

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072820\
 Data File : BN011282.D
 Acq On : 28 Jul 2020 16:18
 Operator : CG/JU
 Sample : PB130451BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130451BS

Quant Time: Jul 28 16:53:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 14:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1839	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	6575	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3724	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7804	0.40	ng	0.00
29) Chrysene-d12	21.09	240	4885	0.40	ng	0.00
36) Perylene-d12	23.22	264	5539	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.14	112	1714	0.35	ng	0.00
5) Phenol-d6	6.68	99	2086	0.35	ng	0.00
8) Nitrobenzene-d5	8.63	82	2193	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.82	152	4396	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.61	330	574	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	6533	0.41	ng	0.00
27) Fluoranthene-d10	18.91	212	8713	0.37	ng	0.00
31) Terphenyl-d14	19.53	244	5945	0.40	ng	0.00

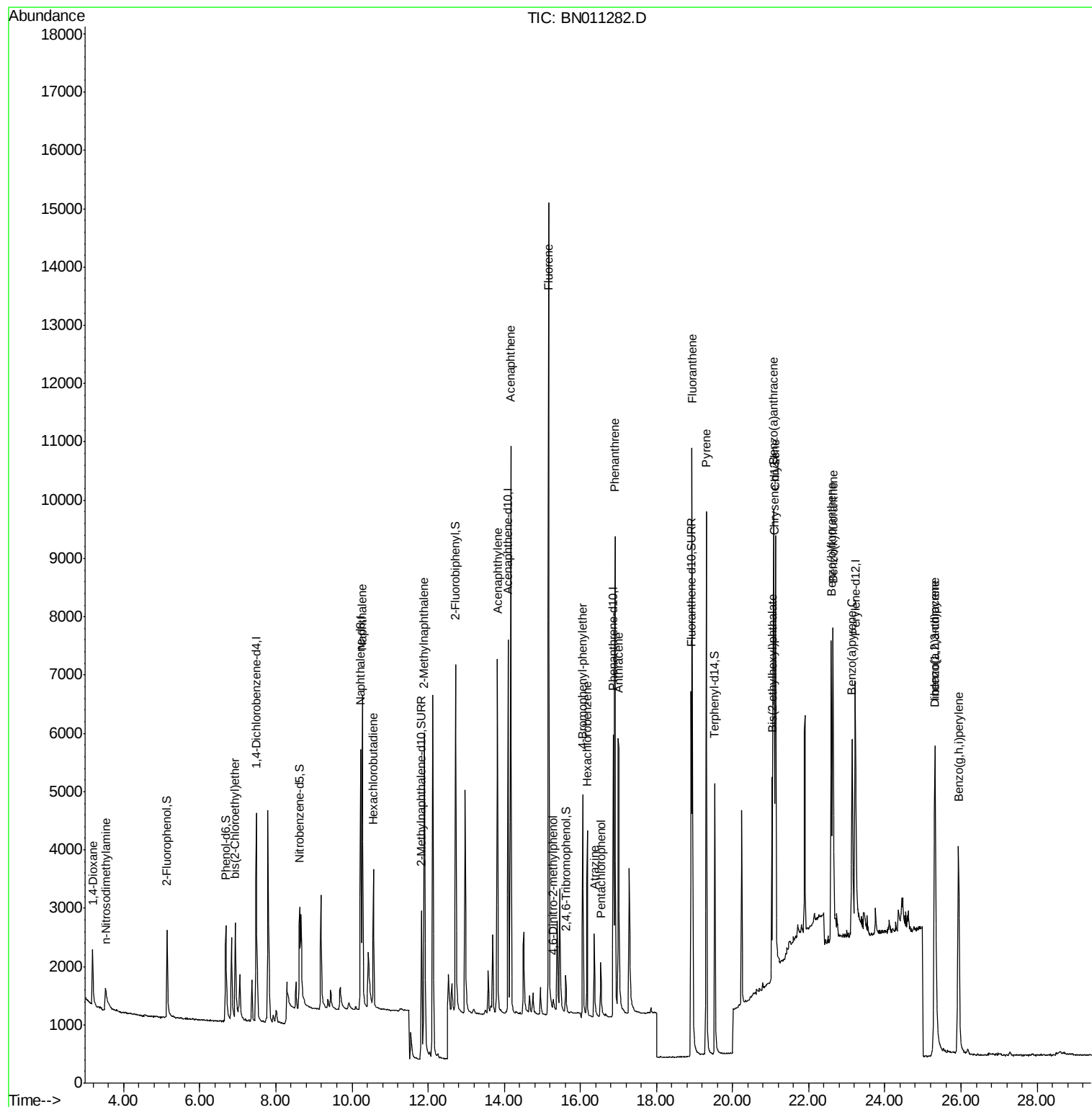
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	980	0.379	ng	97
3) n-Nitrosodimethylamine	3.53	42	504	0.380	ng	# 83
6) bis(2-Chloroethyl)ether	6.93	93	1733	0.354	ng	99
9) Naphthalene	10.28	128	7370	0.378	ng	100
10) Hexachlorobutadiene	10.57	225	1817	0.385	ng	# 98
12) 2-Methylnaphthalene	11.90	142	5028	0.364	ng	97
16) Acenaphthylene	13.82	152	7182	0.375	ng	100
17) Acenaphthene	14.17	154	4631	0.370	ng	99
18) Fluorene	15.17	166	6394	0.399	ng	98
20) 4,6-Dinitro-2-methylphenol	15.28	198	341	0.402	ng	99
21) 4-Bromophenyl-phenylether	16.07	248	2119	0.410	ng	98
22) Hexachlorobenzene	16.18	284	2311	0.394	ng	96
23) Atrazine	16.36	200	1444	0.358	ng	99
24) Pentachlorophenol	16.53	266	586	0.322	ng	94
25) Phenanthrene	16.91	178	9285	0.366	ng	100
26) Anthracene	16.99	178	6970	0.330	ng	99
28) Fluoranthene	18.94	202	10427	0.361	ng	100
30) Pvrene	19.31	202	9754	0.443	ng	100
32) Benzo(a)anthracene	21.08	228	6073	0.371	ng	99
33) Chrysene	21.12	228	7597	0.414	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	3367	0.383	ng	99
35) Indeno(1,2,3-cd)pyrene	25.30	276	8027	0.448	ng	97
37) Benzo(b)fluoranthene	22.59	252	6496	0.294	ng	99
38) Benzo(k)fluoranthene	22.64	252	7813	0.321	ng	98
39) Benzo(a)pyrene	23.13	252	5930	0.309	ng	99
40) Dibenzo(a,h)anthracene	25.32	278	6404	0.323	ng	99
41) Benzo(g,h,i)perylene	25.93	276	7922	0.360	ng	98

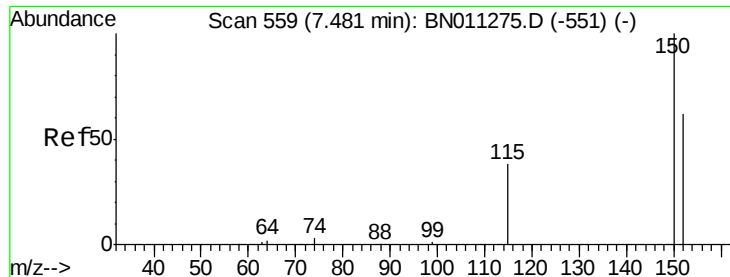
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

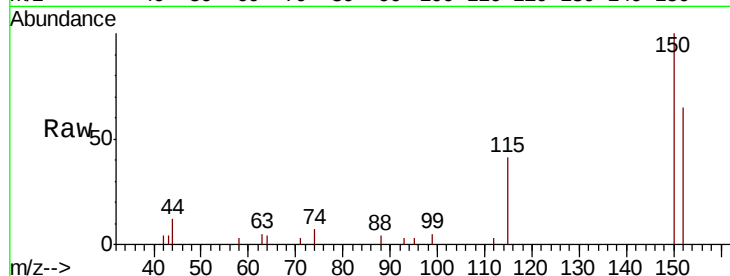
Tot Ion:152 Resp: 1839

Ion Ratio Lower Upper

152 100

150 153.9 126.5 189.7

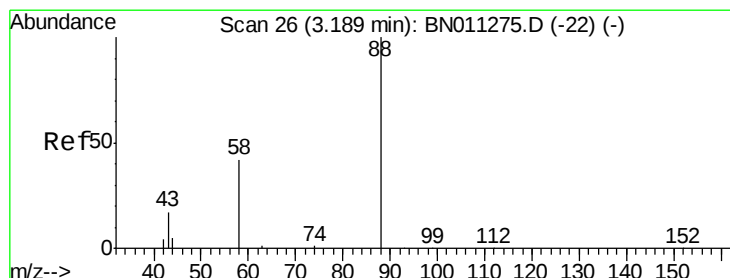
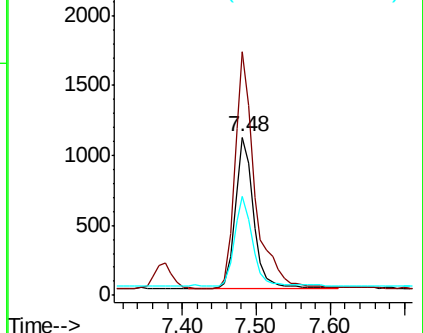
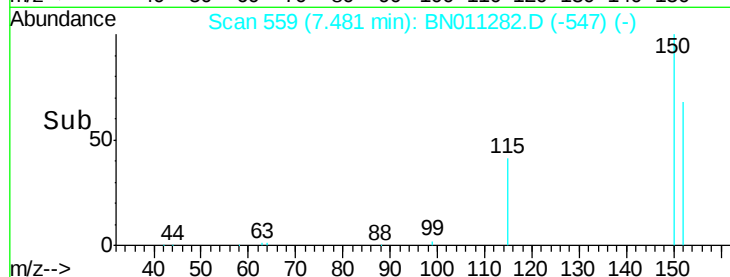
115 63.0 51.9 77.9



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: 0.379 ng

RT: 3.19 min Scan# 26

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

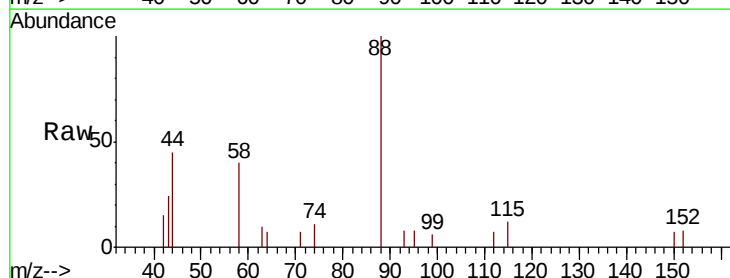
Tgt Ion: 88 Resp: 980

Ion Ratio Lower Upper

88 100

58 47.3 36.5 54.7

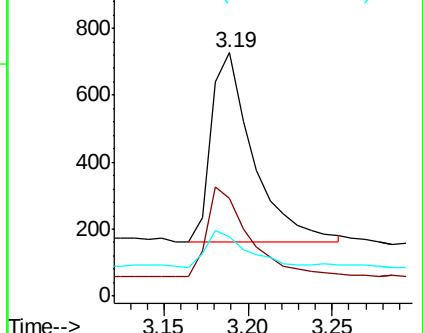
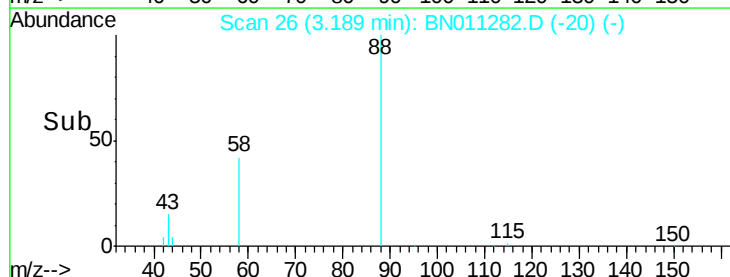
43 18.8 16.1 24.1

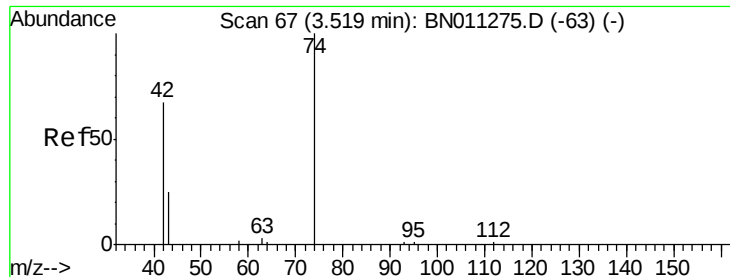


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.380 ng

RT: 3.53 min Scan# 68

Delta R.T. 0.01 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

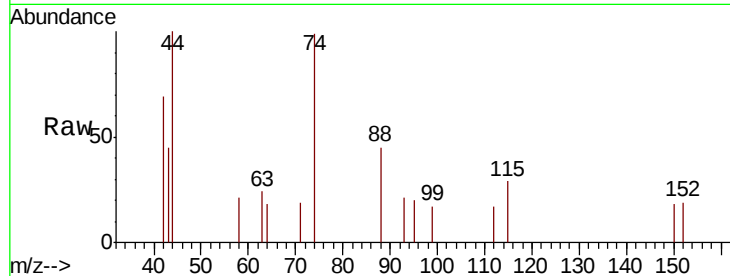
Tot Ion: 42 Resp: 504

Ion Ratio Lower Upper

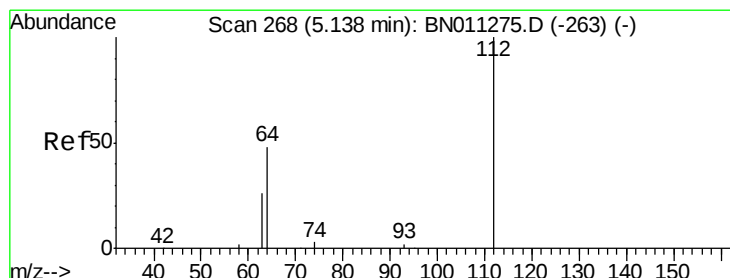
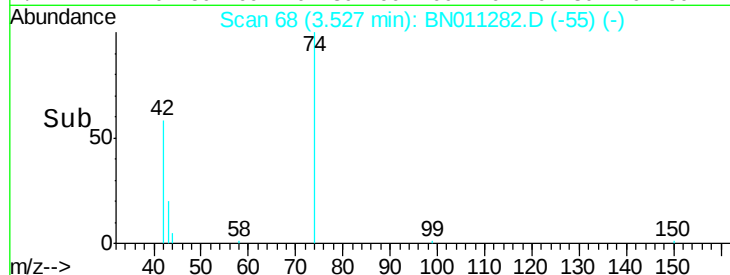
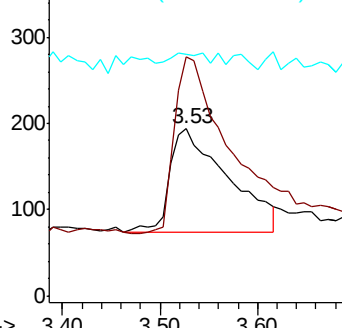
42 100

74 156.3 144.2 216.2

44 6.7 11.1 16.7#



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: 0.355 ng

RT: 5.14 min Scan# 268

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

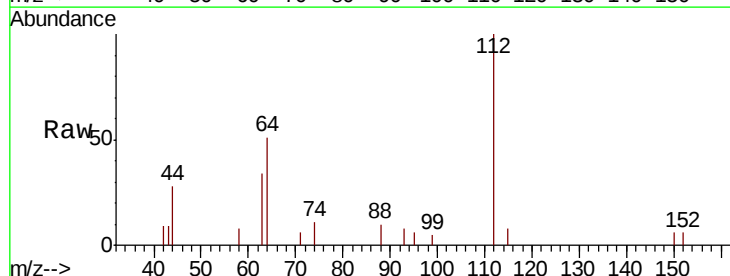
Tgt Ion: 112 Resp: 1714

Ion Ratio Lower Upper

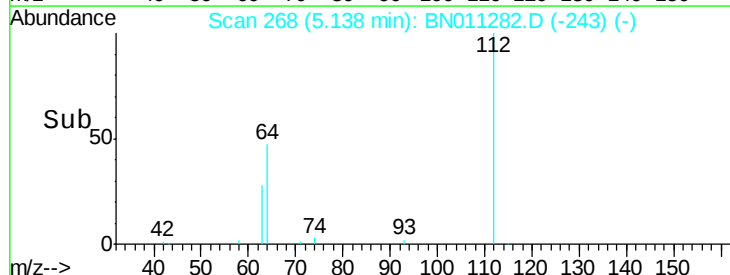
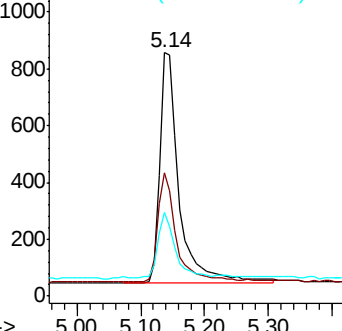
112 100

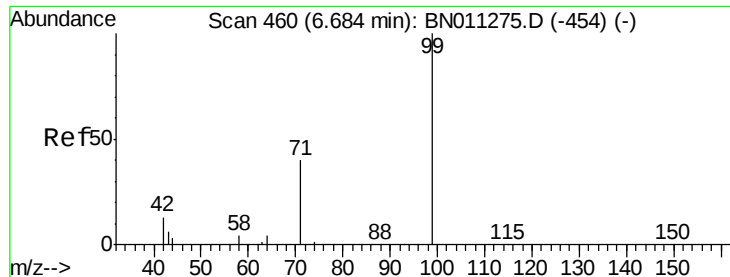
64 45.3 35.8 53.6

63 25.4 19.3 28.9



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: 0.355 ng

RT: 6.68 min Scan# 460

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

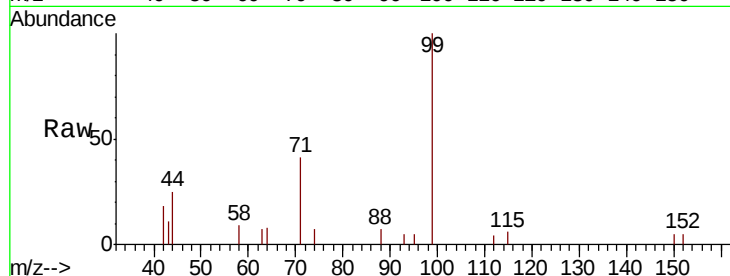
Tot Ion: 99 Resp: 2086

Ion Ratio Lower Upper

99 100

42 15.1 11.2 16.8

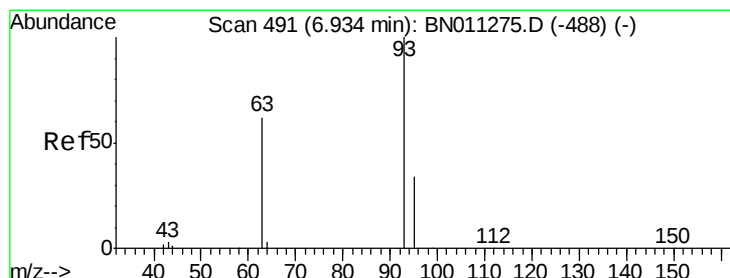
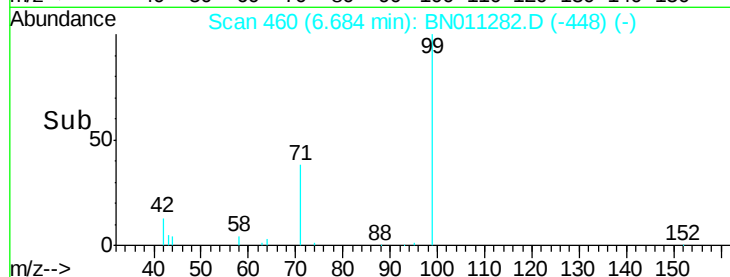
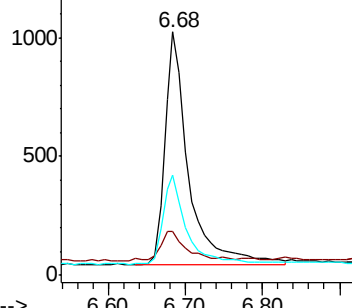
71 38.2 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BN011282.D (-448) (-)

Ion 42.00 (41.70 to 42.70): BN011282.D (-448) (-)

Ion 71.00 (70.70 to 71.70): BN011282.D (-448) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.354 ng

RT: 6.93 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

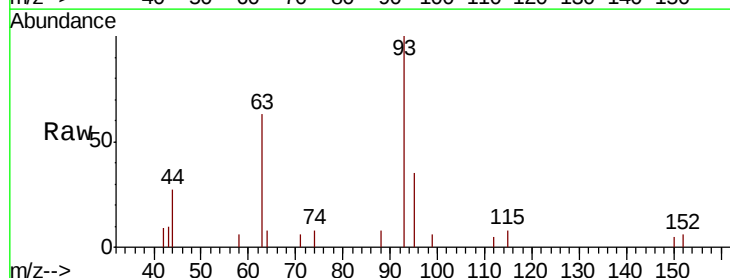
Tgt Ion: 93 Resp: 1733

Ion Ratio Lower Upper

93 100

63 60.8 47.8 71.6

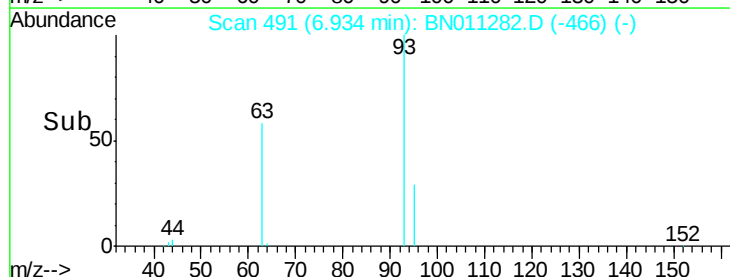
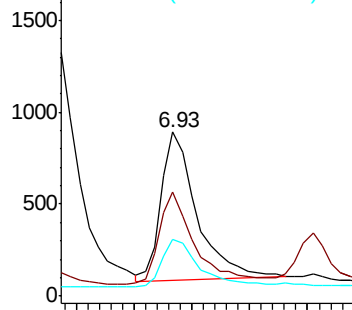
95 33.8 27.1 40.7

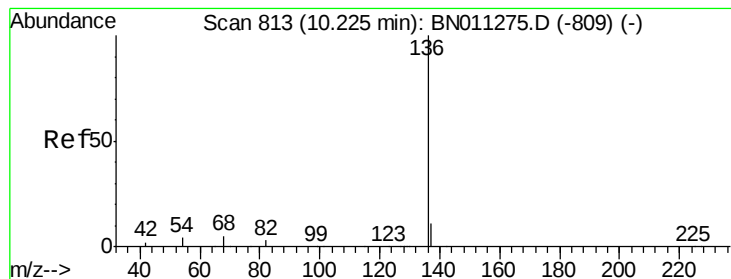


Abundance Ion 93.00 (92.70 to 93.70): BN011282.D (-466) (-)

Ion 63.00 (62.70 to 63.70): BN011282.D (-466) (-)

Ion 95.00 (94.70 to 95.70): BN011282.D (-466) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 813

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

Tot Ion:136 Resp: 6575

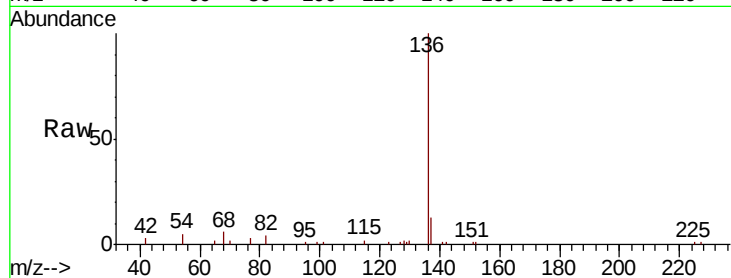
Ion Ratio Lower Upper

136 100

137 12.6 9.9 14.9

54 5.5 4.8 7.2

68 5.8 4.9 7.3

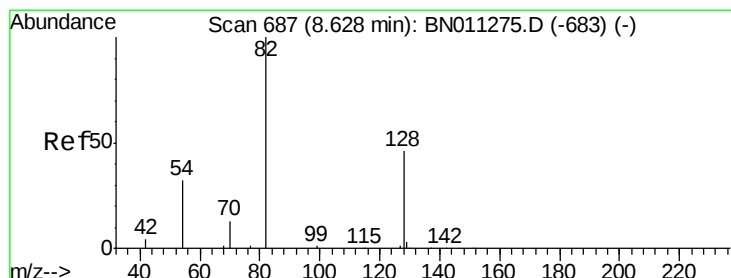
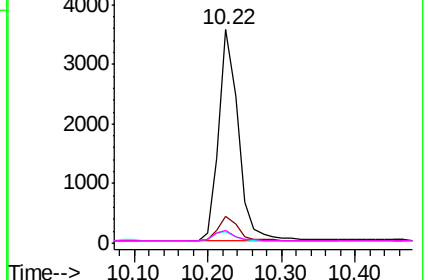
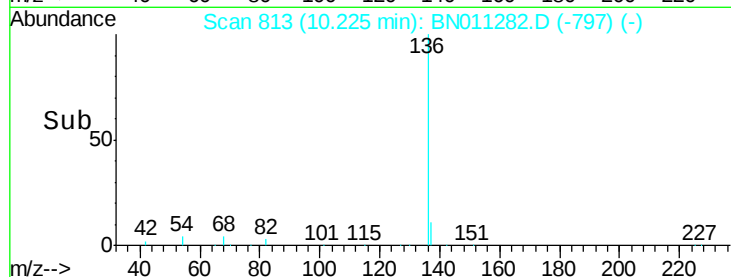


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

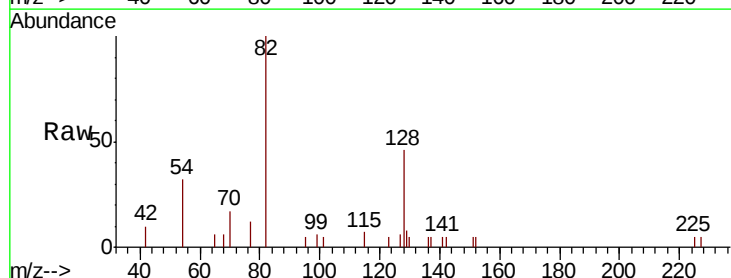
Tgt Ion: 82 Resp: 2193

Ion Ratio Lower Upper

82 100

128 45.9 40.1 60.1

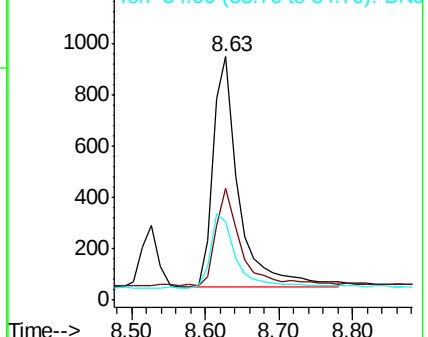
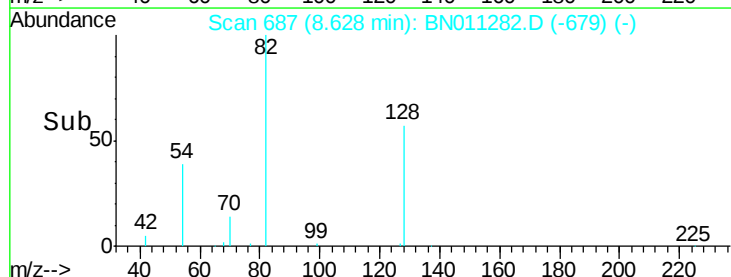
54 32.3 29.0 43.6

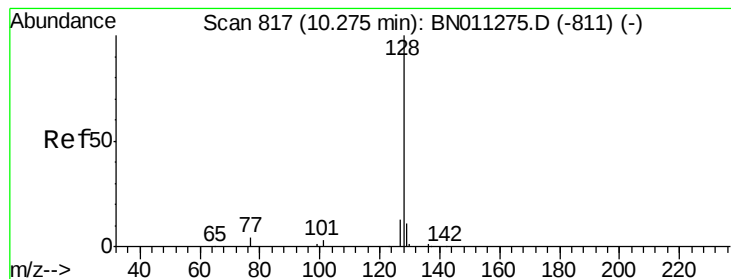


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.378 ng

RT: 10.28 min Scan# 817

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

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ClientSampleId :

PB130451BS

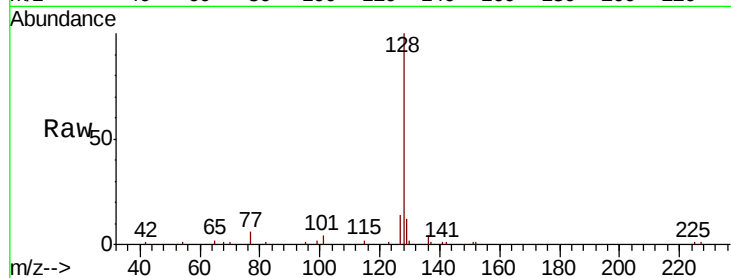
Tot Ion:128 Resp: 7370

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

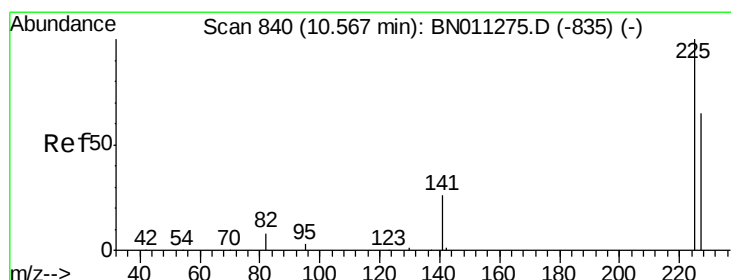
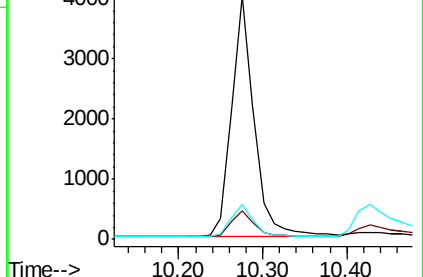
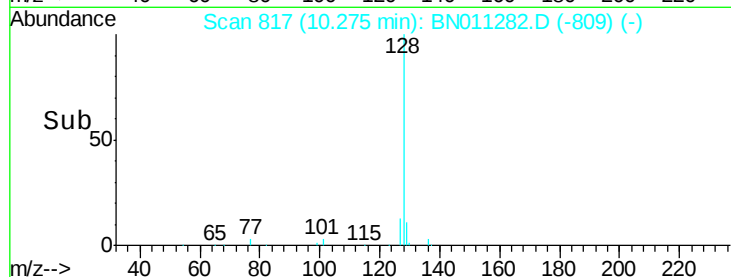
127 14.4 11.5 17.3



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: 0.385 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

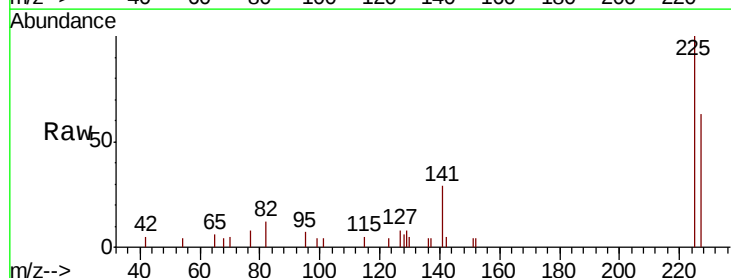
Tgt Ion:225 Resp: 1817

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

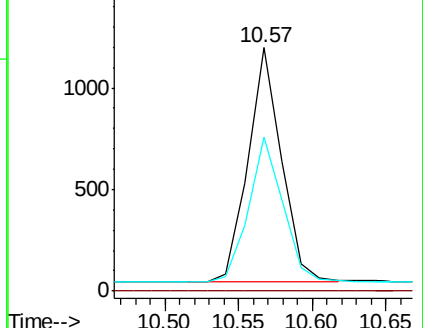
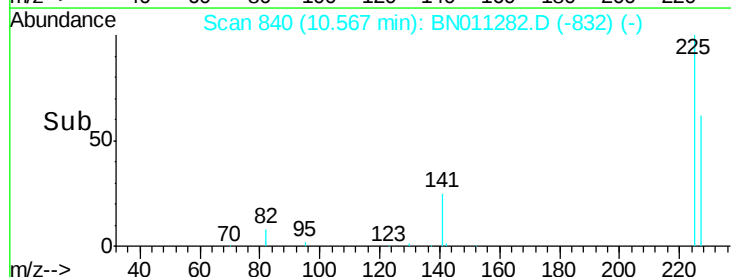
227 63.3 51.7 77.5

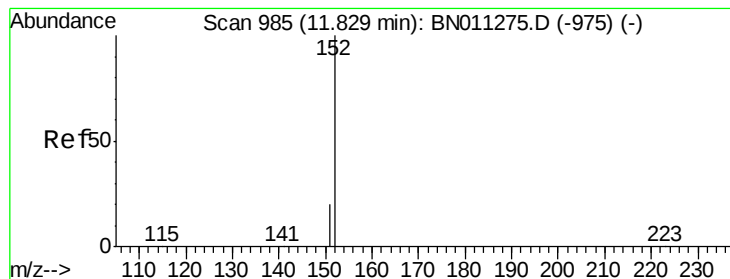


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.366 ng

RT: 11.82 min Scan# 984

Delta R.T. -0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

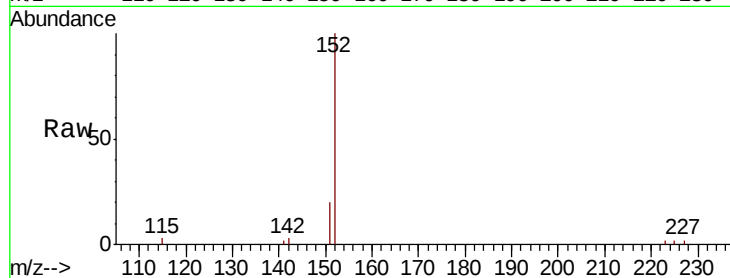
PB130451BS

Tot Ion:152 Resp: 4396

Ion Ratio Lower Upper

152 100

151 20.2 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

1500

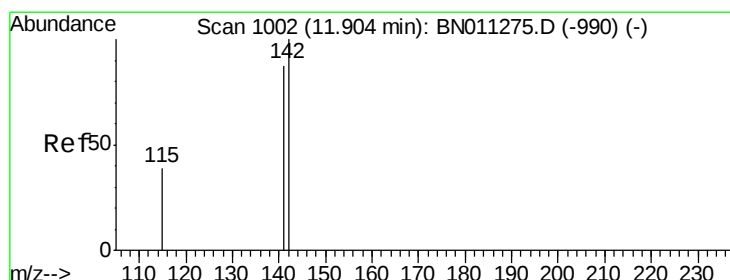
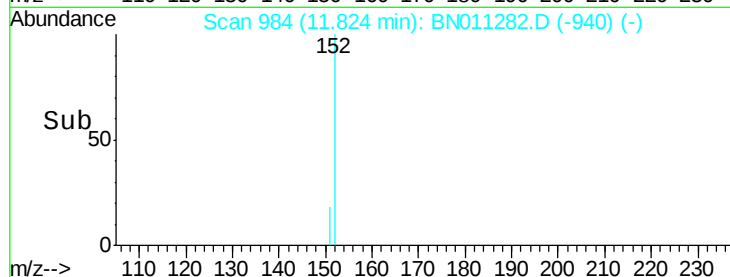
1000

500

0

11.70 11.80 11.90 12.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.364 ng

RT: 11.90 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

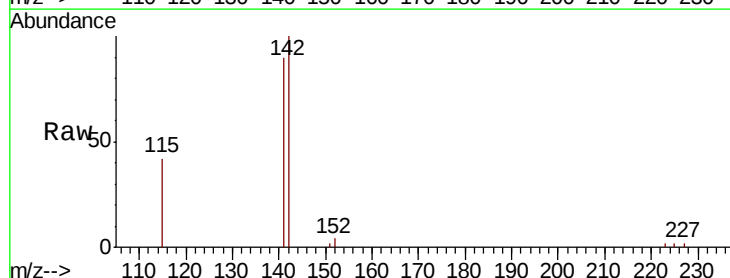
Tgt Ion:142 Resp: 5028

Ion Ratio Lower Upper

142 100

141 89.9 69.6 104.4

115 41.9 32.5 48.7



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

3000

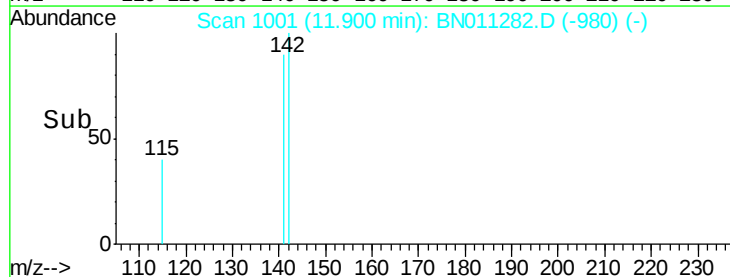
2000

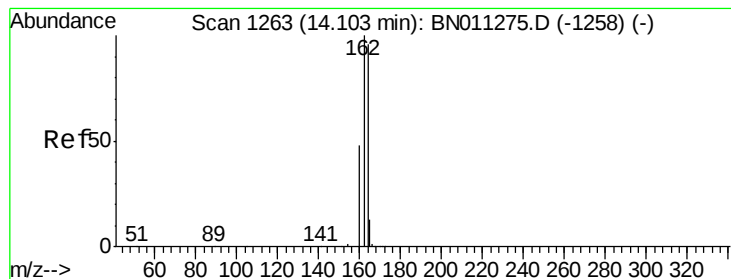
1000

0

11.80 11.90 12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

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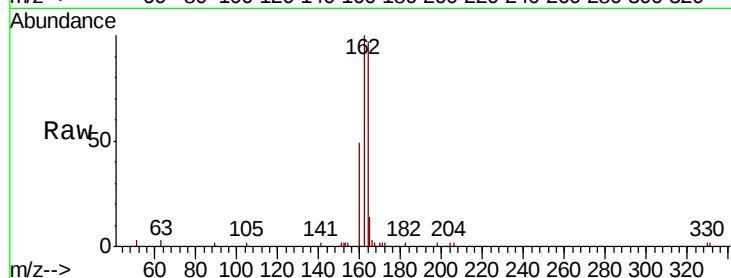
Tot Ion:164 Resp: 3724

Ion Ratio Lower Upper

164 100

162 103.3 83.6 125.4

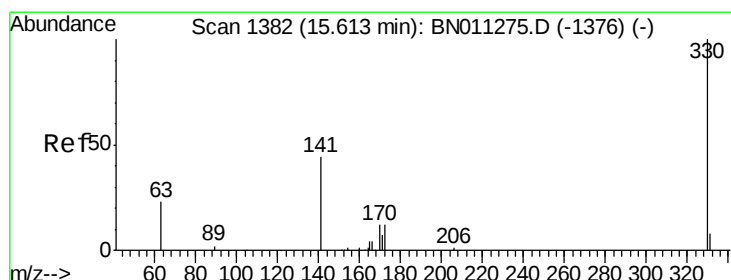
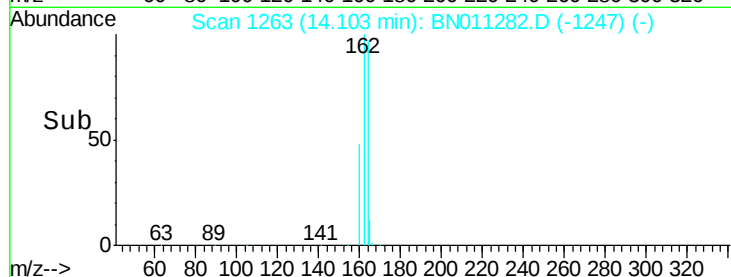
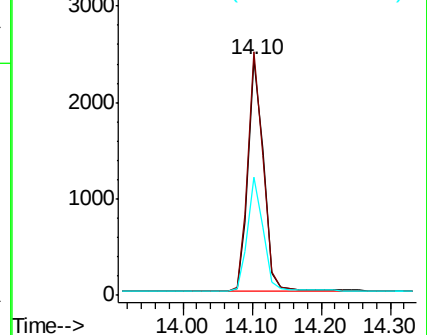
160 50.3 41.2 61.8



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: 0.334 ng

RT: 15.61 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

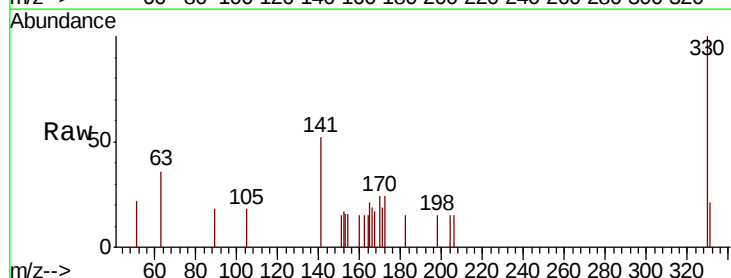
Tgt Ion:330 Resp: 574

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

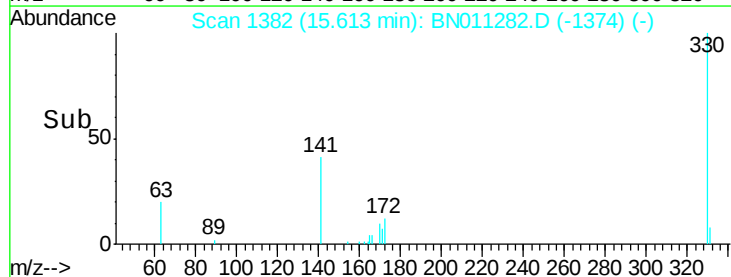
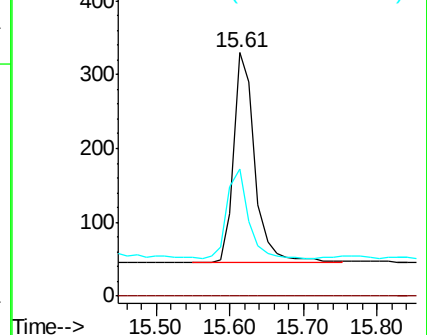
141 42.2 34.2 51.2

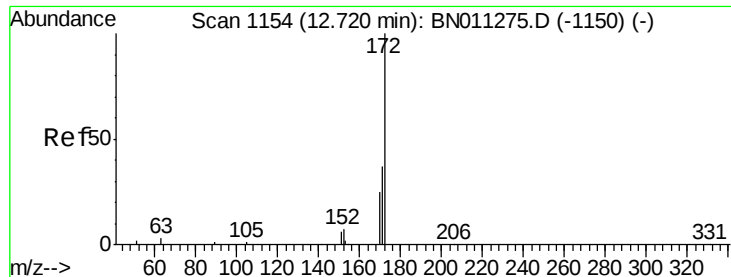


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

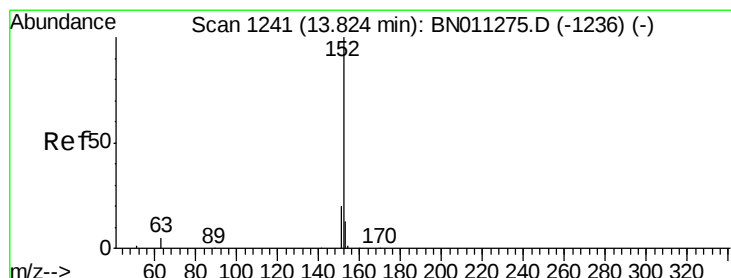
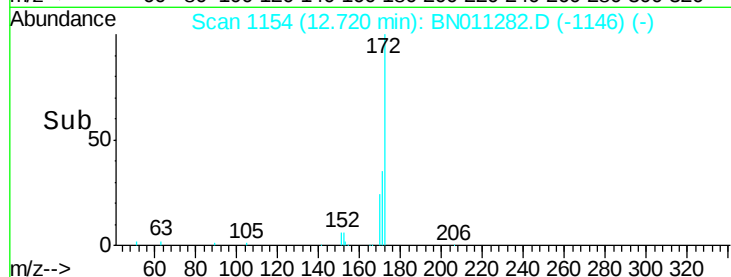
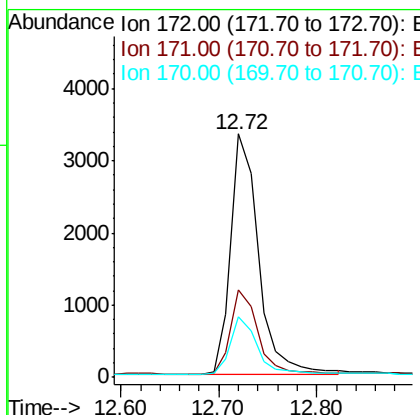
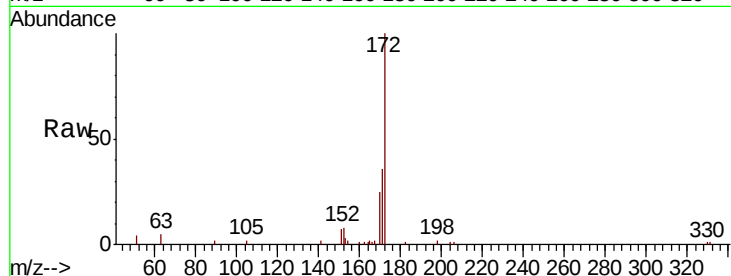




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.72 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BN011282.D
Acq: 28 Jul 2020 16:18

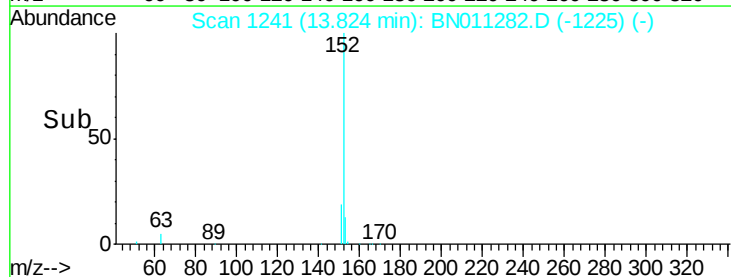
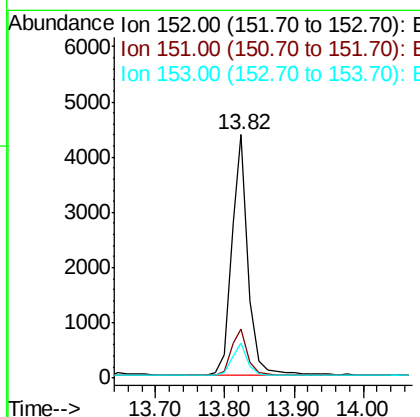
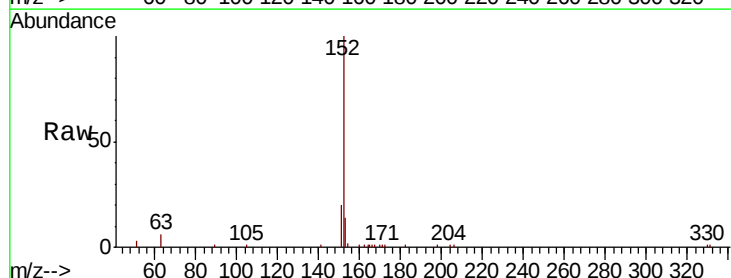
Instrument :
BNA_N
ClientSampleId :
PB130451BS

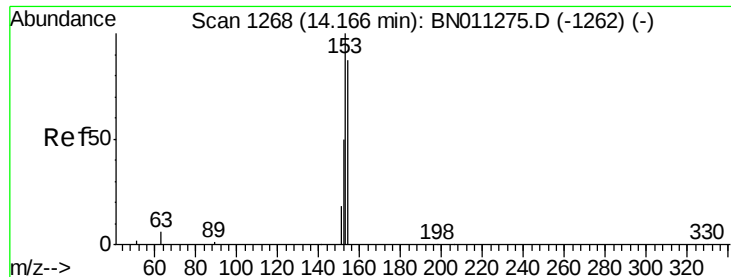
Tot Ion:172 Resp: 6533
Ion Ratio Lower Upper
172 100
171 35.7 30.6 46.0
170 24.6 21.0 31.4



#16
Acenaphthylene
Concen: 0.375 ng
RT: 13.82 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN011282.D
Acq: 28 Jul 2020 16:18

Tgt Ion:152 Resp: 7182
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.2 15.4





#17

Acenaphthene

Concen: 0.370 ng

RT: 14.17 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

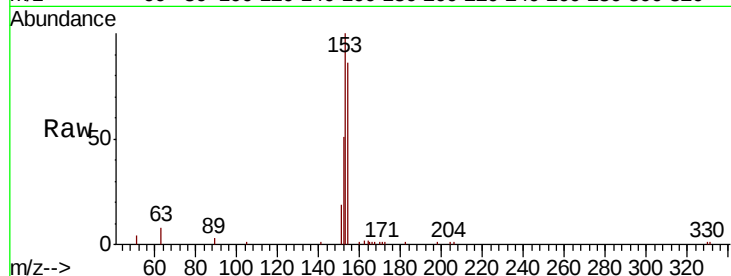
Tot Ion:154 Resp: 4631

Ion Ratio Lower Upper

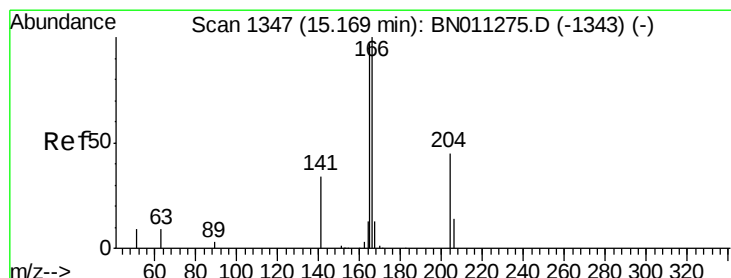
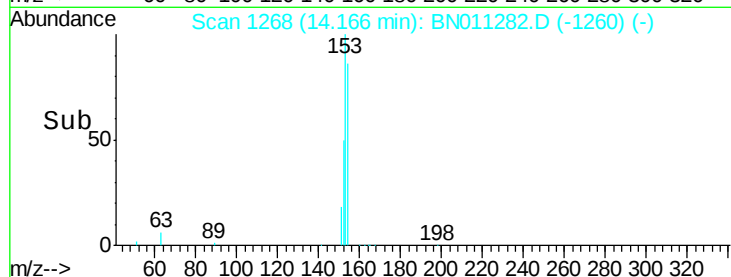
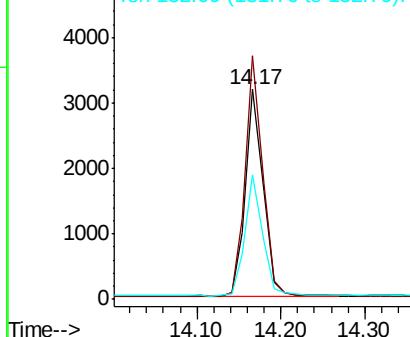
154 100

153 115.1 91.3 136.9

152 58.8 45.8 68.6



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: 0.399 ng

RT: 15.17 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

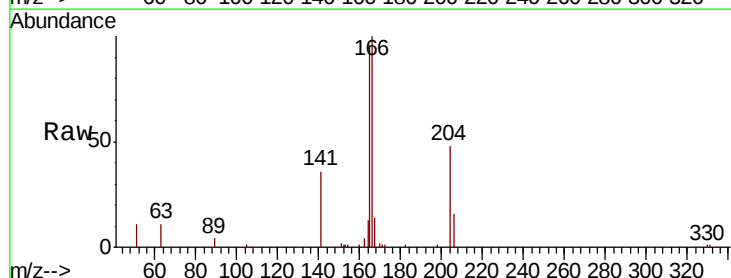
Tgt Ion:166 Resp: 6394

Ion Ratio Lower Upper

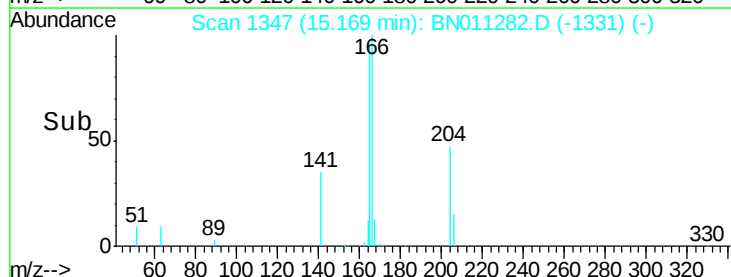
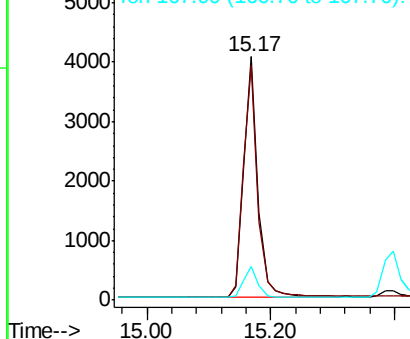
166 100

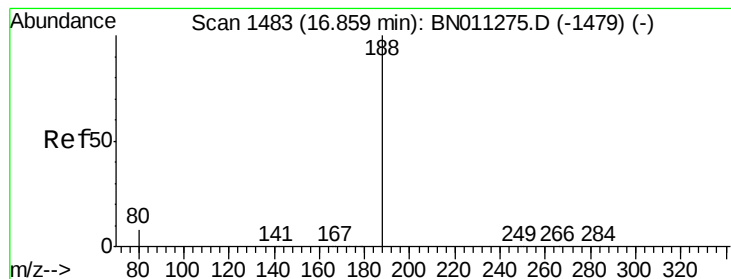
165 97.7 79.6 119.4

167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.86 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

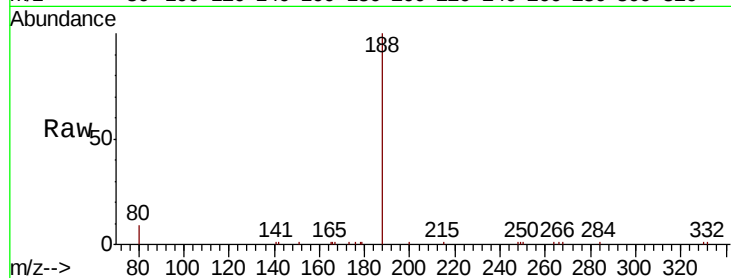
Tot Ion:188 Resp: 7804

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

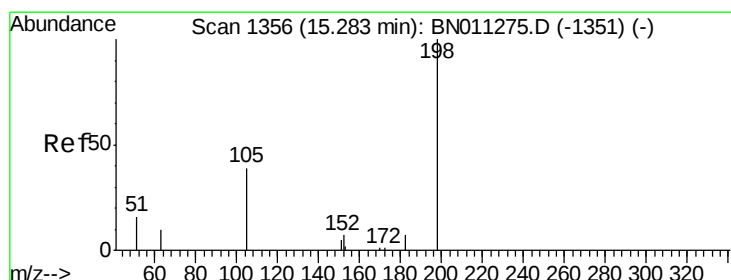
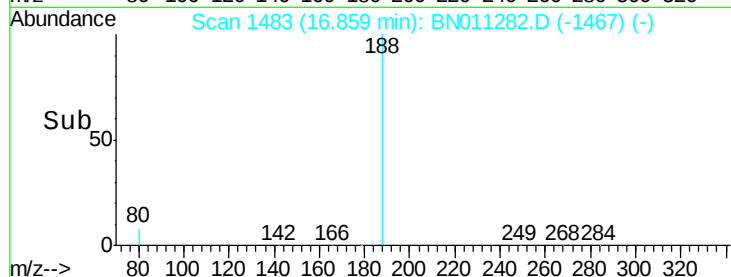
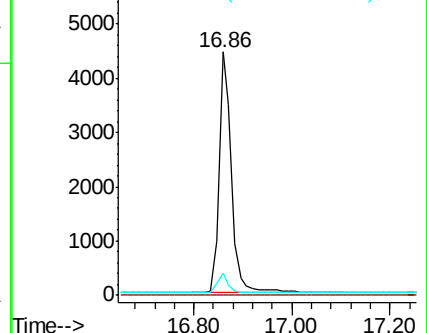
80 9.0 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.402 ng

RT: 15.28 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

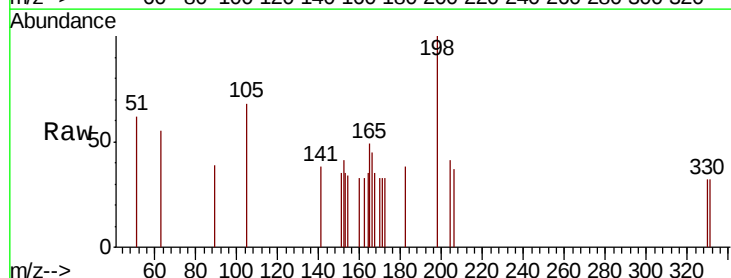
Tgt Ion:198 Resp: 341

Ion Ratio Lower Upper

198 100

51 61.7 49.0 73.6

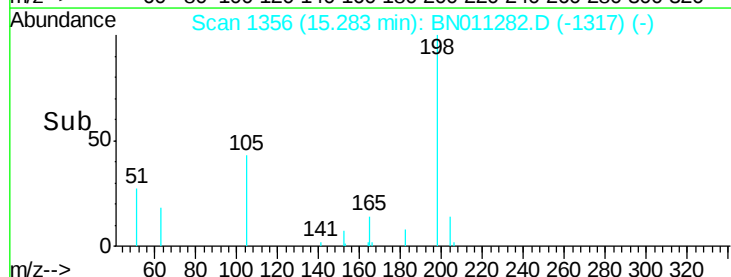
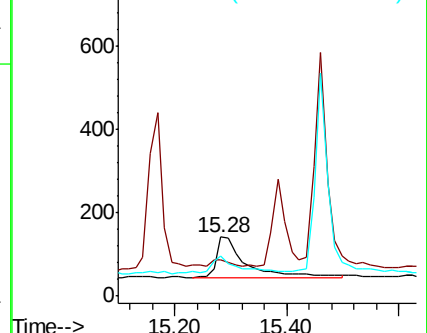
105 68.1 53.8 80.6

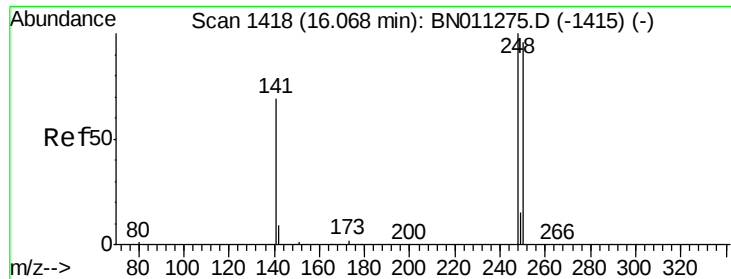


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

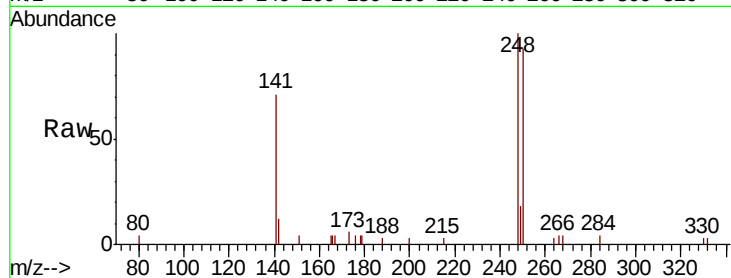




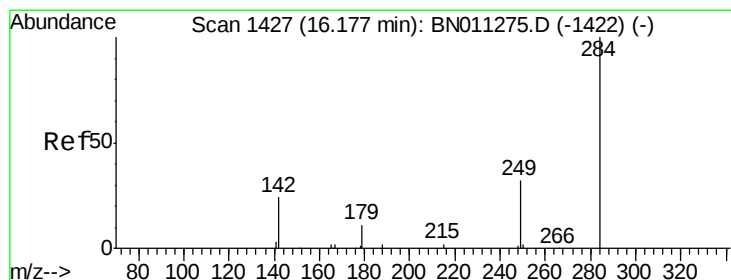
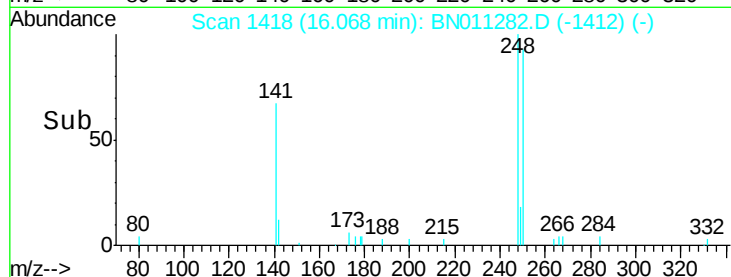
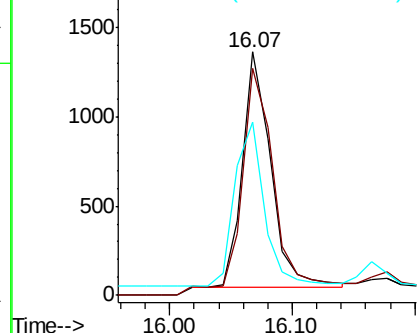
#21
4-Bromophenyl-phenylether
Concen: 0.410 ng
RT: 16.07 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BN011282.D
Acq: 28 Jul 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB130451BS

Tot Ion:248 Resp: 2119
Ion Ratio Lower Upper
248 100
250 93.2 77.2 115.8
141 71.0 56.5 84.7

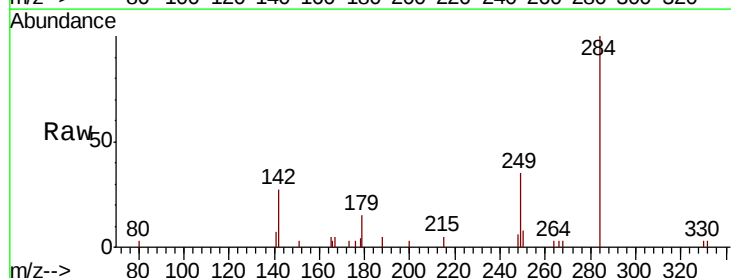


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

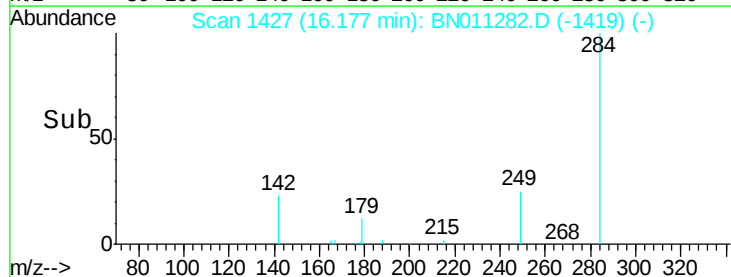
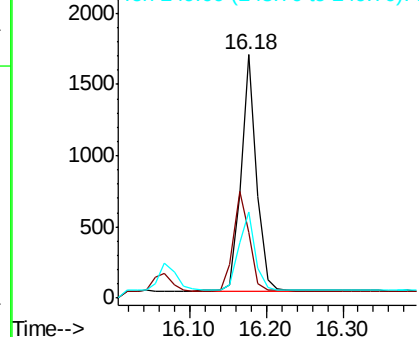


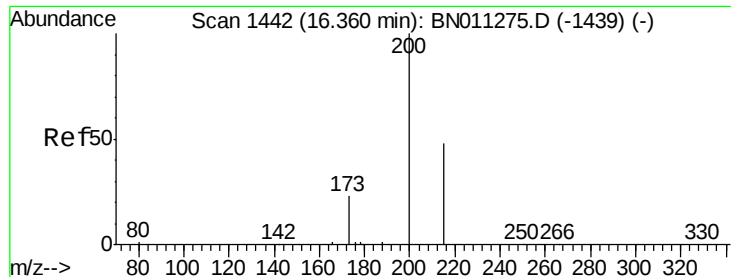
#22
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.18 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BN011282.D
Acq: 28 Jul 2020 16:18

Tgt Ion:284 Resp: 2311
Ion Ratio Lower Upper
284 100
142 43.7 32.8 49.2
249 34.8 26.6 40.0



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: 0.358 ng

RT: 16.36 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampled :

PB130451BS

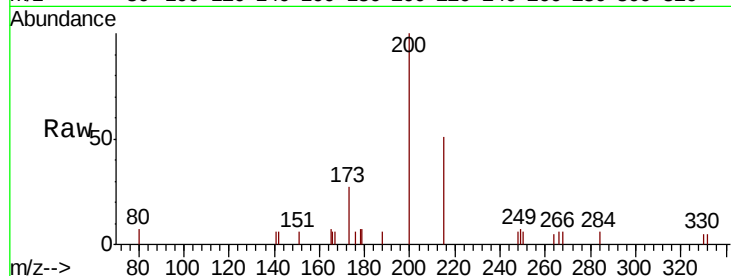
Tot Ion:200 Resp: 1444

Ion Ratio Lower Upper

200 100

173 27.0 22.0 33.0

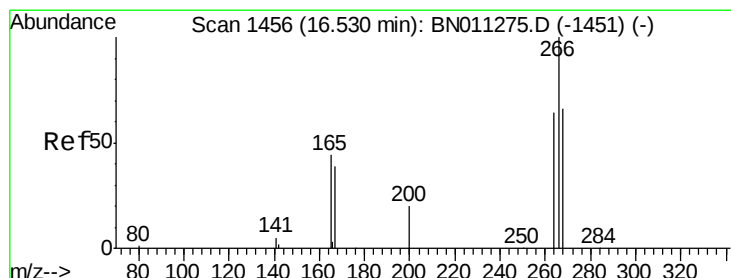
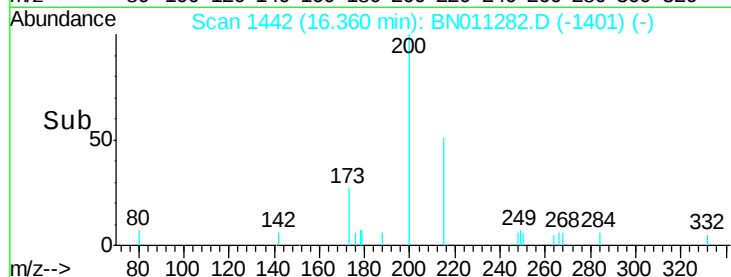
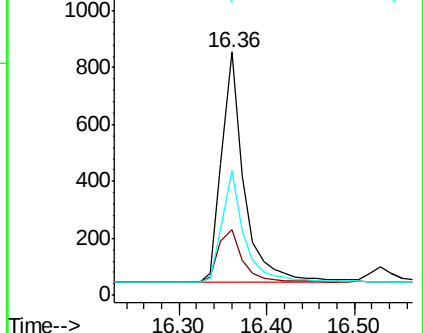
215 51.1 41.1 61.7



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: 0.322 ng

RT: 16.53 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

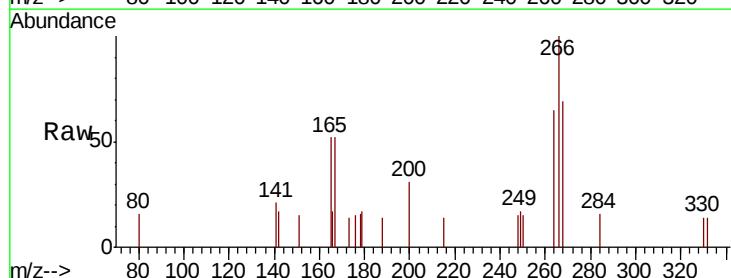
Tgt Ion:266 Resp: 586

Ion Ratio Lower Upper

266 100

264 59.4 51.1 76.7

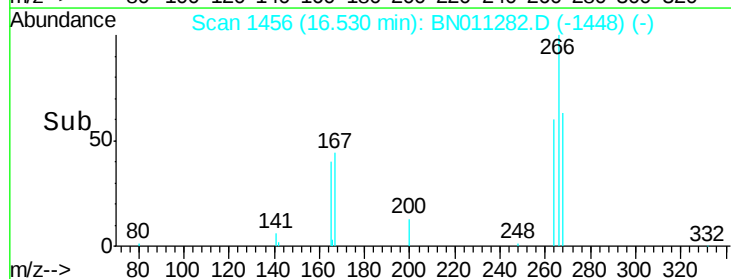
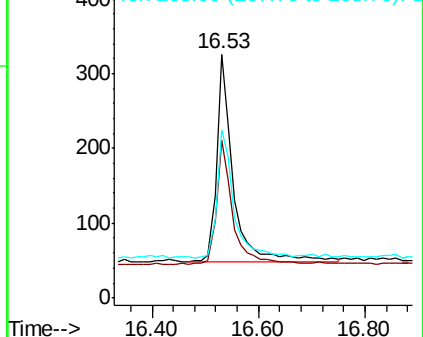
268 64.3 55.5 83.3

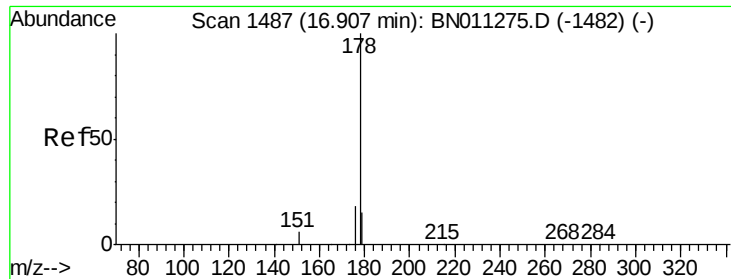


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.366 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

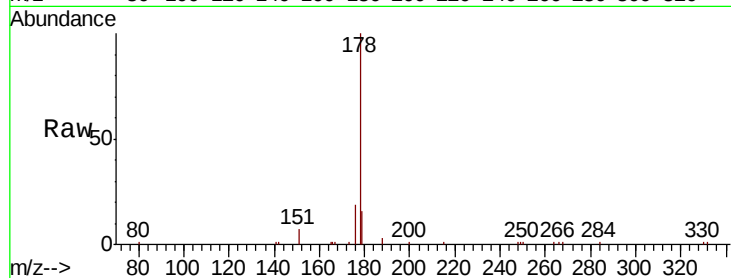
Tot Ion:178 Resp: 9285

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

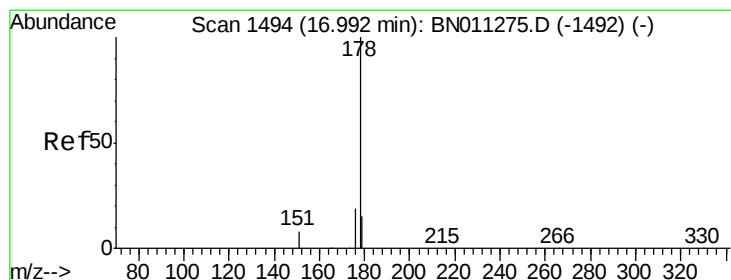
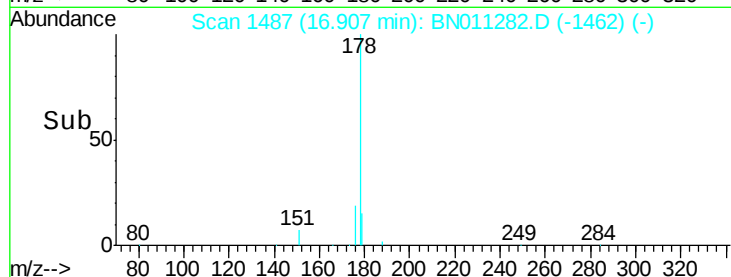
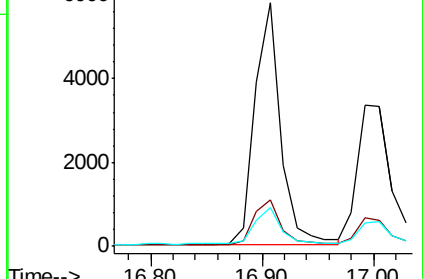
179 15.3 12.2 18.4



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



#26

Anthracene

Concen: 0.330 ng

RT: 16.99 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

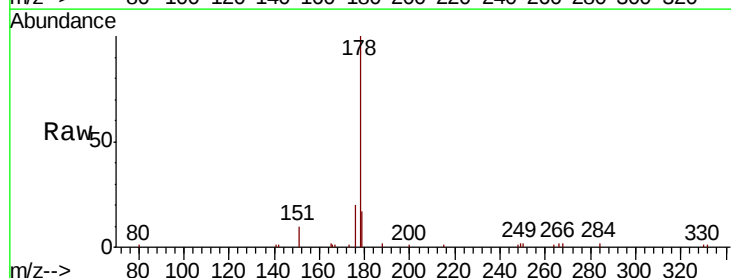
Tgt Ion:178 Resp: 6970

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

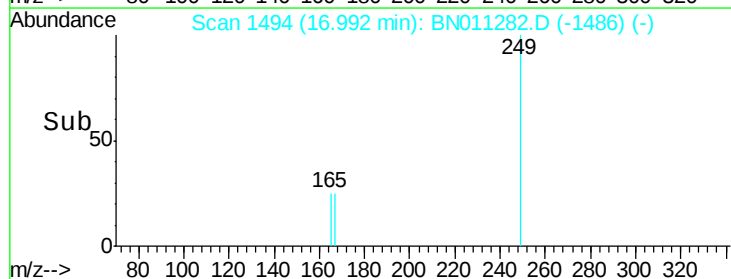
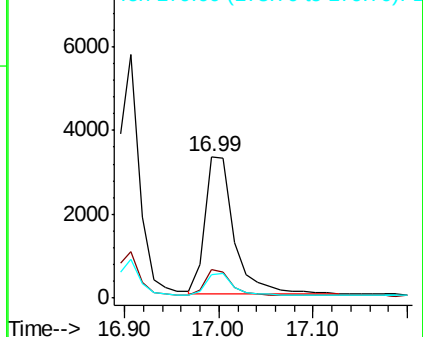
179 15.7 12.1 18.1

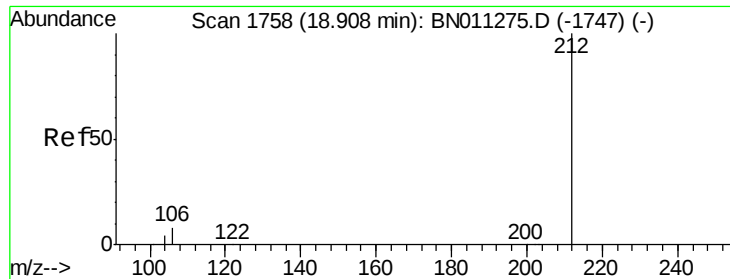


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

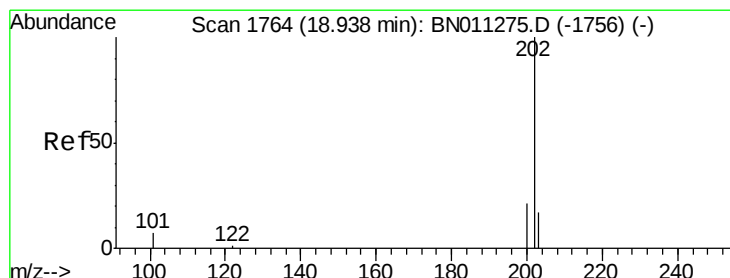
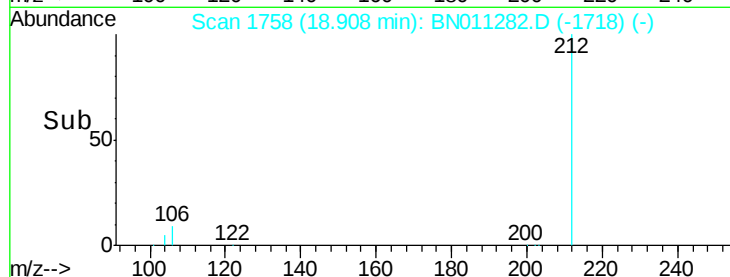
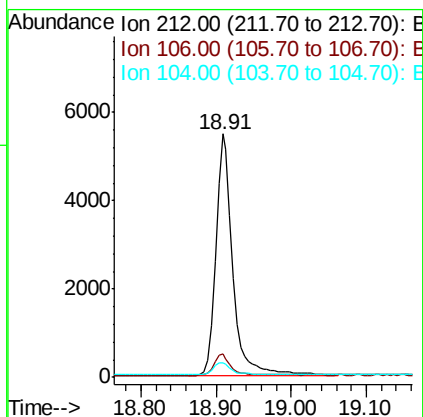
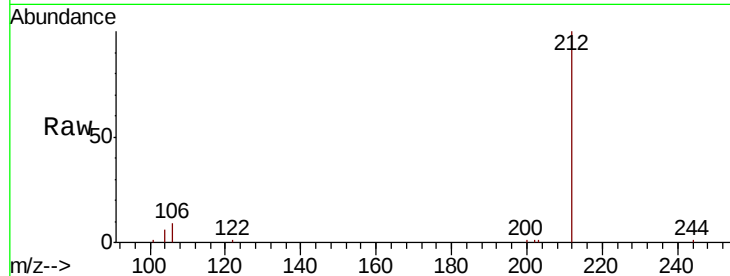




#27
 Fluoranthene-d10
 Concen: 0.366 ng
 RT: 18.91 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BN011282.D
 Acq: 28 Jul 2020 16:18

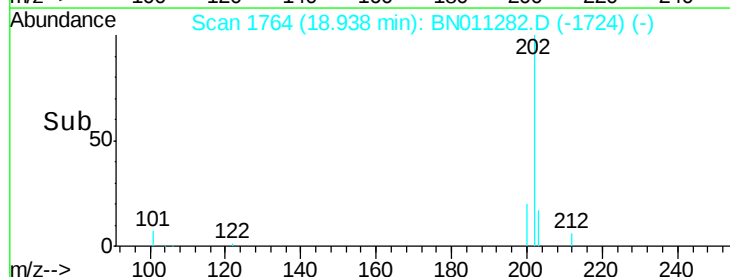
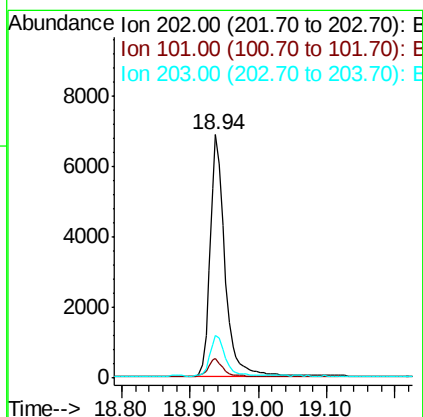
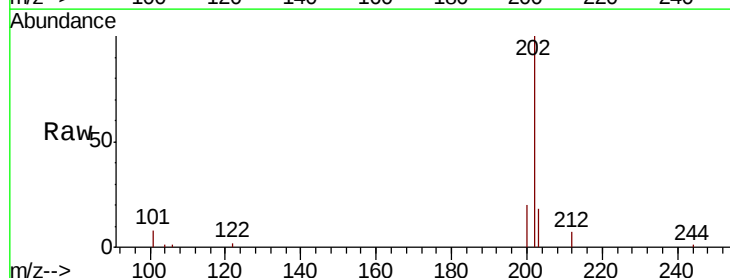
Instrument :
 BNA_N
 ClientSampleId :
 PB130451BS

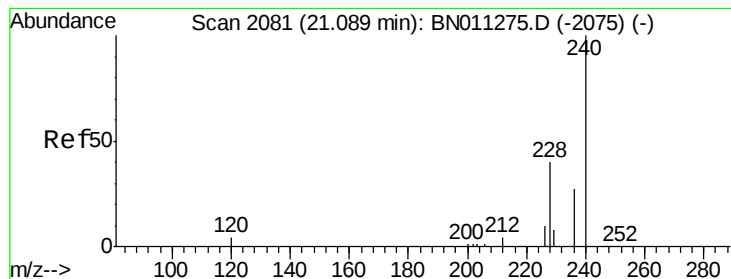
Tot Ion:212 Resp: 8713
 Ion Ratio Lower Upper
 212 100
 106 8.6 6.9 10.3
 104 5.3 4.2 6.2



#28
 Fluoranthene
 Concen: 0.361 ng
 RT: 18.94 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BN011282.D
 Acq: 28 Jul 2020 16:18

Tgt Ion:202 Resp: 10427
 Ion Ratio Lower Upper
 202 100
 101 7.6 5.9 8.9
 203 17.1 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.09 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

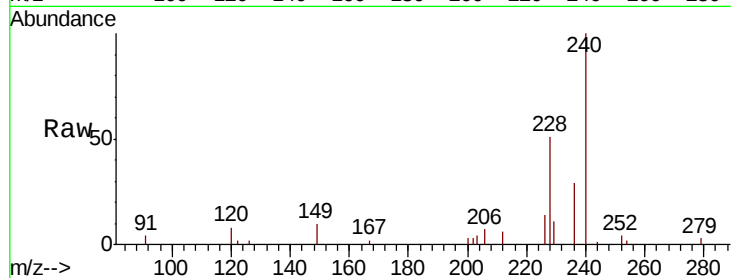
Tot Ion:240 Resp: 4885

Ion Ratio Lower Upper

240 100

120 8.3 5.8 8.8

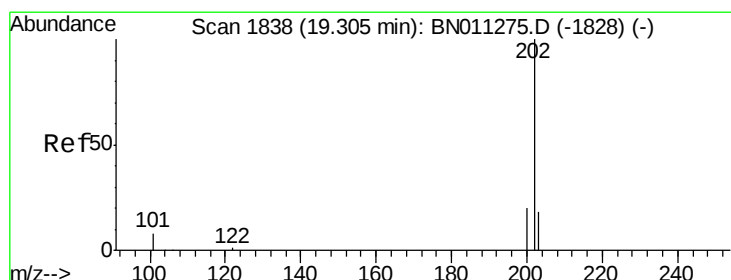
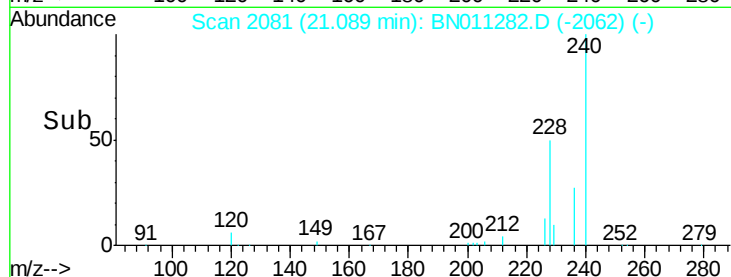
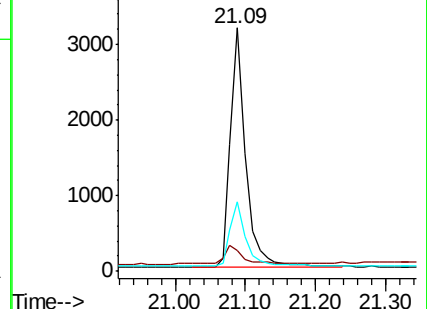
236 28.8 22.7 34.1



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: 0.443 ng

RT: 19.31 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

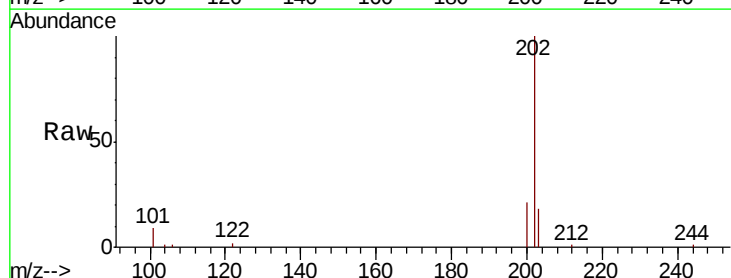
Tgt Ion:202 Resp: 9754

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

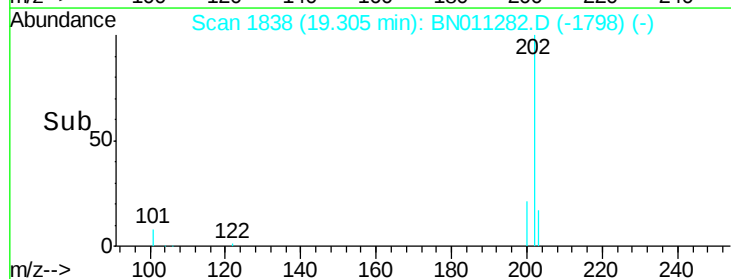
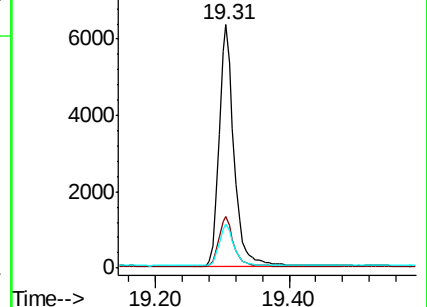
203 17.5 14.1 21.1

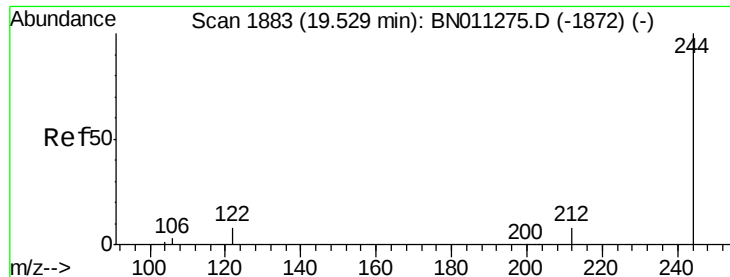


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.402 ng

RT: 19.53 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

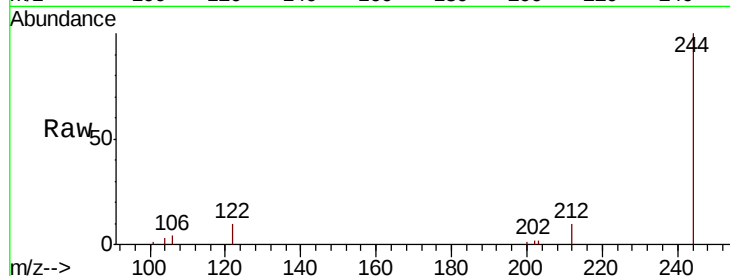
Tot Ion:244 Resp: 5945

Ion Ratio Lower Upper

244 100

212 9.6 7.6 11.4

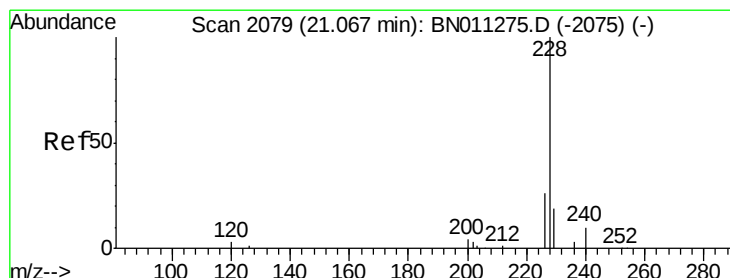
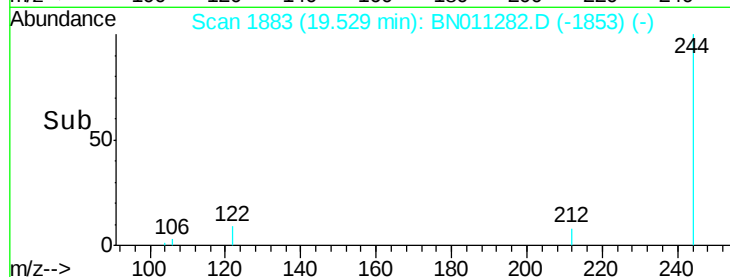
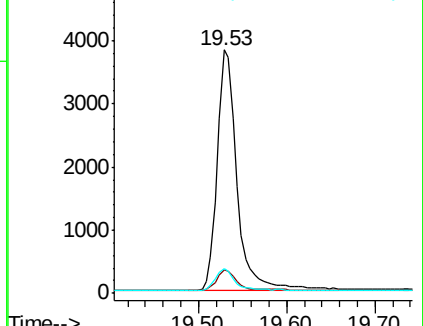
122 10.0 7.5 11.3



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: 0.371 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.01 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

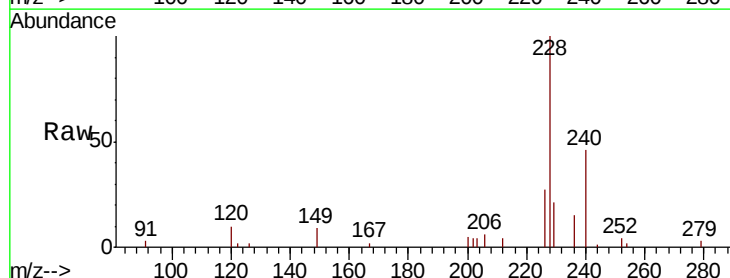
Tgt Ion:228 Resp: 6073

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

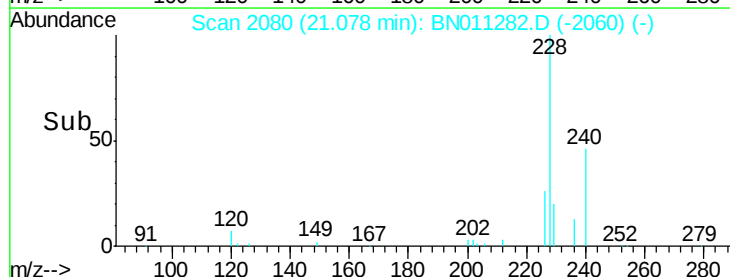
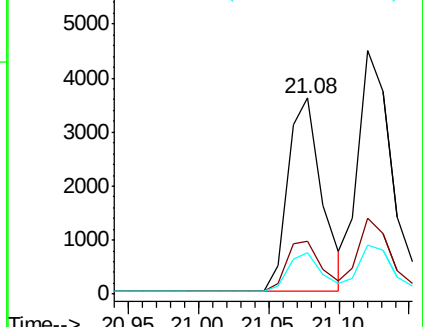
229 21.3 16.0 24.0

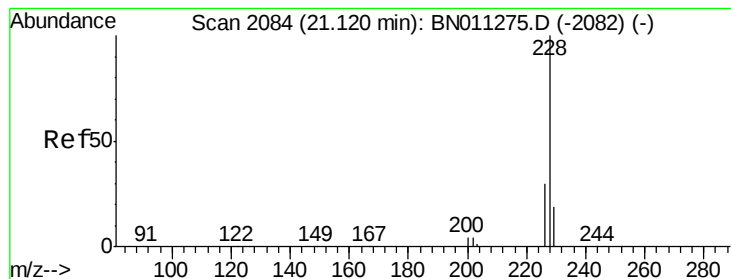


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.414 ng

RT: 21.12 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

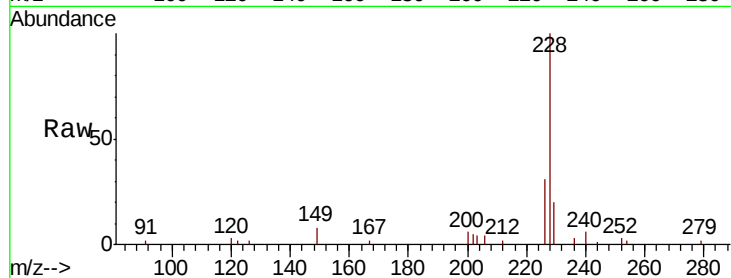
Tot Ion:228 Resp: 7597

Ion Ratio Lower Upper

228 100

226 31.4 24.3 36.5

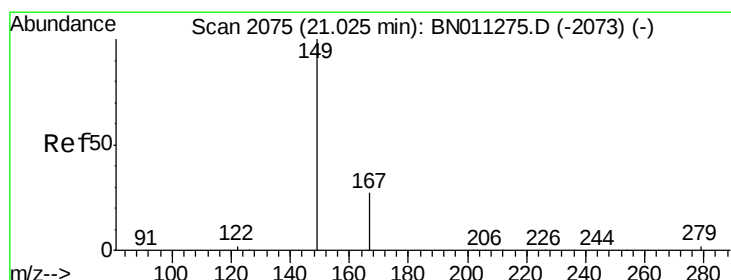
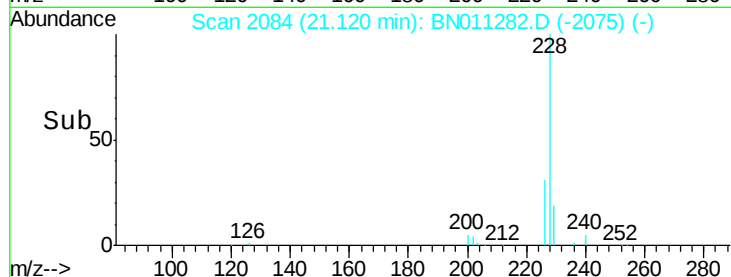
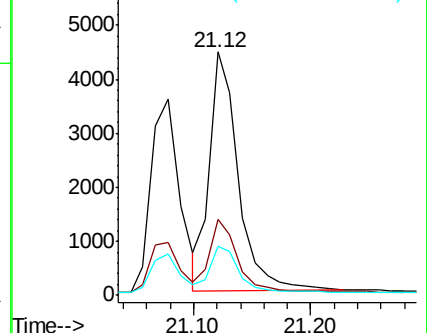
229 20.3 15.9 23.9



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: 0.383 ng

RT: 21.04 min Scan# 2076

Delta R.T. 0.01 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

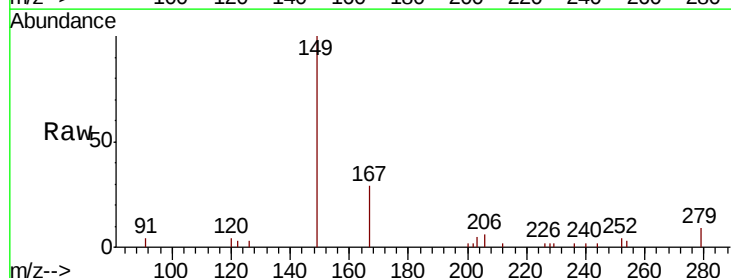
Tgt Ion:149 Resp: 3367

Ion Ratio Lower Upper

149 100

167 27.8 21.7 32.5

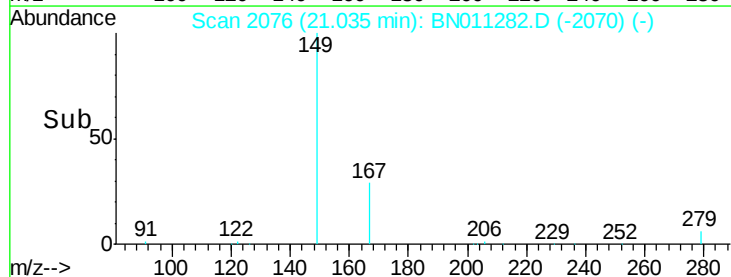
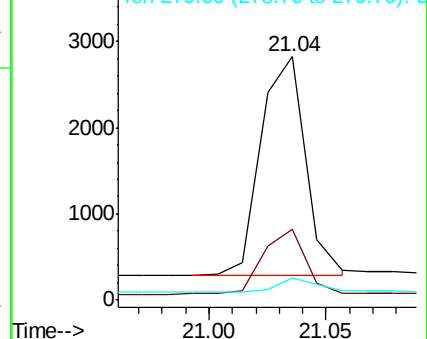
279 5.3 3.9 5.9

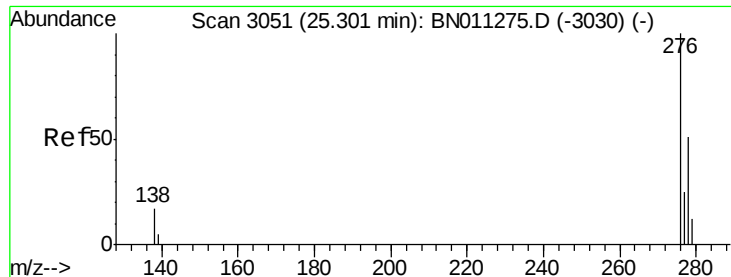


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

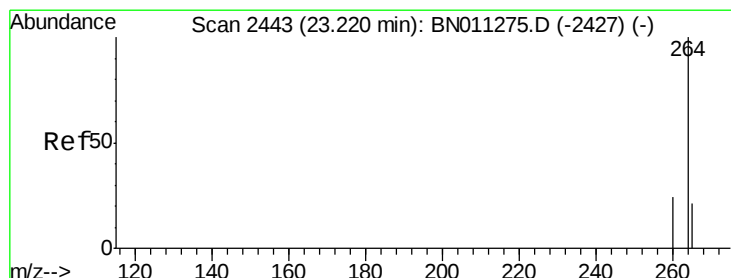
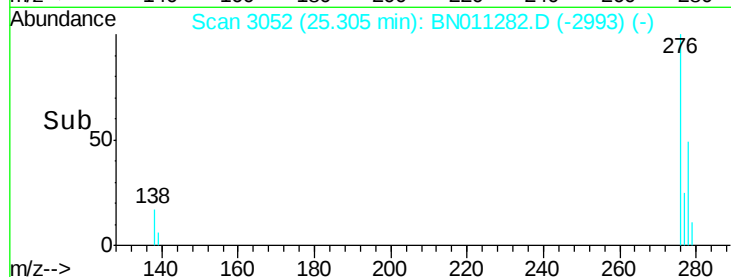
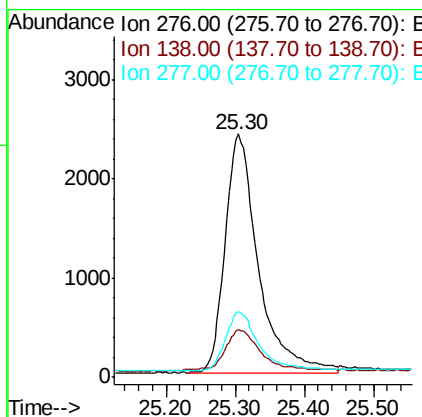
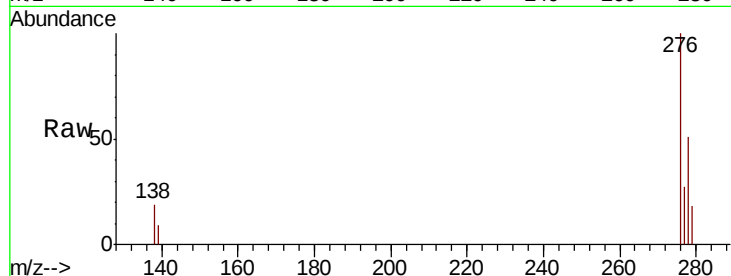




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.448 ng
RT: 25.30 min Scan# 3052
Delta R.T. 0.00 min
Lab File: BN011282.D
Acq: 28 Jul 2020 16:18

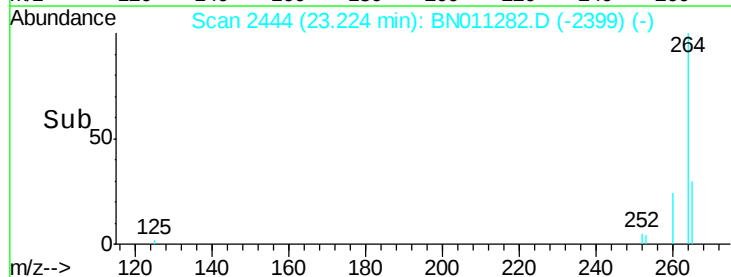
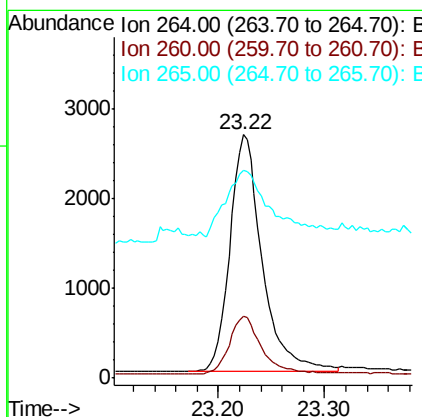
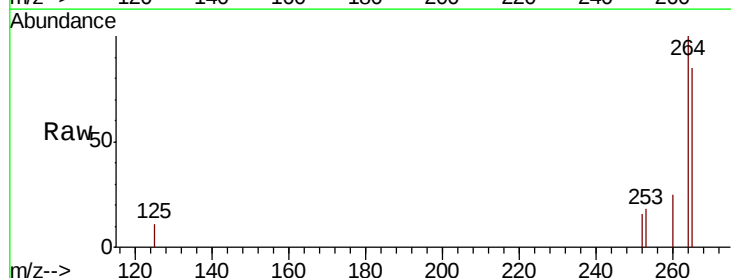
Instrument :
BNA_N
ClientSampleId :
PB130451BS

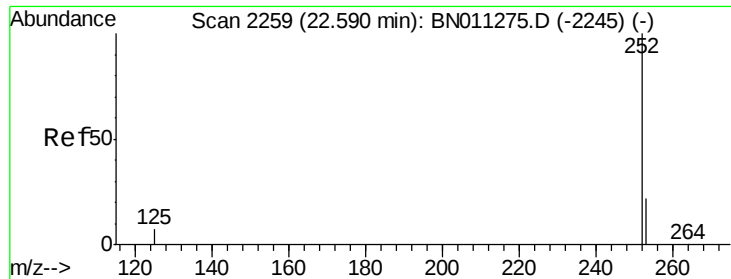
Tot Ion:276 Resp: 8027
Ion Ratio Lower Upper
276 100
138 19.2 13.6 20.4
277 25.7 19.7 29.5



#36
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BN011282.D
Acq: 28 Jul 2020 16:18

Tgt Ion:264 Resp: 5539
Ion Ratio Lower Upper
264 100
260 25.5 20.1 30.1
265 85.5 70.7 106.1

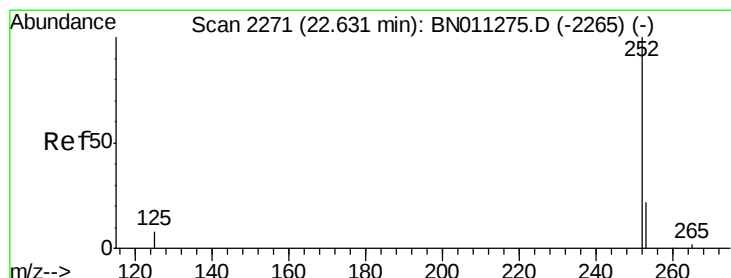
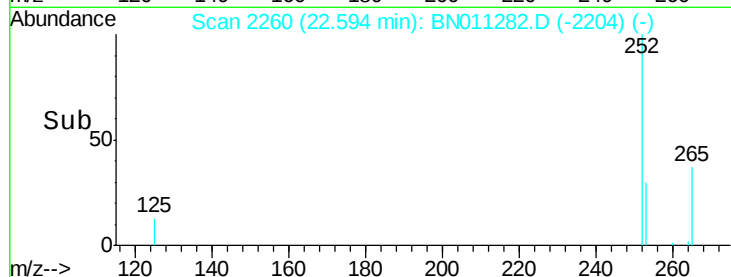
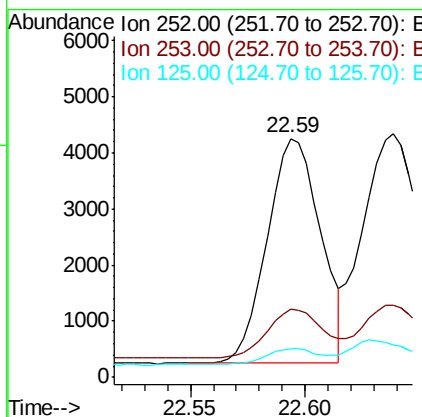
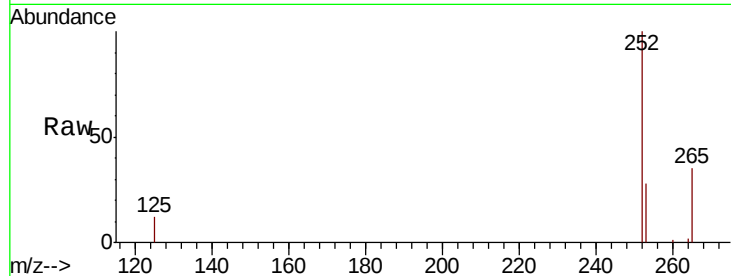




#37
Benzo(b)fluoranthene
Concen: 0.294 ng
RT: 22.59 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BN011282.D
Acq: 28 Jul 2020 16:18

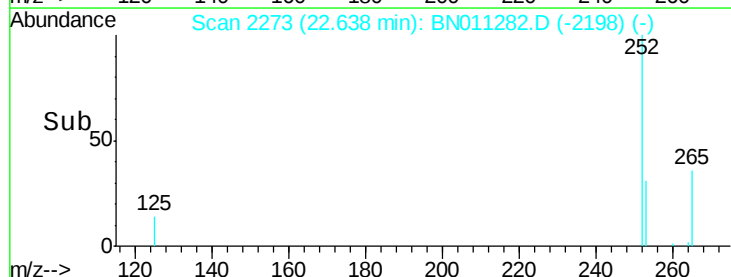
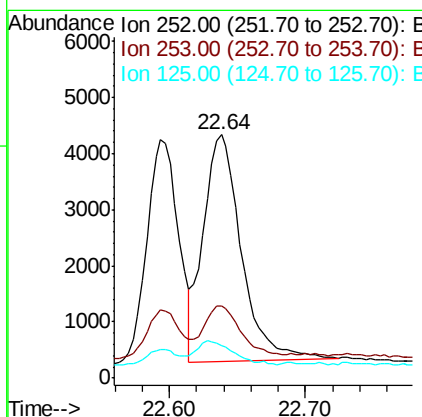
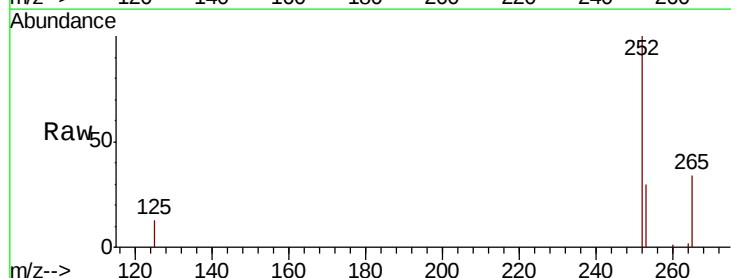
Instrument :
BNA_N
ClientSampleId :
PB130451BS

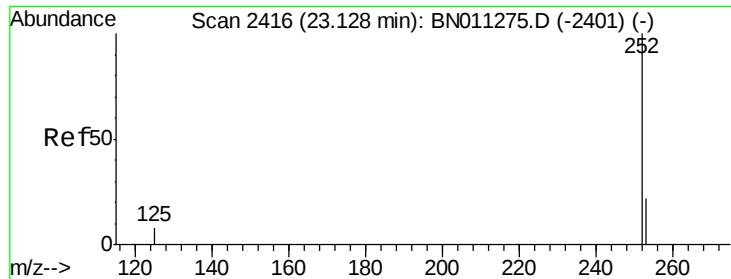
Tot Ion:252 Resp: 6496
Ion Ratio Lower Upper
252 100
253 28.4 23.1 34.7
125 12.0 9.4 14.2



#38
Benzo(k)fluoranthene
Concen: 0.321 ng
RT: 22.64 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BN011282.D
Acq: 28 Jul 2020 16:18

Tgt Ion:252 Resp: 7813
Ion Ratio Lower Upper
252 100
253 29.6 22.9 34.3
125 13.4 11.3 16.9





#39

Benzo(a)pyrene

Concen: 0.309 ng

RT: 23.13 min Scan# 2418

Delta R.T. 0.01 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

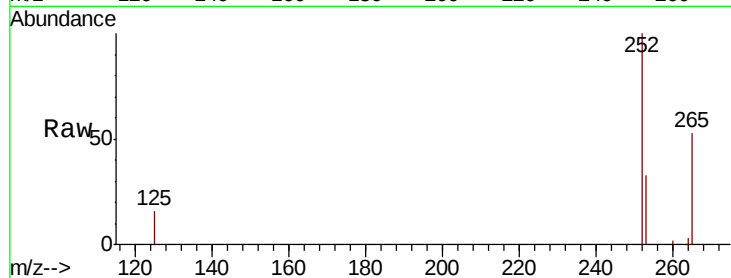
Tot Ion:252 Resp: 5930

Ion Ratio Lower Upper

252 100

253 32.7 26.6 39.8

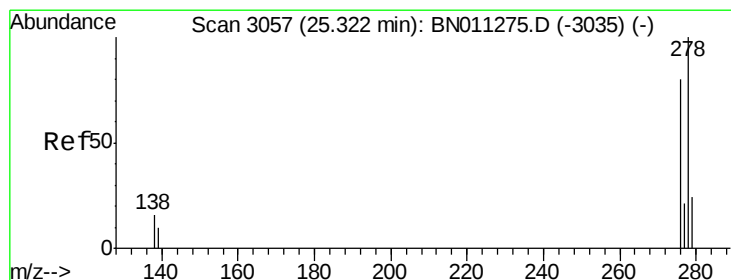
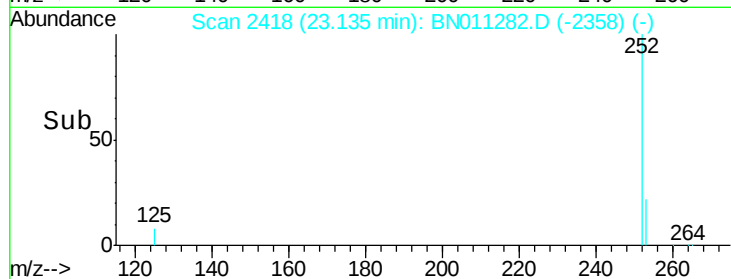
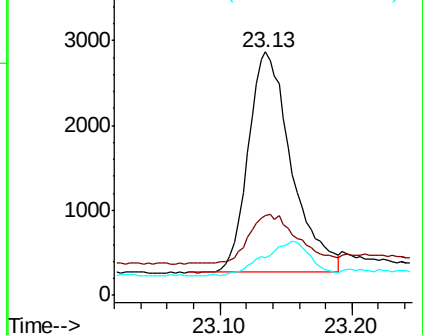
125 15.6 12.7 19.1



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: 0.323 ng

RT: 25.32 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

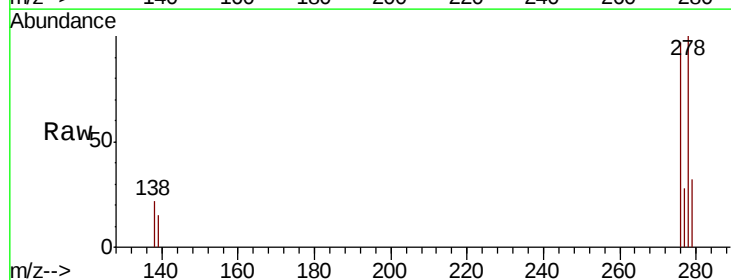
Tgt Ion:278 Resp: 6404

Ion Ratio Lower Upper

278 100

139 14.8 12.4 18.6

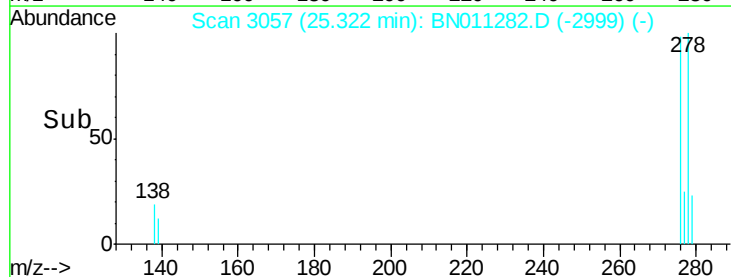
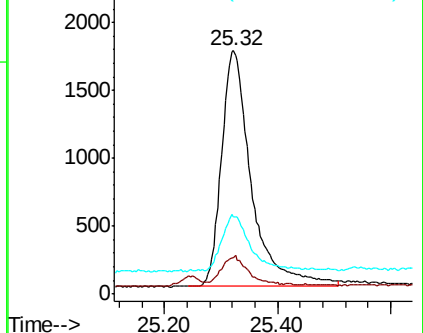
279 31.8 25.8 38.6

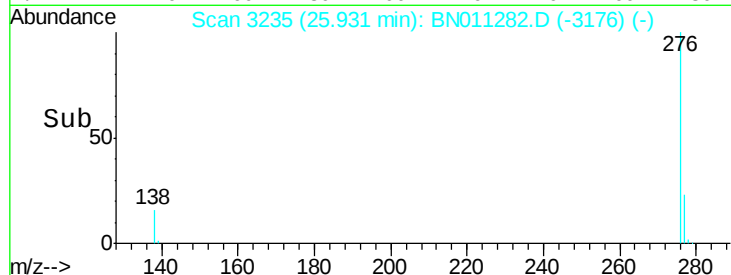
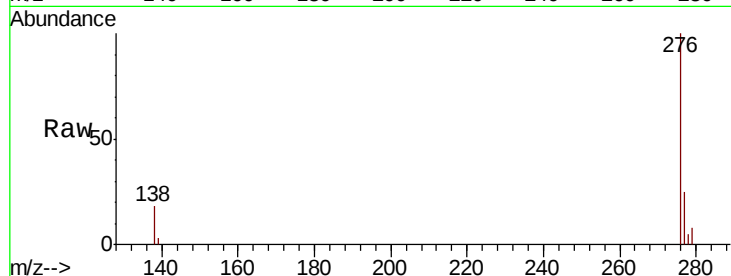
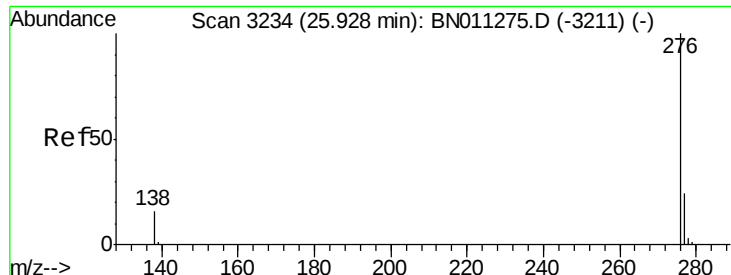


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.360 ng

RT: 25.93 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BN011282.D

Acq: 28 Jul 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB130451BS

Tot Ion:276 Resp: 7922

Ion Ratio Lower Upper

276 100

277 25.1 21.0 31.6

138 18.1 15.0 22.6

