

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011452.D
 Acq On : 17 Aug 2020 14:28
 Operator : CG/JU
 Sample : L3611-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFK6

Quant Time: Aug 17 15:14:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 14 15:37:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	135035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	502938	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.07	164	307769	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	709811	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	721079	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	742080	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	9793	3.48	ng/uL	0.00
5) Phenol-d5	6.63	99	202973	21.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	104392	21.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	177962	20.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	152257	19.64	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	88454	22.69	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.28	143	89590	20.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	170512	20.59	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.33	131	155876	15.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	604068	25.21	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	647722	22.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	81122	19.98	ng/ul	0.00
58) Fluorene-d10	15.07	176	486856	23.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	78626	16.70	ng/ul	0.00
71) Anthracene-d10	16.92	188	900051	26.54	ng/ul	0.00
79) Pyrene-d10	19.23	212	950946	25.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.03	264	1119801	27.17	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.14	88	60712	16.743	ng/uL	91
4) Benzaldehyde	6.60	77	186125	29.882	ng/ul	97
6) Phenol	6.66	94	276341	28.385	ng/ul	97
10) 2-Chlorophenol	7.00	128	156233	17.690	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.23	70	115325	21.233	ng/ul	98
20) Nitrobenzene	8.61	77	164567	17.275	ng/ul	97
23) 2-Nitrophenol	9.31	139	80897	16.547	ng/ul	95
27) 2,4-Dichlorophenol	9.84	162	145602	17.306	ng/ul	97
28) Naphthalene	10.23	128	343991	12.256	ng/ul	98
30) 4-Chloroaniline	10.23	127	45089	4.550	ng/ul#	19
31) Hexachlorobutadiene	10.52	225	117935	17.212	ng/ul	95
33) 4-Chloro-3-methylphenol	11.48	107	245556	30.737	ng/ul	96
35) 1-Methylnaphthalene	12.07	142	343403	18.209	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	155420	14.427	ng/ul	96
39) 2,4,6-Trichlorophenol	12.48	196	167642	26.590	ng/ul	98
40) 2,4,5-Trichlorophenol	12.48	196	142958	20.882	ng/ul	95
41) 1,1'-Biphenyl	12.89	154	495755	20.070	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	234815	11.749	ng/ul	99
45) Dimethylphthalate	13.54	163	505517	20.551	ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	99064	20.568	ng/ul	97
50) Acenaphthene	14.13	153	339193	16.221	ng/ul	96
53) 4-Nitrophenol	14.31	109	73798	19.069	ng/ul	91
54) Dibenzofuran	14.47	168	460865	15.197	ng/ul	96

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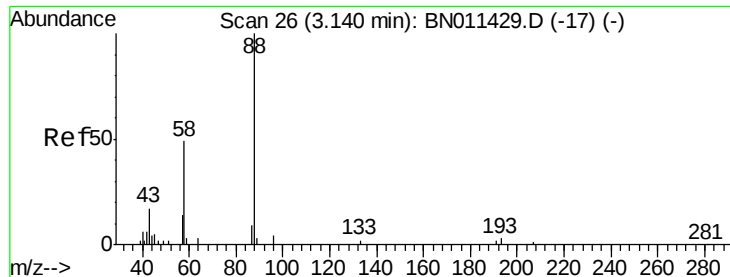
Instrument :
 BNA_N
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) 2,3,4,6-Tetrachlorophenol	14.71	232	108662	19.011	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.13	204	162481	12.741	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.22	198	149446	29.294	ng/ul	94
67) Hexachlorobenzene	16.13	284	144500	16.079	ng/ul	96
68) Atrazine	16.49	200	27388	3.312	ng/ul#	39
69) Pentachlorophenol	16.49	266	154301	29.953	ng/ul#	81
70) Phenanthrene	16.86	178	643998	15.296	ng/ul	98
72) Anthracene	16.96	178	740766	17.372	ng/ul	98
75) Carbazole	17.23	167	630163	17.573	ng/ul	98
76) Di-n-butylphthalate	17.82	149	607889	14.911	ng/ul	99
77) Fluoranthene	18.90	202	1597278	31.005	ng/ul	99
80) Pyrene	19.26	202	1168299	23.024	ng/ul	99
81) Butylbenzylphthalate	20.20	149	276172	16.133	ng/ul	95
83) Benzo(a)anthracene	21.03	228	1466444	30.568	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	494670	19.163	ng/ul	98
85) Chrysene	21.09	228	1006636	21.125	ng/ul	99
88) Benzo(b)fluoranthene	22.54	252	1115250	21.497	ng/ul	99
89) Benzo(k)fluoranthene	22.54	252	1115250	21.645	ng/ul	97
91) Benzo(a)pyrene	23.07	252	940970	19.685	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.21	276	1350908	22.050	ng/ul	98
93) Dibenzo(a,h)anthracene	25.23	278	876920	17.096	ng/ul	97

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



#2

1,4-Dioxane

Concen: 16.743 ng/uL

RT: 3.14 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Instrument :

BNA_N

ClientSampleId :

DBFK6

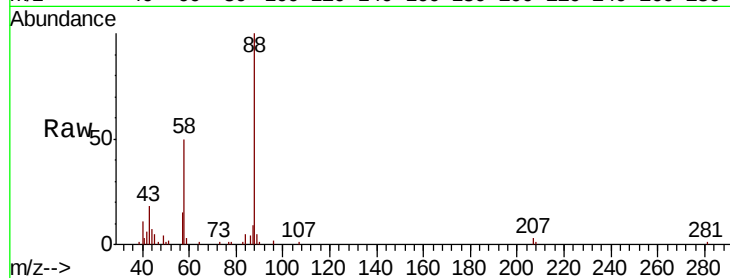
Tot Ion: 88 Resp: 60712

Ion Ratio Lower Upper

88 100

43 17.6 14.6 21.8

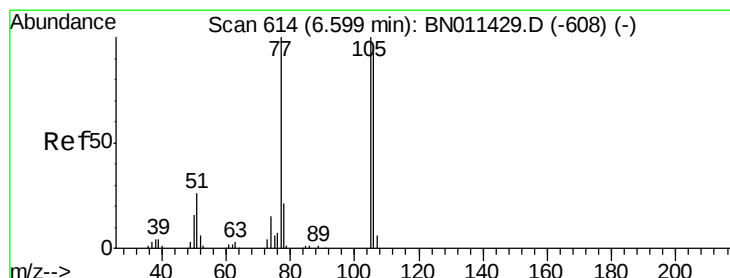
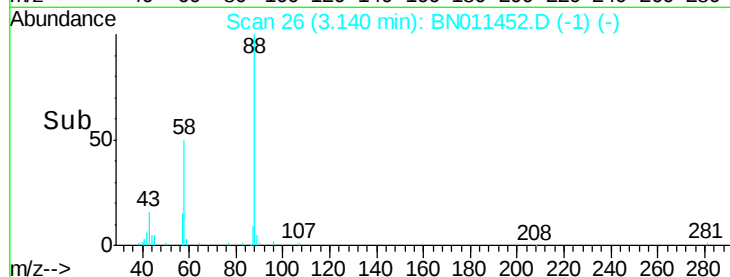
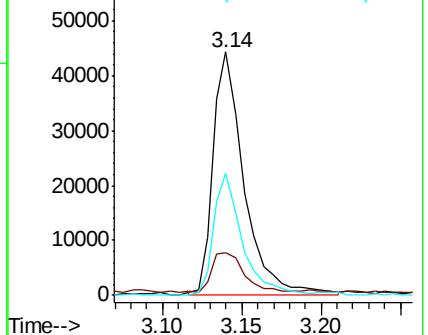
58 49.9 33.8 50.8



Abundance Ion 88.00 (87.70 to 88.70): BN011452.D (-17) (-)

Ion 43.00 (42.70 to 43.70): BN011452.D (-17) (-)

Ion 58.00 (57.70 to 58.70): BN011452.D (-17) (-)



#4

Benzaldehyde

Concen: 29.882 ng/uL

RT: 6.60 min Scan# 614

Delta R.T. -0.01 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

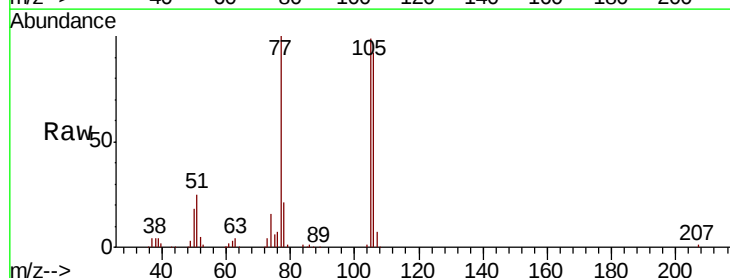
Tgt Ion: 77 Resp: 186125

Ion Ratio Lower Upper

77 100

105 99.4 77.8 116.6

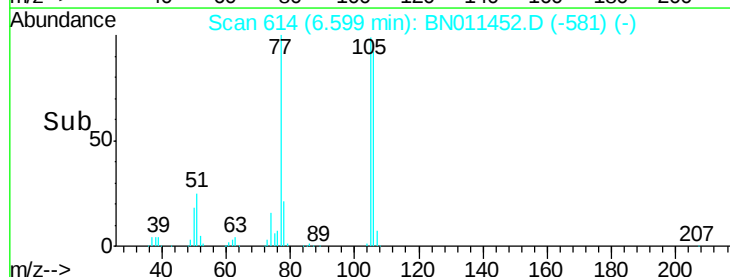
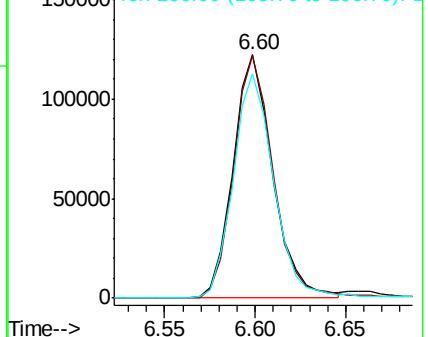
106 92.4 77.5 116.3

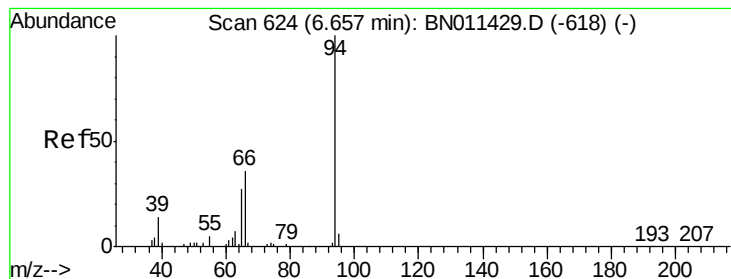


Abundance Ion 77.00 (76.70 to 77.70): BN011452.D (-608) (-)

Ion 105.00 (104.70 to 105.70): BN011452.D (-608) (-)

Ion 106.00 (105.70 to 106.70): BN011452.D (-608) (-)





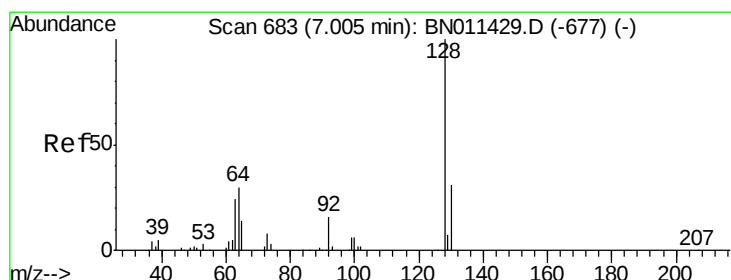
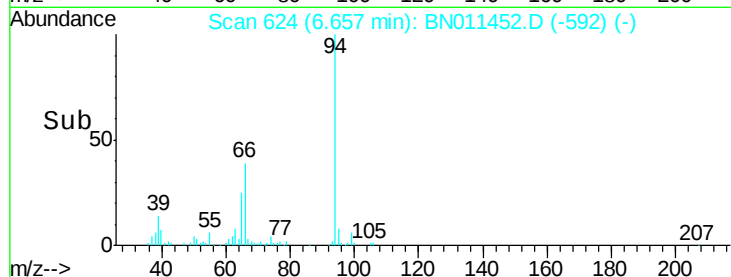
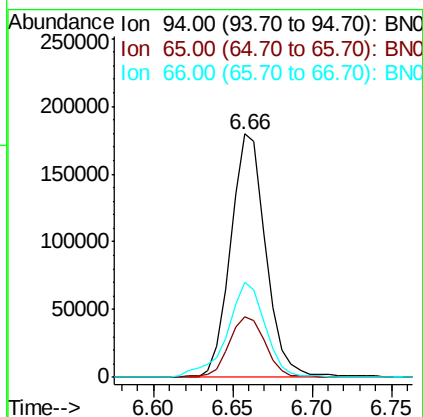
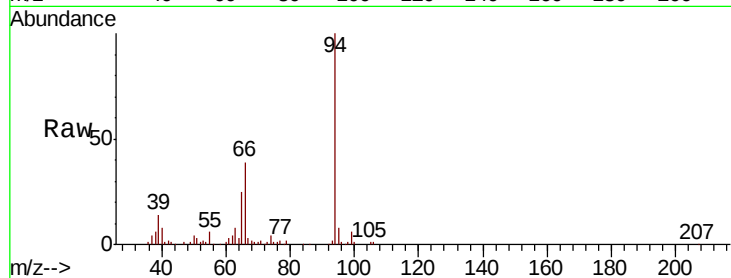
#6

Phenol

Concen: 28.385 ng/ul
 RT: 6.66 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BN011452.D
 Acq: 17 Aug 2020 14:28

Instrument :
 BNA_N
 ClientSampleId :
 DBFK6

Tot Ion	Ratio	Lower	Upper
94	100		
65	25.0	22.1	33.1
66	39.0	32.1	48.1

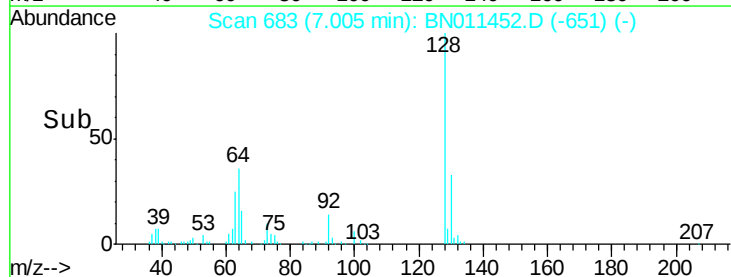
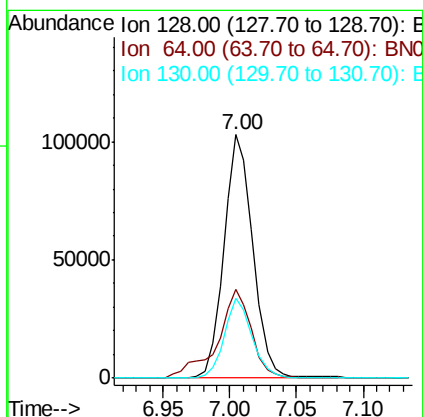
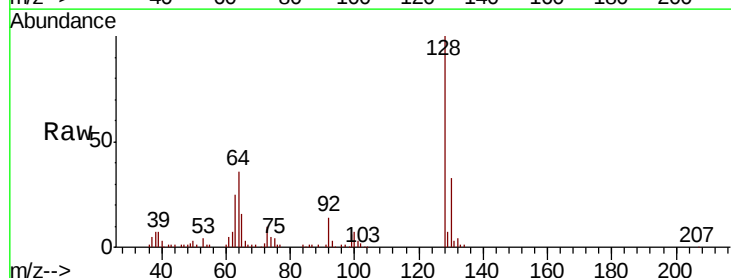


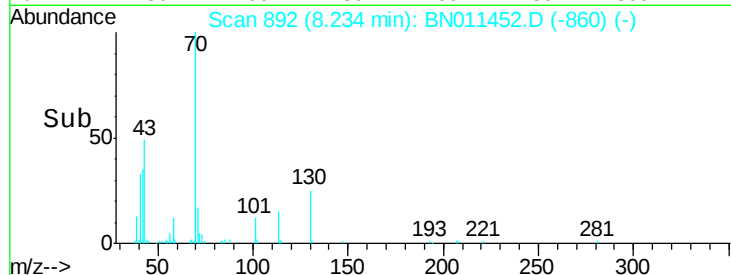
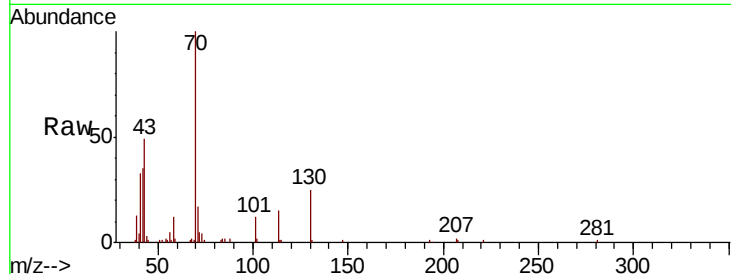
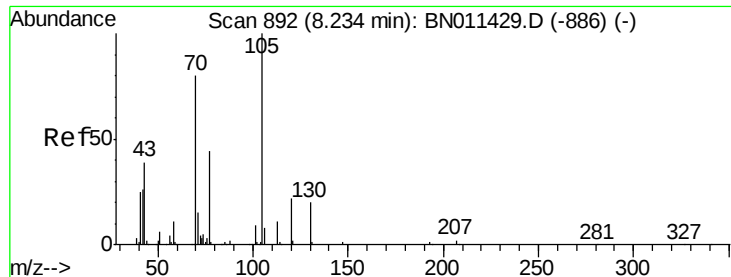
#10

2-Chlorophenol

Concen: 17.690 ng/ul
 RT: 7.00 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BN011452.D
 Acq: 17 Aug 2020 14:28

Tgt Ion	Ratio	Lower	Upper
128	100		
64	36.3	25.4	38.0
130	32.9	26.3	39.5

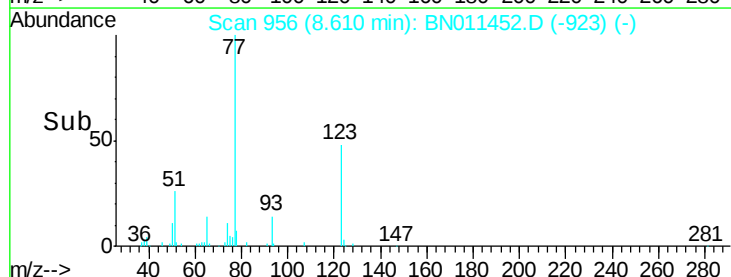
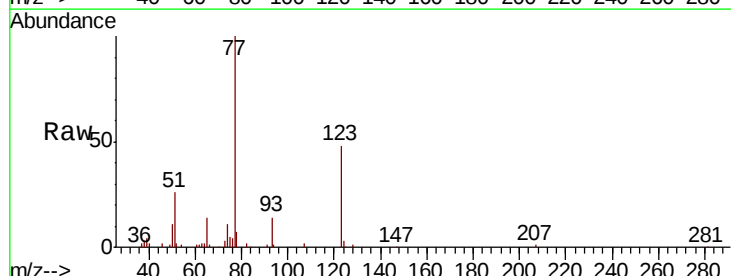
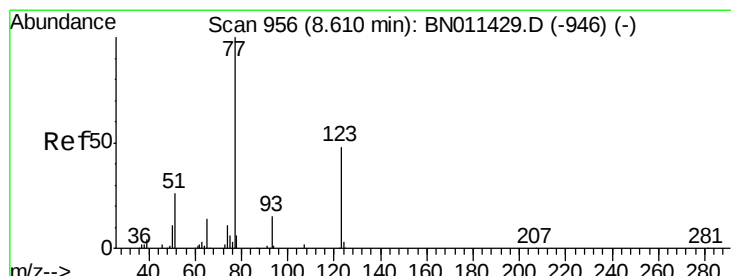
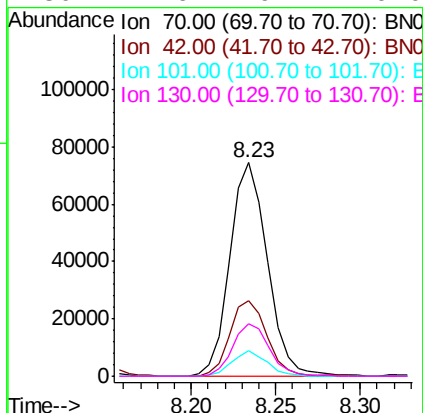




#15
N-Nitroso-di-n-propylamine
Concen: 21.233 ng/ul
RT: 8.23 min Scan# 892
Delta R.T. -0.01 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

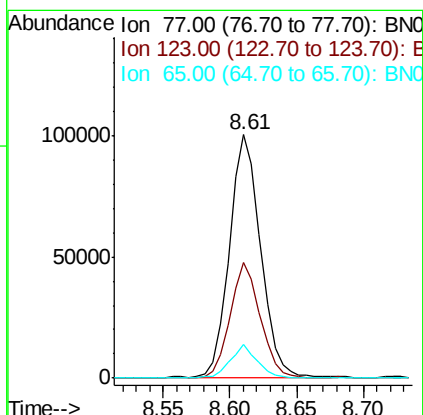
Instrument :
BNA_N
ClientSampleId :
DBFK6

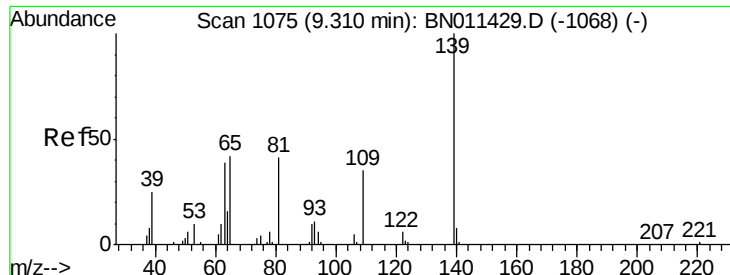
Tot Ion:	70	Resp:	115325
Ion	Ratio	Lower	Upper
70	100		
42	35.2	27.2	40.8
101	12.0	8.3	12.5
130	24.6	19.4	29.0



#20
Nitrobenzene
Concen: 17.275 ng/ul
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Tgt Ion:	77	Resp:	164567
Ion	Ratio	Lower	Upper
77	100		
123	47.6	36.3	54.5
65	13.8	9.8	14.8





#23

2-Nitrophenol

Concen: 16.547 ng/ul

RT: 9.31 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Instrument :

BNA_N

ClientSampleId :

DBFK6

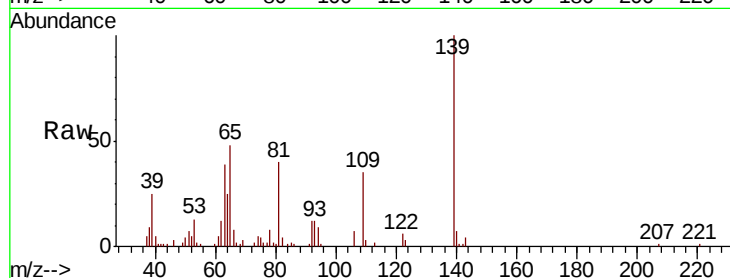
Tot Ion:139 Resp: 80897

Ion Ratio Lower Upper

139 100

65 47.6 35.6 53.4

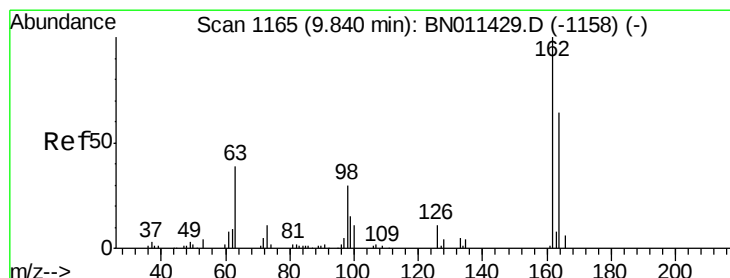
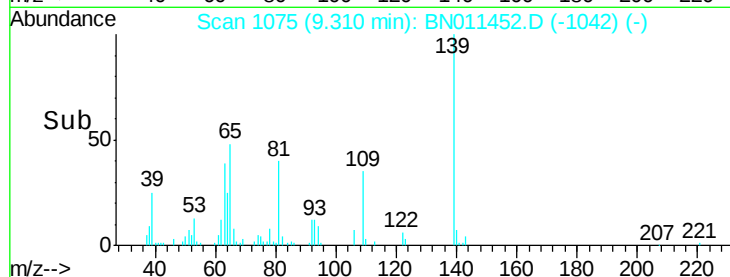
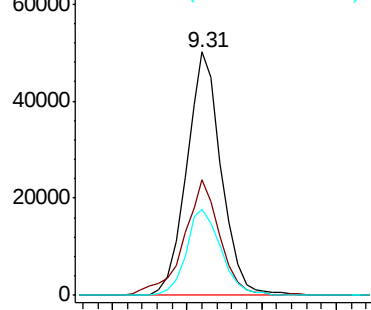
109 35.3 31.0 46.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

Ion 109.00 (108.70 to 109.70): E



#27

2,4-Dichlorophenol

Concen: 17.306 ng/ul

RT: 9.84 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

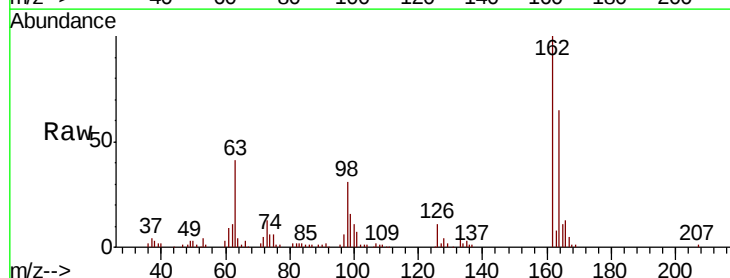
Tgt Ion:162 Resp: 145602

Ion Ratio Lower Upper

162 100

164 65.3 54.6 82.0

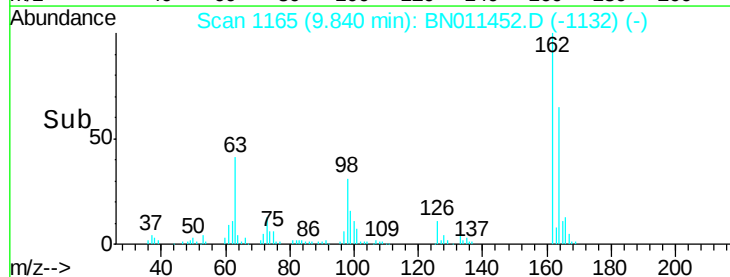
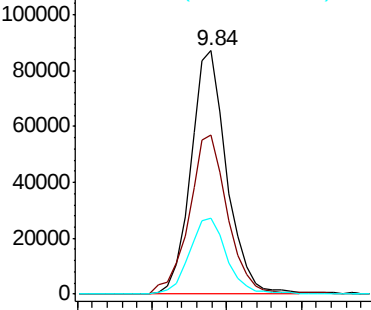
98 31.0 24.6 37.0

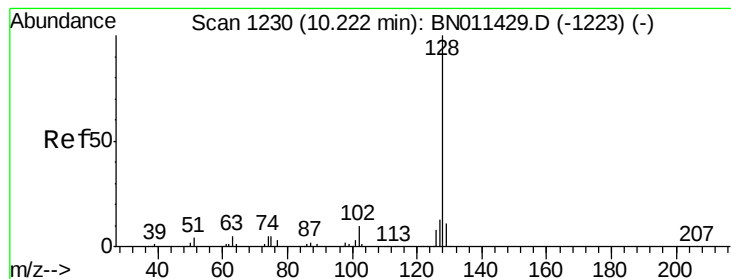


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNO





#28

Naphthalene

Concen: 12.256 ng/ul

RT: 10.23 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BN011452.D

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Instrument :

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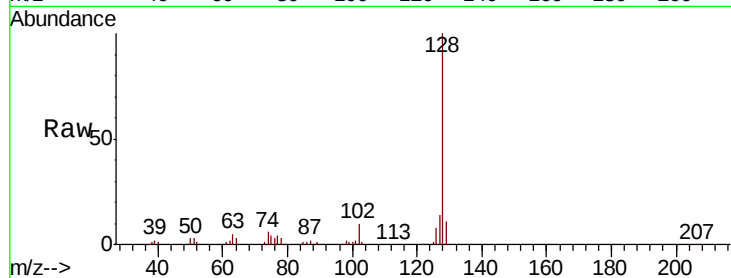
Tot Ion:128 Resp: 343991

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

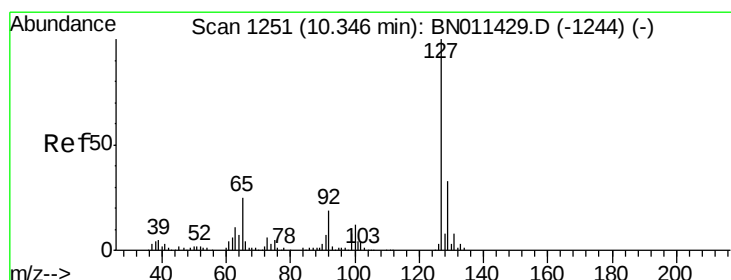
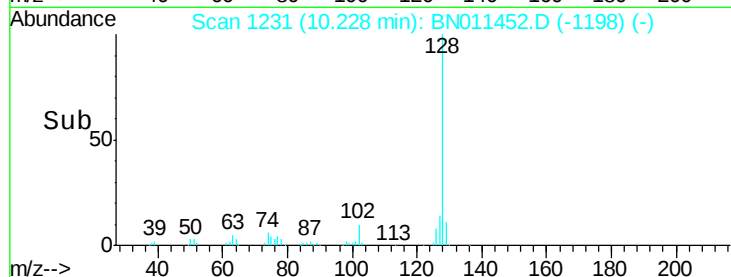
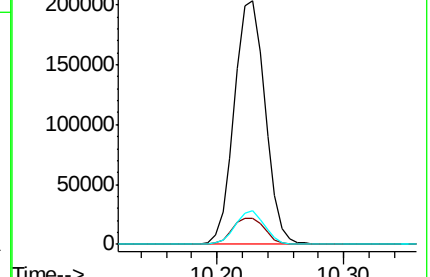
127 13.6 10.2 15.2



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



#30

4-Chloroaniline

Concen: 4.550 ng/ul

RT: 10.23 min Scan# 1231

Delta R.T. -0.13 min

Lab File: BN011452.D

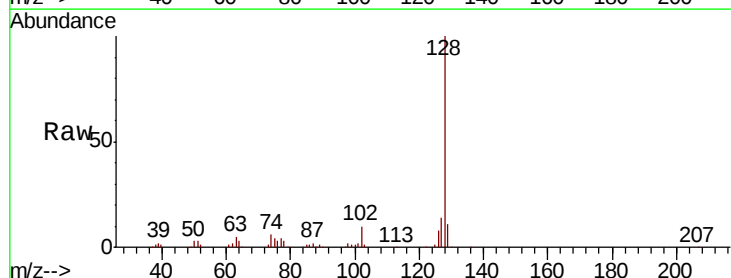
Acq: 17 Aug 2020 14:28

Tgt Ion:127 Resp: 45089

Ion Ratio Lower Upper

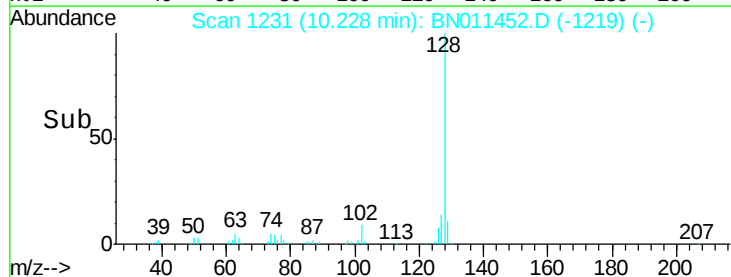
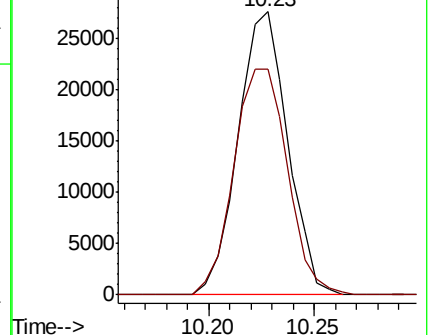
127 100

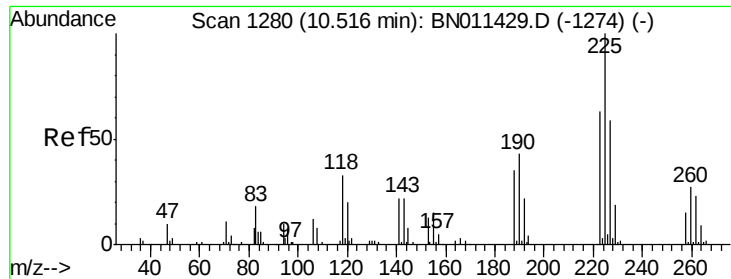
129 79.7 26.9 40.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

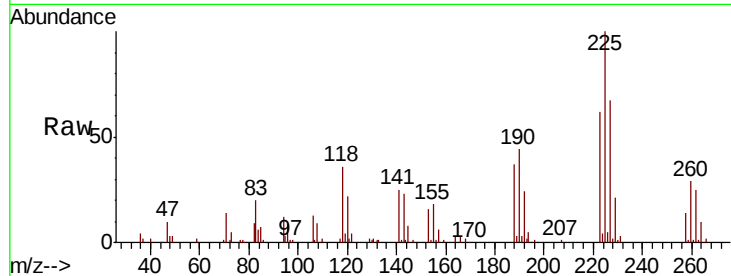




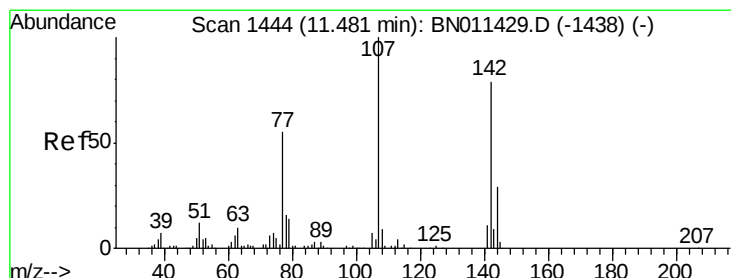
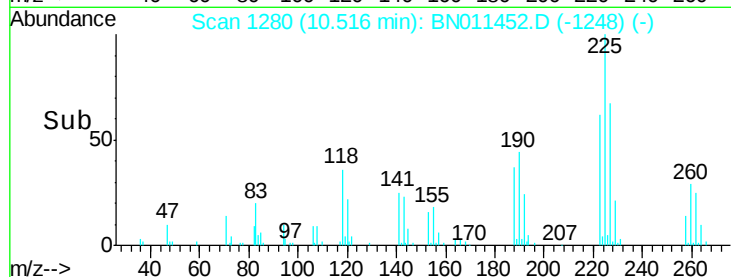
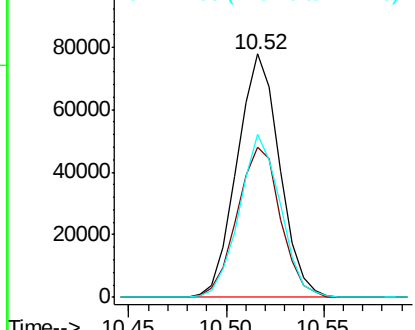
#31
Hexachlorobutadiene
Concen: 17.212 ng/ul
RT: 10.52 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Instrument :
BNA_N
ClientSampled :
DBFK6

Tot Ion:225 Resp: 117935
Ion Ratio Lower Upper
225 100
223 61.8 48.1 72.1
227 66.9 48.6 73.0

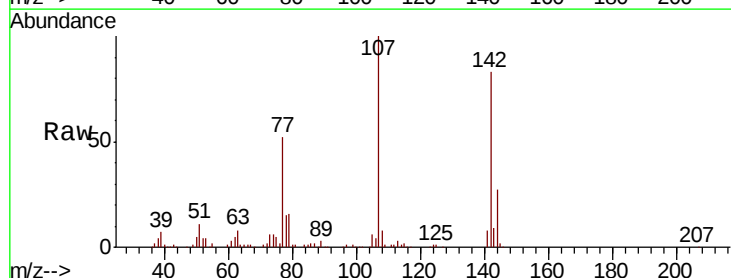


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

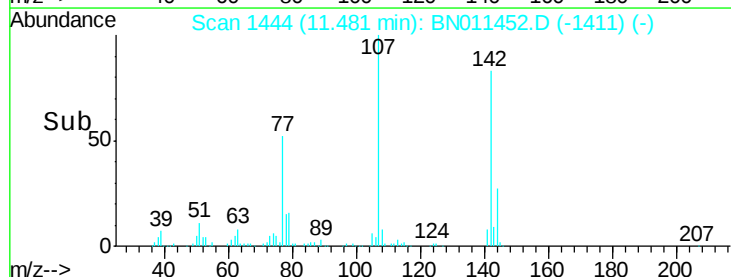
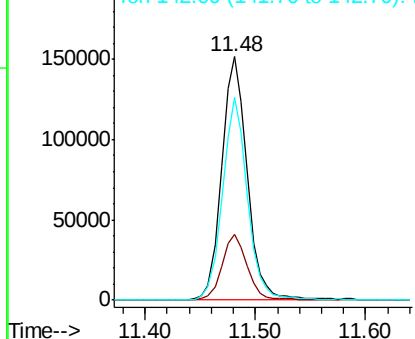


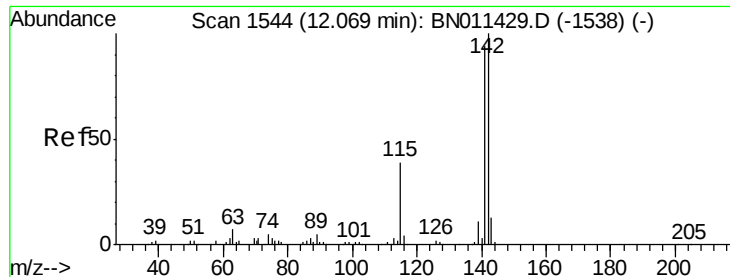
#33
4-Chloro-3-methylphenol
Concen: 30.737 ng/ul
RT: 11.48 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Tgt Ion:107 Resp: 245556
Ion Ratio Lower Upper
107 100
144 26.8 22.2 33.4
142 83.5 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

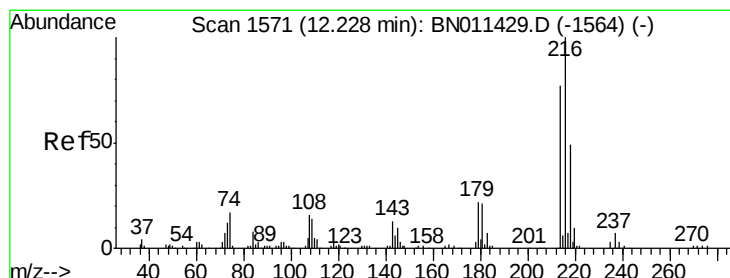
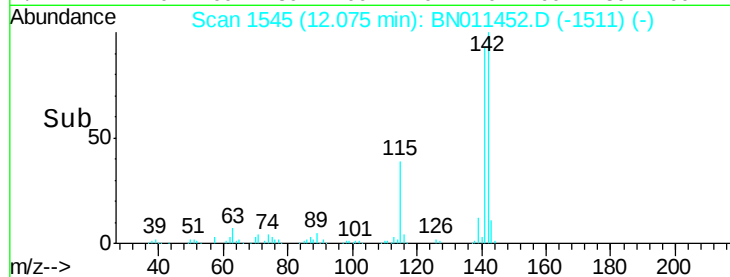
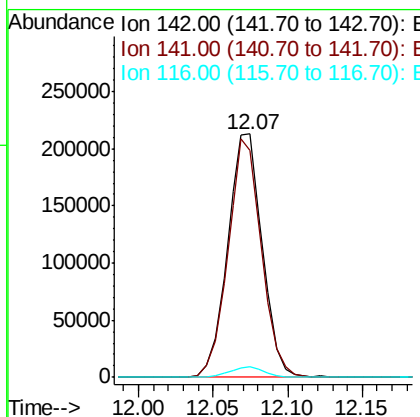
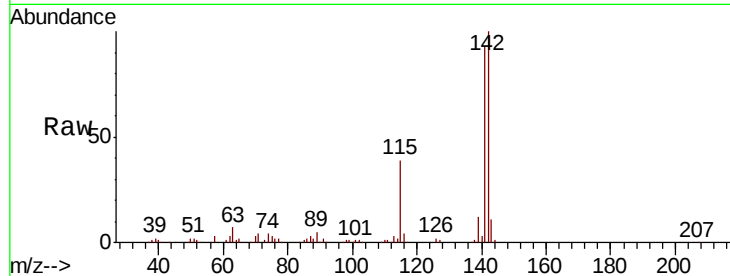




#35
1-Methylnaphthalene
Concen: 18.209 ng/uL
RT: 12.07 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

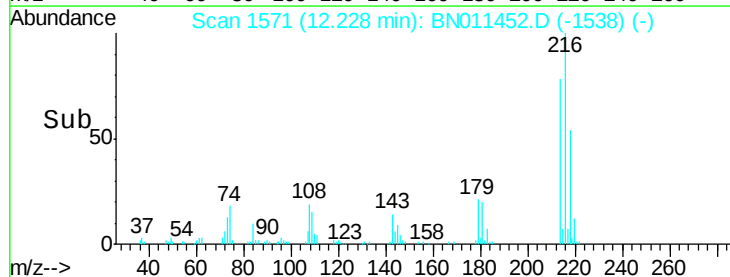
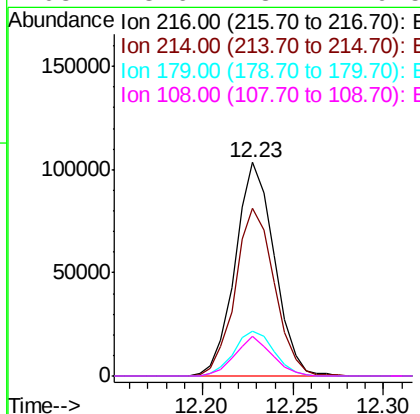
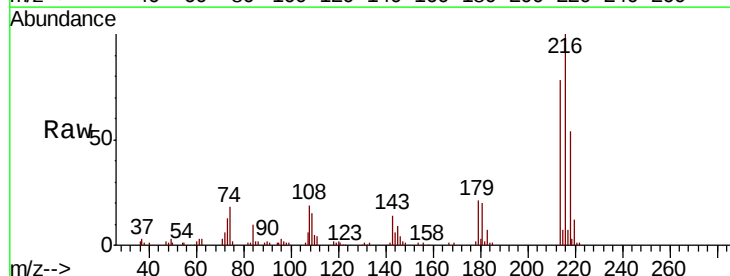
Instrument :
BNA_N
ClientSampled :
DBFK6

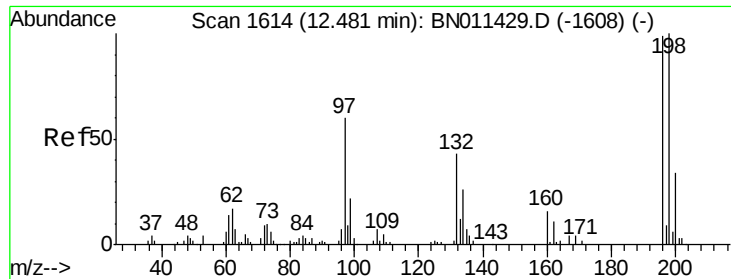
Tot Ion:142 Resp: 343403
Ion Ratio Lower Upper
142 100
141 94.9 75.0 112.4
116 4.3 3.4 5.0



#37
1,2,4,5-Tetrachlorobenzene
Concen: 14.427 ng/uL
RT: 12.23 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Tgt Ion:216 Resp: 155420
Ion Ratio Lower Upper
216 100
214 78.3 59.8 89.8
179 20.7 17.4 26.2
108 18.6 13.7 20.5

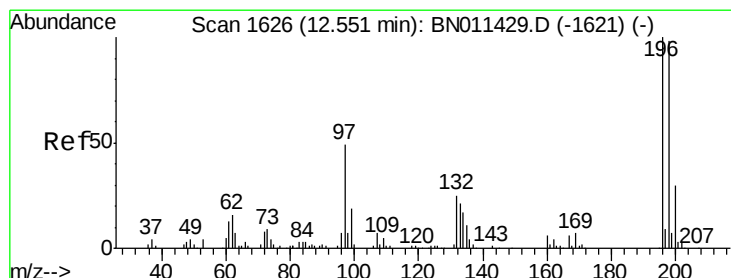
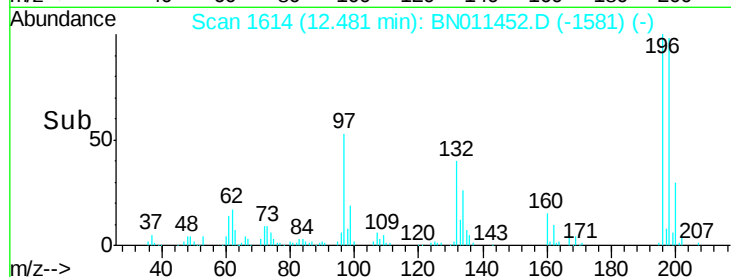
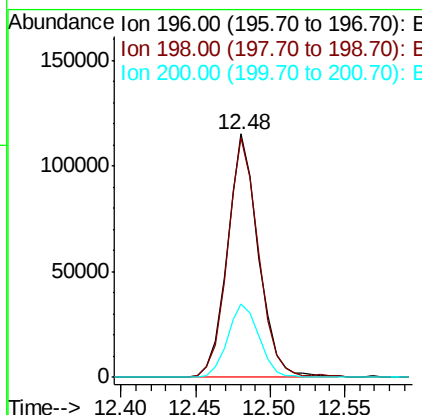
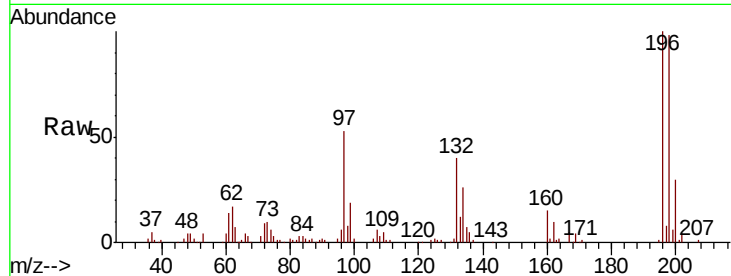




#39
 2,4,6-Trichlorophenol
 Concen: 26.590 ng/ul
 RT: 12.48 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BN011452.D
 Acq: 17 Aug 2020 14:28

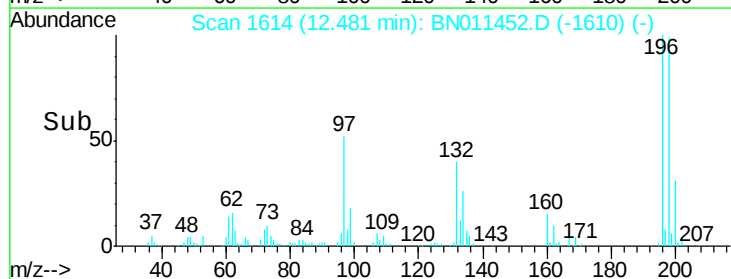
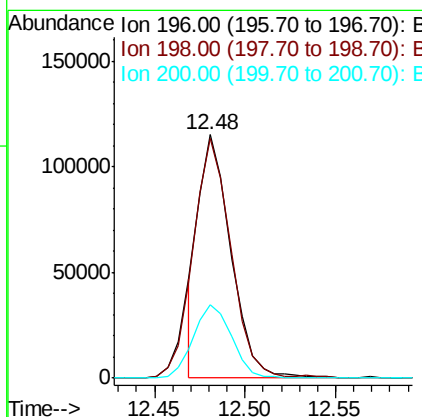
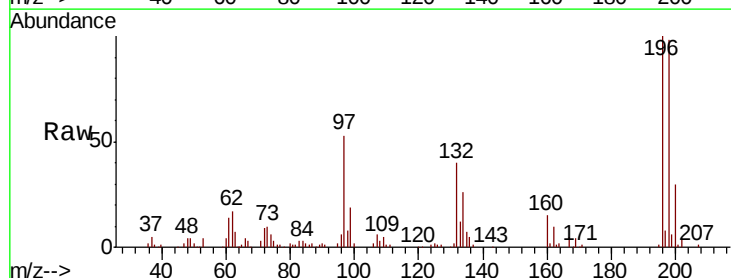
Instrument :
 BNA_N
 ClientSampleId :
 DBFK6

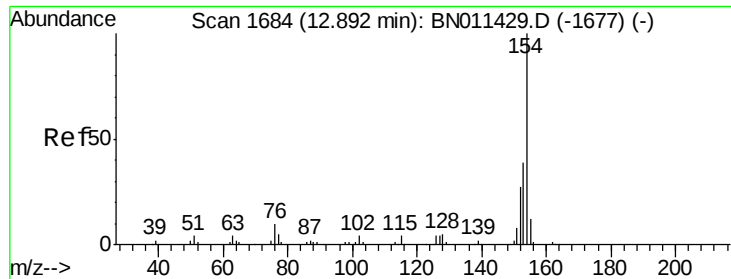
Tot Ion:196 Resp: 167642
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.9 115.3
 200 30.1 24.2 36.2



#40
 2,4,5-Trichlorophenol
 Concen: 20.882 ng/ul
 RT: 12.48 min Scan# 1614
 Delta R.T. -0.08 min
 Lab File: BN011452.D
 Acq: 17 Aug 2020 14:28

Tgt Ion:196 Resp: 142958
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.3 111.5
 200 30.1 23.8 35.6

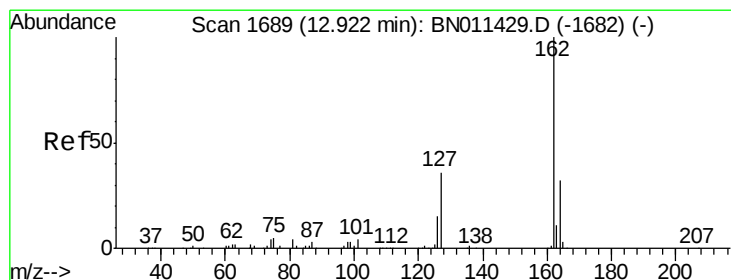
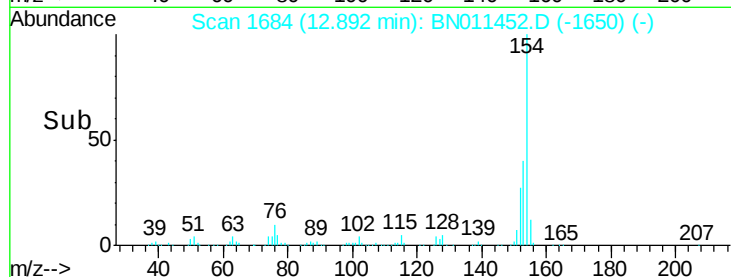
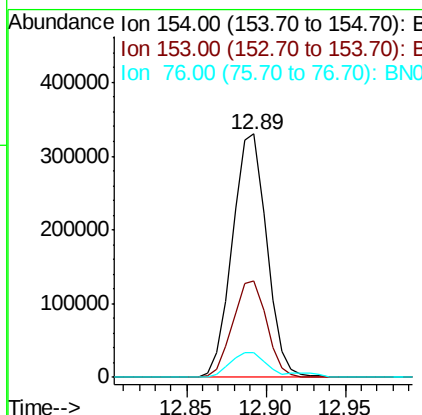
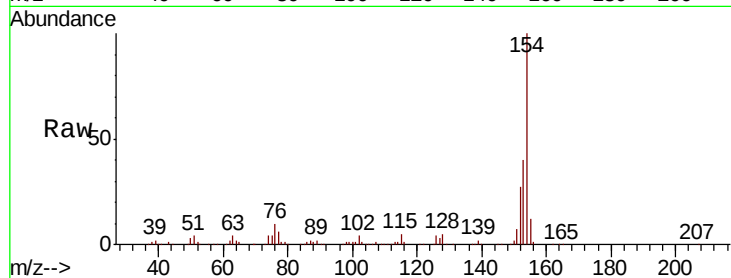




#41
1,1'-Biphenyl
Concen: 20.070 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

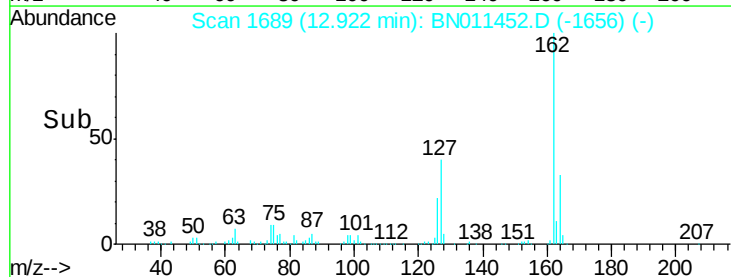
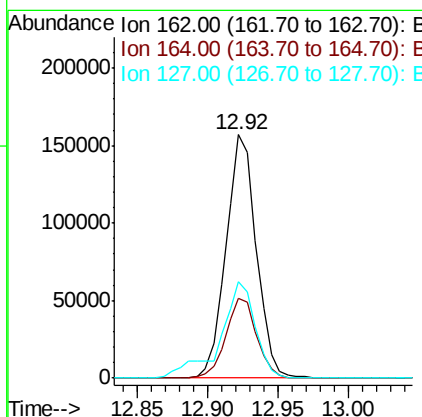
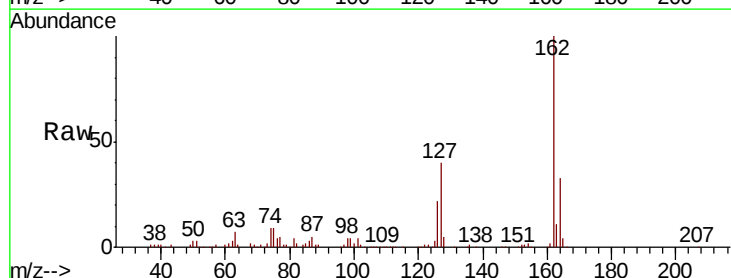
Instrument :
BNA_N
ClientSampleId :
DBFK6

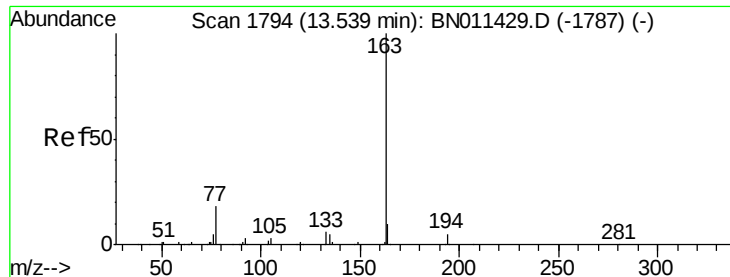
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.3	48.5
76	10.1	8.5	12.7



#42
2-Chloronaphthalene
Concen: 11.749 ng/ul
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.7	25.5	38.3
127	39.7	31.5	47.3

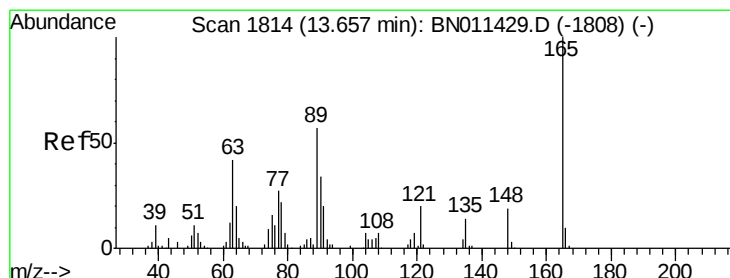
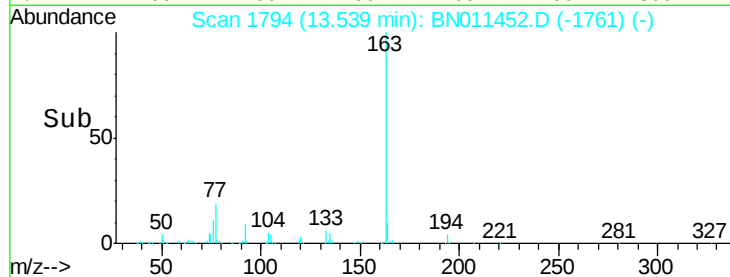
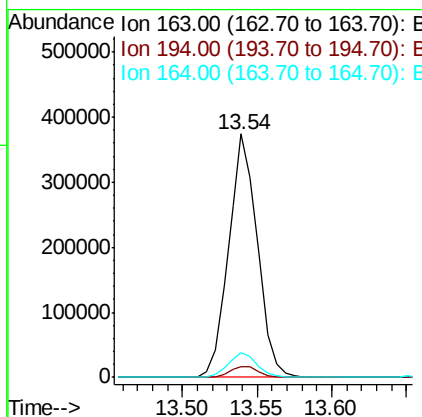
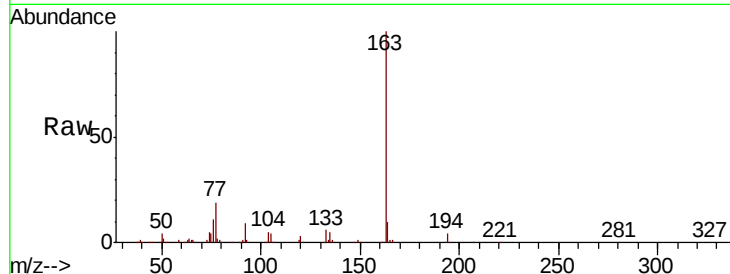




#45
Dimethylphthalate
Concen: 20.551 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

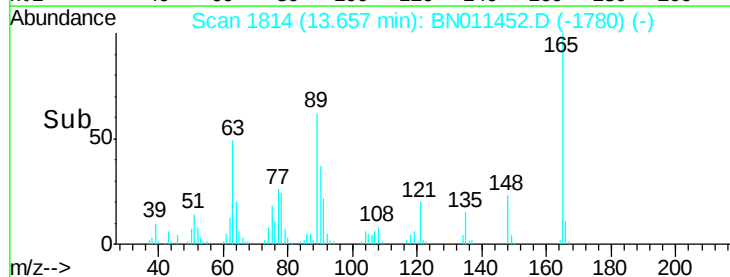
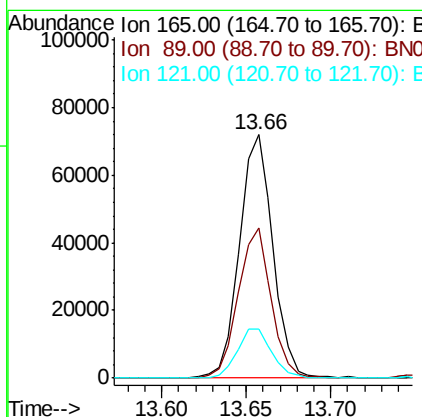
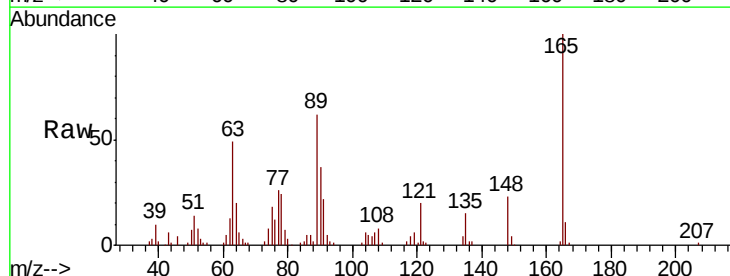
Instrument :
BNA_N
ClientSampleId :
DBFK6

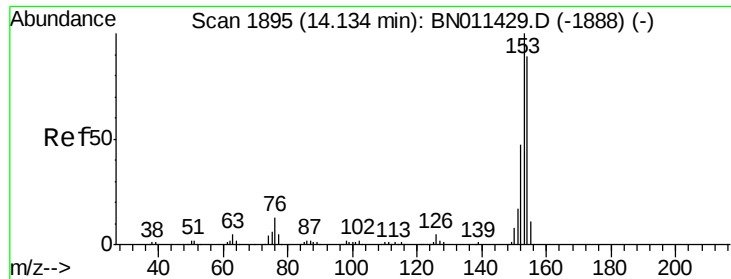
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.1	8.7	13.1



#46
2,6-Dinitrotoluene
Concen: 20.568 ng/ul
RT: 13.66 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Tgt Ion	Ratio	Lower	Upper
165	100		
89	61.8	51.4	77.0
121	20.2	17.4	26.2





#50

Acenaphthene

Concen: 16.221 ng/ul

RT: 14.13 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Instrument :

BNA_N

ClientSampleId :

DBFK6

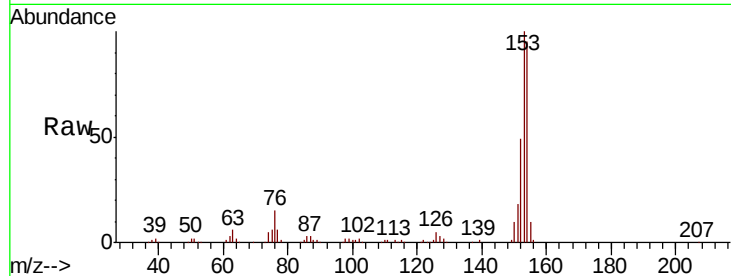
Tot Ion:153 Resp: 339193

Ion Ratio Lower Upper

153 100

152 49.1 37.6 56.4

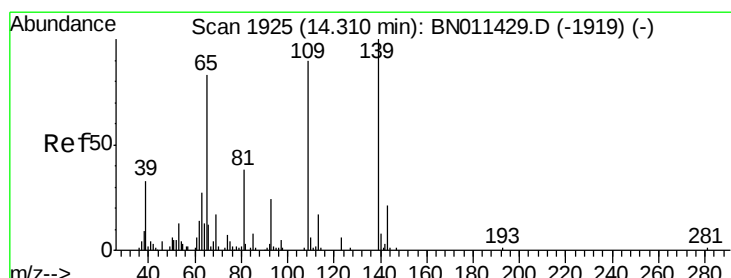
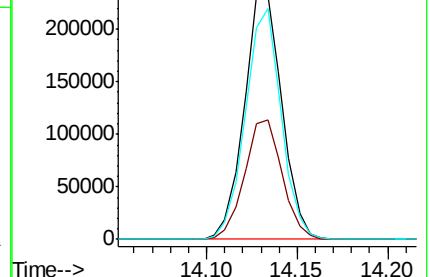
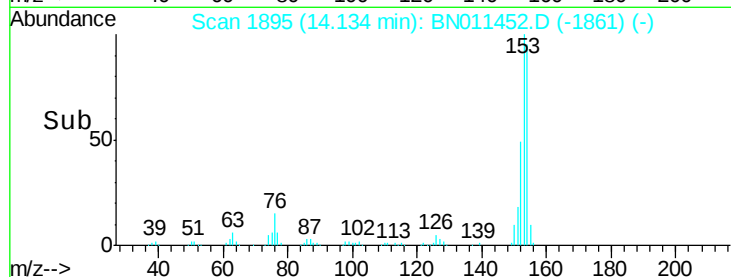
154 94.9 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 19.069 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

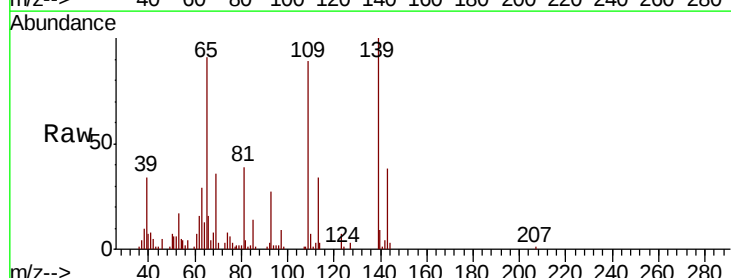
Tgt Ion:109 Resp: 73798

Ion Ratio Lower Upper

109 100

139 112.9 80.9 121.3

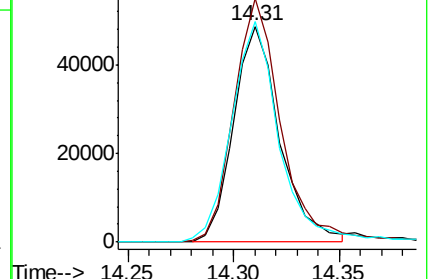
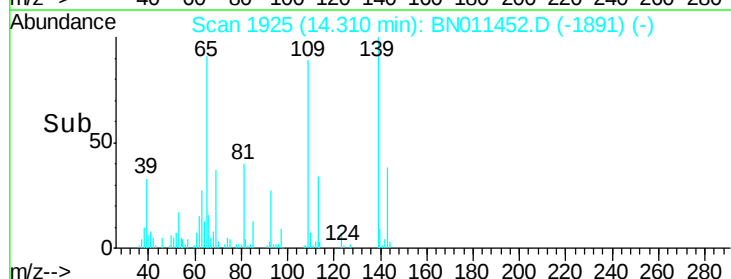
65 102.2 77.2 115.8

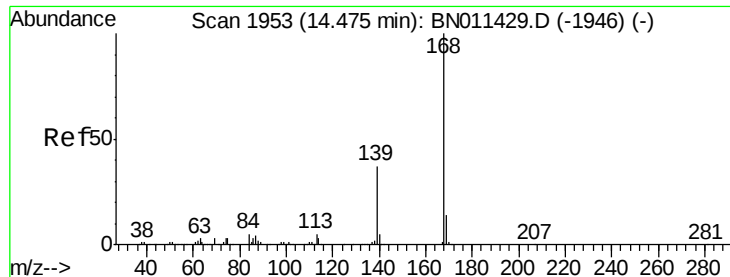


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC





#54

Dibenzofuran

Concen: 15.197 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Instrument :

BNA_N

ClientSampleId :

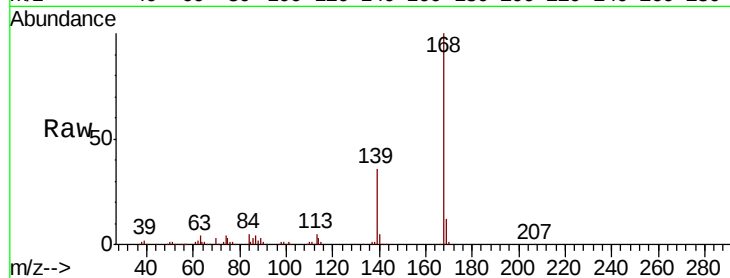
DBFK6

Tot Ion:168 Resp: 460865

Ion Ratio Lower Upper

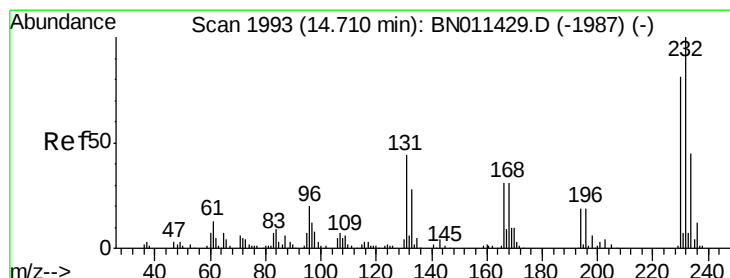
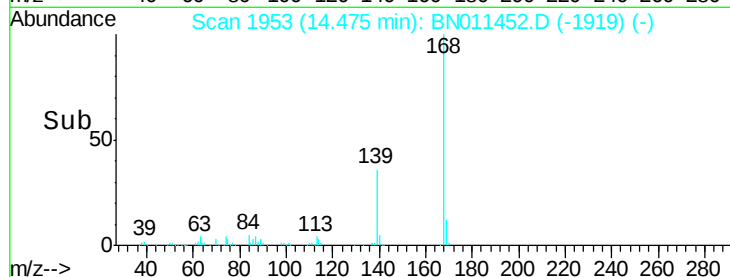
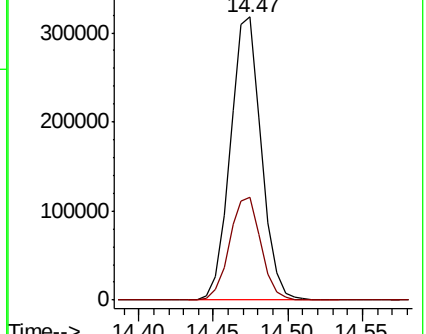
168 100

139 36.2 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#56

2,3,4,6-Tetrachlorophenol

Concen: 19.011 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Tgt Ion:232 Resp: 108662

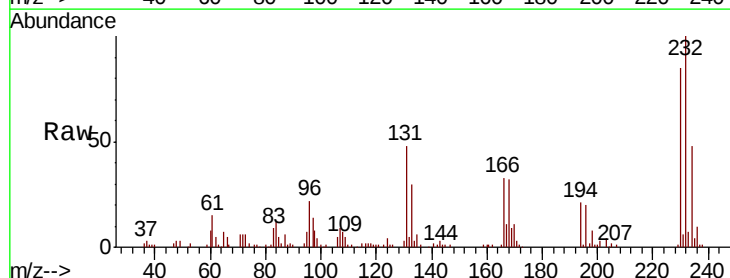
Ion Ratio Lower Upper

232 100

131 48.4 35.8 53.6

130 2.8 2.2 3.2

166 33.4 24.1 36.1

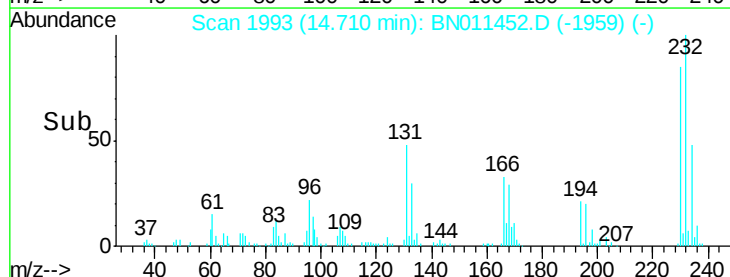
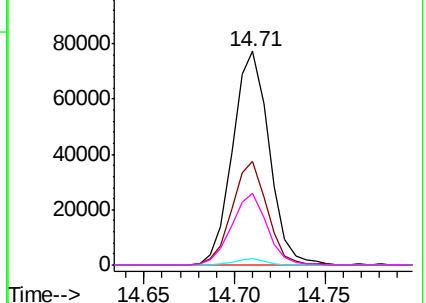


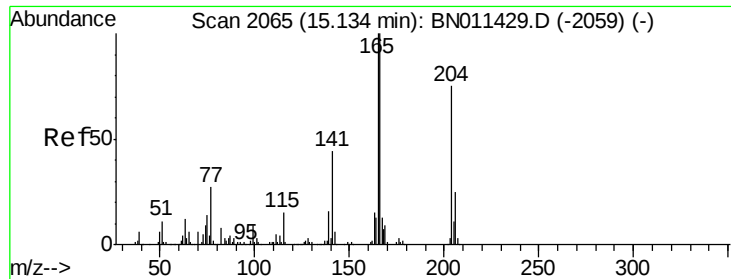
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

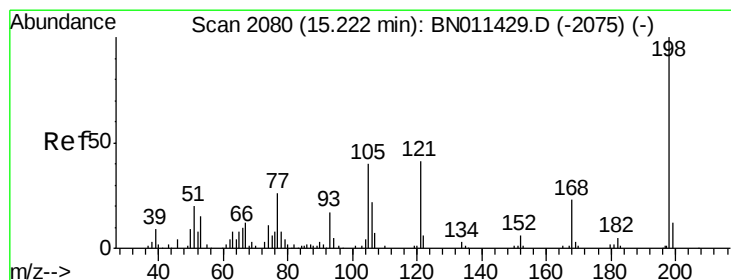
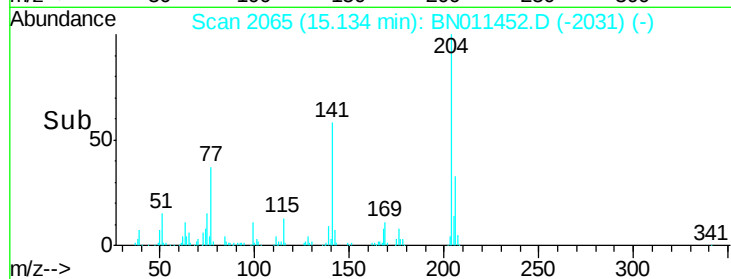
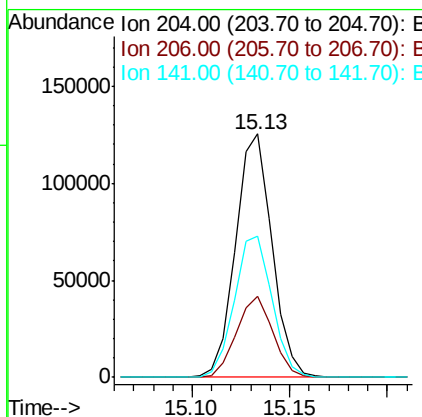
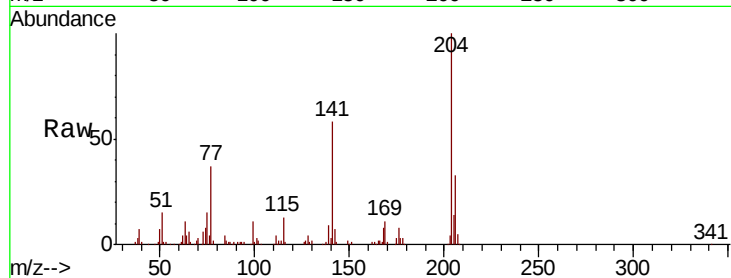




#60
 4-Chlorophenyl-phenylether
 Concen: 12.741 ng/ul
 RT: 15.13 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BN011452.D
 Acq: 17 Aug 2020 14:28

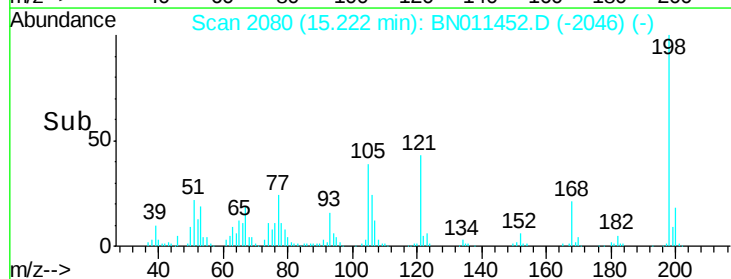
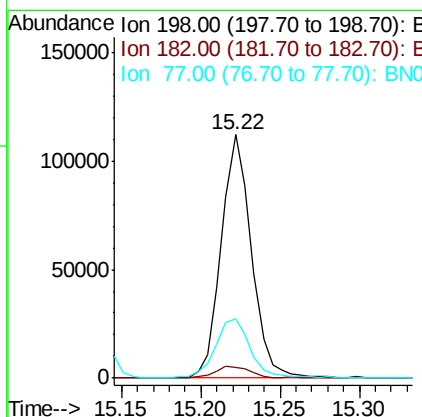
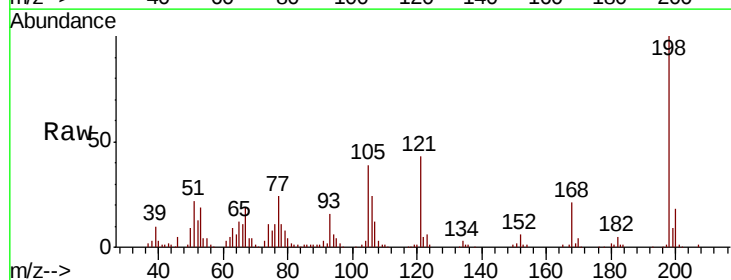
Instrument :
 BNA_N
 ClientSampleId :
 DBFK6

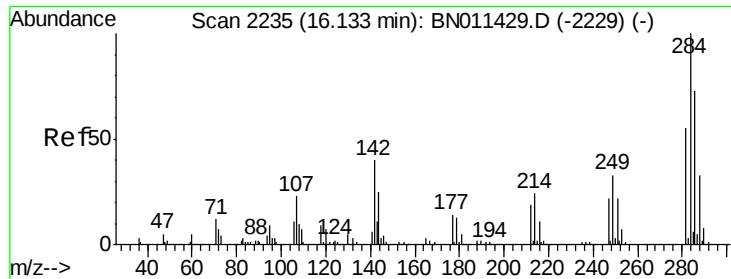
Tot Ion:204 Resp: 162481
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.3 39.5
 141 58.0 49.3 73.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.294 ng/ul
 RT: 15.22 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BN011452.D
 Acq: 17 Aug 2020 14:28

Tgt Ion:198 Resp: 149446
 Ion Ratio Lower Upper
 198 100
 182 4.5 4.5 6.7
 77 24.4 22.2 33.4

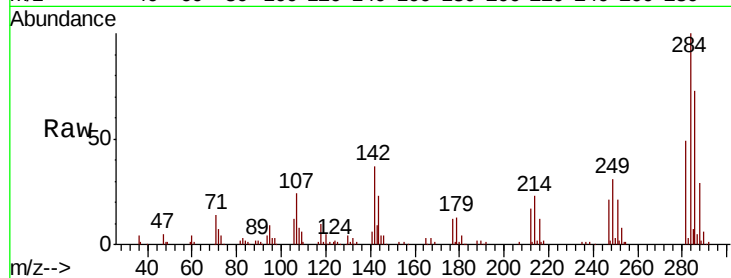




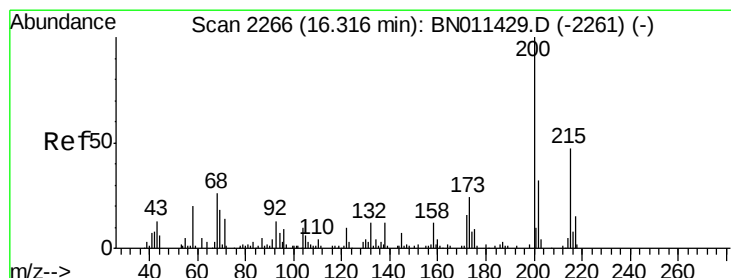
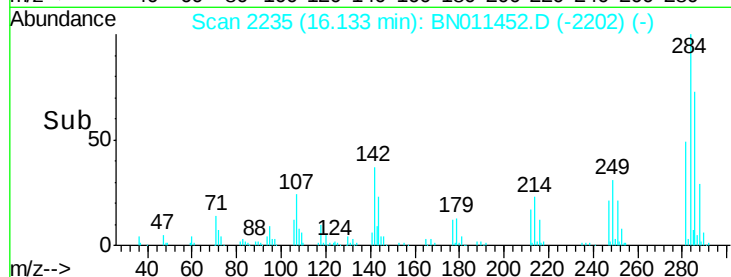
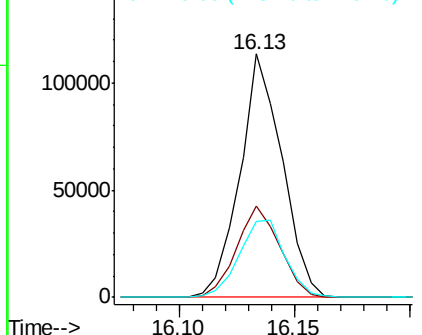
#67
Hexachlorobenzene
Concen: 16.079 ng/ul
RT: 16.13 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Instrument :
BNA_N
ClientSampleId :
DBFK6

Tot Ion:284 Resp: 144500
Ion Ratio Lower Upper
284 100
142 37.3 27.7 41.5
249 31.2 26.2 39.4

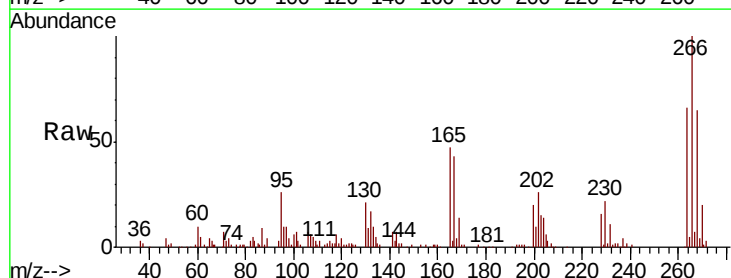


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

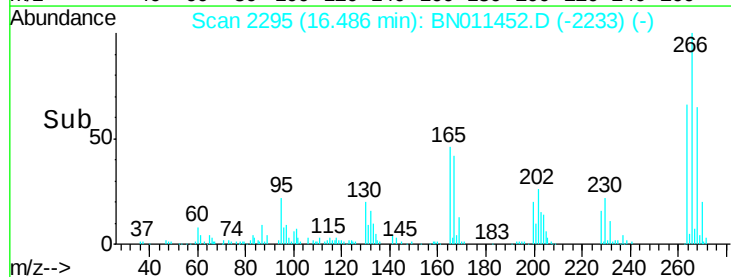
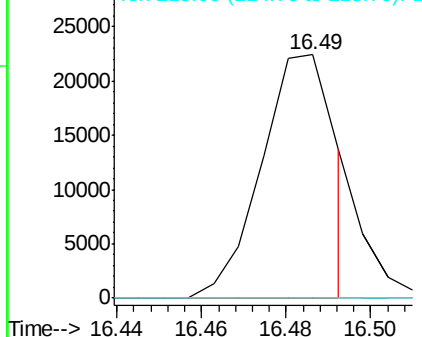


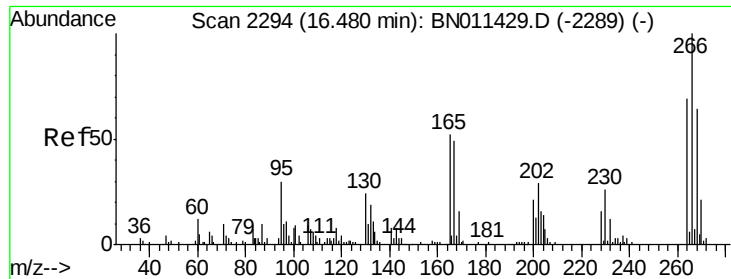
#68
Atrazine
Concen: 3.312 ng/ul
RT: 16.49 min Scan# 2295
Delta R.T. 0.16 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Tgt Ion:200 Resp: 27388
Ion Ratio Lower Upper
200 100
173 0.0 19.4 29.0#
215 0.0 35.5 53.3#



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





#69

Pentachlorophenol

Concen: 29.953 ng/ul

RT: 16.49 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Instrument :

BNA_N

ClientSampleId :

DBFK6

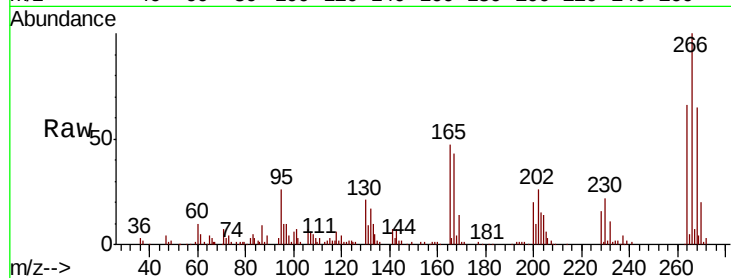
Tot Ion:266 Resp: 154301

Ion Ratio Lower Upper

266 100

264 65.7 67.9 101.9#

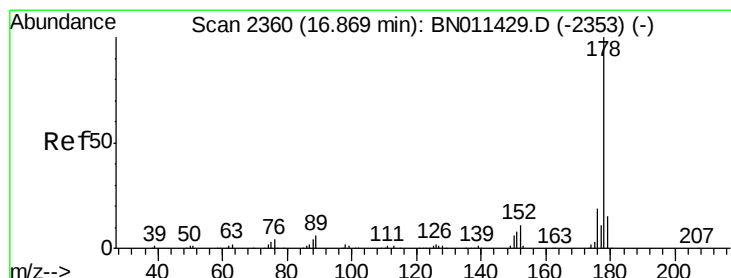
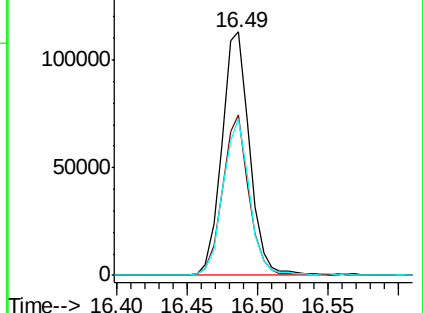
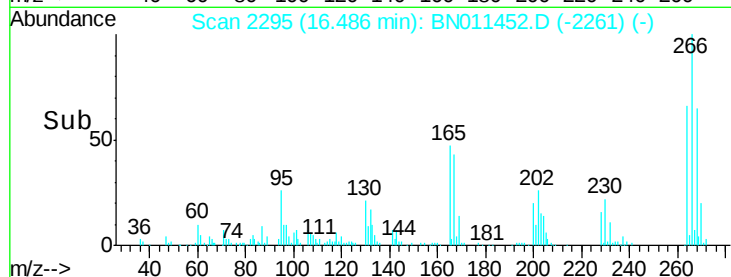
268 64.6 63.4 95.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 15.296 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

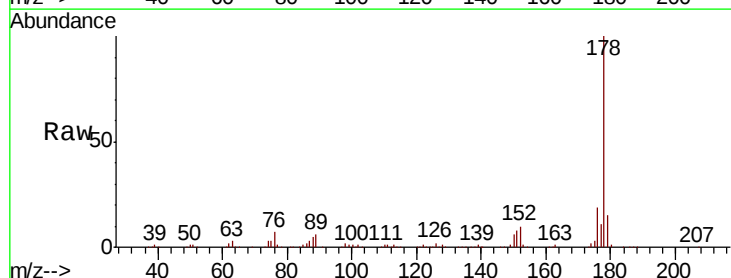
Tgt Ion:178 Resp: 643998

Ion Ratio Lower Upper

178 100

179 15.3 13.1 19.7

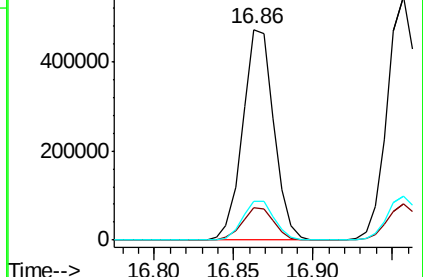
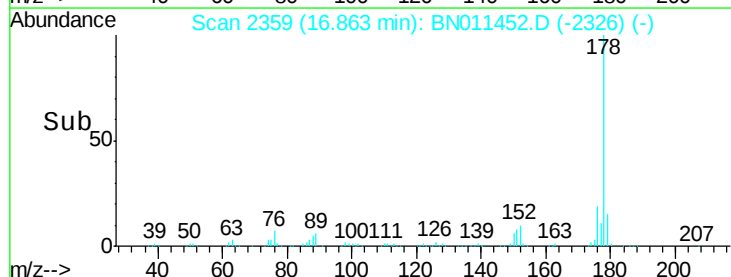
176 18.7 15.7 23.5

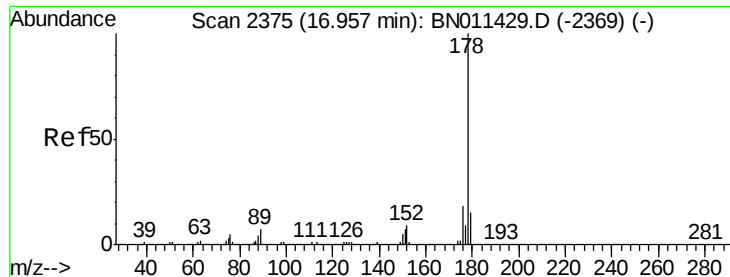


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 17.372 ng/ul

RT: 16.96 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Instrument :

BNA_N

ClientSampleId :

DBFK6

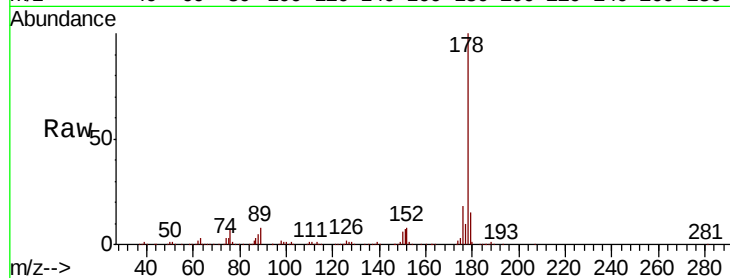
Tot Ion:178 Resp: 740766

Ion Ratio Lower Upper

178 100

179 15.0 13.0 19.4

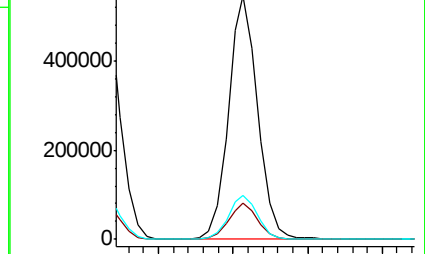
176 17.9 14.6 21.8



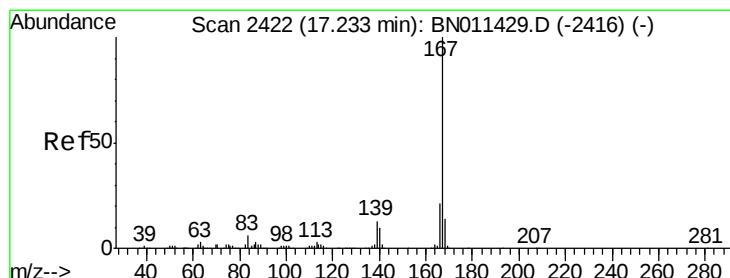
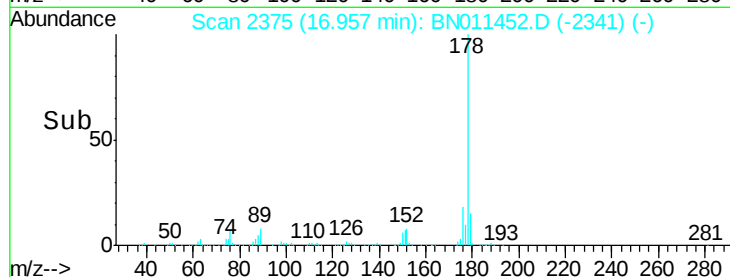
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#75

Carbazole

Concen: 17.573 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

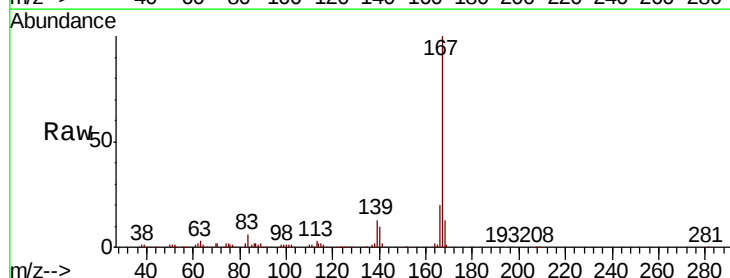
Tgt Ion:167 Resp: 630163

Ion Ratio Lower Upper

167 100

166 20.1 17.2 25.8

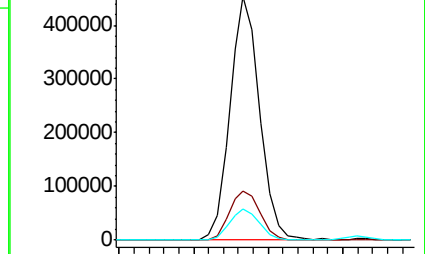
139 12.9 10.2 15.2



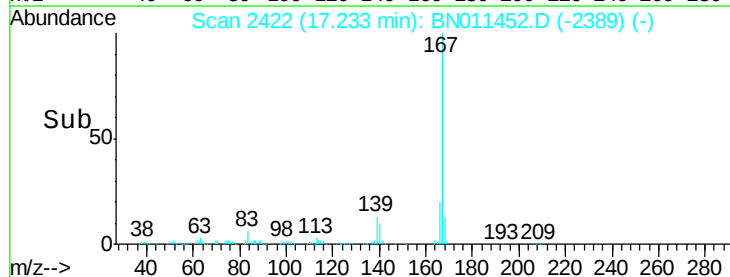
Abundance Ion 167.00 (166.70 to 167.70): E

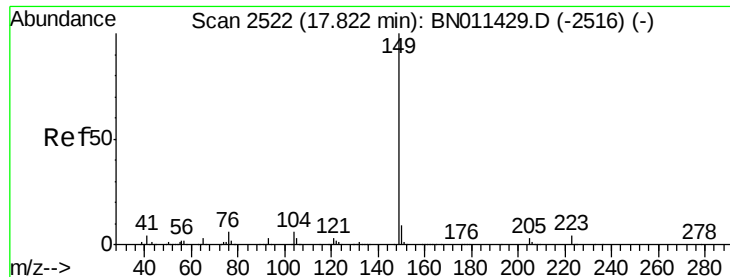
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#76

Di-n-butylphthalate

Concen: 14.911 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Instrument :

BNA_N

ClientSampleId :

DBFK6

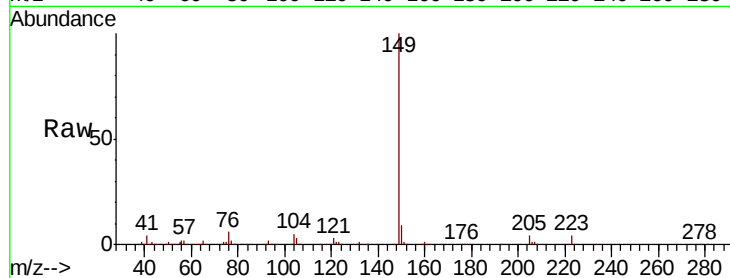
Tot Ion:149 Resp: 607889

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

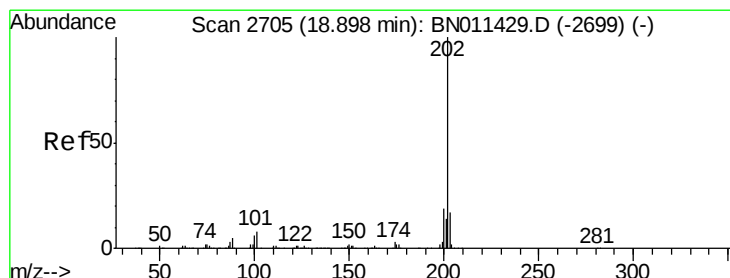
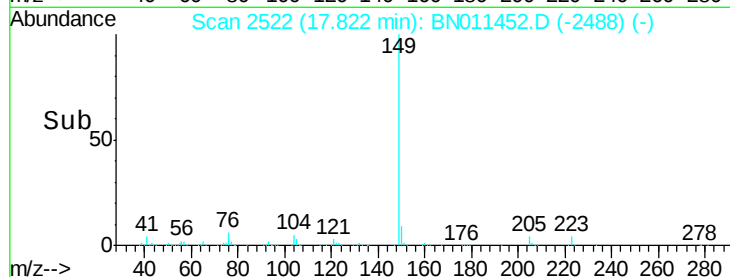
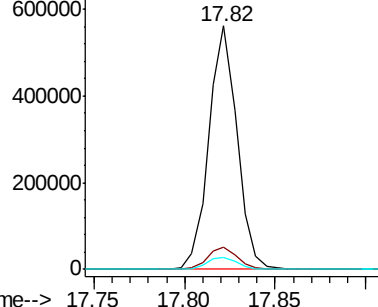
104 5.2 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 31.005 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

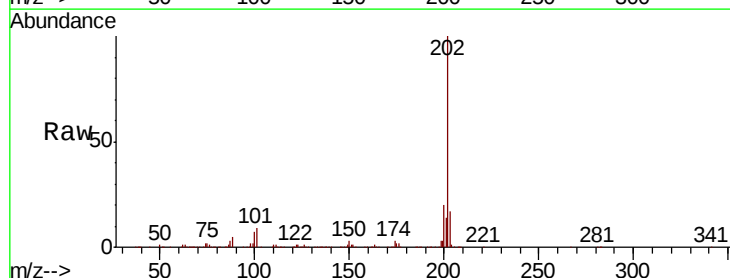
Tgt Ion:202 Resp: 1597278

Ion Ratio Lower Upper

202 100

101 8.7 7.3 10.9

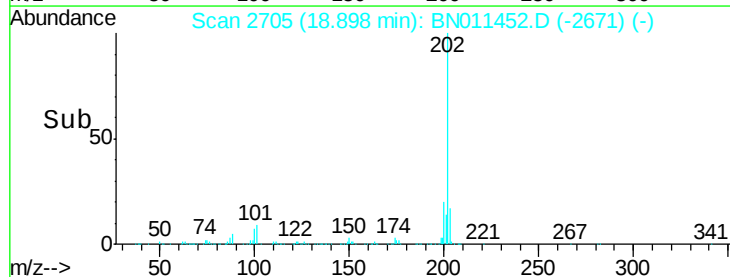
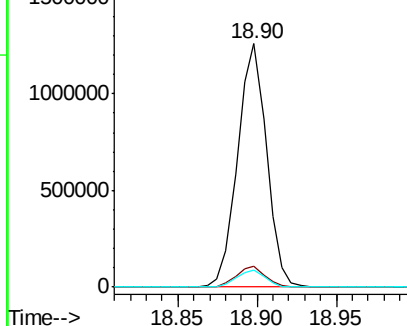
100 6.9 5.2 7.8

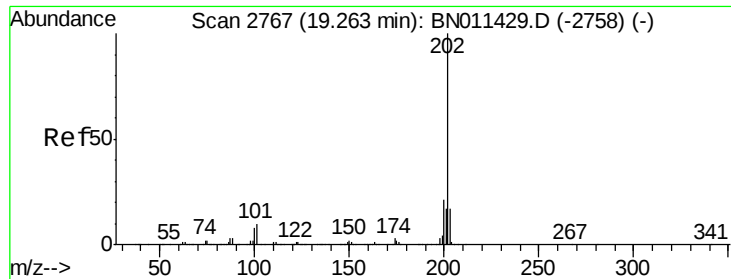


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

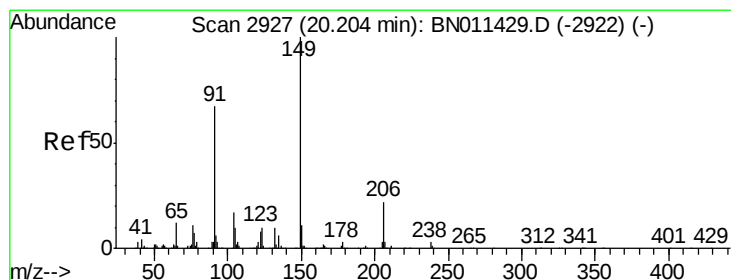
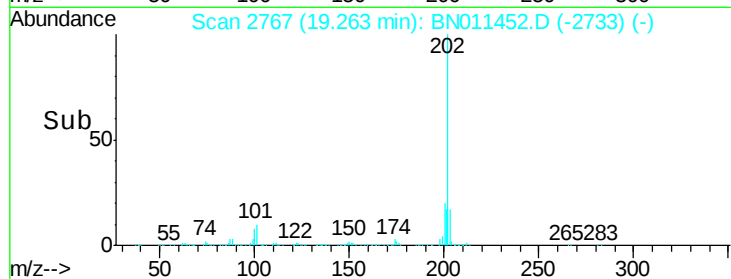
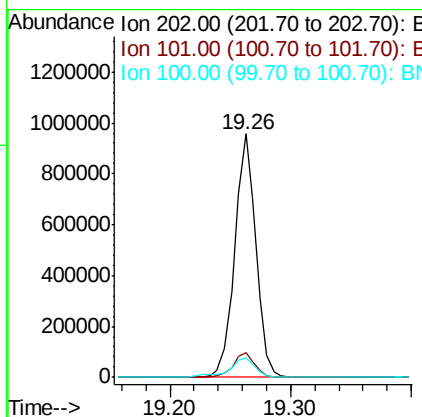
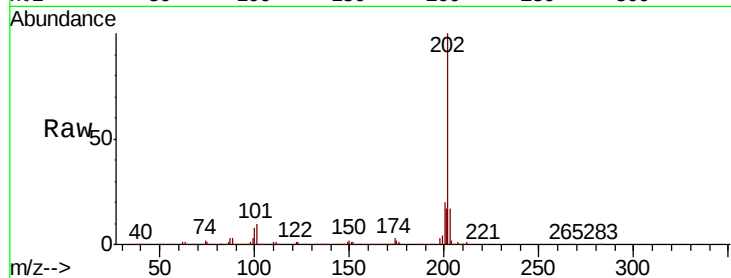




#80
Pvrene
Concen: 23.024 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

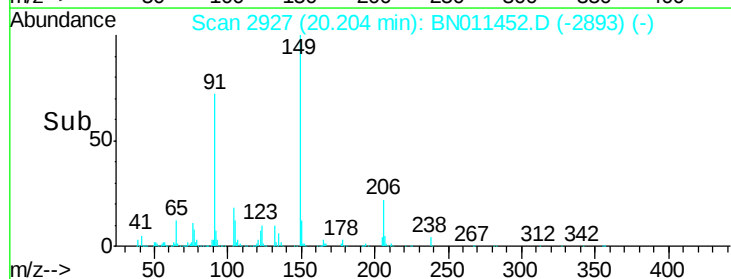
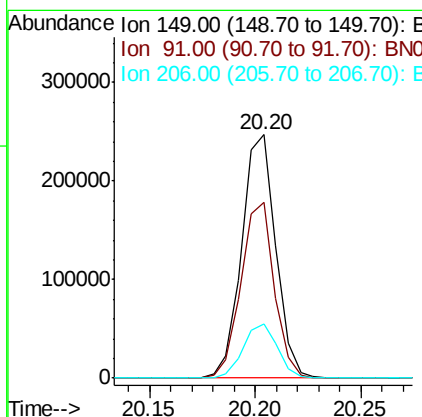
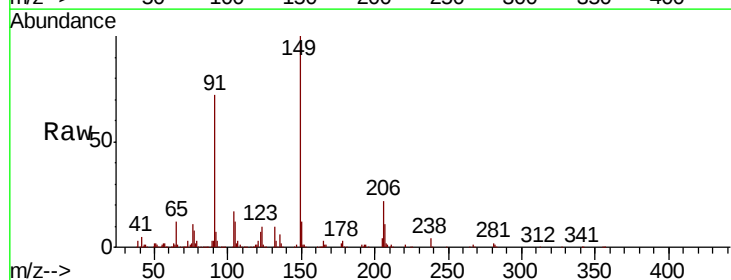
Instrument :
BNA_N
ClientSampleId :
DBFK6

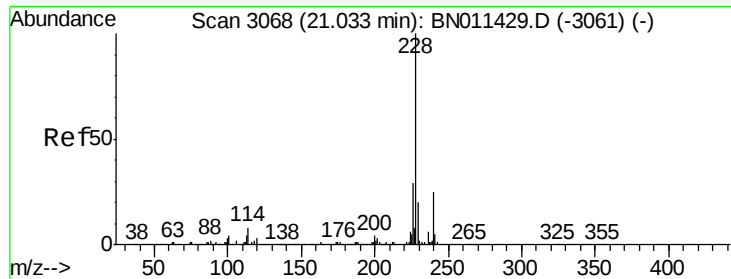
Tot Ion:202 Resp: 1168299
Ion Ratio Lower Upper
202 100
101 10.2 7.8 11.8
100 8.1 6.5 9.7



#81
Butylbenzylphthalate
Concen: 16.133 ng/ul
RT: 20.20 min Scan# 2927
Delta R.T. -0.00 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Tgt Ion:149 Resp: 276172
Ion Ratio Lower Upper
149 100
91 72.2 54.4 81.6
206 22.2 18.9 28.3





#83

Benzo(a)anthracene

Concen: 30.568 ng/ul

RT: 21.03 min Scan# 3068

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Instrument :

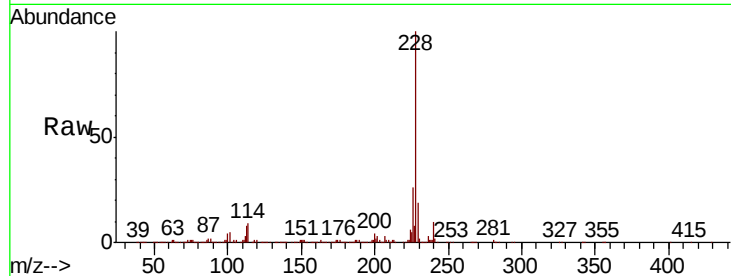
BNA_N

ClientSampleId :

DBFK6

Tot Ion:228 Resp: 1466444

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.0	22.4
226	25.5	21.5	32.3

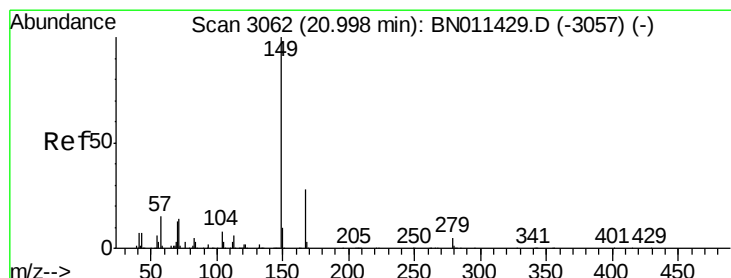
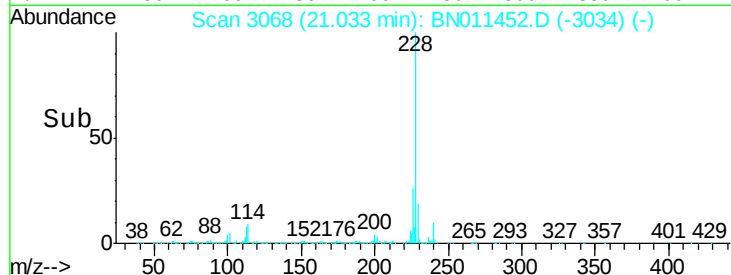
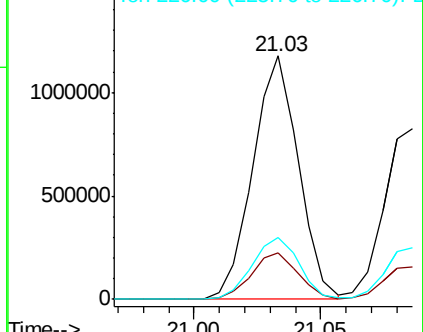


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.163 ng/ul

RT: 21.00 min Scan# 3062

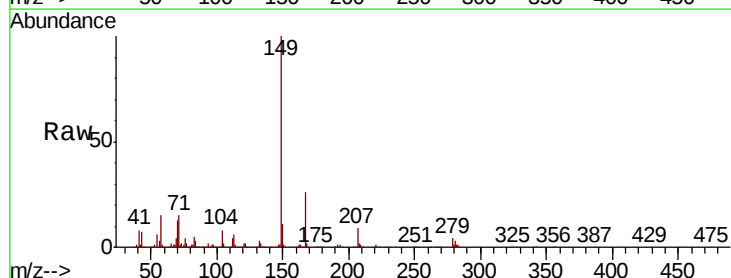
Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Tgt Ion:149 Resp: 494670

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.8	32.6
279	4.3	3.3	4.9

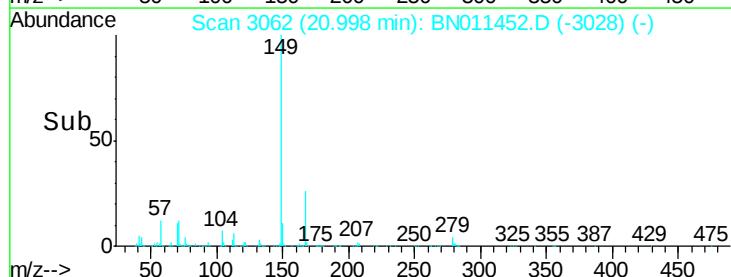
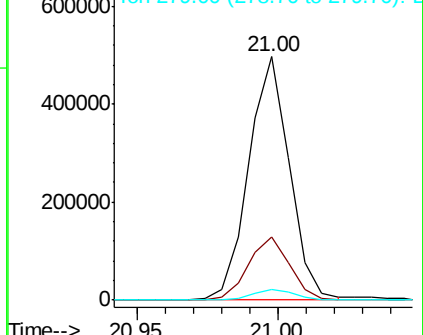


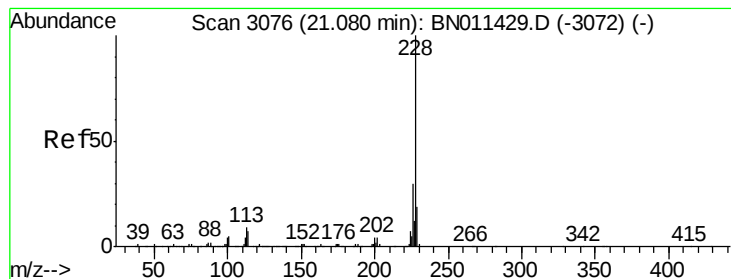
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 21.125 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Instrument :

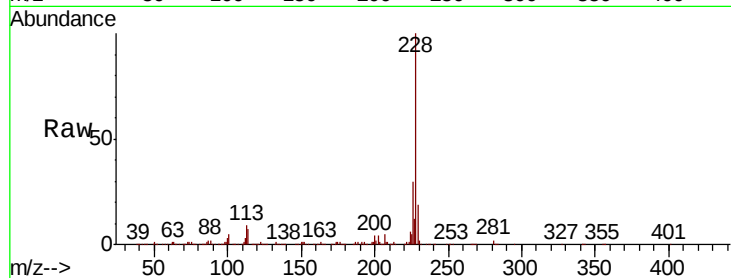
BNA_N

ClientSampleId :

DBFK6

Tot Ion:228 Resp: 1006636

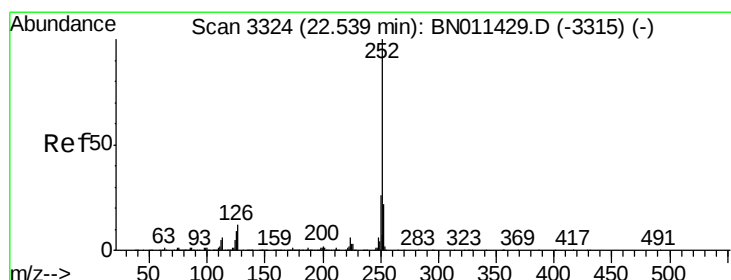
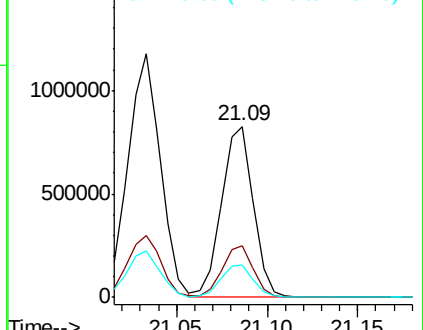
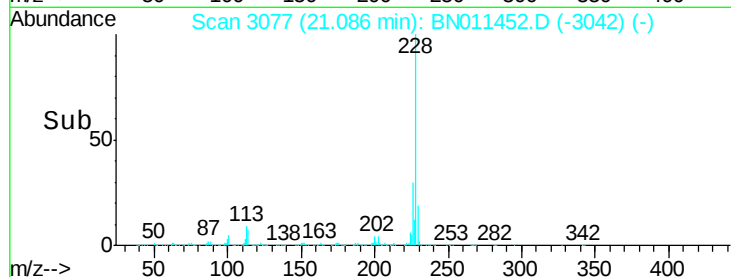
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	19.2	15.0	22.6



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



#88

Benzo(b)fluoranthene

Concen: 21.497 ng/ul

RT: 22.54 min Scan# 3324

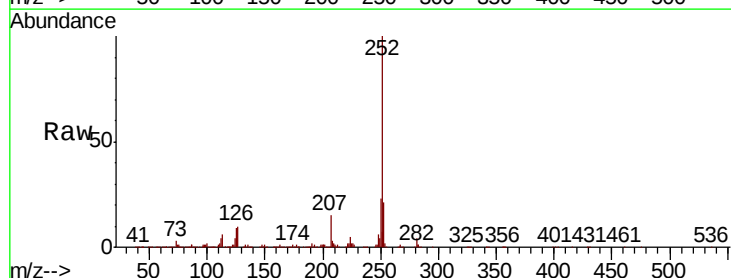
Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Tgt Ion:252 Resp: 1115250

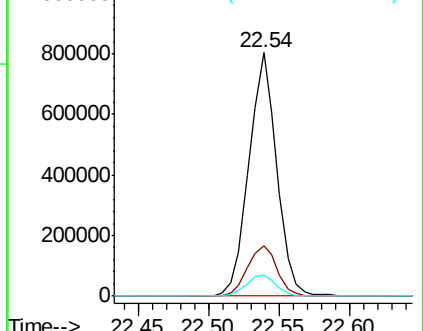
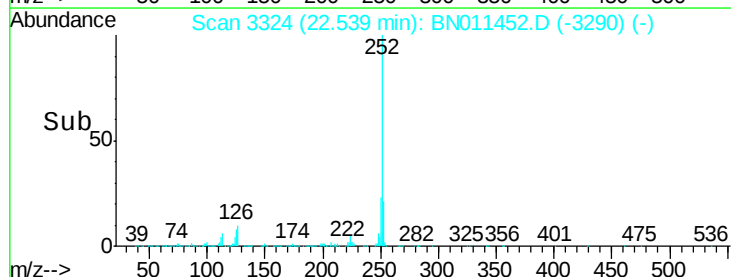
Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	8.6	6.6	9.8

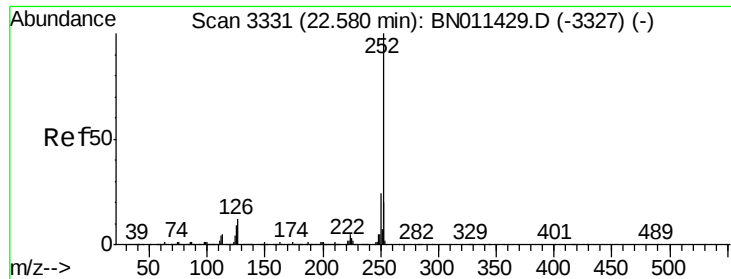


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 21.645 ng/ul

RT: 22.54 min Scan# 3324

Delta R.T. -0.04 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

Instrument :

BNA_N

ClientSampled :

DBFK6

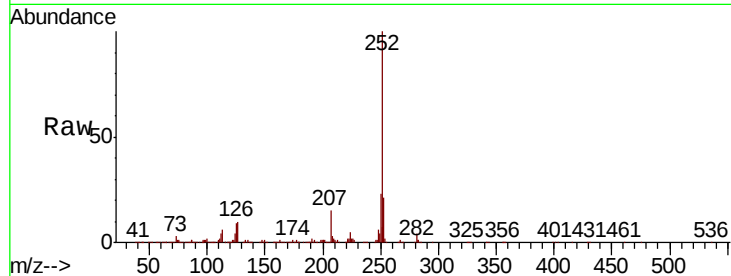
Tot Ion:252 Resp: 1115250

Ion Ratio Lower Upper

252 100

253 20.9 15.8 23.6

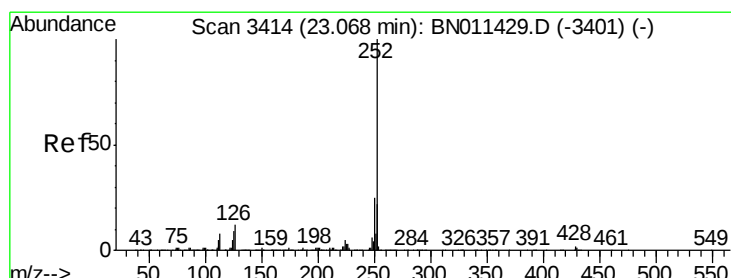
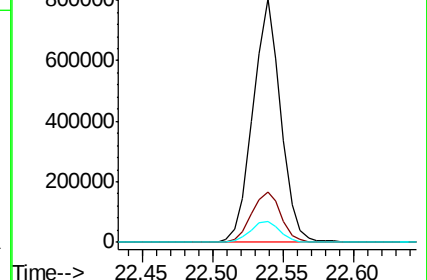
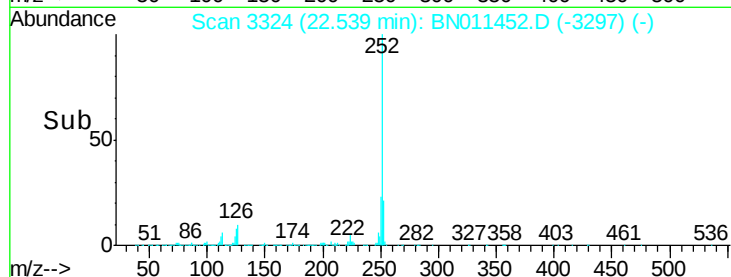
125 8.6 6.0 9.0



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



#91

Benzo(a)pyrene

Concen: 19.685 ng/ul

RT: 23.07 min Scan# 3414

Delta R.T. -0.00 min

Lab File: BN011452.D

Acq: 17 Aug 2020 14:28

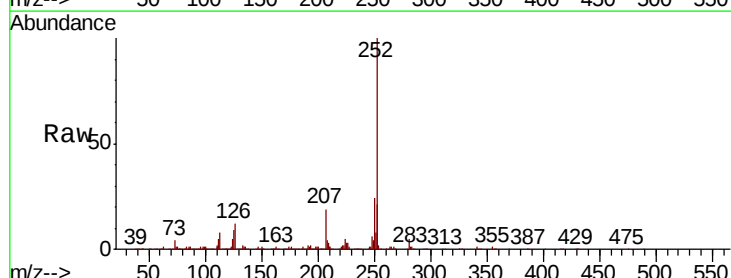
Tgt Ion:252 Resp: 940970

Ion Ratio Lower Upper

252 100

253 21.4 16.6 25.0

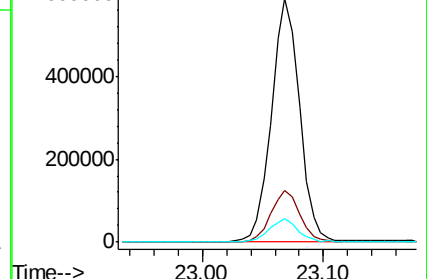
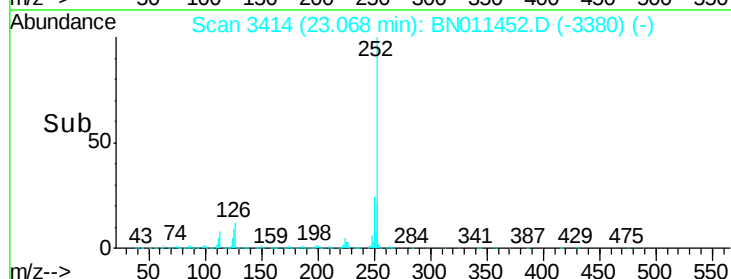
125 9.4 7.1 10.7

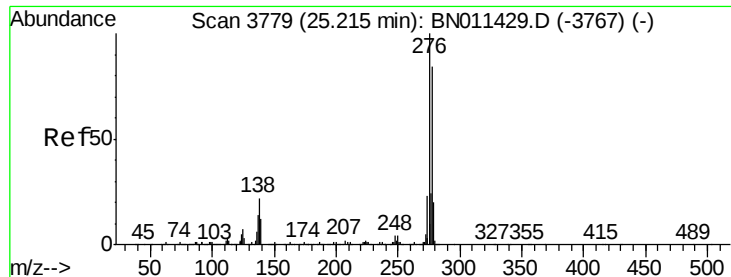


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



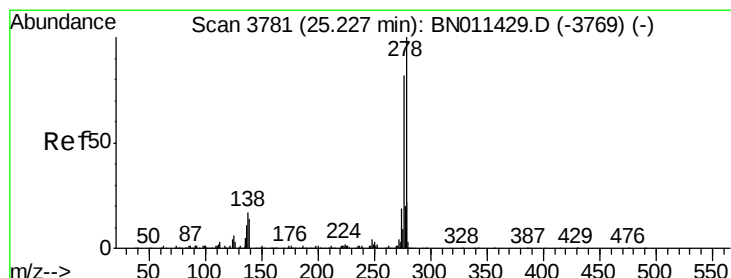
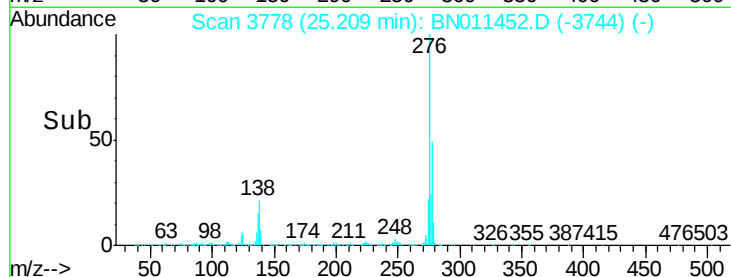
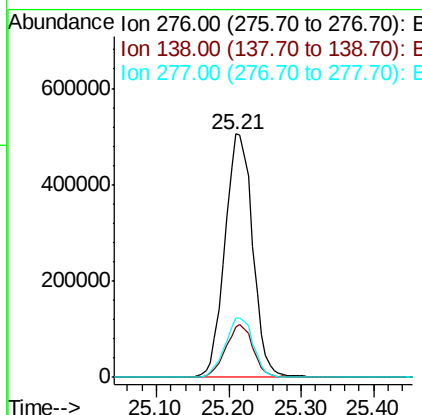
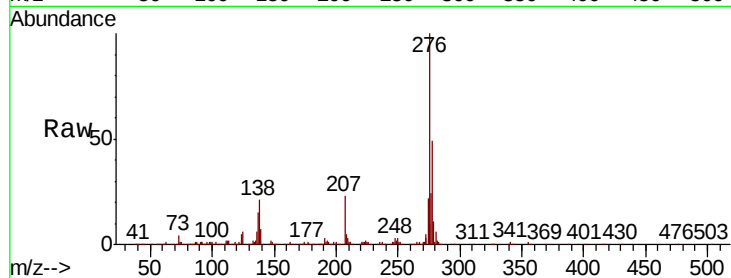


#92

Indeno(1,2,3-cd)pyrene
Concen: 22.050 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.00 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Instrument :
BNA_N
ClientSampleId :
DBFK6

Tot Ion:276 Resp: 1350908
Ion Ratio Lower Upper
276 100
138 20.7 17.0 25.4
277 24.4 18.1 27.1



#93

Dibenzo(a,h)anthracene
Concen: 17.096 ng/ul
RT: 25.23 min Scan# 3781
Delta R.T. 0.01 min
Lab File: BN011452.D
Acq: 17 Aug 2020 14:28

Tgt Ion:278 Resp: 876920
Ion Ratio Lower Upper
278 100
139 13.1 11.7 17.5
279 22.9 19.3 28.9

