

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
 Data File : BN011665.D
 Acq On : 27 Aug 2020 15:42
 Operator : CG/JU
 Sample : PB131164BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131164BSD

Quant Time: Aug 27 16:23:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 14:34:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1863	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	6916	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4158	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9261	0.40	ng	0.00
29) Chrysene-d12	21.32	240	9507	0.40	ng	0.00
36) Perylene-d12	23.58	264	10327	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	1918	0.36	ng	0.00
5) Phenol-d6	6.91	99	2555	0.36	ng	0.00
8) Nitrobenzene-d5	8.88	82	2488	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	4569	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	695	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	6479	0.37	ng	0.00
27) Fluoranthene-d10	19.16	212	10429	0.35	ng	0.00
31) Terphenyl-d14	19.77	244	9098	0.39	ng	0.00

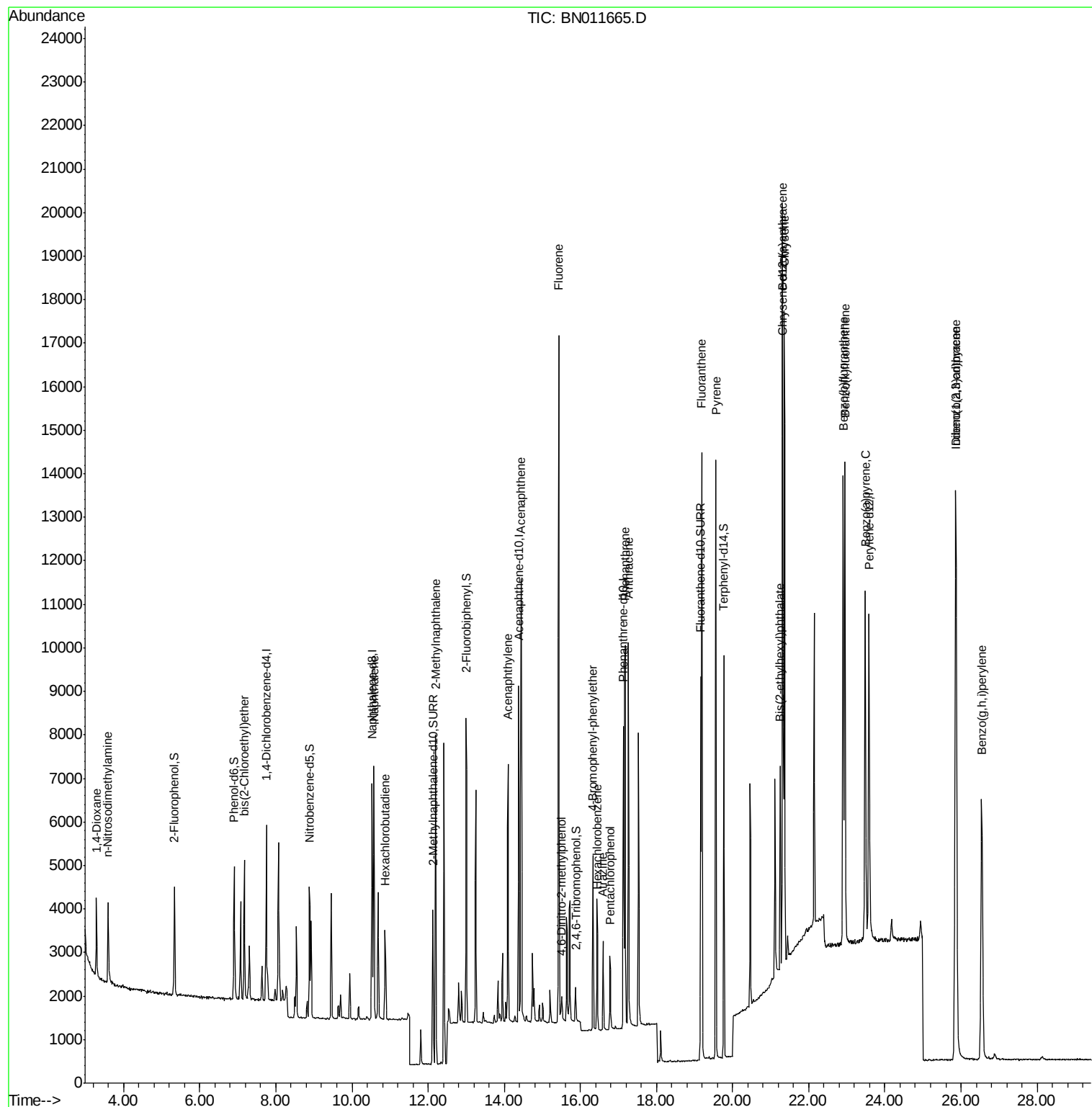
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	1128	0.377	ng	96
3) n-Nitrosodimethylamine	3.59	42	1316	0.380	ng	# 96
6) bis(2-Chloroethyl)ether	7.17	93	2198	0.378	ng	99
9) Naphthalene	10.58	128	7271	0.368	ng	99
10) Hexachlorobutadiene	10.87	225	1650	0.380	ng	# 99
12) 2-Methylnaphthalene	12.20	142	5122	0.364	ng	100
16) Acenaphthylene	14.10	152	7056	0.349	ng	99
17) Acenaphthene	14.45	154	5029	0.360	ng	99
18) Fluorene	15.44	166	6435	0.359	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	473	0.331	ng	88
21) 4-Bromophenyl-phenylether	16.32	248	1960	0.361	ng	97
22) Hexachlorobenzene	16.44	284	2406	0.359	ng	99
23) Atrazine	16.59	200	1669	0.351	ng	99
24) Pentachlorophenol	16.79	266	907	0.341	ng	98
25) Phenanthrene	17.18	178	10651	0.356	ng	99
26) Anthracene	17.26	178	9181	0.345	ng	99
28) Fluoranthene	19.19	202	12502	0.352	ng	100
30) Pvrene	19.56	202	12612	0.382	ng	100
32) Benzo(a)anthracene	21.31	228	12529	0.369	ng	99
33) Chrysene	21.35	228	13204	0.377	ng	97
34) Bis(2-ethylhexyl)phthalate	21.25	149	4738	0.343	ng	100
35) Indeno(1,2,3-cd)pyrene	25.86	276	16876	0.370	ng	99
37) Benzo(b)fluoranthene	22.91	252	13773	0.348	ng	98
38) Benzo(k)fluoranthene	22.95	252	14348	0.354	ng	98
39) Benzo(a)pyrene	23.48	252	12117	0.342	ng	96
40) Dibenzo(a,h)anthracene	25.87	278	13918	0.348	ng	98
41) Benzo(g,h,i)perylene	26.54	276	13442	0.343	ng	98

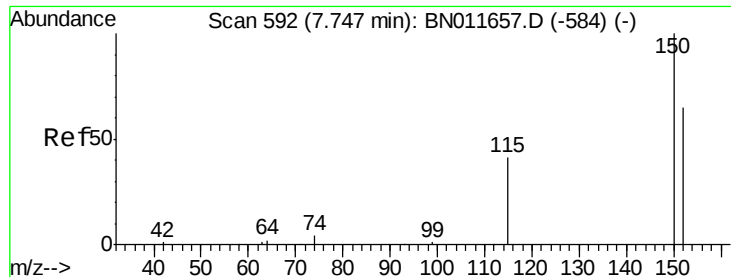
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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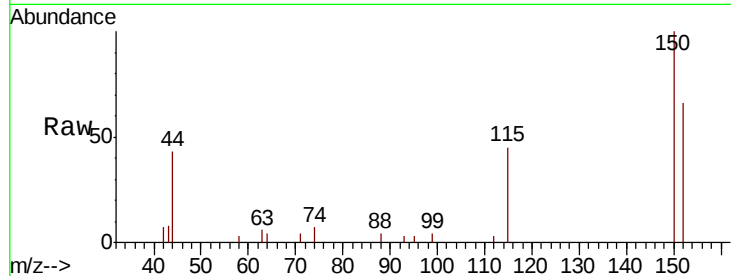


#1

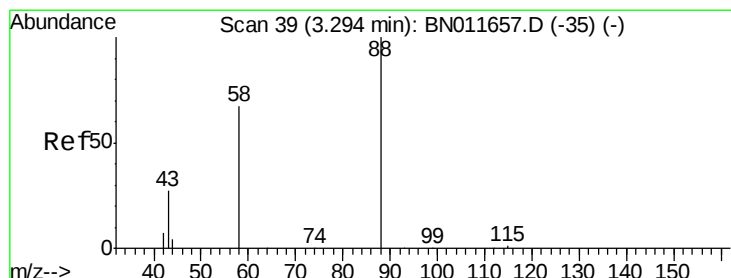
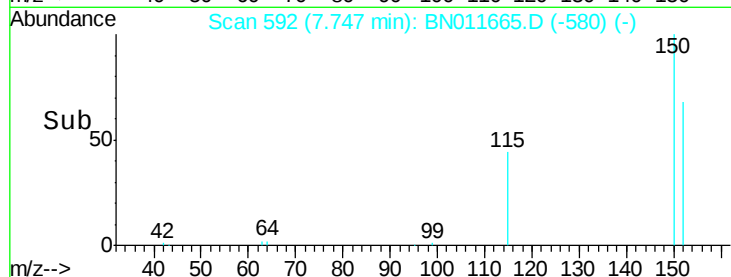
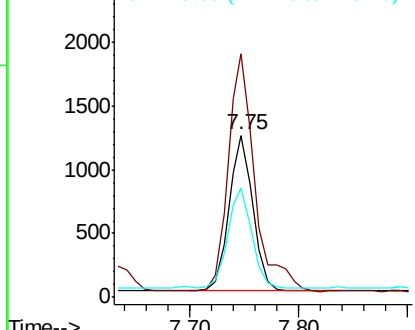
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. -0.00 min
Lab File: BN011665.D
Acq: 27 Aug 2020 15:42

Instrument :
BNA_N
ClientSampleId :
PB131164BSD

Tot Ion:152 Resp: 1863
Ion Ratio Lower Upper
152 100
150 150.6 121.0 181.6
115 67.5 52.6 78.8



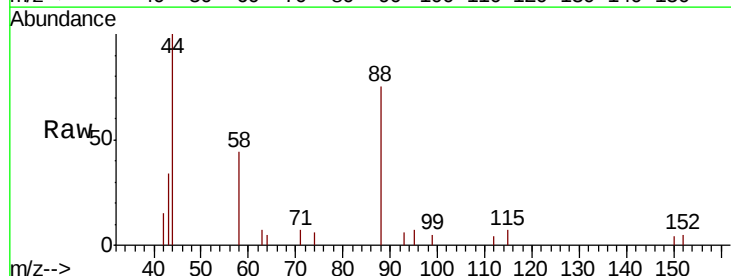
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



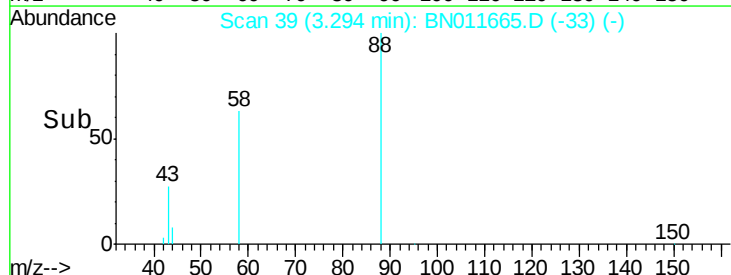
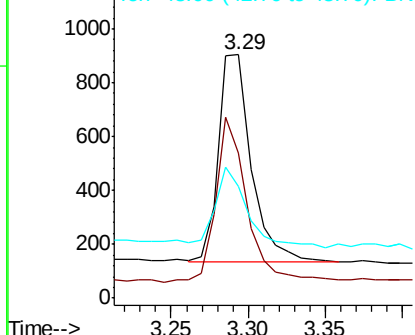
#2

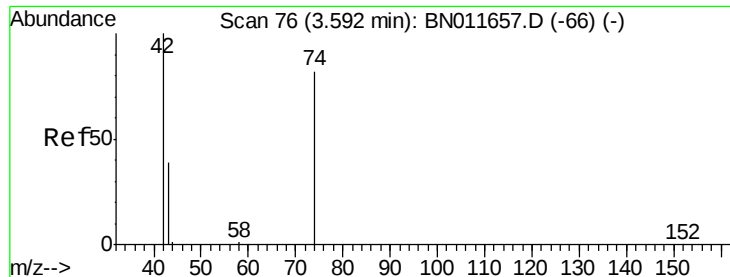
1,4-Dioxane
Concen: 0.377 ng
RT: 3.29 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN011665.D
Acq: 27 Aug 2020 15:42

Tgt Ion: 88 Resp: 1128
Ion Ratio Lower Upper
88 100
58 73.0 61.4 92.0
43 38.5 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: 0.380 ng

RT: 3.59 min Scan# 76

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

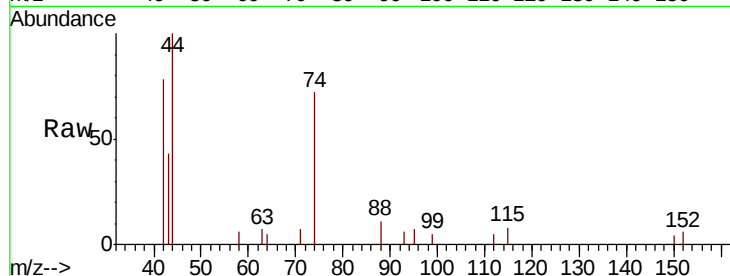
Tot Ion: 42 Resp: 1316

Ion Ratio Lower Upper

42 100

74 102.7 79.0 118.6

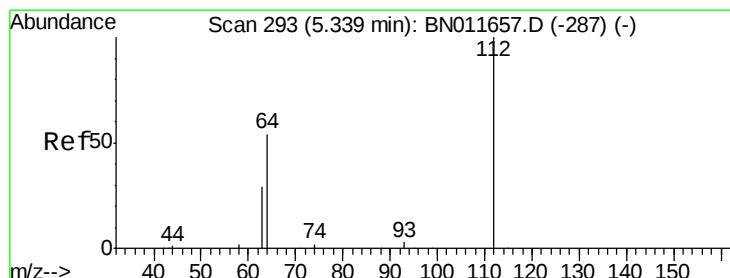
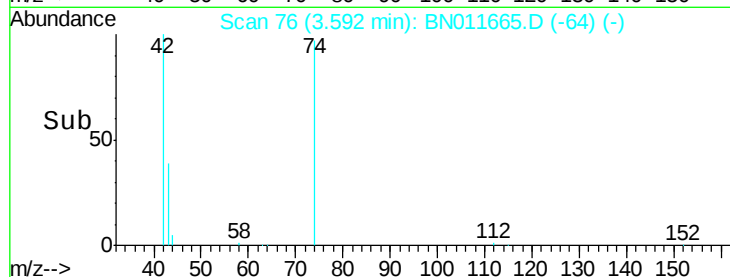
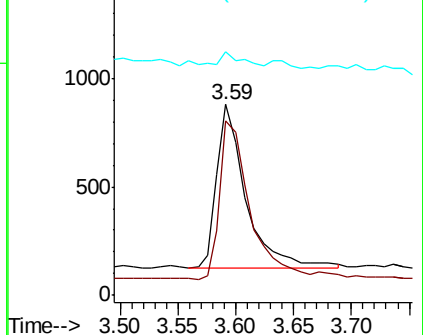
44 7.1 8.1 12.1#



Abundance Ion 42.00 (41.70 to 42.70): BN011665.D (-64) (-)

Ion 74.00 (73.70 to 74.70): BN011665.D (-64) (-)

Ion 44.00 (43.70 to 44.70): BN011665.D (-64) (-)



#4

2-Fluorophenol

Concen: 0.364 ng

RT: 5.34 min Scan# 293

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

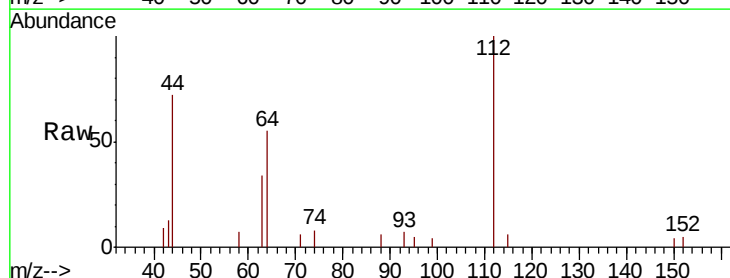
Tgt Ion: 112 Resp: 1918

Ion Ratio Lower Upper

112 100

64 61.2 49.7 74.5

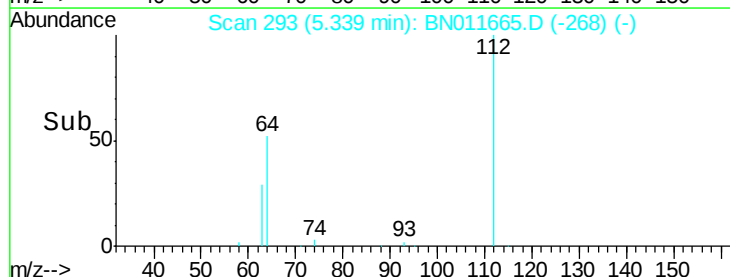
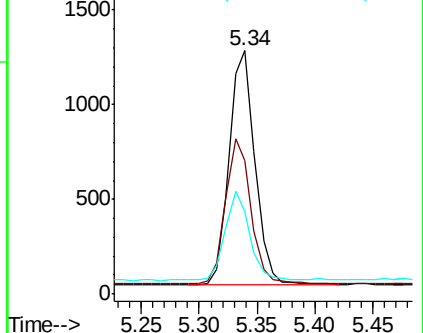
63 35.6 29.4 44.0

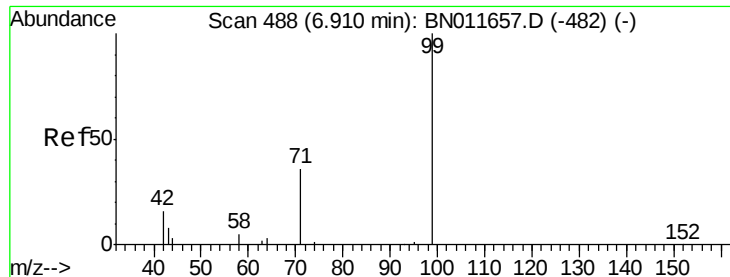


Abundance Ion 112.00 (111.70 to 112.70): BN011665.D (-268) (-)

Ion 64.00 (63.70 to 64.70): BN011665.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BN011665.D (-268) (-)





#5

Phenol-d6

Concen: 0.357 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

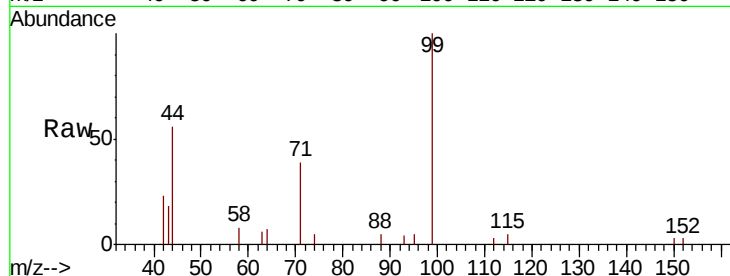
Tot Ion: 99 Resp: 2555

Ion Ratio Lower Upper

99 100

42 25.5 20.2 30.2

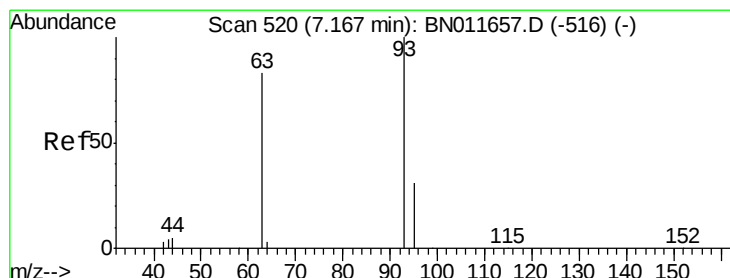
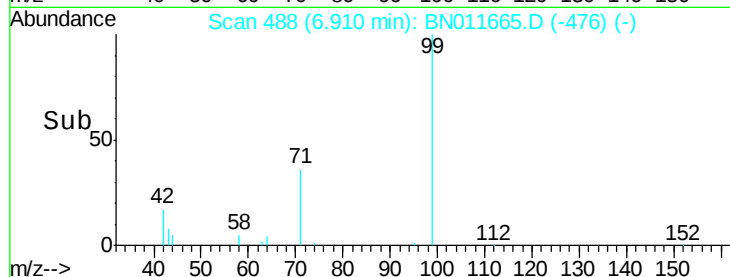
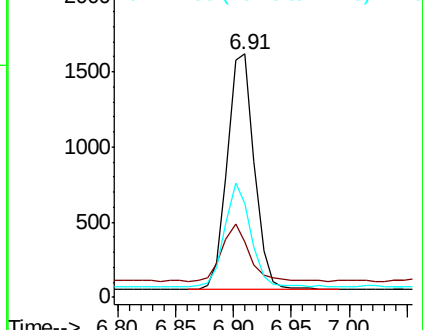
71 42.0 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011665.D (-476) (-)

Ion 42.00 (41.70 to 42.70): BN011665.D (-476) (-)

Ion 71.00 (70.70 to 71.70): BN011665.D (-476) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.378 ng

RT: 7.17 min Scan# 520

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

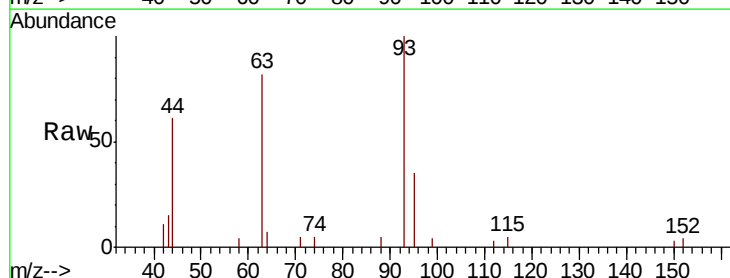
Tgt Ion: 93 Resp: 2198

Ion Ratio Lower Upper

93 100

63 76.3 62.2 93.4

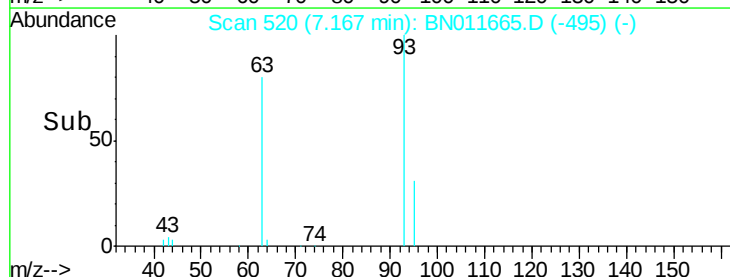
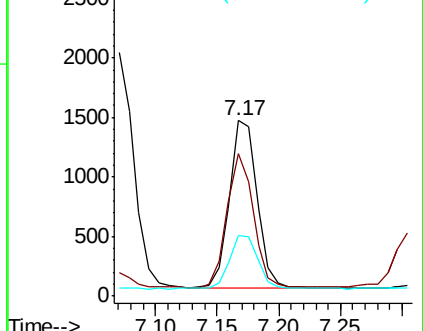
95 32.8 26.6 39.8

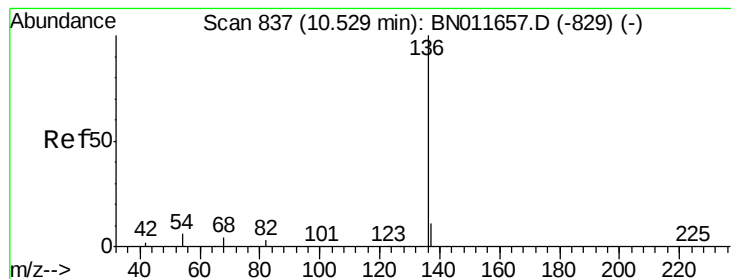


Abundance Ion 93.00 (92.70 to 93.70): BN011665.D (-495) (-)

Ion 63.00 (62.70 to 63.70): BN011665.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BN011665.D (-495) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

Tot Ion:136 Resp: 6916

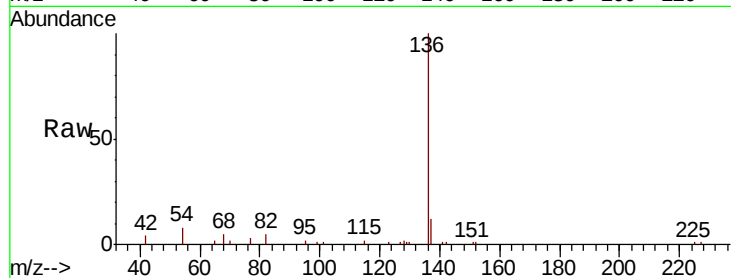
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 7.8 5.8 8.8

68 5.4 4.1 6.1

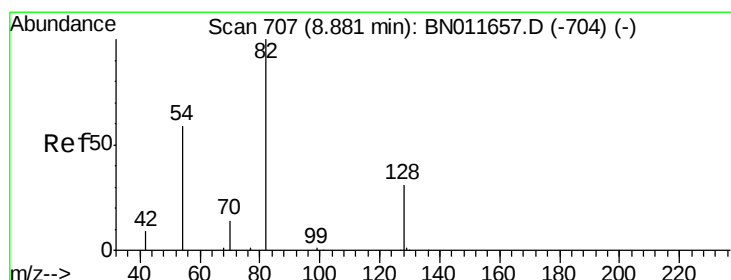
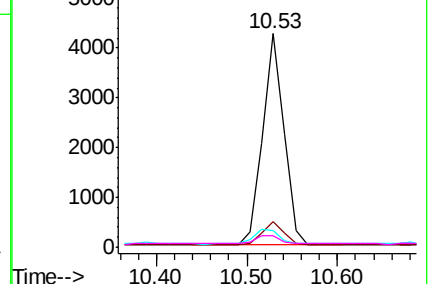
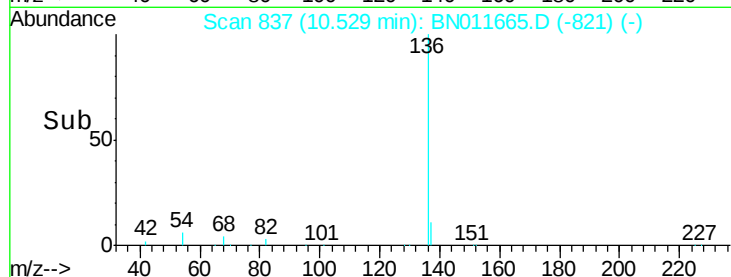


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 8.88 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

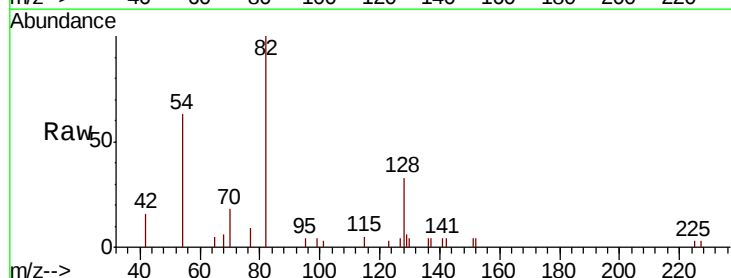
Tgt Ion: 82 Resp: 2488

Ion Ratio Lower Upper

82 100

128 33.4 26.2 39.2

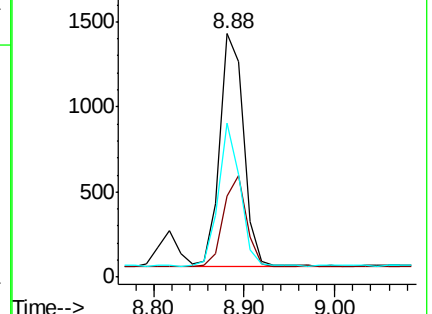
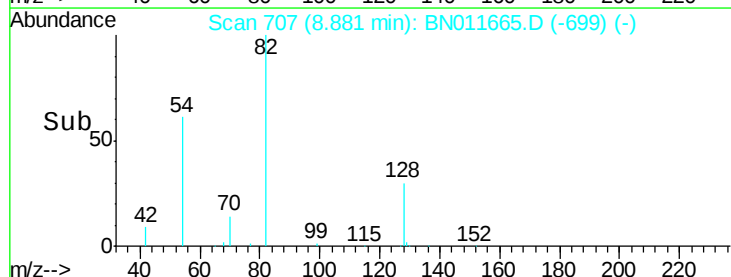
54 63.2 48.2 72.4

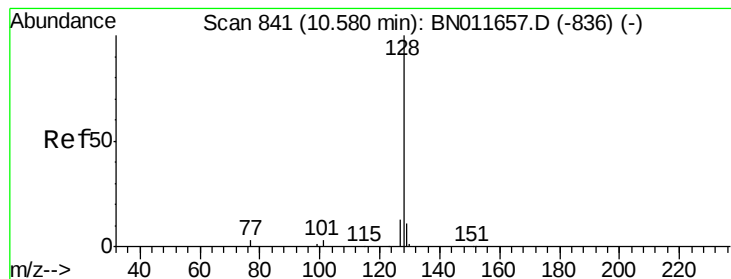


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: 10.58 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

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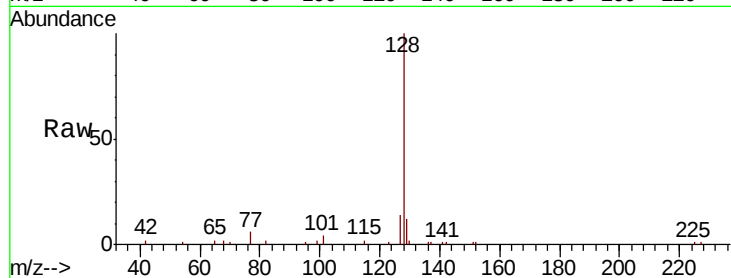
Tot Ion:128 Resp: 7271

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.2

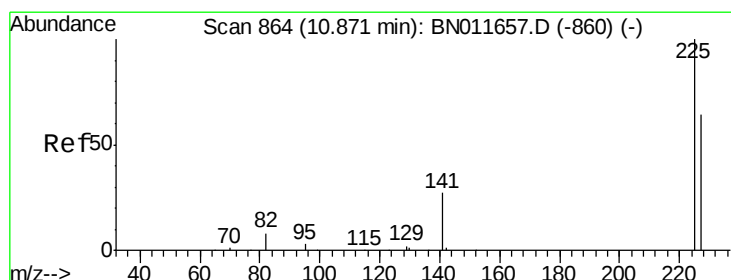
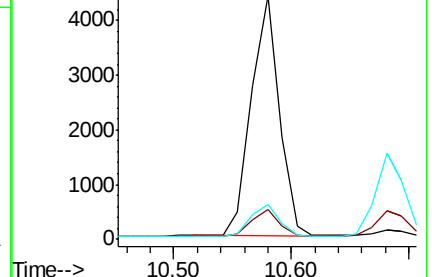
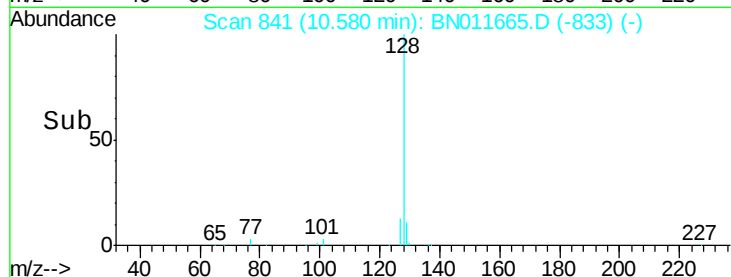
127 14.2 10.8 16.2



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: 0.380 ng

RT: 10.87 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

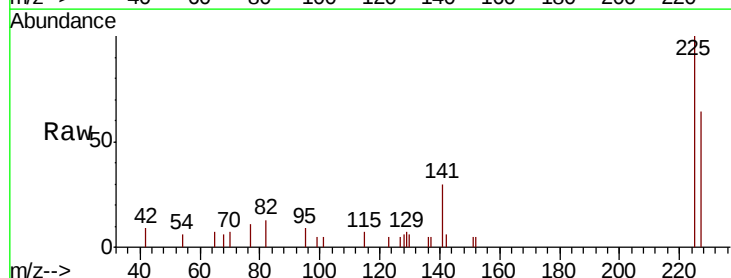
Tgt Ion:225 Resp: 1650

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

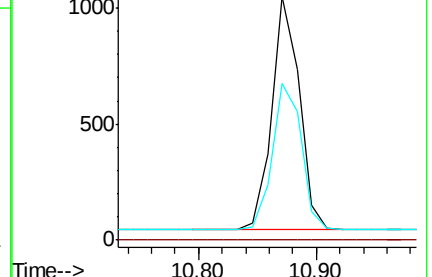
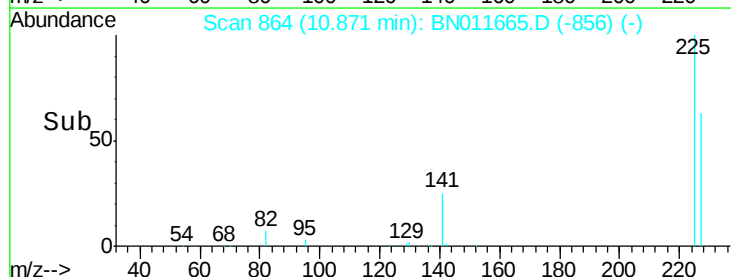
227 65.8 52.3 78.5

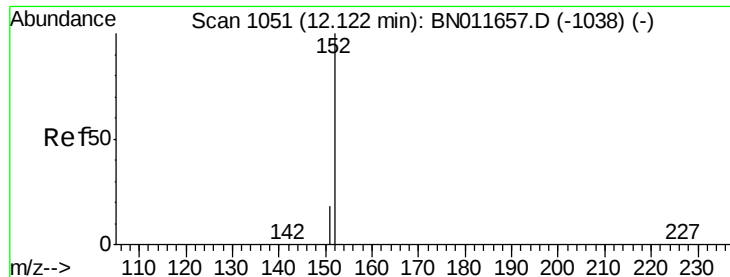


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

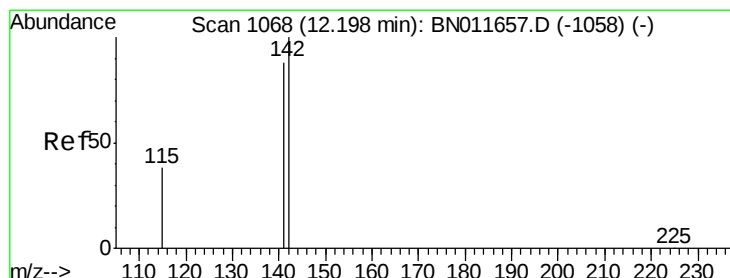
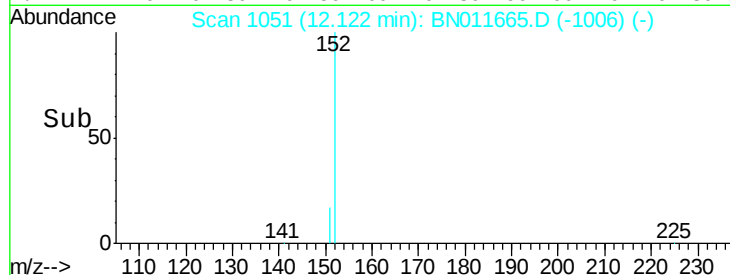
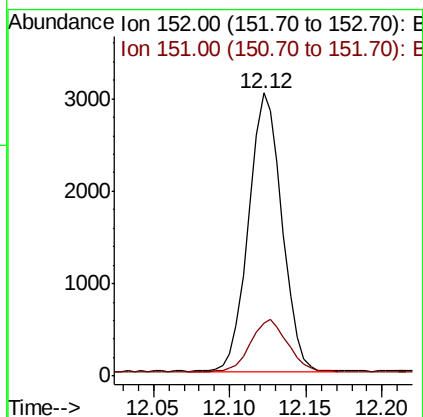
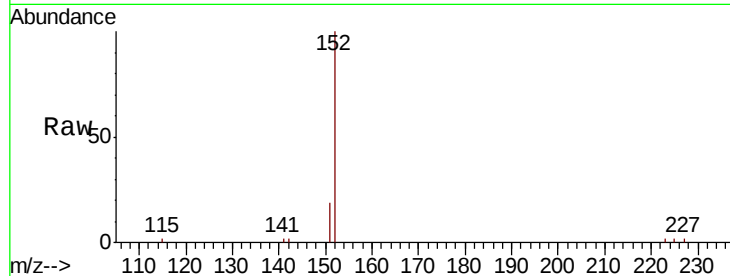




#11
 2-Methylnaphthalene-d10
 Concen: 0.366 ng
 RT: 12.12 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BN011665.D
 Acq: 27 Aug 2020 15:42

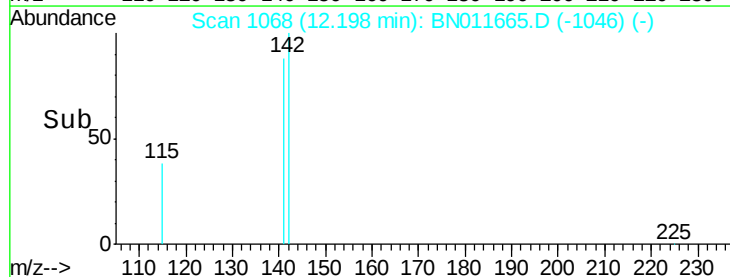
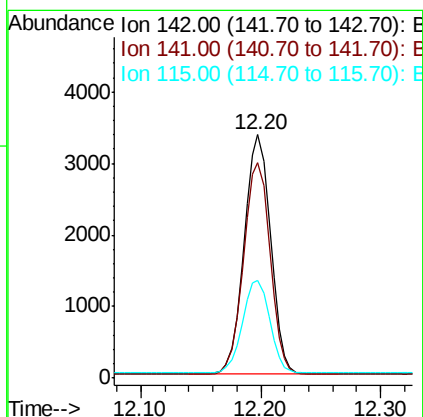
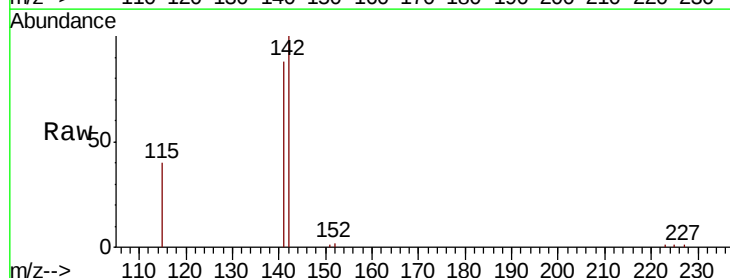
Instrument :
 BNA_N
 ClientSampleId :
 PB131164BSD

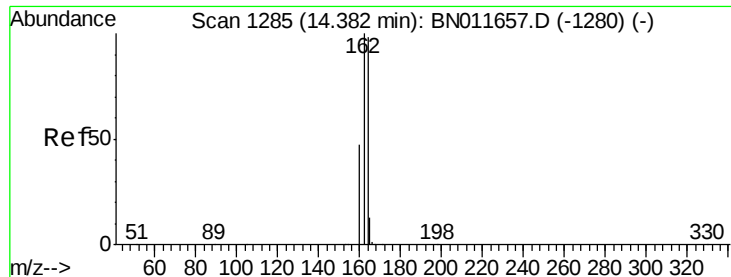
Tot Ion:152 Resp: 4569
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.7 25.1



#12
 2-Methylnaphthalene
 Concen: 0.364 ng
 RT: 12.20 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BN011665.D
 Acq: 27 Aug 2020 15:42

Tgt Ion:142 Resp: 5122
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.6 106.0
 115 40.0 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: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

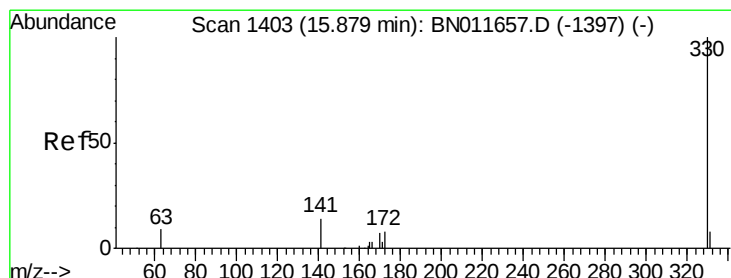
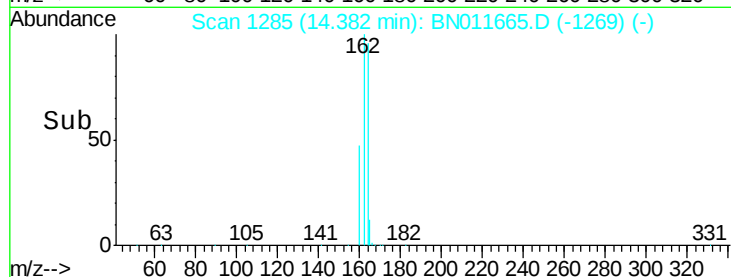
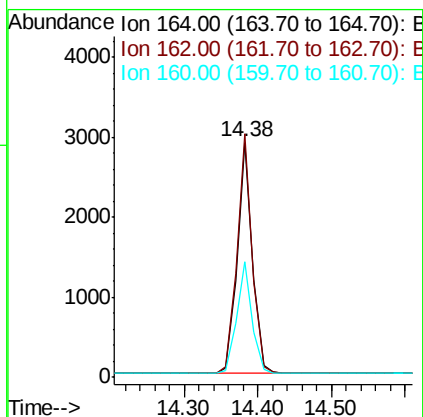
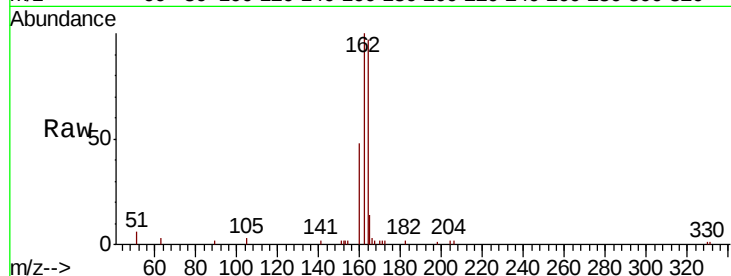
Tot Ion:164 Resp: 4158

Ion Ratio Lower Upper

164 100

162 103.5 81.4 122.0

160 49.3 38.5 57.7



#14

2,4,6-Tribromophenol

Concen: 0.344 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

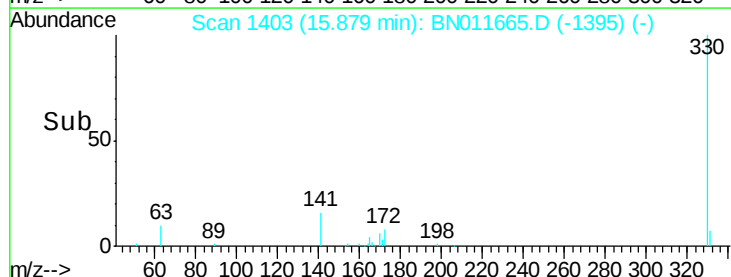
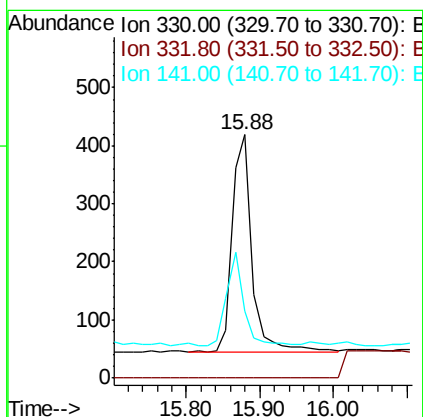
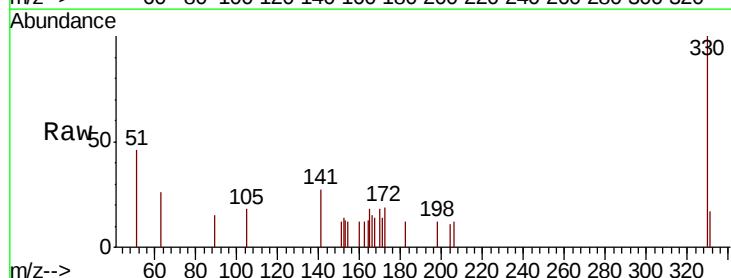
Tgt Ion:330 Resp: 695

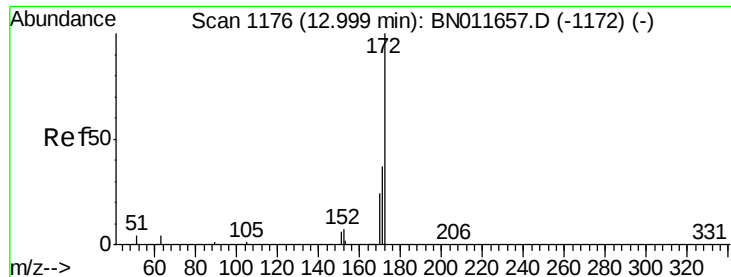
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 37.8 30.0 45.0

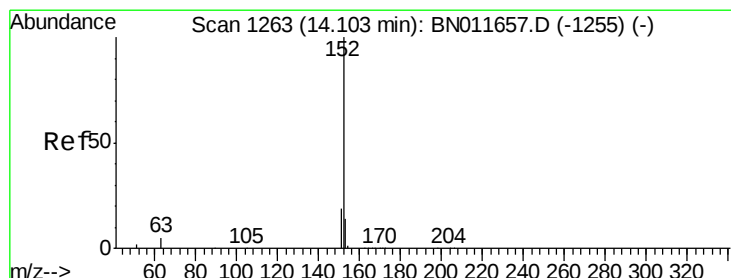
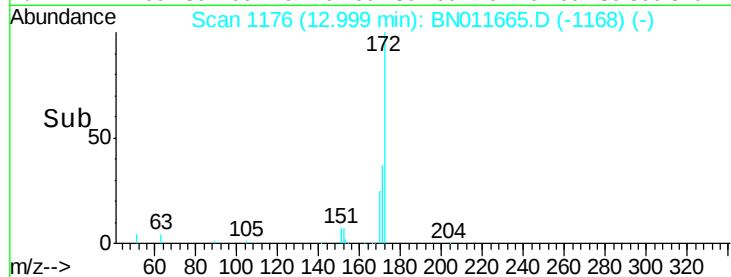
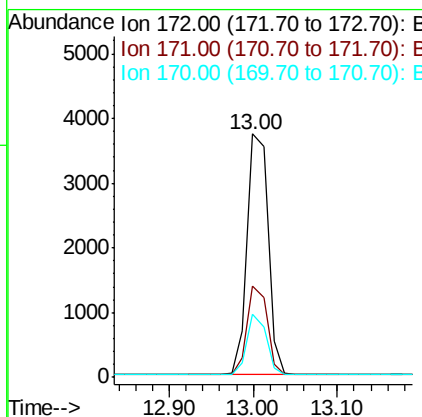
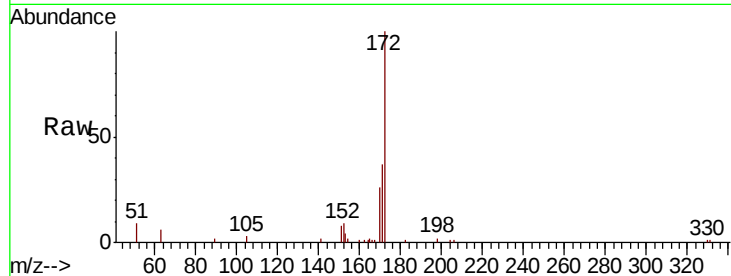




#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BN011665.D
Acq: 27 Aug 2020 15:42

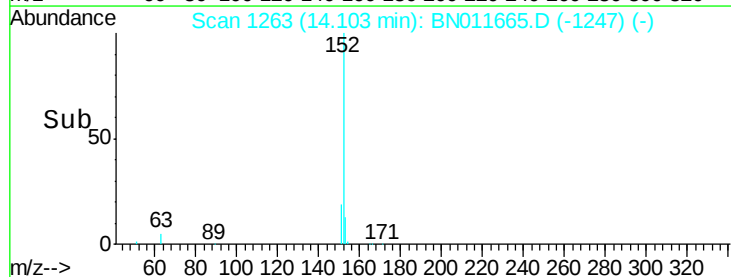
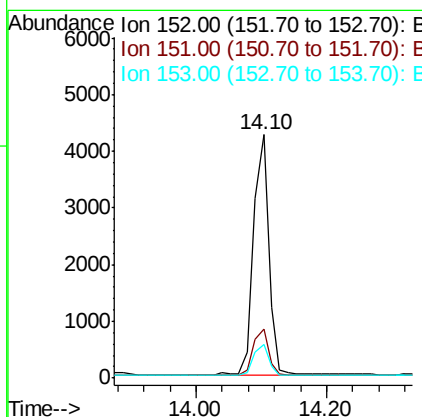
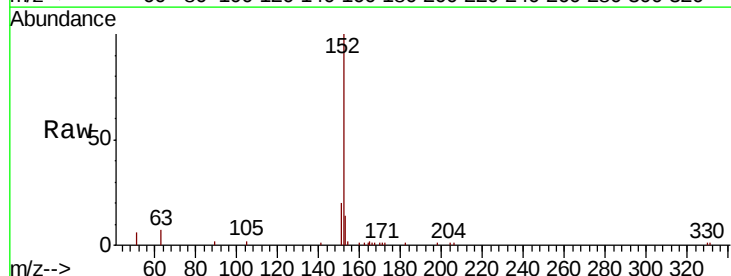
Instrument :
BNA_N
ClientSampleId :
PB131164BSD

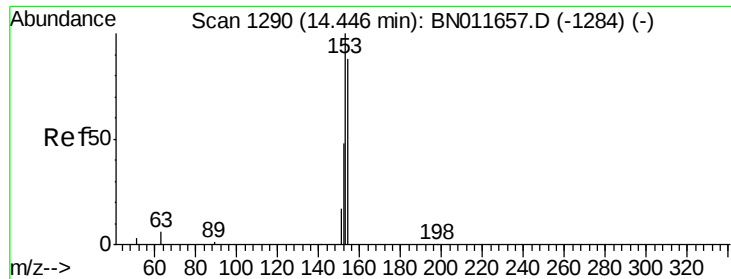
Tot Ion:172 Resp: 6479
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 25.8 20.1 30.1



#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BN011665.D
Acq: 27 Aug 2020 15:42

Tgt Ion:152 Resp: 7056
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 12.7 10.5 15.7





#17

Acenaphthene

Concen: 0.360 ng

RT: 14.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

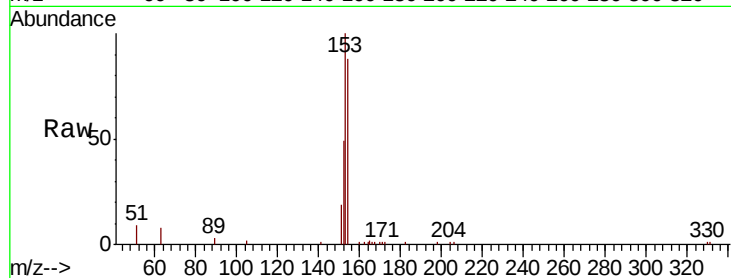
Tot Ion:154 Resp: 5029

Ion Ratio Lower Upper

154 100

153 110.2 89.2 133.8

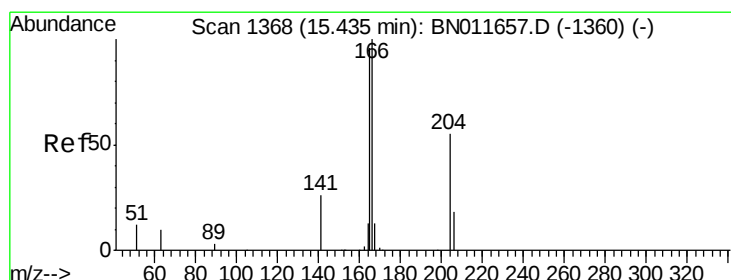
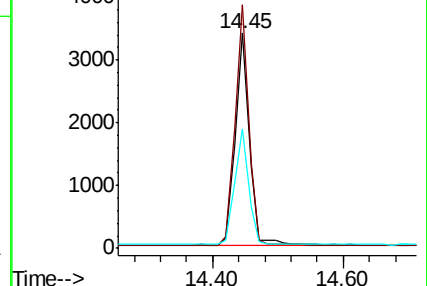
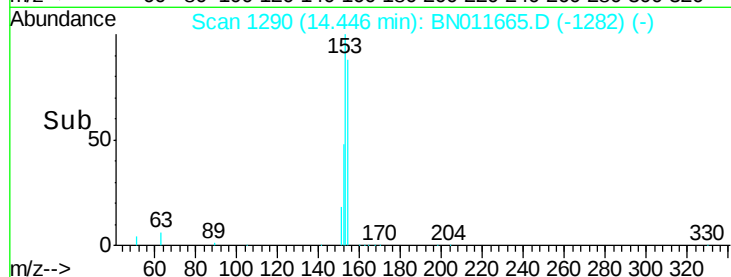
152 54.8 44.1 66.1



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: 0.359 ng

RT: 15.44 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

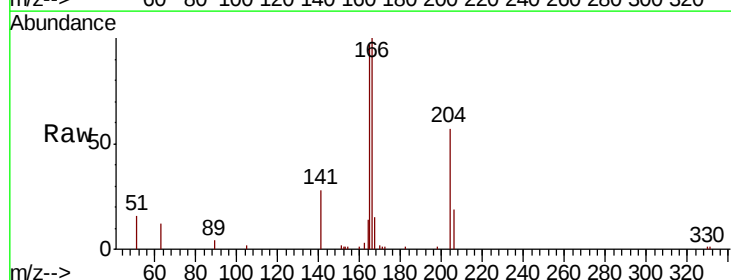
Tgt Ion:166 Resp: 6435

Ion Ratio Lower Upper

166 100

165 98.2 77.7 116.5

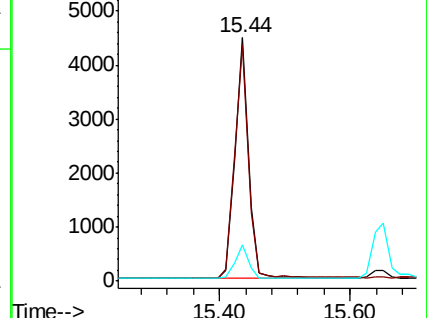
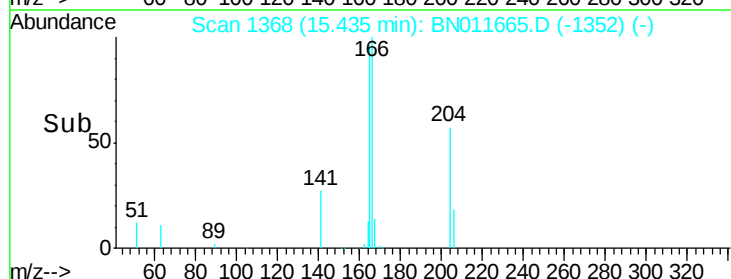
167 13.5 11.0 16.4

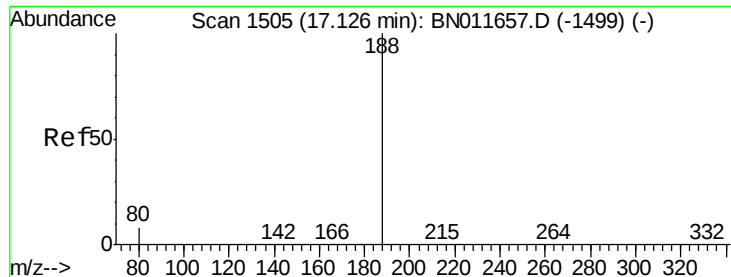


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

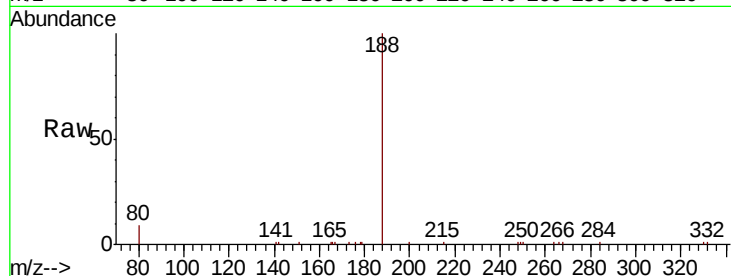
Tot Ion:188 Resp: 9261

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

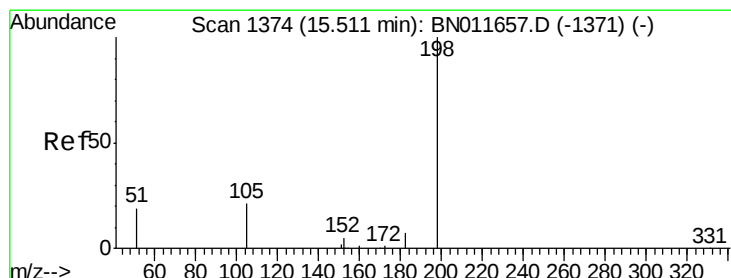
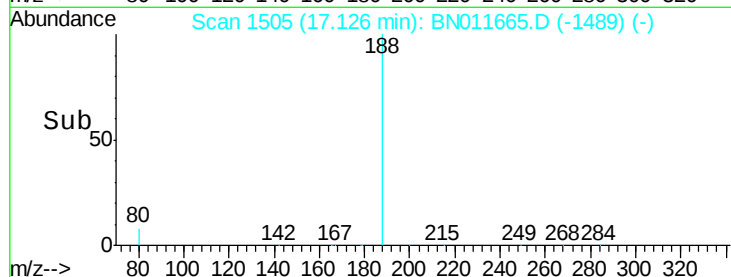
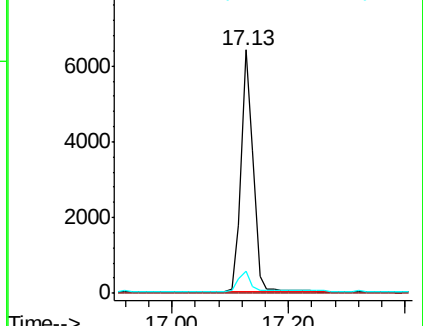
80 8.9 6.6 9.8



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: 0.331 ng

RT: 15.51 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

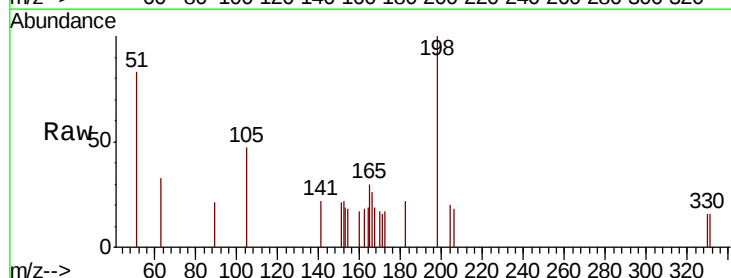
Tgt Ion:198 Resp: 473

Ion Ratio Lower Upper

198 100

51 83.4 58.6 87.8

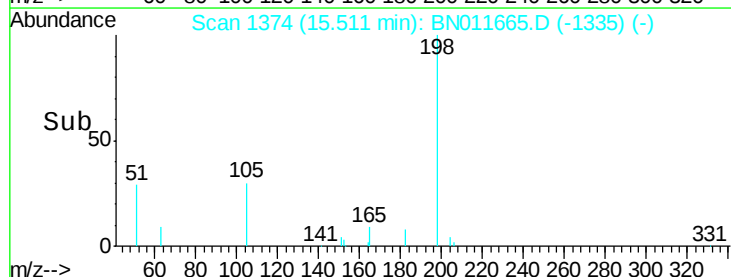
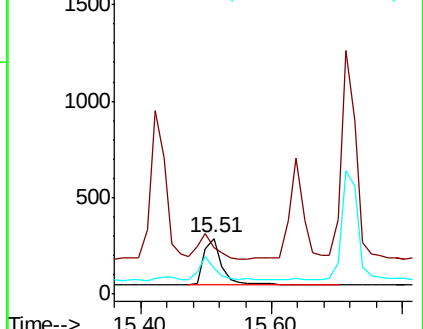
105 47.2 31.7 47.5

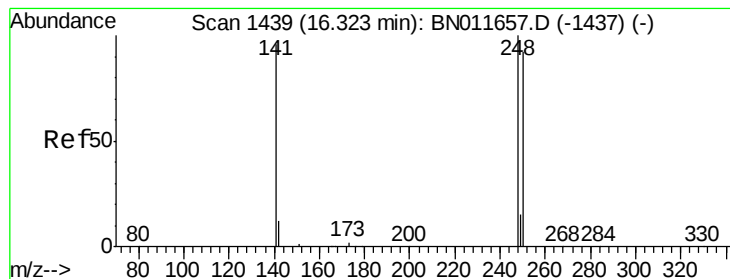


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.361 ng

RT: 16.32 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

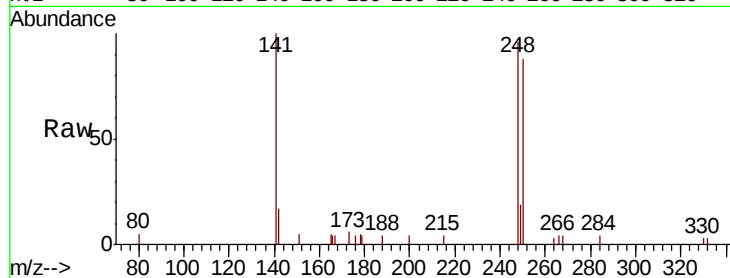
Tot Ion:248 Resp: 1960

Ion Ratio Lower Upper

248 100

250 91.4 73.9 110.9

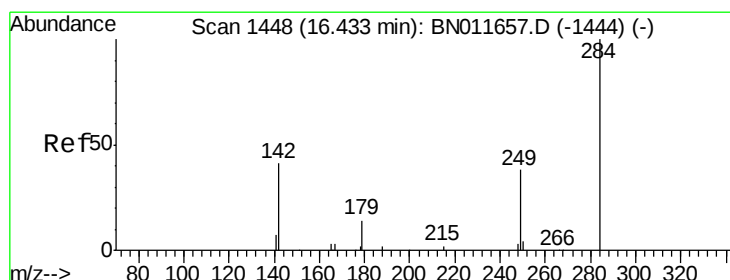
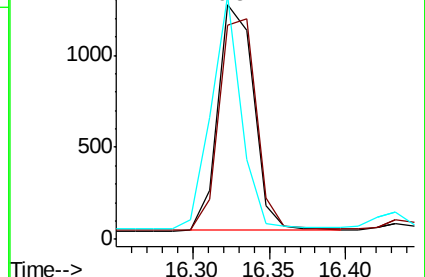
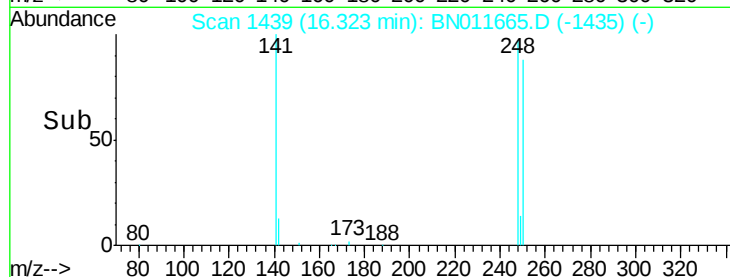
141 103.9 79.8 119.6



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: 0.359 ng

RT: 16.44 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

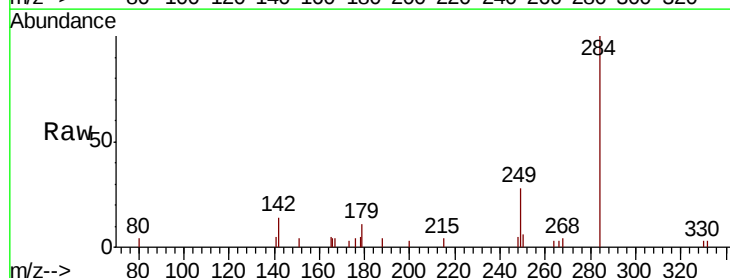
Tgt Ion:284 Resp: 2406

Ion Ratio Lower Upper

284 100

142 36.6 29.0 43.4

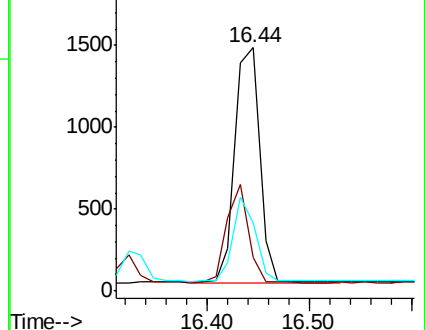
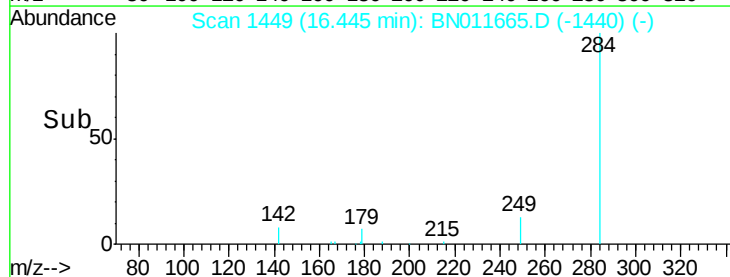
249 32.4 25.7 38.5

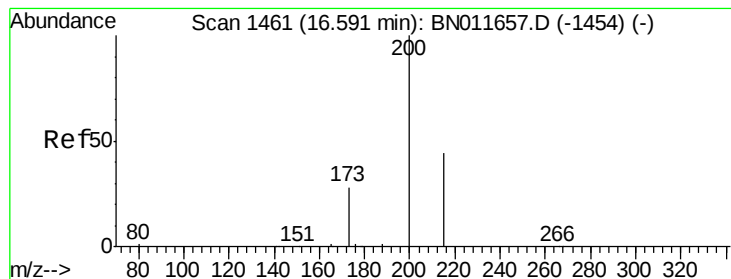


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.351 ng

RT: 16.59 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

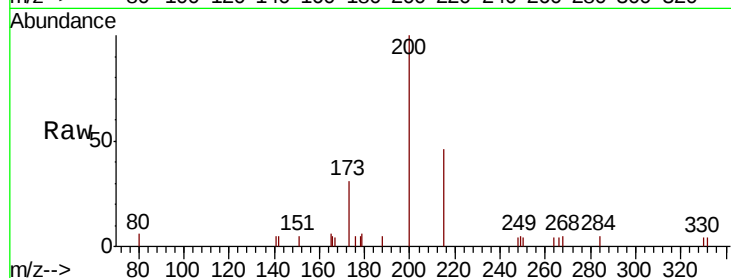
Tot Ion:200 Resp: 1669

Ion Ratio Lower Upper

200 100

173 31.5 24.3 36.5

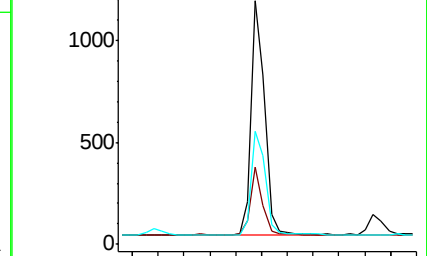
215 46.2 36.4 54.6



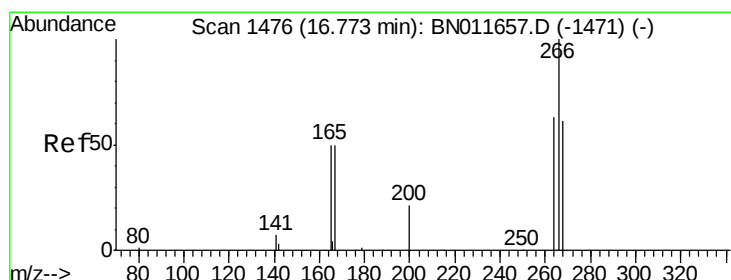
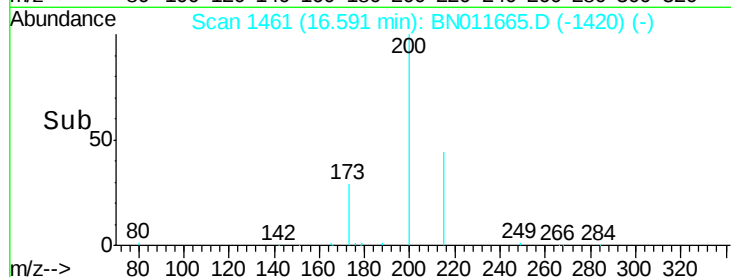
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#24

Pentachlorophenol

Concen: 0.341 ng

RT: 16.79 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

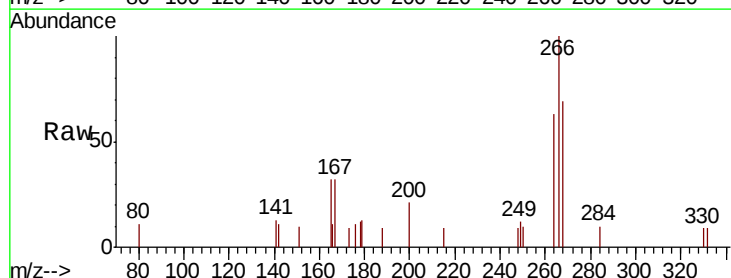
Tgt Ion:266 Resp: 907

Ion Ratio Lower Upper

266 100

264 63.6 49.5 74.3

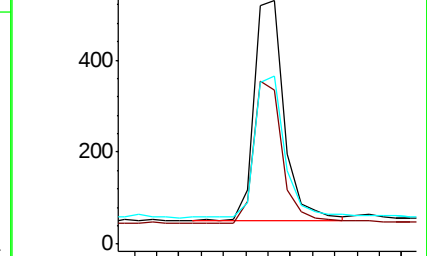
268 65.0 53.0 79.4



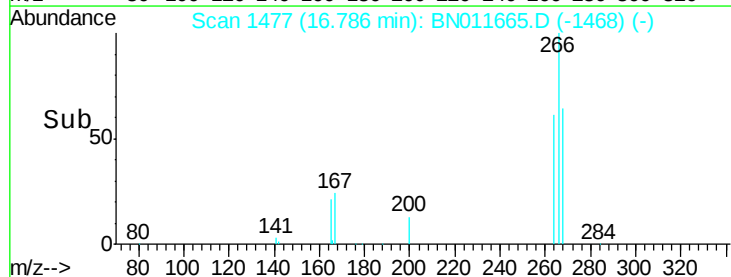
Abundance Ion 266.00 (265.70 to 266.70): E

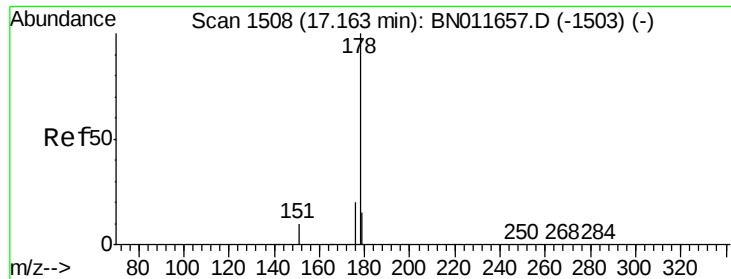
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#25

Phenanthrene

Concen: 0.356 ng

RT: 17.18 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

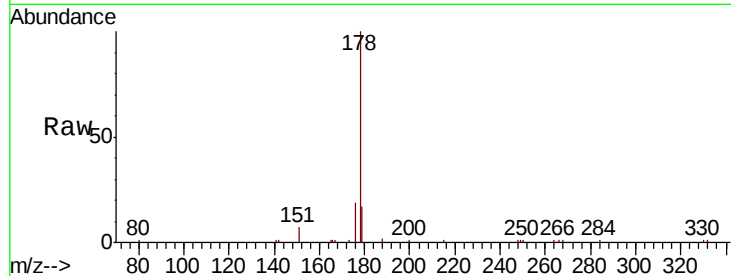
Tot Ion:178 Resp: 10651

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

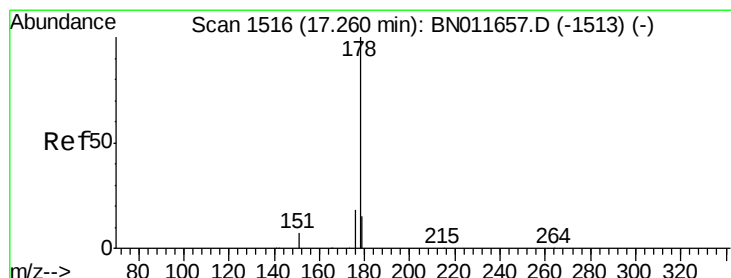
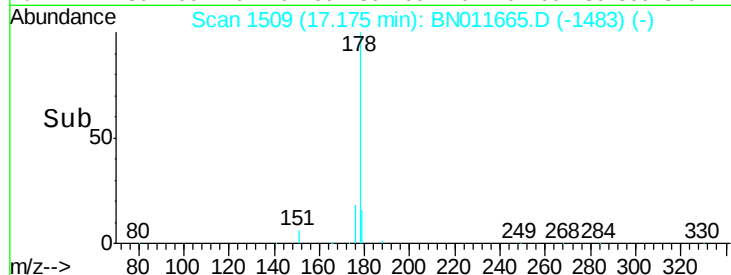
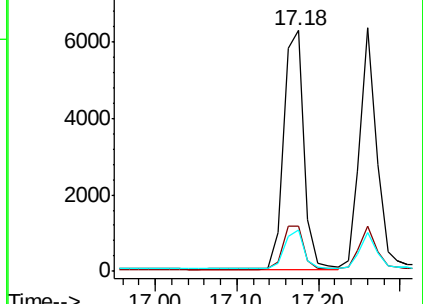
179 15.7 12.4 18.6



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: 0.345 ng

RT: 17.26 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

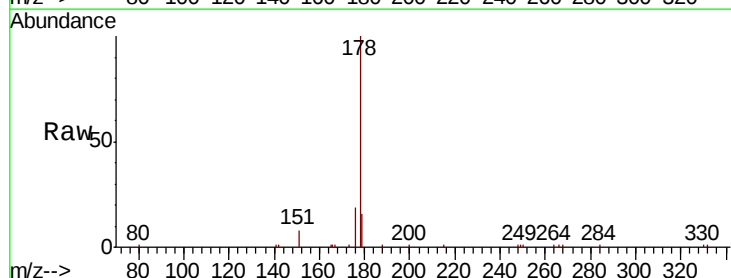
Tgt Ion:178 Resp: 9181

Ion Ratio Lower Upper

178 100

176 17.8 14.5 21.7

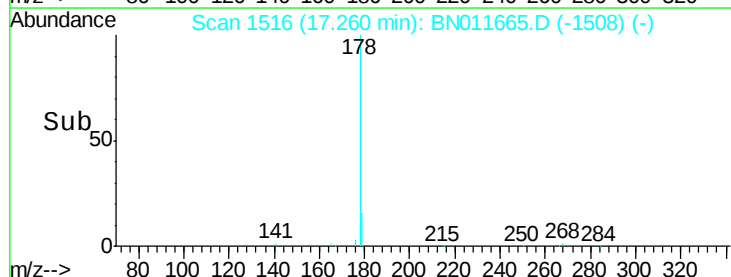
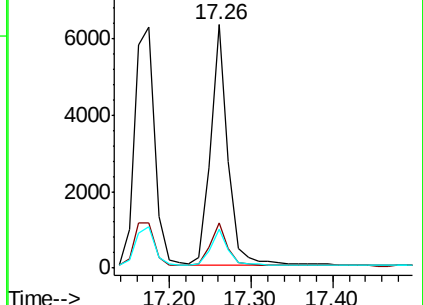
179 15.0 12.2 18.4

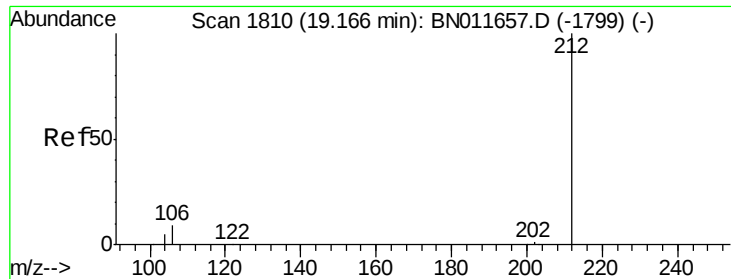


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

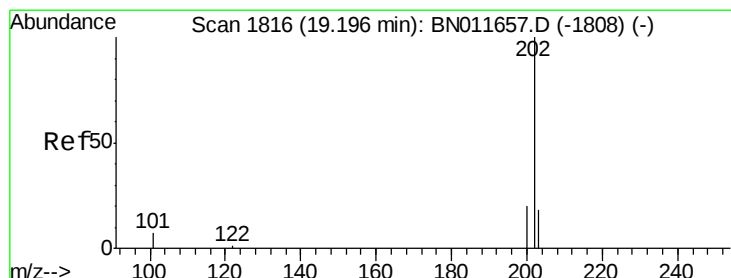
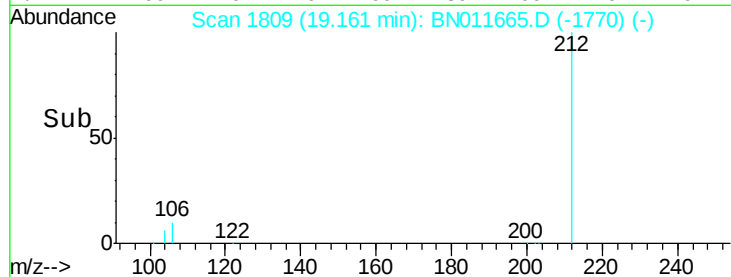
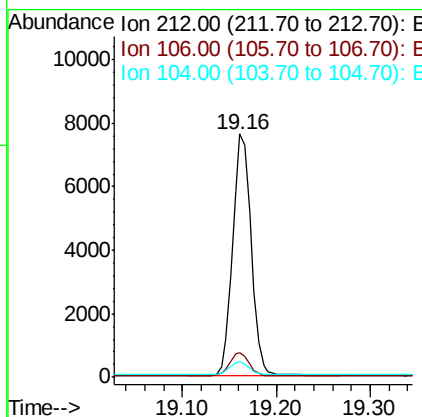
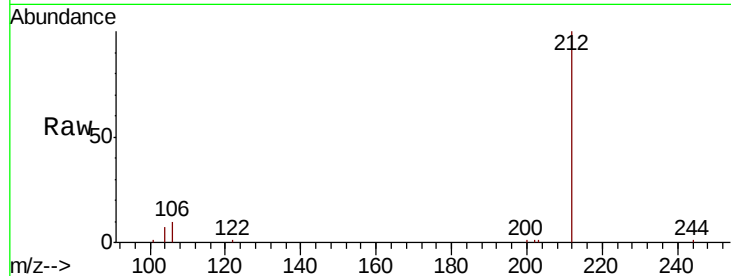




#27
 Fluoranthene-d10
 Concen: 0.351 ng
 RT: 19.16 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BN011665.D
 Acq: 27 Aug 2020 15:42

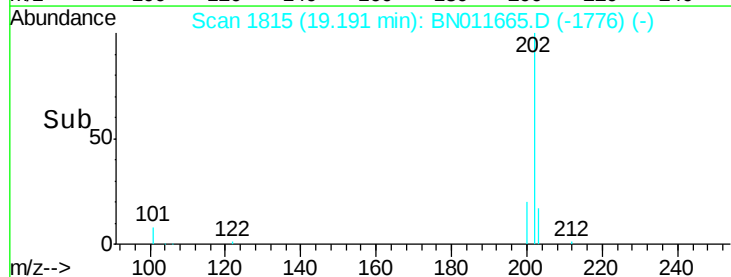
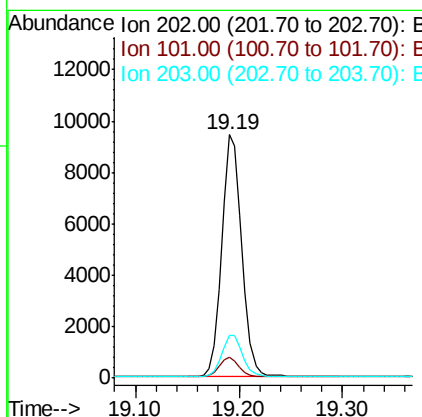
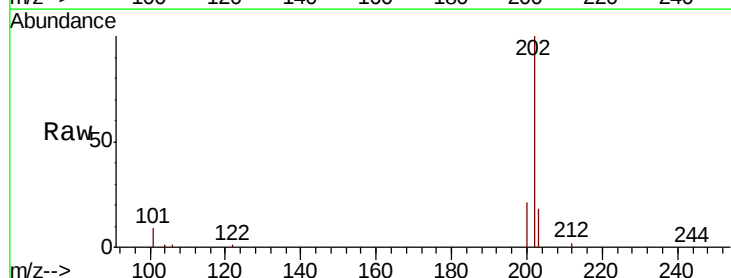
Instrument :
 BNA_N
 ClientSampleId :
 PB131164BSD

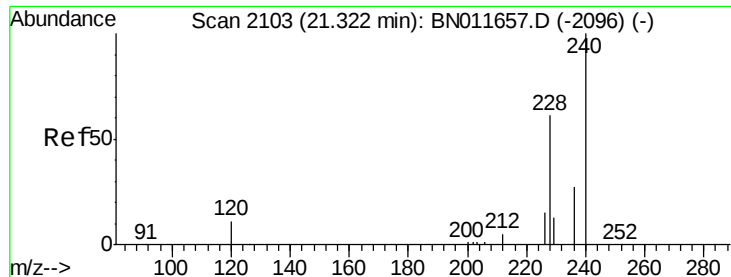
Tot Ion:212 Resp: 10429
 Ion Ratio Lower Upper
 212 100
 106 9.3 7.6 11.4
 104 5.4 4.6 6.8



#28
 Fluoranthene
 Concen: 0.352 ng
 RT: 19.19 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BN011665.D
 Acq: 27 Aug 2020 15:42

Tgt Ion:202 Resp: 12502
 Ion Ratio Lower Upper
 202 100
 101 8.1 6.5 9.7
 203 17.4 13.8 20.6

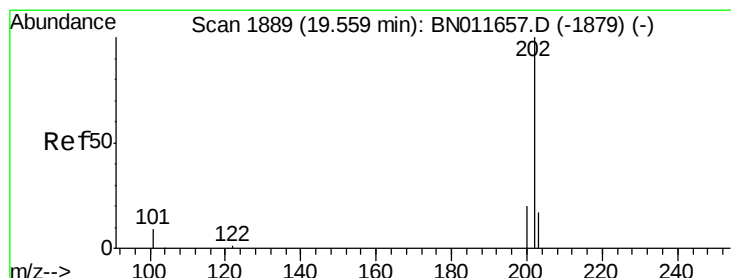
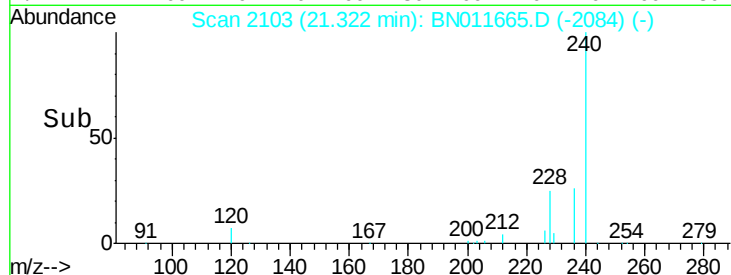
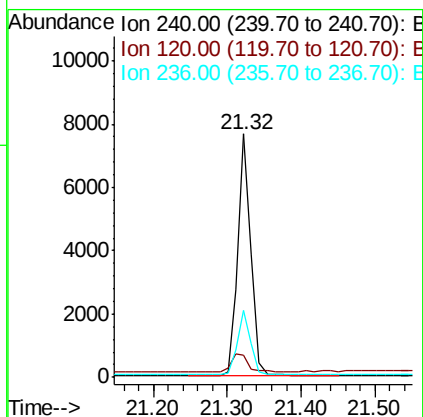
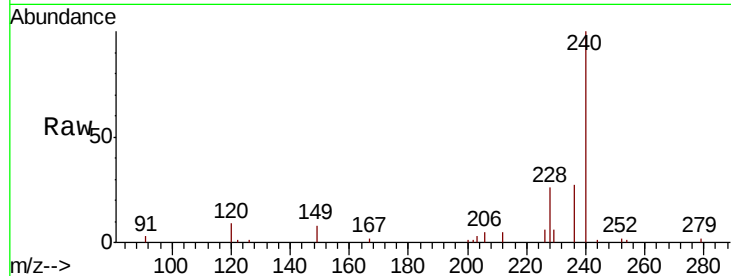




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BN011665.D
Acq: 27 Aug 2020 15:42

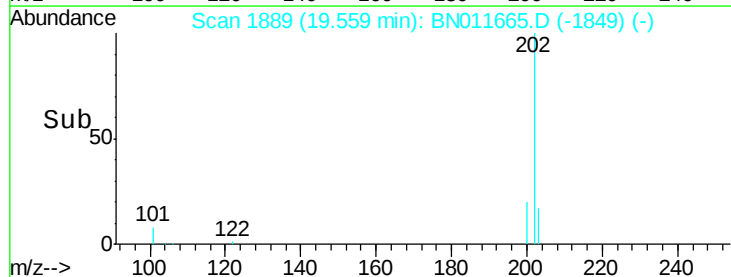
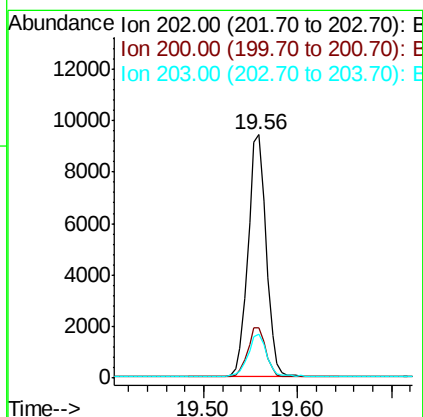
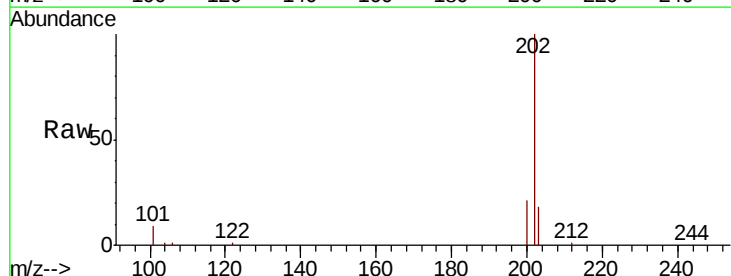
Instrument :
BNA_N
ClientSampleId :
PB131164BSD

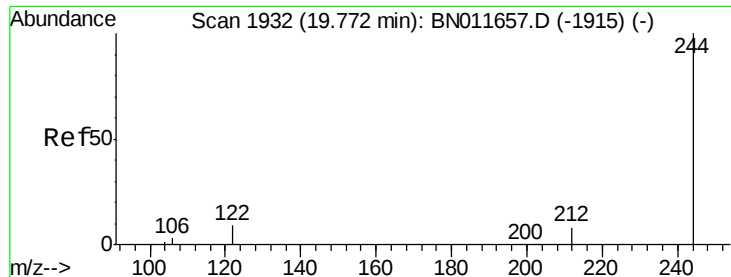
Tot Ion:240 Resp: 9507
Ion Ratio Lower Upper
240 100
120 8.9 9.9 14.9#
236 27.3 22.2 33.4



#30
Pyrene
Concen: 0.382 ng
RT: 19.56 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BN011665.D
Acq: 27 Aug 2020 15:42

Tgt Ion:202 Resp: 12612
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.8 14.1 21.1





#31

Terphenyl-d14

Concen: 0.386 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

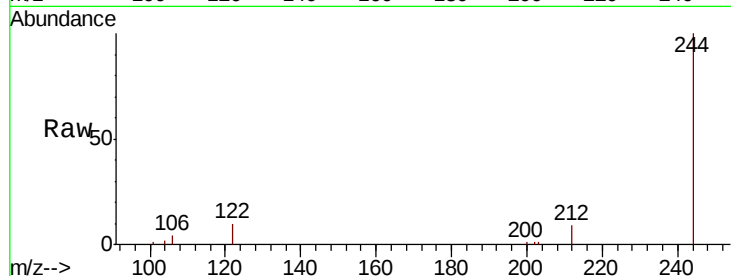
Tot Ion:244 Resp: 9098

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

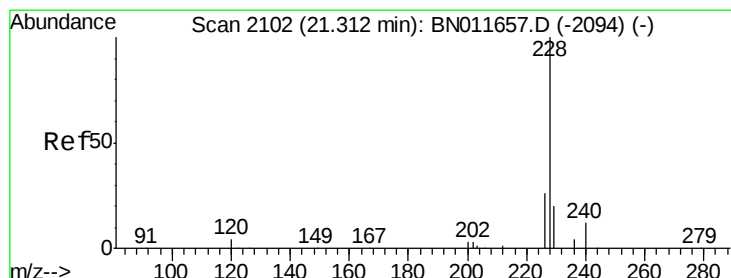
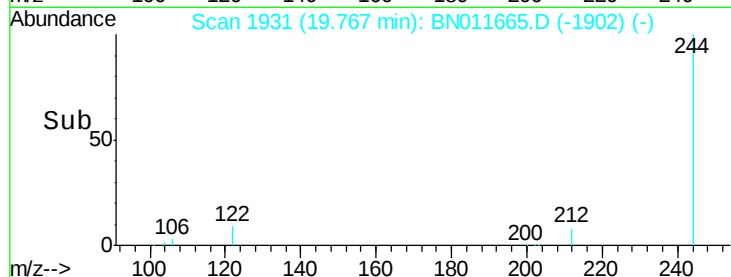
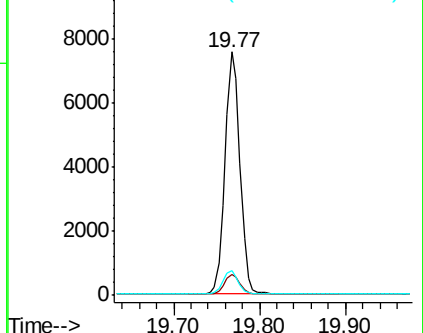
122 9.9 7.4 11.2



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: 0.369 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

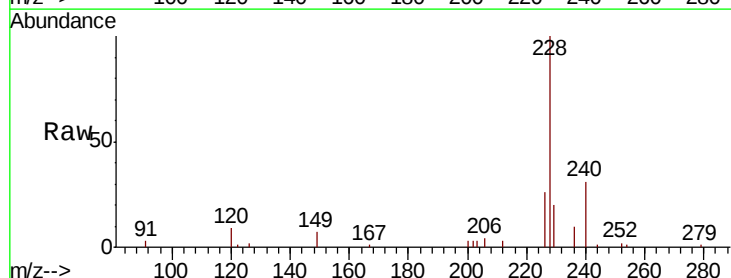
Tgt Ion:228 Resp: 12529

Ion Ratio Lower Upper

228 100

226 25.9 21.2 31.8

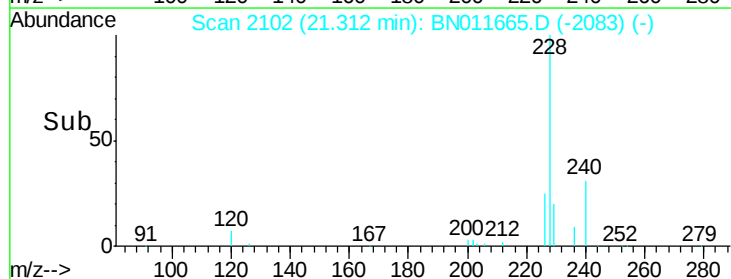
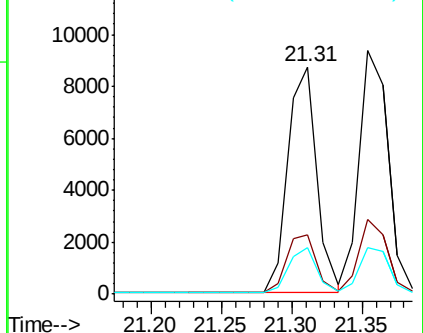
229 20.4 16.0 24.0

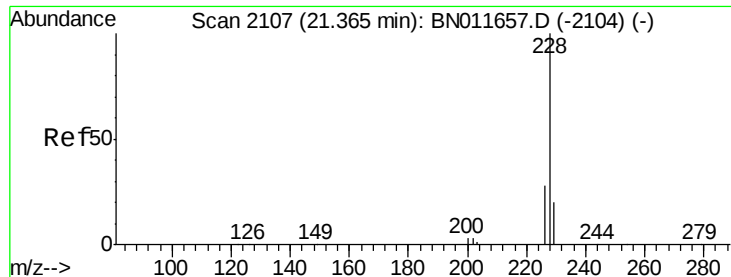


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

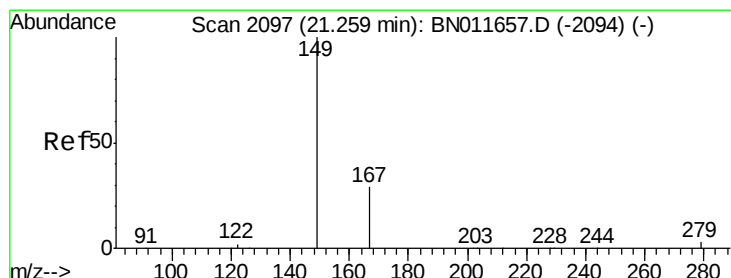
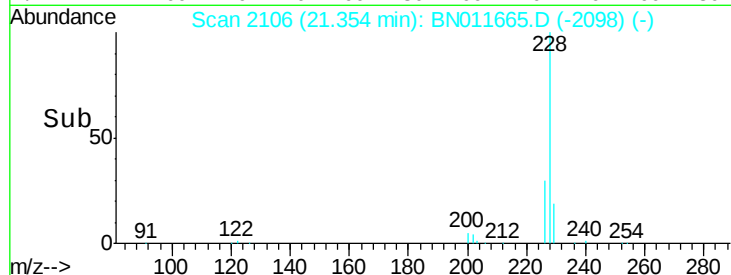
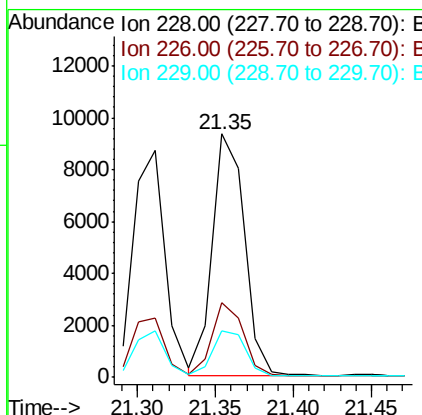
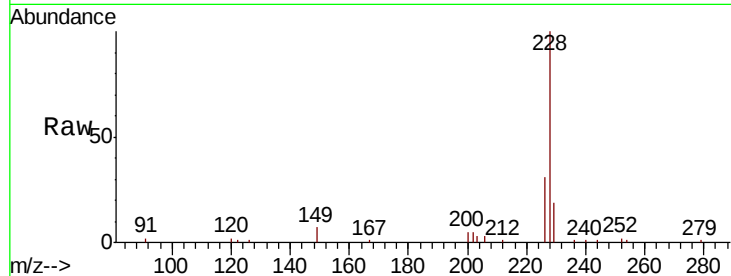




#33
Chrysene
Concen: 0.377 ng
RT: 21.35 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN011665.D
Acq: 27 Aug 2020 15:42

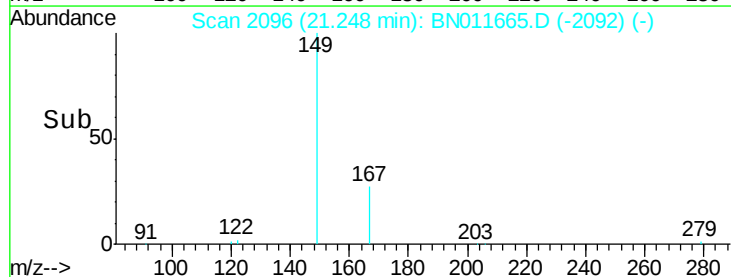
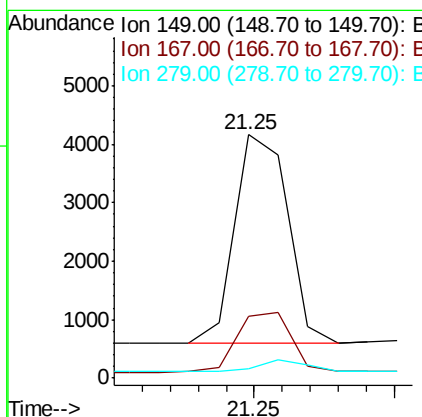
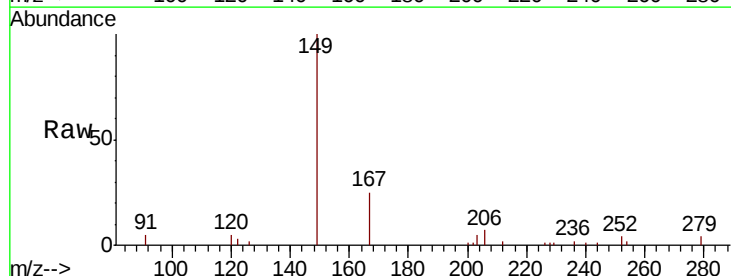
Instrument :
BNA_N
ClientSampleId :
PB131164BSD

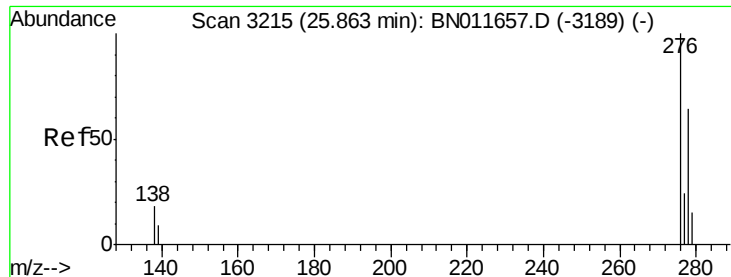
Tot Ion:228 Resp: 13204
Ion Ratio Lower Upper
228 100
226 30.6 22.7 34.1
229 19.3 15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.343 ng
RT: 21.25 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BN011665.D
Acq: 27 Aug 2020 15:42

Tgt Ion:149 Resp: 4738
Ion Ratio Lower Upper
149 100
167 28.8 23.2 34.8
279 4.9 4.0 6.0

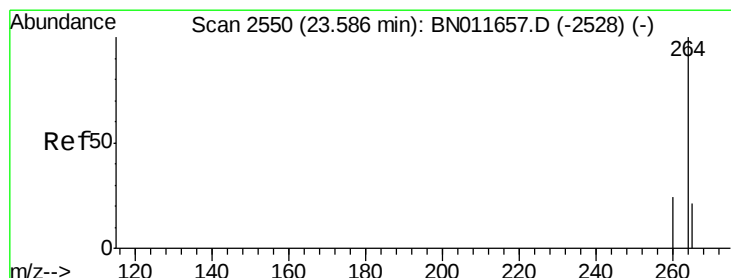
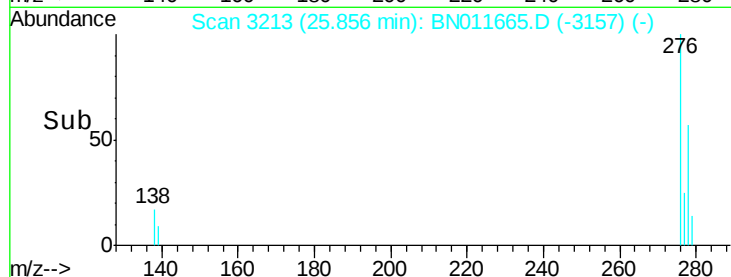
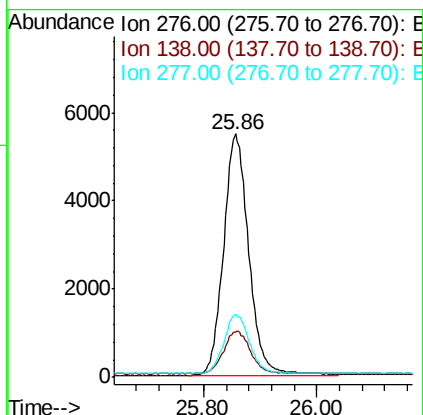
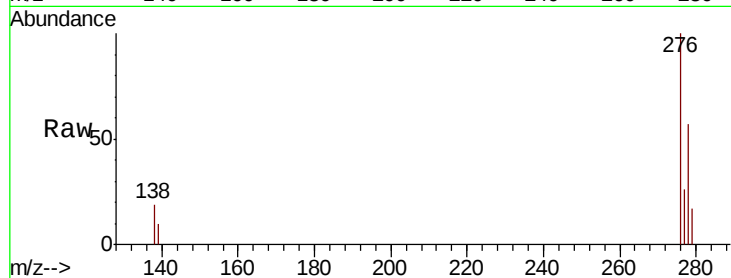




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.370 ng
 RT: 25.86 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BN011665.D
 Acq: 27 Aug 2020 15:42

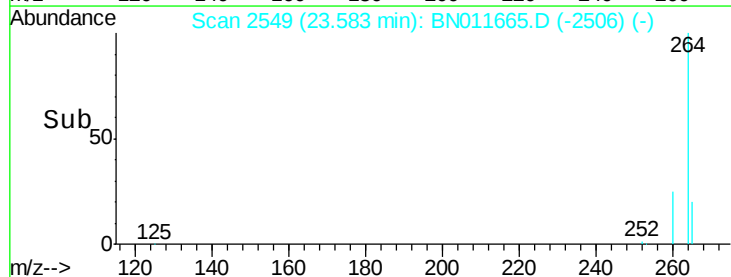
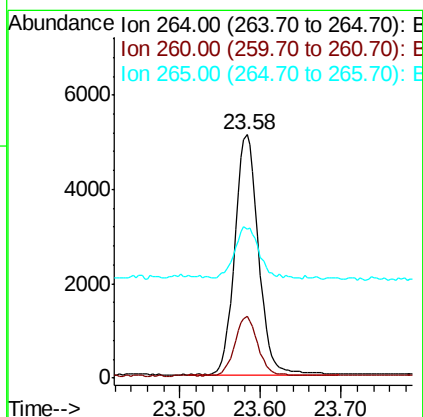
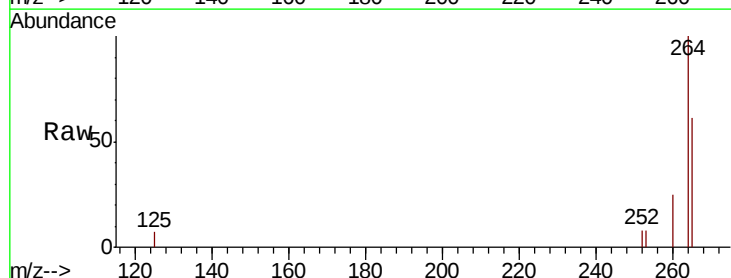
Instrument :
 BNA_N
 ClientSampleId :
 PB131164BSD

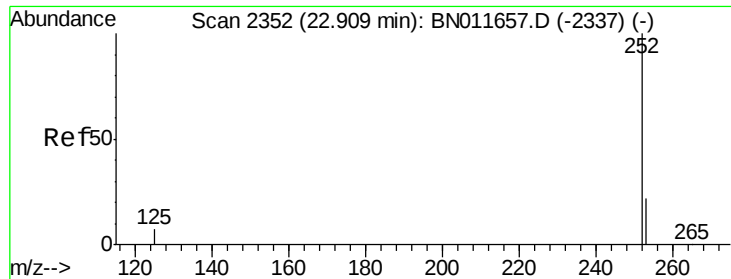
Tot Ion:276 Resp: 16876
 Ion Ratio Lower Upper
 276 100
 138 18.7 15.4 23.2
 277 24.7 20.1 30.1



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BN011665.D
 Acq: 27 Aug 2020 15:42

Tgt Ion:264 Resp: 10327
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.8 29.6
 265 61.4 38.9 58.3#





#37

Benzo(b)fluoranthene

Concen: 0.348 ng

RT: 22.91 min Scan# 2351

Delta R.T. -0.00 min

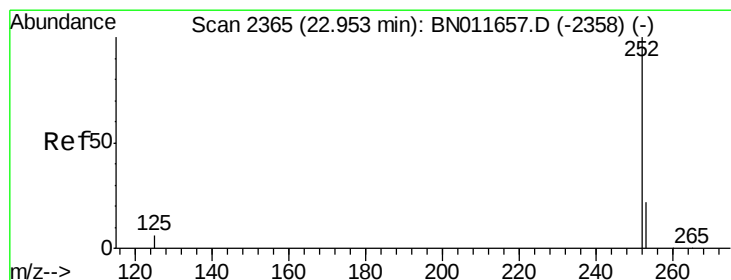
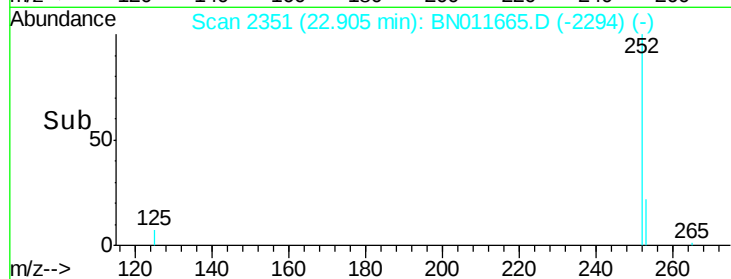
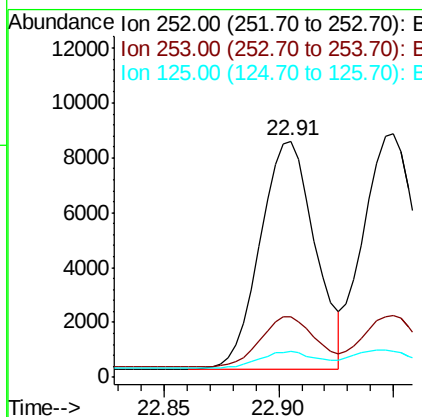
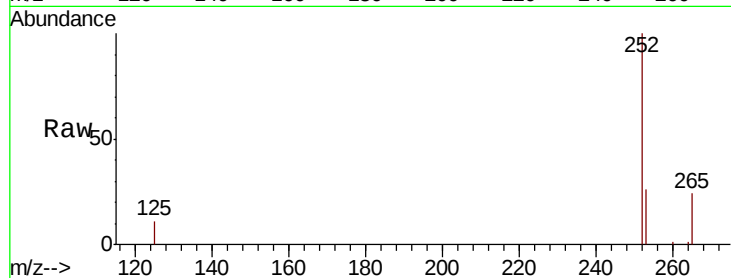
Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :
BNA_N
ClientSampleId :
PB131164BSD

Tot Ion:252 Resp: 13773

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.7	29.5
125	10.9	7.8	11.8



#38

Benzo(k)fluoranthene

Concen: 0.354 ng

RT: 22.95 min Scan# 2364

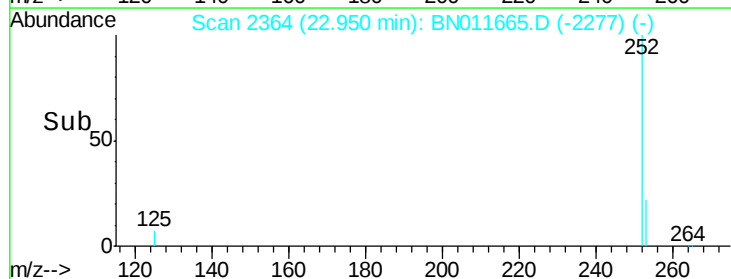
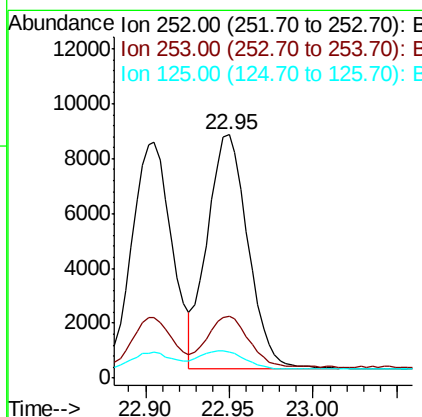
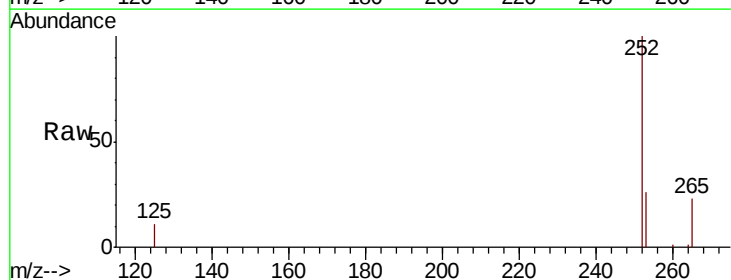
Delta R.T. -0.00 min

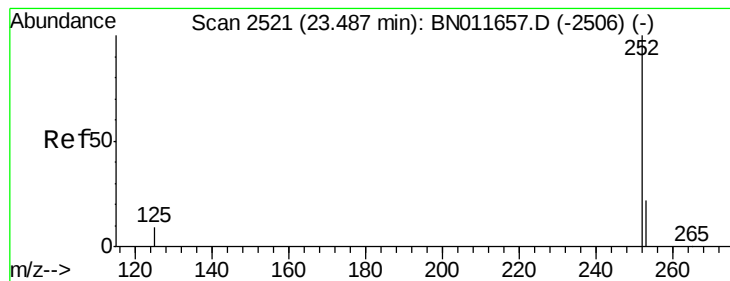
Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Tgt Ion:252 Resp: 14348

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.4	29.0
125	10.7	8.4	12.6





#39

Benzo(a)pyrene

Concen: 0.342 ng

RT: 23.48 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

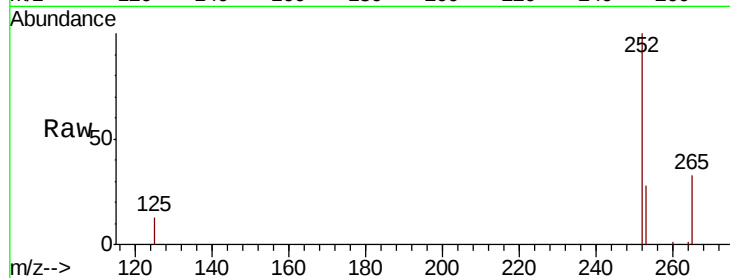
Tot Ion:252 Resp: 12117

Ion Ratio Lower Upper

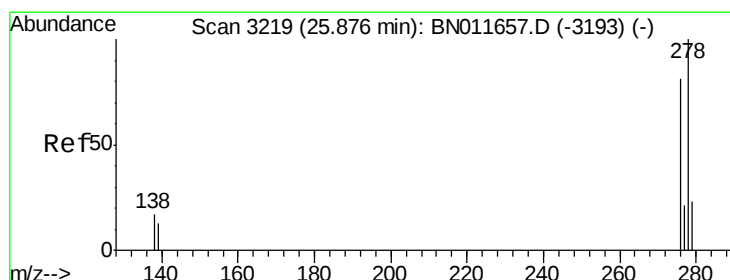
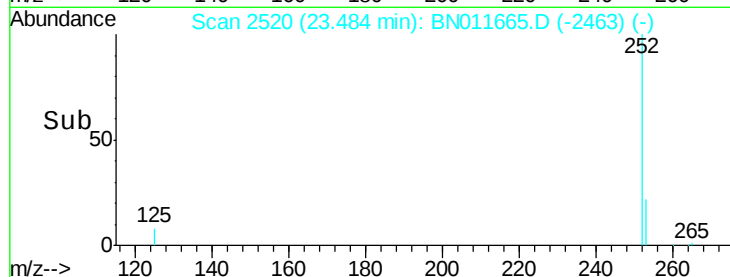
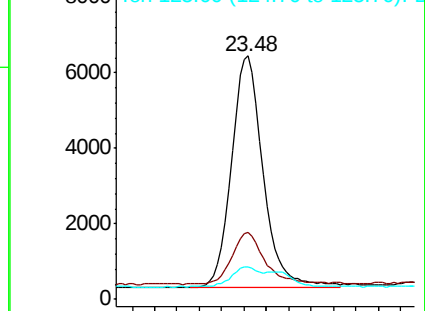
252 100

253 27.5 20.3 30.5

125 13.1 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: 0.348 ng

RT: 25.87 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

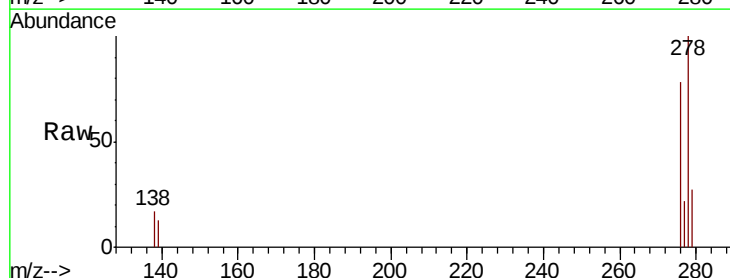
Tgt Ion:278 Resp: 13918

Ion Ratio Lower Upper

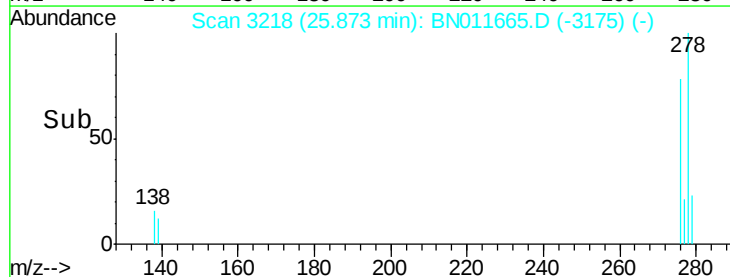
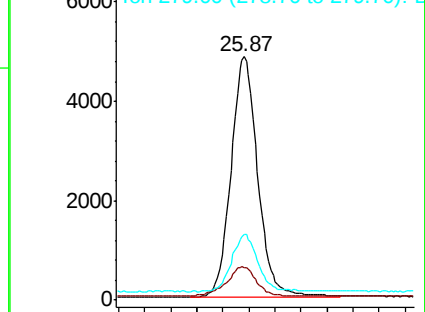
278 100

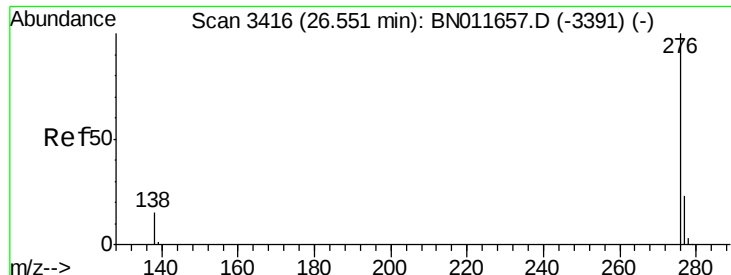
139 13.2 11.0 16.6

279 26.9 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: 0.343 ng

RT: 26.54 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BN011665.D

Acq: 27 Aug 2020 15:42

Instrument :

BNA_N

ClientSampleId :

PB131164BSD

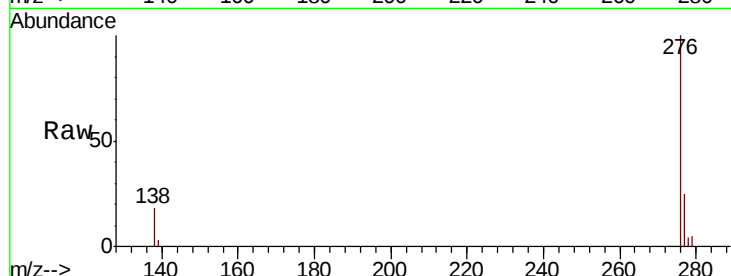
Tot Ion: 276 Resp: 13442

Ion Ratio Lower Upper

276 100

277 25.3 19.7 29.5

138 17.8 13.4 20.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

