

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
 Data File : BN012109.D
 Acq On : 08 Oct 2020 19:08
 Operator : CG/JU
 Sample : L4259-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5CF7

Manual Integrations
 APPROVED

mohammad
 10/12/2020 11:32:57 AM

Quant Time: Oct 09 01:15:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 08 15:35:30 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	298894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.422	136	1246655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.287	164	830800	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.051	188	1596222	20.00	ng/ul	0.02
78) Chrysene-d12	21.239	240	1529800	20.00	ng/ul	0.00
86) Perylene-d12	23.439	264	1610770	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	10538	1.53	ng/uL	0.00
5) Phenol-d5	6.822	99	190207	7.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.987	67	435764	28.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.181	132	506421	25.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.346	113	354917	18.07	ng/ul	0.00
19) Nitrobenzene-d5	8.793	128	320433	32.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.510	143	348567	32.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.046	165	612665	29.84	ng/ul	0.00
29) 4-Chloroaniline-d4	0.000	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.710	166	2063010	31.66	ng/ul	0.01
47) Acenaphthylene-d8	13.981	160	2576060	33.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.498	143	99374	8.28	ng/ul	0.00
58) Fluorene-d10	15.287	176	1730766	30.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.428	200	1817439	178.39	ng/ul	0.02
71) Anthracene-d10	17.145	188	2651054	34.25	ng/ul	0.01
79) Pyrene-d10	19.439	212	2719954	33.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.304	264	2950600	32.64	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Phenol	6.852	94	31475	1.21	ng/ul	91
11) 2-Methylphenol	8.087	108	26756	1.39	ng/ul	96
16) 4-Methylphenol	8.410	108	58678	2.84	ng/ul	90
24) 2,4-Dimethylphenol	9.616	107	94389	3.67	ng/ul#	64
27) 2,4-Dichlorophenol	10.069	162	98616	4.74	ng/ul	90
39) 2,4,6-Trichlorophenol	12.704	196	61885	3.67	ng/ul	96
40) 2,4,5-Trichlorophenol	12.775	196	976949	53.67	ng/ul	99
41) 1,1'-Biphenyl	13.116	154	127606	1.85	ng/ul	96
45) Dimethylphthalate	13.757	163	115314	1.72	ng/ul#	95
50) Acenaphthene	14.351	153	402347	6.85	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.922	232	2295182	151.06	ng/ul#	96
59) Fluorene	15.339	166	427491	6.36	ng/ul#	93
69) Pentachlorophenol	16.716	266	35153011m	2783.40	ng/ul	
70) Phenanthrene	17.092	178	1052066	10.82	ng/ul	97
72) Anthracene	17.175	178	116044m	1.18	ng/ul	
80) Pyrene	19.469	202	135302	1.23	ng/ul#	95

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

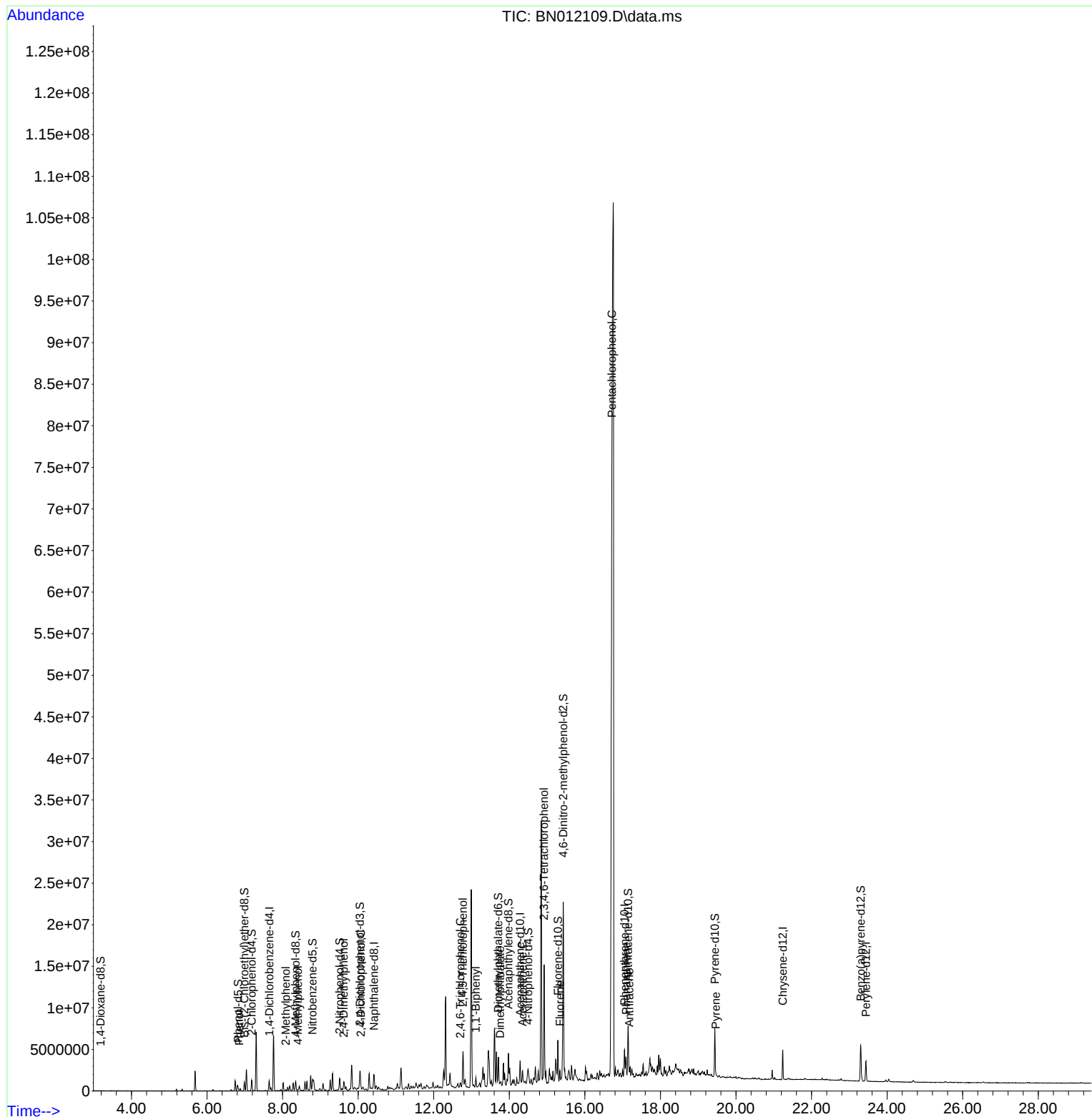
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
Data File : BN012109.D
Acq On : 08 Oct 2020 19:08
Operator : CG/JU
Sample : L4259-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

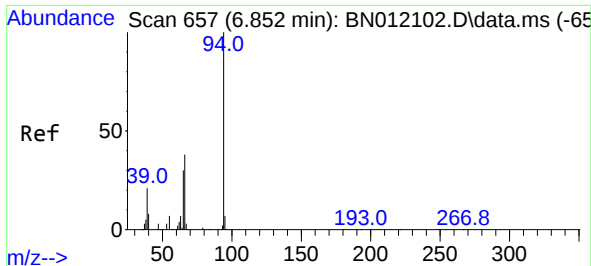
Instrument :
BNA_N
ClientSampleId :
C5CF7

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Quant Title : SVOA CALIBRATION
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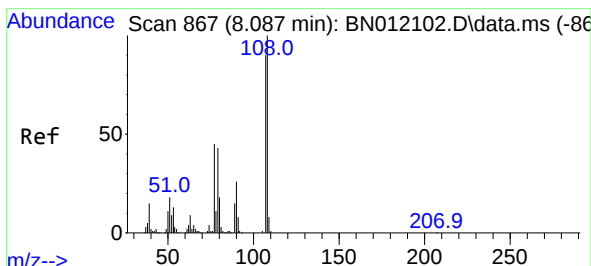
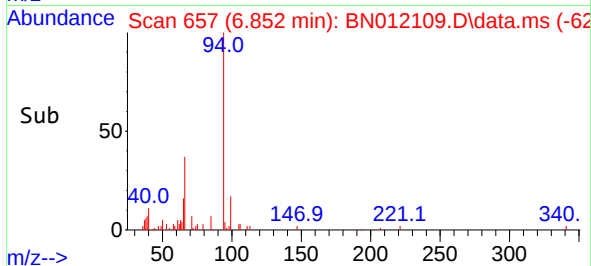
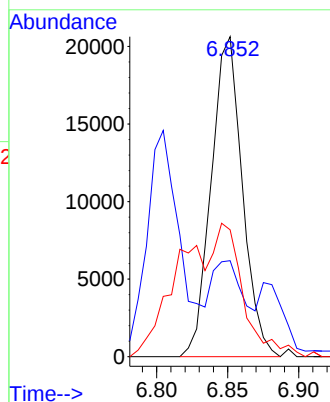
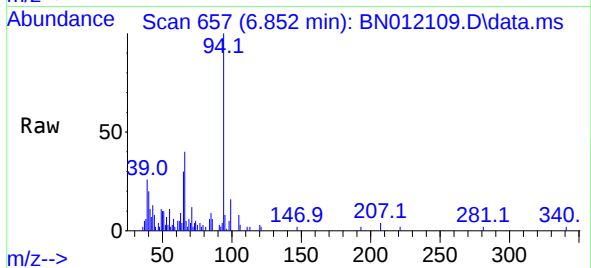
#6
Phenol
Concen: 1.21 ng/ul
RT: 6.852 min Scan# 657
Delta R.T. 0.000 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion: 94 Resp: 31475
Ion Ratio Lower Upper
94 100
65 30.0 26.8 40.2
66 39.7 37.9 56.9

Instrument :
BNA_N
ClientSampleId :
C5CF7

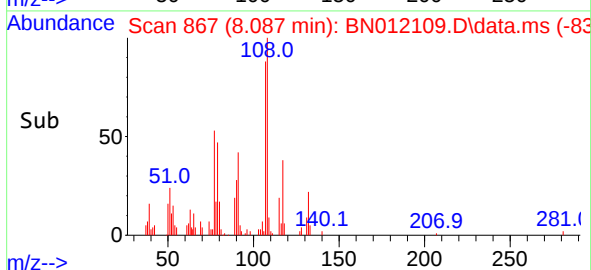
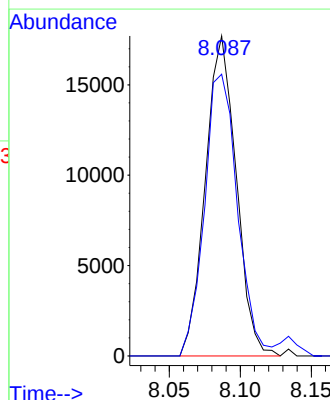
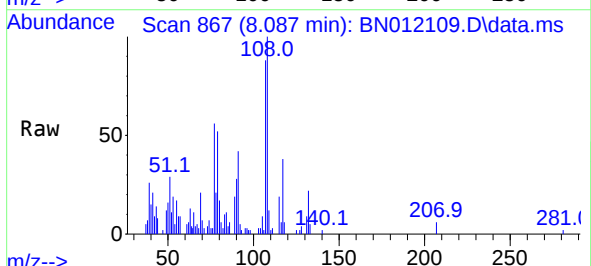
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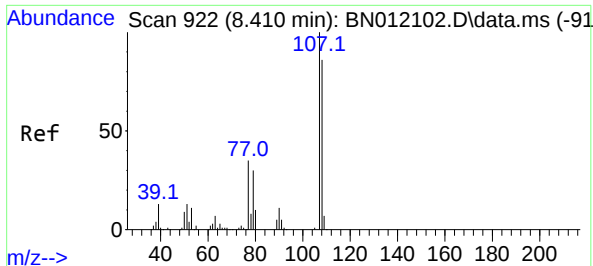
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#11
2-Methylphenol
Concen: 1.39 ng/ul
RT: 8.087 min Scan# 867
Delta R.T. 0.000 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

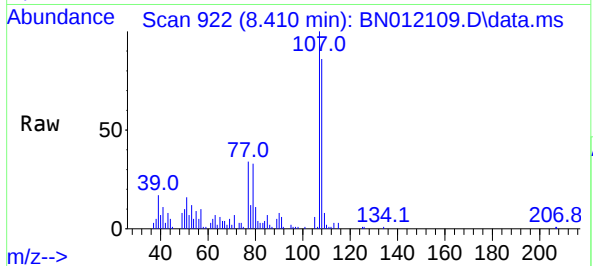
Tgt Ion: 108 Resp: 26756
Ion Ratio Lower Upper
108 100
107 88.1 73.8 110.8





#16
4-Methylphenol
Concen: 2.84 ng/ul
RT: 8.410 min Scan# 922
Delta R.T. 0.000 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

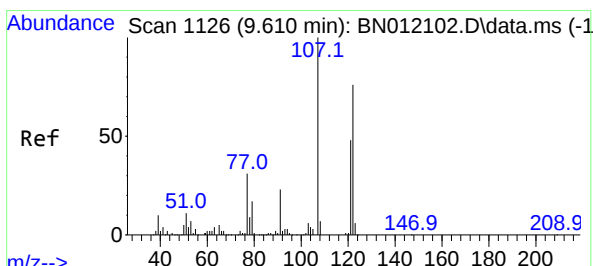
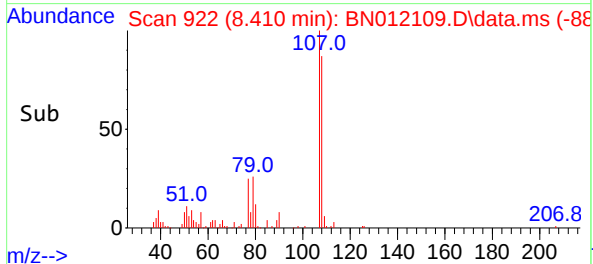
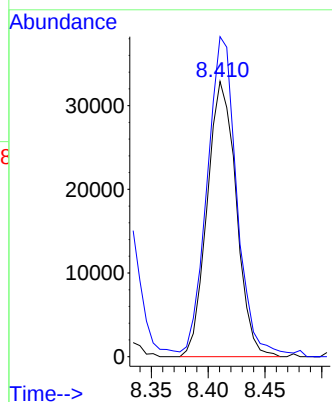
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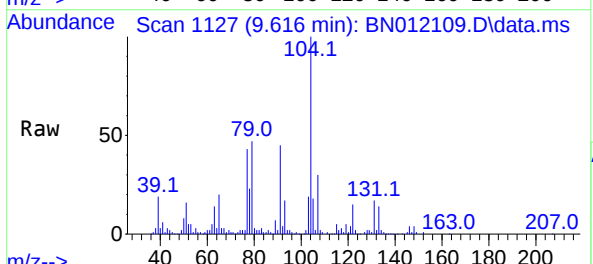
Tgt Ion:108 Resp: 58678
Ion Ratio Lower Upper
108 100
107 116.3 85.1 127.7

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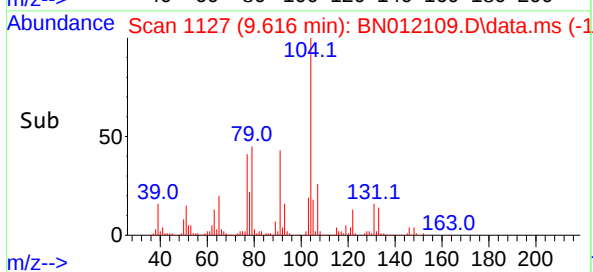
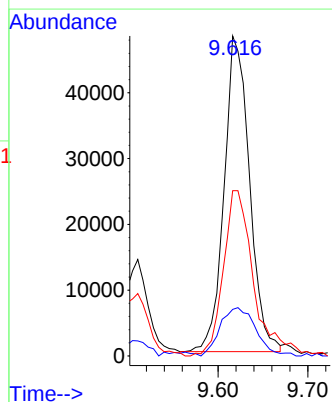
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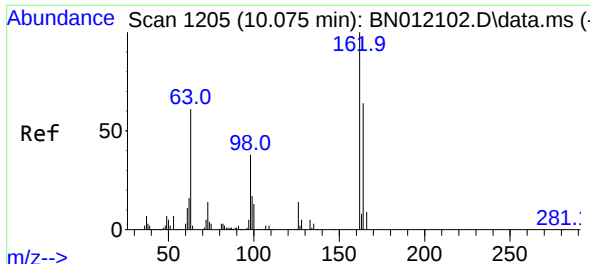


#24
2,4-Dimethylphenol
Concen: 3.67 ng/ul
RT: 9.616 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

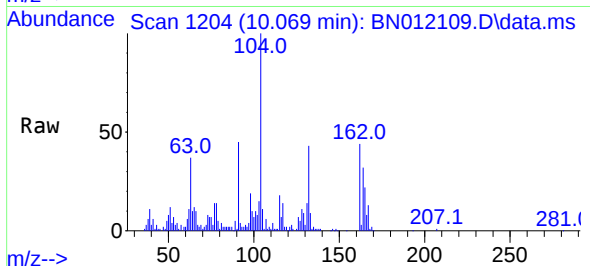


Tgt Ion:107 Resp: 94389
Ion Ratio Lower Upper
107 100
121 14.5 35.5 53.3#
122 51.7 62.1 93.1#

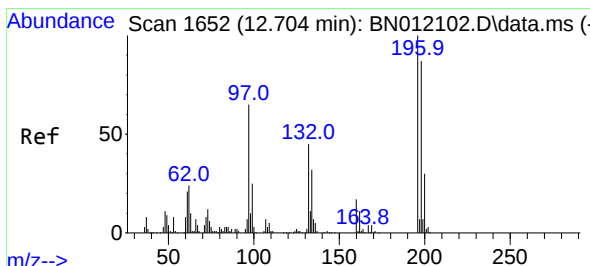
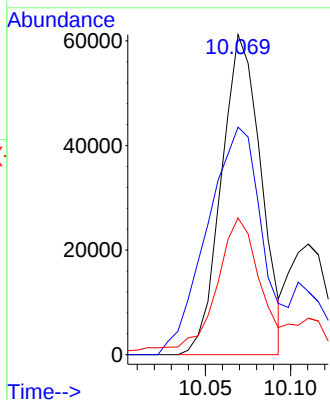
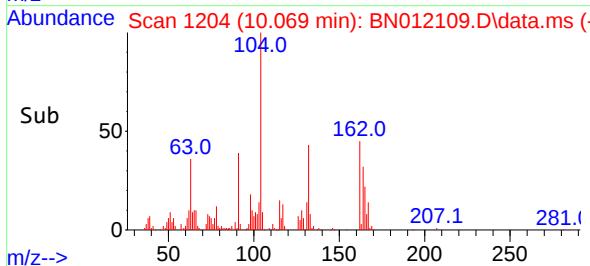




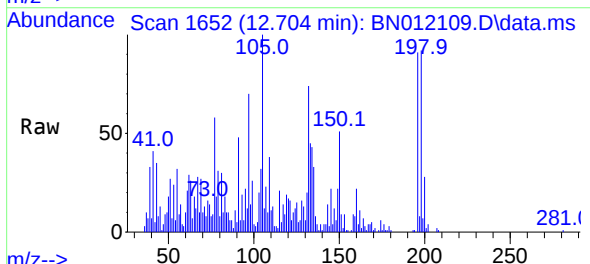
#27
2,4-Dichlorophenol
Concen: 4.74 ng/ul
RT: 10.069 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08



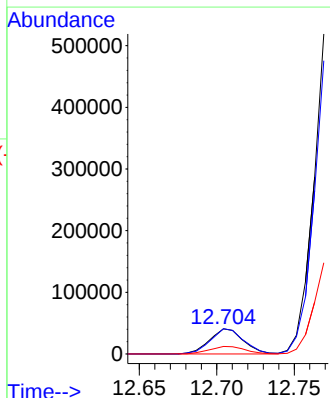
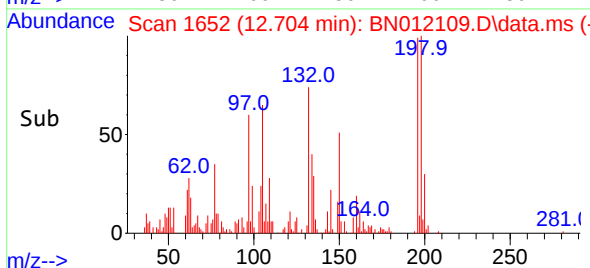
Tgt Ion:162 Resp: 98616
Ion Ratio Lower Upper
162 100
164 71.1 50.8 76.2
98 42.7 29.8 44.6



#39
2,4,6-Trichlorophenol
Concen: 3.67 ng/ul
RT: 12.704 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08



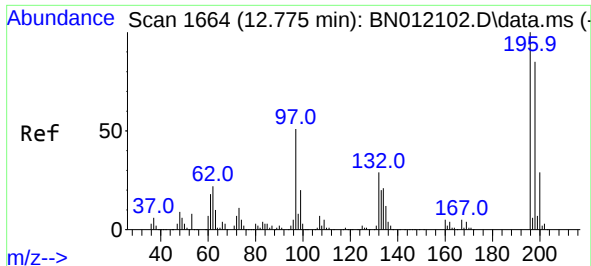
Tgt Ion:196 Resp: 61885
Ion Ratio Lower Upper
196 100
198 100.9 84.2 126.2
200 30.3 24.9 37.3



Instrument :
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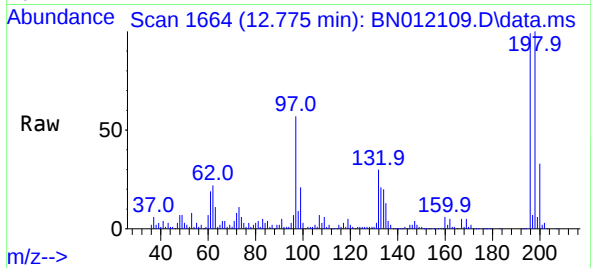
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#40
2,4,5-Trichlorophenol
Concen: 53.67 ng/ul
RT: 12.775 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

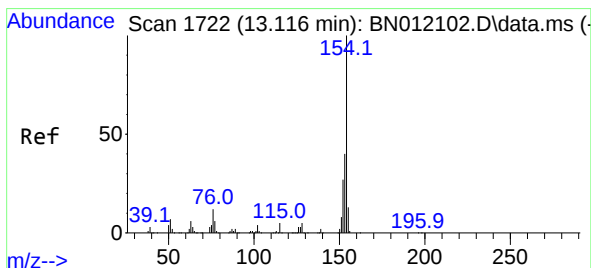
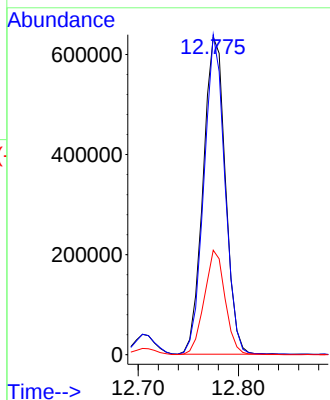
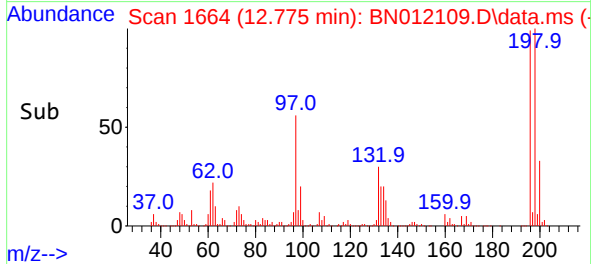
Instrument :
BNA_N
ClientSampled :
C5CF7



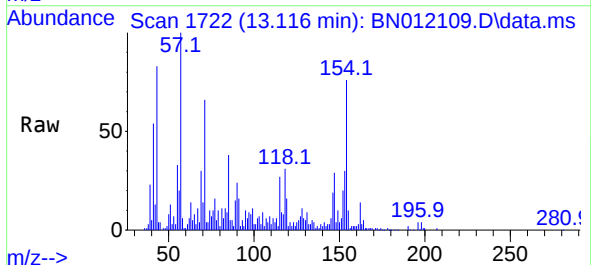
Tgt Ion:196 Resp: 976949
Ion Ratio Lower Upper
196 100
198 100.7 80.6 121.0
200 32.9 24.8 37.2

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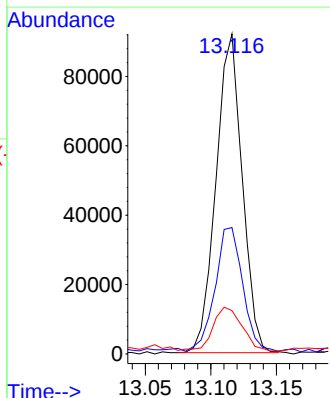
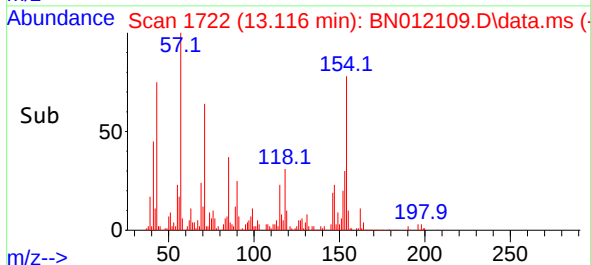
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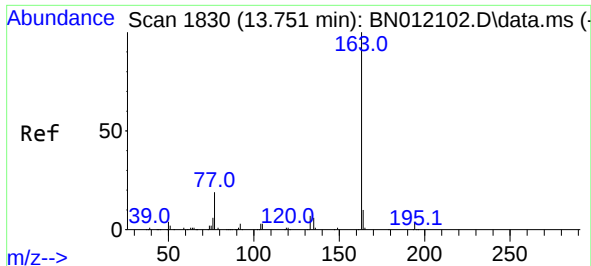


#41
1,1'-Biphenyl
Concen: 1.85 ng/ul
RT: 13.116 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08



Tgt Ion:154 Resp: 127606
Ion Ratio Lower Upper
154 100
153 39.5 33.9 50.9
76 13.5 9.8 14.8





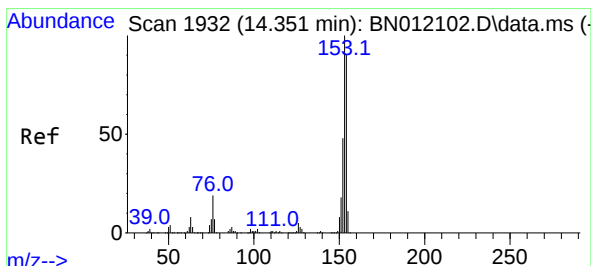
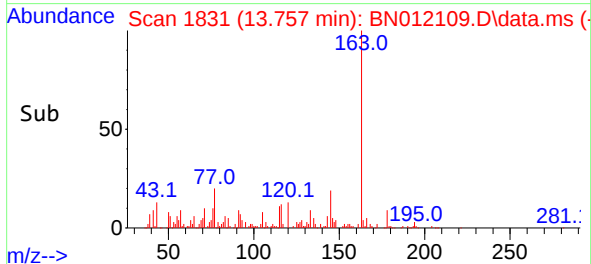
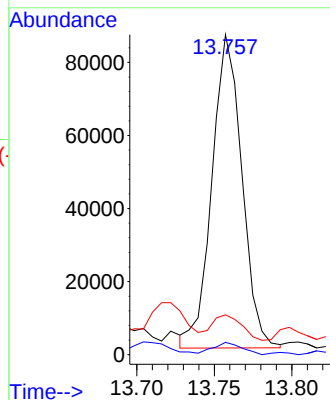
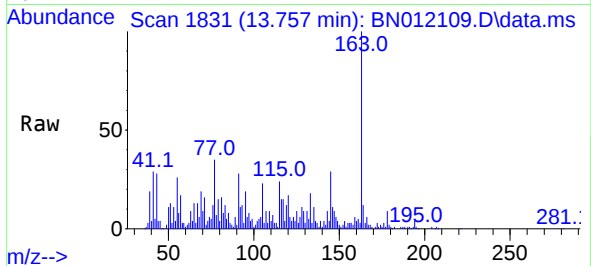
#45
Dimethylphthalate
Concen: 1.72 ng/ul
RT: 13.757 min Scan# 1831
Delta R.T. 0.006 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

Tgt Ion:163 Resp: 115314
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 12.4 7.8 11.8#

Instrument :
BNA_N
ClientSampled :
C5CF7

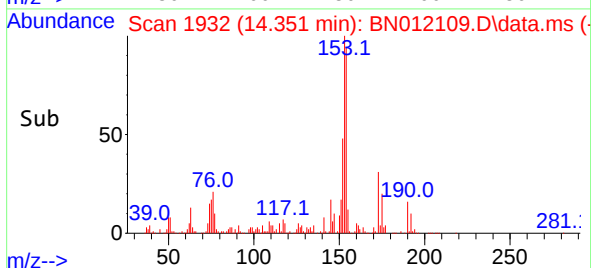
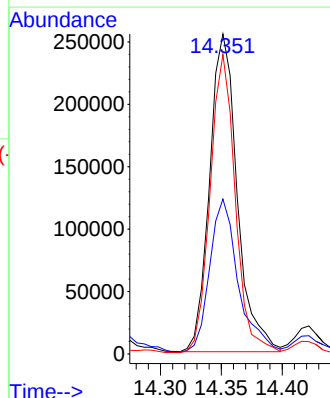
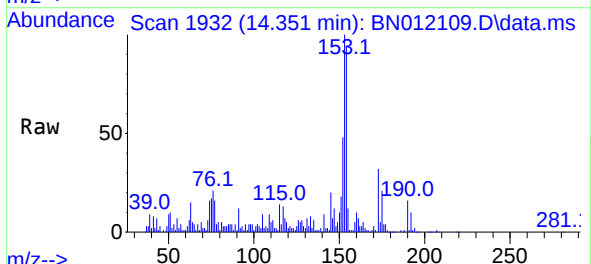
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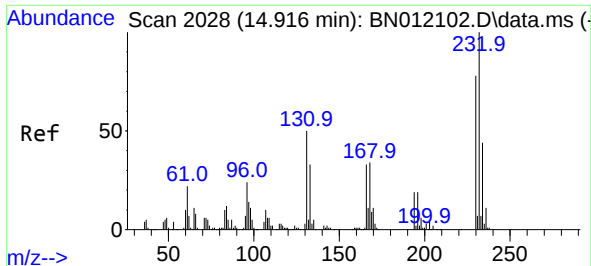
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#50
Acenaphthene
Concen: 6.85 ng/ul
RT: 14.351 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

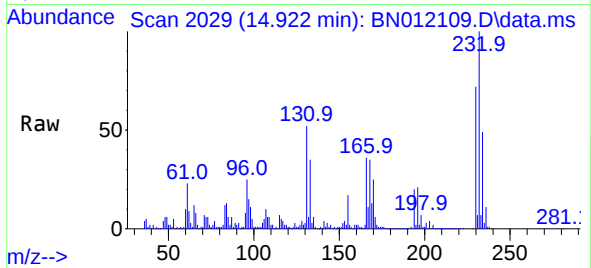
Tgt Ion:153 Resp: 402347
Ion Ratio Lower Upper
153 100
152 48.4 35.9 53.9
154 93.6 70.2 105.2





#56
2,3,4,6-Tetrachlorophenol
Concen: 151.06 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

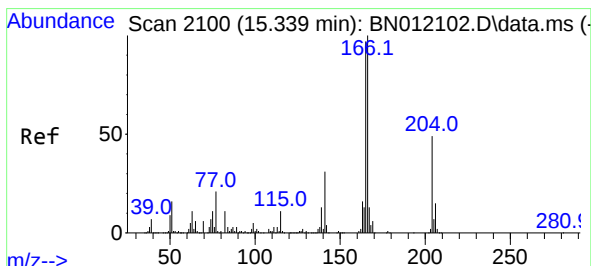
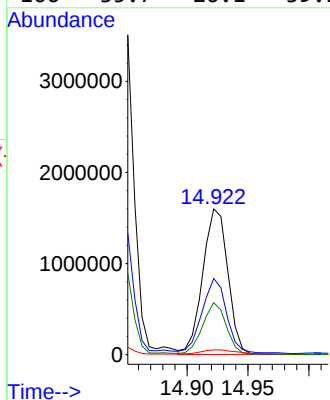
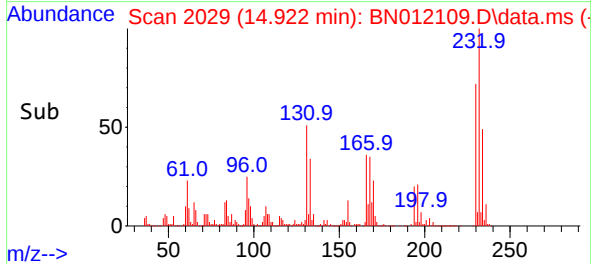
Instrument :
BNA_N
ClientSampled :
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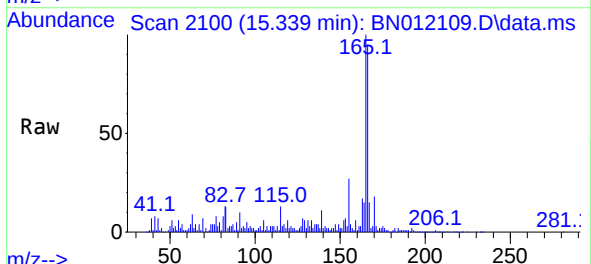
Tgt Ion:232 Resp: 2295182
Ion Ratio Lower Upper
232 100
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130 3.3 2.2 3.2#
166 35.7 26.1 39.1

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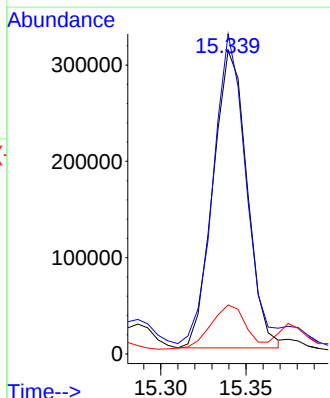
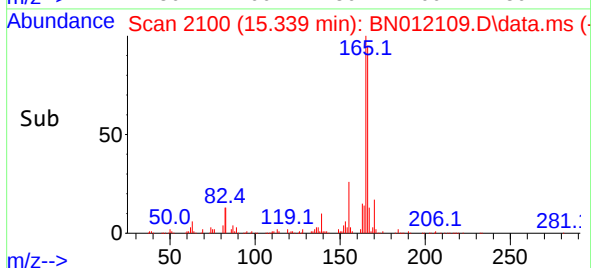
mohammad
10/12/2020 11:32:57 AM

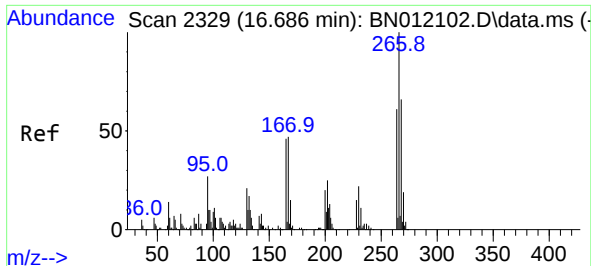


#59
Fluorene
Concen: 6.36 ng/ul
RT: 15.339 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08

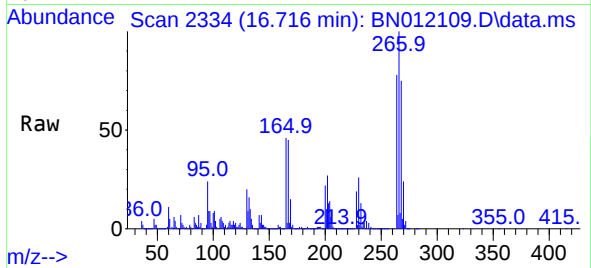


Tgt Ion:166 Resp: 427491
Ion Ratio Lower Upper
166 100
165 105.4 79.0 118.6
167 16.1 10.5 15.7#



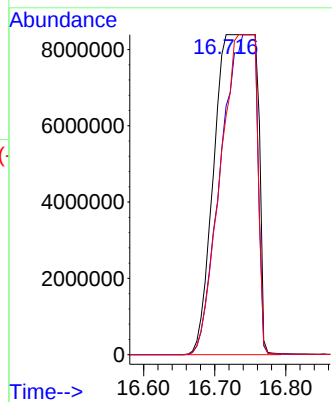
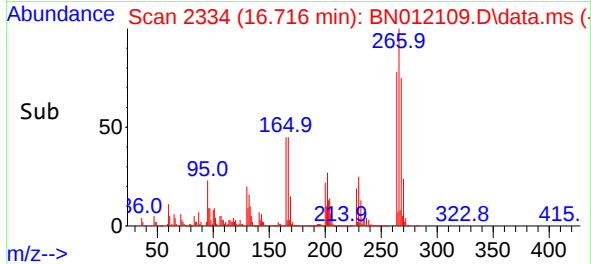


#69
Pentachlorophenol
Concen: 2783.40 ng/ul m
RT: 16.716 min Scan# 2334
Delta R.T. 0.029 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08



Tgt Ion:266 Resp:35153011

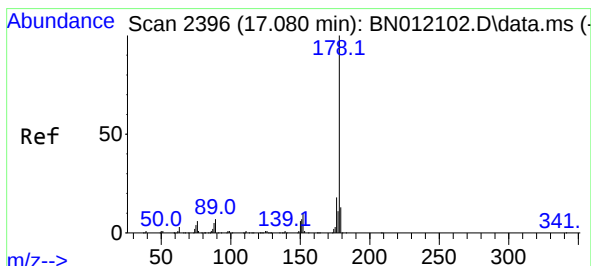
Ion	Ratio	Lower	Upper
266	100		
264	77.8	50.6	75.8#
268	74.7	49.9	74.9



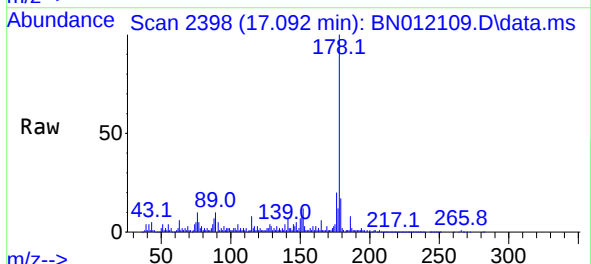
Instrument :
BNA_N
ClientSampled :
C5CF7

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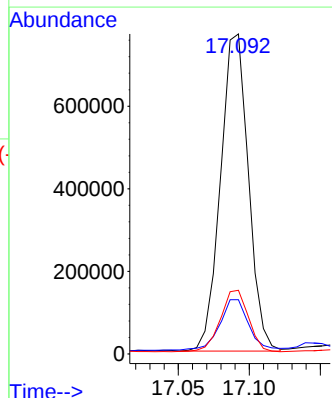
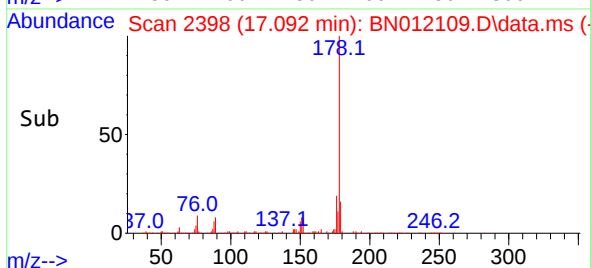


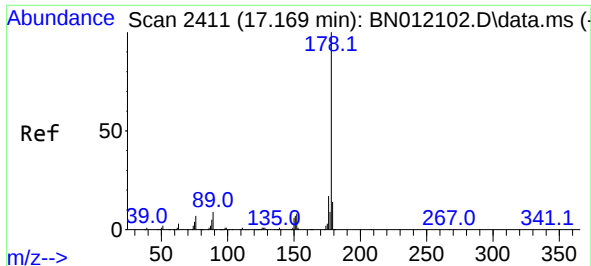
#70
Phenanthrene
Concen: 10.82 ng/ul
RT: 17.092 min Scan# 2398
Delta R.T. 0.012 min
Lab File: BN012109.D
Acq: 08 Oct 2020 19:08



Tgt Ion:178 Resp: 1052066

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.2
176	19.9	15.4	23.2





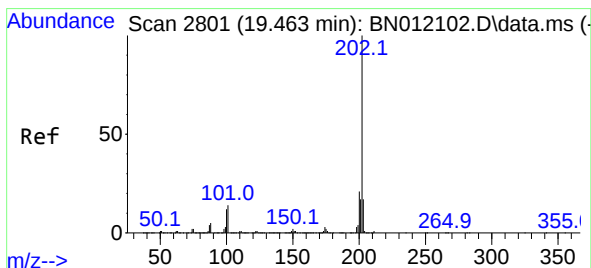
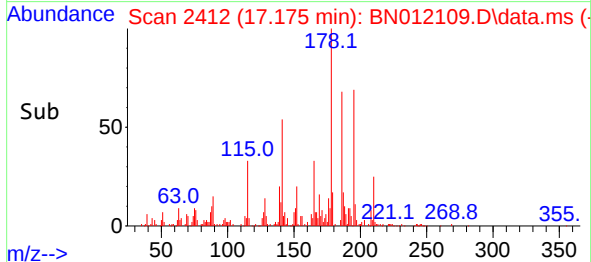
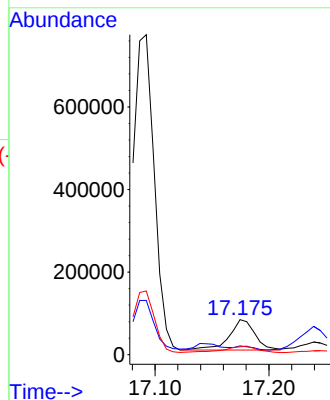
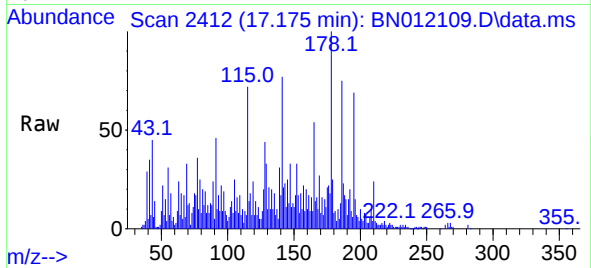
#72
 Anthracene
 Concen: 1.18 ng/ul m
 RT: 17.175 min Scan# 2412
 Delta R.T. 0.006 min
 Lab File: BN012109.D
 Acq: 08 Oct 2020 19:08

Tgt Ion:178 Resp: 116044
 Ion Ratio Lower Upper
 178 100
 179 25.3 12.8 19.2#
 176 22.5 15.0 22.6

Instrument :
 BNA_N
 ClientSampled :
 C5CF7

Manual Integrations
 APPROVED

mohammad
 10/12/2020 11:32:57 AM



#80
 Pyrene
 Concen: 1.23 ng/ul
 RT: 19.469 min Scan# 2802
 Delta R.T. 0.006 min
 Lab File: BN012109.D
 Acq: 08 Oct 2020 19:08

Tgt Ion:202 Resp: 135302
 Ion Ratio Lower Upper
 202 100
 101 15.2 10.2 15.2#
 100 12.6 8.8 13.2

