

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012610.D
 Acq On : 19 Nov 2020 00:55
 Operator : CG/JU
 Sample : L4753-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGG9

Quant Time: Nov 19 03:47:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 14:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	143623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	594117	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	390722	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	863582	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	895143	20.00	ng/ul	-0.01
86) Perylene-d12	23.19	264	950021	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	20802	5.16	ng/uL	0.00
5) Phenol-d5	6.63	99	79899	6.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	251632	32.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	255610	25.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	154759	14.49	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	156898	32.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	178901	33.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	302607	29.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	31012	3.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1172762	36.75	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1350041	35.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	32318	5.41	ng/ul	0.00
58) Fluorene-d10	15.10	176	1018606	36.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	201586	34.22	ng/ul	0.00
71) Anthracene-d10	16.95	188	1726251	39.35	ng/ul	0.00
79) Pyrene-d10	19.26	212	1988722	42.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	2101535	40.48	ng/ul	0.00

Target Compounds

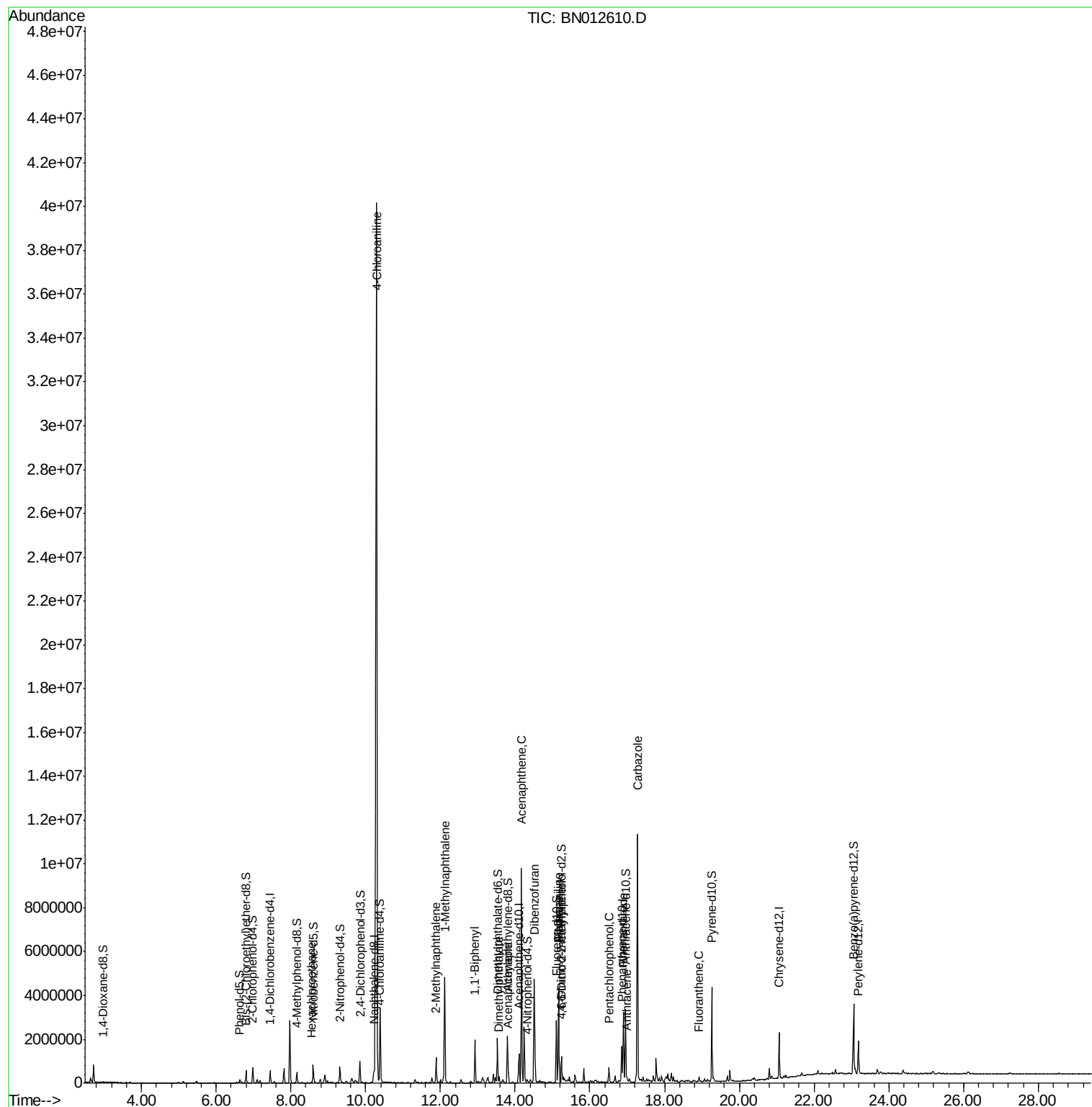
					Ovalue	
17) Hexachloroethane	8.54	117	4820	1.061	ng/ul#	8
30) 4-Chloroaniline	10.30	127	5973950	610.306	ng/ul#	14
34) 2-Methylnaphthalene	11.89	142	479181	19.991	ng/ul	98
35) 1-Methylnaphthalene	12.12	142	2095322	73.350	ng/uL	98
41) 1,1'-Biphenyl	12.93	154	939175	29.001	ng/ul	98
45) Dimethylphthalate	13.57	163	150026	4.667	ng/ul	99
48) Acenaphthylene	13.82	152	181000	4.745	ng/ul	97
50) Acenaphthene	14.17	153	3745535	134.446	ng/ul	98
54) Dibenzofuran	14.51	168	2613330	67.666	ng/ul	99
59) Fluorene	15.16	166	1773418	54.955	ng/ul	92
61) 4-Nitroaniline	15.16	138	22064	3.470	ng/ul#	12
64) 4,6-Dinitro-2-methylphenol	15.25	198	24793	3.966	ng/ul#	91
69) Pentachlorophenol	16.51	266	19563	2.869	ng/ul	95
70) Phenanthrene	16.90	178	1662602	31.314	ng/ul	99
72) Anthracene	16.99	178	142350	2.645	ng/ul	98
75) Carbazole	17.27	167	6534535	142.248	ng/ul	98
77) Fluoranthene	18.92	202	102431	1.677	ng/ul	97

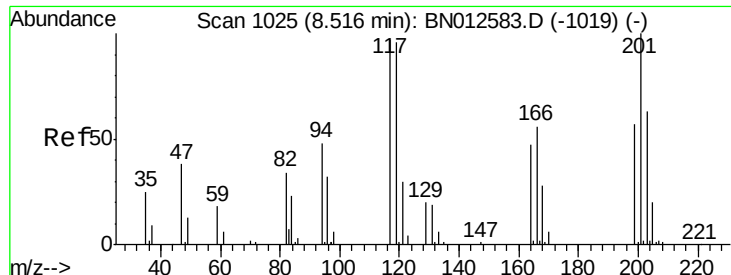
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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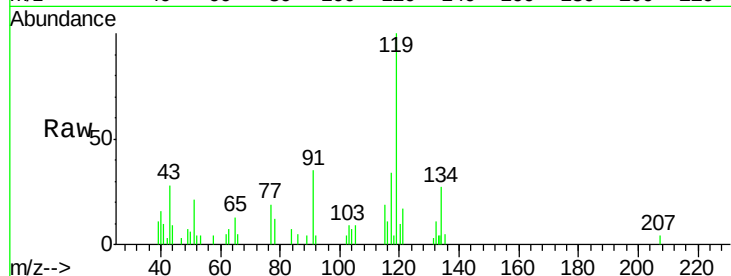




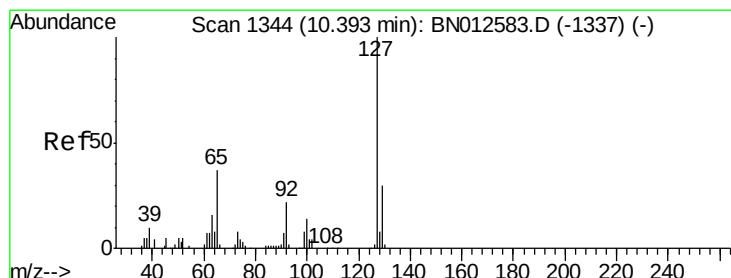
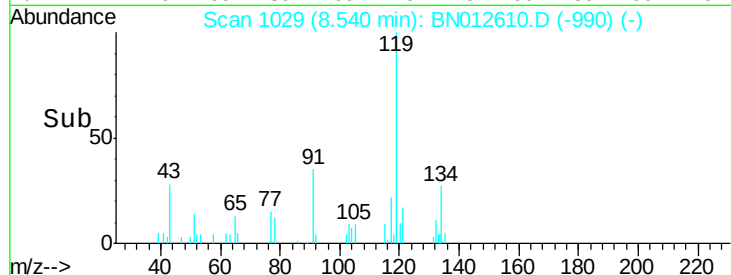
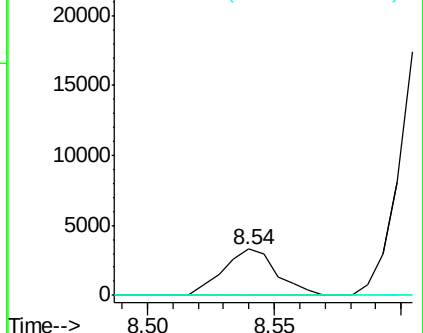
#17
Hexachloroethane
Concen: 1.061 ng/ul
RT: 8.54 min Scan# 1029
Delta R.T. 0.03 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Instrument :
BNA_N
ClientSampleId :
DBGG9

Tot Ion:117 Resp: 4820
Ion Ratio Lower Upper
117 100
201 0.0 79.4 119.2#
199 0.0 48.3 72.5#

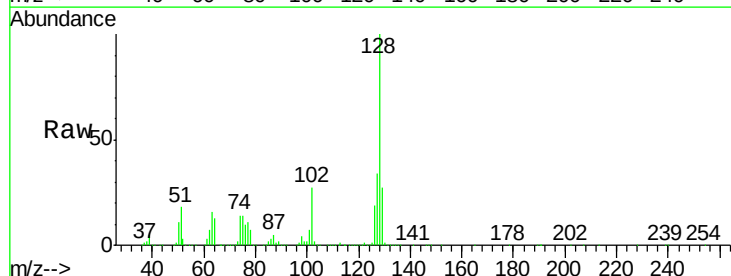


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

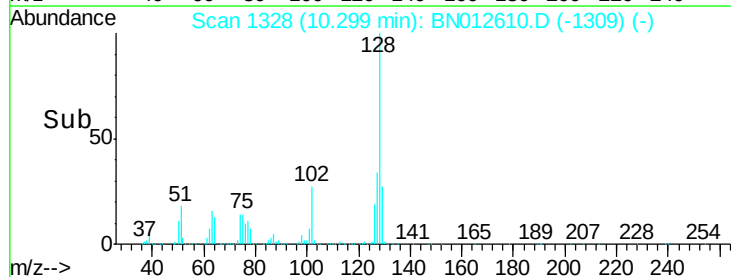
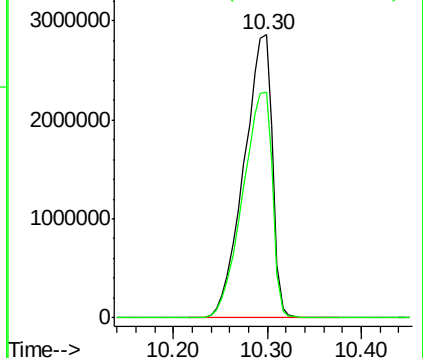


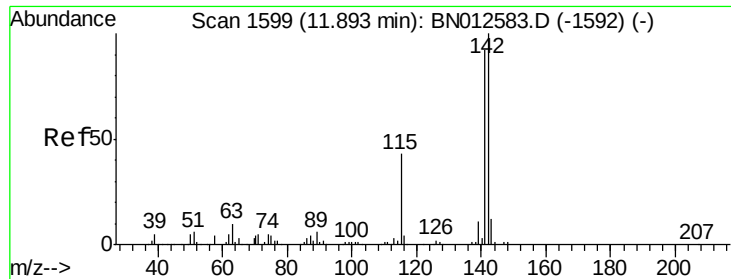
#30
4-Chloroaniline
Concen: 610.306 ng/ul
RT: 10.30 min Scan# 1328
Delta R.T. -0.09 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Tgt Ion:127 Resp: 5973950
Ion Ratio Lower Upper
127 100
129 79.7 25.5 38.3#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

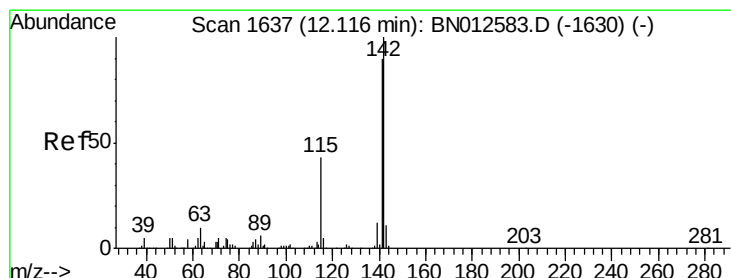
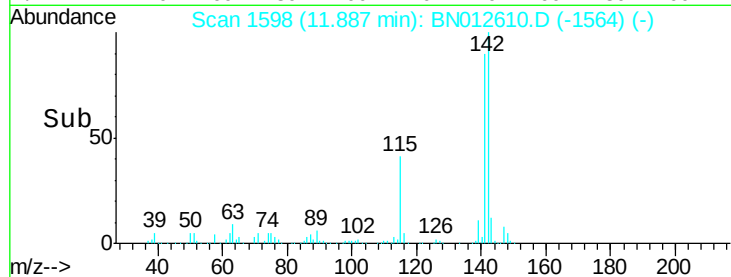
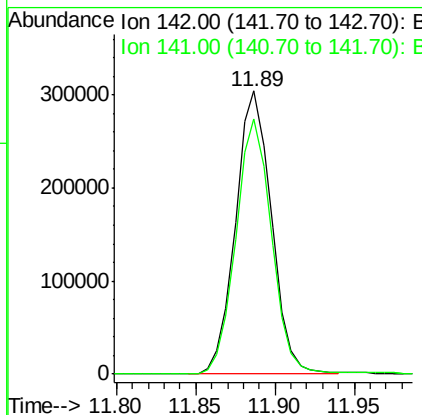
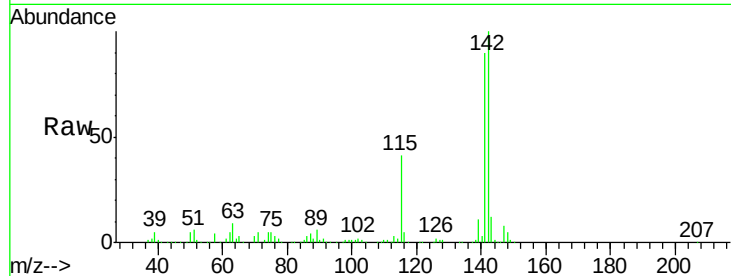




#34
2-Methylnaphthalene
Concen: 19.991 ng/ul
RT: 11.89 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

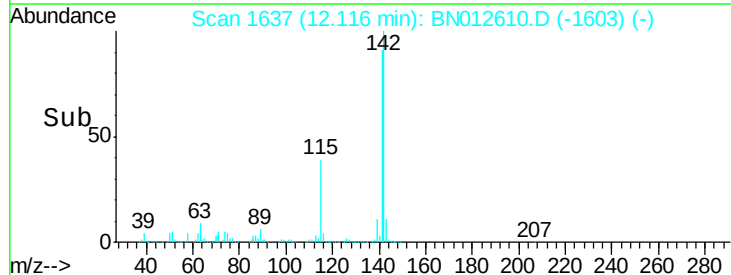
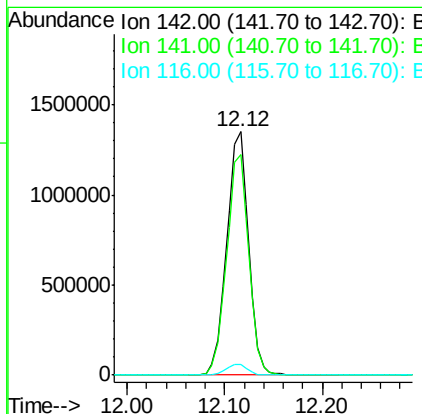
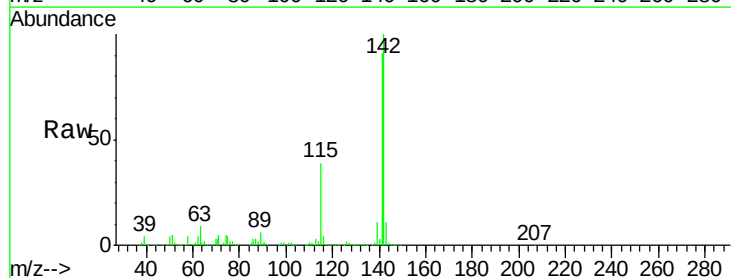
Instrument :
BNA_N
ClientSampleId :
DBG9

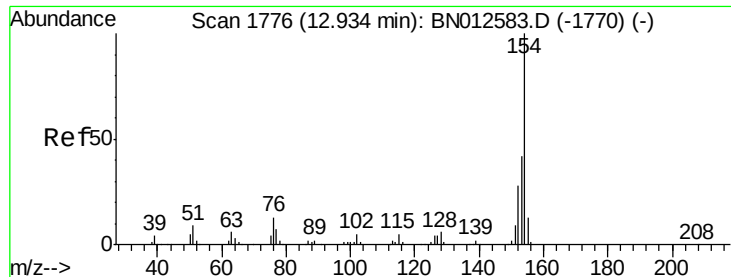
Tot Ion:142 Resp: 479181
Ion Ratio Lower Upper
142 100
141 90.0 73.8 110.8



#35
1-Methylnaphthalene
Concen: 73.350 ng/uL
RT: 12.12 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Tgt Ion:142 Resp: 2095322
Ion Ratio Lower Upper
142 100
141 91.7 74.7 112.1
116 4.4 3.4 5.0

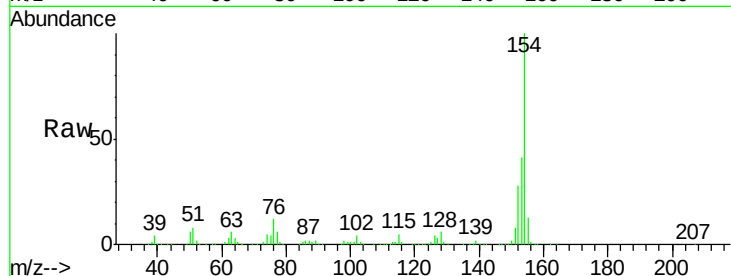




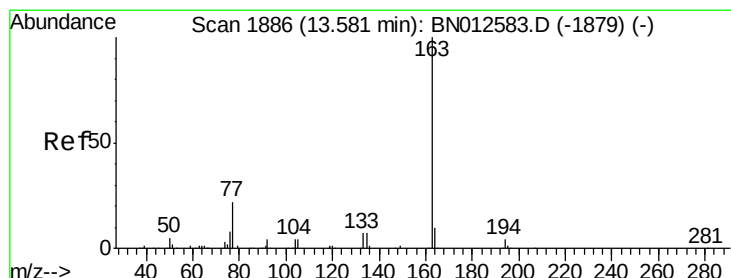
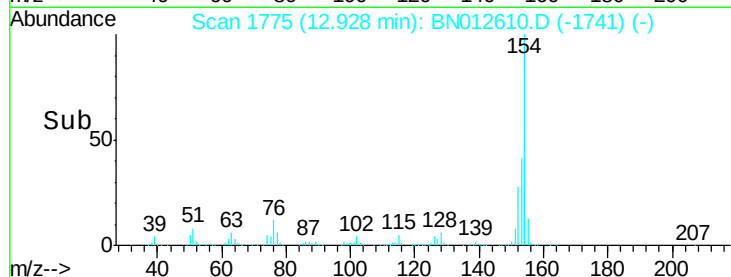
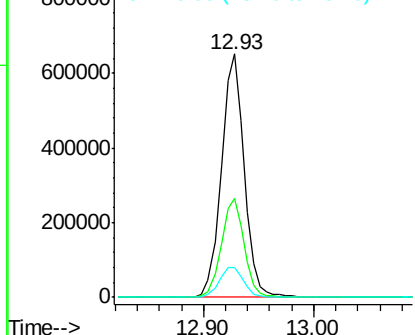
#41
 1,1'-Biphenyl
 Concen: 29.001 ng/ul
 RT: 12.93 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BN012610.D
 Acq: 19 Nov 2020 00:55

Instrument :
 BNA_N
 ClientSampled :
 DBGG9

Tot Ion:154	Resp:	939175
Ion Ratio	Lower	Upper
154	100	
153	40.6	31.4 47.0
76	12.2	9.3 13.9

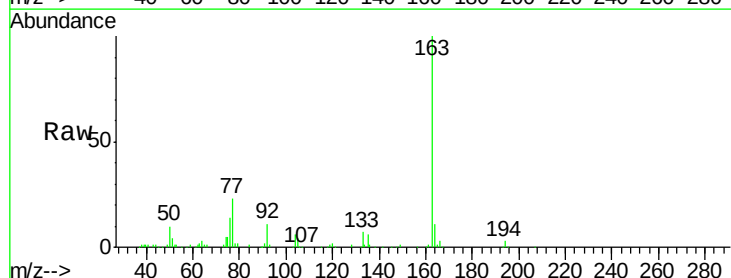


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

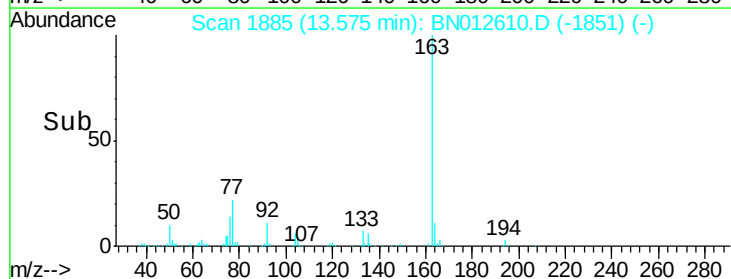
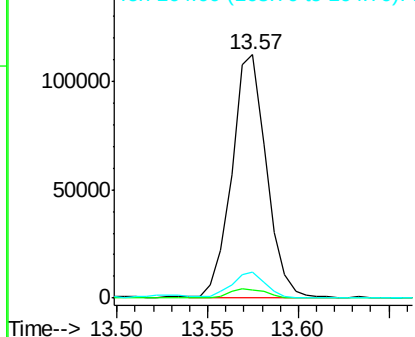


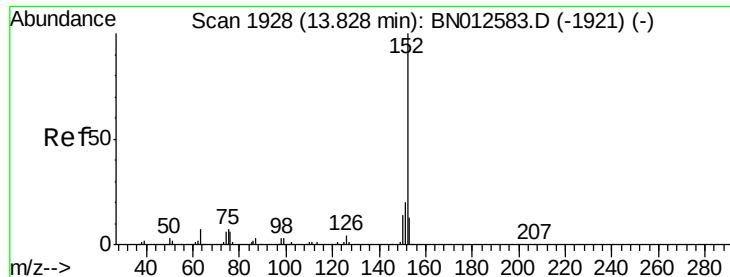
#45
 Dimethylphthalate
 Concen: 4.667 ng/ul
 RT: 13.57 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BN012610.D
 Acq: 19 Nov 2020 00:55

Tgt Ion:163	Resp:	150026
Ion Ratio	Lower	Upper
163	100	
194	3.4	3.0 4.4
164	10.6	8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 4.745 ng/ul

RT: 13.82 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

Instrument :

BNA_N

ClientSampleId :

DBG9

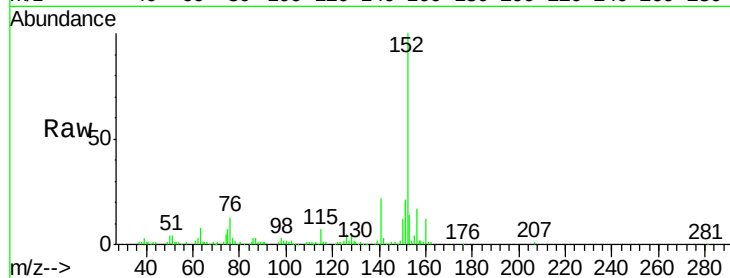
Tot Ion:152 Resp: 181000

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.5	23.3
153	14.5	10.5	15.7

152 100

151 20.7 15.5 23.3

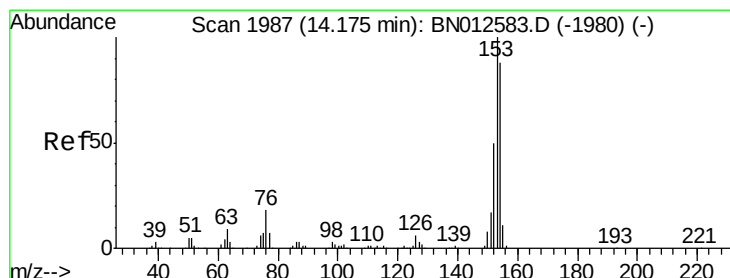
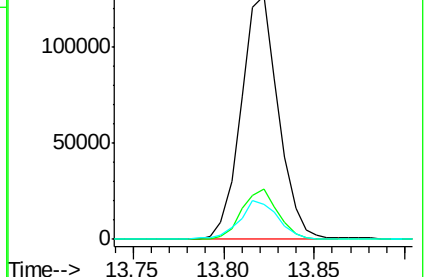
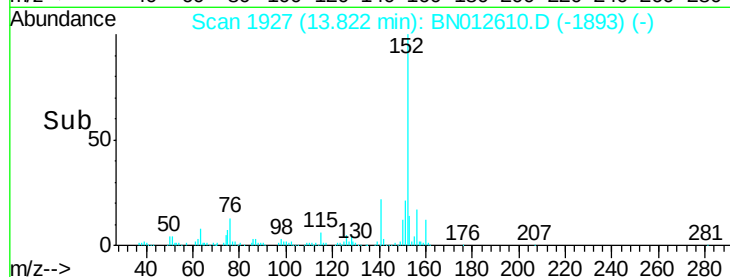
153 14.5 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 134.446 ng/ul

RT: 14.17 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

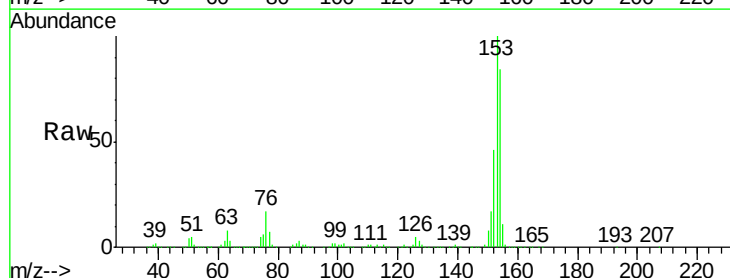
Tgt Ion:153 Resp: 3745535

Ion	Ratio	Lower	Upper
153	100		
152	45.5	37.1	55.7
154	84.3	69.7	104.5

153 100

152 45.5 37.1 55.7

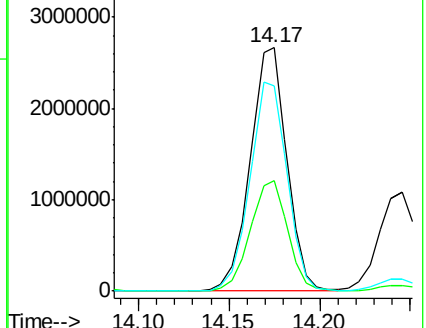
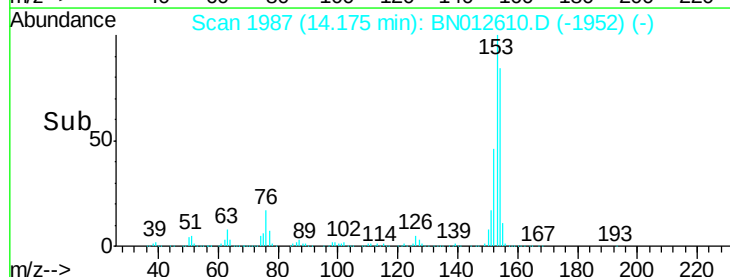
154 84.3 69.7 104.5

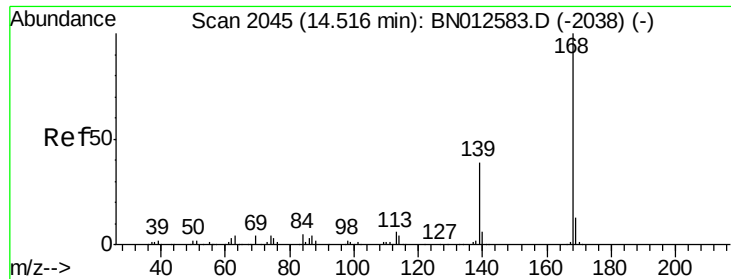


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 67.666 ng/ul

RT: 14.51 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

Instrument :

BNA_N

ClientSampleId :

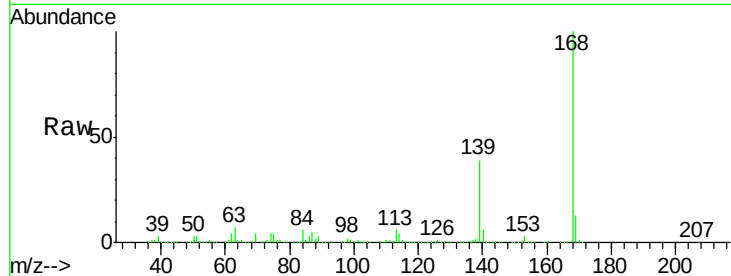
DBGG9

Tot Ion:168 Resp: 2613330

Ion Ratio Lower Upper

168 100

139 38.8 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.51

2000000

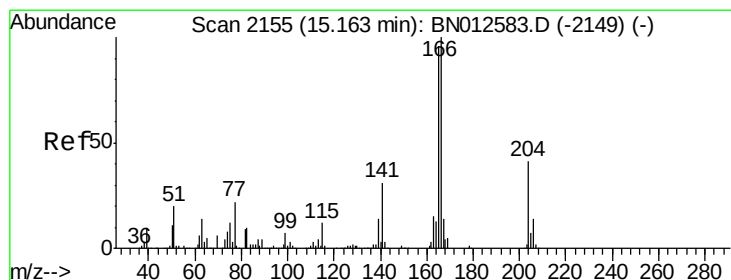
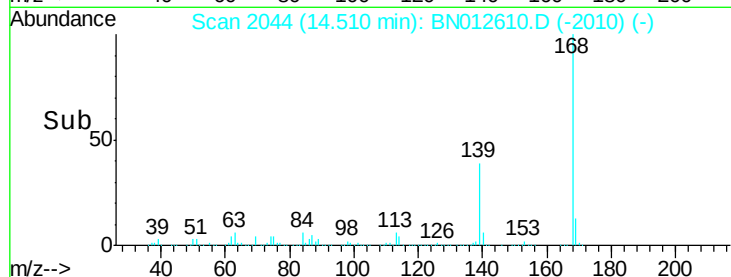
1500000

1000000

500000

0

Time--> 14.40 14.50 14.60



#59

Fluorene

Concen: 54.955 ng/ul

RT: 15.16 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

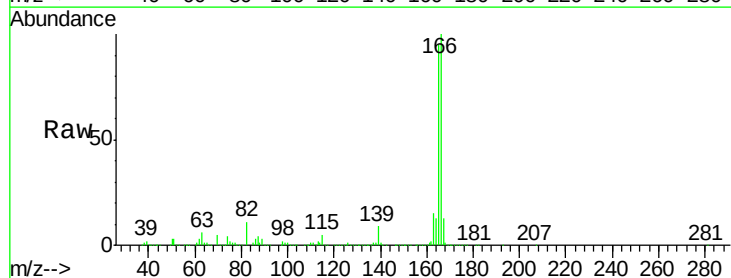
Tgt Ion:166 Resp: 1773418

Ion Ratio Lower Upper

166 100

165 94.8 83.3 124.9

167 12.8 11.0 16.6



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

15.16

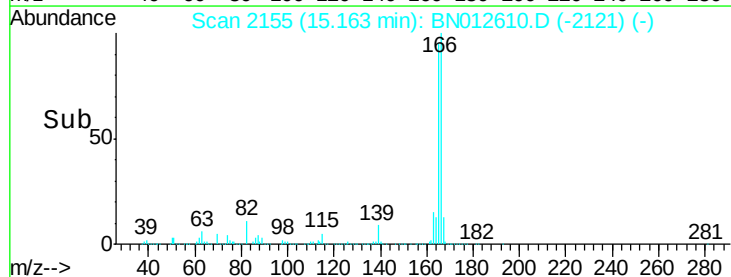
1500000

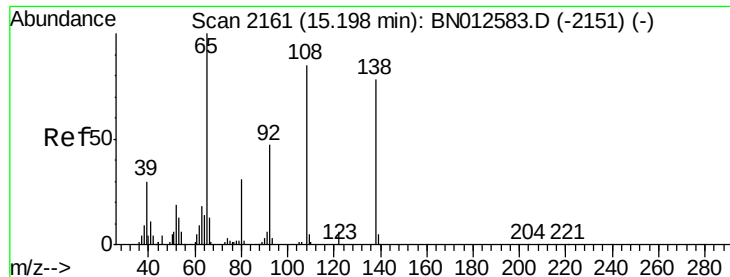
1000000

500000

0

Time--> 15.10 15.15 15.20 15.25

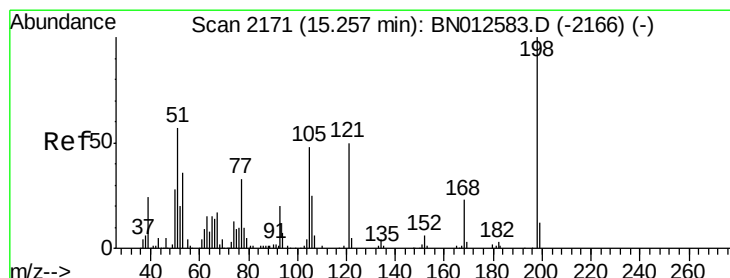
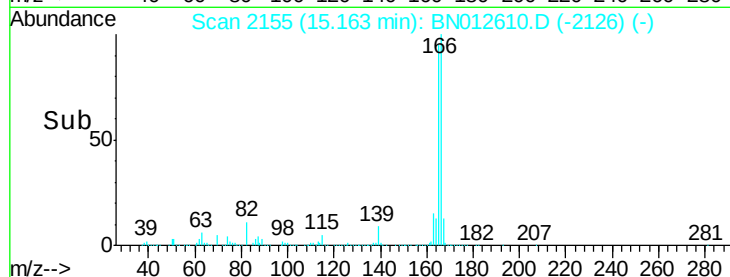
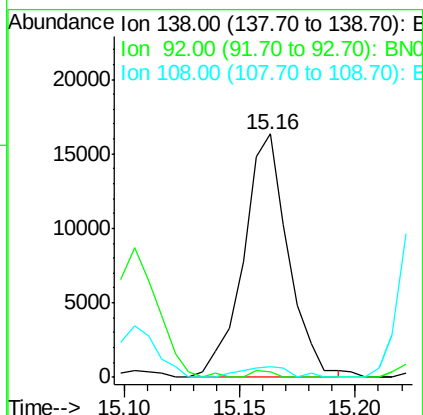
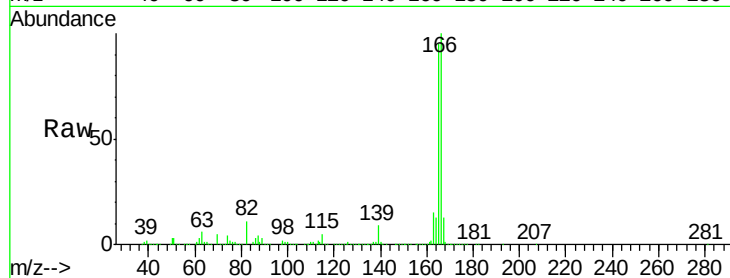




#61
4-Nitroaniline
Concen: 3.470 ng/ul
RT: 15.16 min Scan# 2155
Delta R.T. -0.03 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

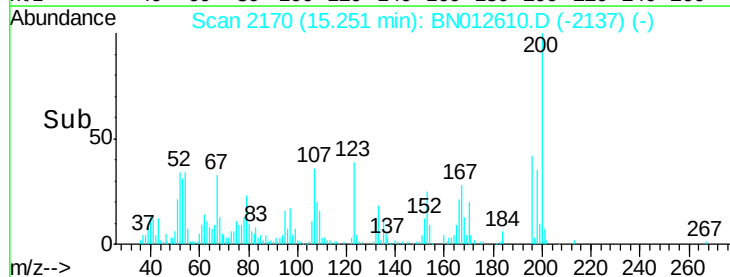
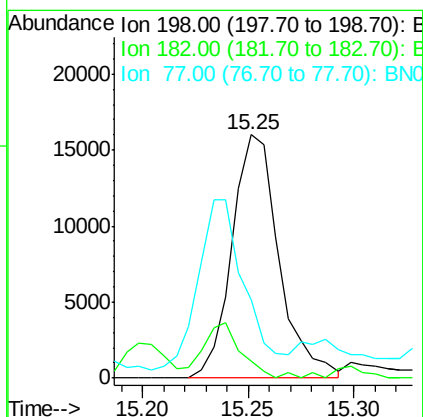
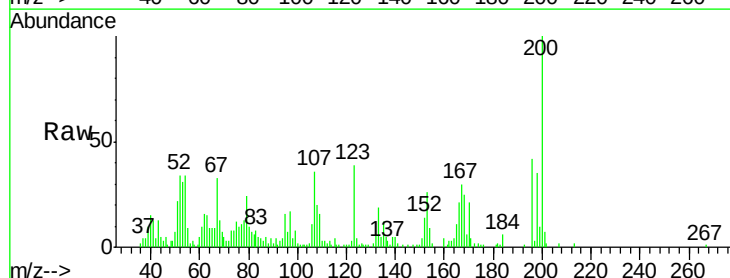
Instrument :
BNA_N
ClientSampleId :
DBG9

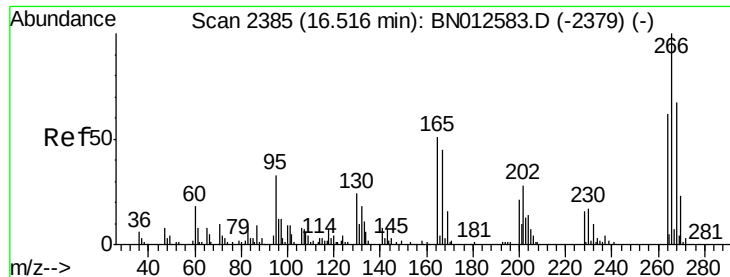
Tot Ion:138 Resp: 22064
Ion Ratio Lower Upper
138 100
92 2.2 47.0 70.4#
108 4.2 79.8 119.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.966 ng/ul
RT: 15.25 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN012610.D
Acq: 19 Nov 2020 00:55

Tgt Ion:198 Resp: 24793
Ion Ratio Lower Upper
198 100
182 6.9 3.8 5.6#
77 32.3 22.0 33.0





#69

Pentachlorophenol

Concen: 2.869 ng/ul

RT: 16.51 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

Instrument :

BNA_N

ClientSampleId :

DBGG9

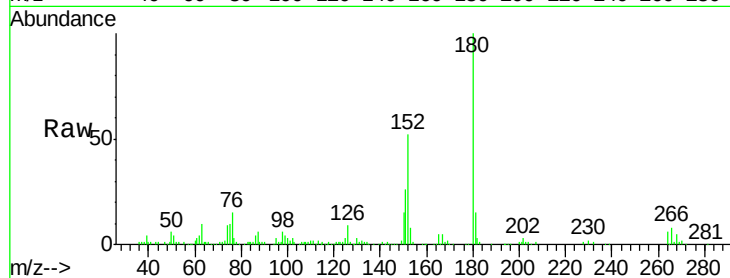
Tot Ion:266 Resp: 19563

Ion Ratio Lower Upper

266 100

264 68.1 55.0 82.6

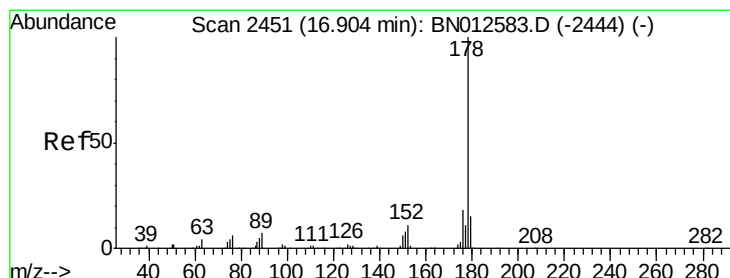
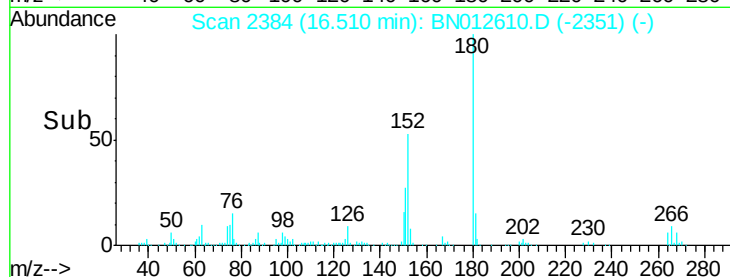
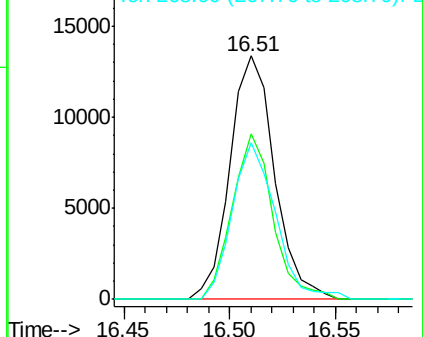
268 64.1 56.9 85.3



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: 31.314 ng/ul

RT: 16.90 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

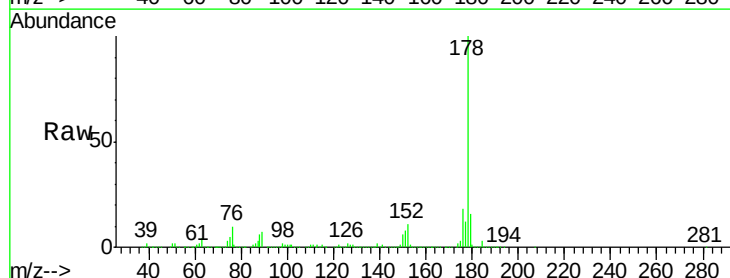
Tgt Ion:178 Resp: 1662602

Ion Ratio Lower Upper

178 100

179 15.8 13.1 19.7

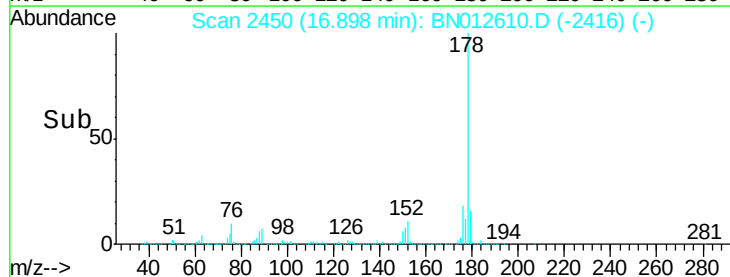
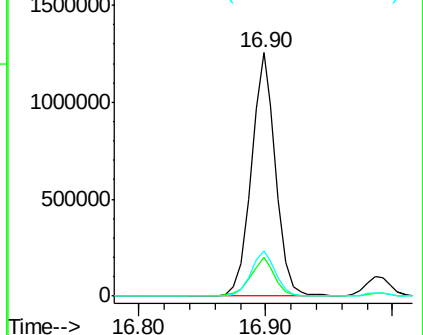
176 18.5 15.4 23.0

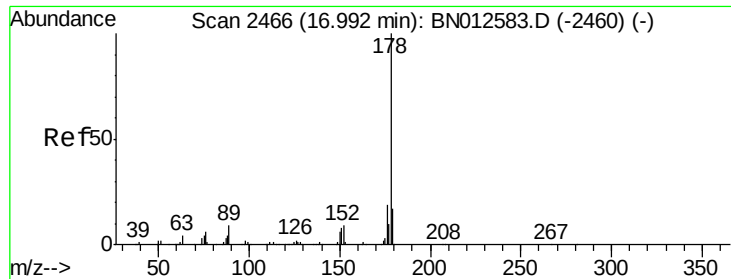


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.645 ng/ul

RT: 16.99 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

Instrument :

BNA_N

ClientSampleId :

DBGG9

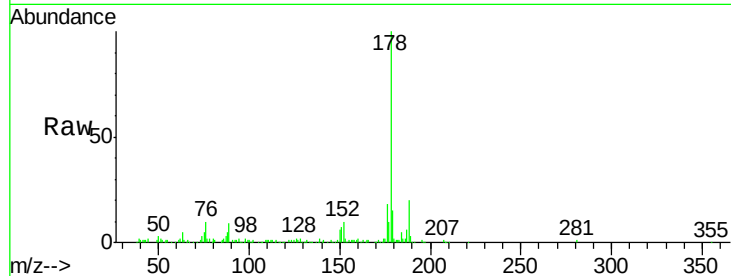
Tot Ion:178 Resp: 142350

Ion Ratio Lower Upper

178 100

179 14.5 12.4 18.6

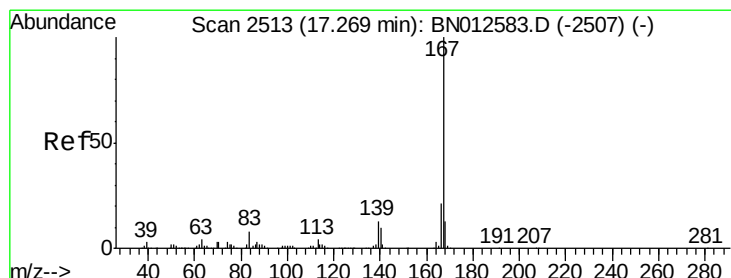
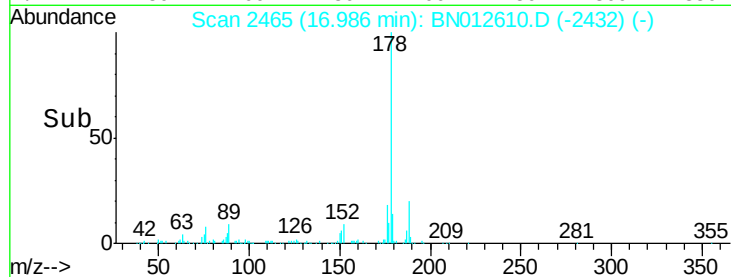
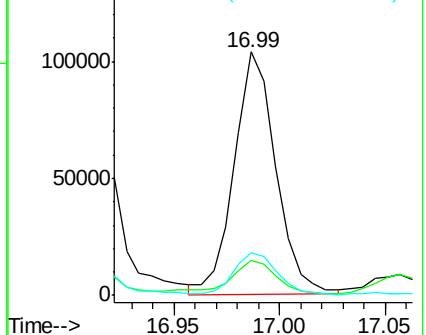
176 17.7 14.8 22.2



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



#75

Carbazole

Concen: 142.248 ng/ul

RT: 17.27 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BN012610.D

Acq: 19 Nov 2020 00:55

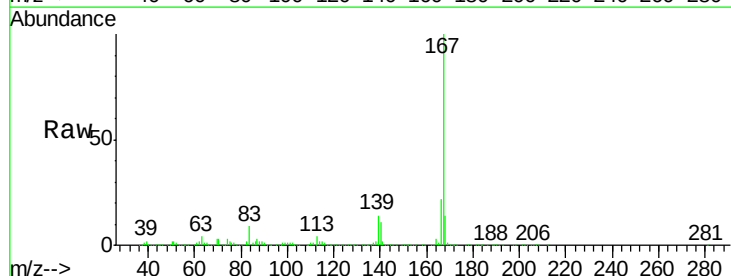
Tgt Ion:167 Resp: 6534535

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

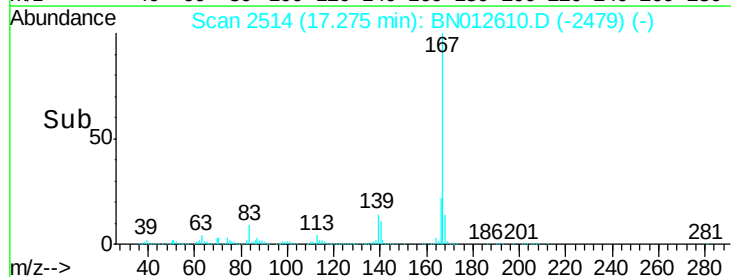
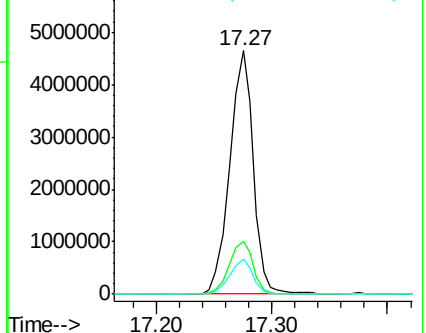
139 14.2 10.4 15.6

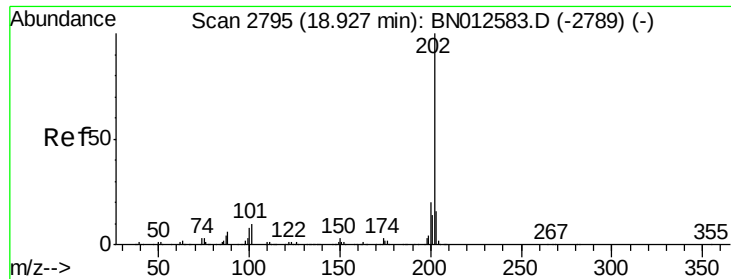


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

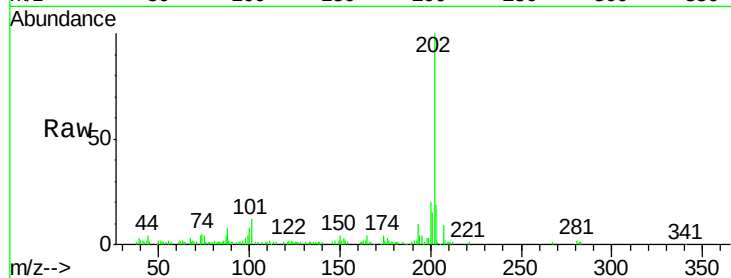




#77
 Fluoranthene
 Concen: 1.677 ng/ul
 RT: 18.92 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BN012610.D
 Acq: 19 Nov 2020 00:55

Instrument :
 BNA_N
 ClientSampleId :
 DBGG9

Tot Ion:	202	Resp:	102431
Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.2	15.2
100	8.1	7.7	11.5



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

