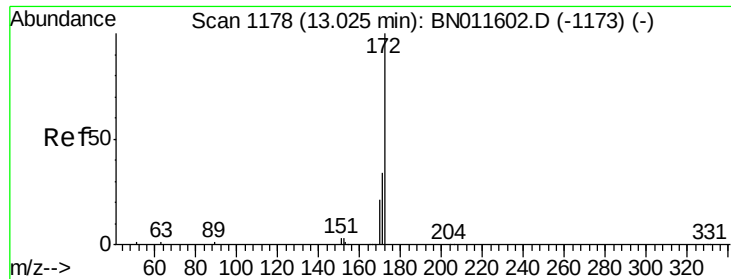
Tot Ion:164 Resp: 5746
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 46.0 35.6 53.4



#14
2,4,6-Tribromophenol
Concen: 1.756 ng
RT: 15.88 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN011604.D
Acq: 24 Aug 2020 19:22

Tgt Ion:330 Resp: 5022
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.1 29.4 44.2

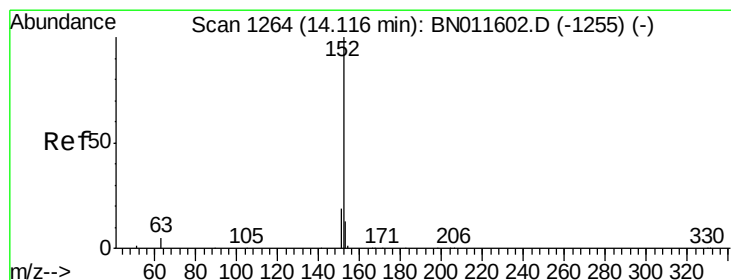
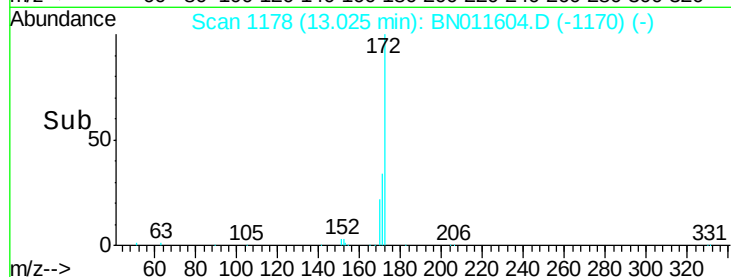
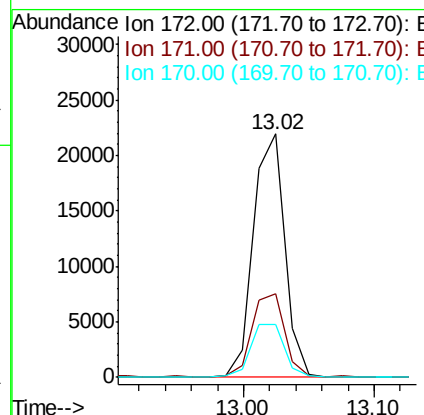
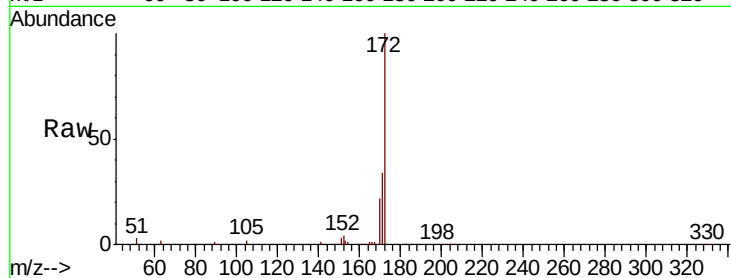




#15
2-Fluorobiphenyl
Concen: 1.532 ng
RT: 13.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011604.D
Acq: 24 Aug 2020 19:22

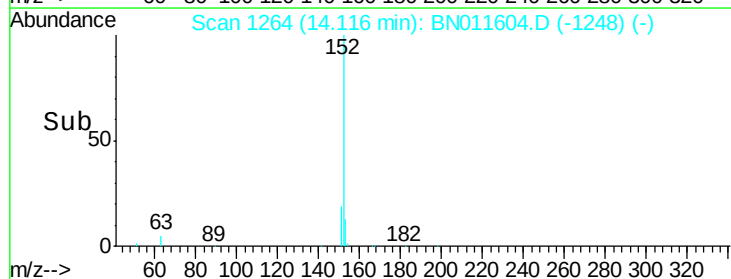
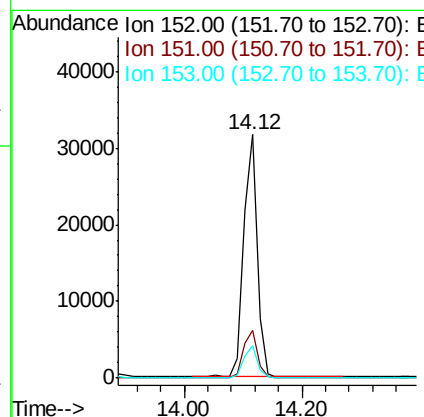
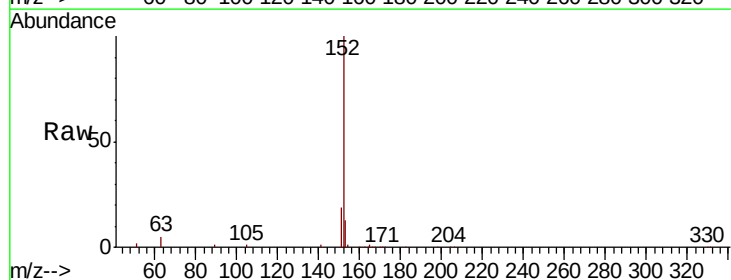
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

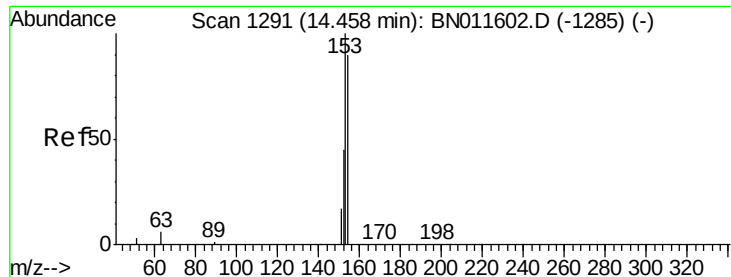
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	42.8
170	21.9	18.2	27.2



#16
Acenaphthylene
Concen: 1.673 ng
RT: 14.12 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011604.D
Acq: 24 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	13.1	11.0	16.4

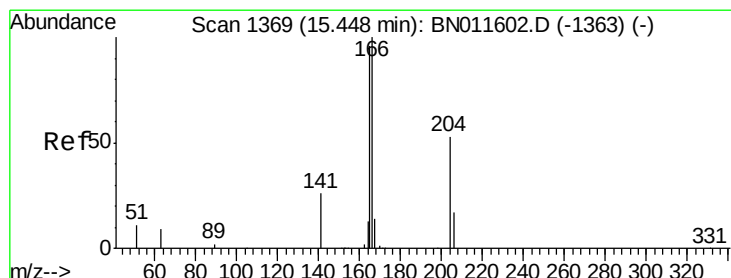
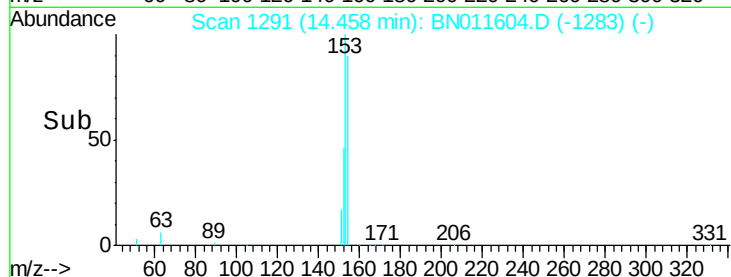
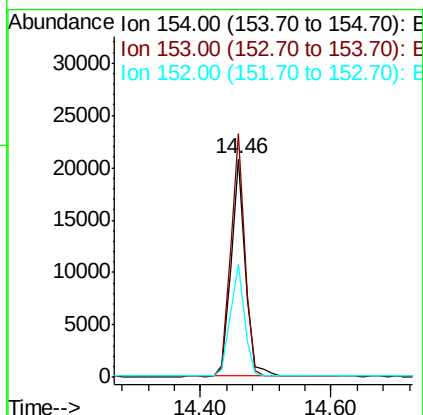
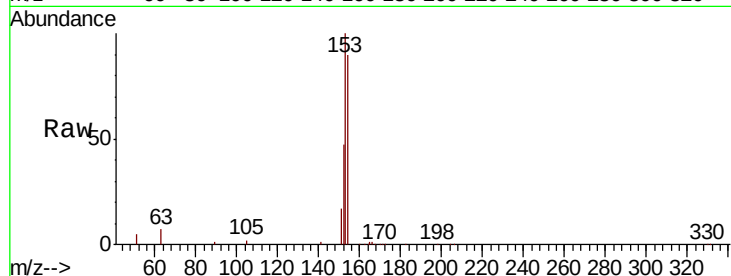




#17
Acenaphthene
Concen: 1.635 ng
RT: 14.46 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BN011604.D
Acq: 24 Aug 2020 19:22

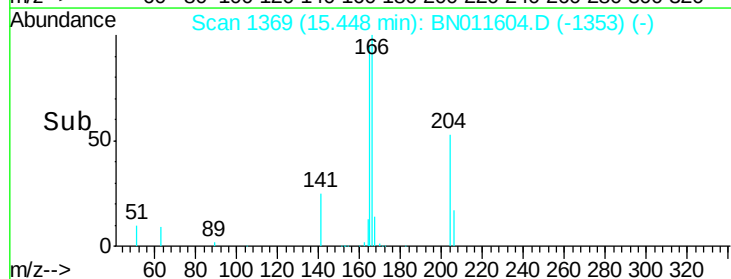
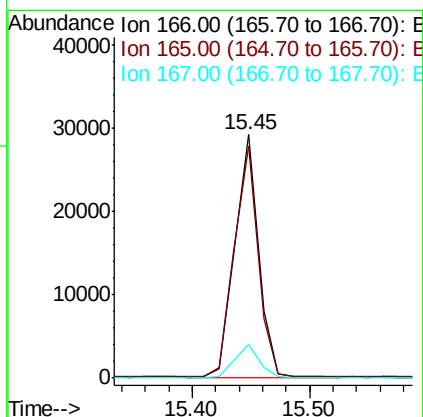
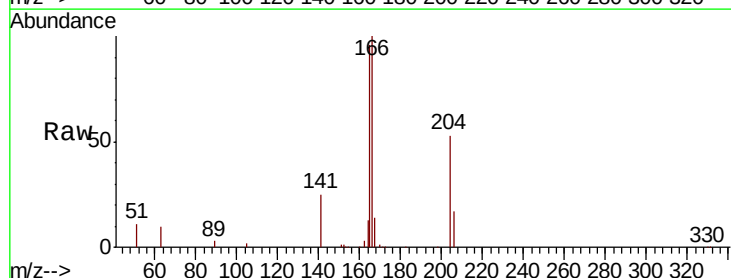
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

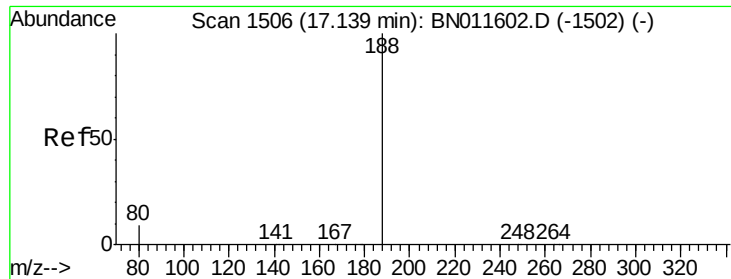
Tot Ion	Ratio	Lower	Upper
154	100		
153	108.1	86.6	130.0
152	50.5	40.1	60.1



#18
Fluorene
Concen: 1.586 ng
RT: 15.45 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BN011604.D
Acq: 24 Aug 2020 19:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.4	116.2
167	13.8	11.5	17.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

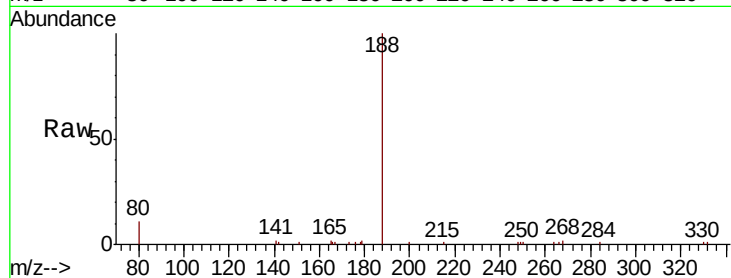
Tot Ion:188 Resp: 12948

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

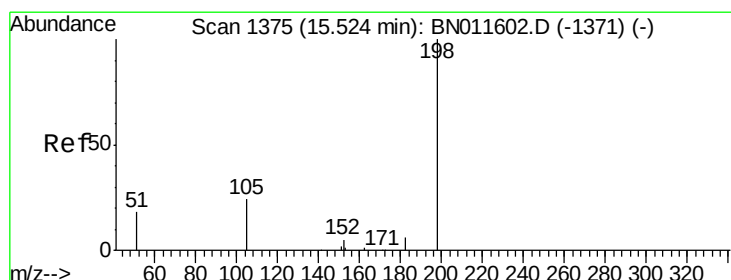
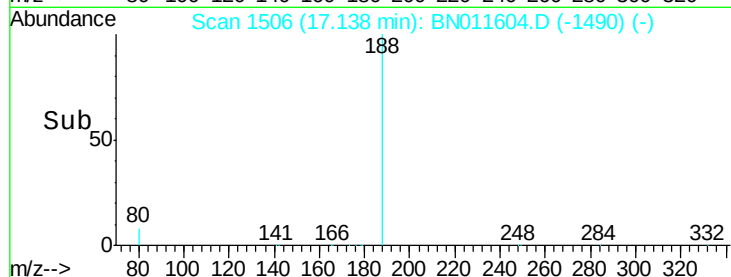
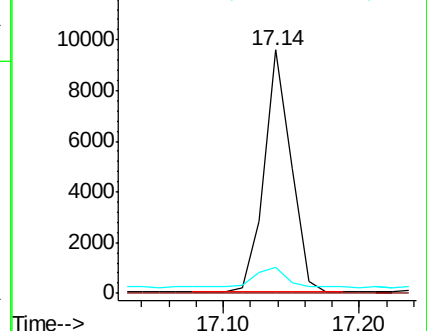
80 10.9 9.2 13.8



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: 1.614 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

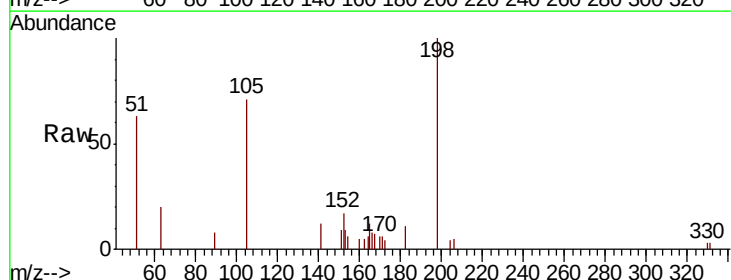
Tgt Ion:198 Resp: 2525

Ion Ratio Lower Upper

198 100

51 63.1 99.6 149.4#

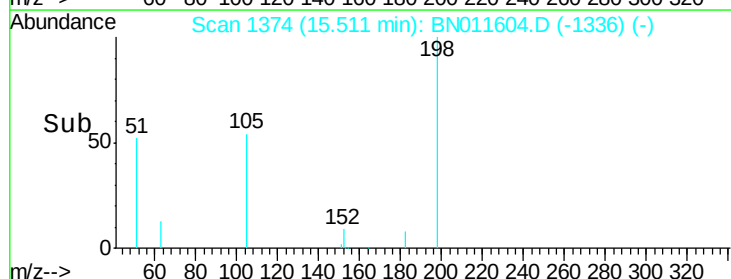
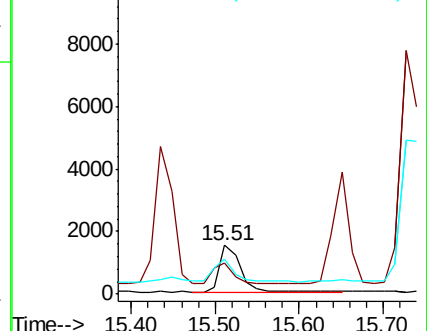
105 70.8 118.8 178.2#

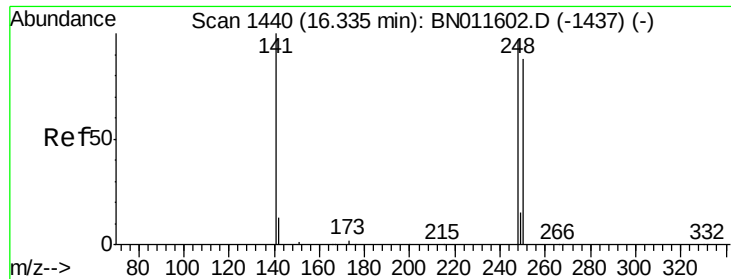


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 4.331 ng

RT: 16.34 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

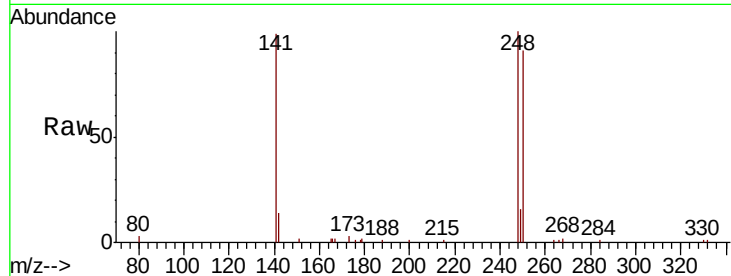
Tot Ion:248 Resp: 12251

Ion Ratio Lower Upper

248 100

250 90.8 73.4 110.2

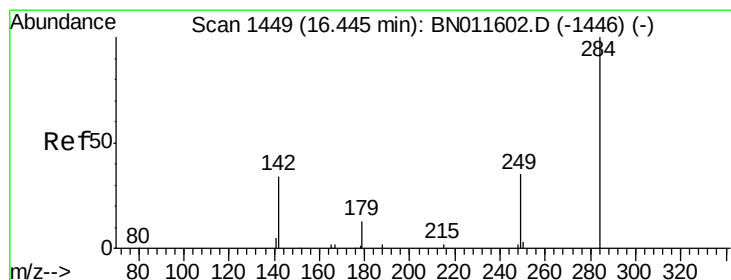
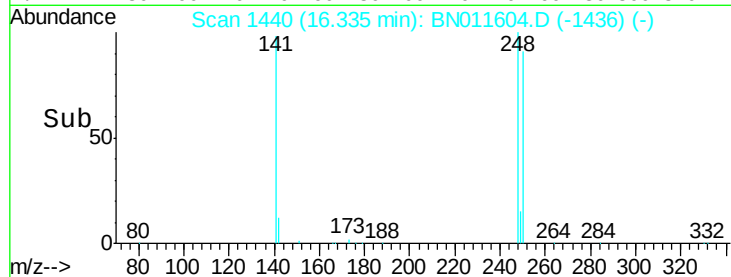
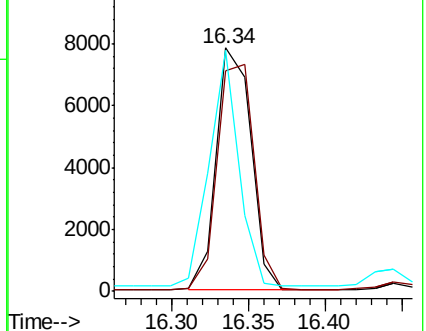
141 99.1 88.5 132.7



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: 1.434 ng

RT: 16.44 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

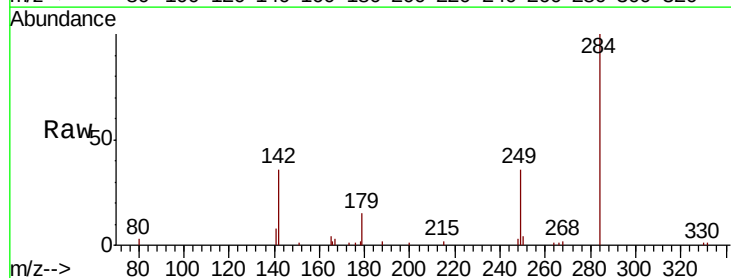
Tgt Ion:284 Resp: 14314

Ion Ratio Lower Upper

284 100

142 33.3 27.3 40.9

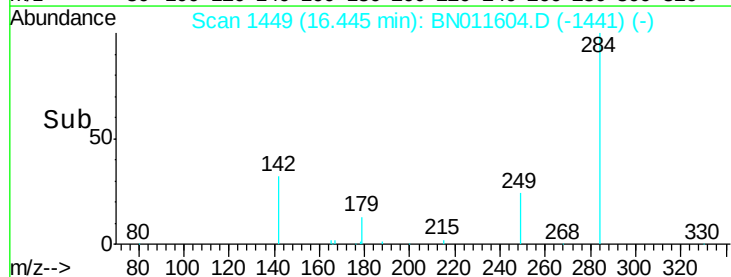
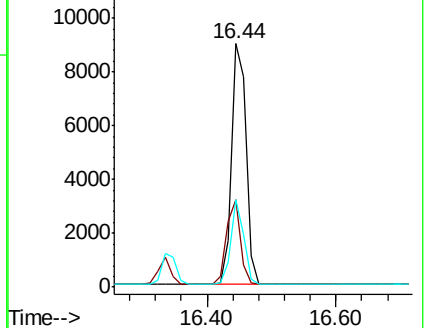
249 31.1 25.2 37.8

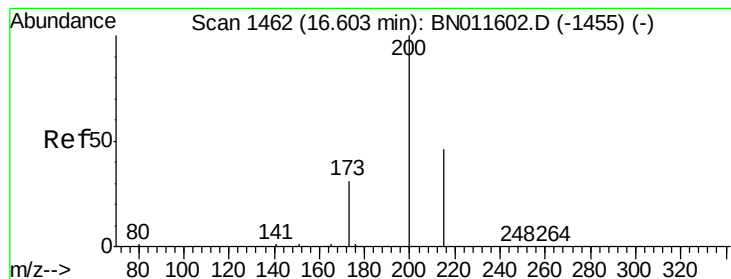


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 1.863 ng

RT: 16.60 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampled :

SSTDICC1.6

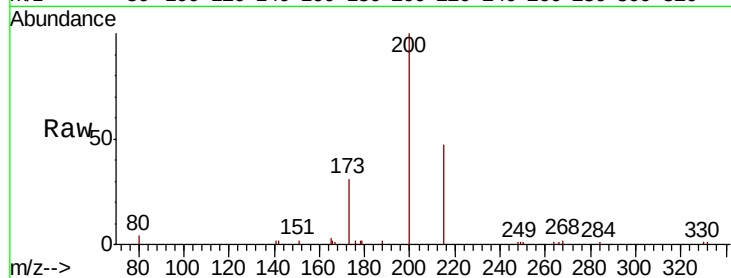
Tot Ion:200 Resp: 12549

Ion Ratio Lower Upper

200 100

173 31.5 28.2 42.4

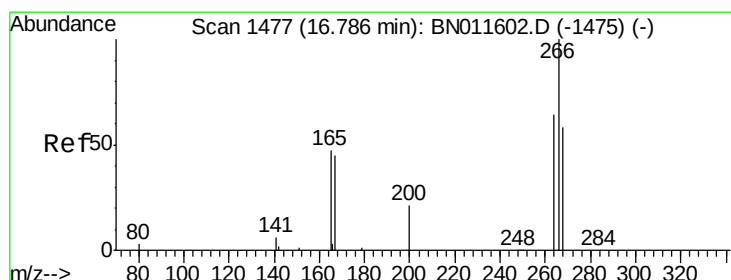
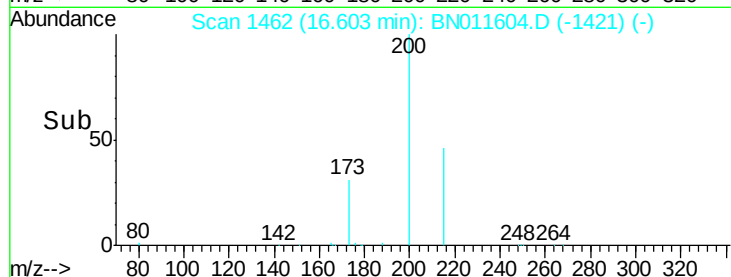
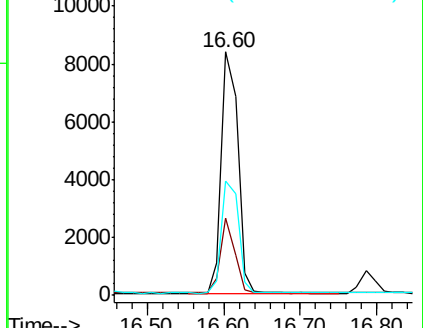
215 46.7 39.8 59.6



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: 2.052 ng

RT: 16.79 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

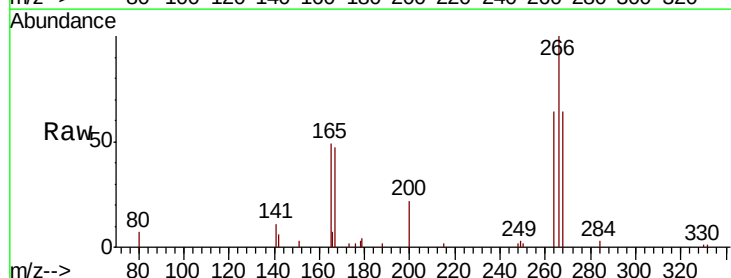
Tgt Ion:266 Resp: 6385

Ion Ratio Lower Upper

266 100

264 62.3 48.1 72.1

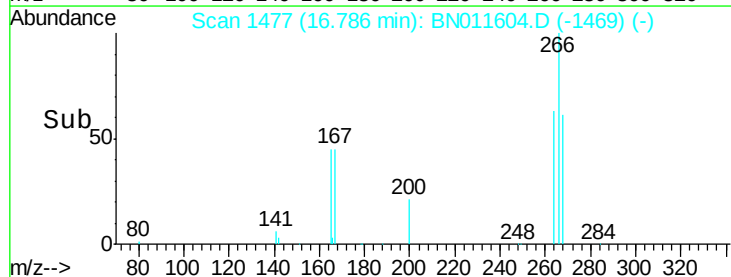
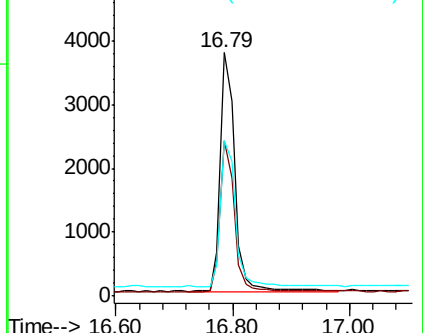
268 64.4 48.4 72.6

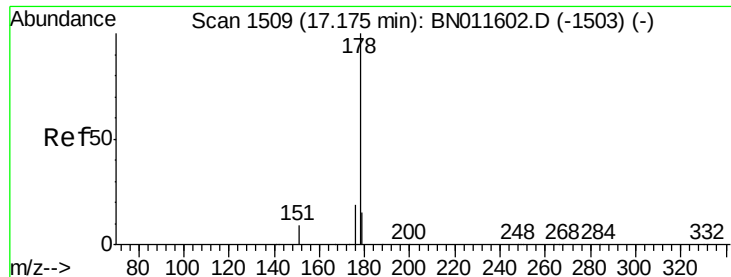


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 1.594 ng

RT: 17.17 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

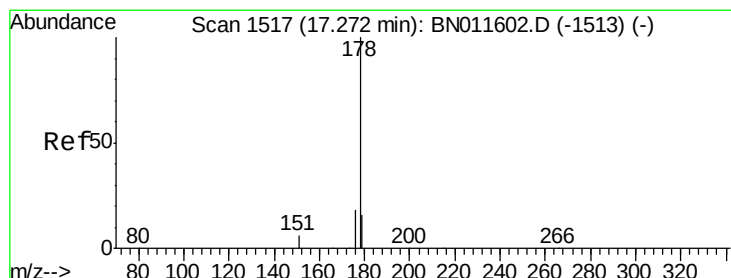
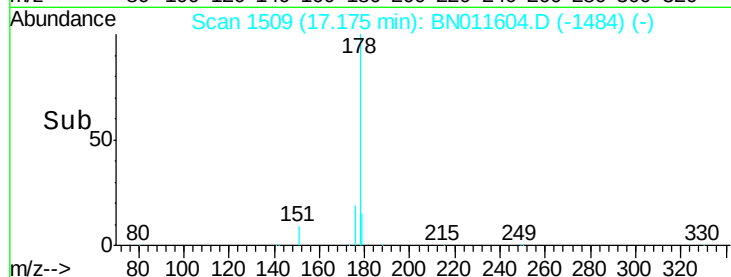
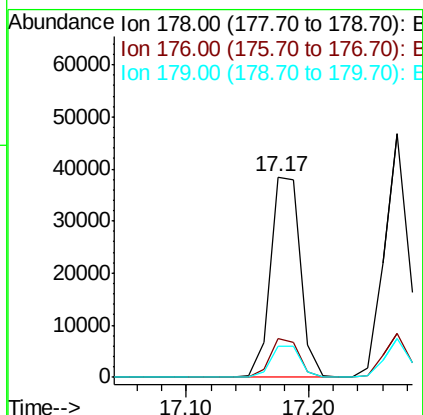
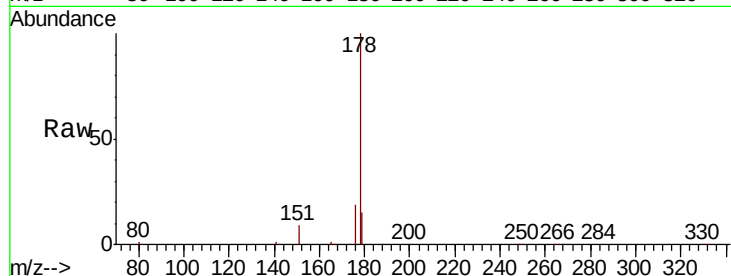
Tot Ion:178 Resp: 64964

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.3 12.6 18.8



#26

Anthracene

Concen: 1.878 ng

RT: 17.27 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

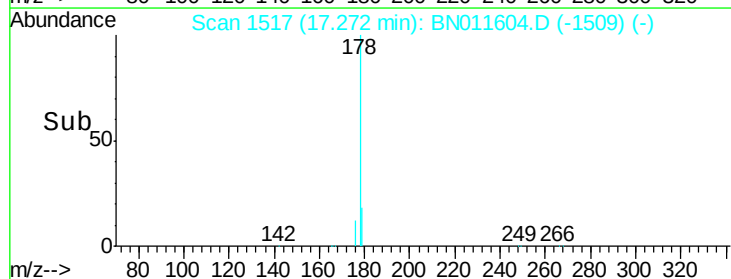
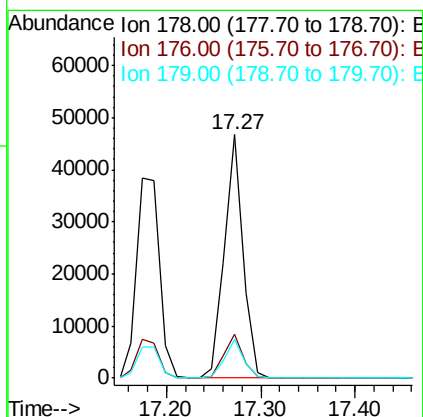
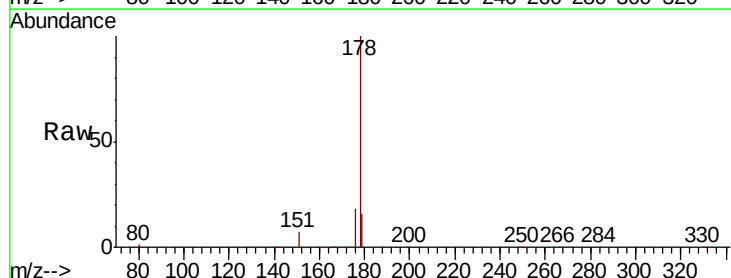
Tgt Ion:178 Resp: 63829

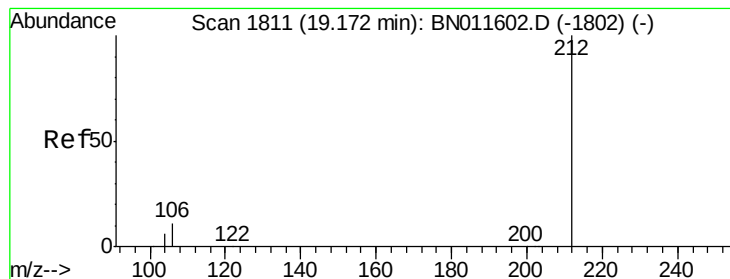
Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

179 15.3 12.5 18.7





#27

Fluoranthene-d10

Concen: 1.577 ng

RT: 19.18 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

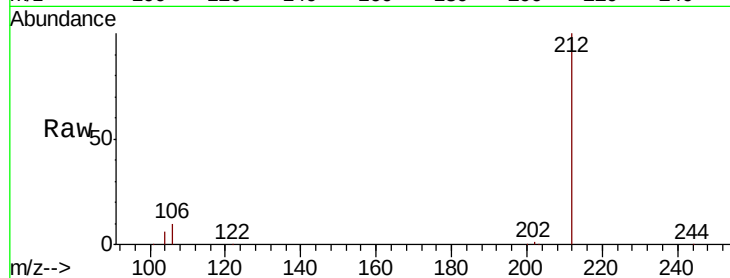
Tot Ion:212 Resp: 68806

Ion Ratio Lower Upper

212 100

106 10.9 8.9 13.3

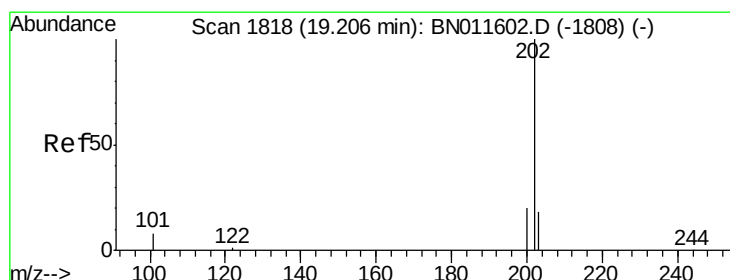
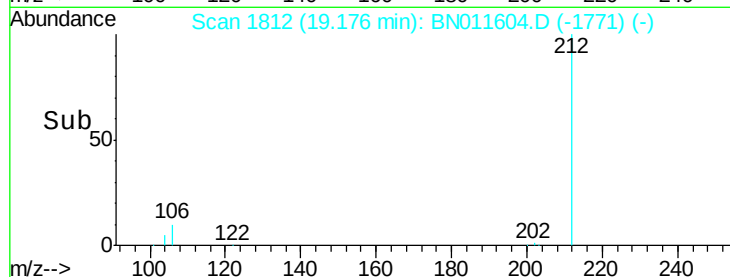
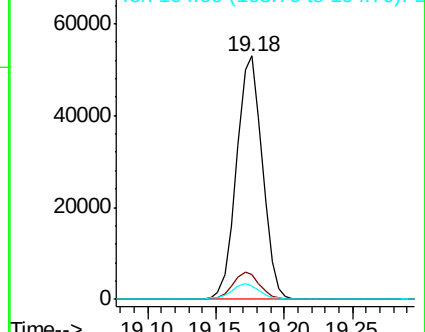
104 6.2 5.3 7.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#28

Fluoranthene

Concen: 1.491 ng

RT: 19.21 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

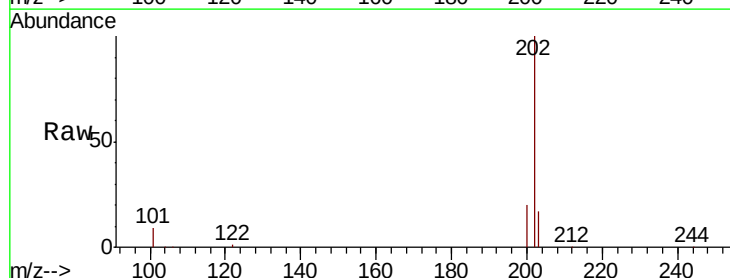
Tgt Ion:202 Resp: 78171

Ion Ratio Lower Upper

202 100

101 9.4 7.7 11.5

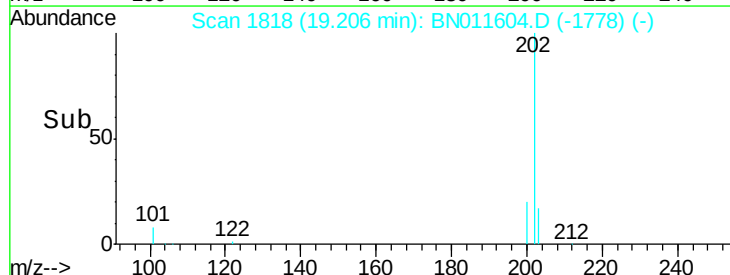
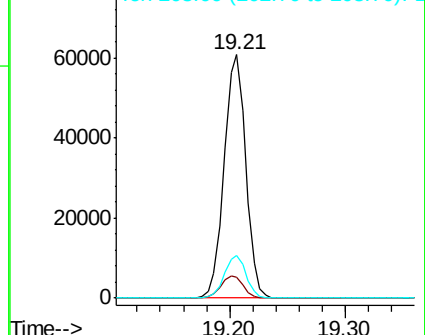
203 17.4 13.9 20.9

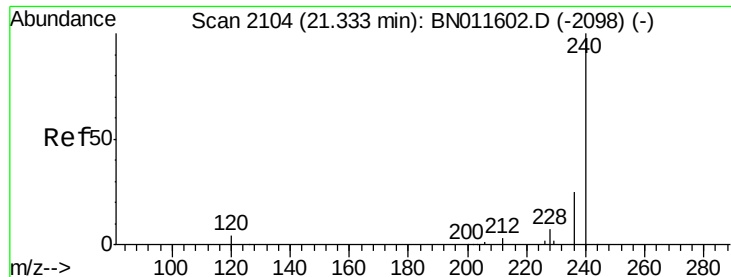


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

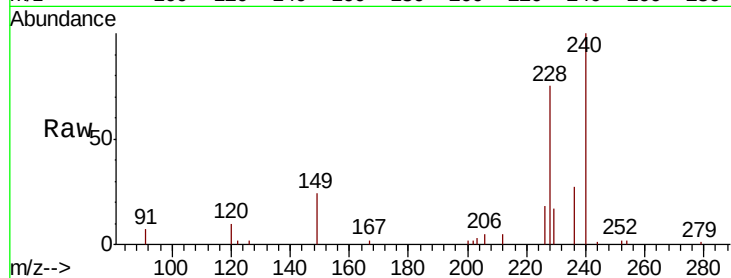
Tot Ion:240 Resp: 14150

Ion Ratio Lower Upper

240 100

120 9.9 6.0 9.0#

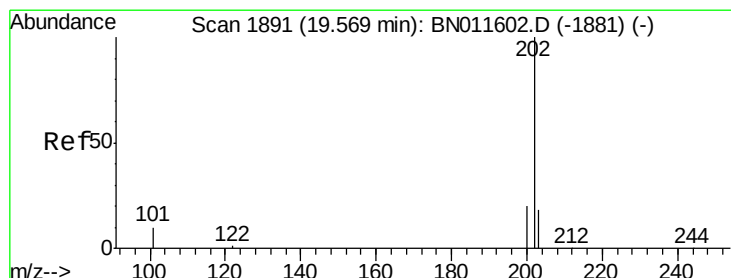
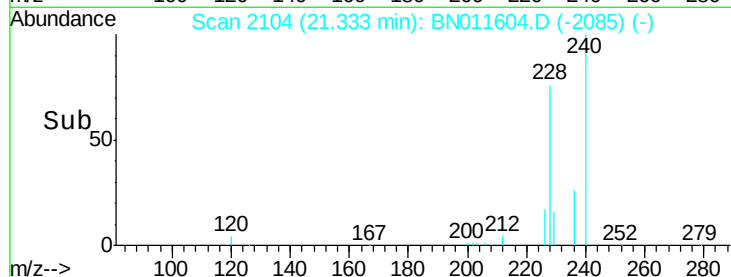
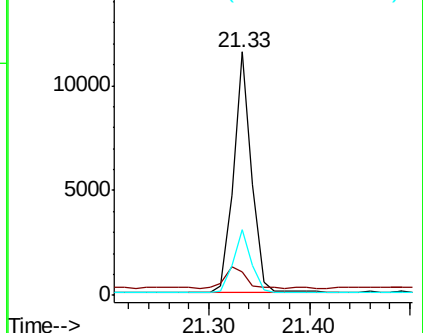
236 26.8 20.8 31.2



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: 1.420 ng

RT: 19.57 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

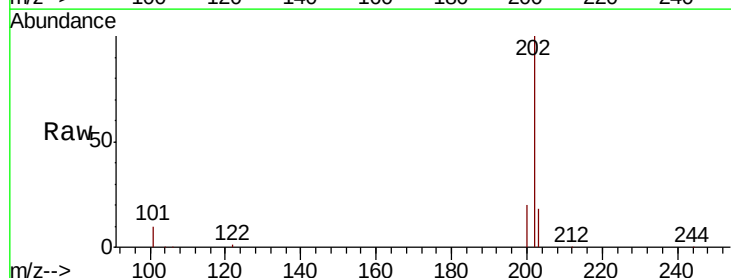
Tgt Ion:202 Resp: 79913

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

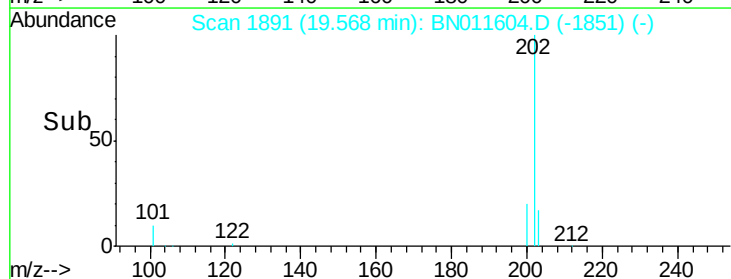
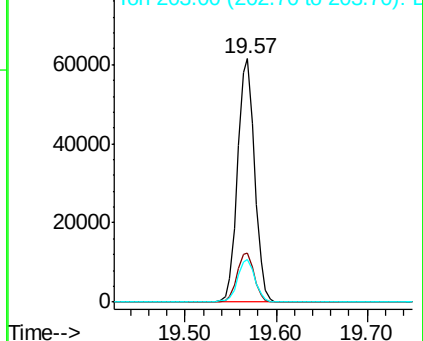
203 17.6 14.2 21.4

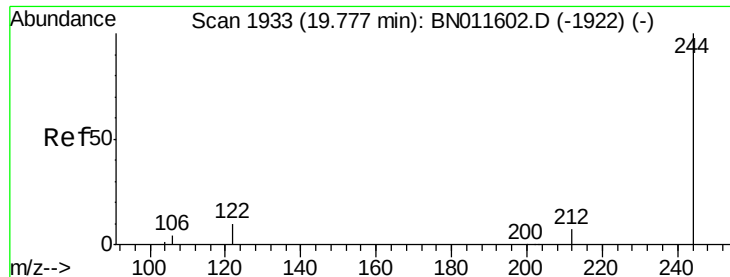


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 1.573 ng

RT: 19.78 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

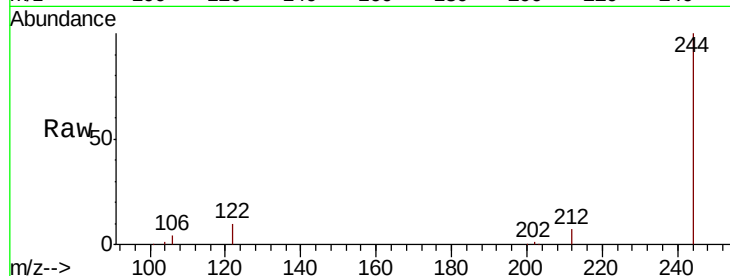
Tot Ion:244 Resp: 58048

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

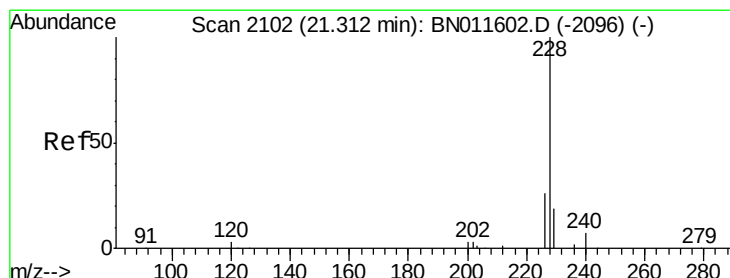
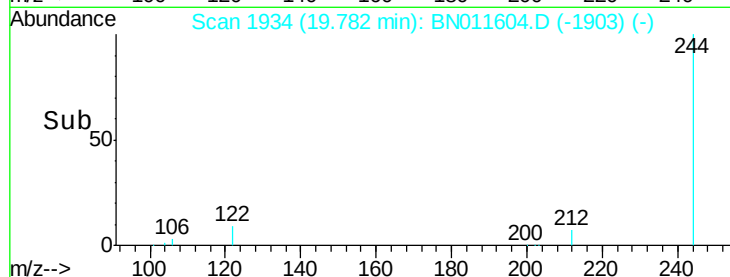
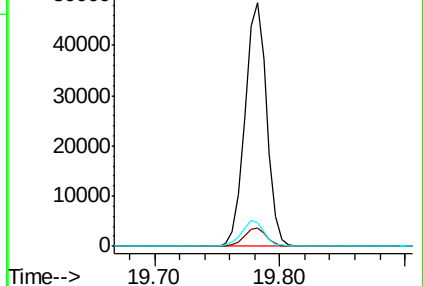
122 9.7 9.5 14.3



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: 1.736 ng

RT: 21.32 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

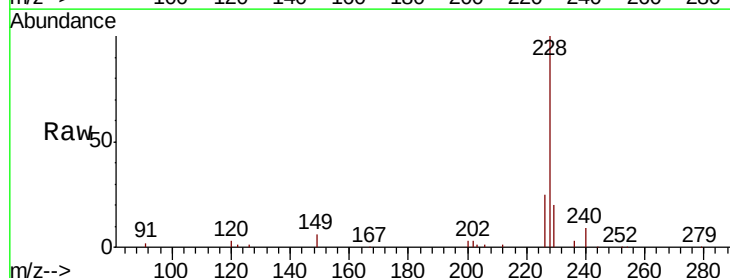
Tgt Ion:228 Resp: 80678

Ion Ratio Lower Upper

228 100

226 25.2 21.2 31.8

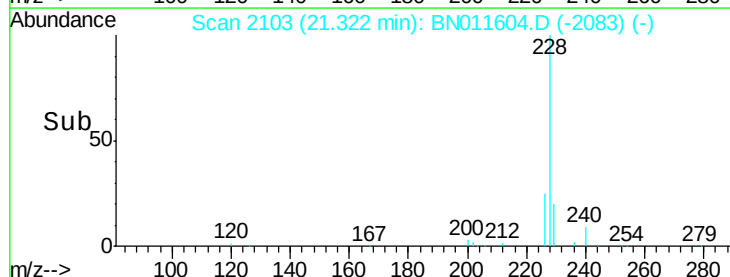
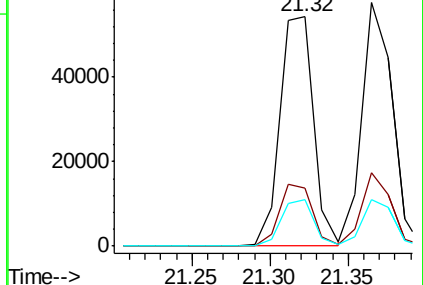
229 20.4 15.8 23.8

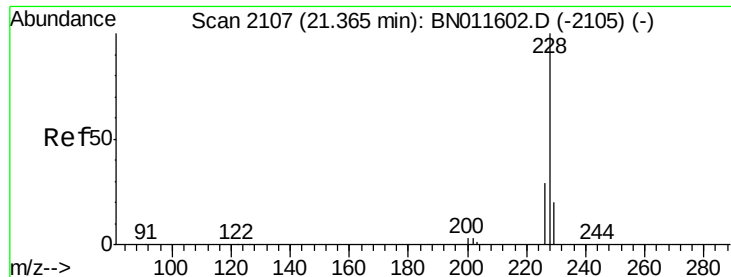


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 1.455 ng

RT: 21.36 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

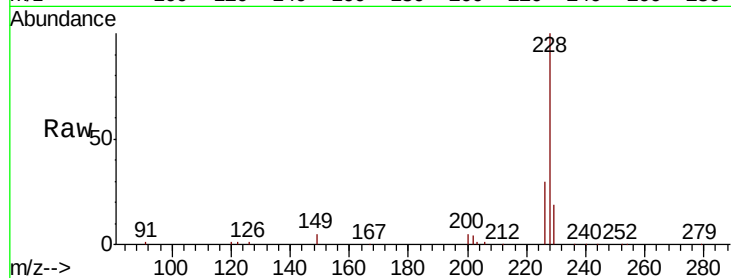
Tot Ion:228 Resp: 76915

Ion Ratio Lower Upper

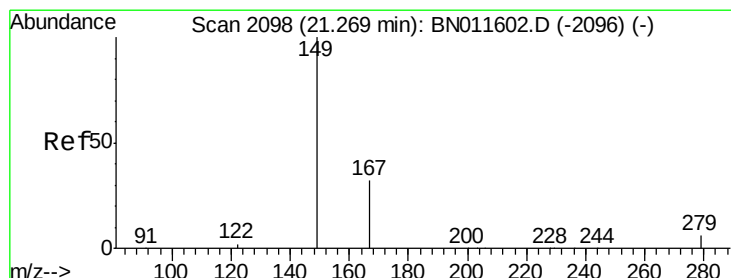
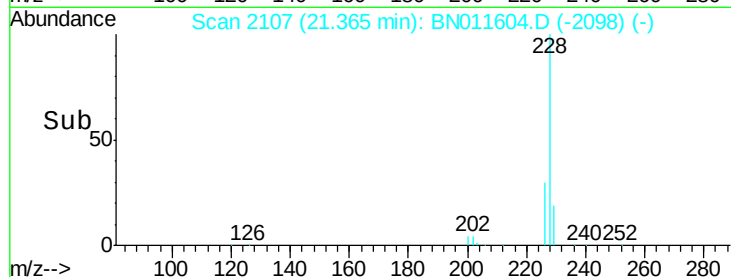
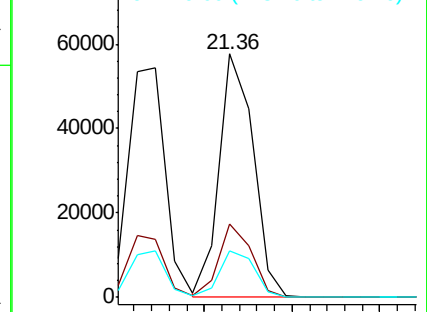
228 100

226 30.0 23.6 35.4

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



#34

Bis(2-ethylhexyl)phthalate

Concen: 2.109 ng

RT: 21.27 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

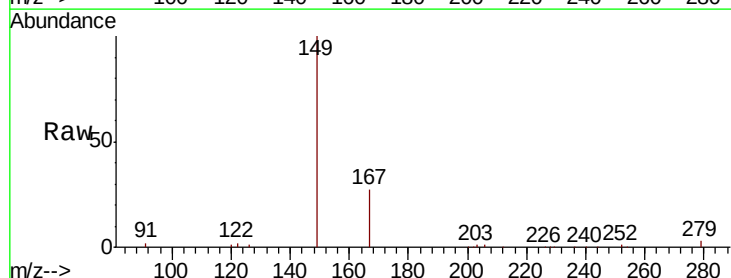
Tgt Ion:149 Resp: 48738

Ion Ratio Lower Upper

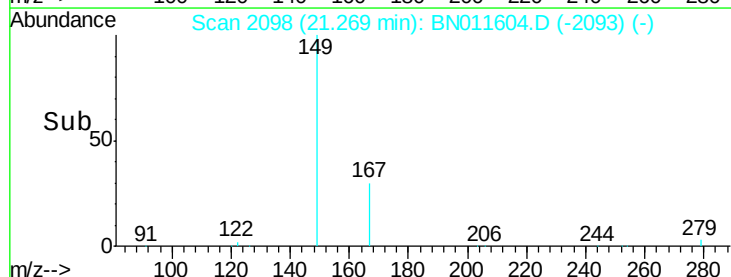
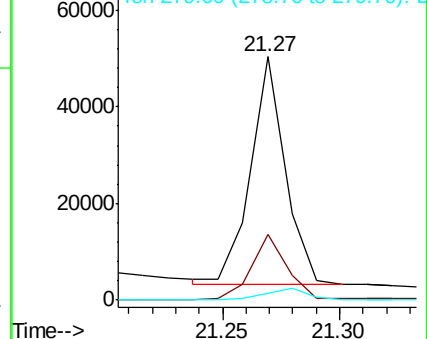
149 100

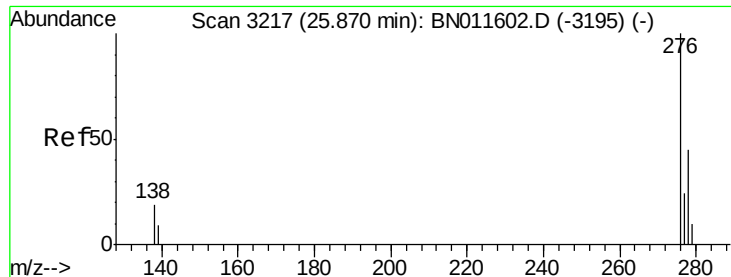
167 28.6 20.6 31.0

279 5.1 3.8 5.8



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

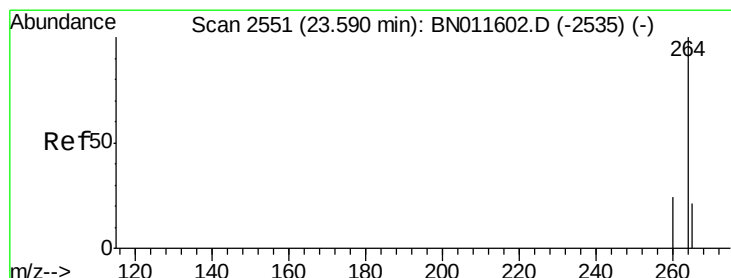
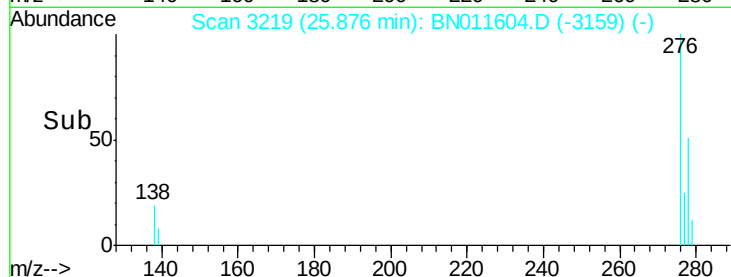
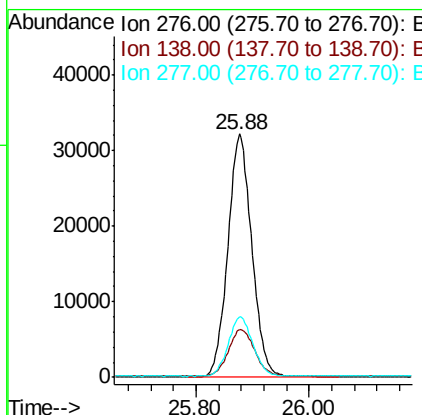
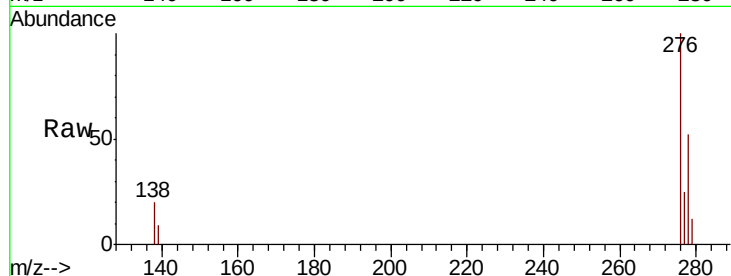




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 1.969 ng
 RT: 25.88 min Scan# 3219
 Delta R.T. 0.01 min
 Lab File: BN011604.D
 Acq: 24 Aug 2020 19:22

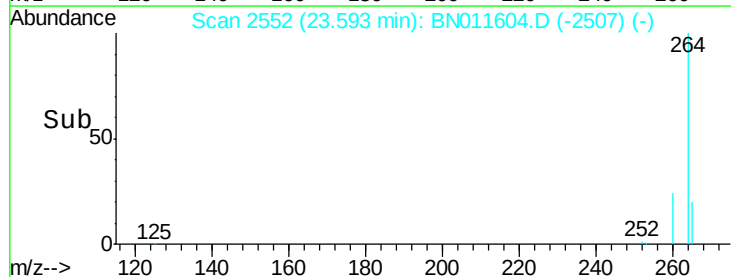
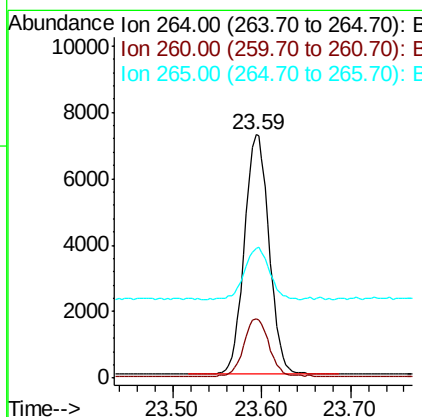
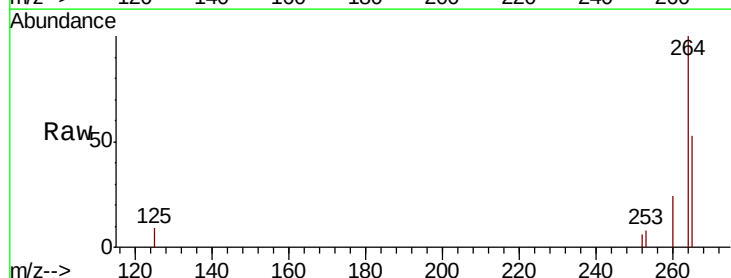
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

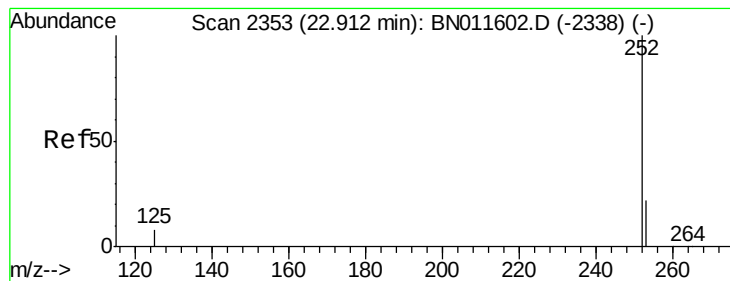
Tot Ion:276 Resp: 94530
 Ion Ratio Lower Upper
 276 100
 138 20.5 0.0 0.0#
 277 25.2 0.0 0.0#



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.59 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: BN011604.D
 Acq: 24 Aug 2020 19:22

Tgt Ion:264 Resp: 13931
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 53.0 40.7 61.1





#37

Benzo(b)fluoranthene

Concen: 1.595 ng

RT: 22.92 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

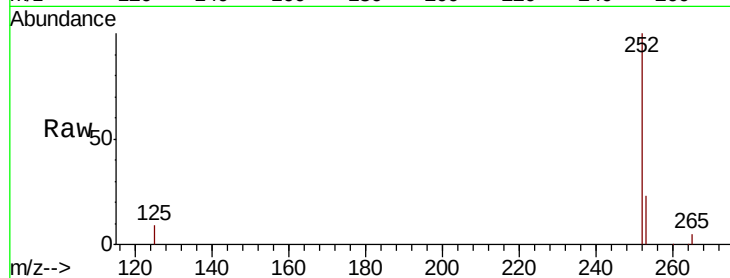
Tot Ion:252 Resp: 82117

Ion Ratio Lower Upper

252 100

253 22.9 21.0 31.6

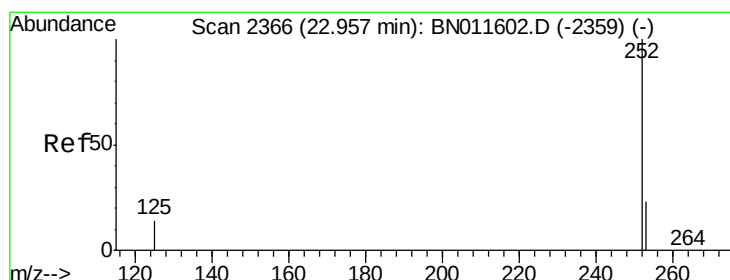
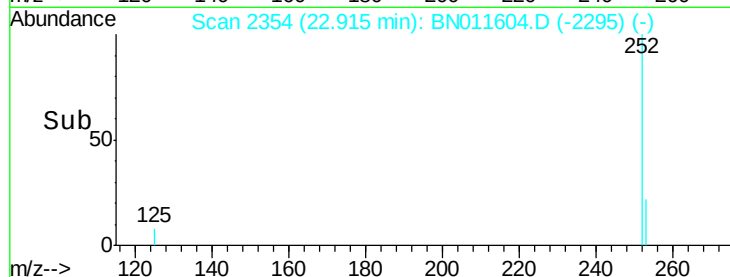
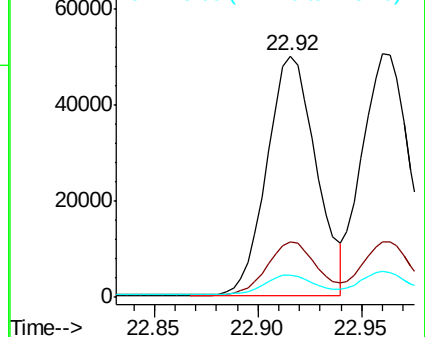
125 9.4 11.0 16.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 1.312 ng

RT: 22.96 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

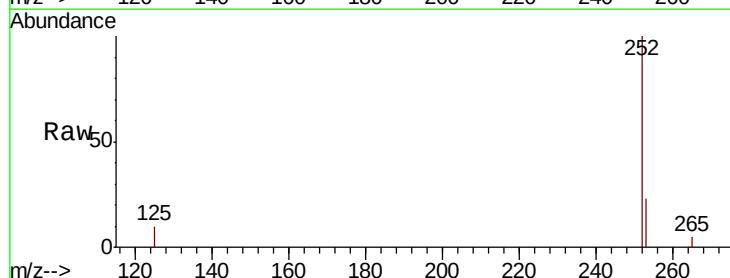
Tgt Ion:252 Resp: 80507

Ion Ratio Lower Upper

252 100

253 22.7 21.2 31.8

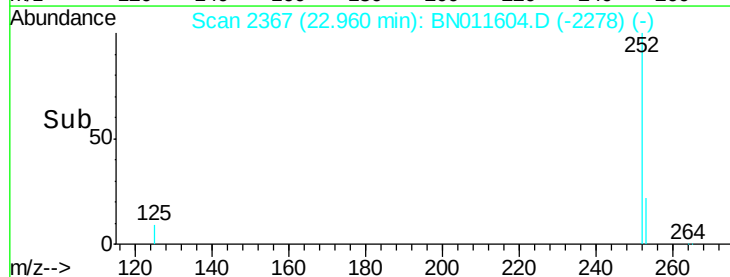
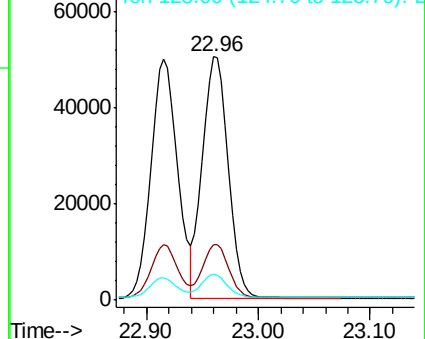
125 10.4 14.6 21.8#

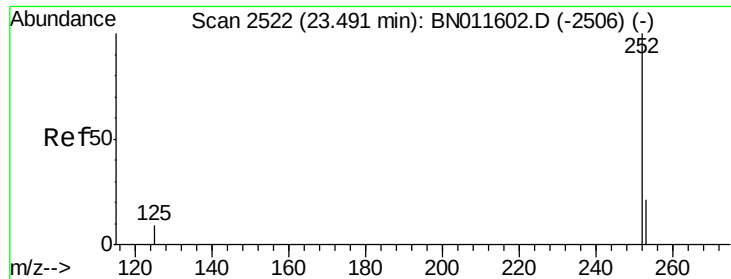


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 1.585 ng

RT: 23.49 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

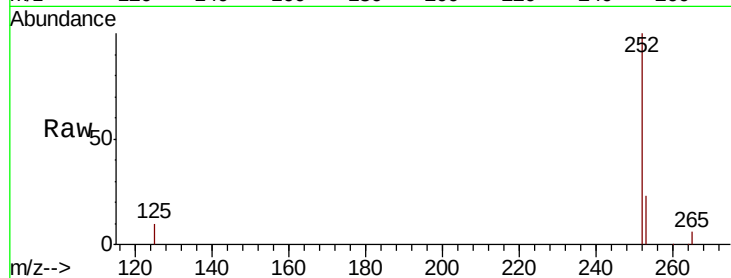
Tot Ion:252 Resp: 75538

Ion Ratio Lower Upper

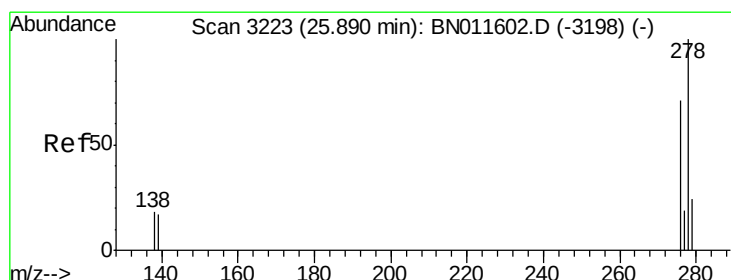
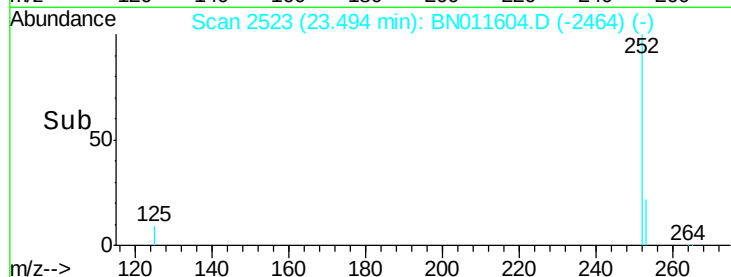
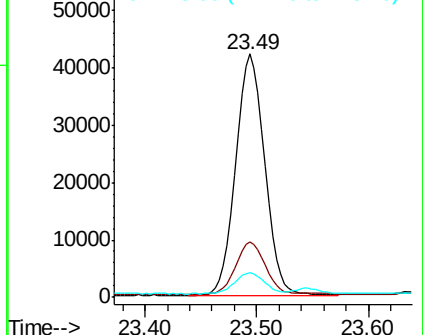
252 100

253 22.7 21.2 31.8

125 10.2 12.1 18.1#



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: 1.975 ng

RT: 25.90 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

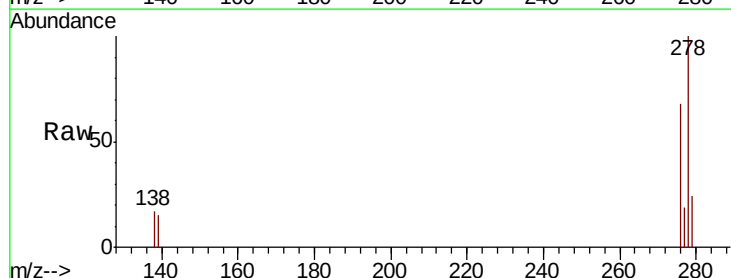
Tgt Ion:278 Resp: 78710

Ion Ratio Lower Upper

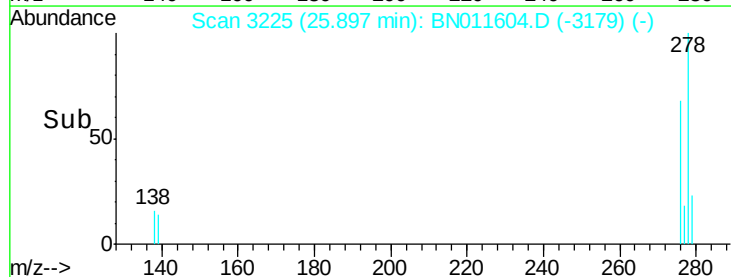
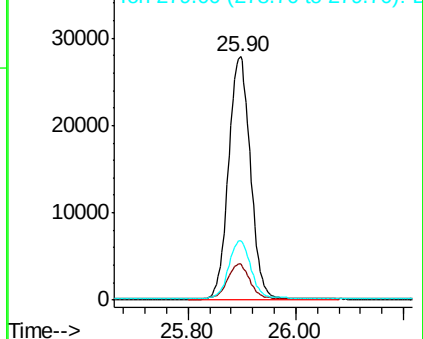
278 100

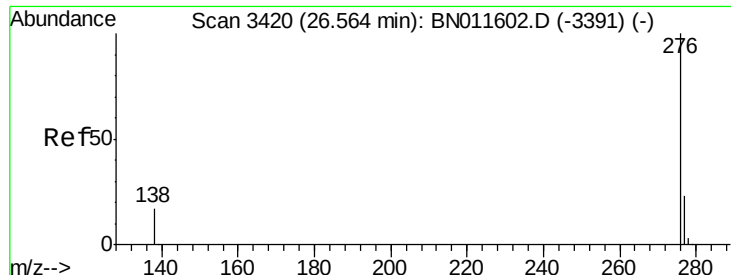
139 14.7 16.6 25.0#

279 24.2 21.4 32.2



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: 1.597 ng

RT: 26.57 min Scan# 3422

Delta R.T. 0.01 min

Lab File: BN011604.D

Acq: 24 Aug 2020 19:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

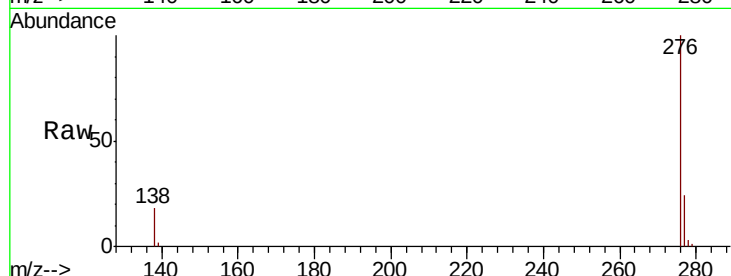
Tot Ion:276 Resp: 75904

Ion Ratio Lower Upper

276 100

277 24.2 20.5 30.7

138 18.1 17.8 26.6



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

