

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011632.D
 Acq On : 26 Aug 2020 01:39
 Operator : CG/JU
 Sample : PB131164BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131164BSD

Quant Time: Aug 26 02:31:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2072	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	8263	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5236	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	11897	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12289	0.40	ng	-0.01
36) Perylene-d12	23.58	264	12522	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	2385	0.36	ng	0.00
5) Phenol-d6	6.91	99	3337	0.36	ng	0.00
8) Nitrobenzene-d5	8.89	82	3039	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	6110	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	989	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	8810	0.43	ng	-0.01
27) Fluoranthene-d10	19.17	212	14760	0.38	ng	0.00
31) Terphenyl-d14	19.77	244	13205	0.42	ng	0.00

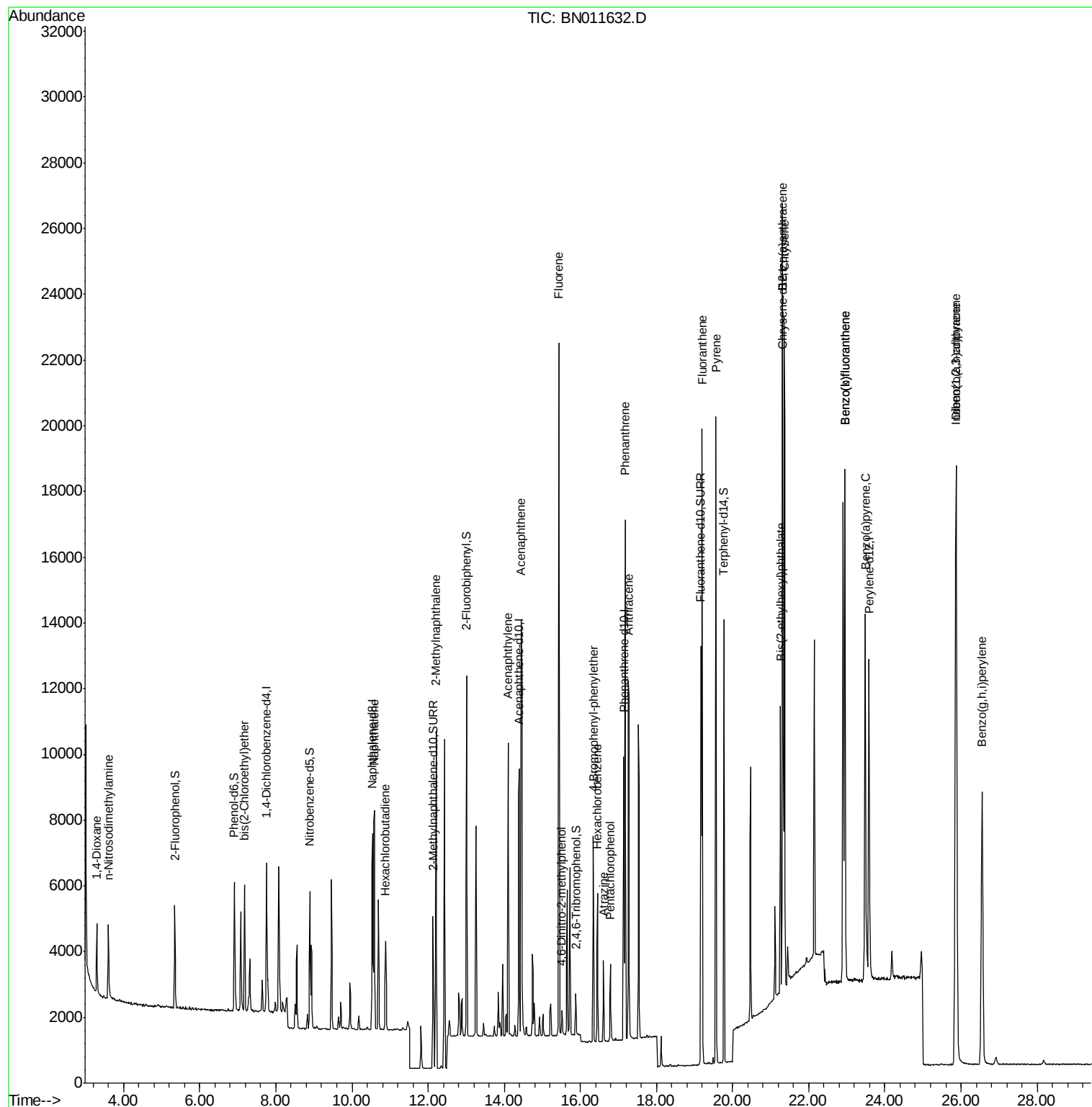
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1364	0.424	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	1601	0.473	ng	# 99
6) bis(2-Chloroethyl)ether	7.18	93	2689	0.404	ng	95
9) Naphthalene	10.59	128	9503	0.404	ng	95
10) Hexachlorobutadiene	10.88	225	2126	0.432	ng	# 100
12) 2-Methylnaphthalene	12.21	142	6884	0.397	ng	98
16) Acenaphthylene	14.10	152	10065	0.365	ng	100
17) Acenaphthene	14.45	154	7170	0.410	ng	98
18) Fluorene	15.44	166	9074	0.401	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	651	0.475	ng	# 36
21) 4-Bromophenyl-phenylether	16.34	248	2766	0.399	ng	# 71
22) Hexachlorobenzene	16.44	284	3422	0.427	ng	98
23) Atrazine	16.60	200	1806	0.263	ng	# 93
24) Pentachlorophenol	16.79	266	1154	0.326	ng	97
25) Phenanthrene	17.18	178	15077	0.408	ng	99
26) Anthracene	17.26	178	13468	0.370	ng	100
28) Fluoranthene	19.20	202	17620	0.393	ng	99
30) Pyrene	19.56	202	17913	0.411	ng	100
32) Benzo(a)anthracene	21.31	228	17344	0.391	ng	99
33) Chrysene	21.35	228	17915	0.424	ng	98
34) Bis(2-ethylhexyl)phthalate	21.26	149	7313	0.204	ng	95
35) Indeno(1,2,3-cd)pyrene	25.86	276	22697	0.440	ng	# 100
37) Benzo(b)fluoranthene	22.95	252	19516	0.430	ng	96
38) Benzo(k)fluoranthene	22.95	252	19516	0.433	ng	# 91
39) Benzo(a)pyrene	23.48	252	16489	0.390	ng	# 95
40) Dibenzo(a,h)anthracene	25.87	278	18964	0.429	ng	# 93
41) Benzo(g,h,i)perylene	26.55	276	18015	0.420	ng	# 95

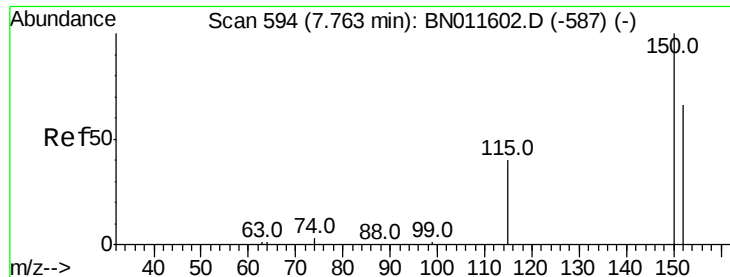
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

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ClientSampleId :

PB131164BSD

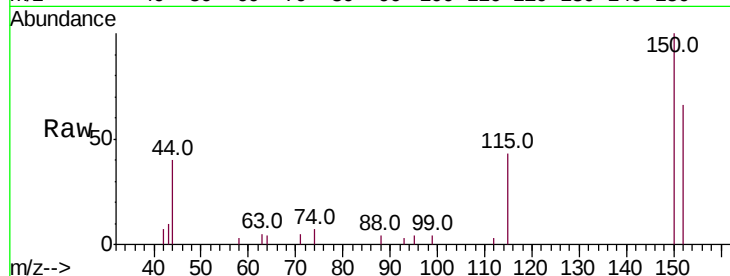
Tot Ion:152 Resp: 2072

Ion Ratio Lower Upper

152 100

150 151.6 112.4 168.6

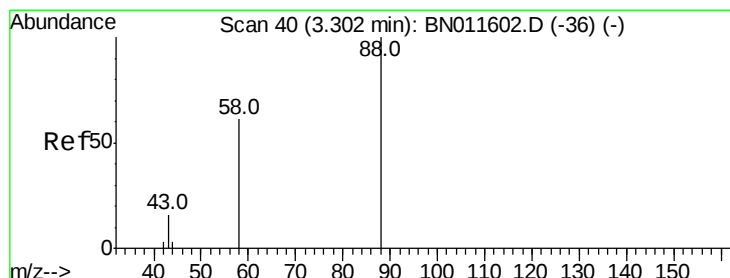
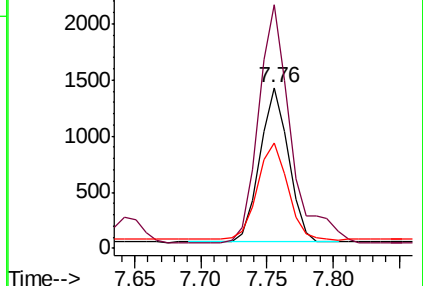
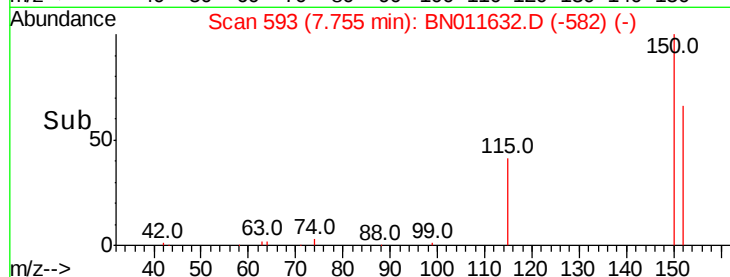
115 65.6 56.9 85.3



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: 0.424 ng

RT: 3.30 min Scan# 40

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

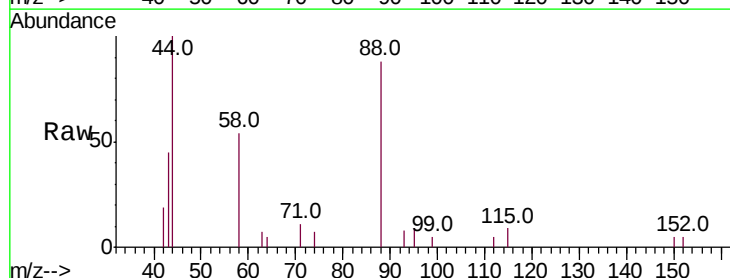
Tgt Ion: 88 Resp: 1364

Ion Ratio Lower Upper

88 100

58 72.6 3.0 4.4#

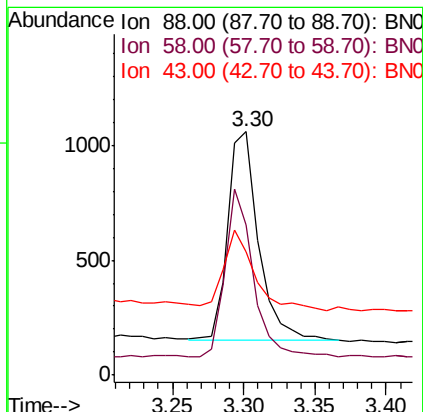
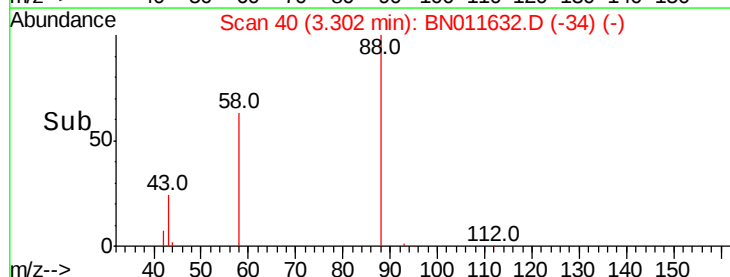
43 37.8 0.0 0.0#

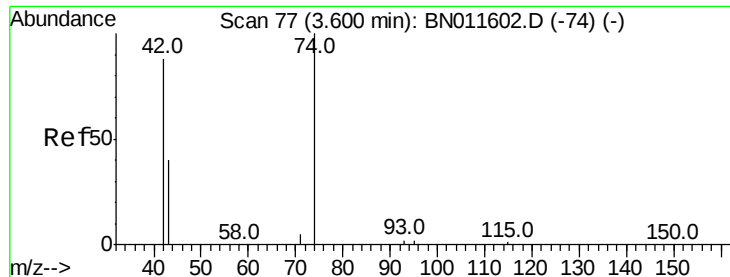


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.473 ng

RT: 3.60 min Scan# 77

Delta R.T. -0.00 min

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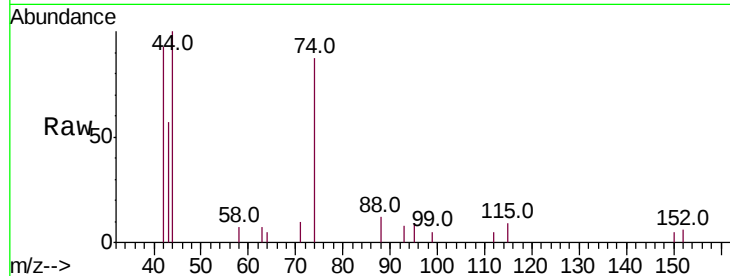
Tot Ion: 42 Resp: 1601

Ion Ratio Lower Upper

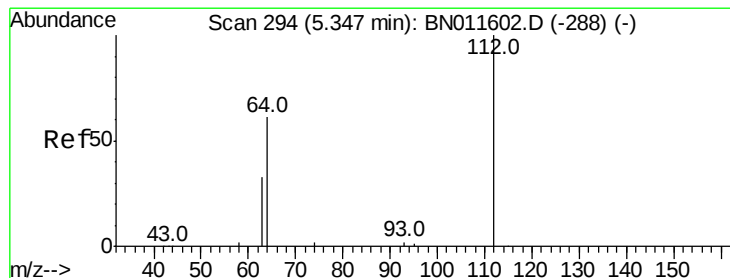
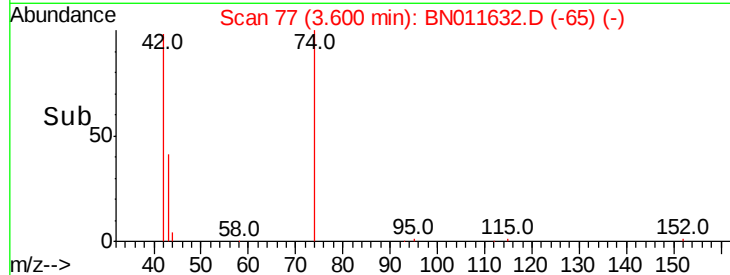
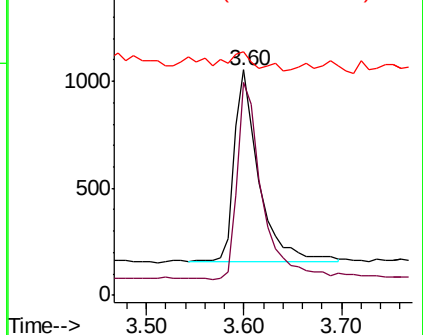
42 100

74 101.5 0.0 0.0#

44 10.8 8.2 12.4



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: 0.360 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

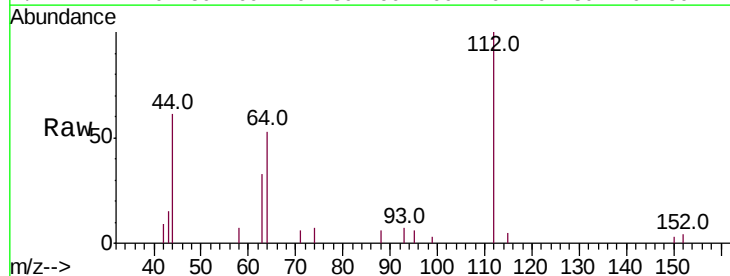
Tgt Ion: 112 Resp: 2385

Ion Ratio Lower Upper

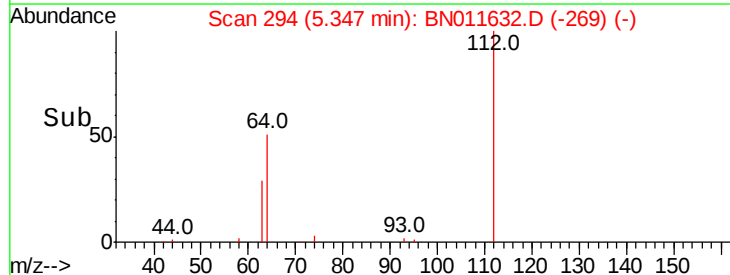
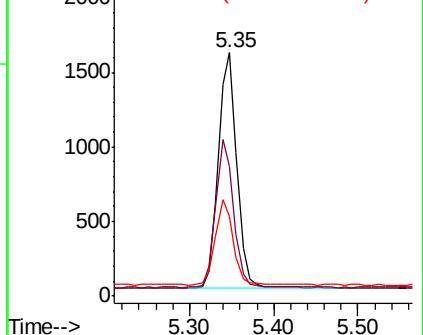
112 100

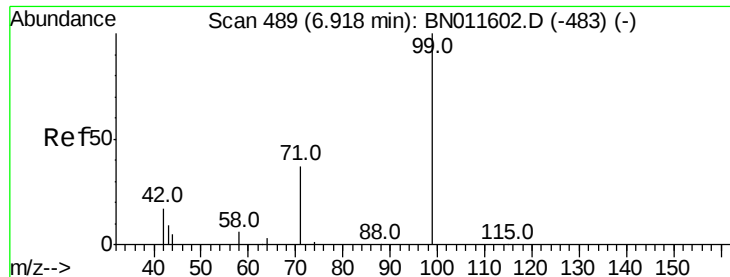
64 60.5 49.6 74.4

63 35.2 26.4 39.6



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





#5

Phenol-d6

Concen: 0.356 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

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PB131164BSD

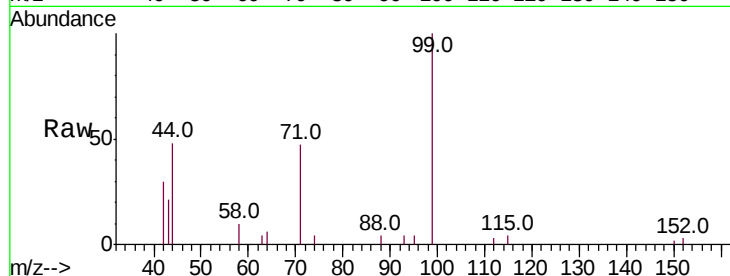
Tot Ion: 99 Resp: 3337

Ion Ratio Lower Upper

99 100

42 23.8 0.0 0.0#

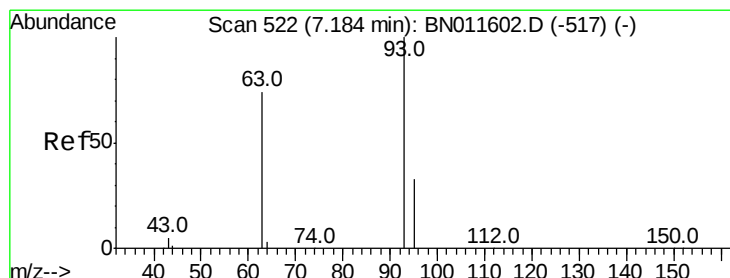
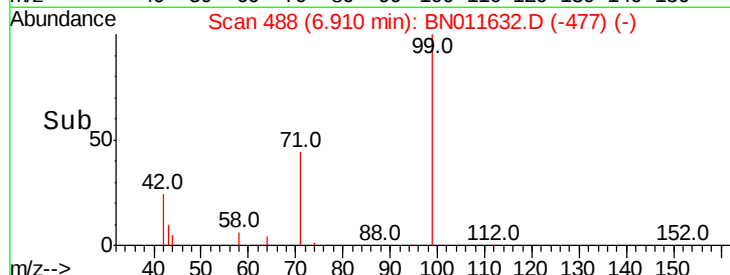
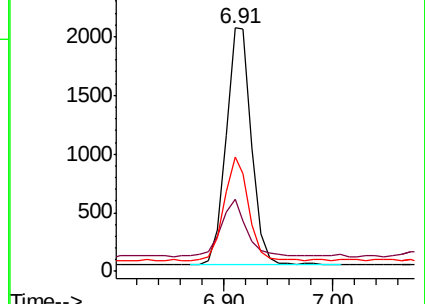
71 41.5 0.0 0.0#



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

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

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



#6

bis(2-Chloroethyl)ether

Concen: 0.404 ng

RT: 7.18 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

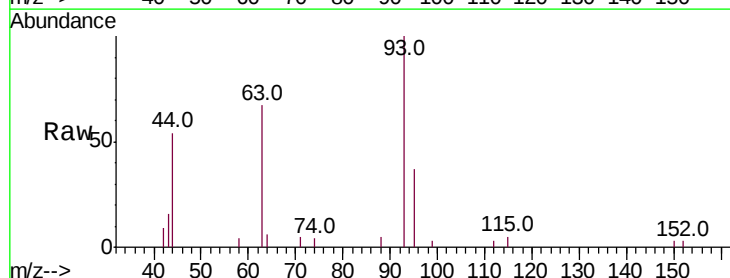
Tgt Ion: 93 Resp: 2689

Ion Ratio Lower Upper

93 100

63 76.3 57.8 86.8

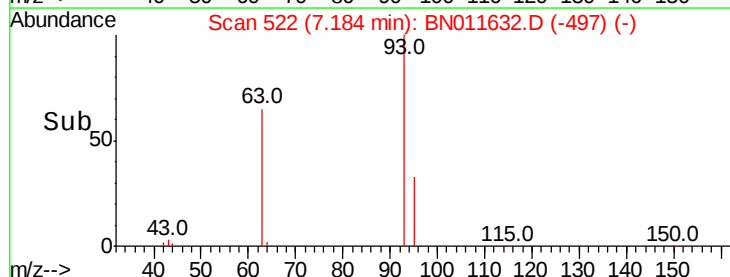
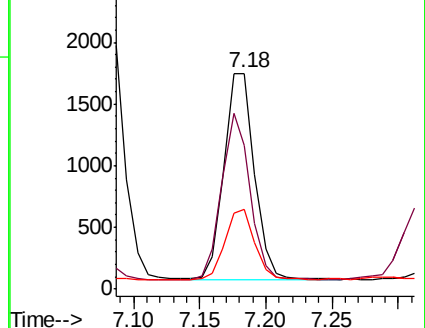
95 33.0 28.3 42.5

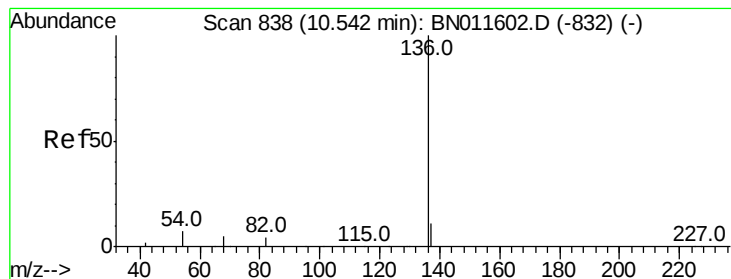


Abundance Ion 93.00 (92.70 to 93.70): BN011602.D (-517) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

Tot Ion:136 Resp: 8263

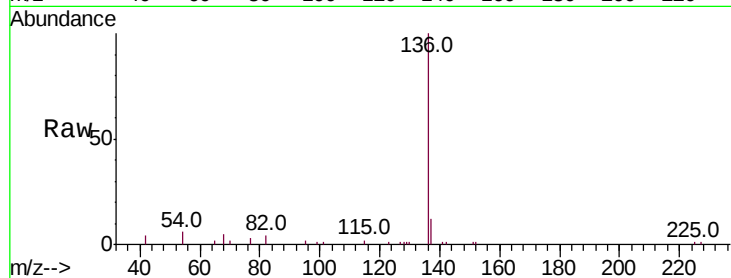
Ion Ratio Lower Upper

136 100

137 11.8 11.5 17.3

54 6.2 11.9 17.9#

68 4.6 12.3 18.5#

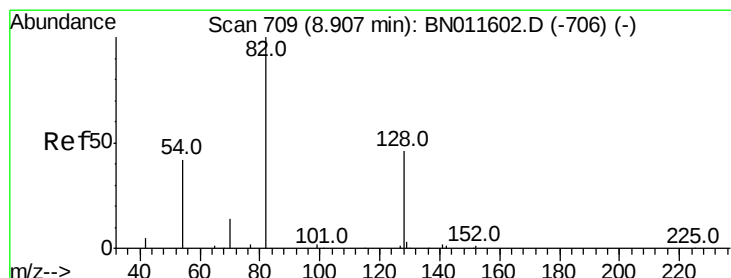
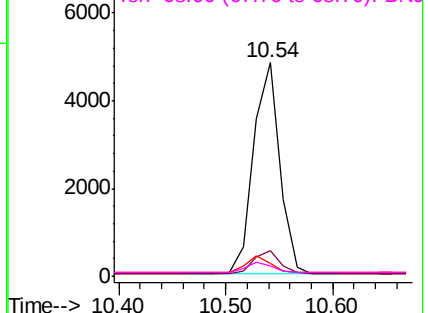
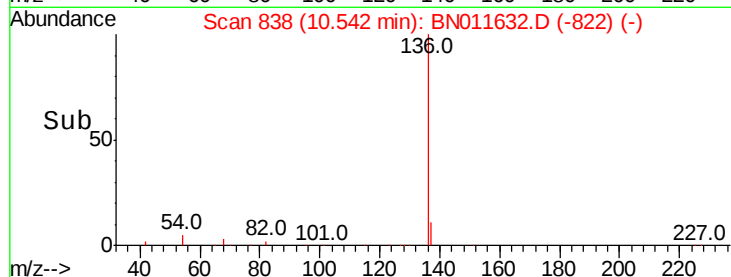


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.425 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

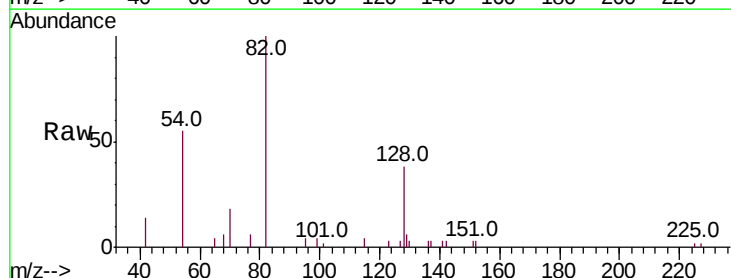
Tgt Ion: 82 Resp: 3039

Ion Ratio Lower Upper

82 100

128 37.6 31.1 46.7

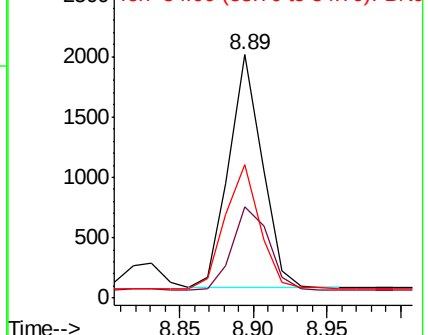
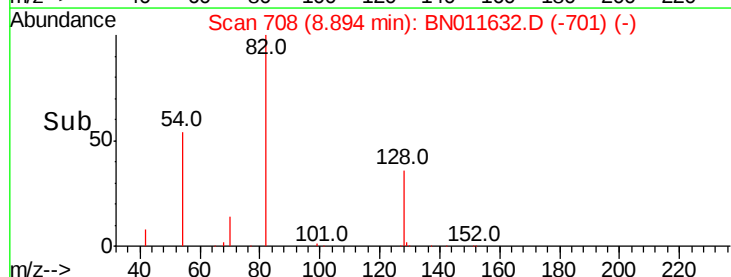
54 54.6 37.1 55.7

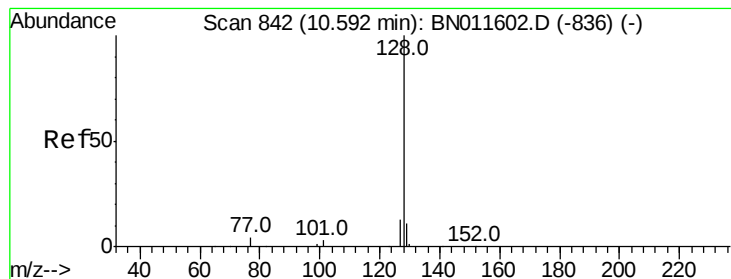


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.404 ng

RT: 10.59 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

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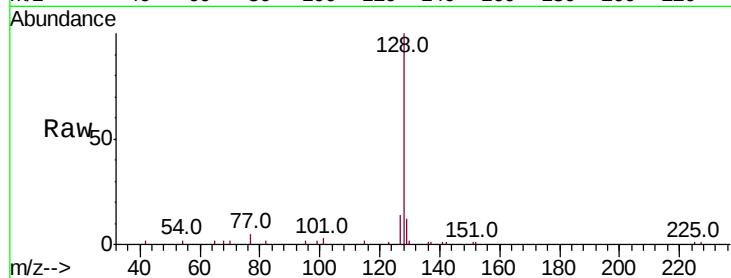
Tot Ion:128 Resp: 9503

Ion Ratio Lower Upper

128 100

129 12.3 11.0 16.4

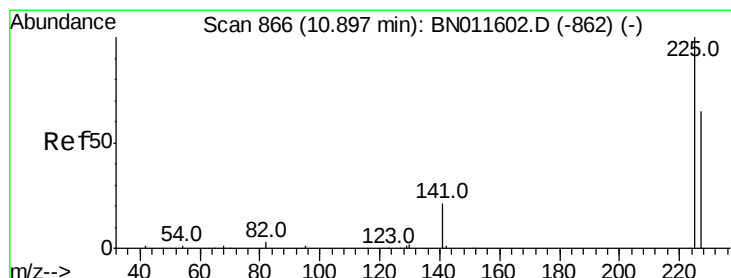
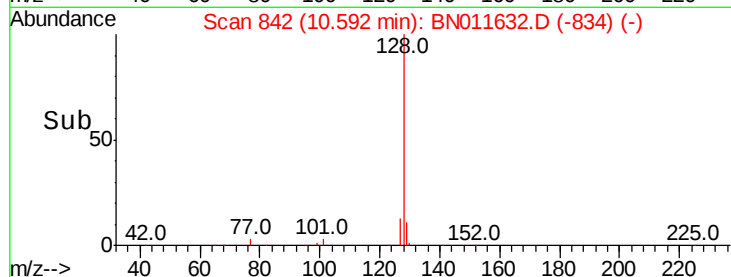
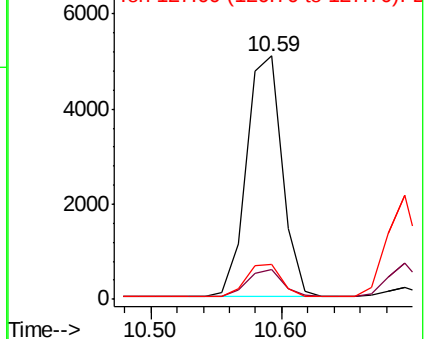
127 14.1 13.5 20.3



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: 0.432 ng

RT: 10.88 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

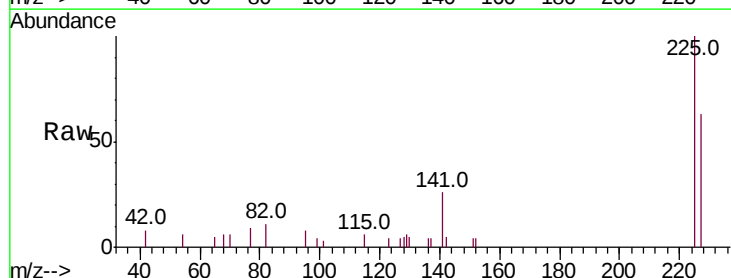
Tgt Ion:225 Resp: 2126

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

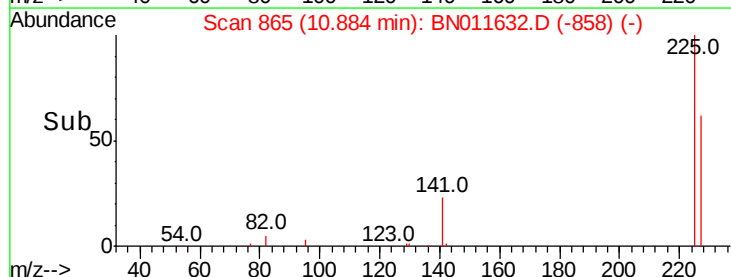
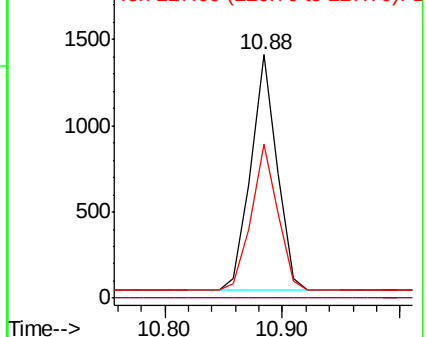
227 62.4 50.2 75.2

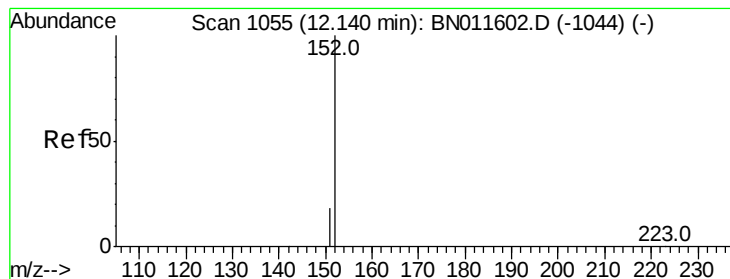


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.13 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

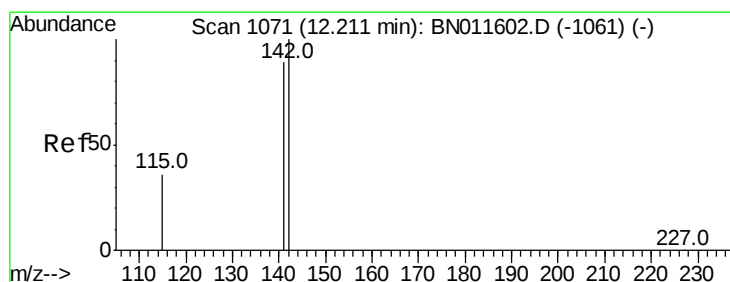
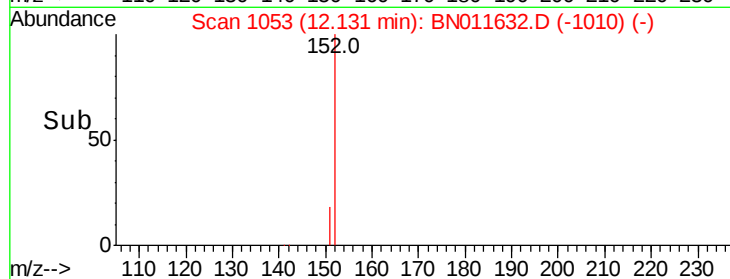
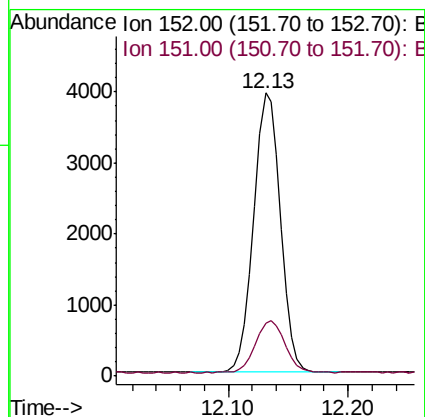
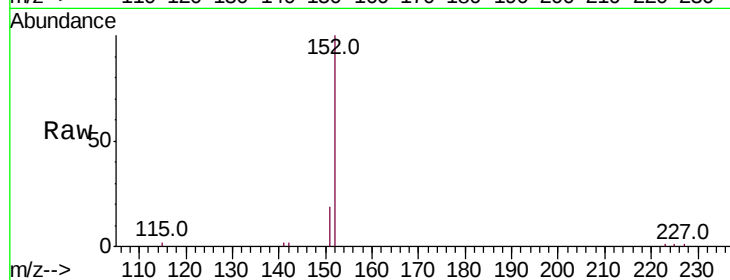
PB131164BSD

Tot Ion:152 Resp: 6110

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.21 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

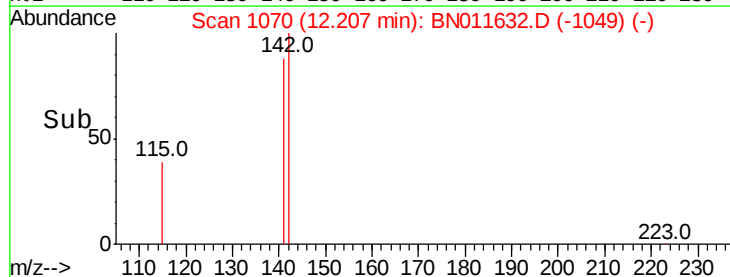
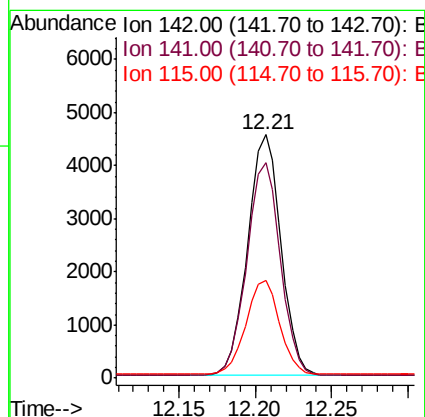
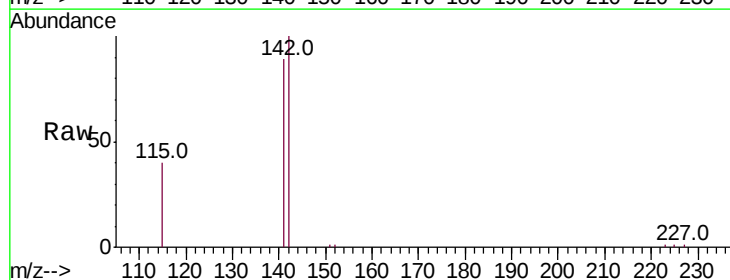
Tgt Ion:142 Resp: 6884

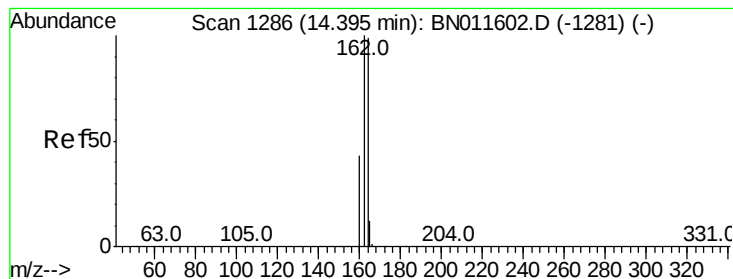
Ion Ratio Lower Upper

142 100

141 88.6 72.7 109.1

115 39.9 32.7 49.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

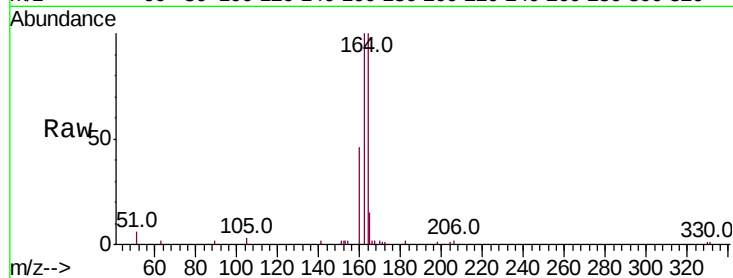
Tot Ion:164 Resp: 5236

Ion Ratio Lower Upper

164 100

162 99.9 80.8 121.2

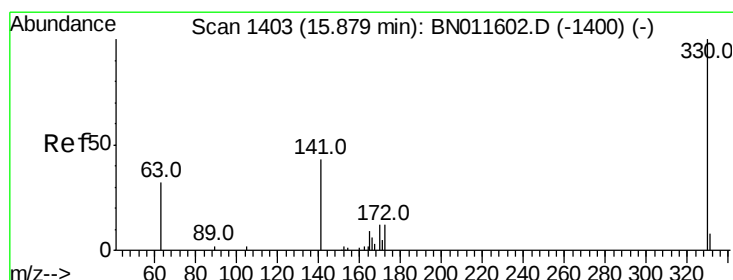
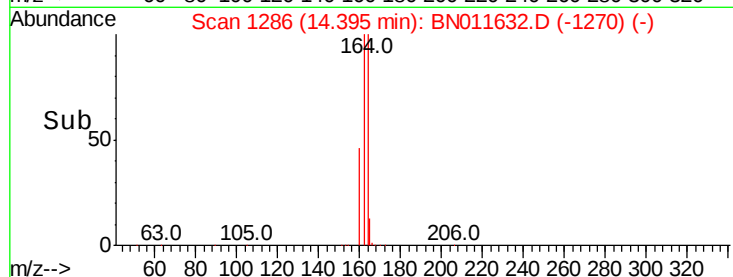
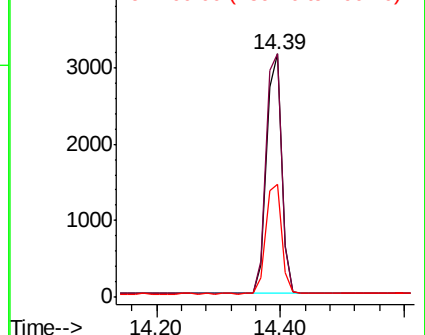
160 46.4 35.6 53.4



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: 0.344 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

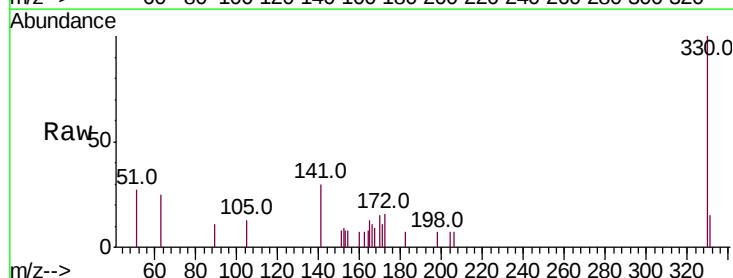
Tgt Ion:330 Resp: 989

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

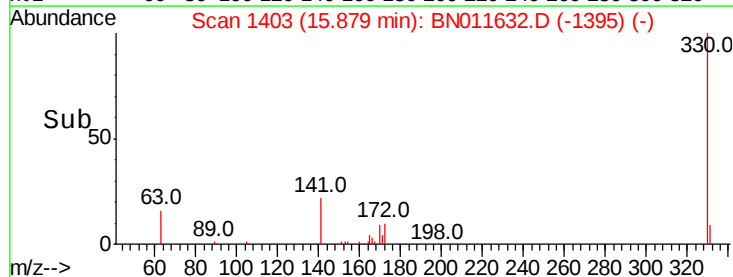
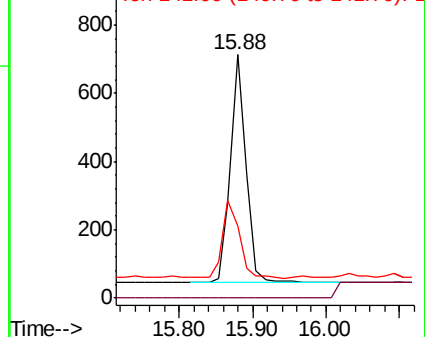
141 36.8 29.4 44.2

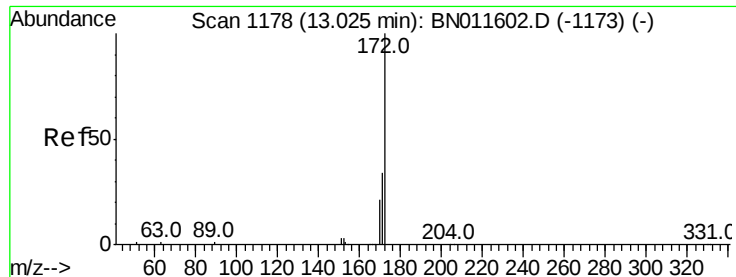


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

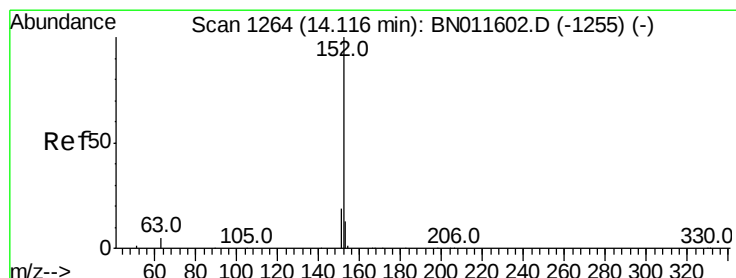
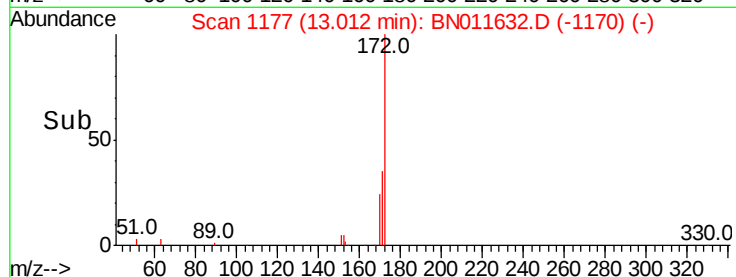
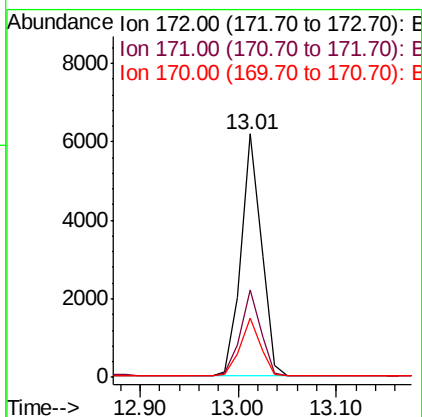
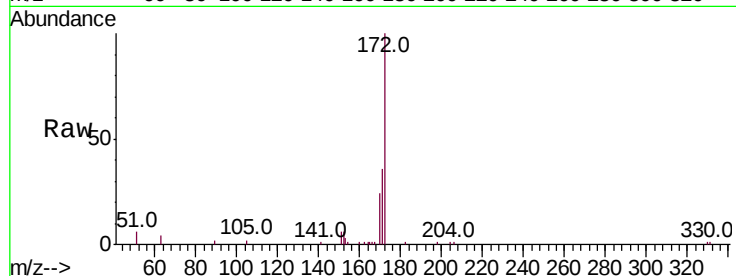




#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011632.D
Acq: 26 Aug 2020 01:39

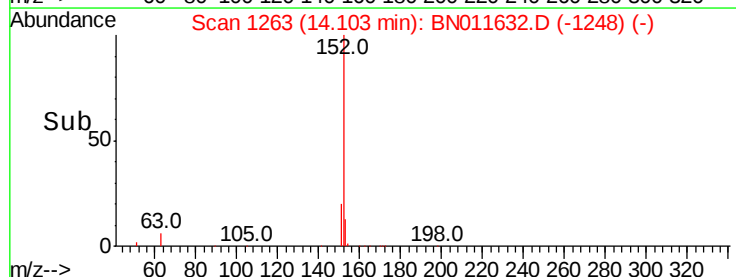
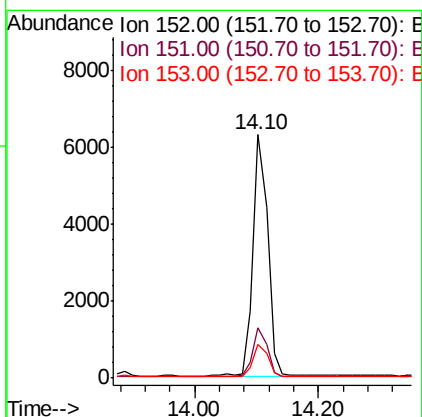
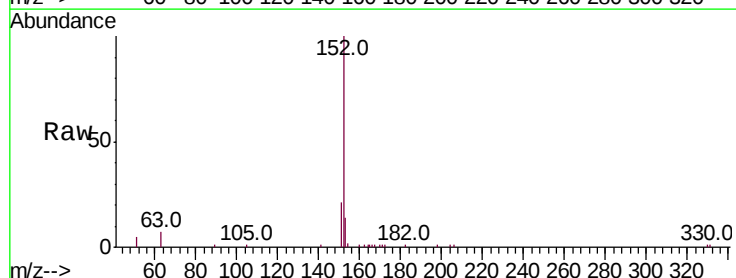
Instrument :
BNA_N
ClientSampleId :
PB131164BSD

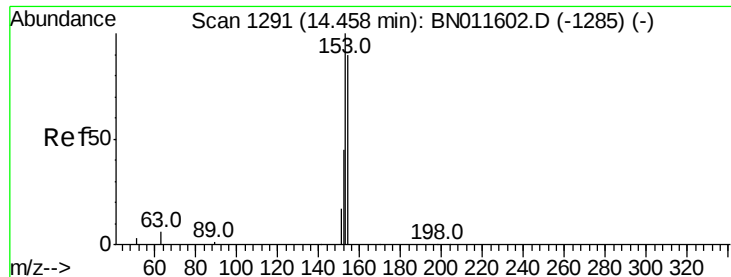
Tot Ion:172 Resp: 8810
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 24.2 18.2 27.2



#16
Acenaphthylene
Concen: 0.365 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011632.D
Acq: 26 Aug 2020 01:39

Tgt Ion:152 Resp: 10065
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.5 11.0 16.4





#17

Acenaphthene

Concen: 0.410 ng

RT: 14.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

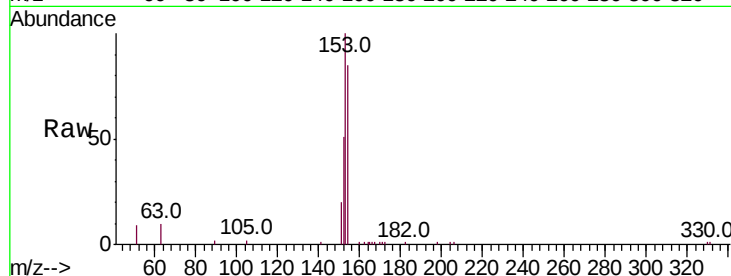
Tot Ion:154 Resp: 7170

Ion Ratio Lower Upper

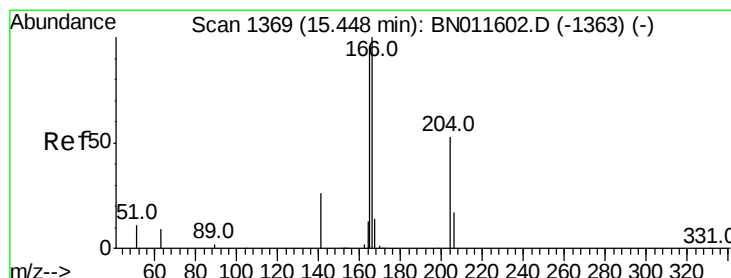
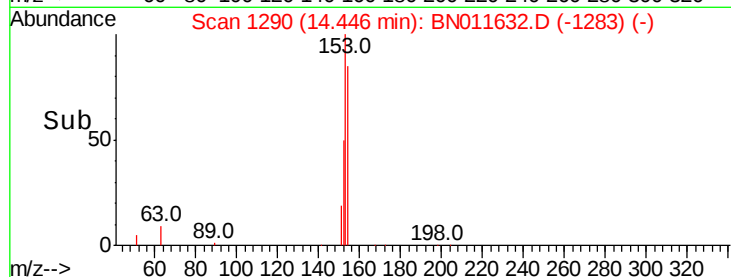
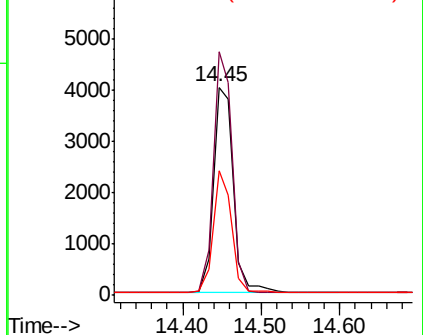
154 100

153 109.3 86.6 130.0

152 53.5 40.1 60.1



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: 0.401 ng

RT: 15.44 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

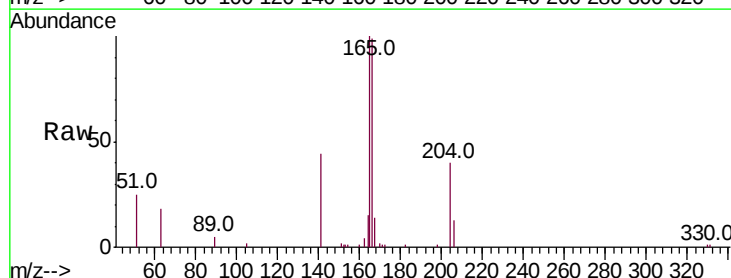
Tgt Ion:166 Resp: 9074

Ion Ratio Lower Upper

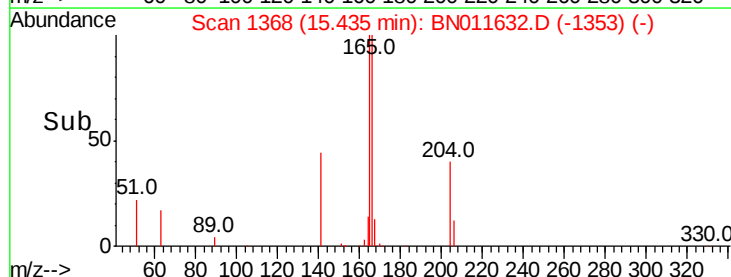
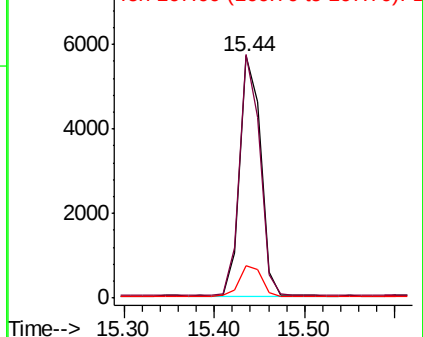
166 100

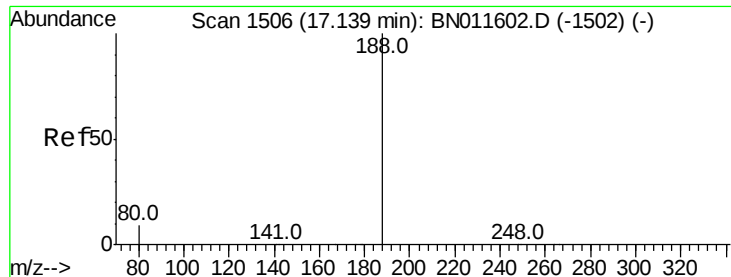
165 97.2 77.4 116.2

167 13.4 11.5 17.3



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: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

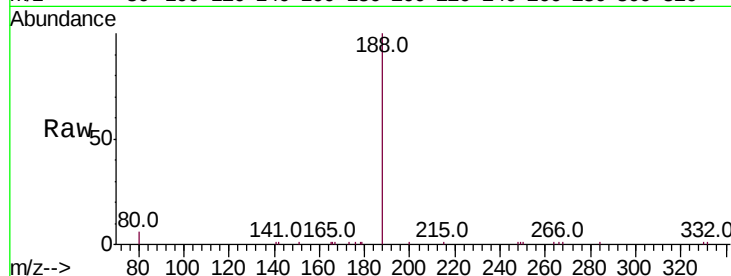
Tot Ion:188 Resp: 11897

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

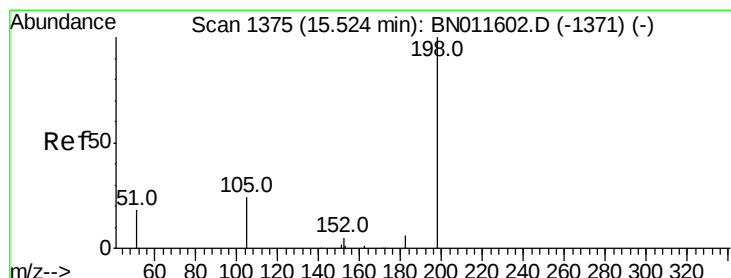
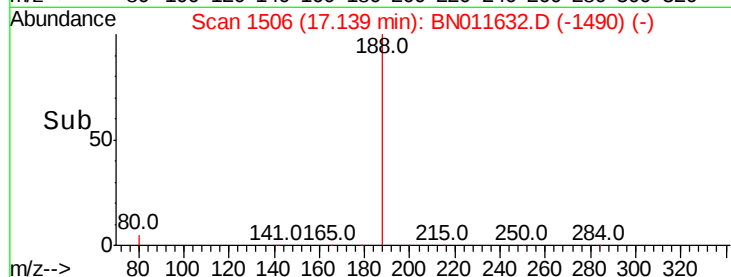
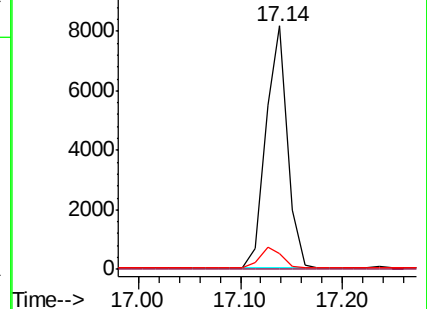
80 6.3 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.475 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

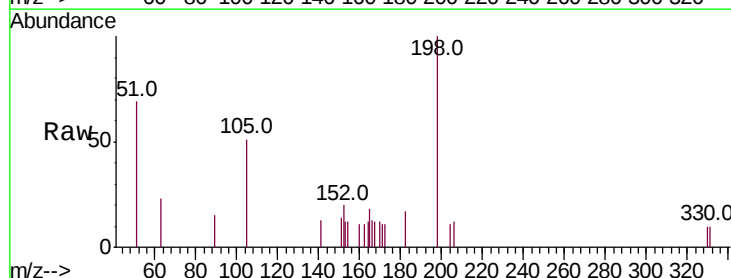
Tgt Ion:198 Resp: 651

Ion Ratio Lower Upper

198 100

51 69.1 99.6 149.4#

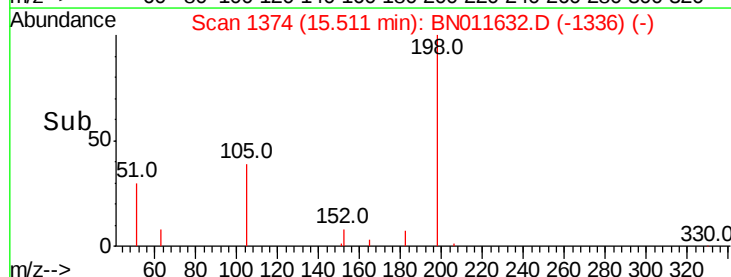
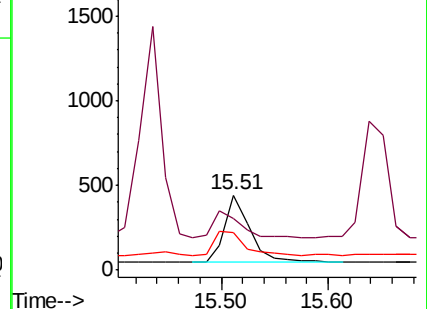
105 50.8 118.8 178.2#

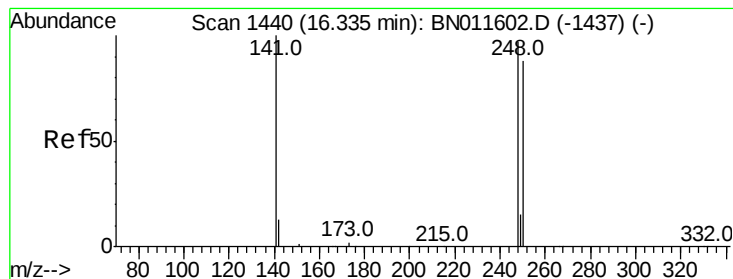


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.399 ng

RT: 16.34 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

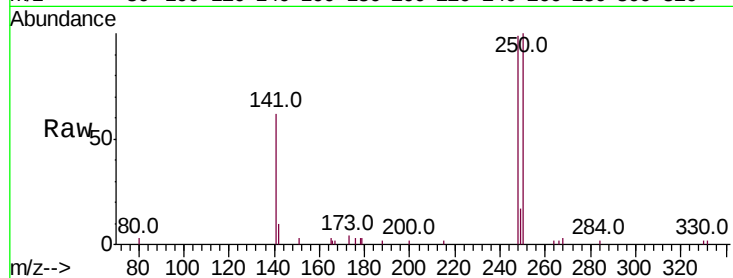
Tot Ion:248 Resp: 2766

Ion Ratio Lower Upper

248 100

250 101.5 73.4 110.2

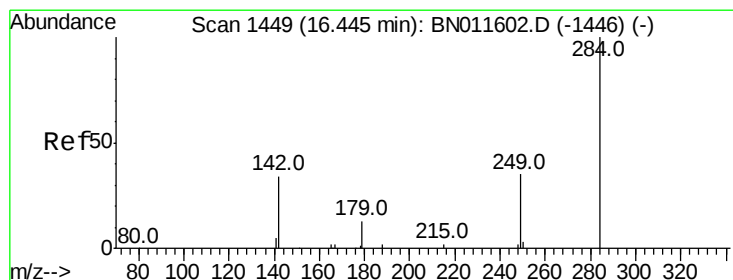
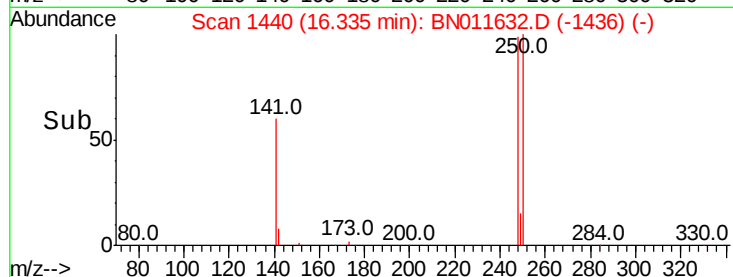
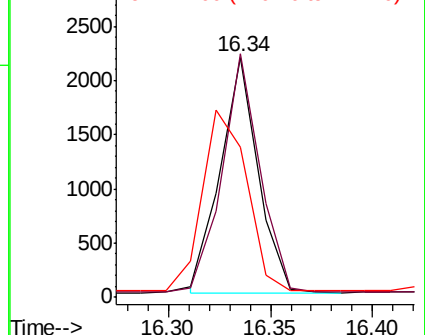
141 62.6 88.5 132.7#



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: 0.427 ng

RT: 16.44 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

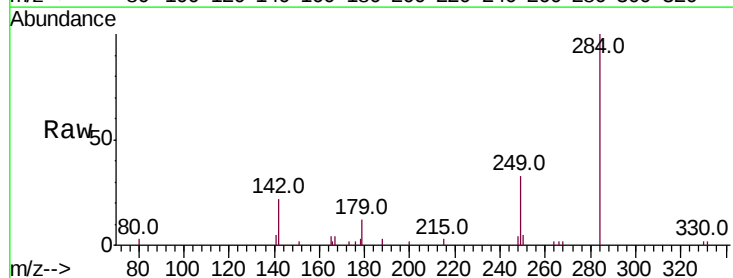
Tgt Ion:284 Resp: 3422

Ion Ratio Lower Upper

284 100

142 35.7 27.3 40.9

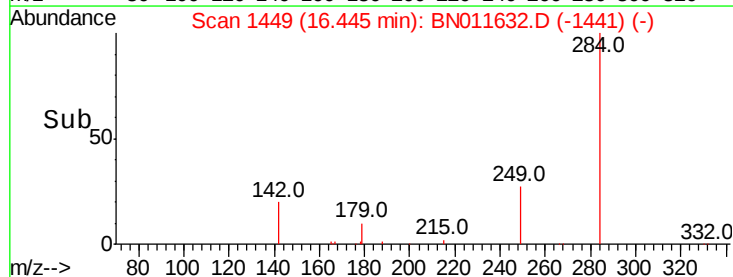
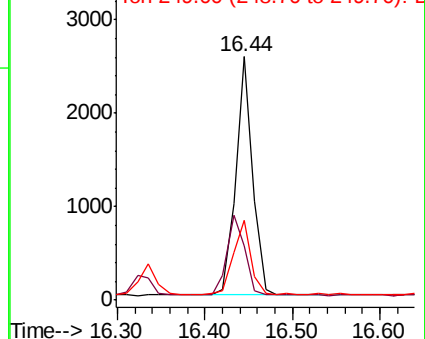
249 31.2 25.2 37.8

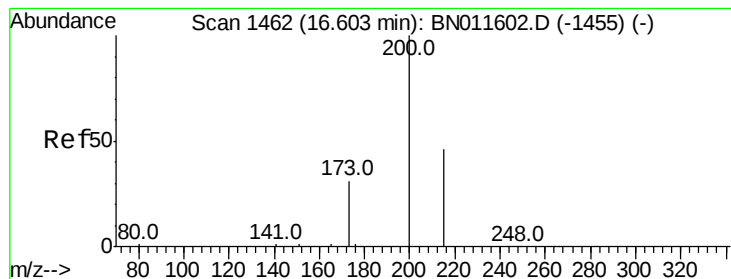


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.263 ng

RT: 16.60 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

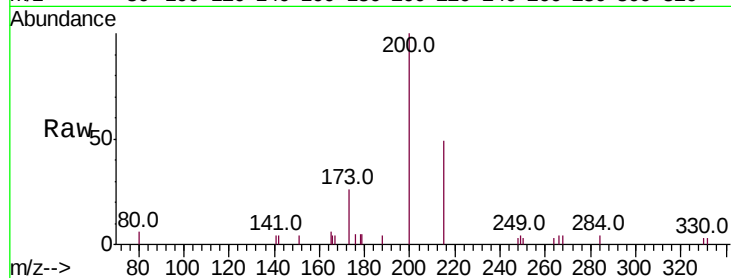
Tot Ion:200 Resp: 1806

Ion Ratio Lower Upper

200 100

173 26.3 28.2 42.4#

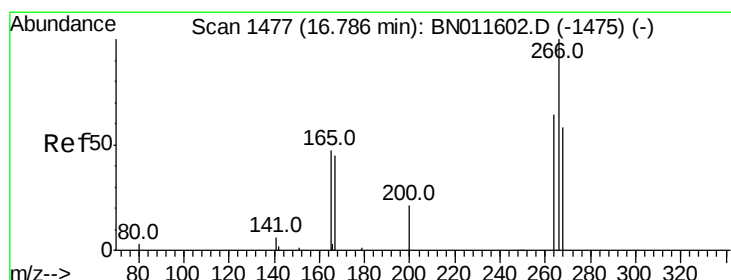
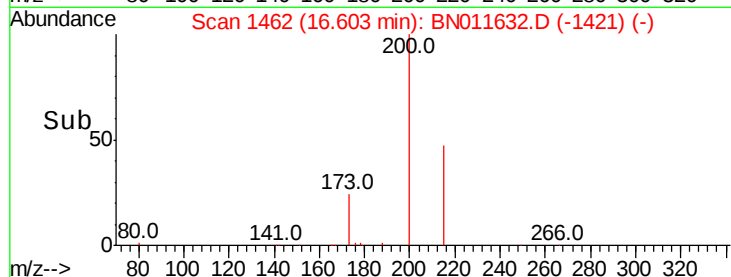
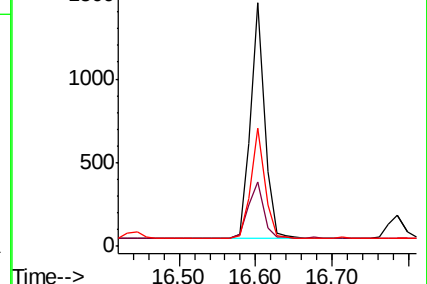
215 48.6 39.8 59.6



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: 0.326 ng

RT: 16.79 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

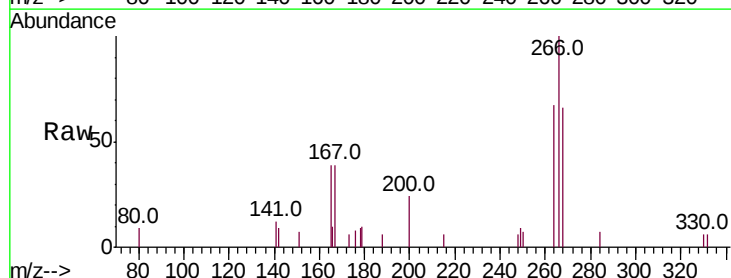
Tgt Ion:266 Resp: 1154

Ion Ratio Lower Upper

266 100

264 62.0 48.1 72.1

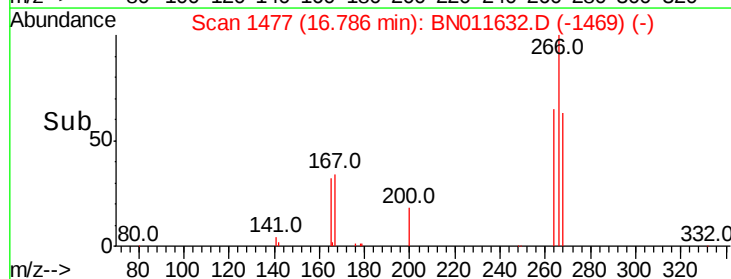
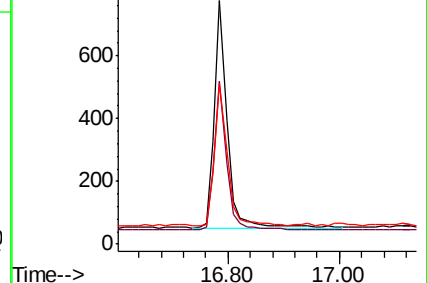
268 63.2 48.4 72.6

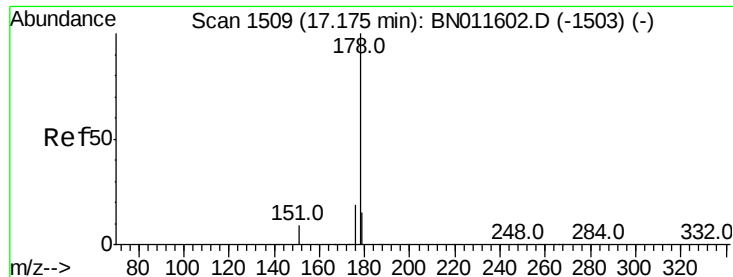


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.408 ng

RT: 17.18 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

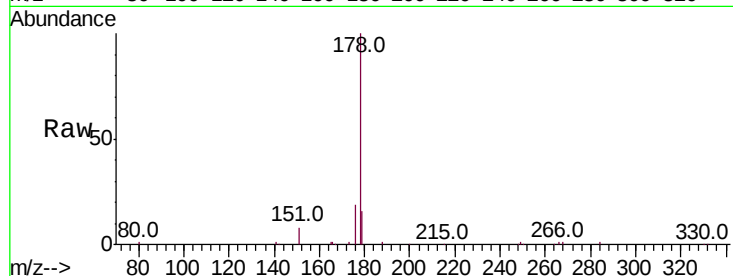
Tot Ion:178 Resp: 15077

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

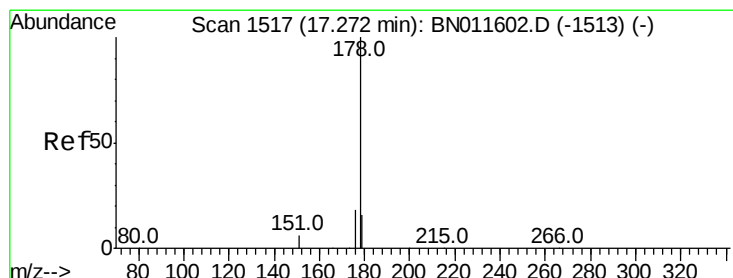
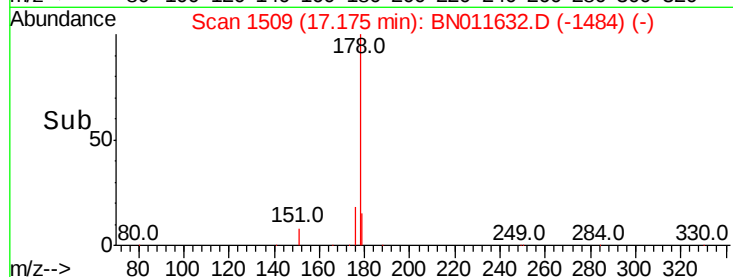
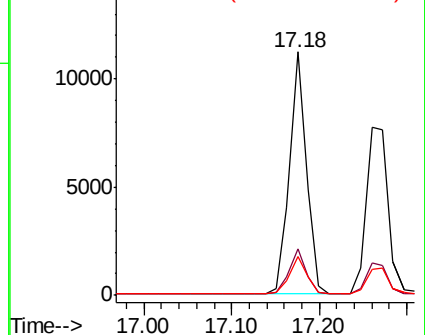
179 15.3 12.6 18.8



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: 0.370 ng

RT: 17.26 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

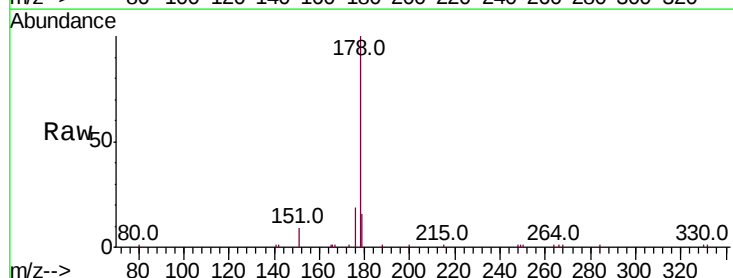
Tgt Ion:178 Resp: 13468

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

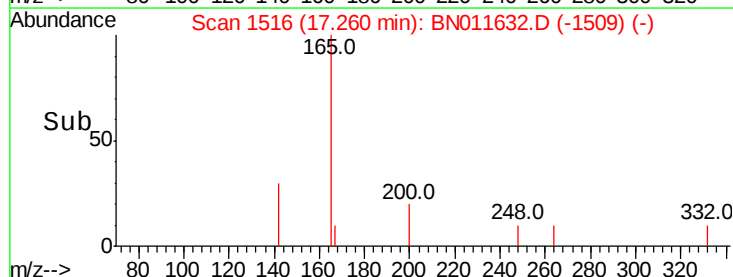
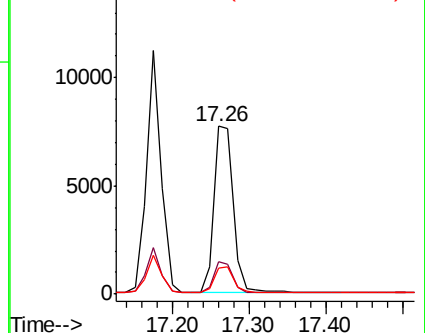
179 15.3 12.5 18.7

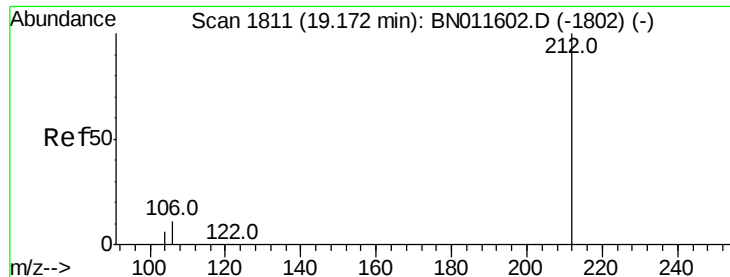


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

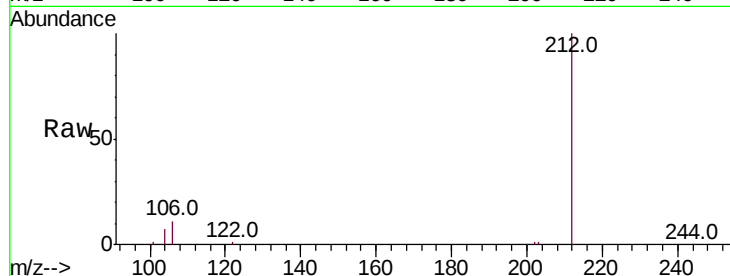




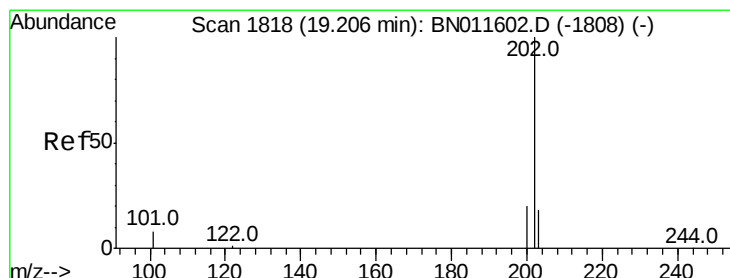
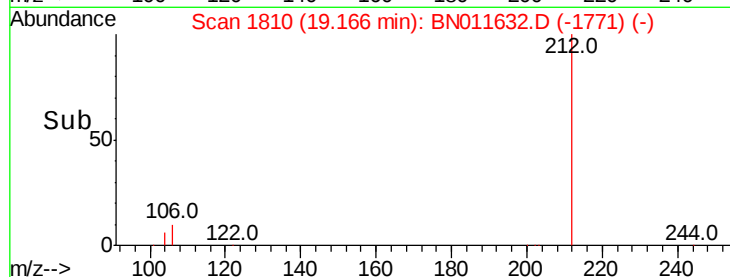
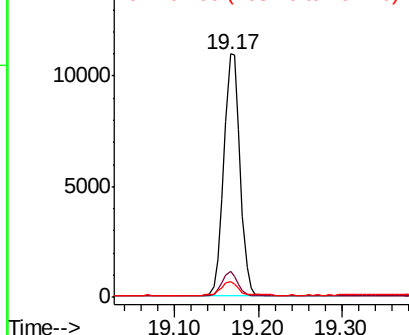
#27
 Fluoranthene-d10
 Concen: 0.381 ng
 RT: 19.17 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BN011632.D
 Acq: 26 Aug 2020 01:39

Instrument :
 BNA_N
 ClientSampleId :
 PB131164BSD

Tot Ion:212 Resp: 14760
 Ion Ratio Lower Upper
 212 100
 106 9.6 8.9 13.3
 104 5.7 5.3 7.9

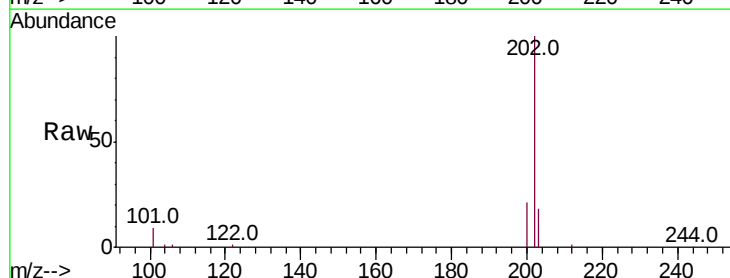


Abundance Ion 212.00 (211.70 to 212.70): E
 15000 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

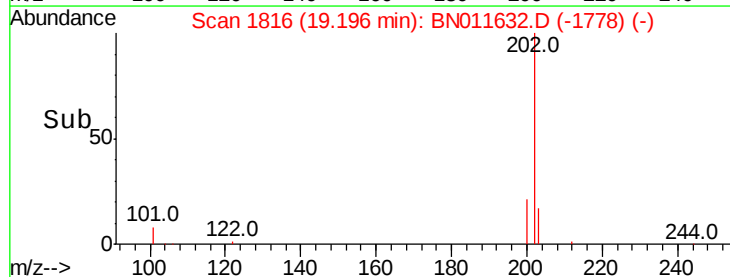
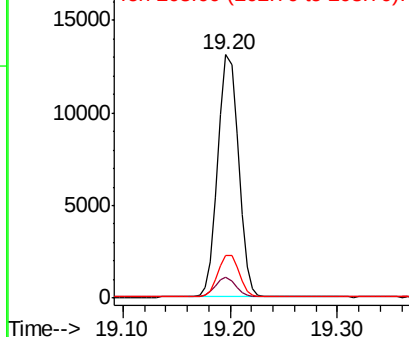


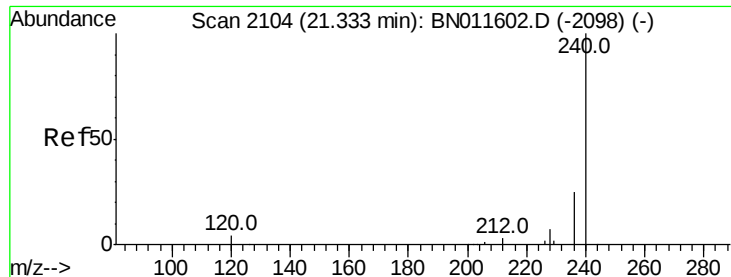
#28
 Fluoranthene
 Concen: 0.393 ng
 RT: 19.20 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BN011632.D
 Acq: 26 Aug 2020 01:39

Tgt Ion:202 Resp: 17620
 Ion Ratio Lower Upper
 202 100
 101 8.2 7.7 11.5
 203 17.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
 15000 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: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

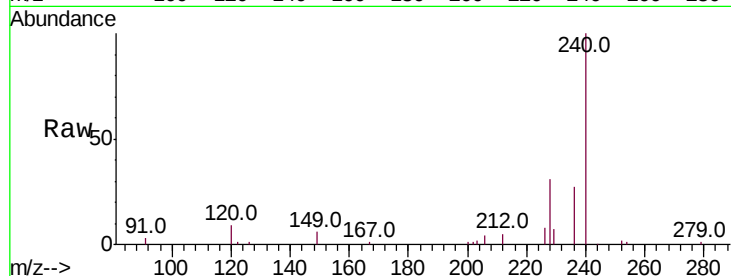
Tot Ion:240 Resp: 12289

Ion Ratio Lower Upper

240 100

120 9.5 6.0 9.0#

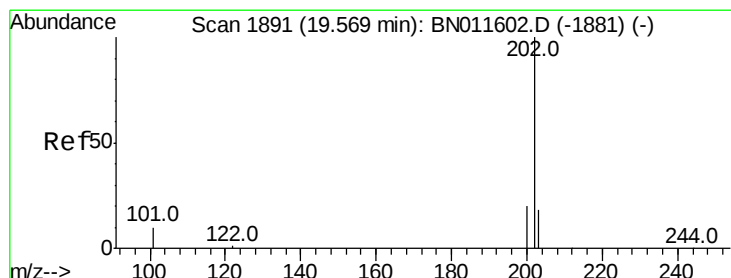
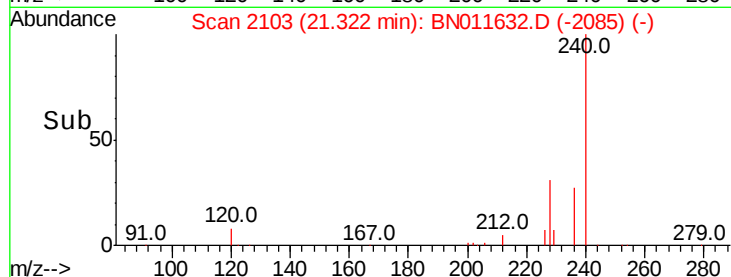
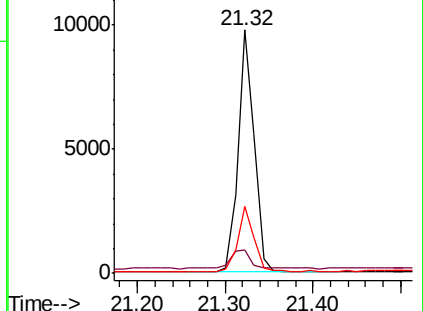
236 27.4 20.8 31.2



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: 0.411 ng

RT: 19.56 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

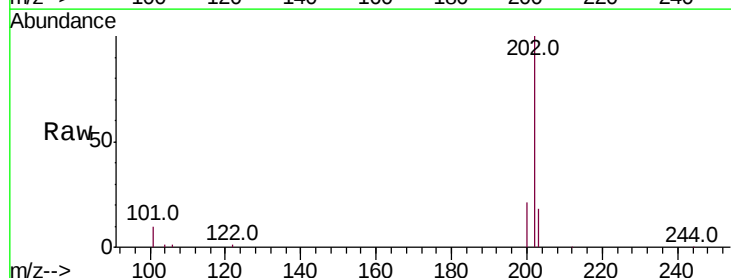
Tgt Ion:202 Resp: 17913

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

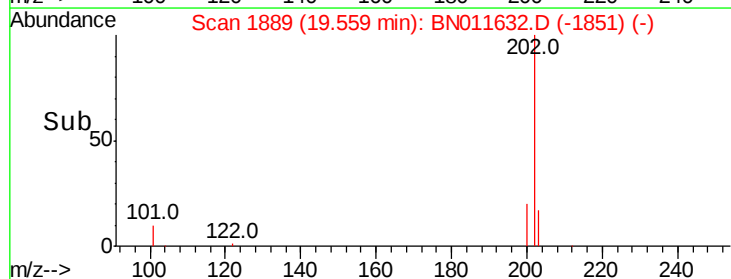
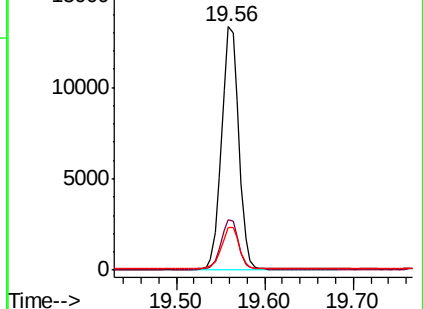
203 17.6 14.2 21.4

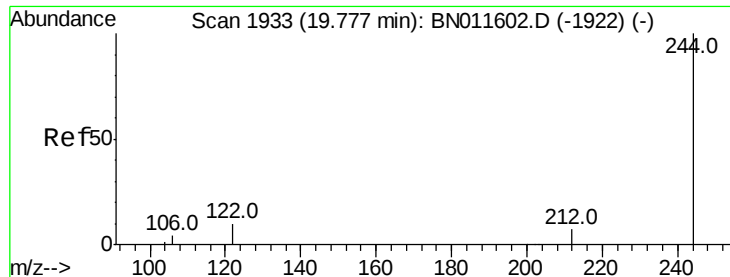


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.421 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

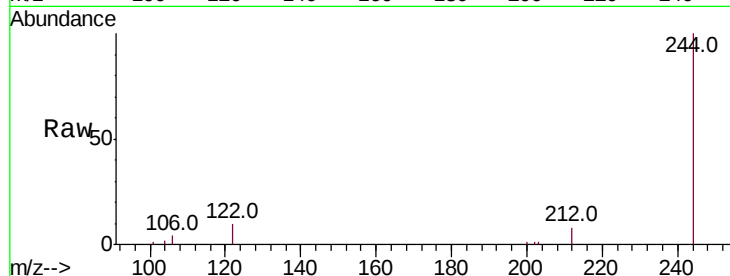
Tot Ion:244 Resp: 13205

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

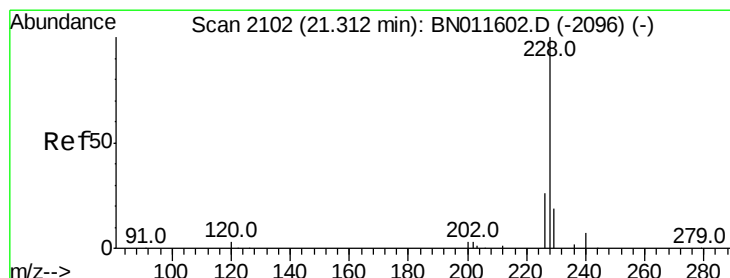
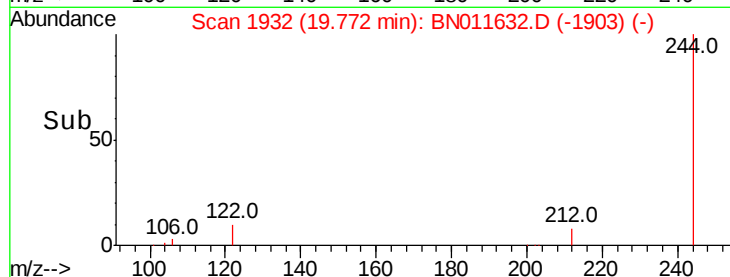
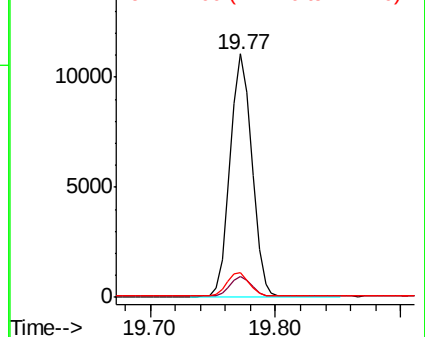
122 10.1 9.5 14.3



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: 0.391 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

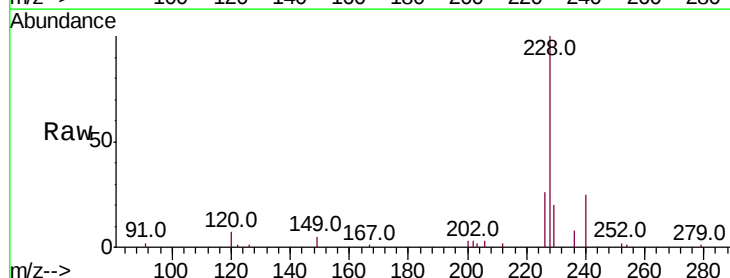
Tgt Ion:228 Resp: 17344

Ion Ratio Lower Upper

228 100

226 25.9 21.2 31.8

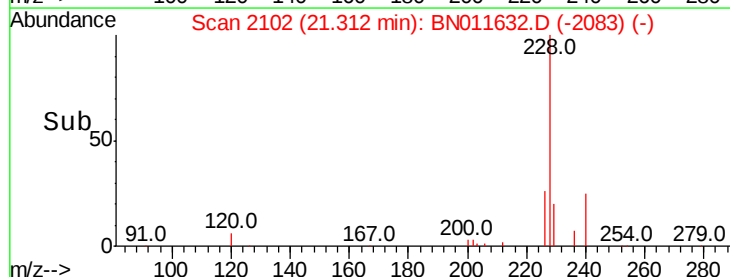
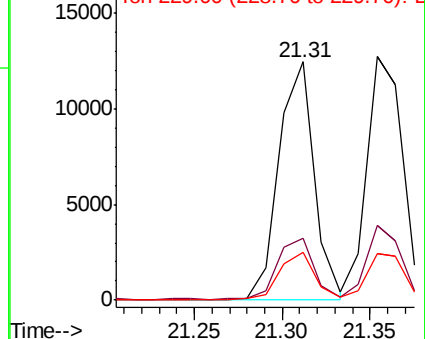
229 20.3 15.8 23.8

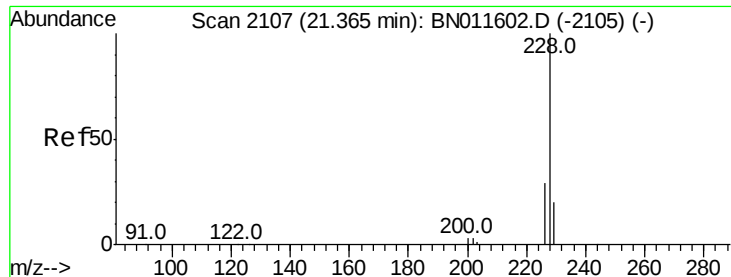


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.424 ng

RT: 21.35 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

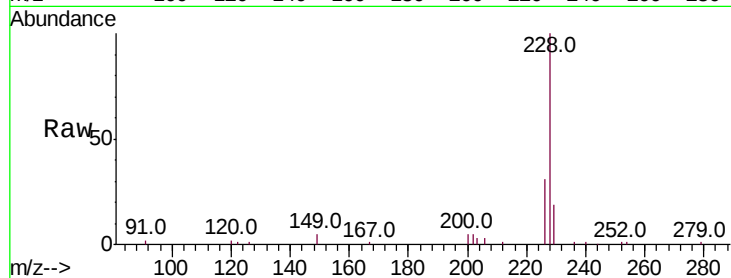
BNA_N

ClientSampleId :

PB131164BSD

Tot Ion:228 Resp: 17915

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	19.1	16.0	24.0

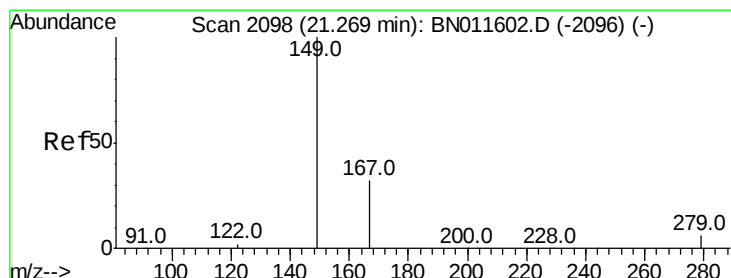
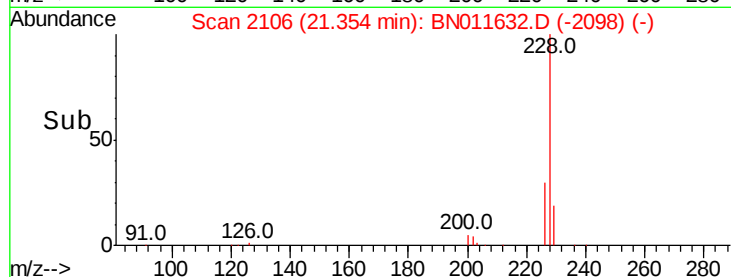
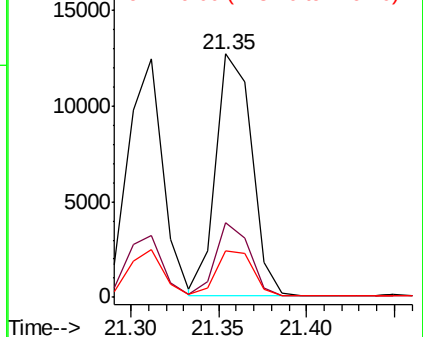


Abundance

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: 0.204 ng

RT: 21.26 min Scan# 2097

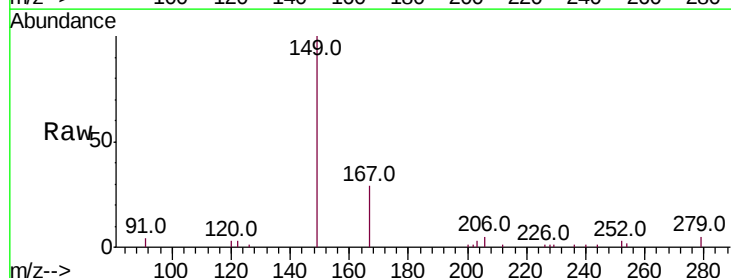
Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Tgt Ion:149 Resp: 7313

Ion	Ratio	Lower	Upper
149	100		
167	28.6	20.6	31.0
279	4.8	3.8	5.8

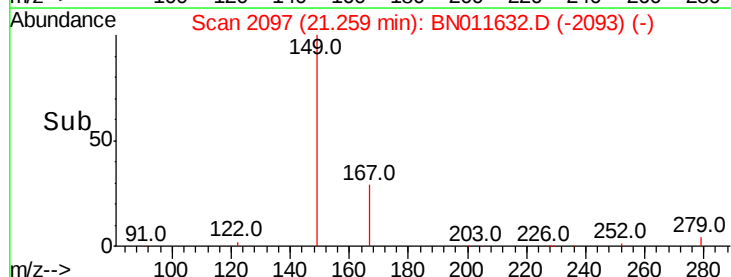
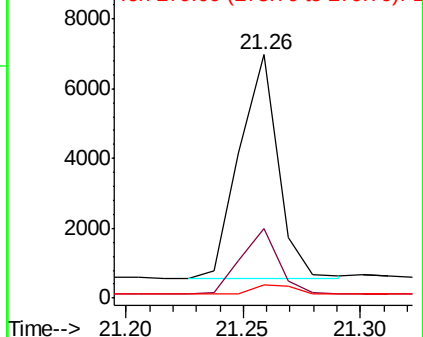


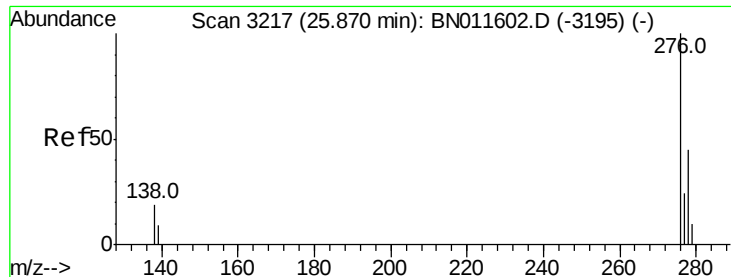
Abundance

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

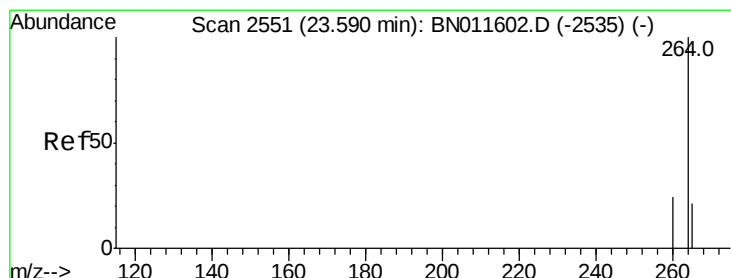
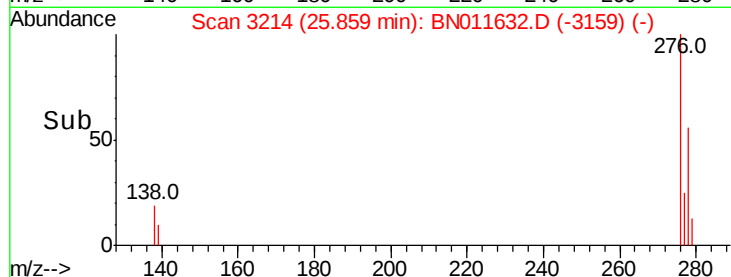
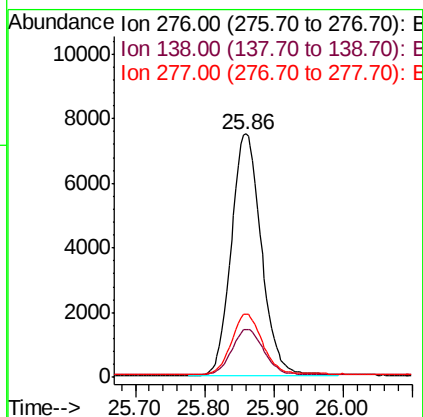
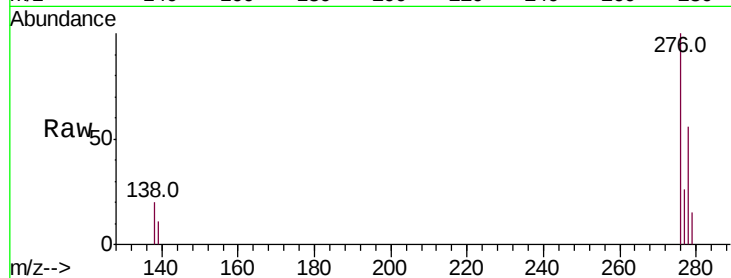




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.440 ng
 RT: 25.86 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BN011632.D
 Acq: 26 Aug 2020 01:39

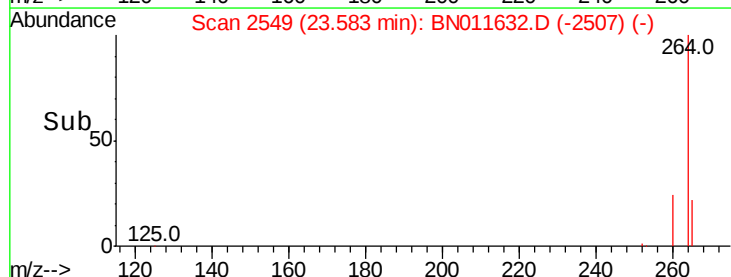
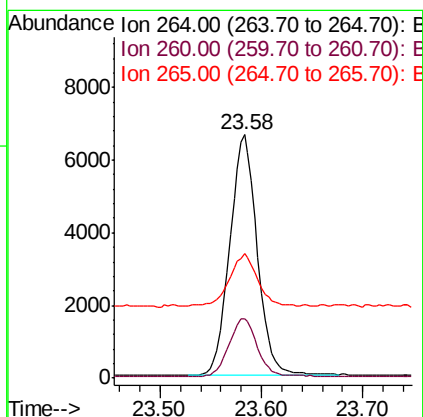
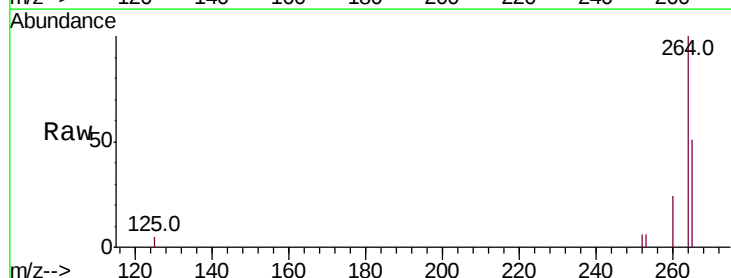
Instrument :
 BNA_N
 ClientSampleId :
 PB131164BSD

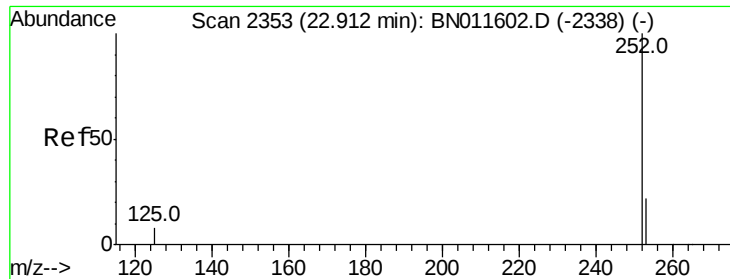
Tot Ion:276 Resp: 22697
 Ion Ratio Lower Upper
 276 100
 138 19.5 0.0 0.0#
 277 25.2 0.0 0.0#



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BN011632.D
 Acq: 26 Aug 2020 01:39

Tgt Ion:264 Resp: 12522
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 51.2 40.7 61.1

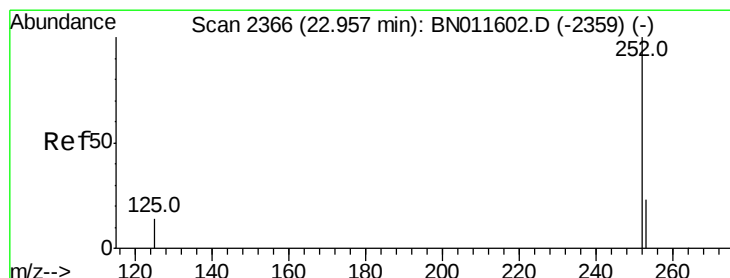
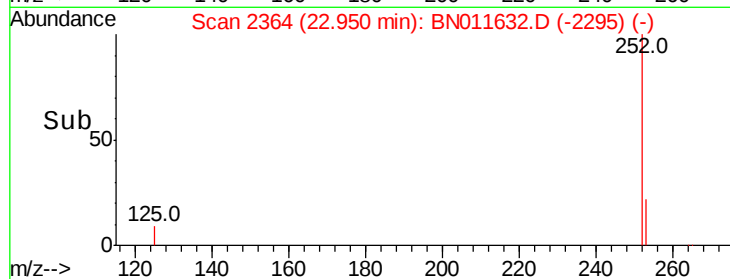
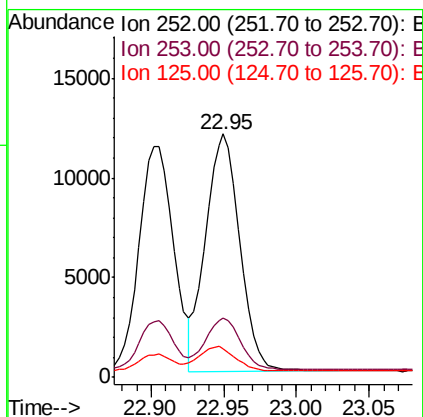
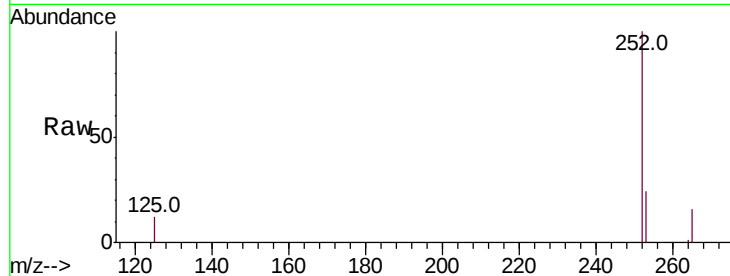




#37
Benzo(b)fluoranthene
Concen: 0.430 ng
RT: 22.95 min Scan# 2364
Delta R.T. 0.04 min
Lab File: BN011632.D
Acq: 26 Aug 2020 01:39

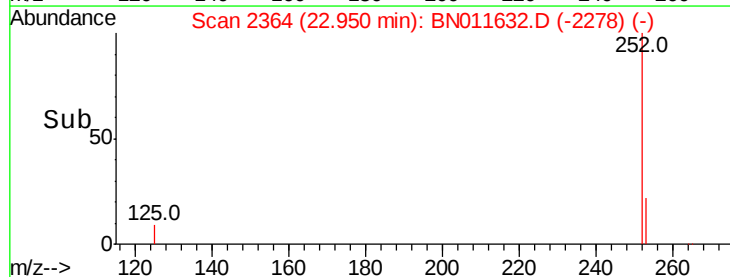
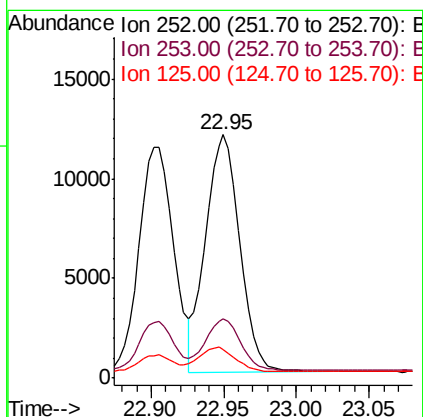
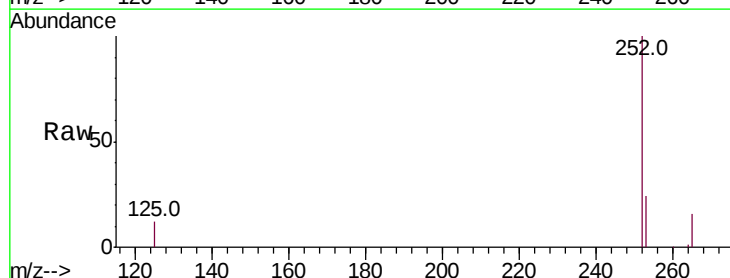
Instrument :
BNA_N
ClientSampleId :
PB131164BSD

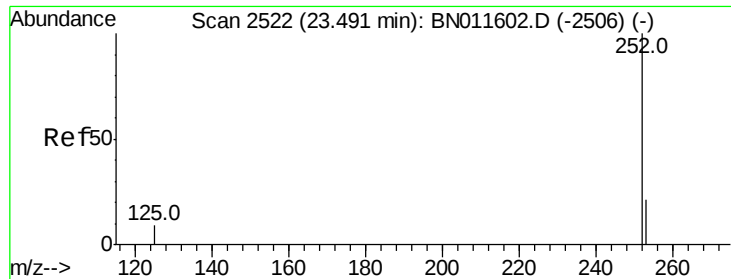
Tot Ion:252 Resp: 19516
Ion Ratio Lower Upper
252 100
253 24.3 21.0 31.6
125 11.6 11.0 16.6



#38
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 22.95 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BN011632.D
Acq: 26 Aug 2020 01:39

Tgt Ion:252 Resp: 19516
Ion Ratio Lower Upper
252 100
253 24.3 21.2 31.8
125 11.6 14.6 21.8#





#39

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.48 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

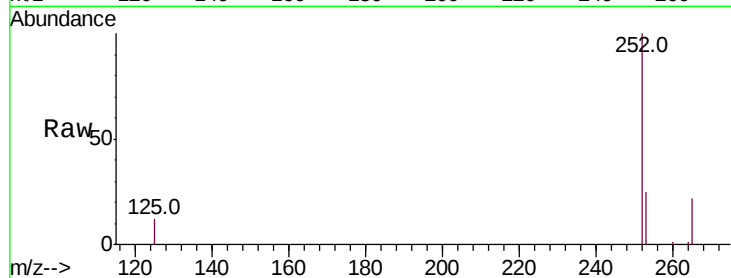
Tot Ion:252 Resp: 16489

Ion Ratio Lower Upper

252 100

253 25.3 21.2 31.8

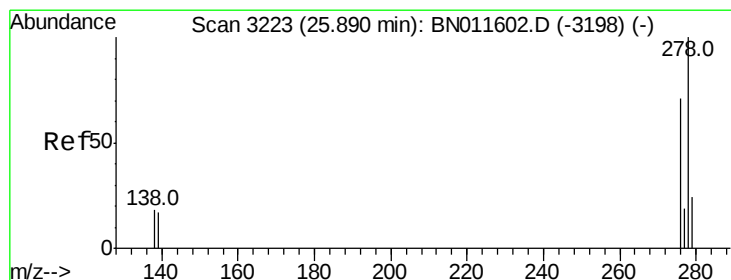
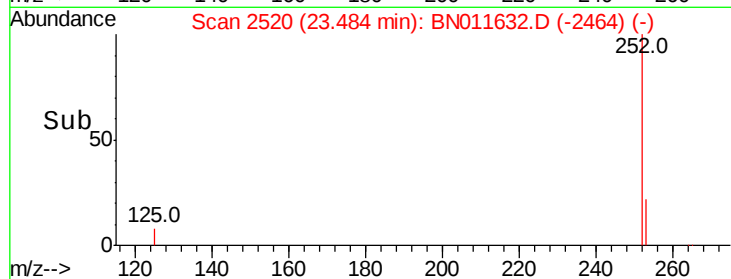
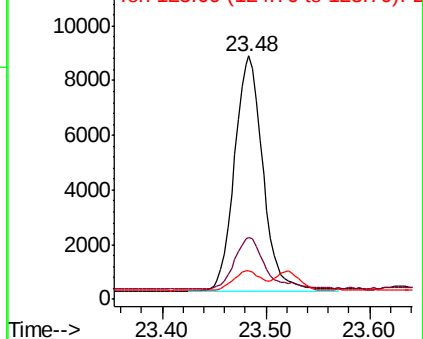
125 11.5 12.1 18.1#



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: 0.429 ng

RT: 25.87 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BN011632.D

Acq: 26 Aug 2020 01:39

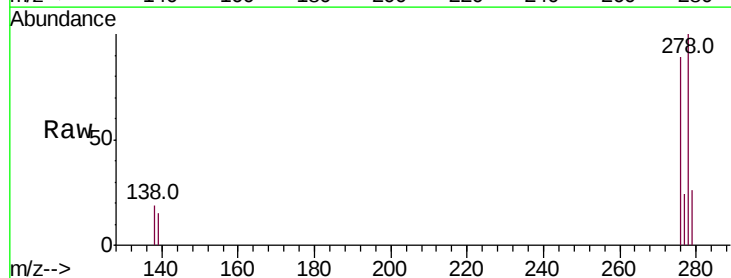
Tgt Ion:278 Resp: 18964

Ion Ratio Lower Upper

278 100

139 14.9 16.6 25.0#

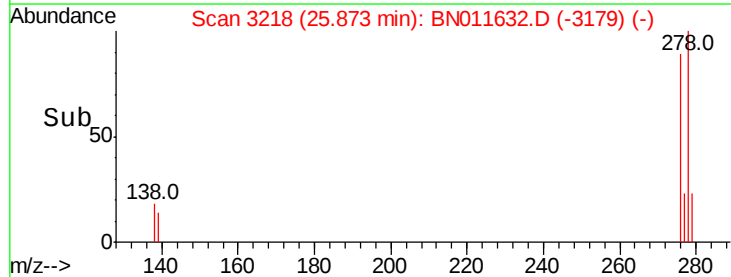
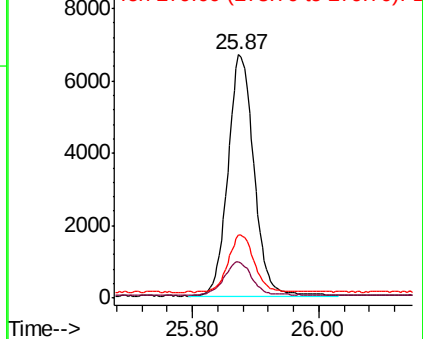
279 25.7 21.4 32.2

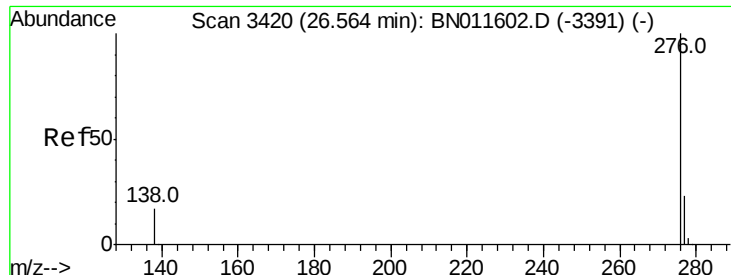


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.420 ng

RT: 26.55 min Scan# 3416

Delta R.T. -0.01 min

Lab File: BN011632.D

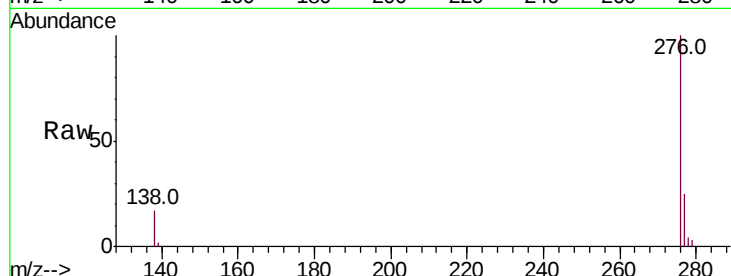
Acq: 26 Aug 2020 01:39

Instrument :

BNA_N

ClientSampleId :

PB131164BSD



Tot Ion:276 Resp: 18015

Ion Ratio Lower Upper

276 100

277 24.8 20.5 30.7

138 17.4 17.8 26.6

Abundance Ion 276.00 (275.70 to 276.70): E
8000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

