

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012601.D
 Acq On : 18 Nov 2020 19:30
 Operator : CG/JU
 Sample : L4726-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGE6

Quant Time: Nov 19 03:45:50 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	146471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	605777	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	397209	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	844052	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	897363	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	909387	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	21355	5.20	ng/uL	0.00
5) Phenol-d5	6.63	99	74503	5.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	236079	30.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	244812	23.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	147271	13.52	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	153668	30.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	174338	31.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	288799	27.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	26719	2.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1160125	35.76	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1320426	34.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	26949	4.44	ng/ul	0.00
58) Fluorene-d10	15.10	176	962209	33.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	199182	34.59	ng/ul	0.00
71) Anthracene-d10	16.96	188	1558416	36.35	ng/ul	0.00
79) Pyrene-d10	19.26	212	1700521	36.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1791180	36.04	ng/ul	0.00

Target Compounds

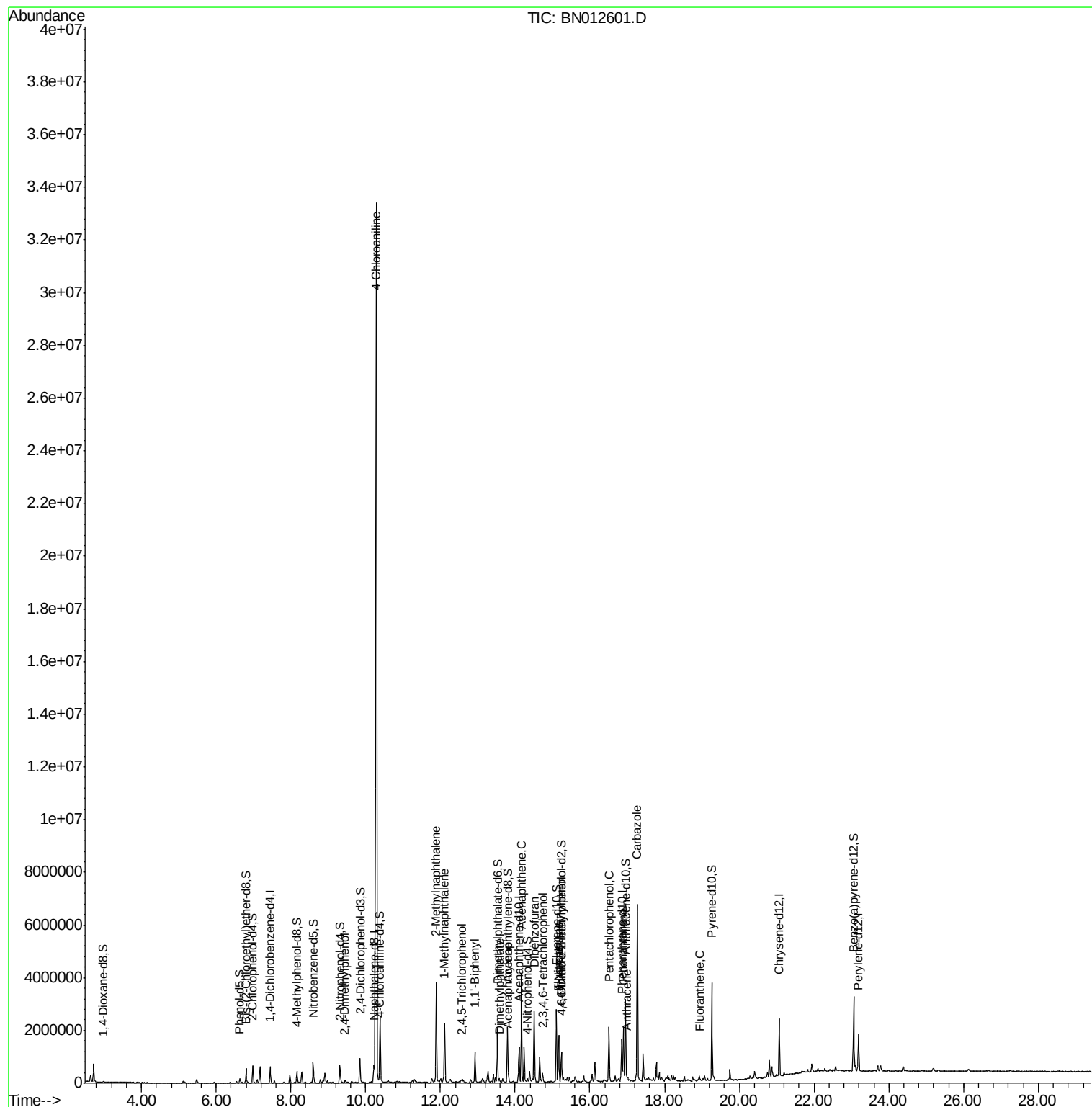
					Ovalue	
24) 2,4-Dimethylphenol	9.45	107	32416	2.555	ng/ul	94
30) 4-Chloroaniline	10.29	127	4139435	414.750	ng/ul#	2
34) 2-Methylnaphthalene	11.89	142	1646883	67.383	ng/ul	99
35) 1-Methylnaphthalene	12.11	142	910628	31.264	ng/uL	98
40) 2,4,5-Trichlorophenol	12.59	196	13418	1.568	ng/ul#	80
41) 1,1'-Biphenyl	12.93	154	526928	16.005	ng/ul	98
45) Dimethylphthalate	13.57	163	80234	2.455	ng/ul	99
48) Acenaphthylene	13.82	152	124653	3.214	ng/ul#	94
50) Acenaphthene	14.17	153	1519586	53.655	ng/ul	97
54) Dibenzofuran	14.51	168	1521750	38.759	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.74	232	53778	7.246	ng/ul	95
59) Fluorene	15.16	166	722366	22.019	ng/ul	97
61) 4-Nitroaniline	15.16	138	9410	1.456	ng/ul#	17
64) 4,6-Dinitro-2-methylphenol	15.25	198	48706	7.971	ng/ul#	72
69) Pentachlorophenol	16.51	266	215083	32.268	ng/ul	87
70) Phenanthrene	16.90	178	1048579	20.207	ng/ul	99
72) Anthracene	16.99	178	92274	1.754	ng/ul	98
75) Carbazole	17.27	167	3917128	87.244	ng/ul	99
77) Fluoranthene	18.93	202	93538	1.567	ng/ul	98

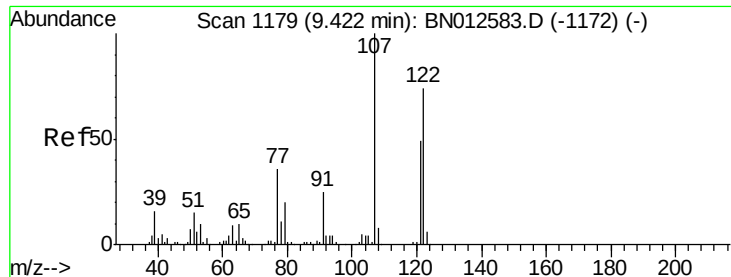
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#24

2,4-Dimethylphenol

Concen: 2.555 ng/ul

RT: 9.45 min Scan# 1183

Delta R.T. 0.04 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Instrument :

BNA_N

ClientSampled :

DBGE6

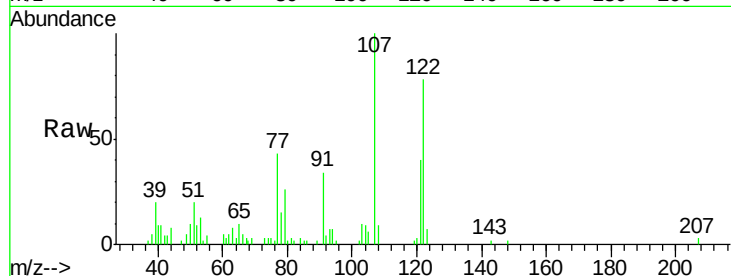
Tot Ion:107 Resp: 32416

Ion Ratio Lower Upper

107 100

121 39.7 39.3 58.9

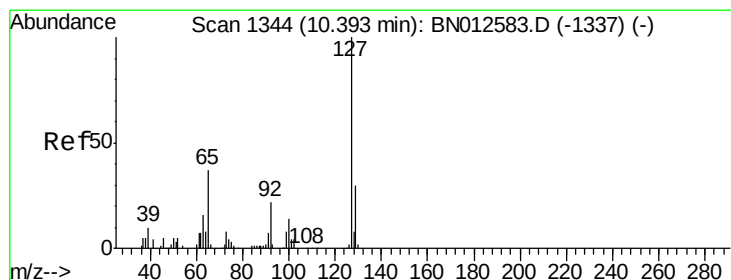
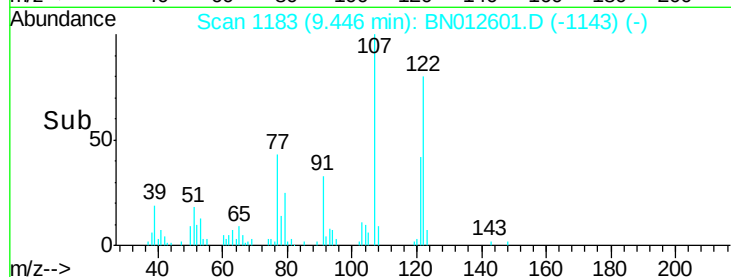
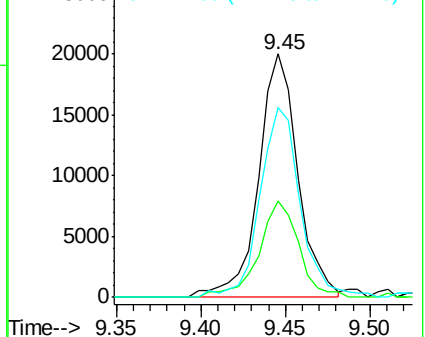
122 77.7 61.7 92.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#30

4-Chloroaniline

Concen: 414.750 ng/ul

RT: 10.29 min Scan# 1326

Delta R.T. -0.10 min

Lab File: BN012601.D

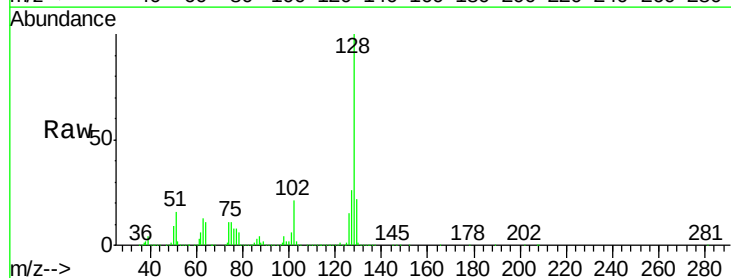
Acq: 18 Nov 2020 19:30

Tgt Ion:127 Resp: 4139435

Ion Ratio Lower Upper

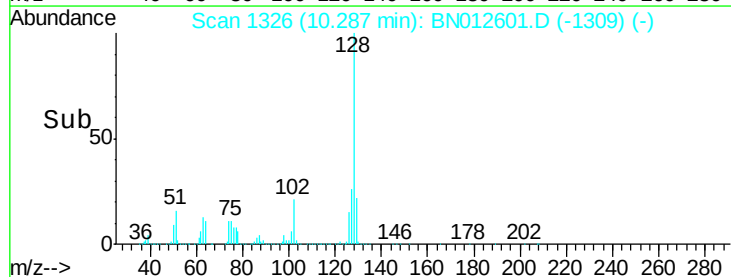
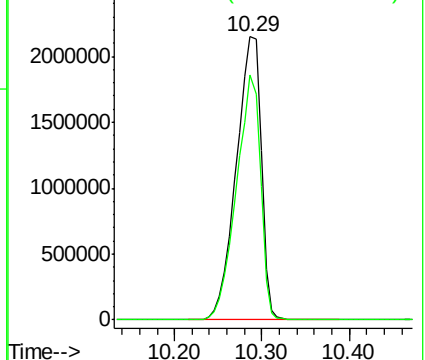
127 100

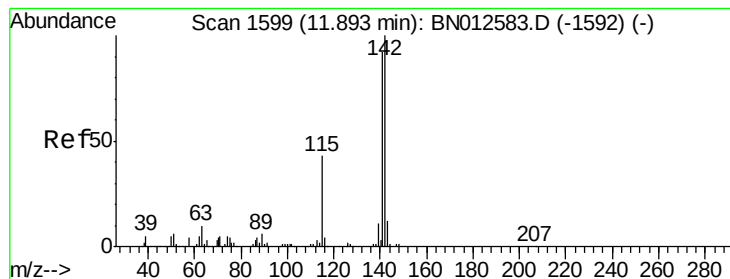
129 86.6 25.5 38.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 67.383 ng/uL

RT: 11.89 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Instrument :

BNA_N

ClientSampleId :

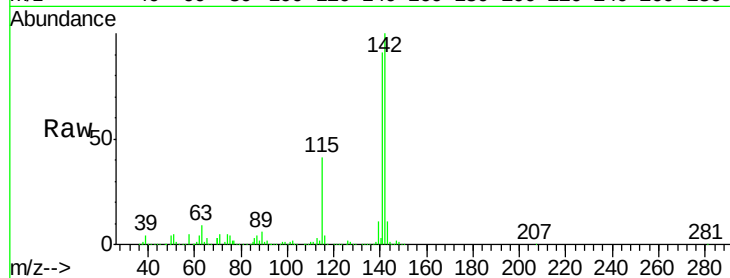
DBGE6

Tot Ion:142 Resp: 1646883

Ion Ratio Lower Upper

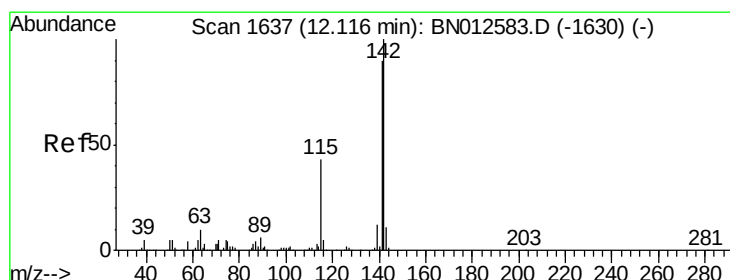
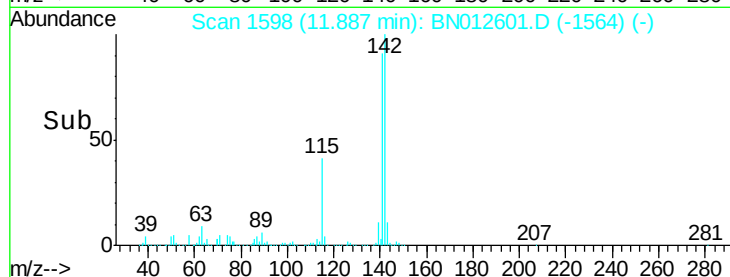
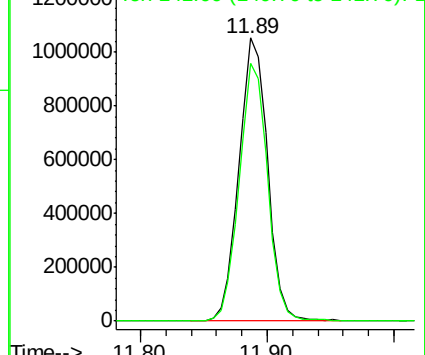
142 100

141 90.9 73.8 110.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 31.264 ng/uL

RT: 12.11 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

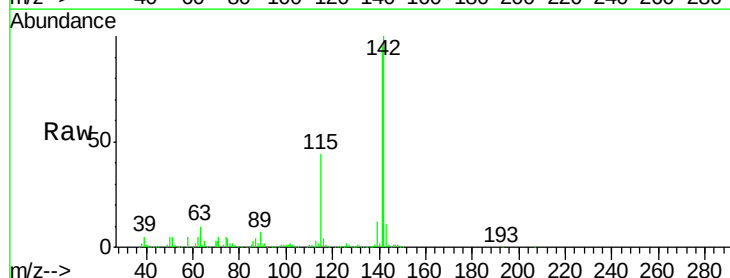
Tgt Ion:142 Resp: 910628

Ion Ratio Lower Upper

142 100

141 95.1 74.7 112.1

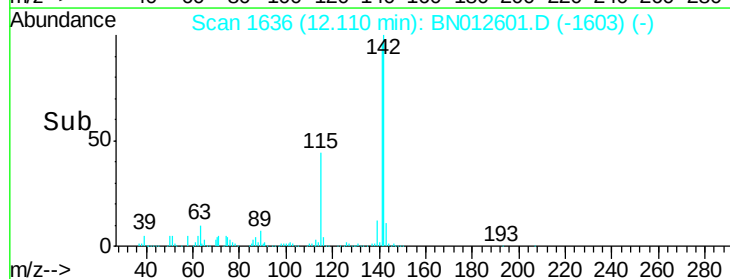
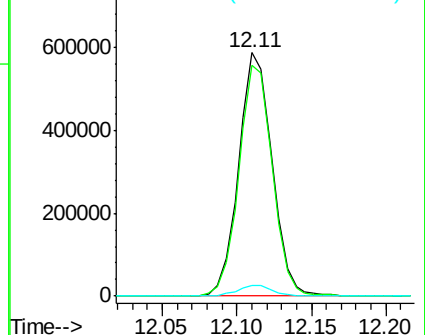
116 4.6 3.4 5.0

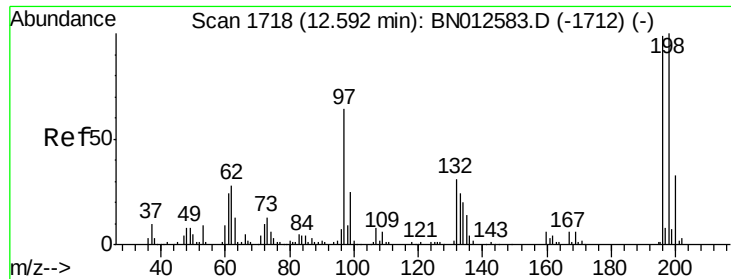


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

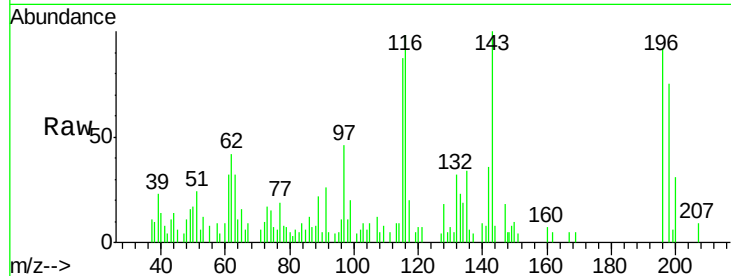




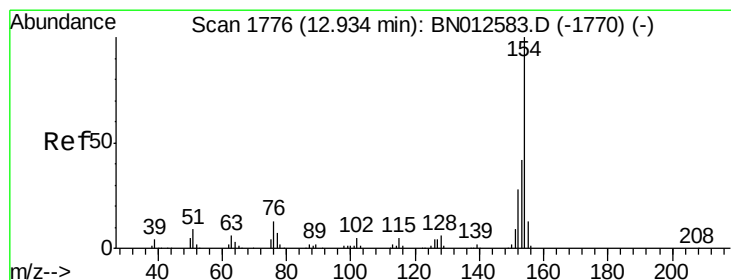
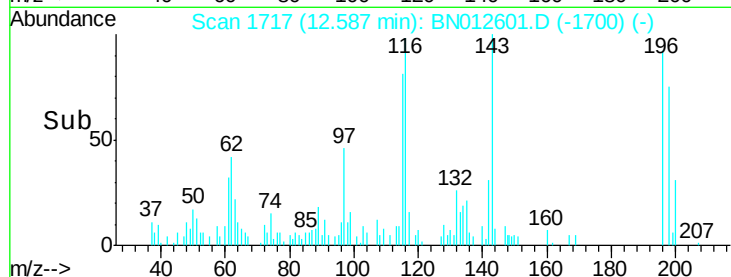
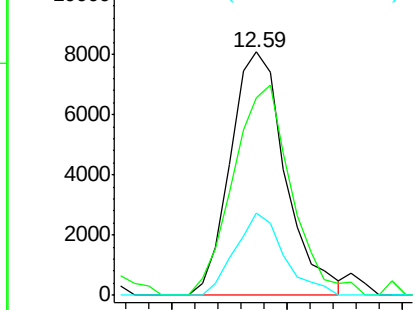
#40
 2,4,5-Trichlorophenol
 Concen: 1.568 ng/ul
 RT: 12.59 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Instrument :
 BNA_N
 ClientSampled :
 DBGE6

Tot Ion:196 Resp: 13418
 Ion Ratio Lower Upper
 196 100
 198 81.3 83.8 125.6#
 200 34.0 23.8 35.6

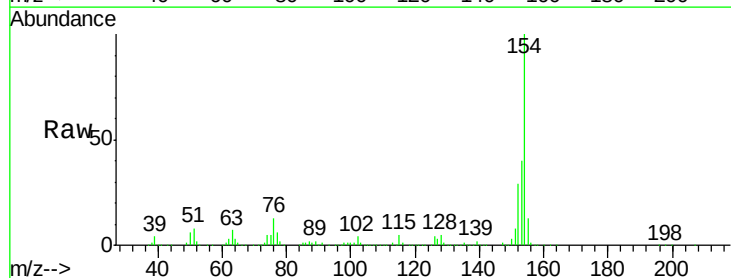


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

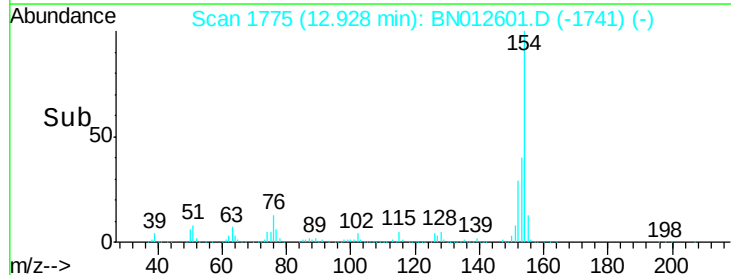
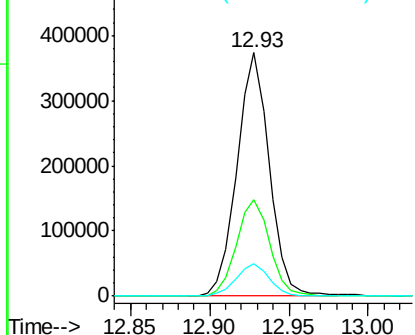


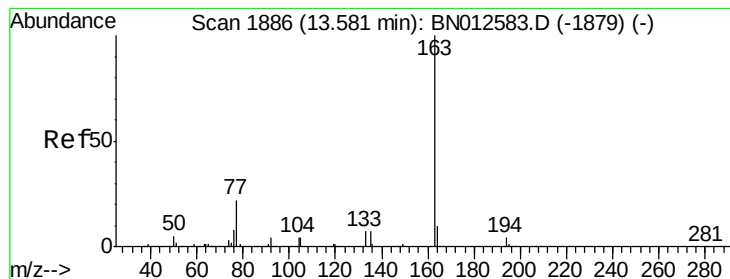
#41
 1,1'-Biphenyl
 Concen: 16.005 ng/ul
 RT: 12.93 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Tgt Ion:154 Resp: 526928
 Ion Ratio Lower Upper
 154 100
 153 39.6 31.4 47.0
 76 13.4 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: 2.455 ng/ul

RT: 13.57 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Instrument :

BNA_N

ClientSampleId :

DBGE6

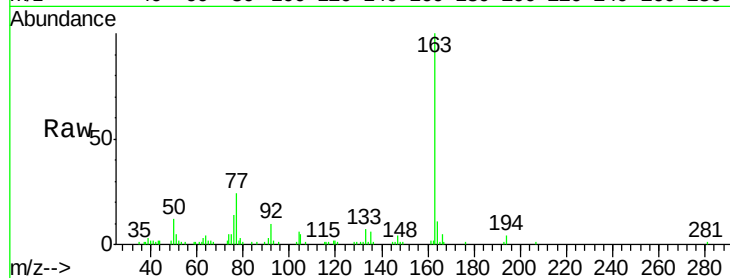
Tot Ion:163 Resp: 80234

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

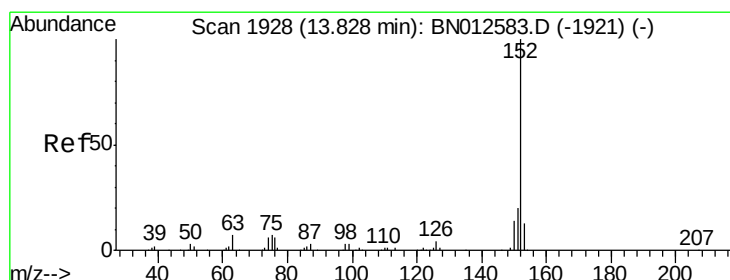
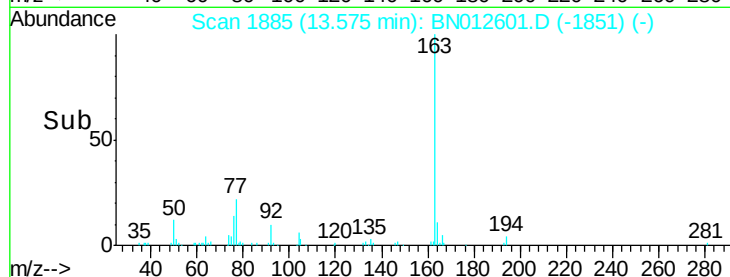
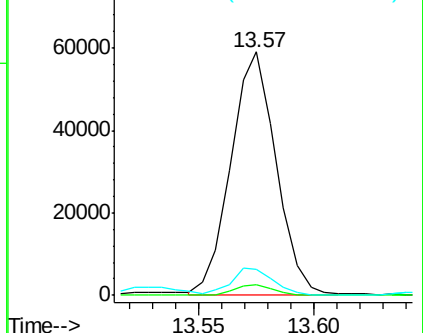
164 10.6 8.6 13.0



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: 3.214 ng/ul

RT: 13.82 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

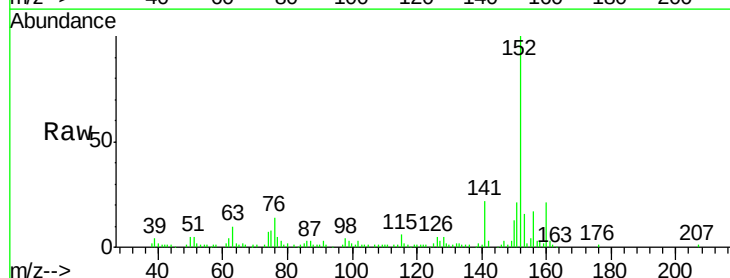
Tgt Ion:152 Resp: 124653

Ion Ratio Lower Upper

152 100

151 21.2 15.5 23.3

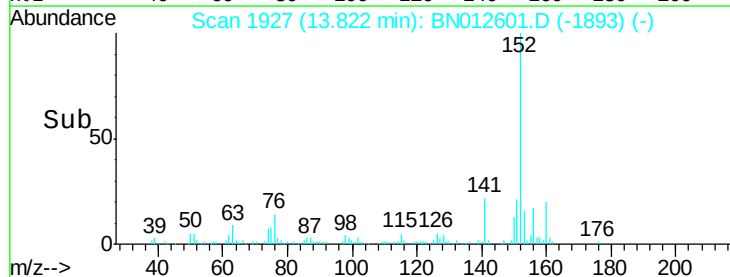
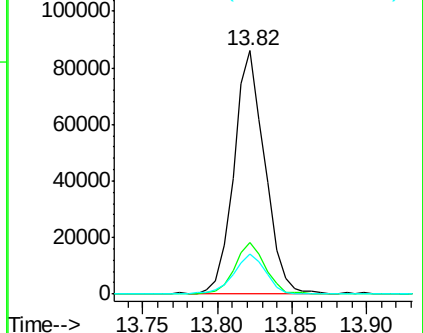
153 16.4 10.5 15.7#

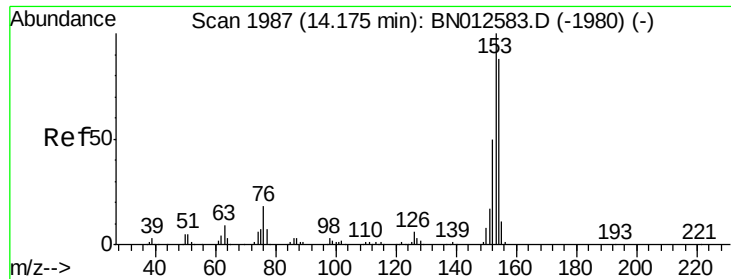


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 53.655 ng/ul

RT: 14.17 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Instrument :

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ClientSampled :

DBGE6

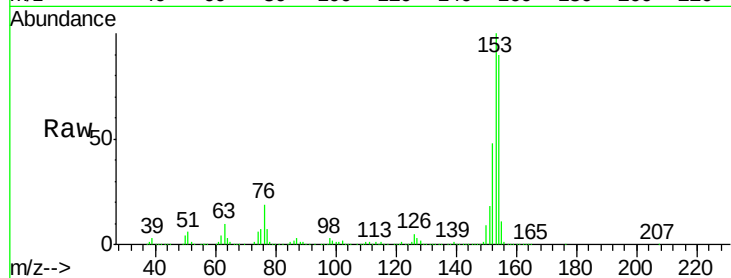
Tot Ion:153 Resp: 1519586

Ion Ratio Lower Upper

153 100

152 48.3 37.1 55.7

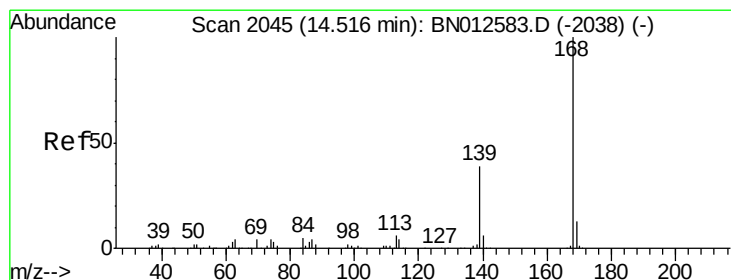
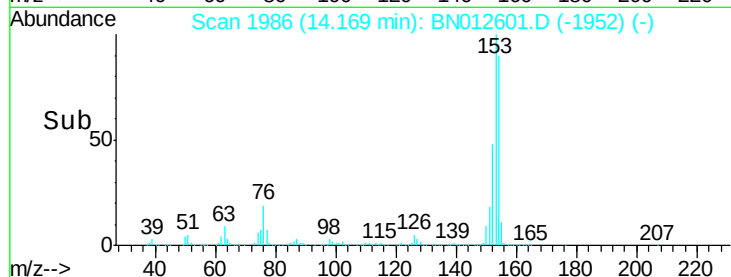
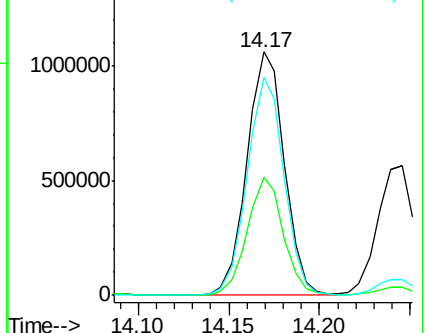
154 89.5 69.7 104.5



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

Dibenzofuran

Concen: 38.759 ng/ul

RT: 14.51 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BN012601.D

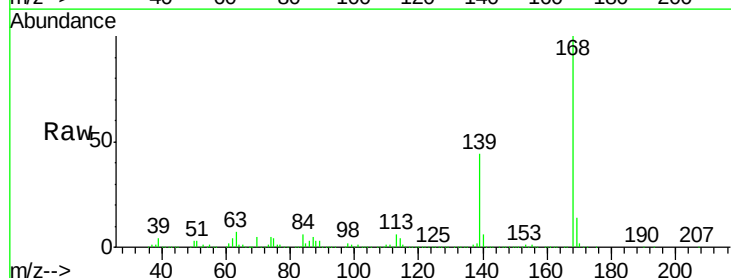
Acq: 18 Nov 2020 19:30

Tgt Ion:168 Resp: 1521750

Ion Ratio Lower Upper

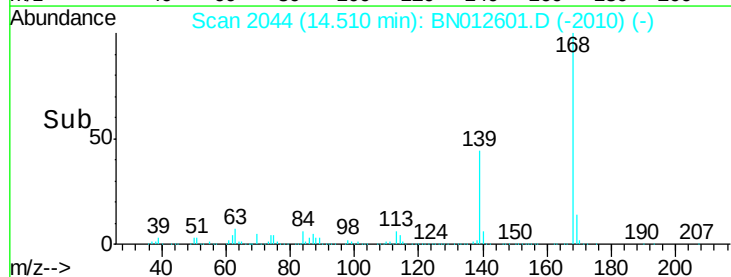
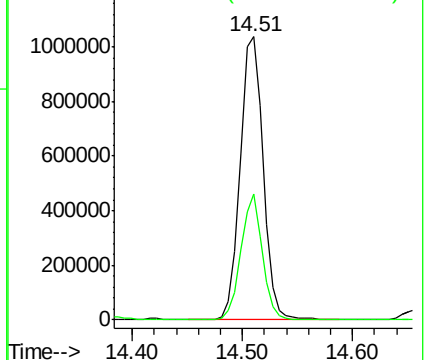
168 100

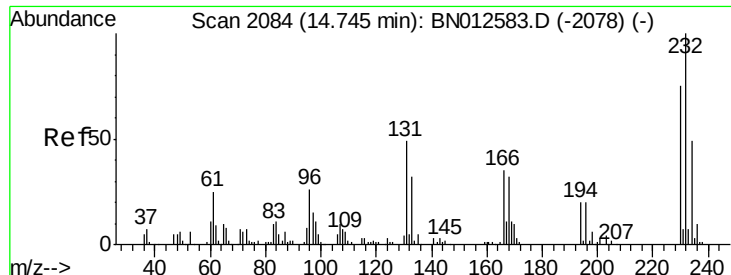
139 44.3 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

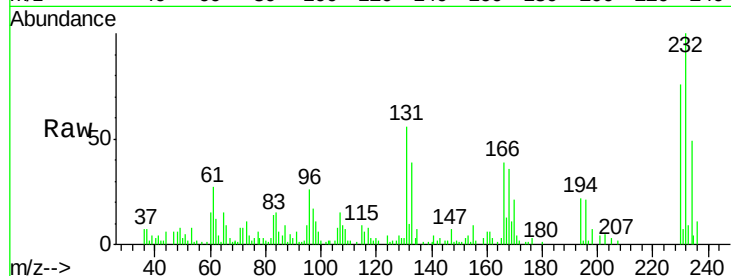




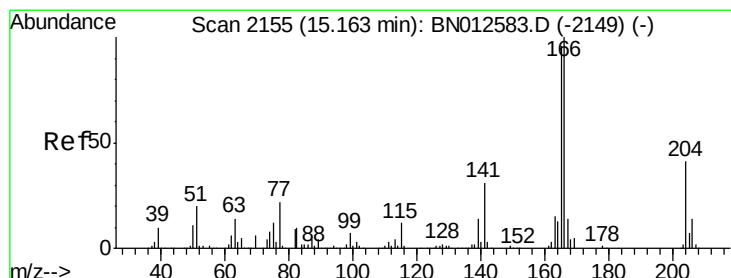
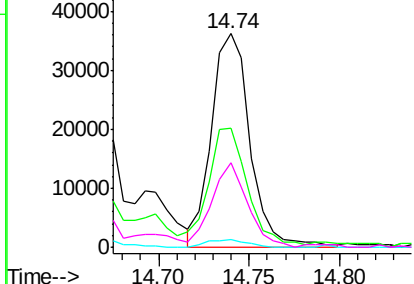
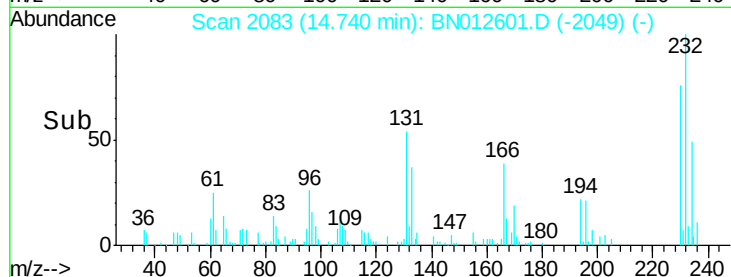
#56
2,3,4,6-Tetrachlorophenol
Concen: 7.246 ng/ul
RT: 14.74 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BN012601.D
Acq: 18 Nov 2020 19:30

Instrument :
BNA_N
ClientSampleId :
DBGE6

Tot Ion:232 Resp: 53778
Ion Ratio Lower Upper
232 100
131 55.8 42.9 64.3
130 3.5 2.5 3.7
166 39.4 27.1 40.7

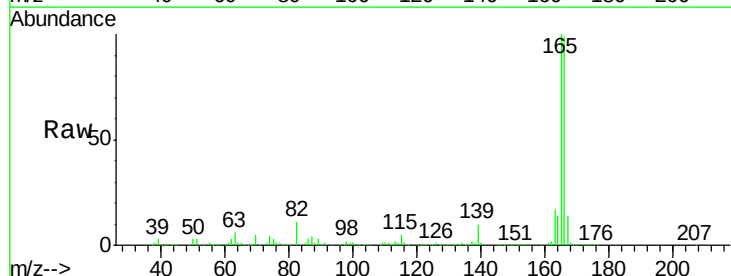


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

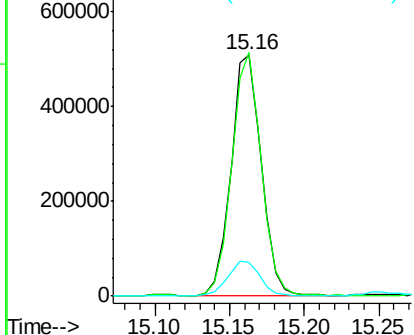
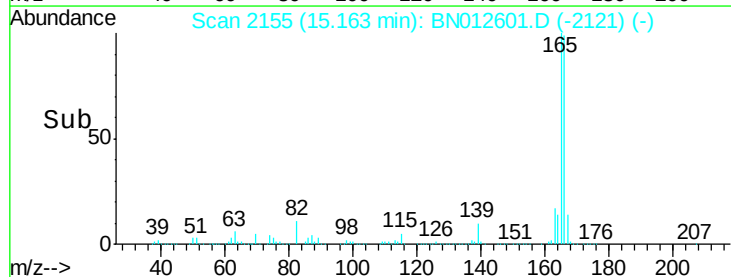


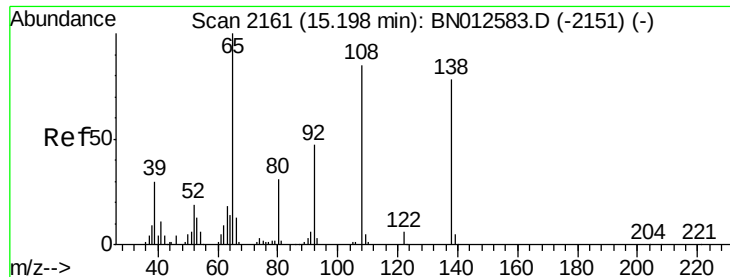
#59
Fluorene
Concen: 22.019 ng/ul
RT: 15.16 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BN012601.D
Acq: 18 Nov 2020 19:30

Tgt Ion:166 Resp: 722366
Ion Ratio Lower Upper
166 100
165 100.9 83.3 124.9
167 14.1 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

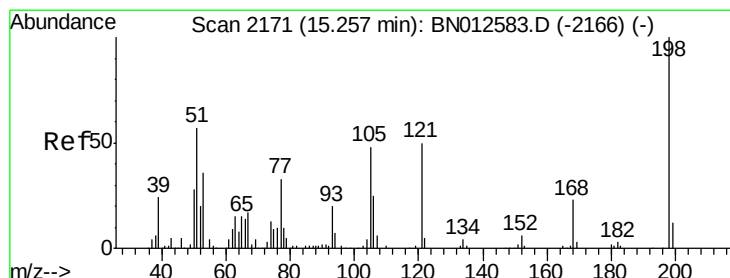
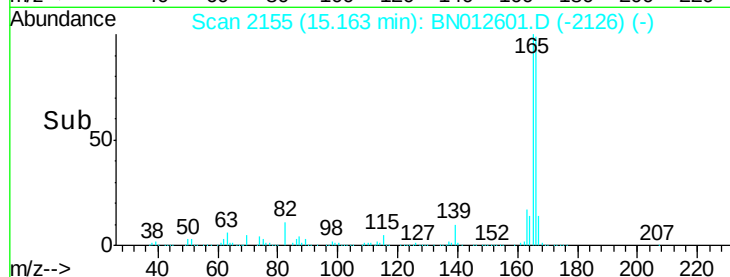
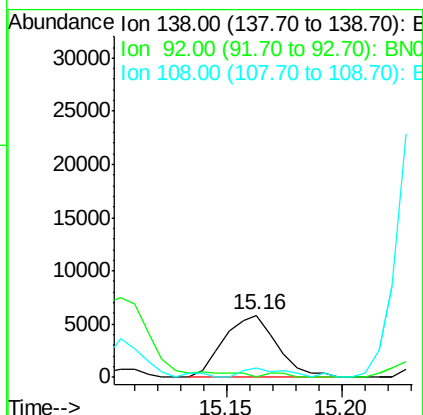
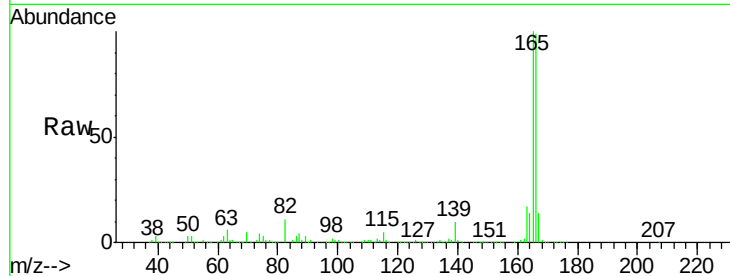




#61
4-Nitroaniline
Concen: 1.456 ng/ul
RT: 15.16 min Scan# 2155
Delta R.T. -0.03 min
Lab File: BN012601.D
Acq: 18 Nov 2020 19:30

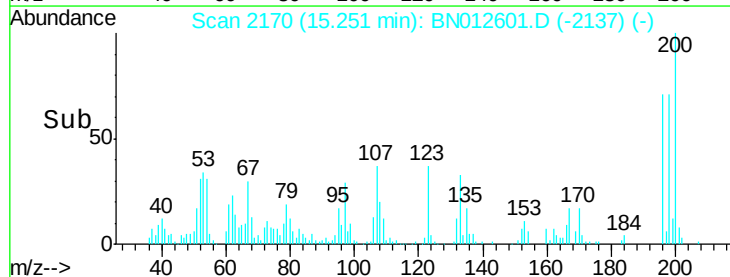
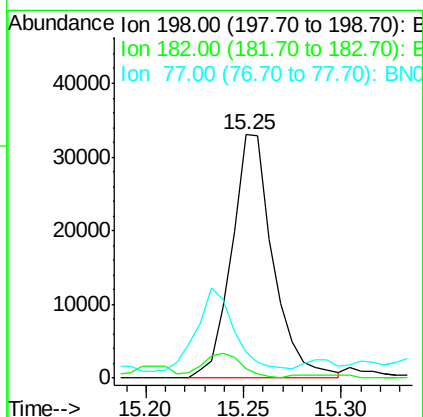
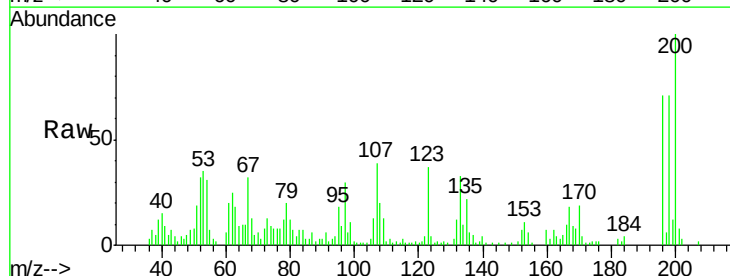
Instrument :
BNA_N
ClientSampleId :
DBGE6

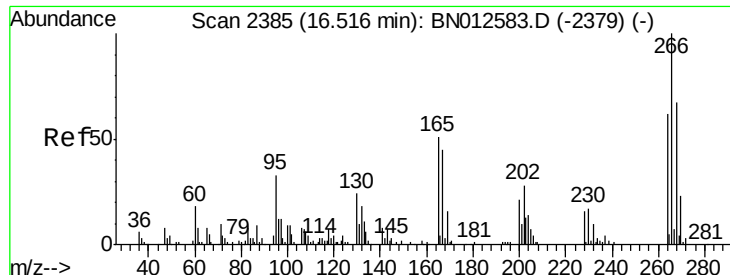
Tot Ion:138 Resp: 9410
Ion Ratio Lower Upper
138 100
92 0.0 47.0 70.4#
108 14.4 79.8 119.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 7.971 ng/ul
RT: 15.25 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN012601.D
Acq: 18 Nov 2020 19:30

Tgt Ion:198 Resp: 48706
Ion Ratio Lower Upper
198 100
182 3.6 3.8 5.6#
77 10.6 22.0 33.0#

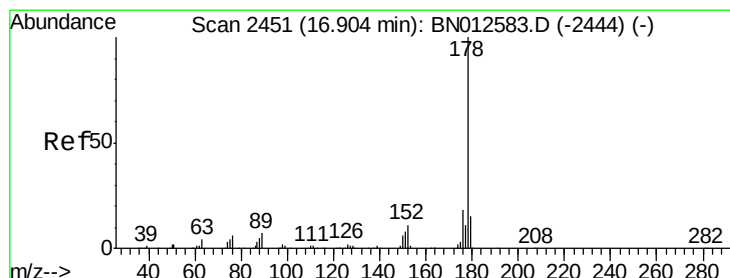
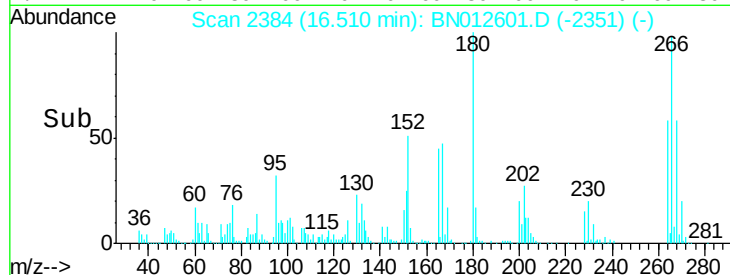
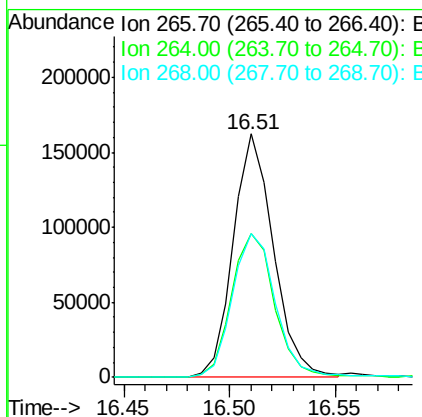
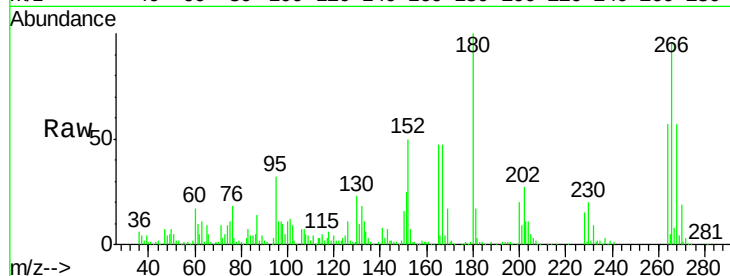




#69
 Pentachlorophenol
 Concen: 32.268 ng/ul
 RT: 16.51 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

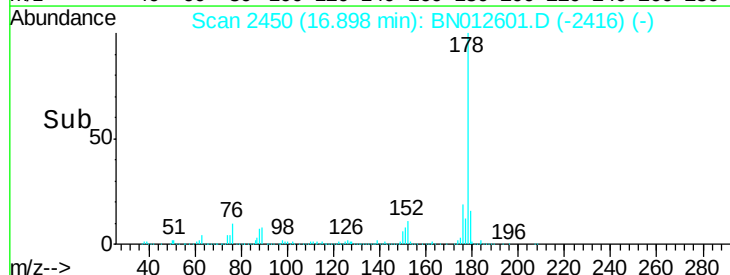
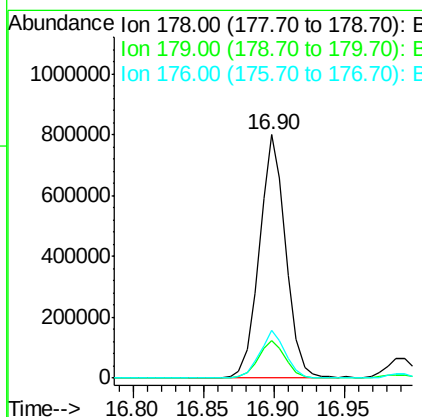
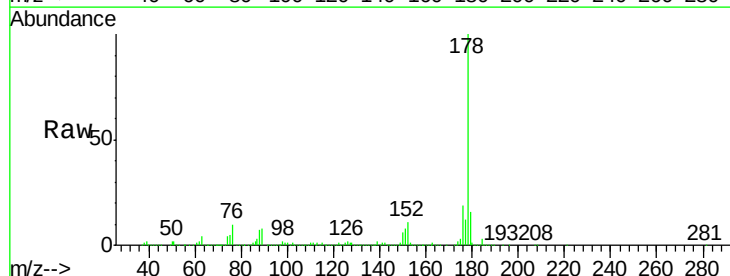
Instrument :
 BNA_N
 ClientSampled :
 DBGE6

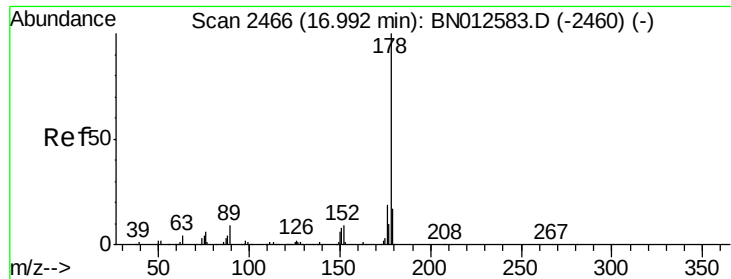
Tot Ion:266 Resp: 215083
 Ion Ratio Lower Upper
 266 100
 264 59.2 55.0 82.6
 268 59.3 56.9 85.3



#70
 Phenanthrene
 Concen: 20.207 ng/ul
 RT: 16.90 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Tgt Ion:178 Resp: 1048579
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.1 19.7
 176 19.4 15.4 23.0





#72

Anthracene

Concen: 1.754 ng/ul

RT: 16.99 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Instrument :

BNA_N

ClientSampleId :

DBGE6

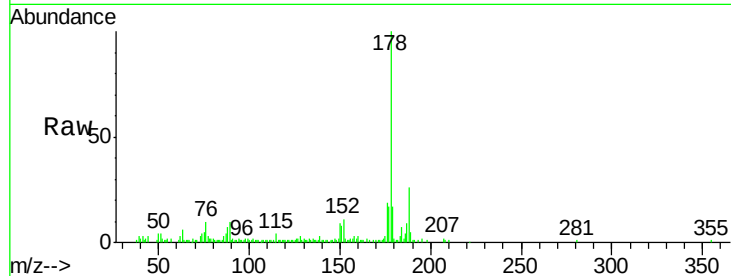
Tot Ion:178 Resp: 92274

Ion Ratio Lower Upper

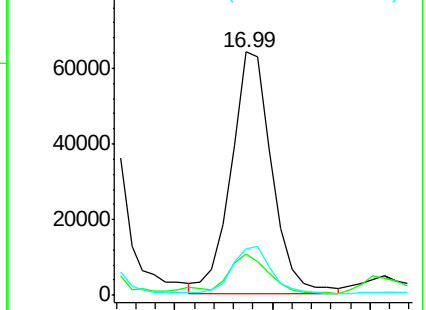
178 100

179 17.3 12.4 18.6

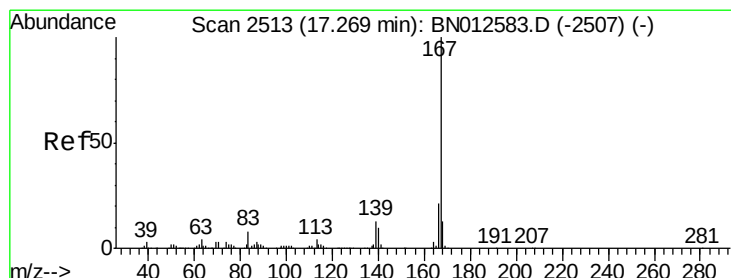
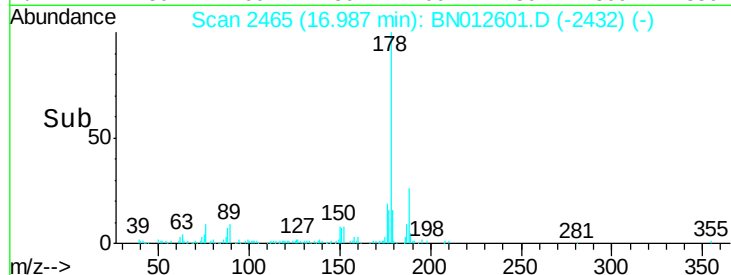
176 19.0 14.8 22.2



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



Time-->



#75

Carbazole

Concen: 87.244 ng/ul

RT: 17.27 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

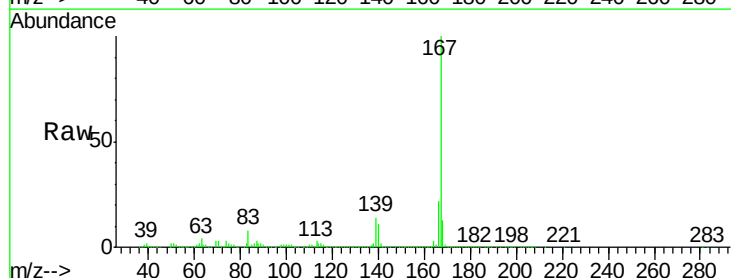
Tgt Ion:167 Resp: 3917128

Ion Ratio Lower Upper

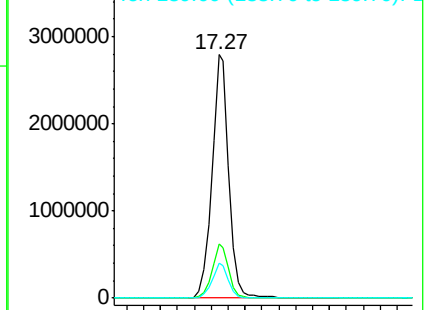
167 100

166 22.0 17.8 26.8

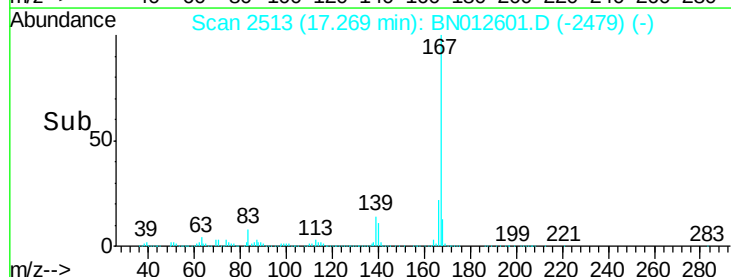
139 14.1 10.4 15.6

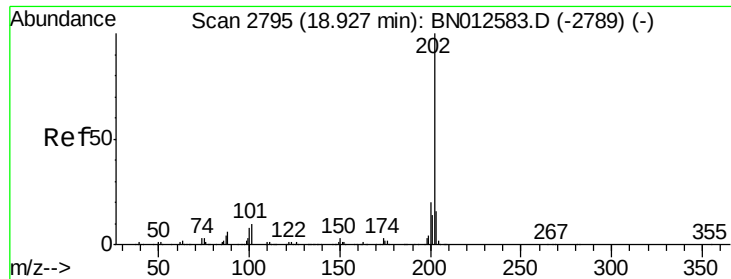


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->





#77
 Fluoranthene
 Concen: 1.567 ng/ul
 RT: 18.93 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Instrument :
 BNA_N
 ClientSampleId :
 DBGE6

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.2	15.2
100	9.7	7.7	11.5

