

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012603.D
 Acq On : 18 Nov 2020 20:42
 Operator : CG/JU
 Sample : L4726-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBGF2

Manual Integrations
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 11/20/2020 11:29:59 AM

Quant Time: Nov 19 06:21:55 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	144319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	617982	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.10	164	405485	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	880314	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	886365	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	925174	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	20489	5.06	ng/uL	0.00
5) Phenol-d5	6.63	99	81076	6.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	261016	33.75	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	272391	26.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	167118	15.57	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	167485	33.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	198910	35.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	318241	29.73	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.53	166	1251317	37.78	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1467714	37.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	35965	5.80	ng/ul	0.00
58) Fluorene-d10	15.10	176	1055195	36.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	244616	40.73	ng/ul	0.00
71) Anthracene-d10	16.96	188	1829055	40.90	ng/ul	0.00
79) Pyrene-d10	19.26	212	1969702	42.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	2117193	41.87	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.28	128	28940263m	810.084	ng/ul
34) 2-Methylnaphthalene	11.89	142	2683299	107.620	ng/ul
40) 2,4,5-Trichlorophenol	12.59	196	20586	2.357	ng/ul
41) 1,1'-Biphenyl	12.93	154	717237	21.341	ng/ul
45) Dimethylphthalate	13.57	163	77486	2.323	ng/ul
48) Acenaphthylene	13.82	152	192269	4.857	ng/ul
50) Acenaphthene	14.17	153	1773813	61.353	ng/ul
54) Dibenzofuran	14.51	168	2167723	54.085	ng/ul
56) 2,3,4,6-Tetrachlorophenol	14.74	232	68897	9.094	ng/ul
59) Fluorene	15.16	166	1184778	35.377	ng/ul
64) 4,6-Dinitro-2-methylphenol	15.26	198	74864	11.747	ng/ul#
69) Pentachlorophenol	16.51	266	211330	30.399	ng/ul
70) Phenanthrene	16.90	178	1288961	23.816	ng/ul
72) Anthracene	16.99	178	104311	1.901	ng/ul
75) Carbazole	17.27	167	5714504	122.033	ng/ul

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

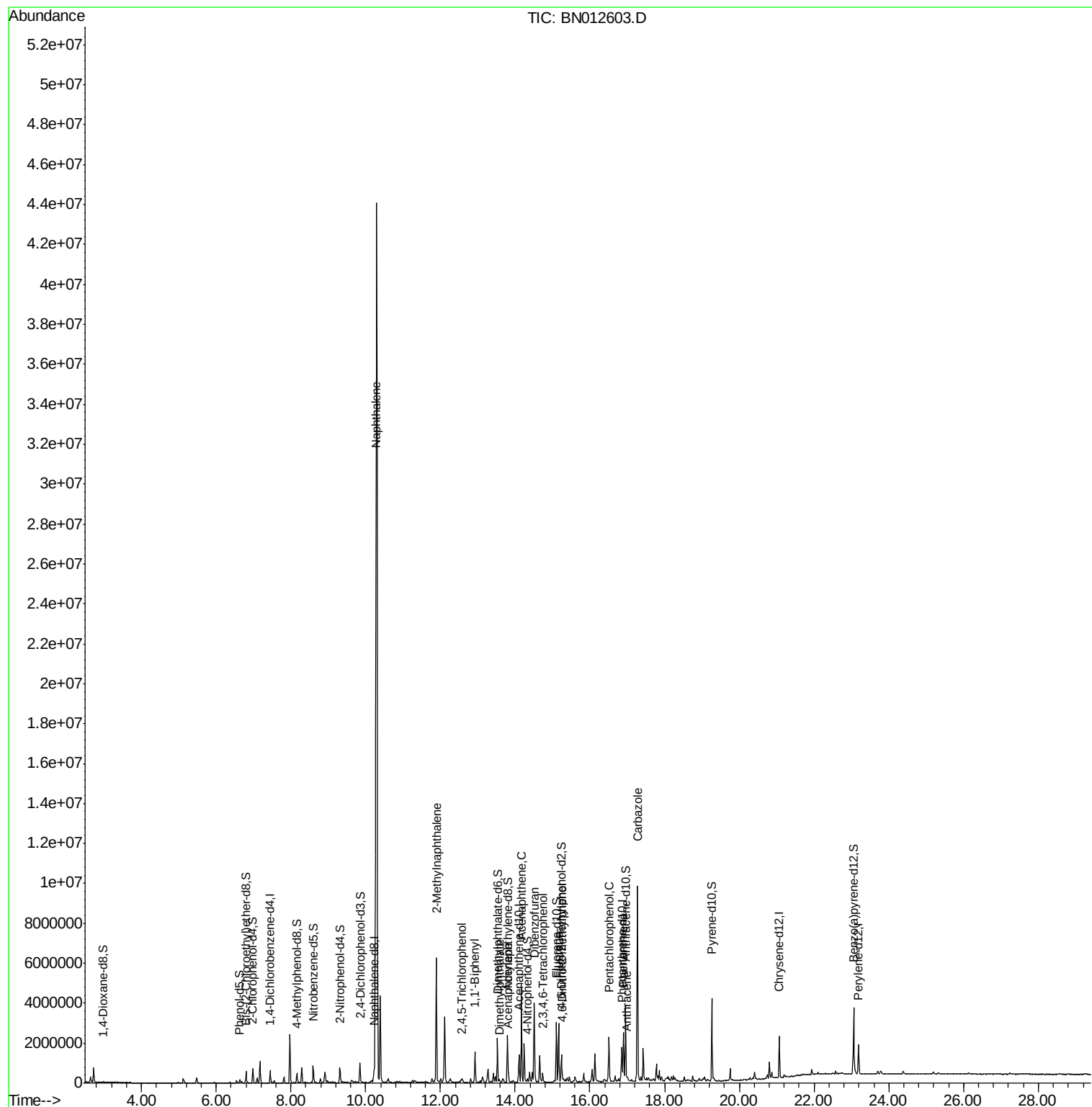
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012603.D
Acq On : 18 Nov 2020 20:42
Operator : CG/JU
Sample : L4726-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

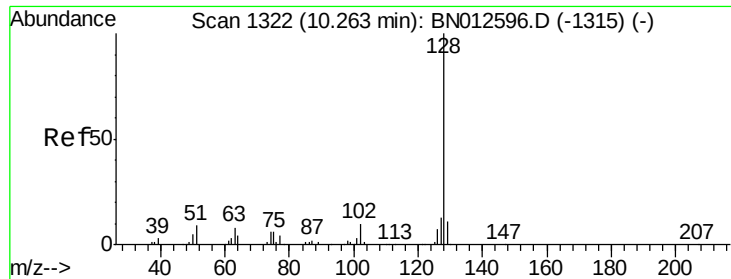
Instrument :
BNA_N
ClientSampleId :
DBGF2

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Quant Title : SVOA CALIBRATION
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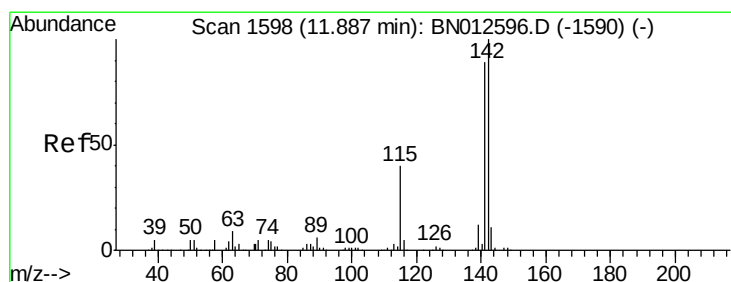
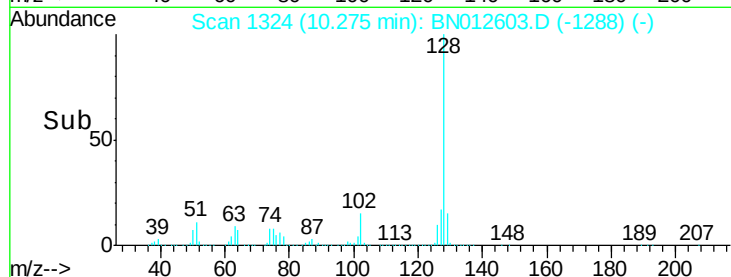
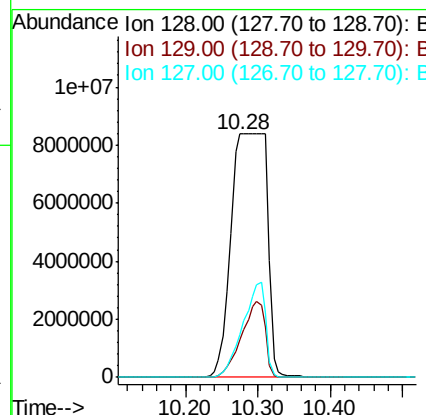
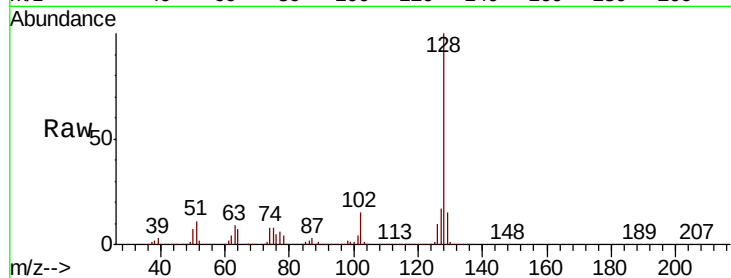
#28
Naphthalene
Concen: 810.084 ng/ul m
RT: 10.28 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BN012603.D
Acq: 18 Nov 2020 20:42

Instrument :
BNA_N
ClientSampleId :
DBGF2

Tot Ion:128 Resp:28940263
Ion Ratio Lower Upper
128 100
129 15.2 8.6 12.8#
127 17.4 11.6 17.4

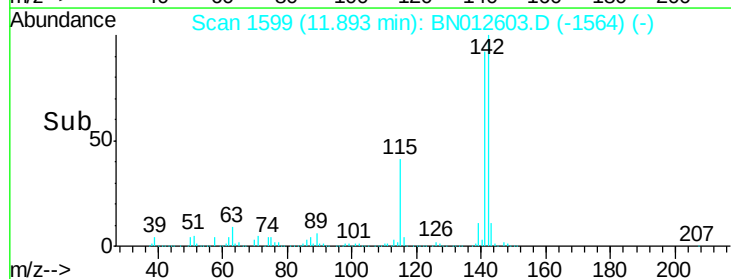
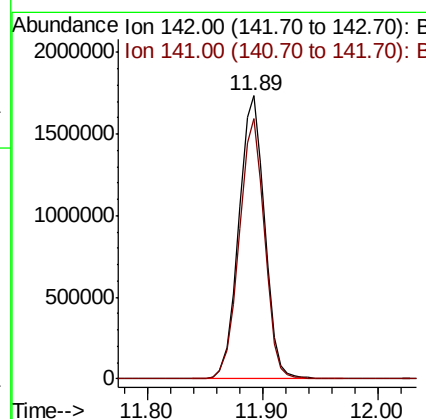
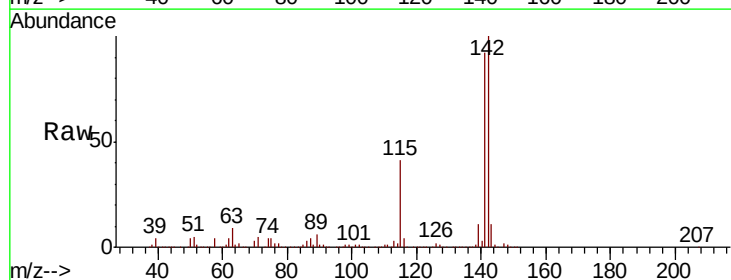
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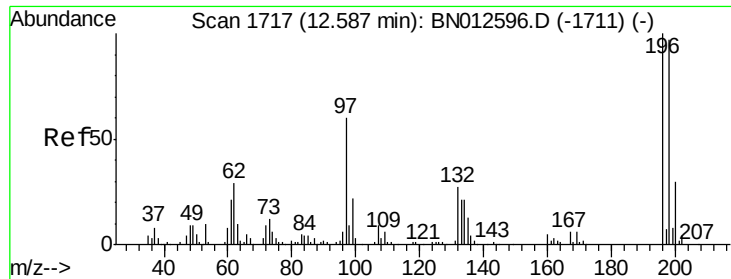
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#34
2-Methylnaphthalene
Concen: 107.620 ng/ul
RT: 11.89 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BN012603.D
Acq: 18 Nov 2020 20:42

Tgt Ion:142 Resp: 2683299
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.8





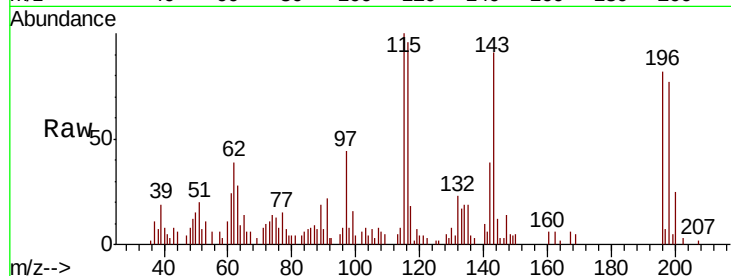
#40
 2,4,5-Trichlorophenol
 Concen: 2.357 ng/ul
 RT: 12.59 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BN012603.D
 Acq: 18 Nov 2020 20:42

Instrument :
 BNA_N
 ClientSampled :
 DBGF2

Tot Ion	Ratio	Resp	Lower	Upper
196	100	20586		
198	94.3	83.8	125.6	
200	30.6	23.8	35.6	

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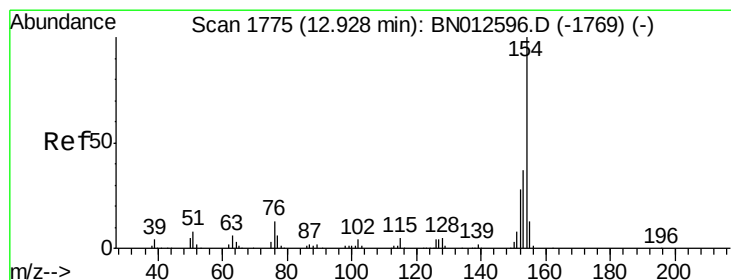
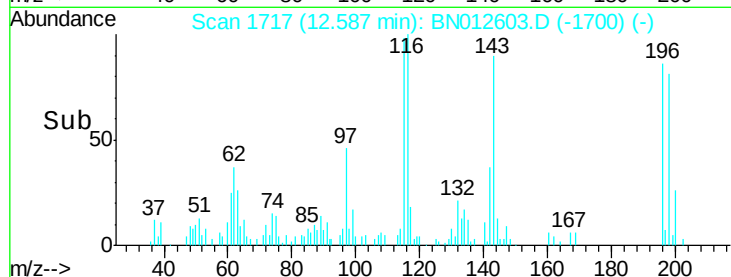
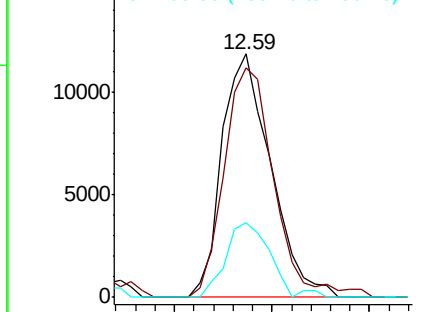


Abundance

Ion 196.00 (195.70 to 196.70): E

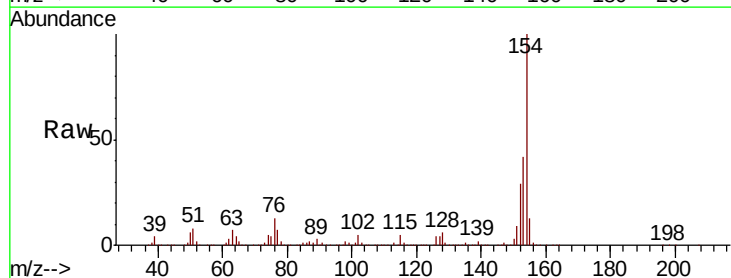
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#41
 1,1'-Biphenyl
 Concen: 21.341 ng/ul
 RT: 12.93 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BN012603.D
 Acq: 18 Nov 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	717237		
153	41.9	31.4	47.0	
76	13.5	9.3	13.9	

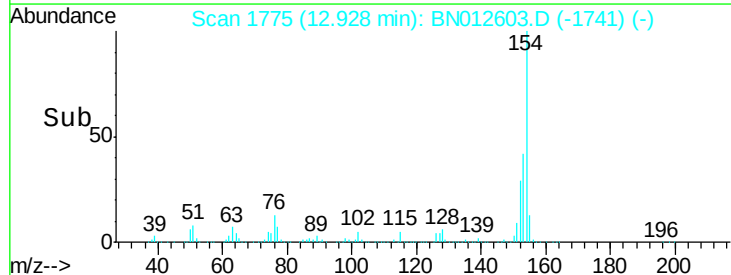
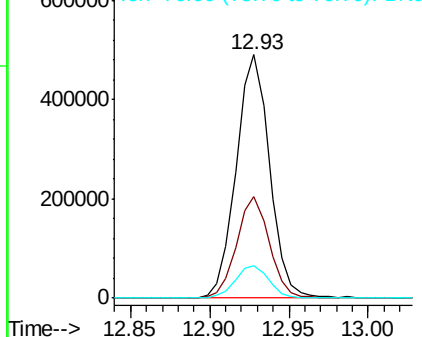


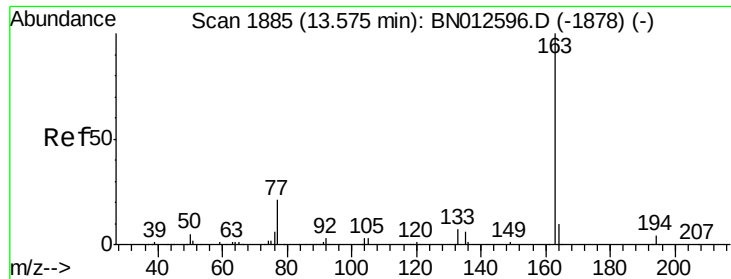
Abundance

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





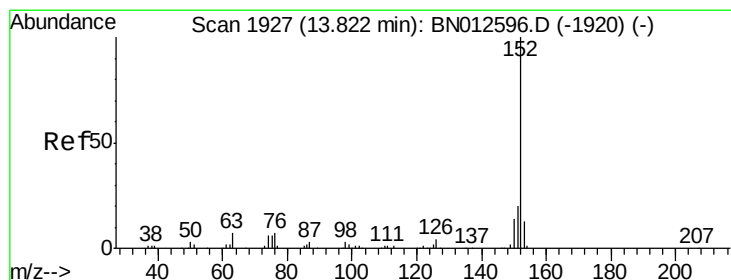
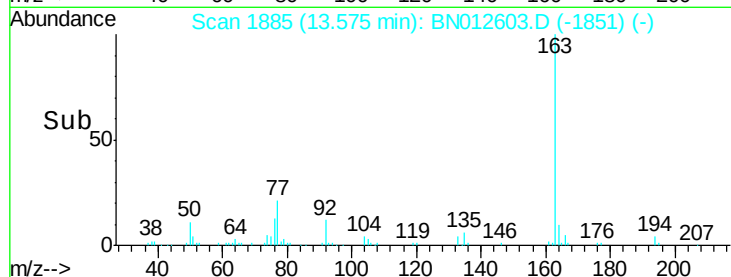
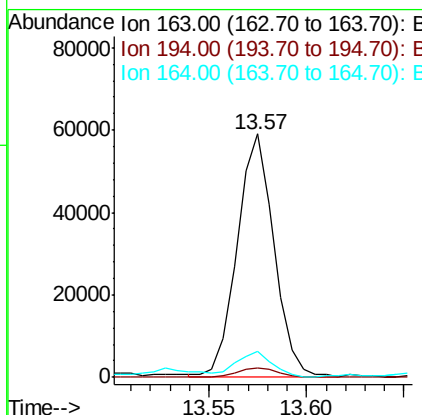
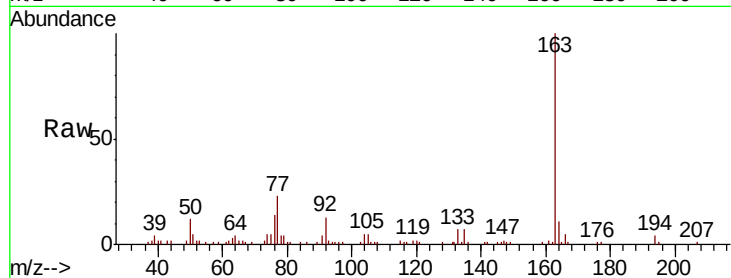
#45
Dimethylphthalate
Concen: 2.323 ng/ul
RT: 13.57 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BN012603.D
Acq: 18 Nov 2020 20:42

Instrument :
BNA_N
ClientSampled :
DBGF2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.9	8.6	13.0

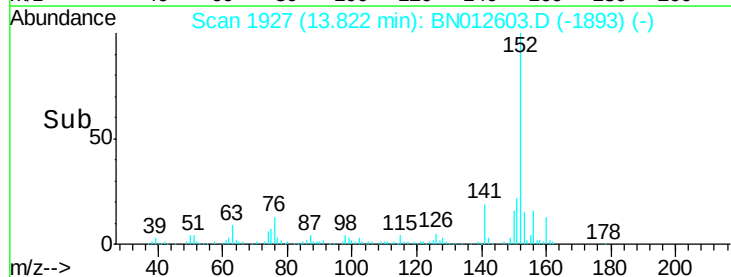
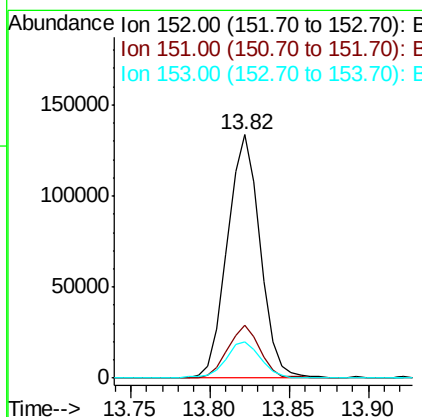
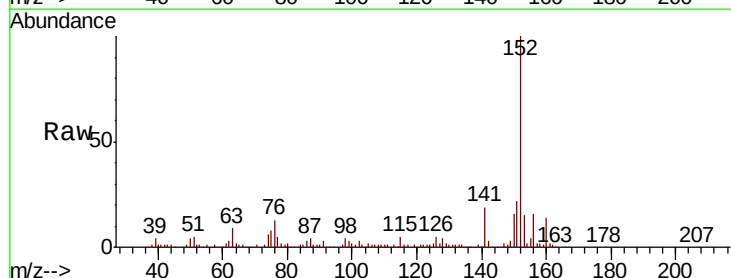
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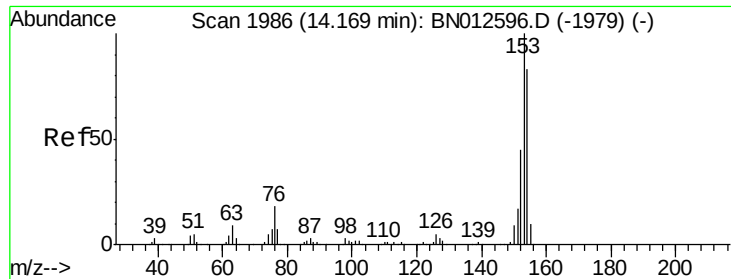
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#48
Acenaphthylene
Concen: 4.857 ng/ul
RT: 13.82 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BN012603.D
Acq: 18 Nov 2020 20:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.5	23.3
153	14.7	10.5	15.7





#50

Acenaphthene

Concen: 61.353 ng/ul

RT: 14.17 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BN012603.D

Acq: 18 Nov 2020 20:42

Instrument :

BNA_N

ClientSampleId :

DBGF2

Tot Ion:153 Resp: 1773813

Ion Ratio Lower Upper

153 100

152 45.9 37.1 55.7

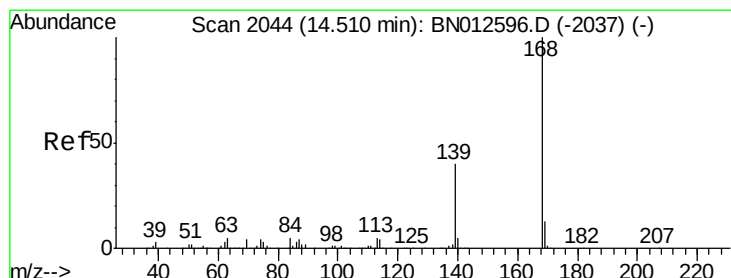
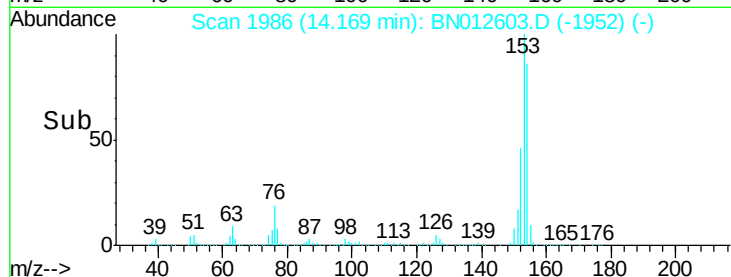
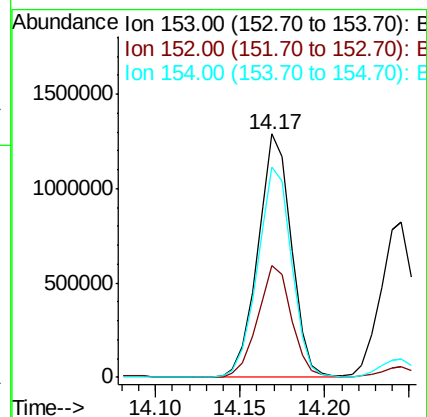
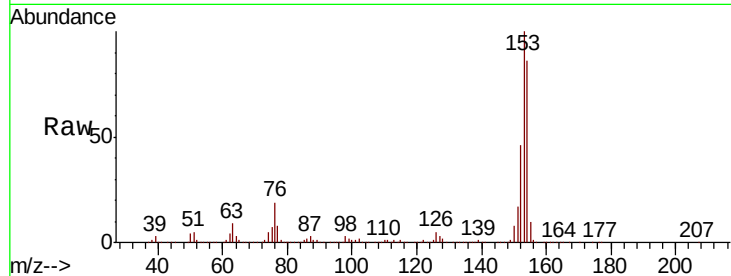
154 86.1 69.7 104.5

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#54

Dibenzofuran

Concen: 54.085 ng/ul

RT: 14.51 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BN012603.D

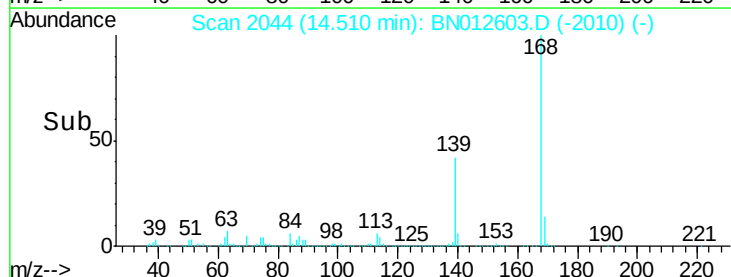
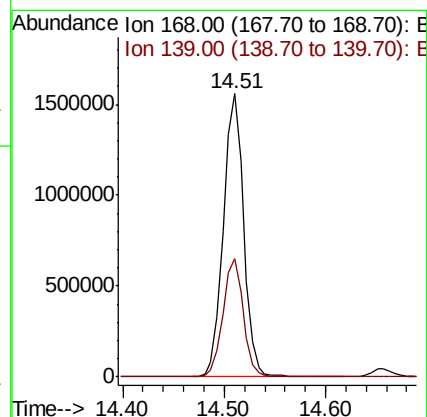
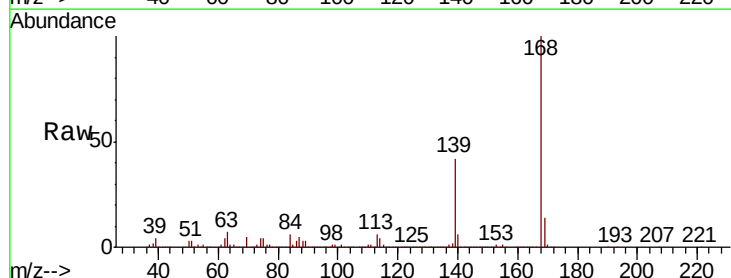
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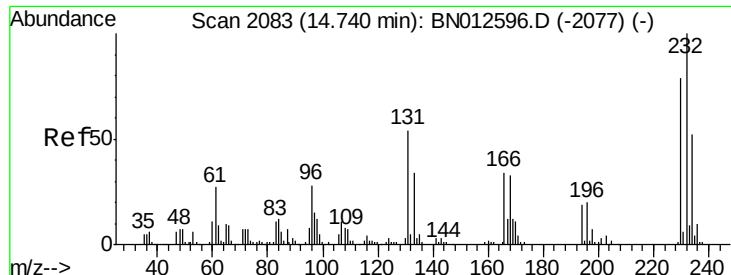
Tgt Ion:168 Resp: 2167723

Ion Ratio Lower Upper

168 100

139 41.8 30.5 45.7





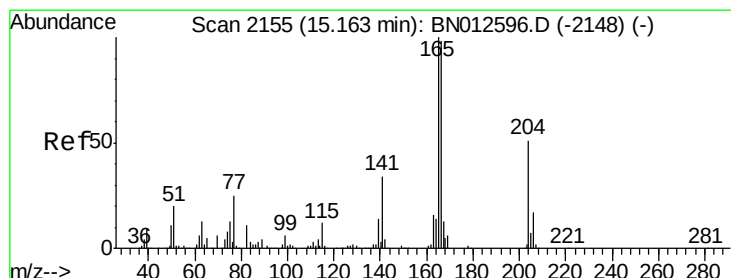
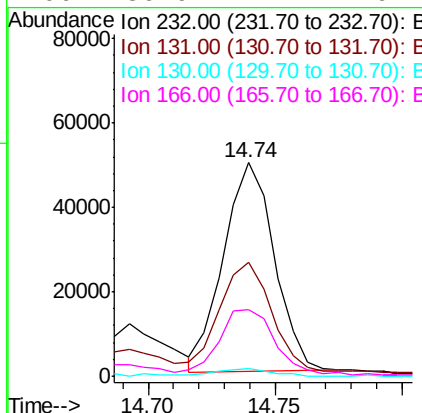
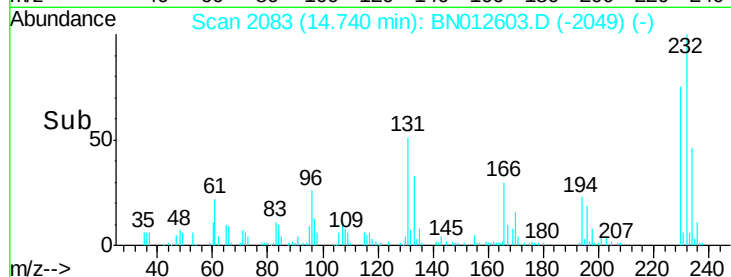
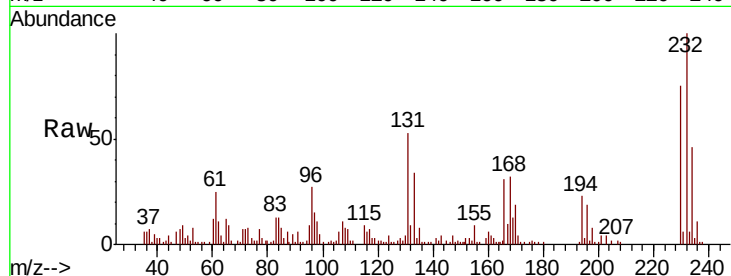
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 9.094 ng/ul
 RT: 14.74 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BN012603.D
 Acq: 18 Nov 2020 20:42

Instrument :
 BNA_N
 ClientSampleId :
 DBGF2

Tot Ion	Ratio	Resp	Lower	Upper
232	100	68897		
131	53.1		42.9	64.3
130	3.6		2.5	3.7
166	30.9		27.1	40.7

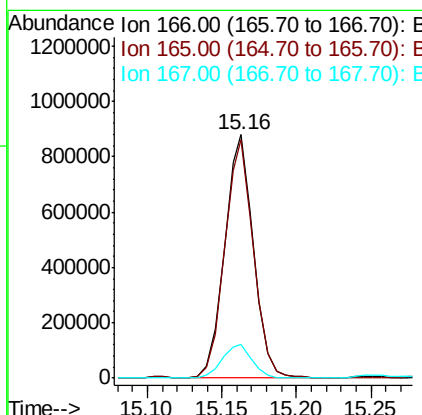
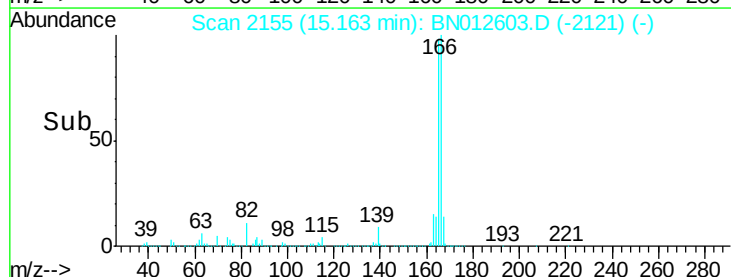
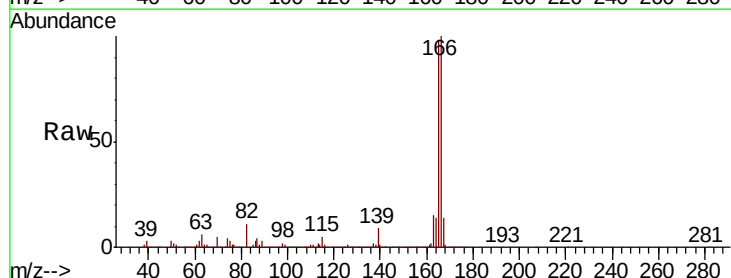
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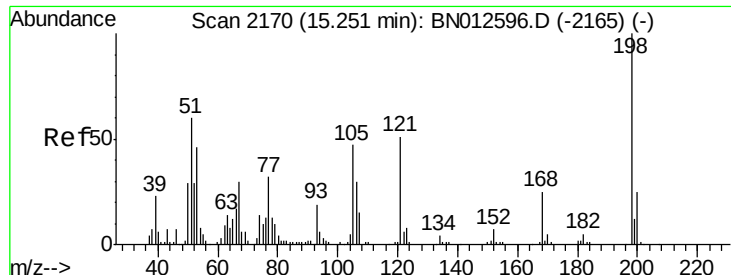
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#59
 Fluorene
 Concen: 35.377 ng/ul
 RT: 15.16 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BN012603.D
 Acq: 18 Nov 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1184778		
165	98.0		83.3	124.9
167	13.8		11.0	16.6





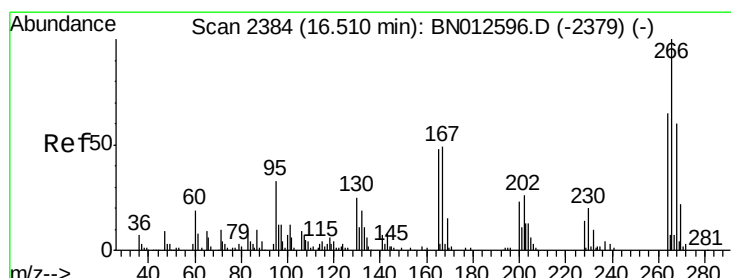
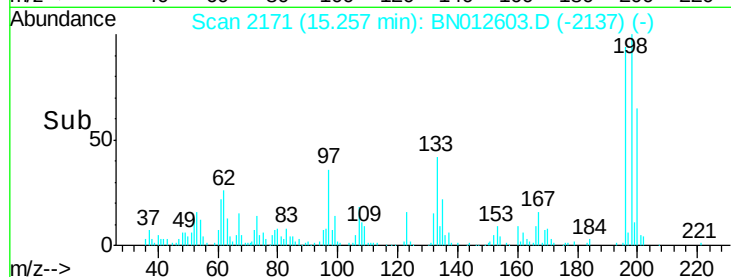
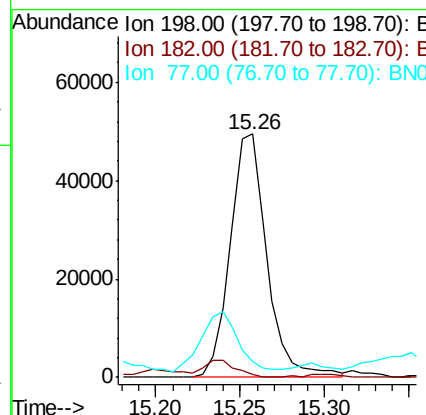
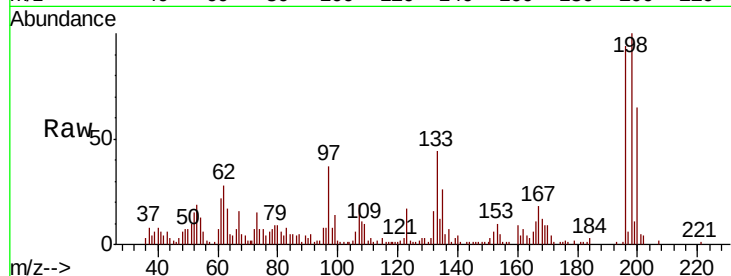
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4,6-Dinitro-2-methylphenol
Concen: 11.747 ng/ul
RT: 15.26 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN012603.D
Acq: 18 Nov 2020 20:42

Instrument :
BNA_N
ClientSampleId :
DBGF2

Tot Ion	Ratio	Lower	Upper
198	100		
182	1.0	3.8	5.6#
77	6.3	22.0	33.0#

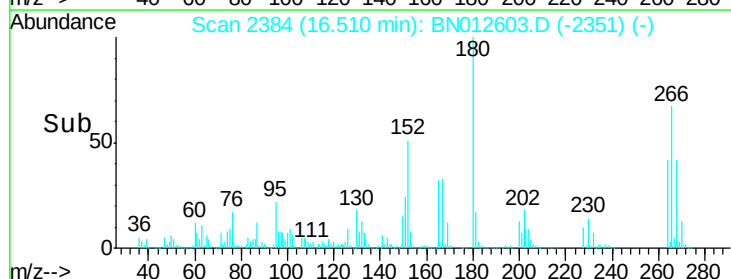
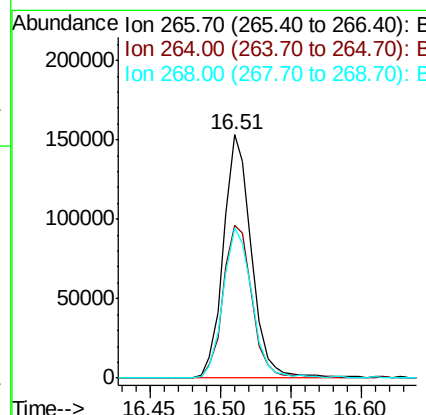
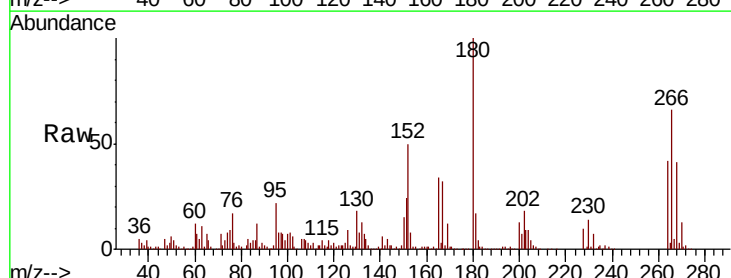
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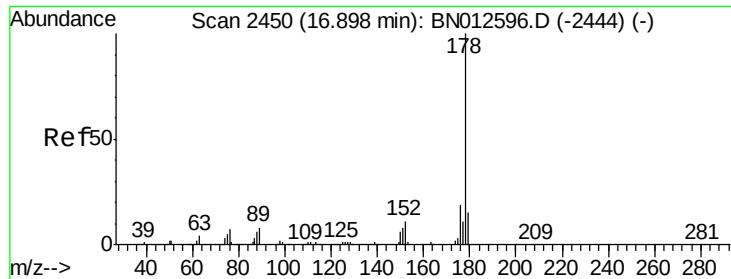
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#69
Pentachlorophenol
Concen: 30.399 ng/ul
RT: 16.51 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BN012603.D
Acq: 18 Nov 2020 20:42

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.6	55.0	82.6
268	61.7	56.9	85.3





#70

Phenanthrene

Concen: 23.816 ng/ul

RT: 16.90 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BN012603.D

Acq: 18 Nov 2020 20:42

Instrument :

BNA_N

ClientSampleId :

DBGF2

Tot Ion:178 Resp: 1288961

Ion Ratio Lower Upper

178 100

179 14.6 13.1 19.7

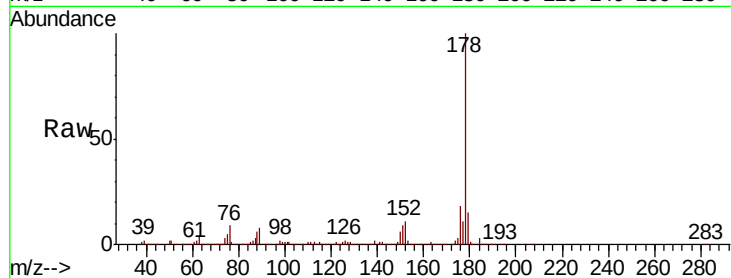
176 18.3 15.4 23.0

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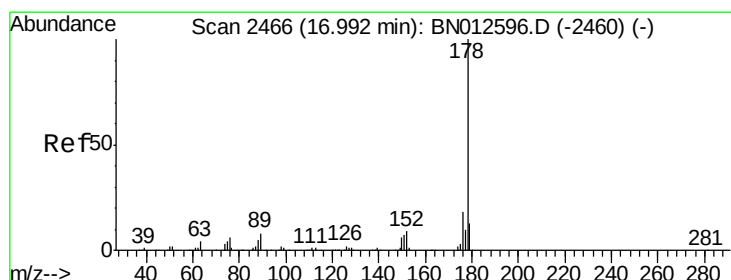
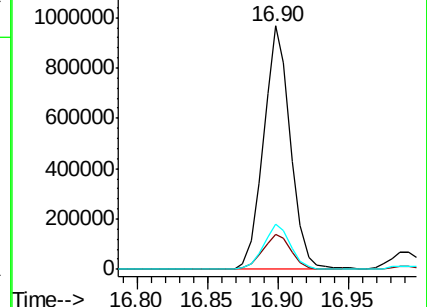
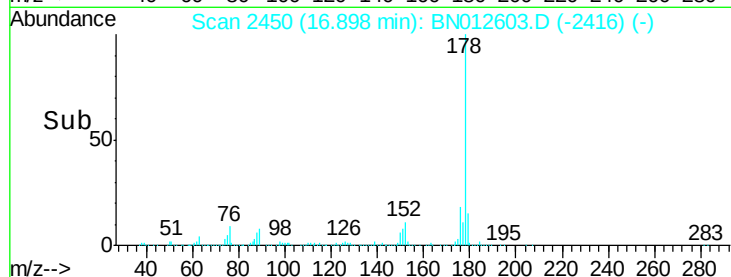
11/20/2020 11:29:59 AM



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: 1.901 ng/ul

RT: 16.99 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BN012603.D

Acq: 18 Nov 2020 20:42

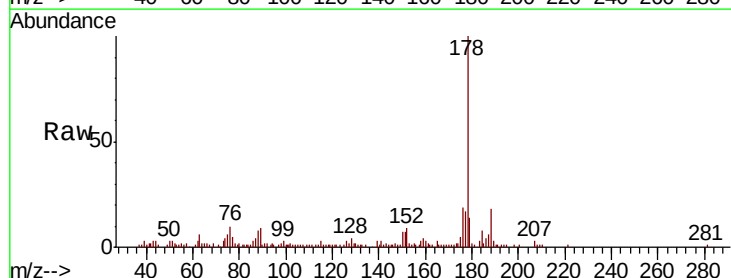
Tgt Ion:178 Resp: 104311

Ion Ratio Lower Upper

178 100

179 14.4 12.4 18.6

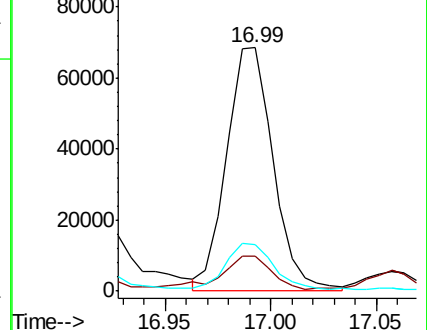
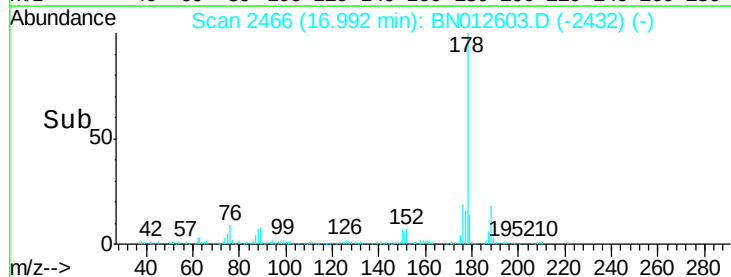
176 19.2 14.8 22.2

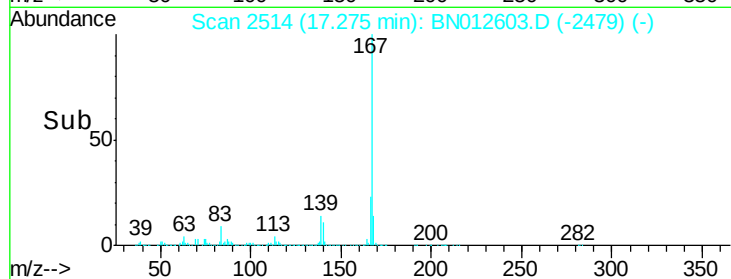
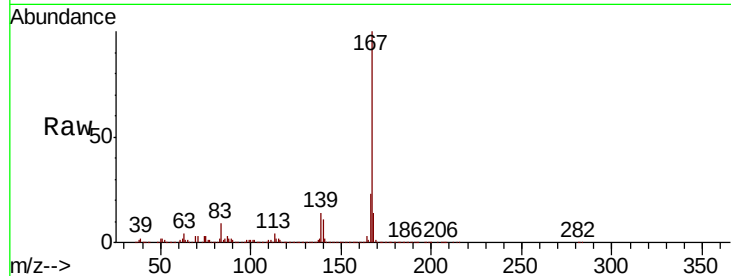
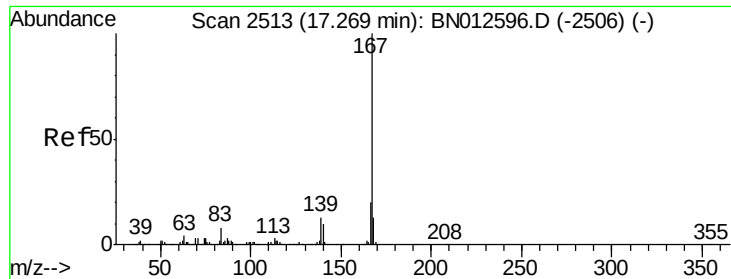


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75
 Carbazole
 Concen: 122.033 ng/ul
 RT: 17.27 min Scan# 2514
 Delta R.T. 0.01 min
 Lab File: BN012603.D
 Acq: 18 Nov 2020 20:42

Tot Ion:	167	Resp:	5714504
Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.8	26.8
139	14.3	10.4	15.6

Instrument :
 BNA_N
 ClientSampleId :
 DBGf2

Manual Integrations
 APPROVED

mohammad
 11/20/2020 11:29:59 AM

