

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
 Data File : BN011692.D
 Acq On : 03 Sep 2020 11:22
 Operator : CG/JU
 Sample : PB131363BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131363BSD

Quant Time: Sep 03 12:36:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 12:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2044	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7549	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4510	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9771	0.40	ng	0.00
29) Chrysene-d12	21.32	240	9171	0.40	ng	0.00
36) Perylene-d12	23.58	264	9894	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2013	0.35	ng	0.00
5) Phenol-d6	6.90	99	2666	0.34	ng	0.00
8) Nitrobenzene-d5	8.88	82	2714	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	4927	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	754	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	7130	0.37	ng	0.00
27) Fluoranthene-d10	19.16	212	10543	0.34	ng	0.00
31) Terphenyl-d14	19.76	244	9246	0.41	ng	0.00

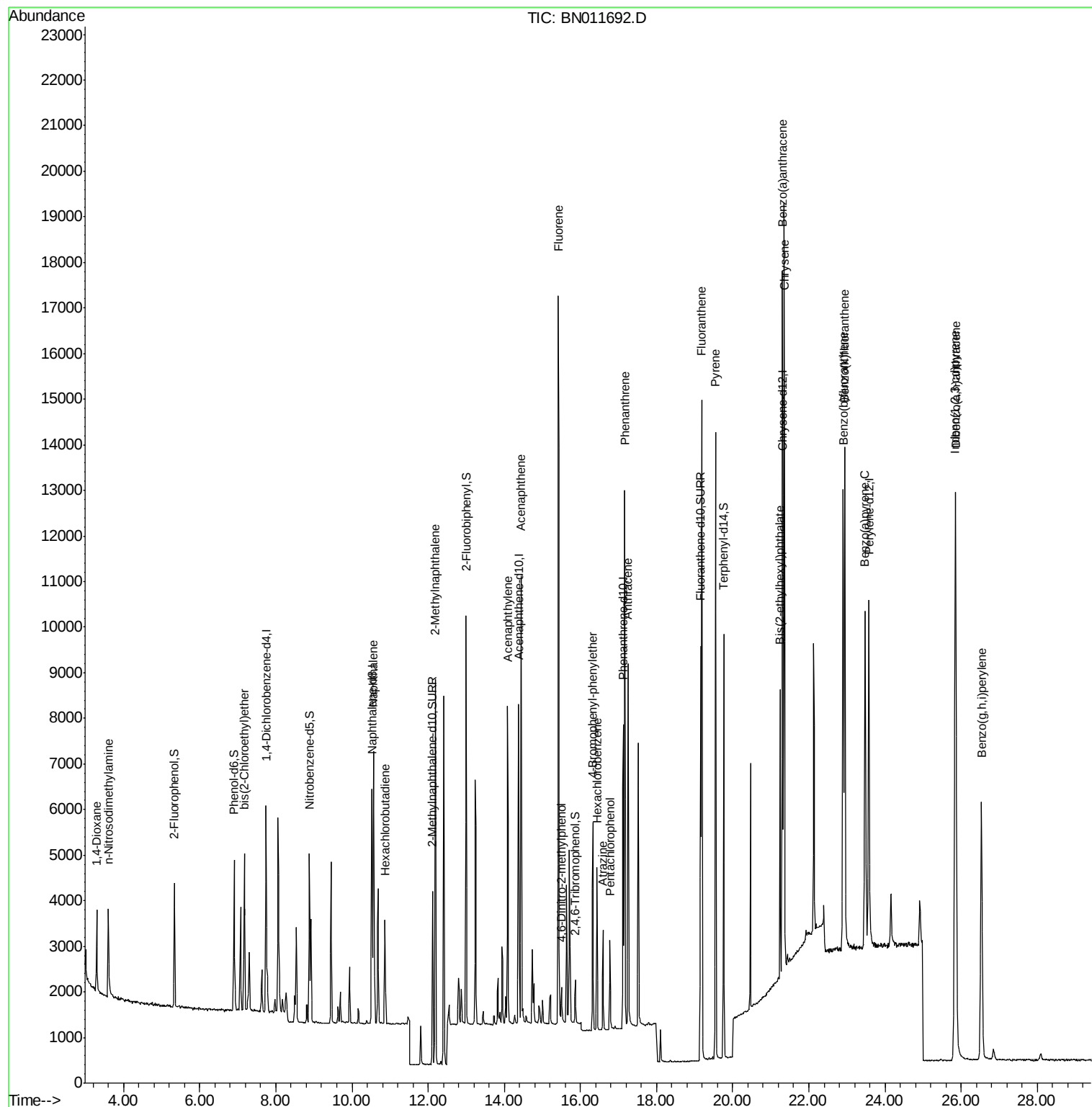
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1168	0.355	ng	96
3) n-Nitrosodimethylamine	3.60	42	1594	0.420	ng	# 86
6) bis(2-Chloroethyl)ether	7.17	93	2308	0.362	ng	99
9) Naphthalene	10.57	128	7950	0.368	ng	99
10) Hexachlorobutadiene	10.87	225	1861	0.392	ng	# 100
12) 2-Methylnaphthalene	12.19	142	5589	0.364	ng	97
16) Acenaphthylene	14.09	152	7703	0.351	ng	100
17) Acenaphthene	14.43	154	5536	0.365	ng	97
18) Fluorene	15.42	166	6903	0.355	ng	99
20) 4,6-Dinitro-2-methylphenol	15.50	198	591	0.392	ng	# 92
21) 4-Bromophenyl-phenylether	16.32	248	2111	0.369	ng	# 76
22) Hexachlorobenzene	16.43	284	2623	0.371	ng	97
23) Atrazine	16.59	200	1674	0.333	ng	93
24) Pentachlorophenol	16.77	266	932	0.332	ng	98
25) Phenanthrene	17.16	178	11377	0.360	ng	100
26) Anthracene	17.25	178	9819	0.350	ng	99
28) Fluoranthene	19.19	202	12737	0.340	ng	99
30) Pyrene	19.55	202	12766	0.400	ng	100
32) Benzo(a)anthracene	21.30	228	11983	0.366	ng	99
33) Chrysene	21.35	228	12812	0.379	ng	100
34) Bis(2-ethylhexyl)phthalate	21.25	149	5271	0.396	ng	99
35) Indeno(1,2,3-cd)pyrene	25.84	276	16371	0.372	ng	98
37) Benzo(b)fluoranthene	22.90	252	13108	0.345	ng	99
38) Benzo(k)fluoranthene	22.94	252	14374	0.371	ng	98
39) Benzo(a)pyrene	23.47	252	11823	0.349	ng	96
40) Dibenzo(a,h)anthracene	25.86	278	13291	0.347	ng	97
41) Benzo(g,h,i)perylene	26.53	276	12711	0.339	ng	99

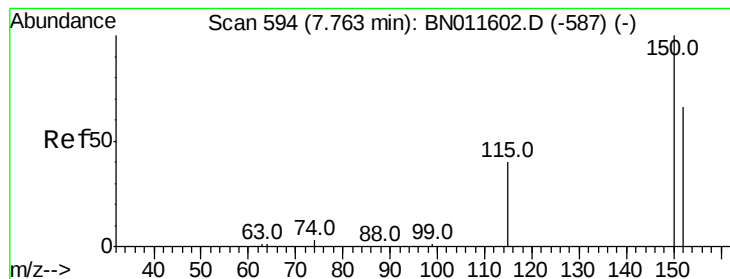
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
Data File : BN011692.D
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QLast Update : Thu Sep 03 12:33:00 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.74 min Scan# 591

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

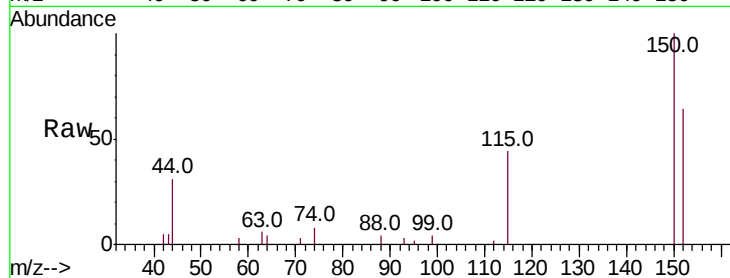
Tot Ion:152 Resp: 2044

Ion Ratio Lower Upper

152 100

150 157.1 121.0 181.6

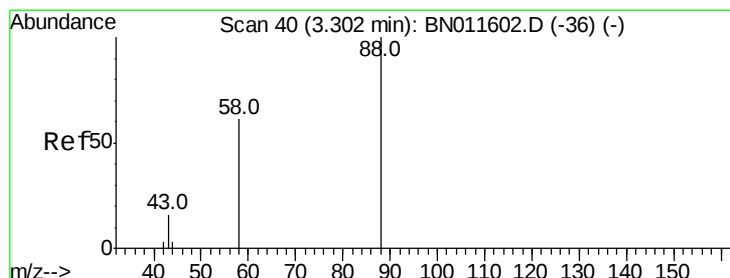
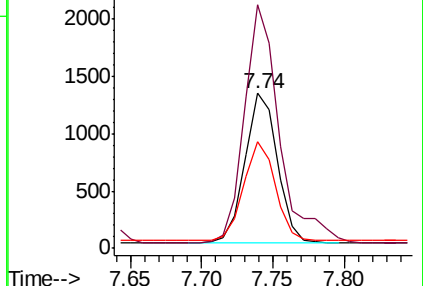
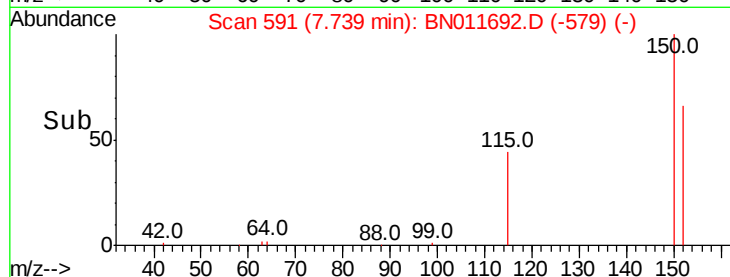
115 69.1 52.6 78.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.355 ng

RT: 3.29 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

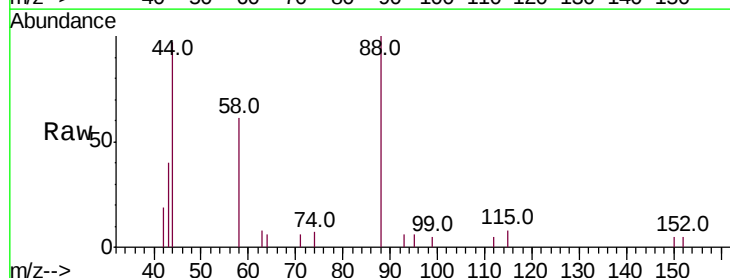
Tgt Ion: 88 Resp: 1168

Ion Ratio Lower Upper

88 100

58 72.7 61.4 92.0

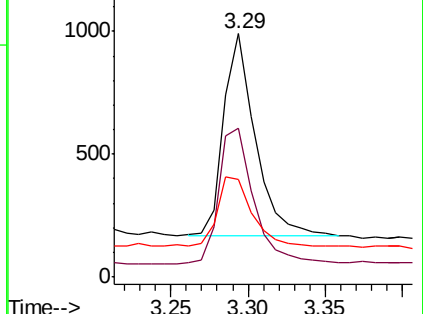
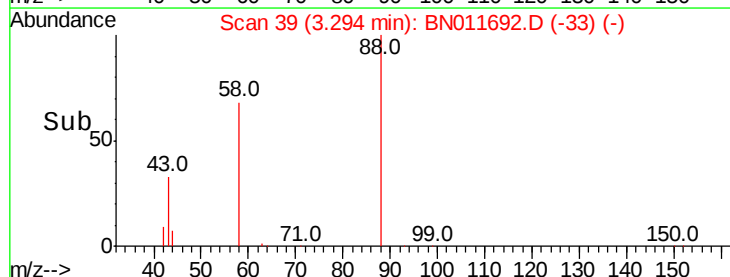
43 38.0 29.8 44.8

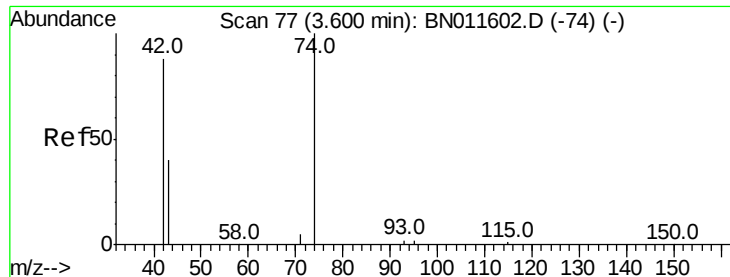


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.420 ng

RT: 3.60 min Scan# 77

Delta R.T. 0.01 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

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PB131363BSD

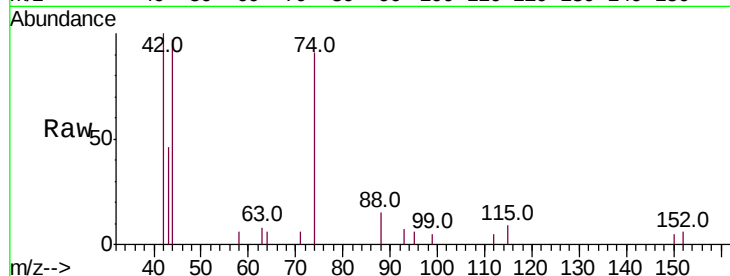
Tot Ion: 42 Resp: 1594

Ion Ratio Lower Upper

42 100

74 84.2 79.0 118.6

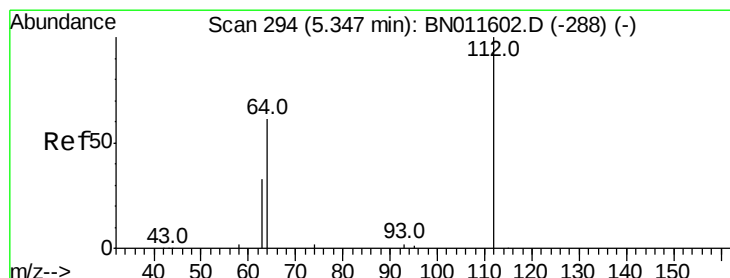
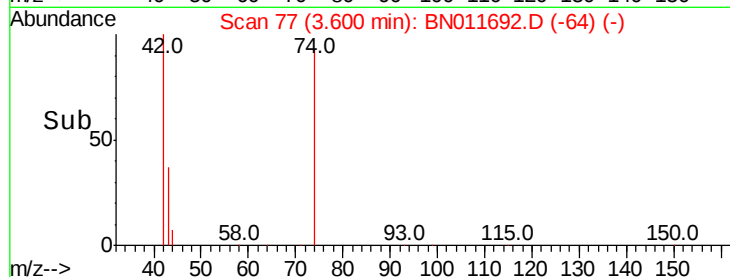
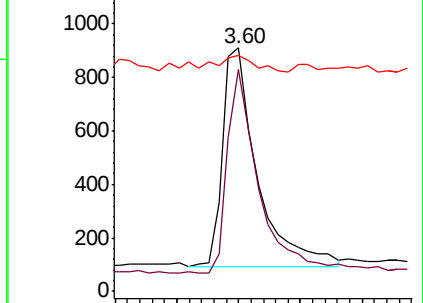
44 7.5 8.1 12.1#



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) (-)



#4

2-Fluorophenol

Concen: 0.348 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

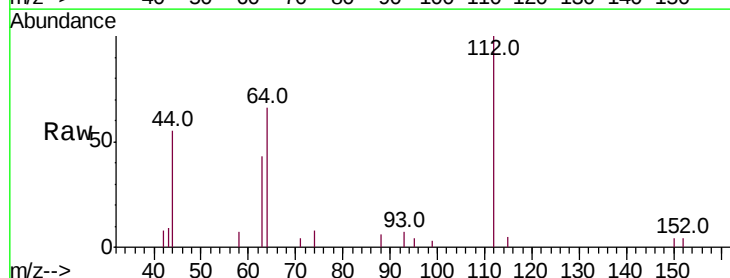
Tgt Ion: 112 Resp: 2013

Ion Ratio Lower Upper

112 100

64 61.4 49.7 74.5

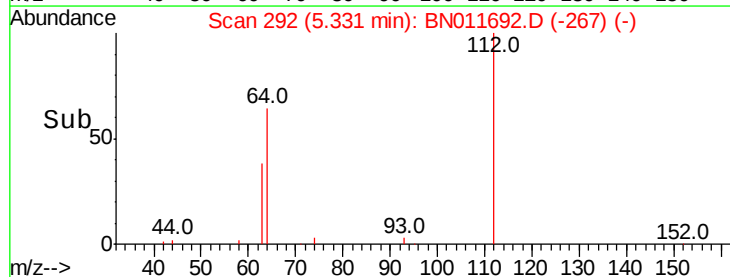
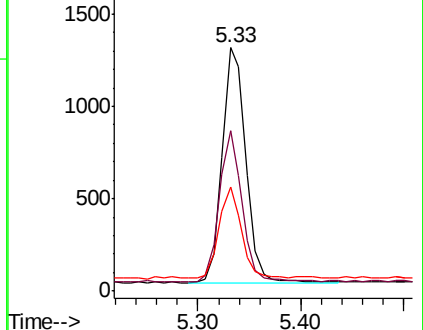
63 37.1 29.4 44.0

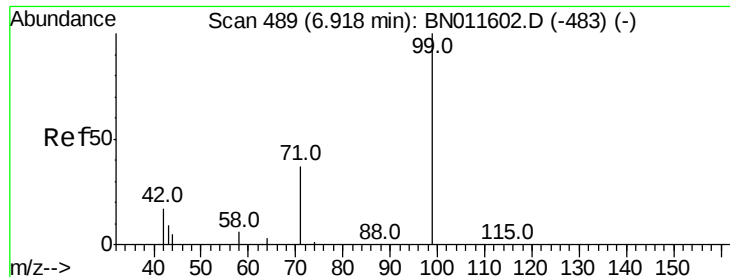


Abundance Ion 112.00 (111.70 to 112.70): BN011602.D (-288) (-)

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

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





#5

Phenol-d6

Concen: 0.340 ng

RT: 6.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

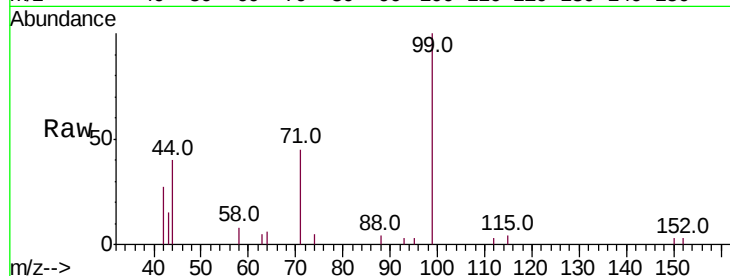
Tot Ion: 99 Resp: 2666

Ion Ratio Lower Upper

99 100

42 26.4 20.2 30.2

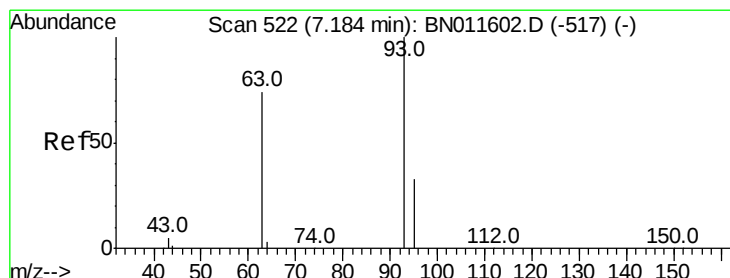
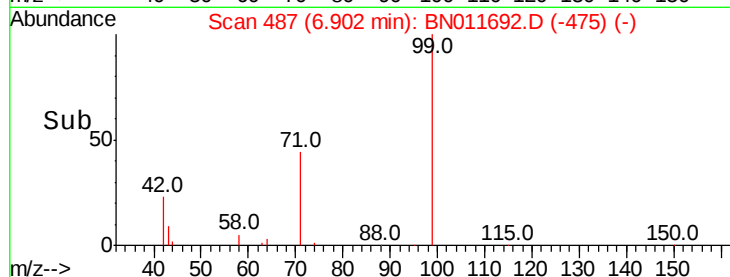
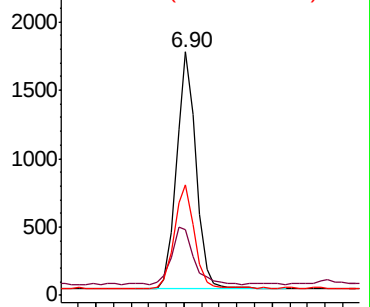
71 45.1 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011692.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011692.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011692.D (-483) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.362 ng

RT: 7.17 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

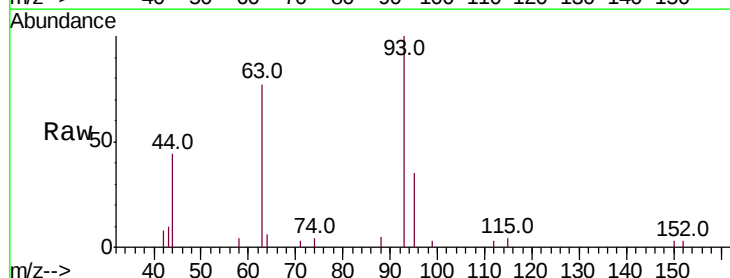
Tgt Ion: 93 Resp: 2308

Ion Ratio Lower Upper

93 100

63 79.2 62.2 93.4

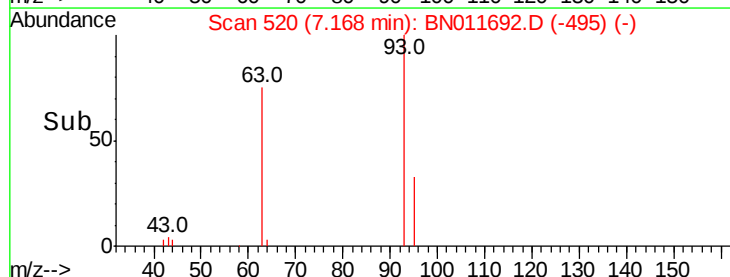
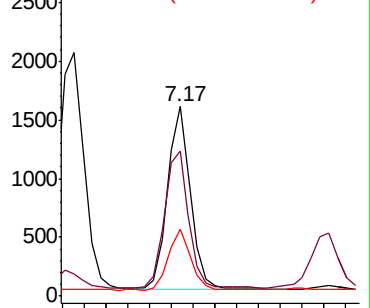
95 33.0 26.6 39.8

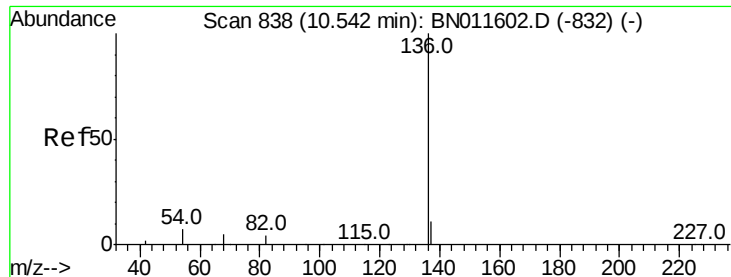


Abundance Ion 93.00 (92.70 to 93.70): BN011692.D (-517) (-)

Ion 63.00 (62.70 to 63.70): BN011692.D (-517) (-)

Ion 95.00 (94.70 to 95.70): BN011692.D (-517) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

Tot Ion:136 Resp: 7549

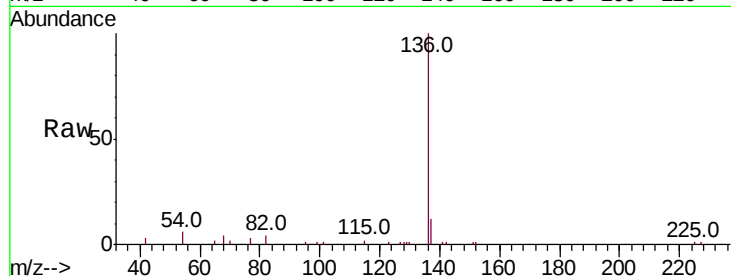
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 5.6 5.8 8.8#

68 4.0 4.1 6.1#



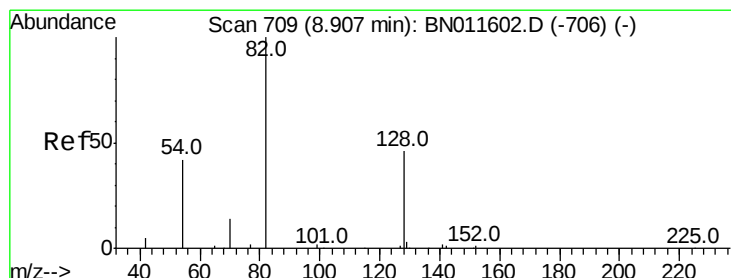
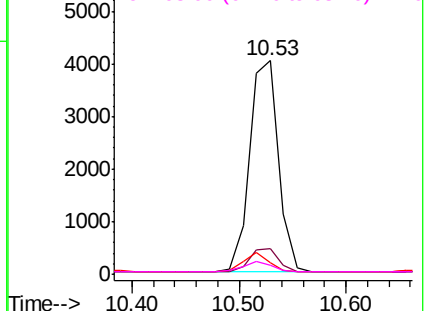
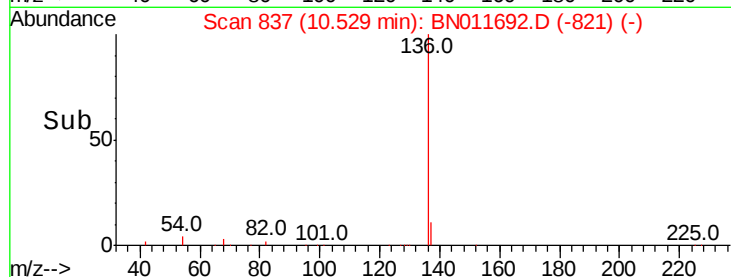
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.371 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

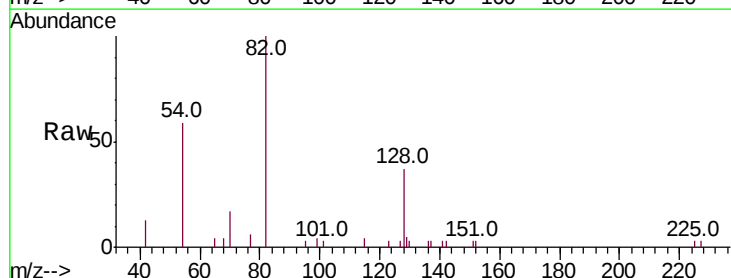
Tgt Ion: 82 Resp: 2714

Ion Ratio Lower Upper

82 100

128 36.5 26.2 39.2

54 58.7 48.2 72.4

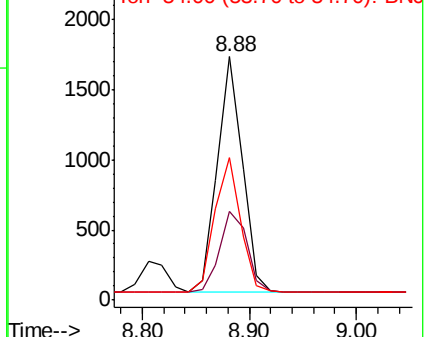
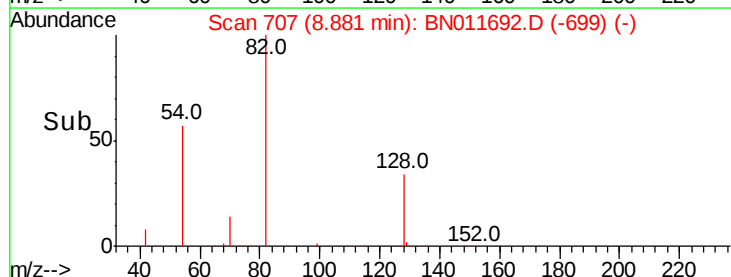


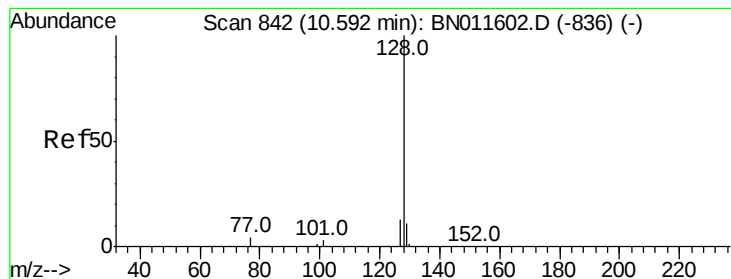
Abundance

Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.368 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

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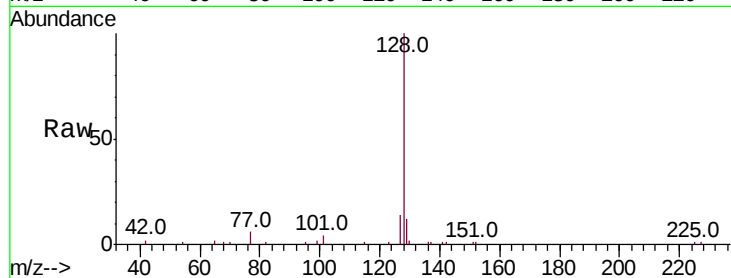
Tot Ion:128 Resp: 7950

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

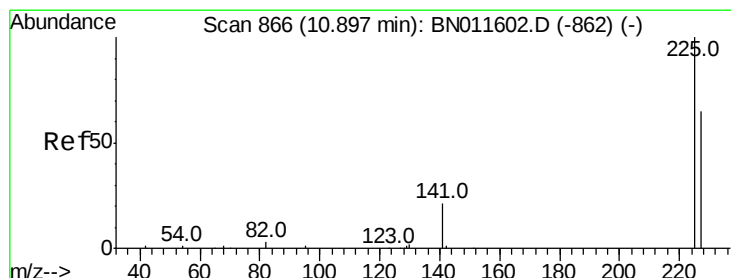
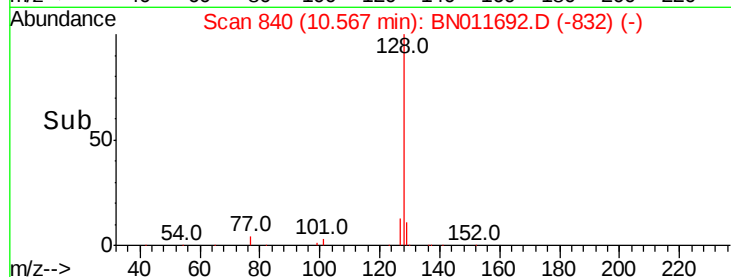
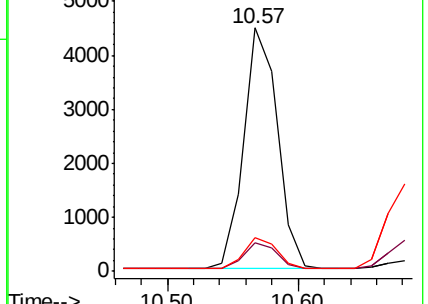
127 14.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.392 ng

RT: 10.87 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

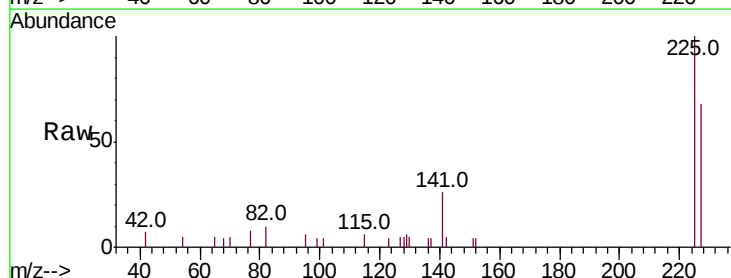
Tgt Ion:225 Resp: 1861

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

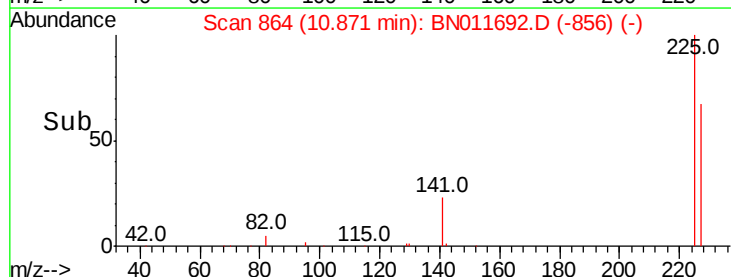
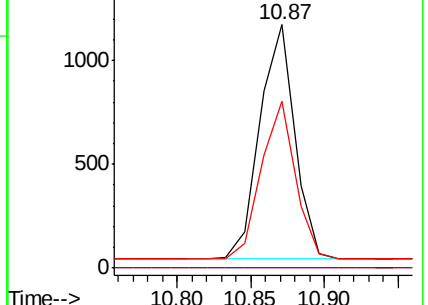
227 65.6 52.6 78.8

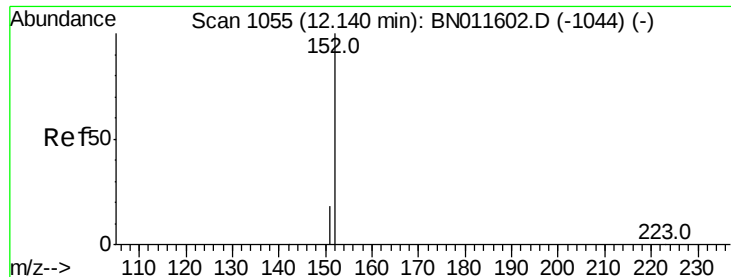


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

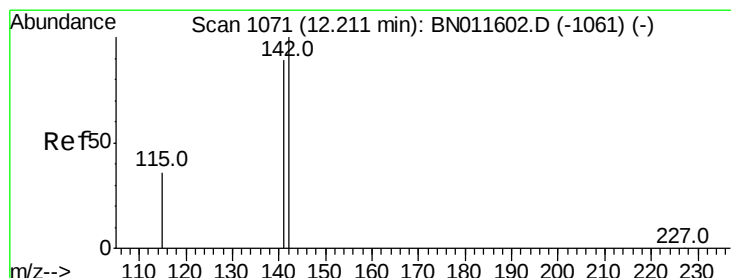
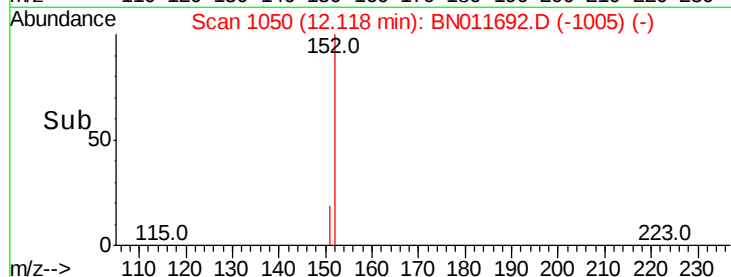
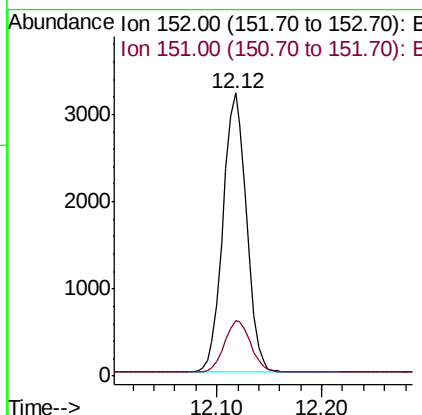
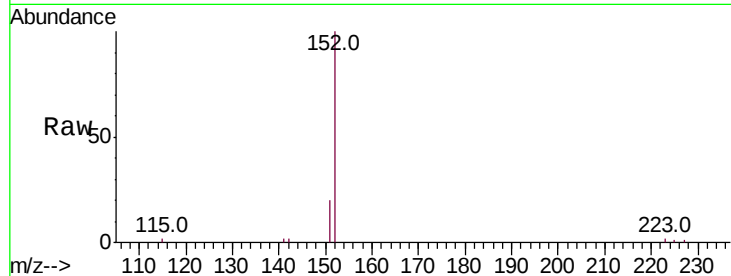




#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.12 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

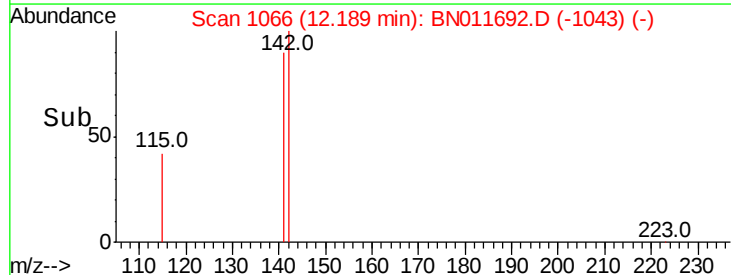
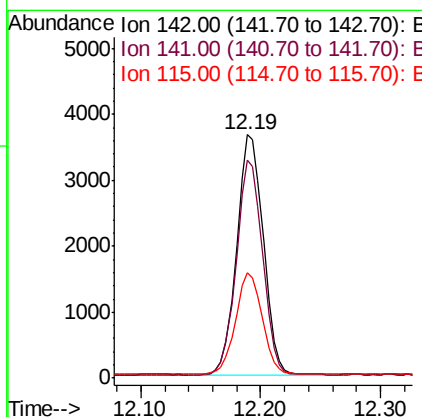
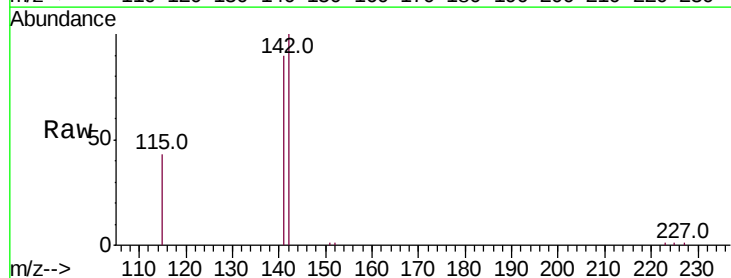
Instrument :
BNA_N
ClientSampleId :
PB131363BSD

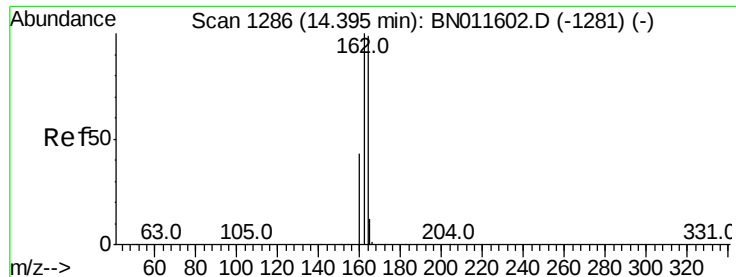
Tot Ion:152 Resp: 4927
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.19 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:142 Resp: 5589
Ion Ratio Lower Upper
142 100
141 89.7 70.6 106.0
115 43.3 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

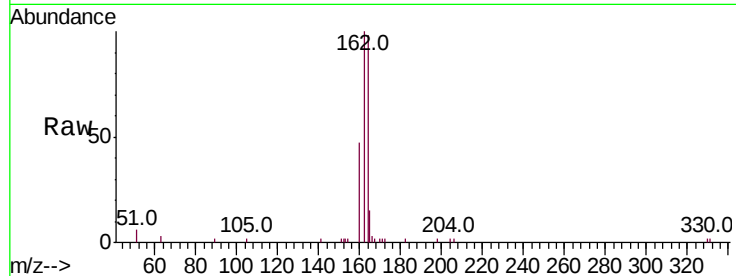
Tot Ion:164 Resp: 4510

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

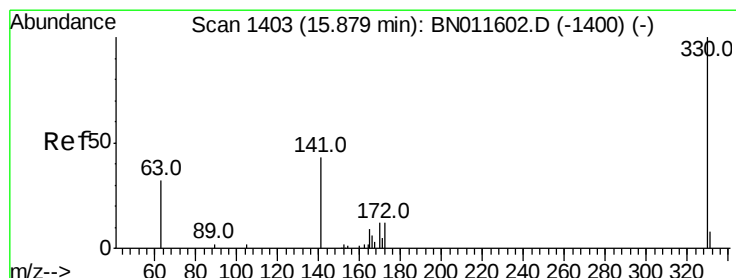
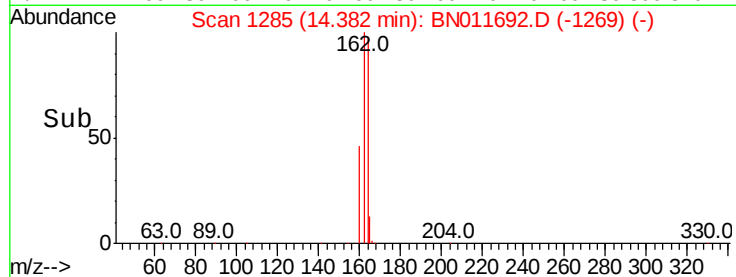
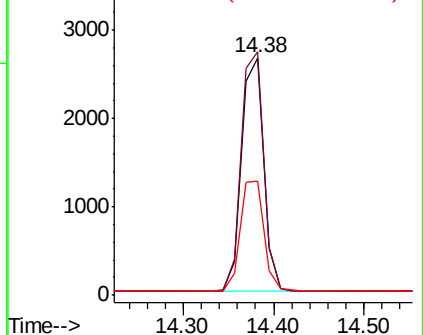
160 48.0 38.5 57.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.344 ng

RT: 15.87 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

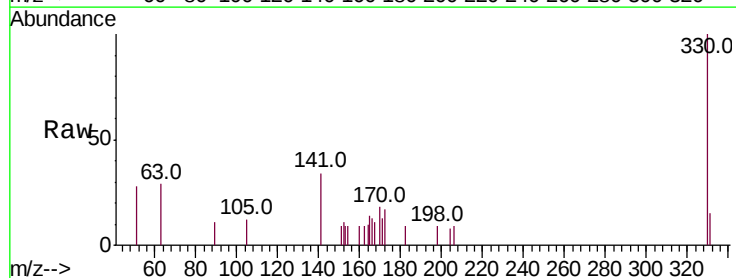
Tgt Ion:330 Resp: 754

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

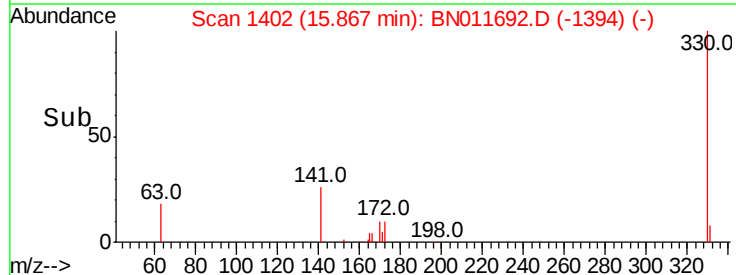
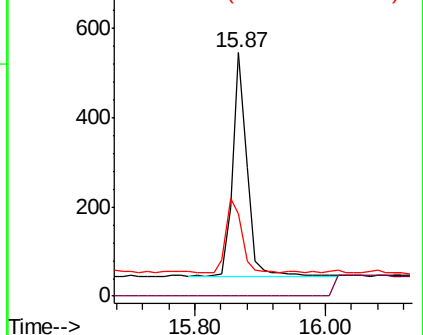
141 38.2 29.8 44.8

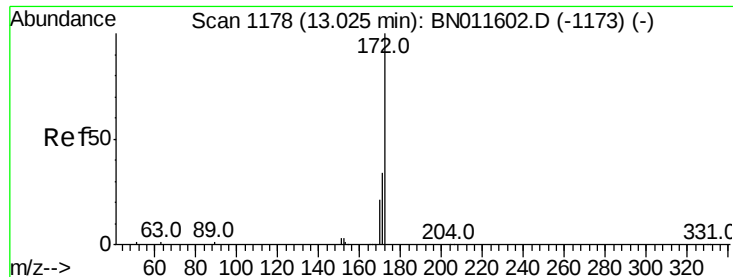


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

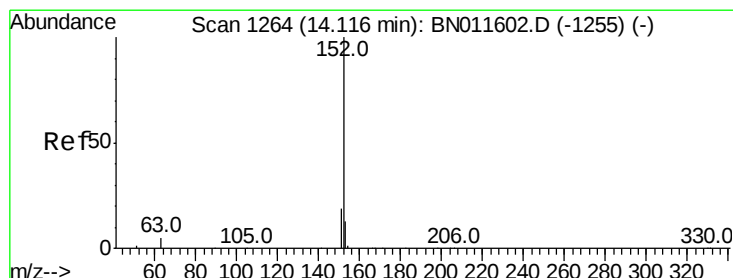
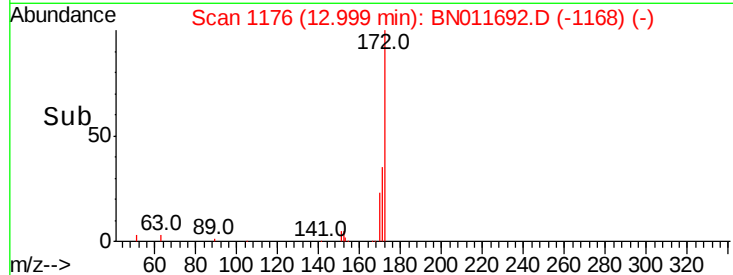
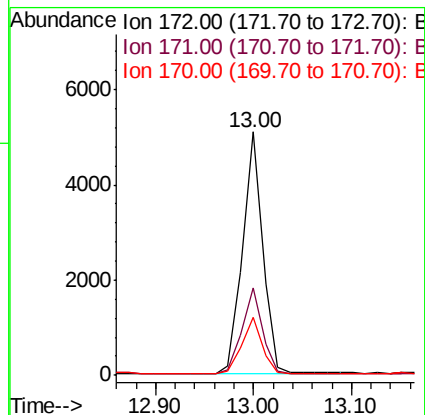
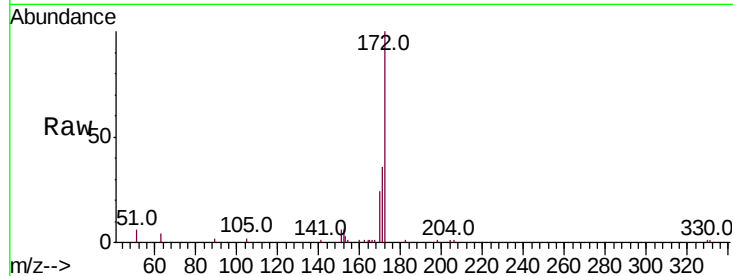




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

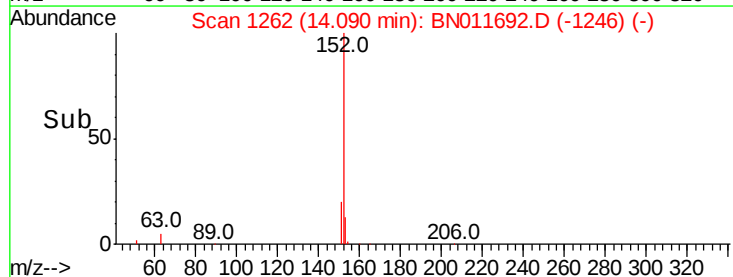
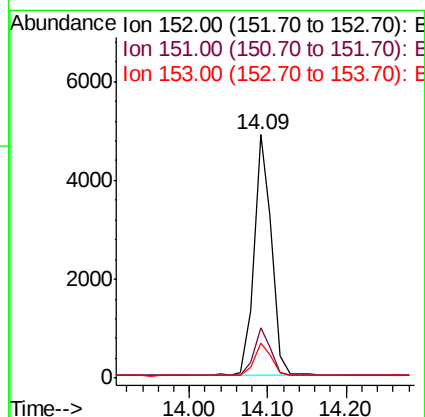
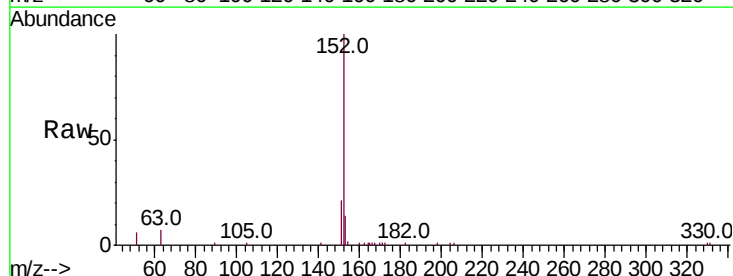
Instrument :
BNA_N
ClientSampleId :
PB131363BSD

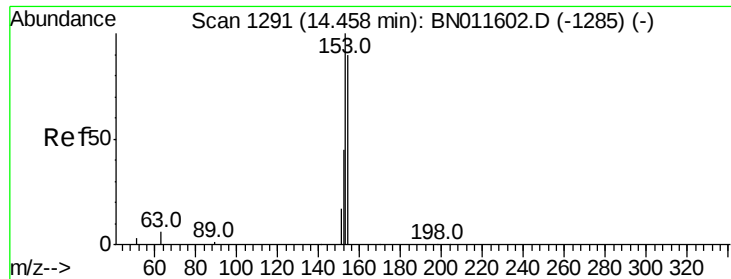
Tot Ion:172 Resp: 7130
Ion Ratio Lower Upper
172 100
171 35.8 30.0 45.0
170 23.9 20.1 30.1



#16
Acenaphthylene
Concen: 0.351 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:152 Resp: 7703
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.365 ng

RT: 14.43 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

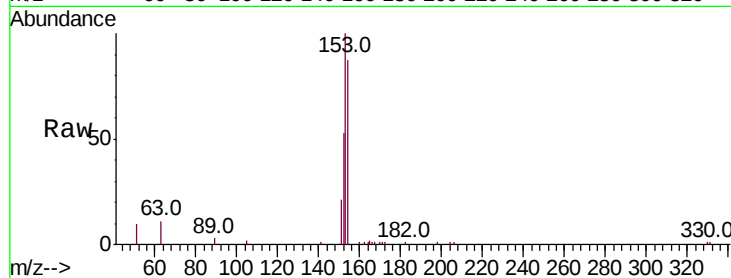
Tot Ion:154 Resp: 5536

Ion Ratio Lower Upper

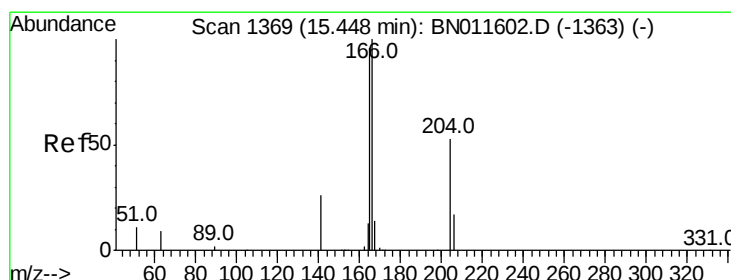
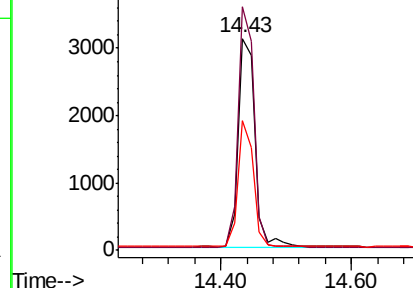
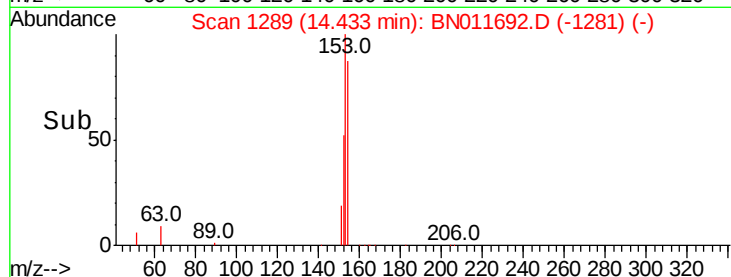
154 100

153 107.2 89.2 133.8

152 55.2 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.355 ng

RT: 15.42 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

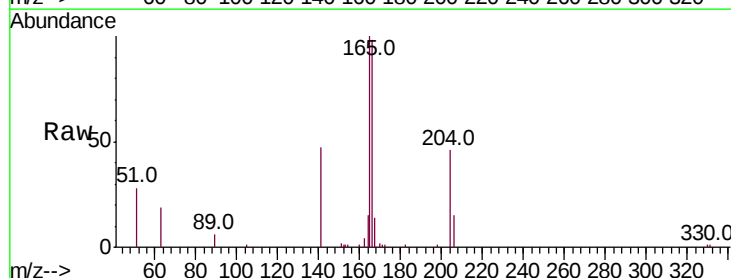
Tgt Ion:166 Resp: 6903

Ion Ratio Lower Upper

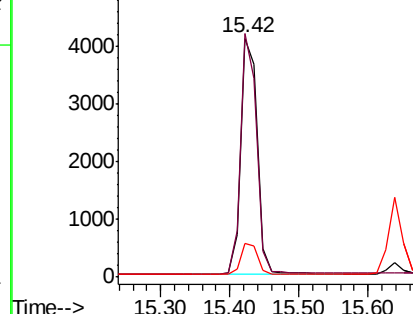
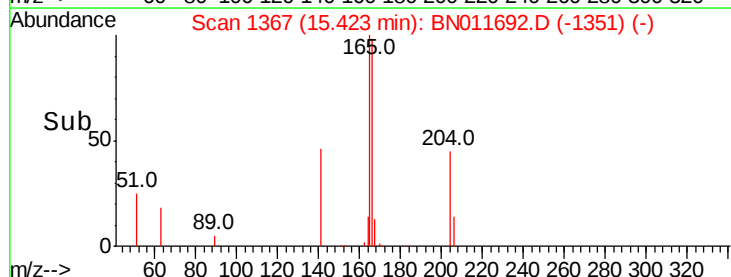
166 100

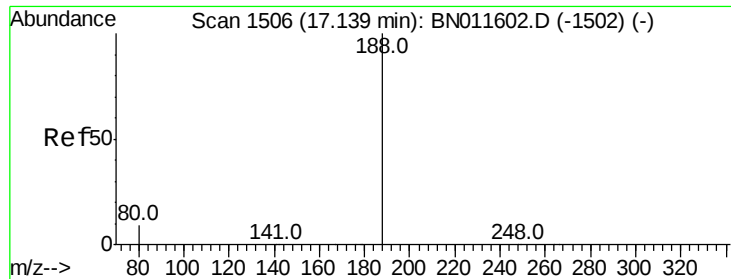
165 98.4 77.7 116.5

167 13.7 11.0 16.4



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

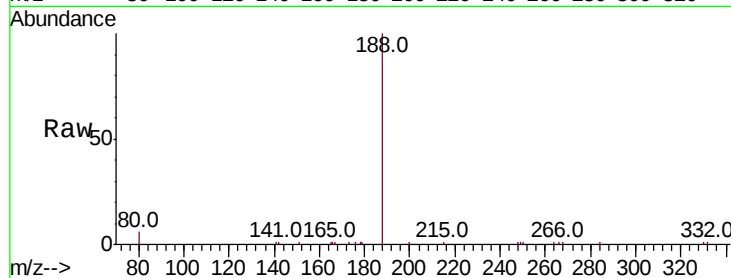
Tot Ion:188 Resp: 9771

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

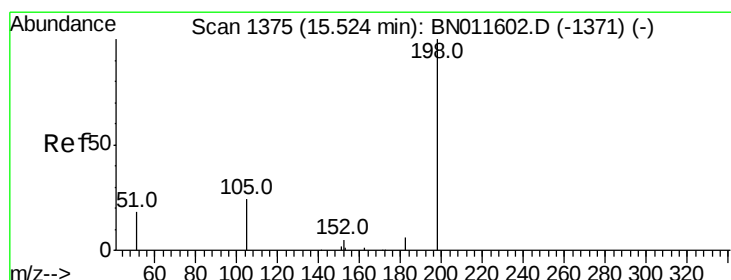
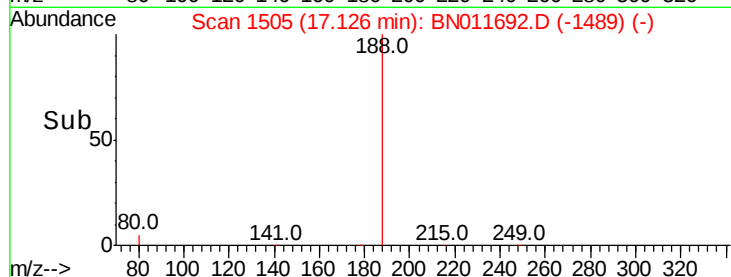
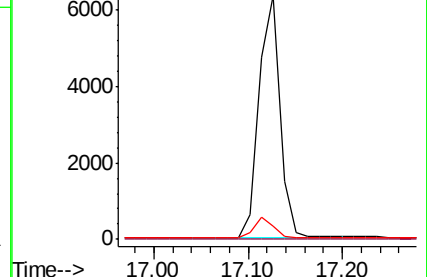
80 5.5 6.6 9.8#



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: 0.392 ng

RT: 15.50 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

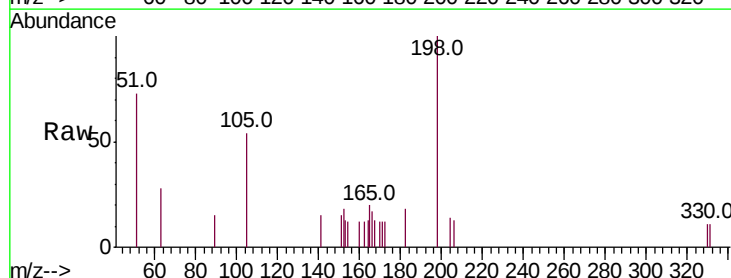
Tgt Ion:198 Resp: 591

Ion Ratio Lower Upper

198 100

51 72.9 58.6 87.8

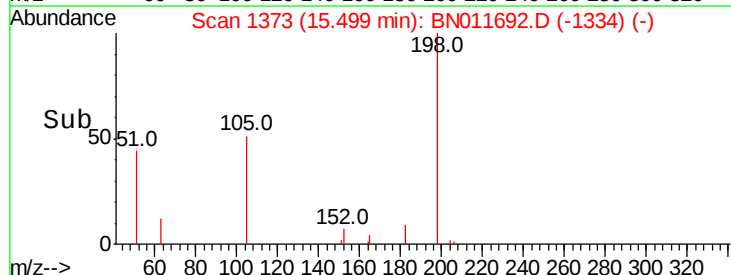
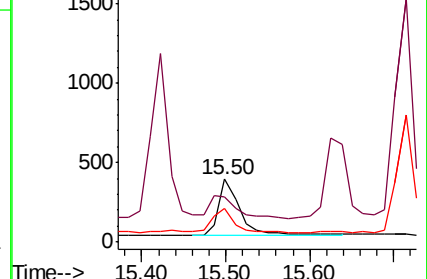
105 53.7 31.7 47.5#

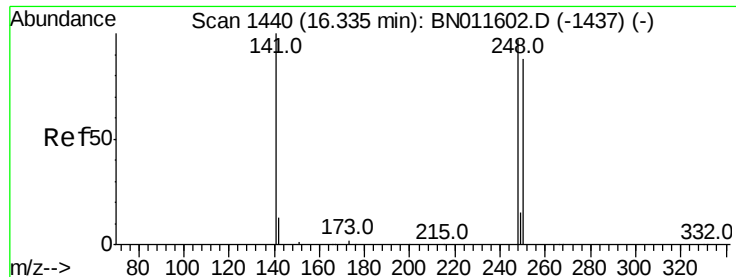


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.369 ng

RT: 16.32 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

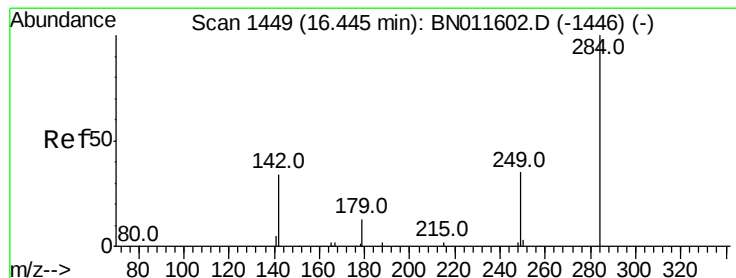
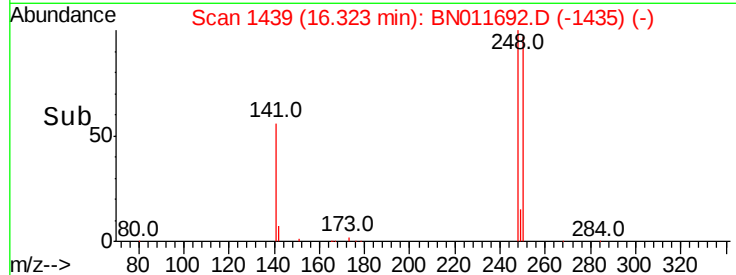
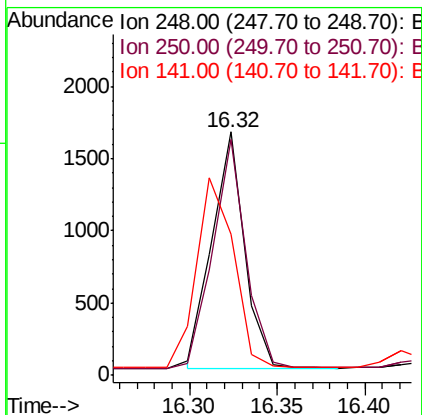
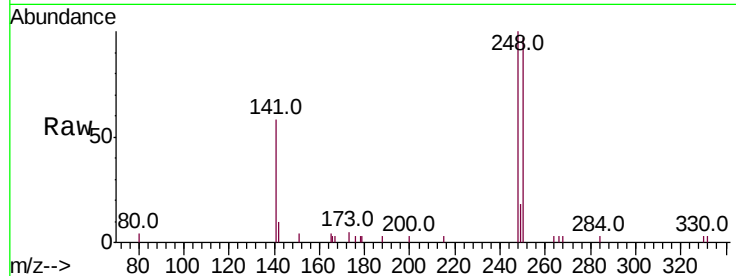
Tot Ion:248 Resp: 2111

Ion Ratio Lower Upper

248 100

250 97.0 73.9 110.9

141 57.9 79.8 119.6#



#22

Hexachlorobenzene

Concen: 0.371 ng

RT: 16.43 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

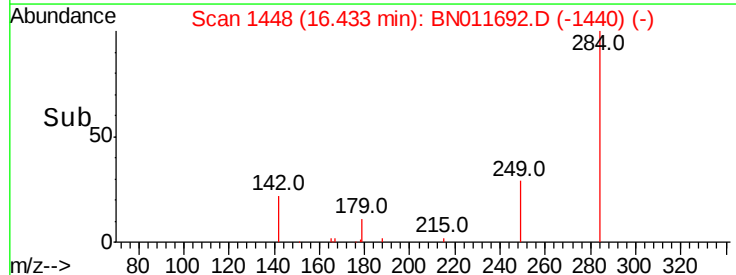
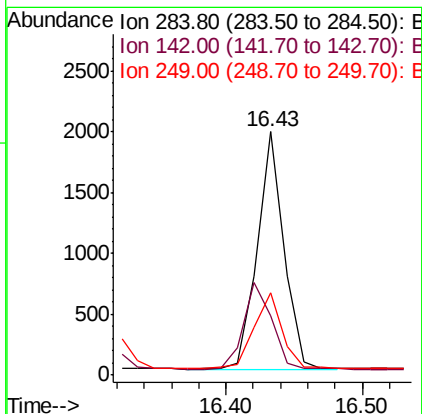
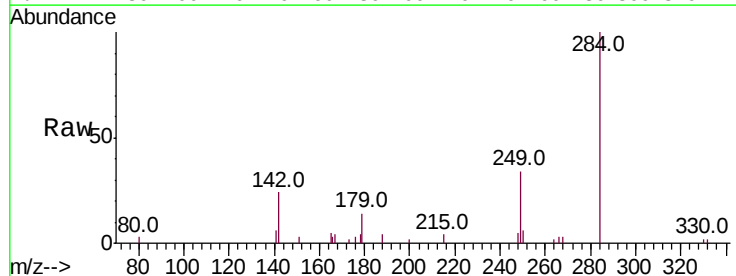
Tgt Ion:284 Resp: 2623

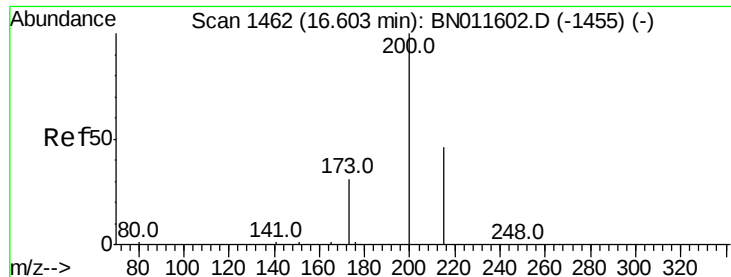
Ion Ratio Lower Upper

284 100

142 38.9 29.0 43.4

249 32.9 25.7 38.5

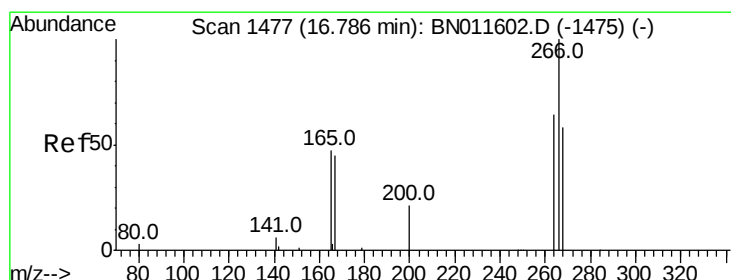
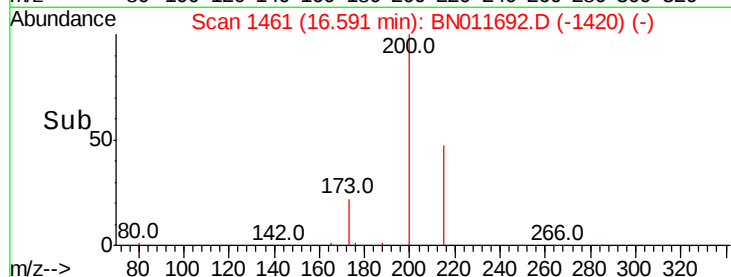
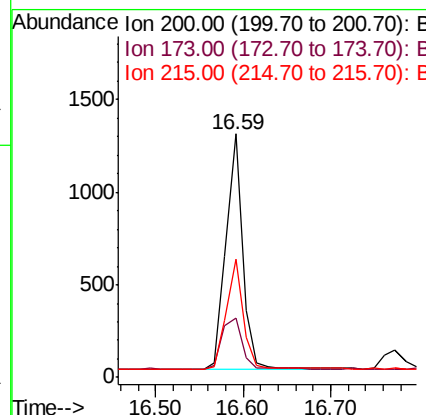
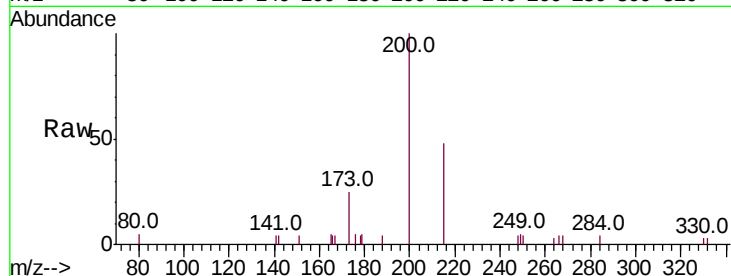




#23
Atrazine
Concen: 0.333 ng
RT: 16.59 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

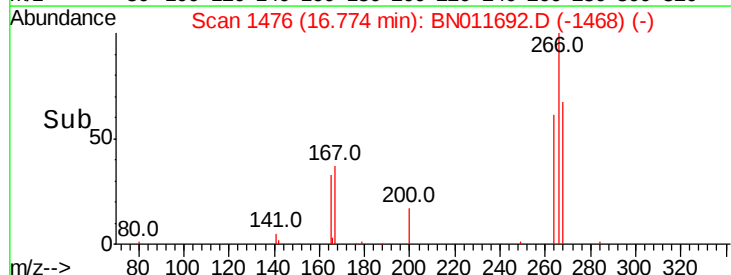
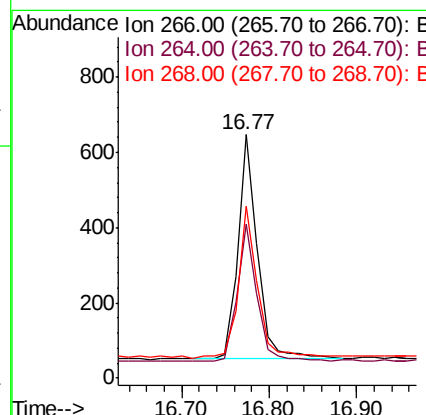
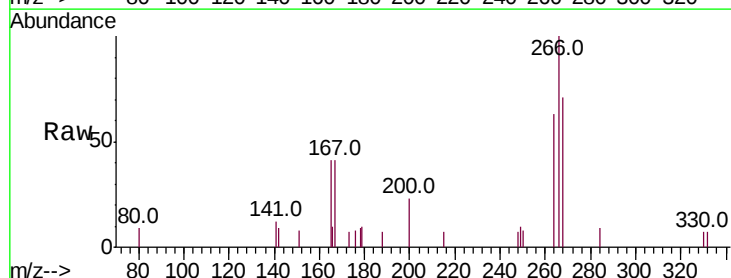
Instrument :
BNA_N
ClientSampleId :
PB131363BSD

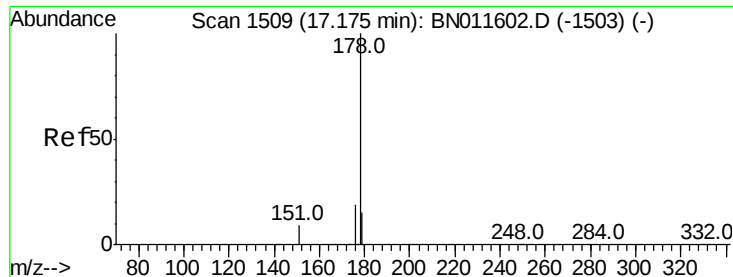
Tot Ion:200 Resp: 1674
Ion Ratio Lower Upper
200 100
173 24.6 24.3 36.5
215 48.4 36.4 54.6



#24
Pentachlorophenol
Concen: 0.332 ng
RT: 16.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:266 Resp: 932
Ion Ratio Lower Upper
266 100
264 61.7 49.5 74.3
268 69.0 53.0 79.4





#25

Phenanthrene

Concen: 0.360 ng

RT: 17.16 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

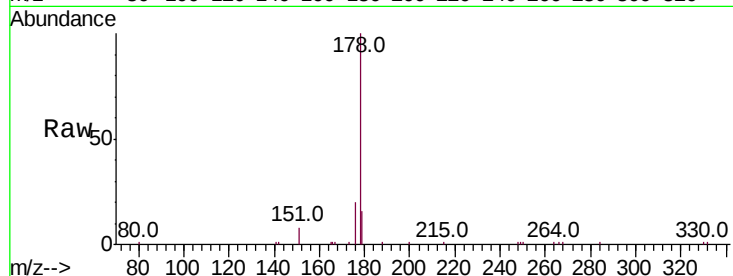
Tot Ion:178 Resp: 11377

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

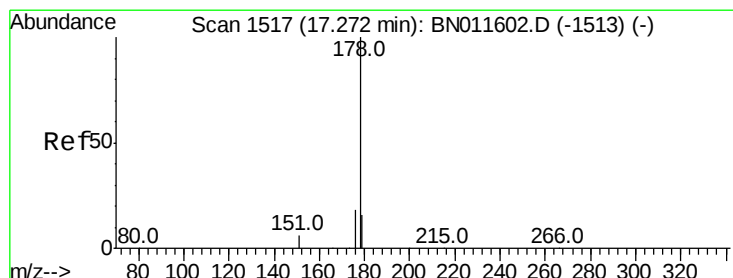
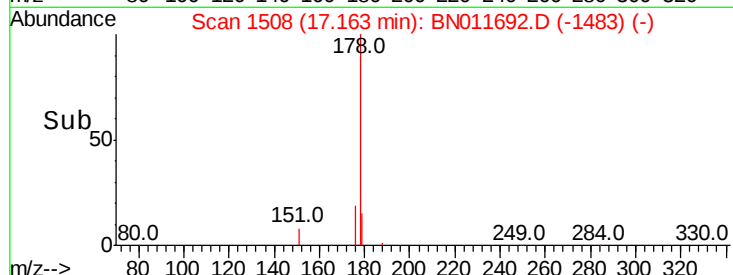
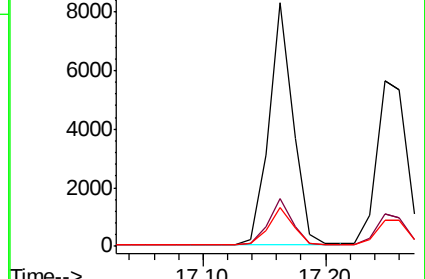
179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 0.350 ng

RT: 17.25 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

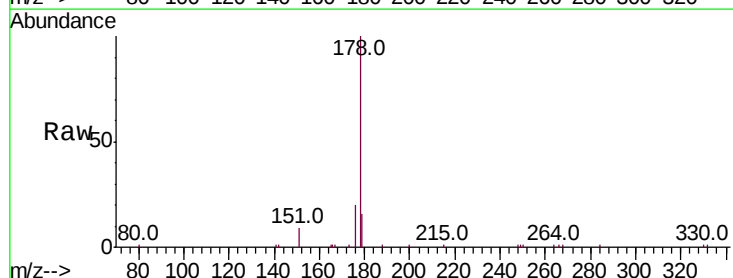
Tgt Ion:178 Resp: 9819

Ion Ratio Lower Upper

178 100

176 18.5 14.5 21.7

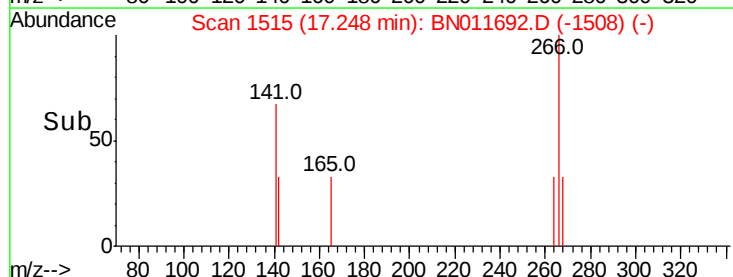
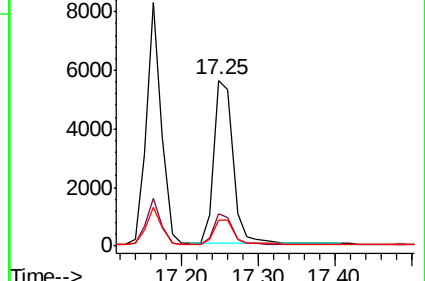
179 15.0 12.2 18.4

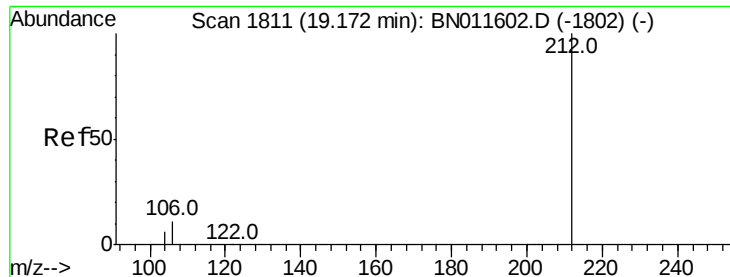


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.16 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

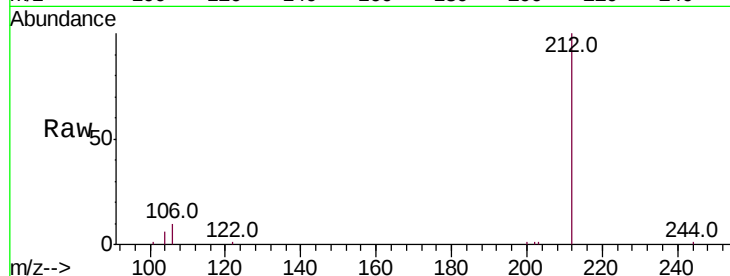
Tot Ion:212 Resp: 10543

Ion Ratio Lower Upper

212 100

106 8.7 7.6 11.4

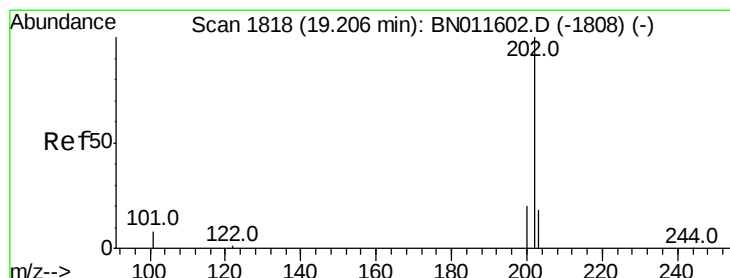
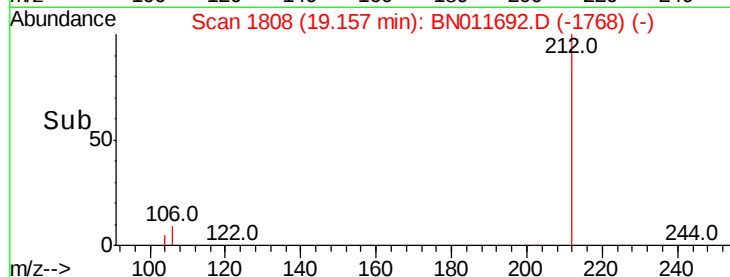
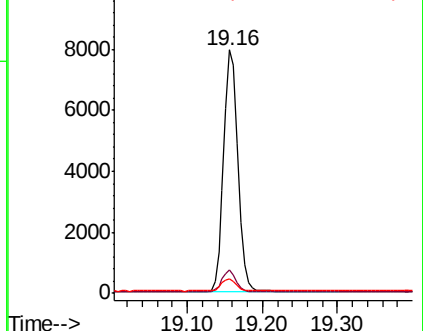
104 5.3 4.6 6.8



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: 0.340 ng

RT: 19.19 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

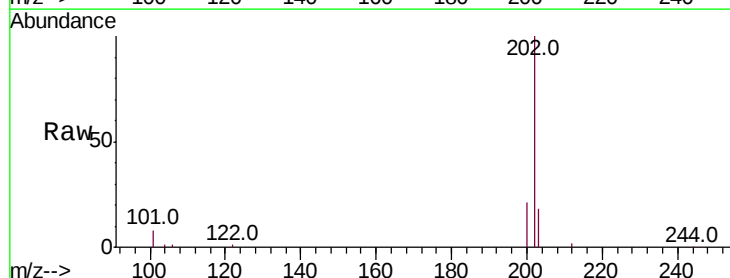
Tgt Ion:202 Resp: 12737

Ion Ratio Lower Upper

202 100

101 7.5 6.5 9.7

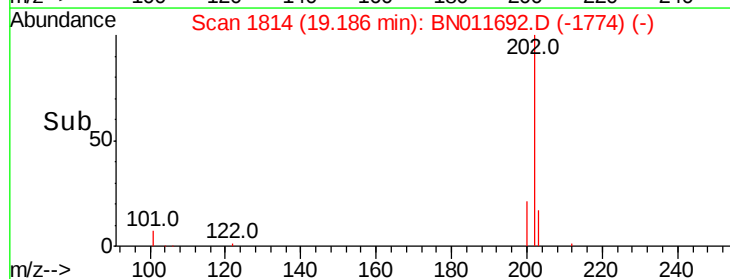
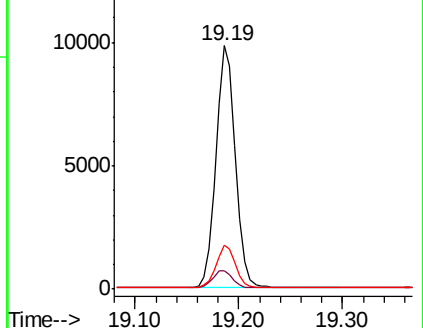
203 17.1 13.8 20.6

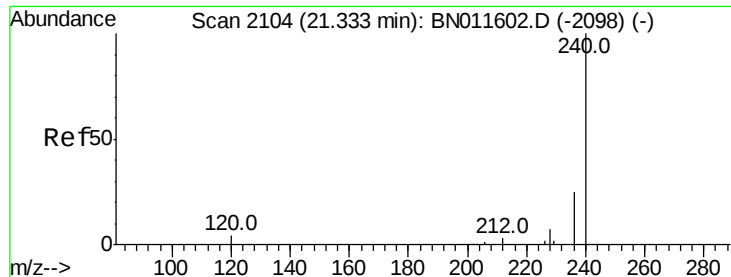


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

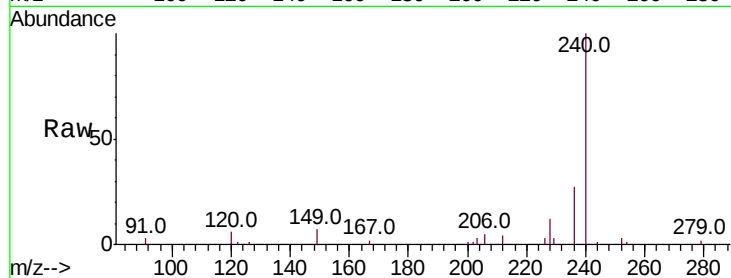




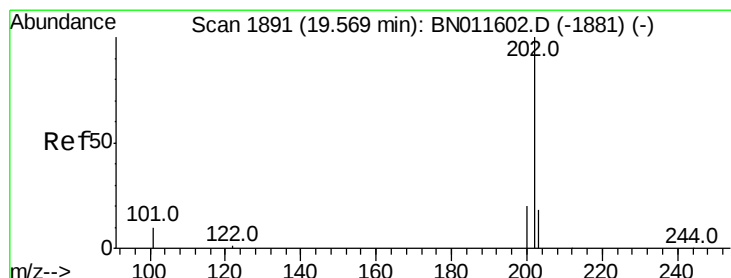
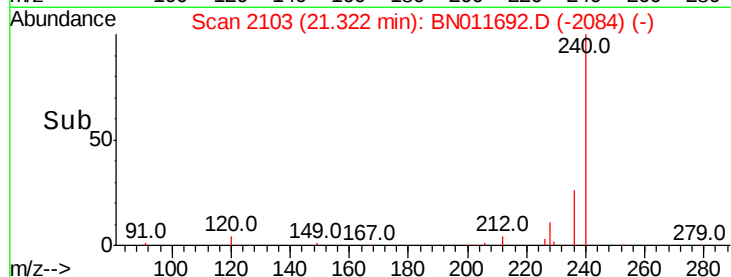
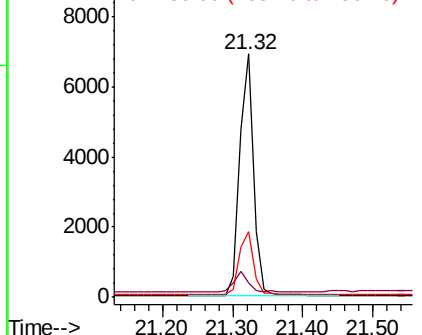
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Instrument :
BNA_N
ClientSampleId :
PB131363BSD

Tot Ion:240 Resp: 9171
Ion Ratio Lower Upper
240 100
120 6.1 9.9 14.9#
236 26.8 22.2 33.4

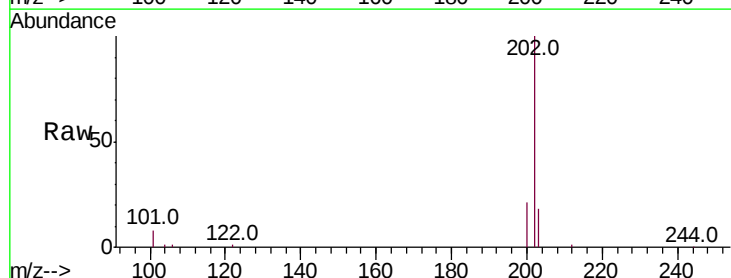


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

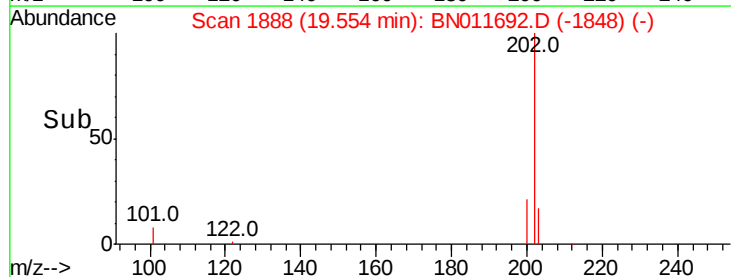
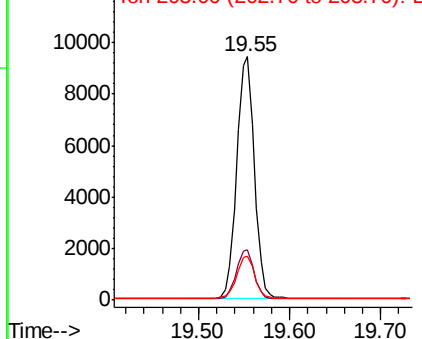


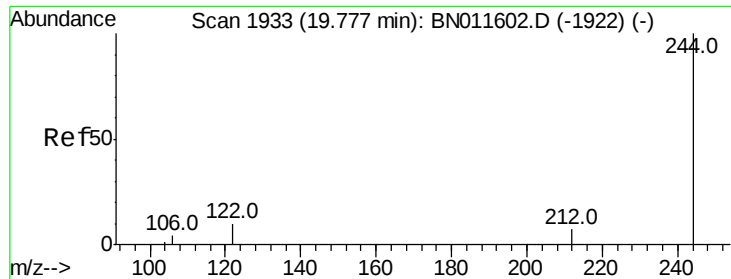
#30
Pyrene
Concen: 0.400 ng
RT: 19.55 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BN011692.D
Acq: 03 Sep 2020 11:22

Tgt Ion:202 Resp: 12766
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 17.8 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: 0.406 ng

RT: 19.76 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

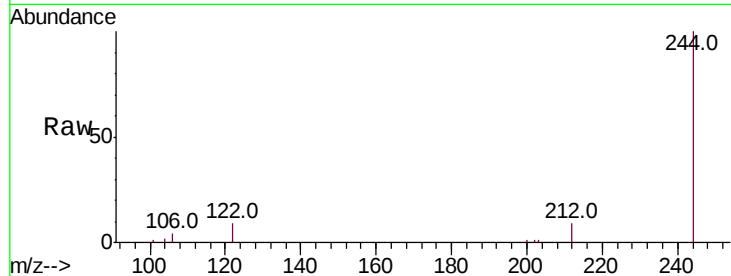
Tot Ion:244 Resp: 9246

Ion Ratio Lower Upper

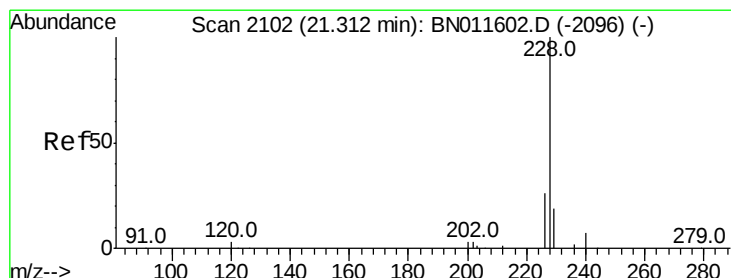
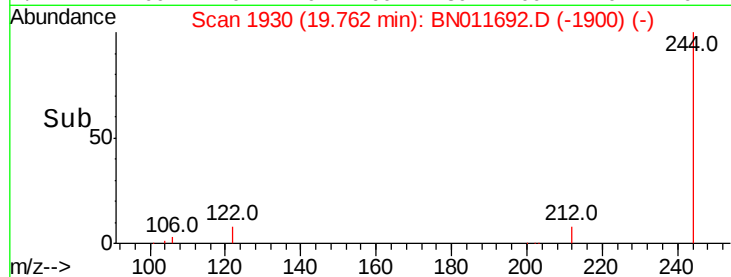
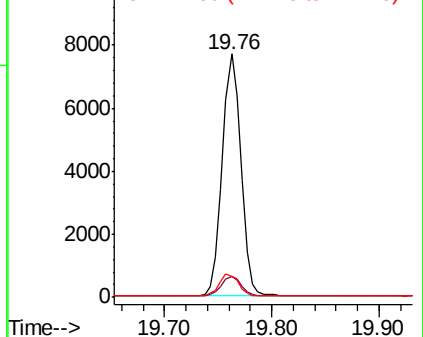
244 100

212 8.6 6.5 9.7

122 8.7 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#32

Benzo(a)anthracene

Concen: 0.366 ng

RT: 21.30 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

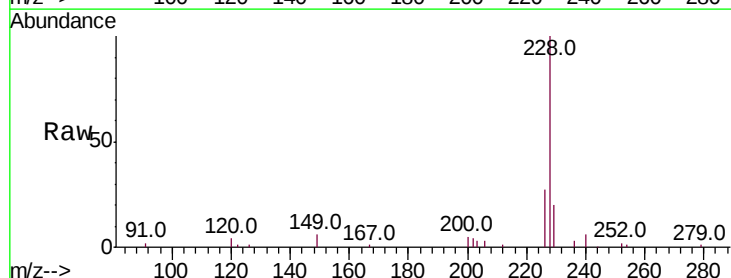
Tgt Ion:228 Resp: 11983

Ion Ratio Lower Upper

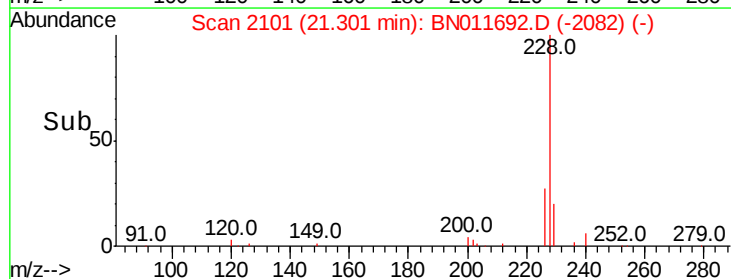
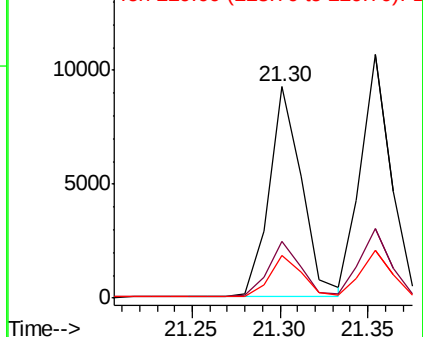
228 100

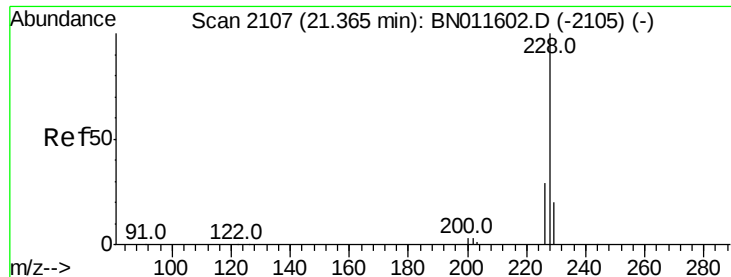
226 27.1 21.2 31.8

229 20.3 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: 0.379 ng

RT: 21.35 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

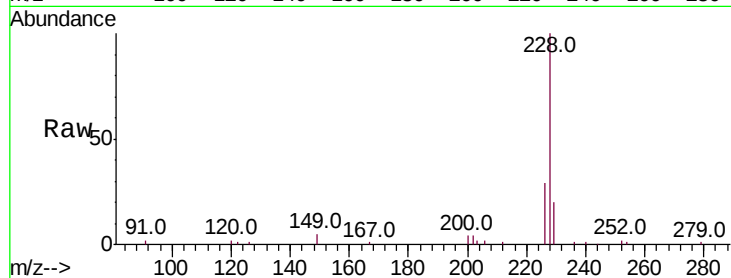
Tot Ion:228 Resp: 12812

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

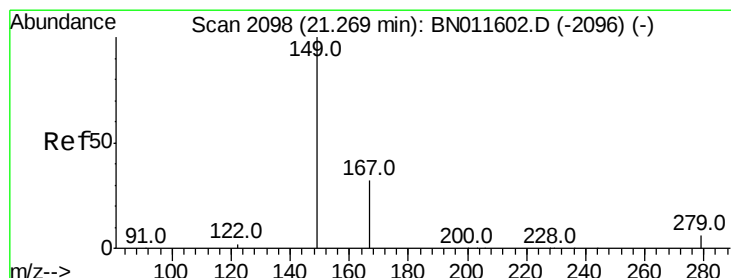
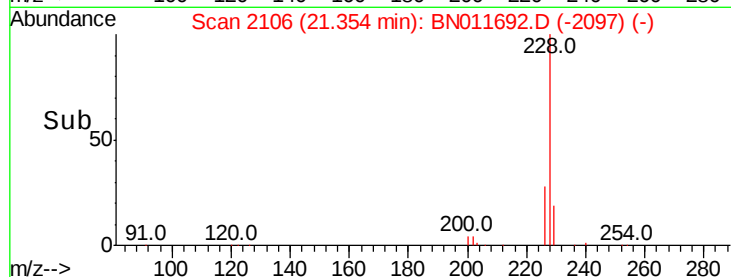
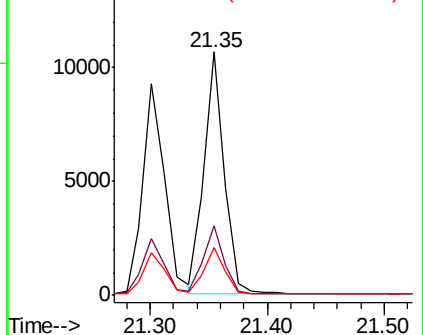
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.396 ng

RT: 21.25 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

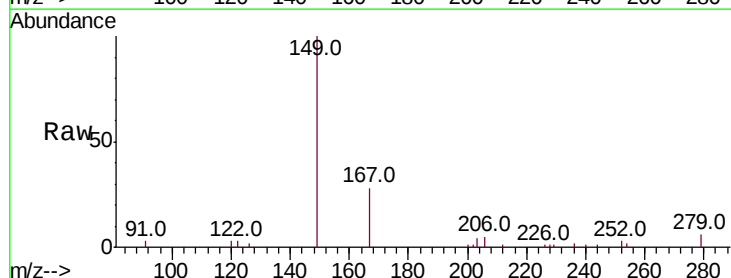
Tgt Ion:149 Resp: 5271

Ion Ratio Lower Upper

149 100

167 28.3 23.2 34.8

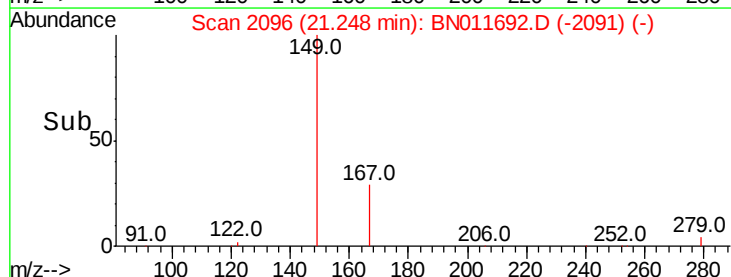
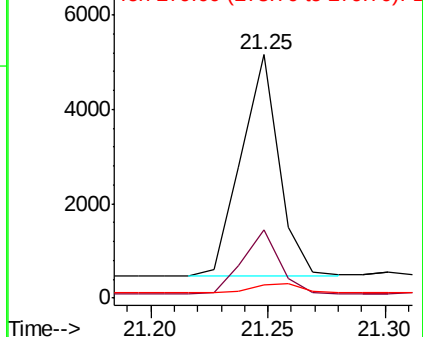
279 4.9 4.0 6.0

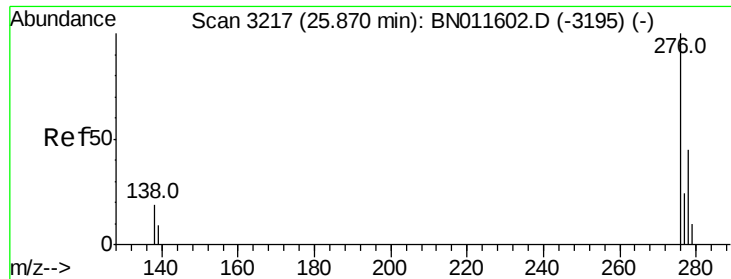


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.372 ng

RT: 25.84 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

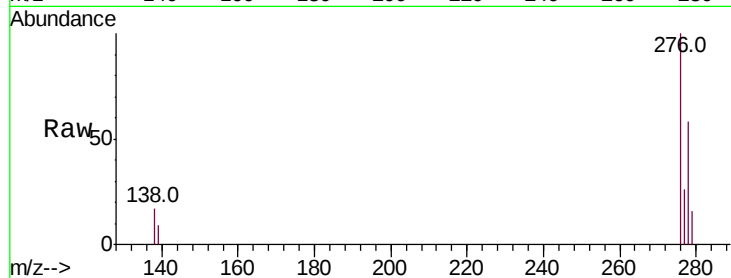
Tot Ion:276 Resp: 16371

Ion Ratio Lower Upper

276 100

138 18.0 15.4 23.2

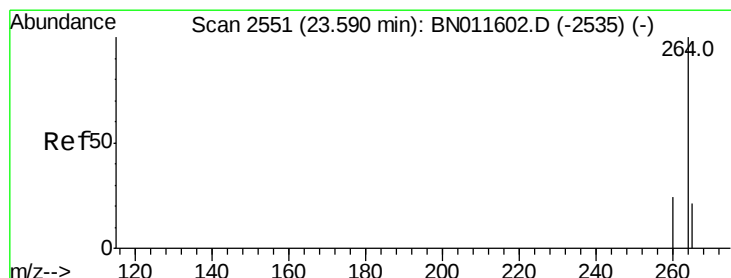
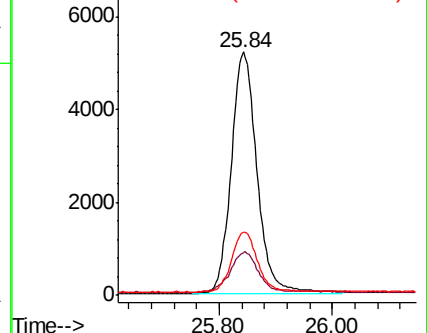
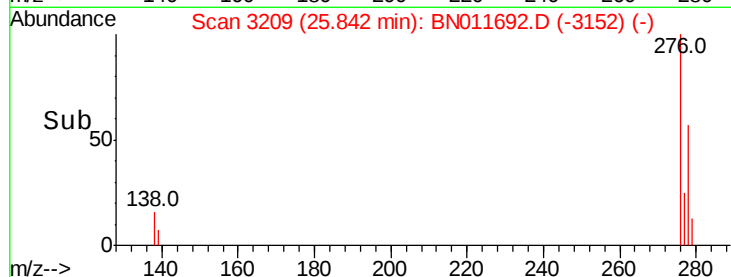
277 24.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.58 min Scan# 2547

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

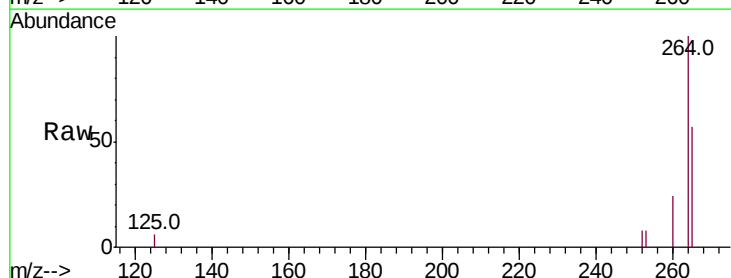
Tgt Ion:264 Resp: 9894

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

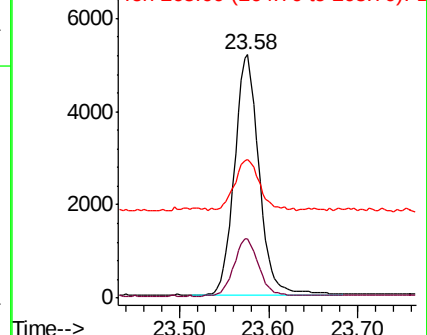
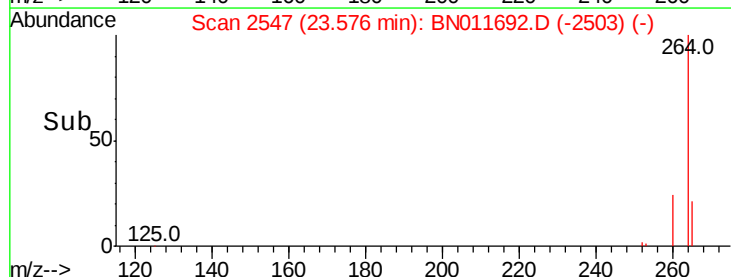
265 56.8 38.9 58.3

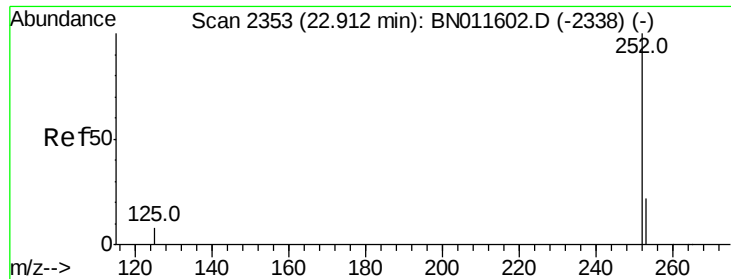


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.345 ng

RT: 22.90 min Scan# 2349

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

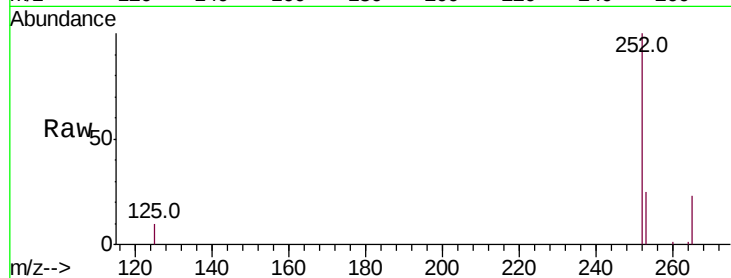
Tot Ion:252 Resp: 13108

Ion Ratio Lower Upper

252 100

253 25.4 19.7 29.5

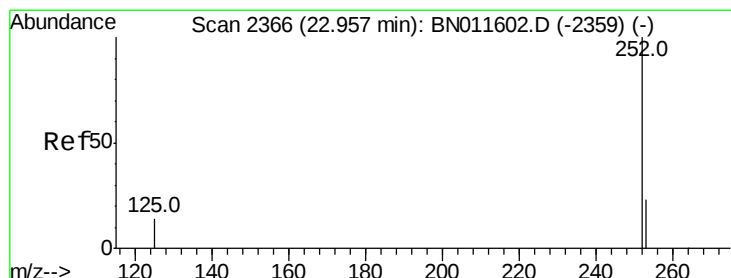
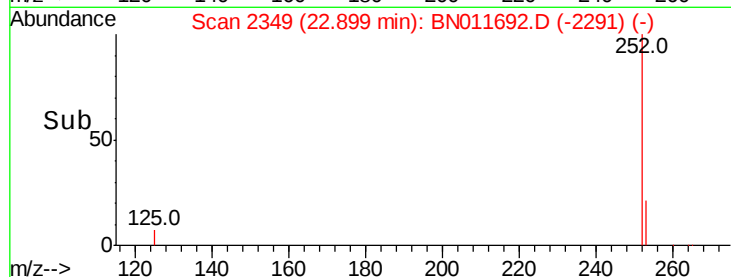
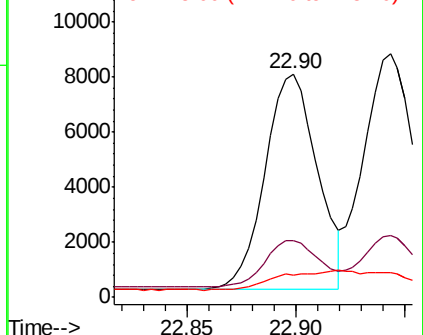
125 10.1 7.8 11.8



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



#38

Benzo(k)fluoranthene

Concen: 0.371 ng

RT: 22.94 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

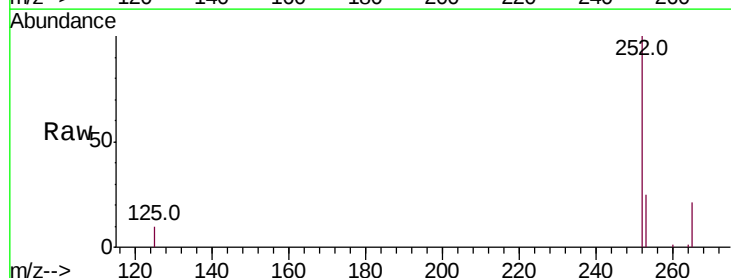
Tgt Ion:252 Resp: 14374

Ion Ratio Lower Upper

252 100

253 25.4 19.4 29.0

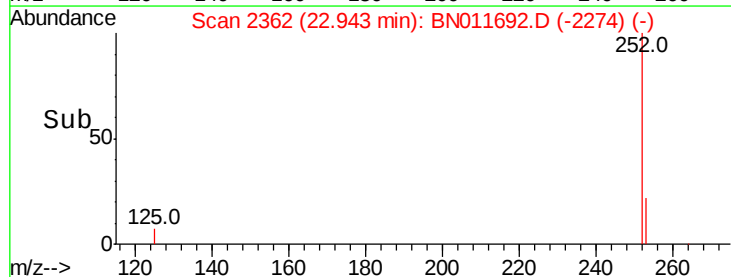
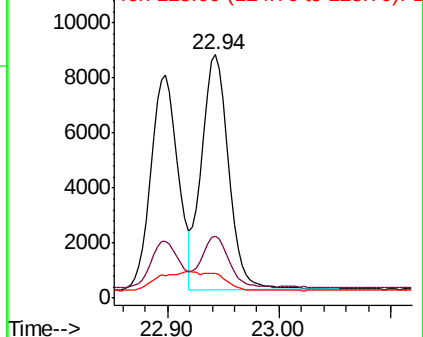
125 10.0 8.4 12.6

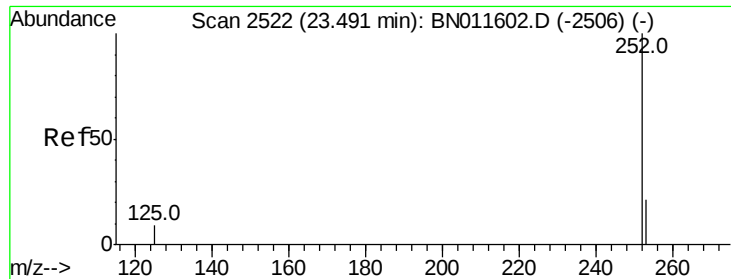


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.349 ng

RT: 23.47 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

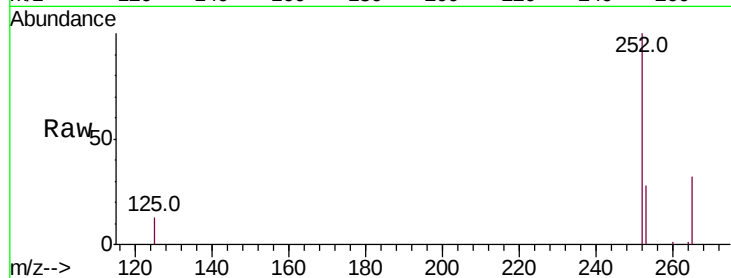
Tot Ion:252 Resp: 11823

Ion Ratio Lower Upper

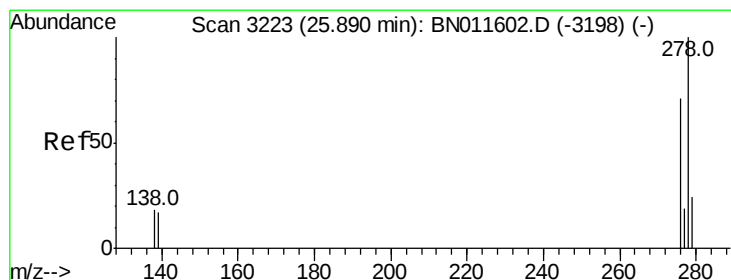
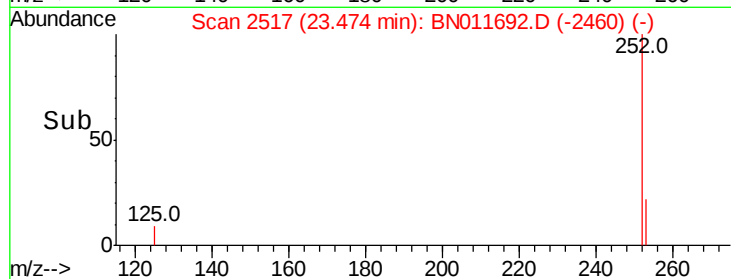
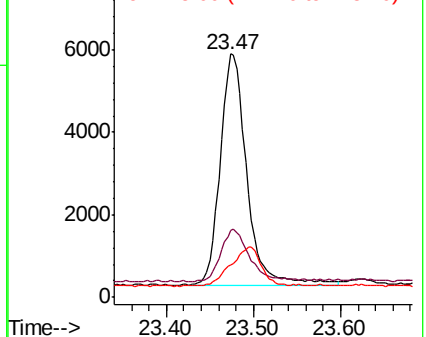
252 100

253 27.5 20.3 30.5

125 13.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.347 ng

RT: 25.86 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

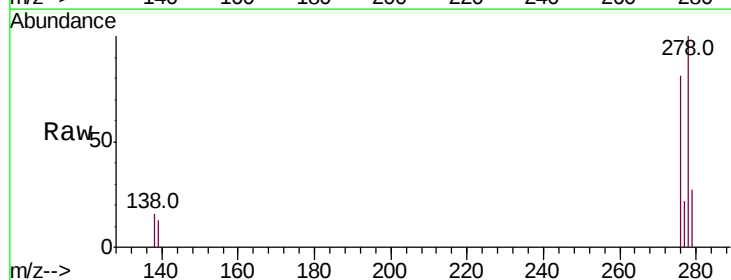
Tgt Ion:278 Resp: 13291

Ion Ratio Lower Upper

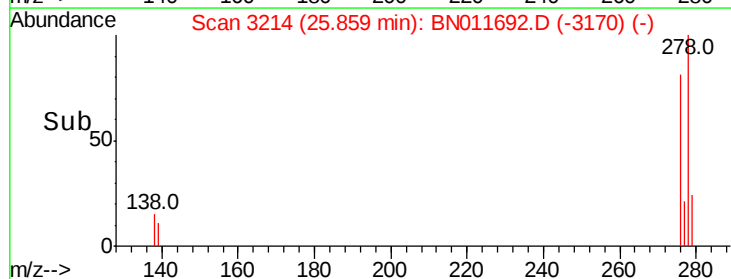
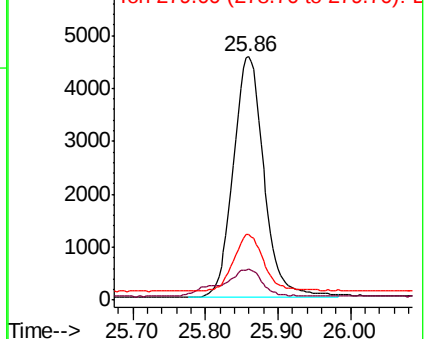
278 100

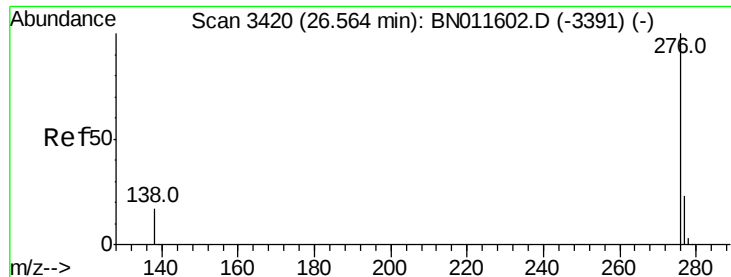
139 12.8 11.0 16.6

279 27.0 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.339 ng

RT: 26.53 min Scan# 3411

Delta R.T. -0.00 min

Lab File: BN011692.D

Acq: 03 Sep 2020 11:22

Instrument :

BNA_N

ClientSampleId :

PB131363BSD

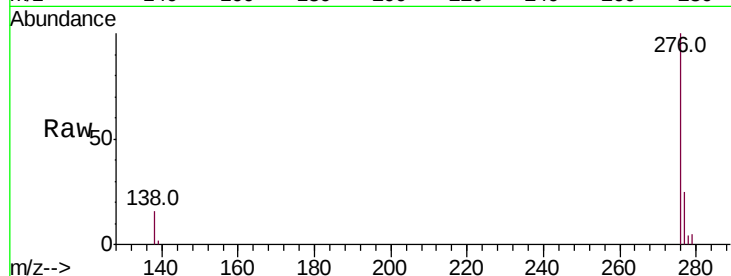
Tot Ion:276 Resp: 12711

Ion Ratio Lower Upper

276 100

277 25.1 19.7 29.5

138 16.4 13.4 20.2



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

