

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015977.D
 Acq On : 19 Aug 2021 18:38
 Operator : CG/JU
 Sample : M3399-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKA9

Manual Integrations
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Quant Time: Aug 20 04:29:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 20 04:24:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	247032	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	1027904	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.516	164	669314	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	1414850	20.000	ng/ul	0.02
79) Chrysene-d12	21.451	240	1447970	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	1456349	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	22641	3.570	ng/uL	0.00
4) Pyridine-d5	3.740	84	160784	9.071	ng/ul	0.00
7) Phenol-d5	7.034	99	107397	4.806	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	281694	20.475	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	275017	17.296	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	197848	11.384	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	198025	26.175	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	194226	27.431	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	334500	21.831	ng/ul	0.01
31) 4-Chloroaniline-d4	10.816	131	453251	19.434	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1424649	29.043	ng/ul	0.03
49) Acenaphthylene-d8	14.210	160	1621733	26.400	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	76927	8.867	ng/ul	0.02
60) Fluorene-d10	15.510	176	1203790	28.134	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	5867969	776.593	ng/ul	0.04
73) Anthracene-d10	17.369	188	1945846	29.342	ng/ul	0.01
81) Pyrene-d10	19.657	212	2188563	28.061	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	2271285	28.844	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.063	94	31655	1.390	ng/ul	94
12) 2-Chlorophenol	7.434	128	82314	5.037	ng/ul	96
13) 2-Methylphenol	8.316	108	37617	2.254	ng/ul	96
16) Acetophenone	8.687	105	65726	2.343	ng/ul#	46
18) 4-Methylphenol	8.646	108	55317	3.097	ng/ul	92
26) 2,4-Dimethylphenol	9.851	107	200429	9.718	ng/ul	99
30) Naphthalene	10.734	128	42513293m	772.227	ng/ul	
36) 2-Methylnaphthalene	12.351	142	16990047	443.794	ng/ul	98
37) 1-Methylnaphthalene	12.575	142	10314469	270.677	ng/ul#	99
42) 2,4,5-Trichlorophenol	13.016	196	1458376	112.823	ng/ul	96
43) 1,1'-Biphenyl	13.351	154	4040936	78.077	ng/ul	98
50) Acenaphthylene	14.239	152	706011	12.090	ng/ul#	94
52) Acenaphthene	14.592	153	13536110	320.470	ng/ul	96
56) Dibenzofuran	14.922	168	9714480	166.355	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.145	232	911452	85.214	ng/ul	99
61) Fluorene	15.569	166	6271301	131.605	ng/ul	99
71) Pentachlorophenol	16.945	266	24317298m	2443.073	ng/ul	
72) Phenanthrene	17.316	178	9994199	129.937	ng/ul	98
74) Anthracene	17.404	178	724126	9.221	ng/ul	97
77) Carbazole	17.680	167	21185620m	306.852	ng/ul	
80) Fluoranthene	19.322	202	1144271	12.126	ng/ul	99
82) Pyrene	19.686	202	639557	6.512	ng/ul	99

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

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

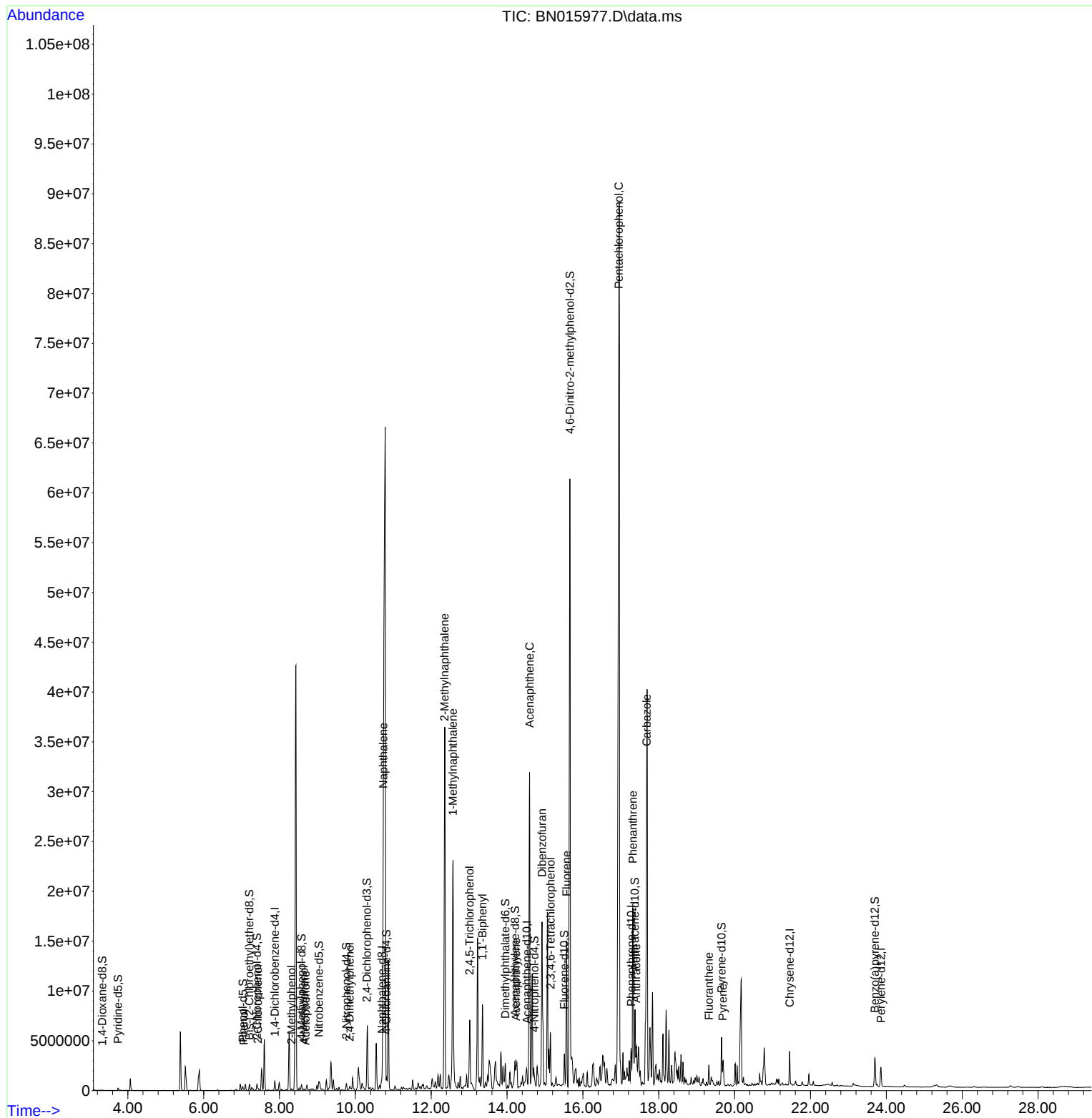
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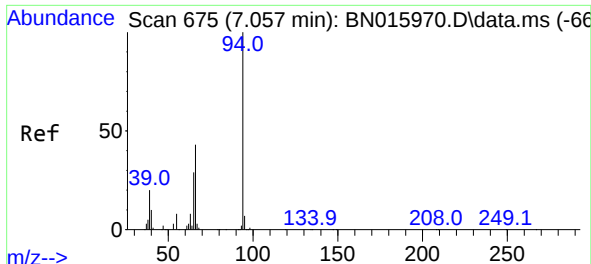
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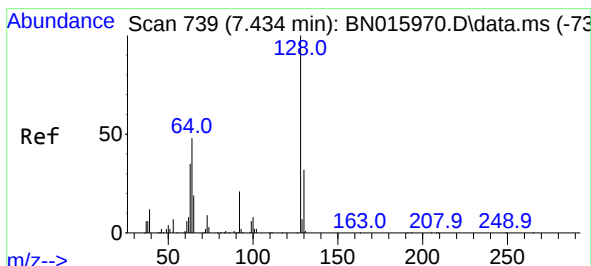
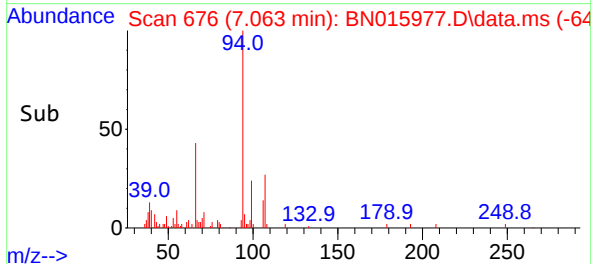
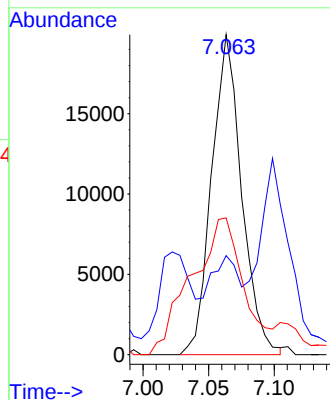
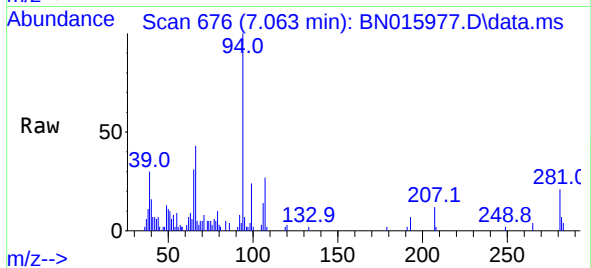
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Phenol
Concen: 1.390 ng/ul
RT: 7.063 min Scan# 676
Delta R.T. 0.006 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

Tgt Ion: 94 Resp: 31655
Ion Ratio Lower Upper
94 100
65 31.0 27.0 40.6
66 42.8 37.8 56.8

Instrument :
BNA_N
ClientSampleId :
DBKA9

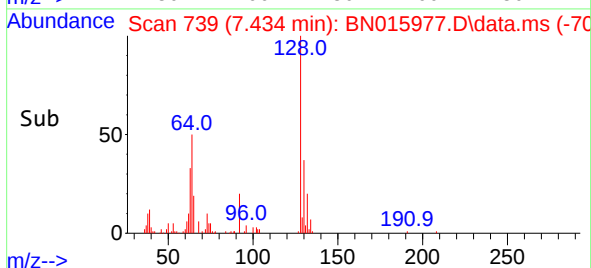
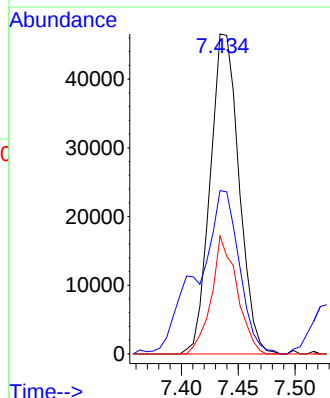
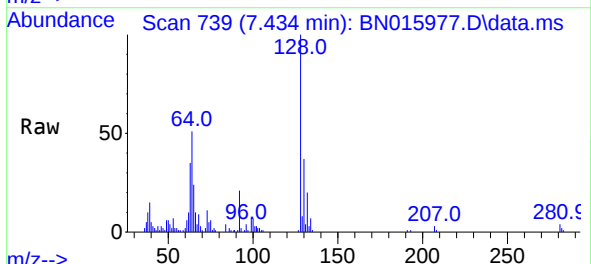
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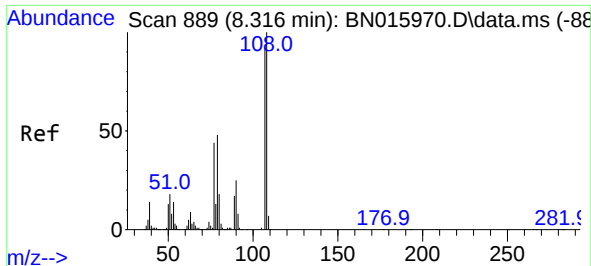
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#12
2-Chlorophenol
Concen: 5.037 ng/ul
RT: 7.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

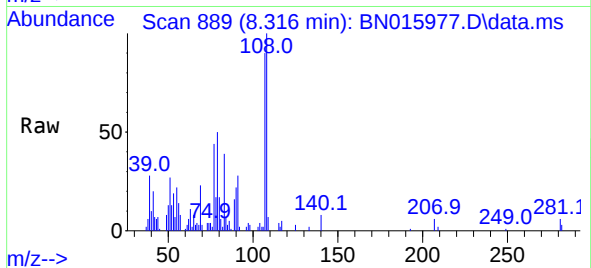
Tgt Ion:128 Resp: 82314
Ion Ratio Lower Upper
128 100
64 51.0 41.4 62.2
130 36.8 25.2 37.8





#13
2-Methylphenol
Concen: 2.254 ng/ul
RT: 8.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

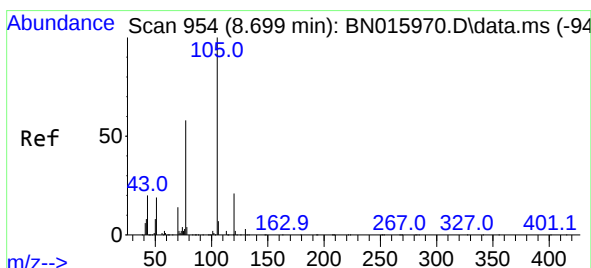
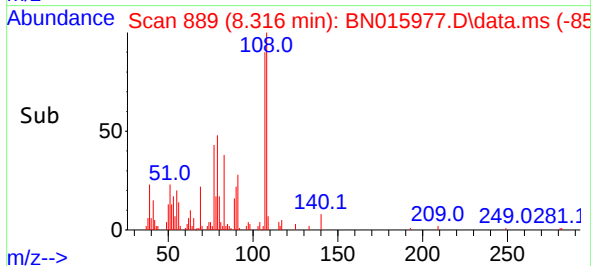
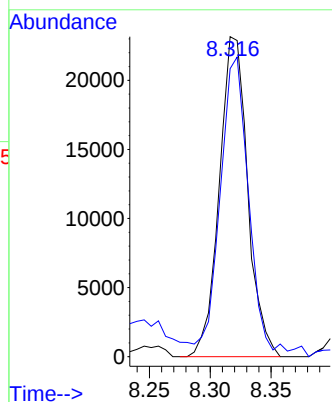
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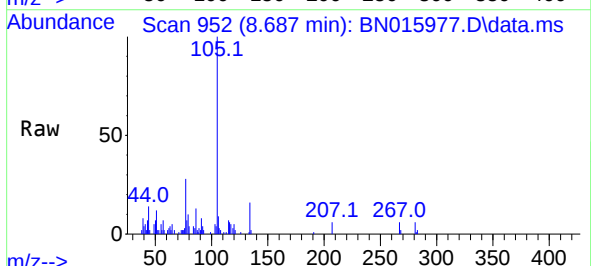
Tgt Ion:108 Resp: 37617
Ion Ratio Lower Upper
108 100
107 90.0 74.9 112.3

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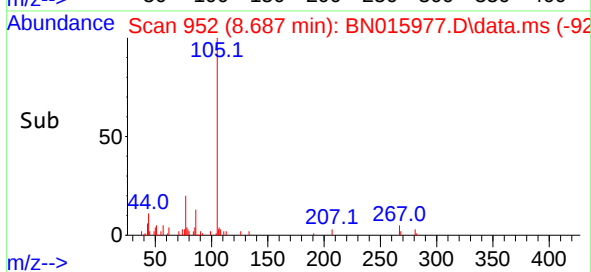
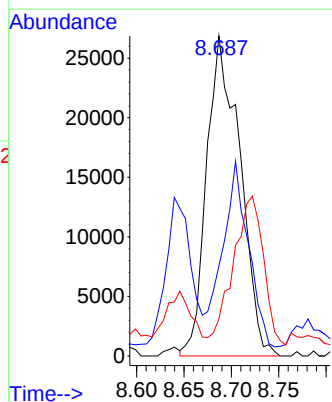
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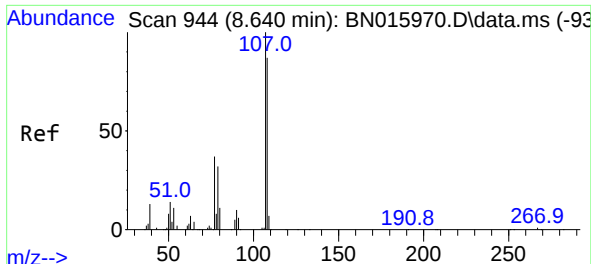


#16
Acetophenone
Concen: 2.343 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. -0.012 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38



Tgt Ion:105 Resp: 65726
Ion Ratio Lower Upper
105 100
77 28.1 66.3 99.5#
51 11.6 23.7 35.5#





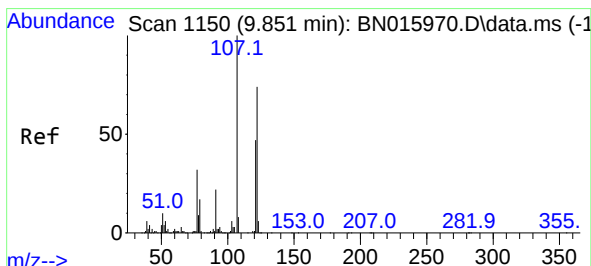
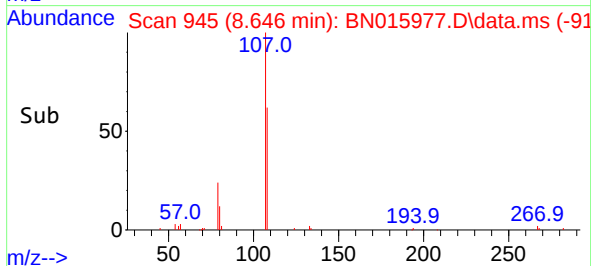
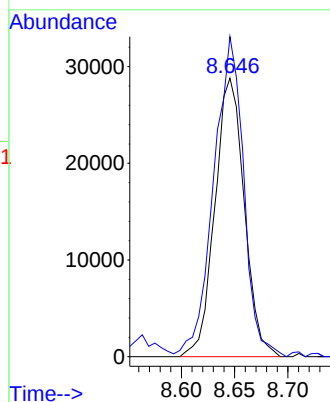
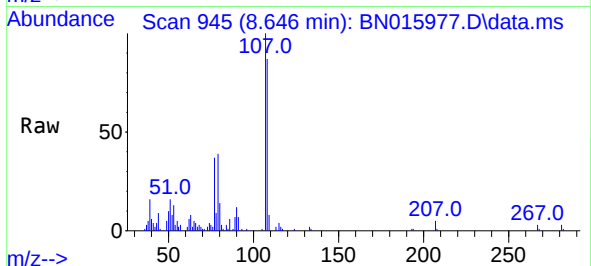
#18
4-Methylphenol
Concen: 3.097 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. 0.006 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

Instrument :
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ClientSampleId :
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Tgt Ion:108 Resp: 55317
Ion Ratio Lower Upper
108 100
107 114.9 85.3 127.9

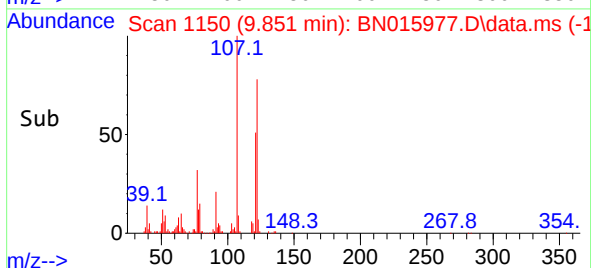
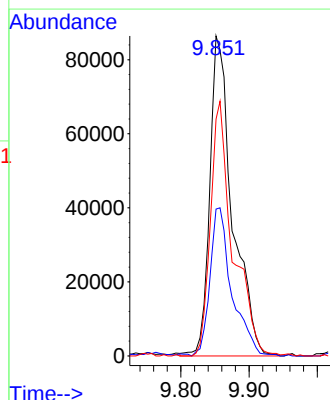
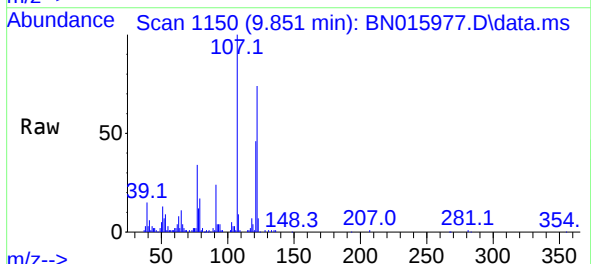
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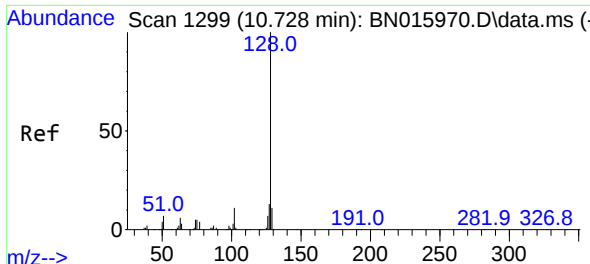
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#26
2,4-Dimethylphenol
Concen: 9.718 ng/ul
RT: 9.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

Tgt Ion:107 Resp: 200429
Ion Ratio Lower Upper
107 100
121 45.9 35.3 52.9
122 74.0 59.4 89.0





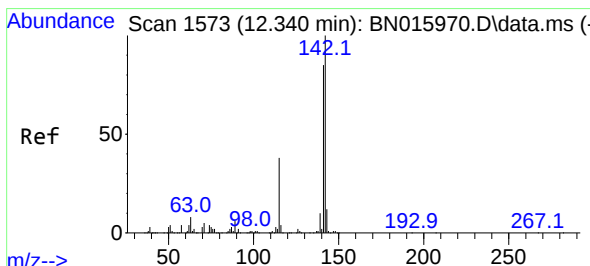
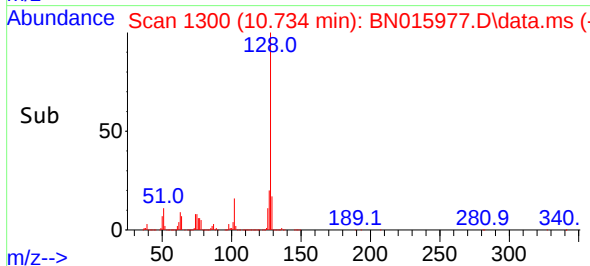
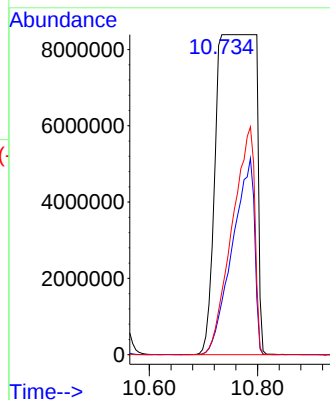
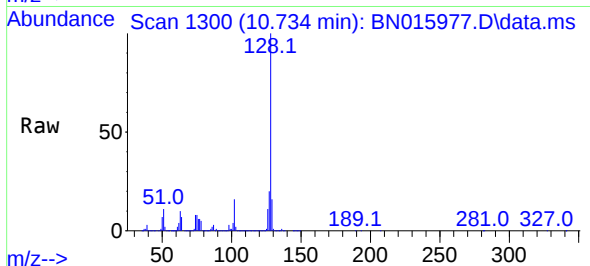
#30
Naphthalene
Concen: 772.227 ng/ul m
RT: 10.734 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

Tgt Ion:128 Resp:42513293
Ion Ratio Lower Upper
128 100
129 16.5 8.8 13.2#
127 19.5 11.1 16.7#

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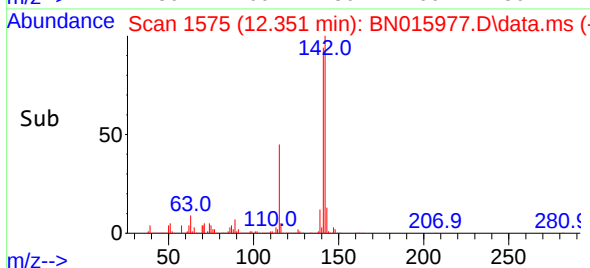
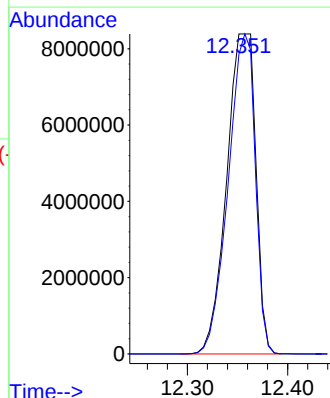
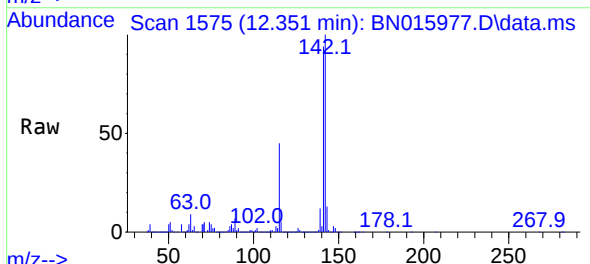
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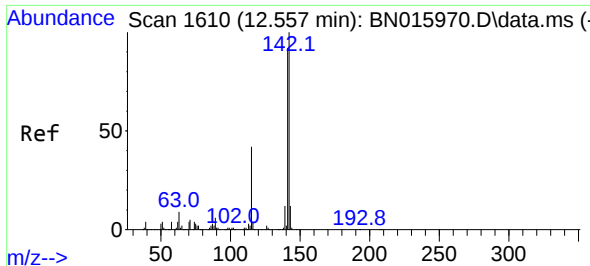
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#36
2-Methylnaphthalene
Concen: 443.794 ng/ul
RT: 12.351 min Scan# 1575
Delta R.T. 0.012 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

Tgt Ion:142 Resp:16990047
Ion Ratio Lower Upper
142 100
141 93.7 73.4 110.0





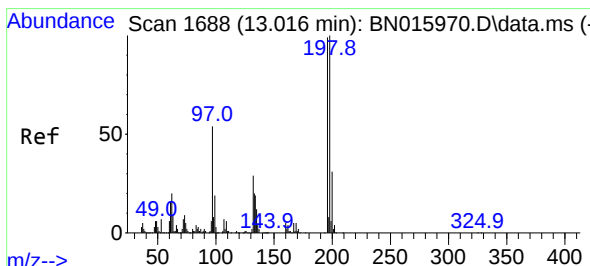
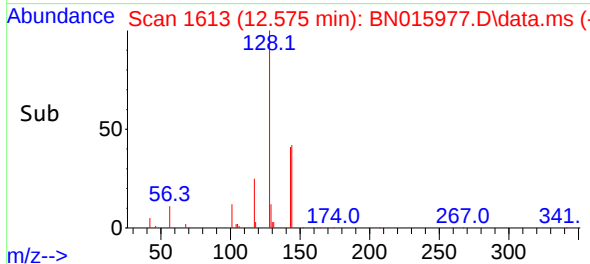
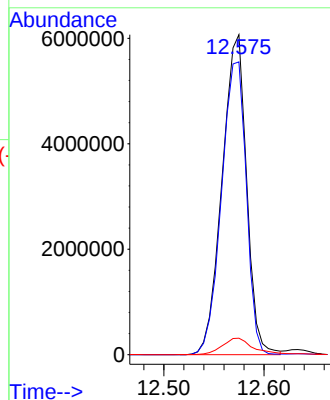
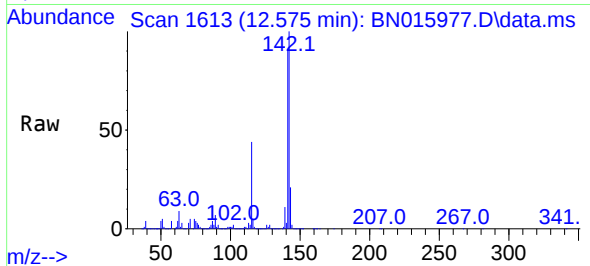
#37
1-Methylnaphthalene
Concen: 270.677 ng/ul
RT: 12.575 min Scan# 1613
Delta R.T. 0.018 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

Tgt Ion:142 Resp:10314469
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4
116 5.1 3.4 5.0#

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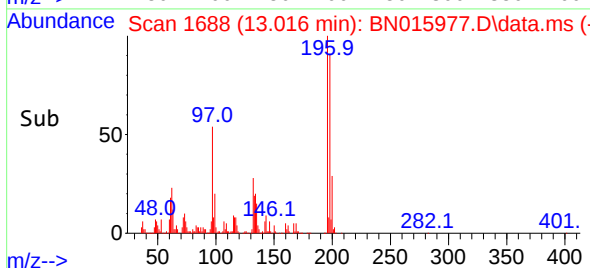
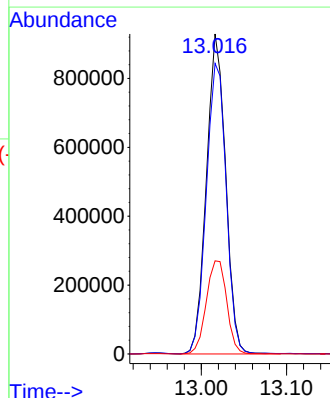
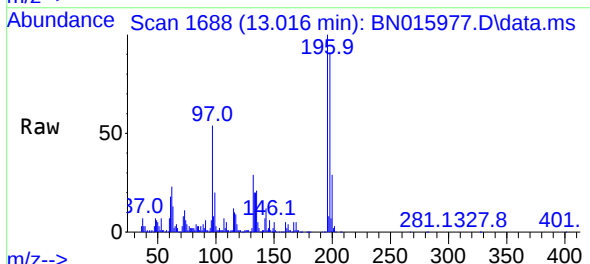
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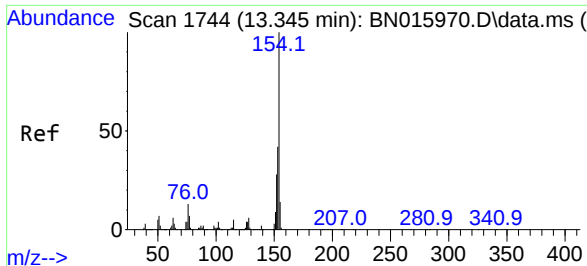
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#42
2,4,5-Trichlorophenol
Concen: 112.823 ng/ul
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

Tgt Ion:196 Resp: 1458376
Ion Ratio Lower Upper
196 100
198 90.8 76.5 114.7
200 29.1 24.6 37.0





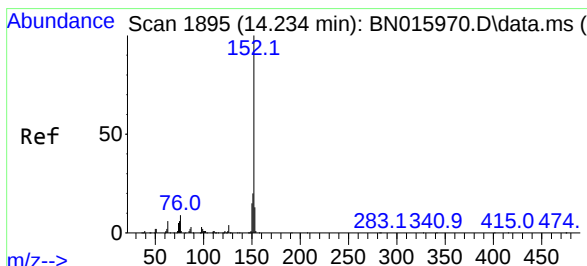
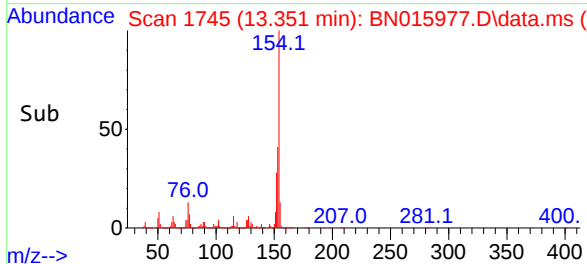
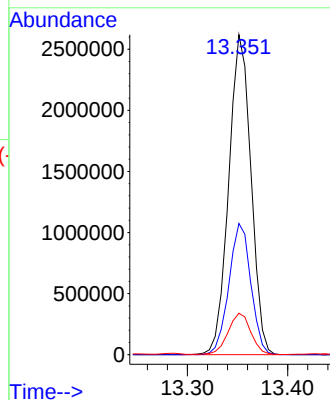
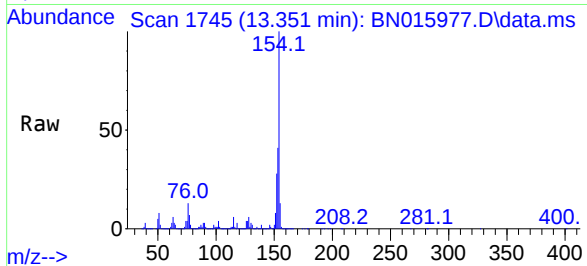
#43
1,1'-Biphenyl
Concen: 78.077 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. 0.006 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

Tgt Ion:154 Resp: 4040936
Ion Ratio Lower Upper
154 100
153 41.0 32.1 48.1
76 13.0 11.0 16.6

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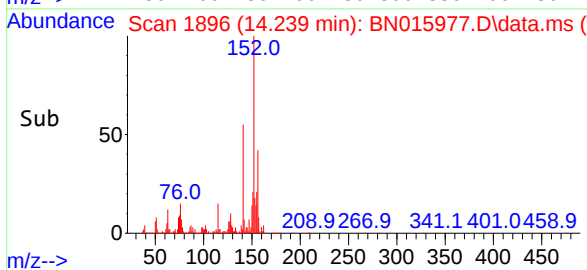
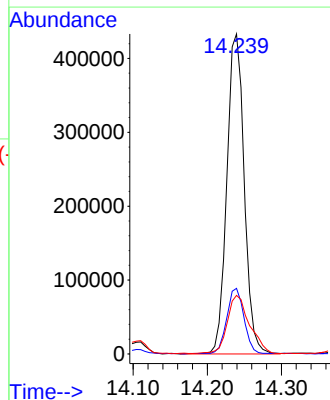
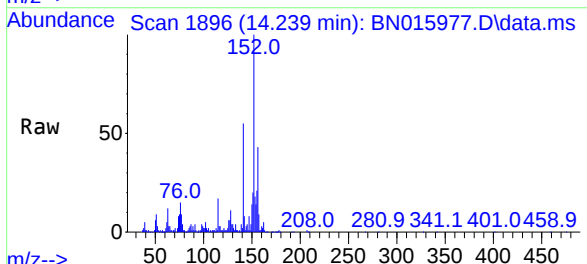
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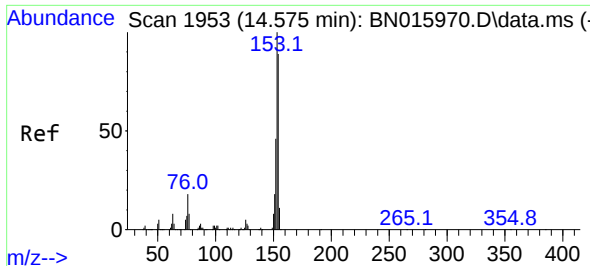
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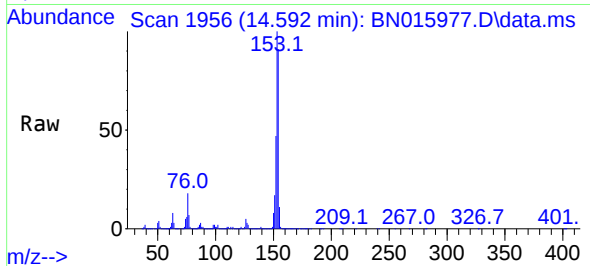
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Acenaphthylene
Concen: 12.090 ng/ul
RT: 14.239 min Scan# 1896
Delta R.T. 0.006 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38

Tgt Ion:152 Resp: 706011
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 18.3 10.3 15.5#

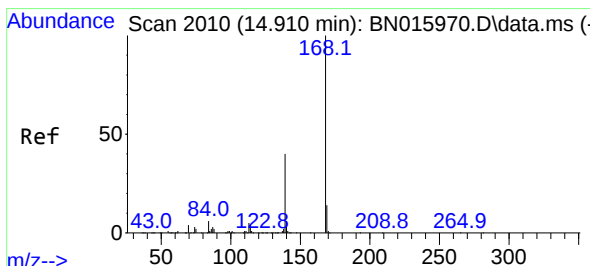
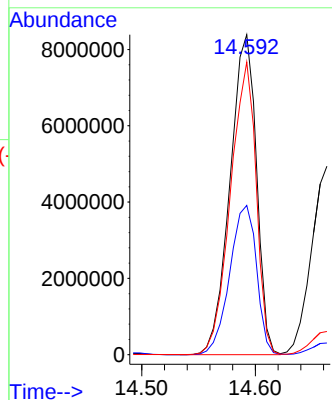
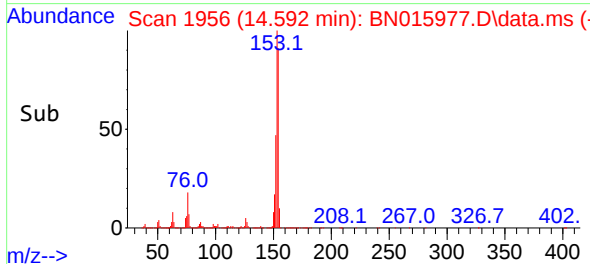




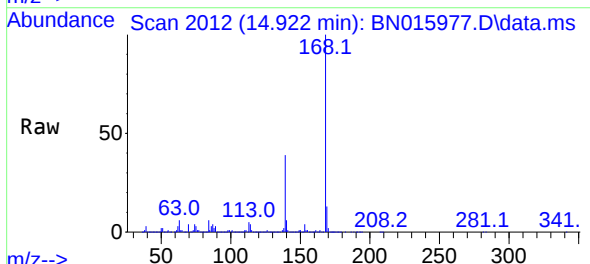
#52
Acenaphthene
Concen: 320.470 ng/u1
RT: 14.592 min Scan# 1956
Delta R.T. 0.018 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38



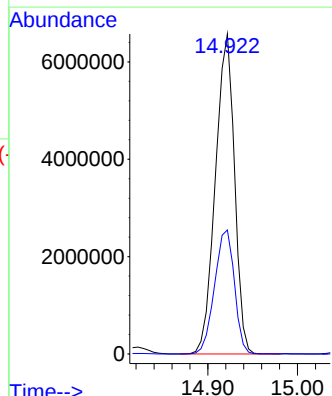
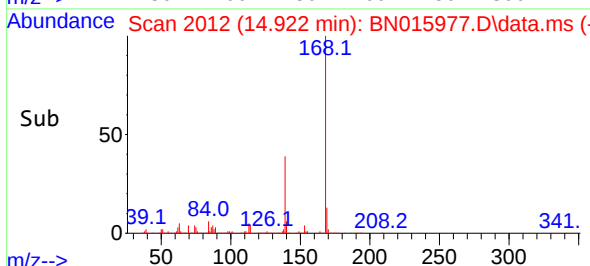
Tgt Ion:153 Resp:13536110
Ion Ratio Lower Upper
153 100
152 46.7 38.6 57.8
154 91.5 69.3 103.9



#56
Dibenzofuran
Concen: 166.355 ng/u1
RT: 14.922 min Scan# 2012
Delta R.T. 0.012 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38



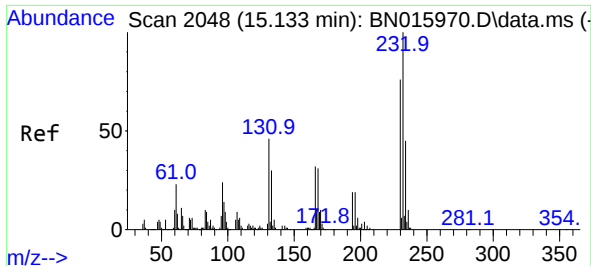
Tgt Ion:168 Resp: 9714480
Ion Ratio Lower Upper
168 100
139 38.7 31.8 47.6



Instrument :
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ClientSampleId :
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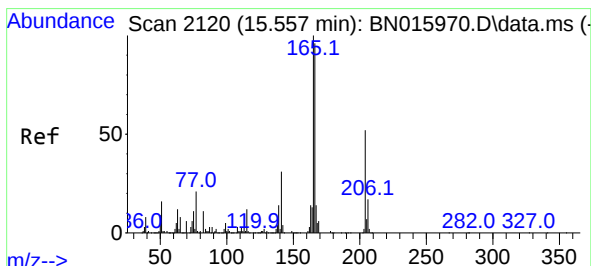
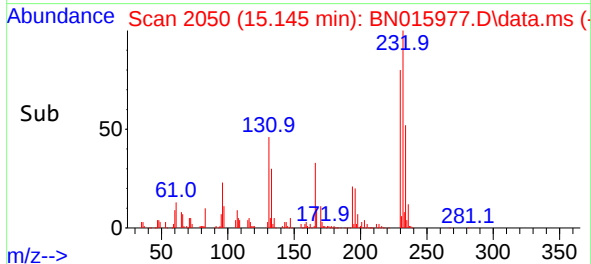
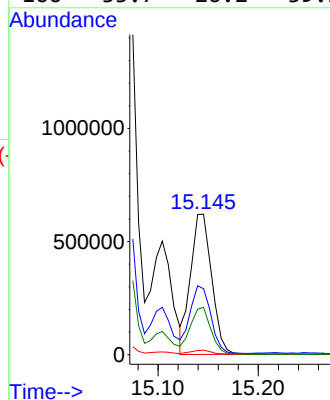
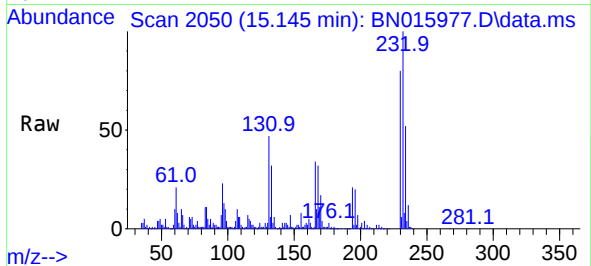
#58
2,3,4,6-Tetrachlorophenol
Concen: 85.214 ng/ul
RT: 15.145 min Scan# 2050
Delta R.T. 0.012 min
Lab File: BN015977.D
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ClientSampleId :
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Tgt Ion:232 Resp: 911452
Ion Ratio Lower Upper
232 100
131 46.9 37.5 56.3
130 3.2 2.2 3.4
166 33.7 26.2 39.2

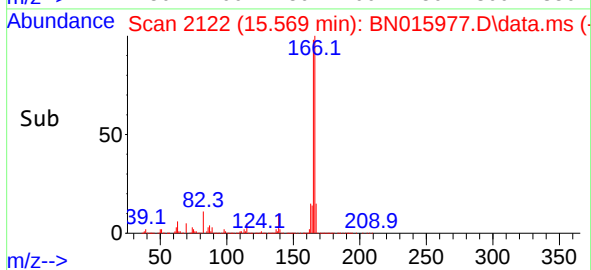
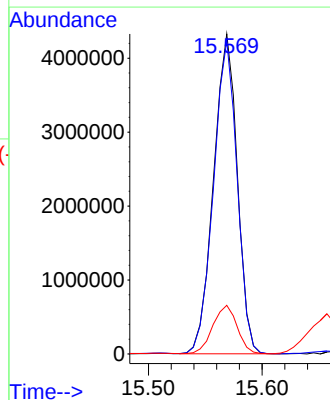
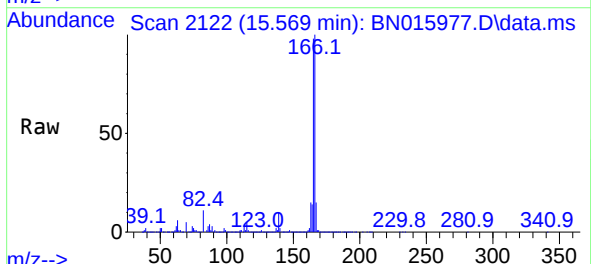
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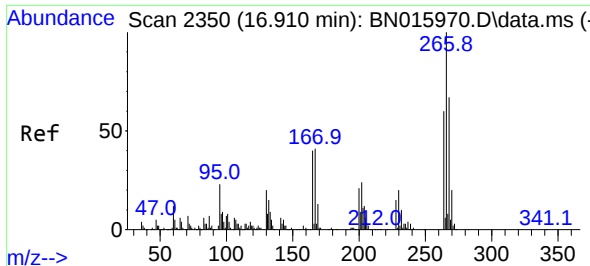
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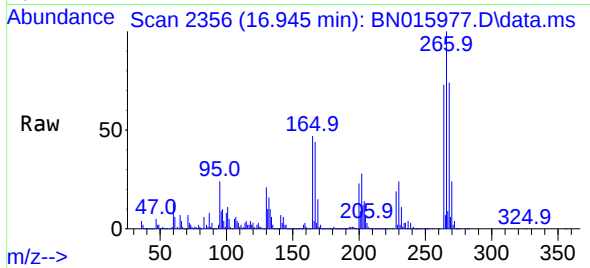
#61
Fluorene
Concen: 131.605 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. 0.012 min
Lab File: BN015977.D
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Tgt Ion:166 Resp: 6271301
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 15.2 10.8 16.2

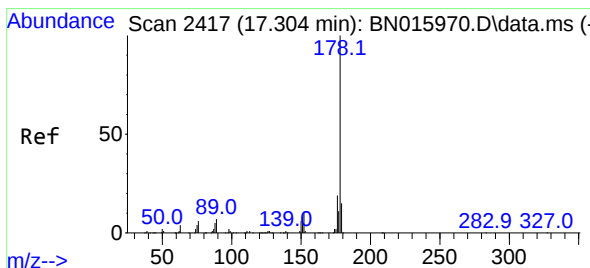
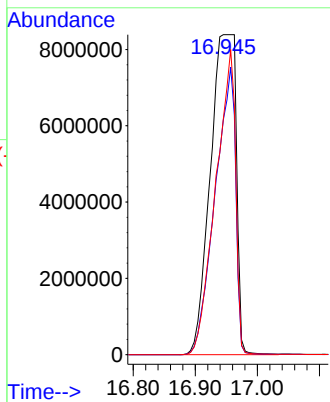
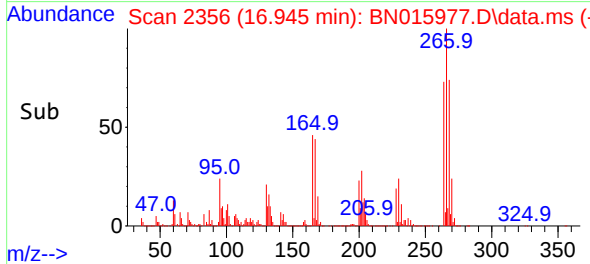




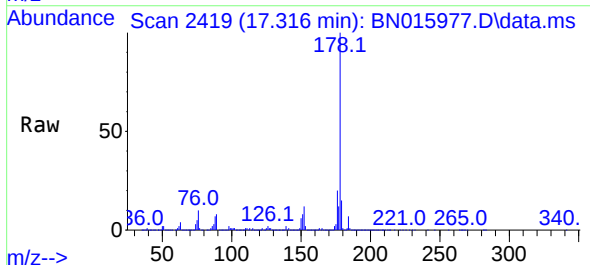
#71
Pentachlorophenol
Concen: 2443.073 ng/ul m
RT: 16.945 min Scan# 2356
Delta R.T. 0.035 min
Lab File: BN015977.D
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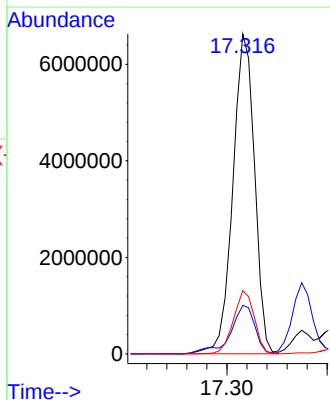
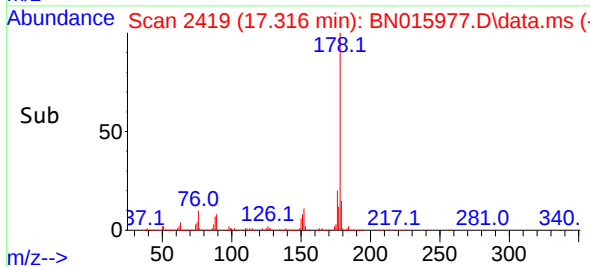
Tgt Ion:266 Resp:24317298
Ion Ratio Lower Upper
266 100
264 73.4 53.8 80.6
268 73.7 52.7 79.1



#72
Phenanthrene
Concen: 129.937 ng/ul
RT: 17.316 min Scan# 2419
Delta R.T. 0.012 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38



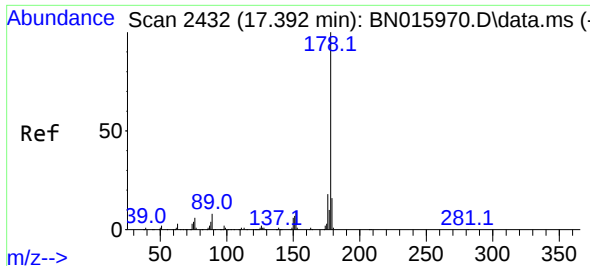
Tgt Ion:178 Resp: 9994199
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.8 14.6 21.8



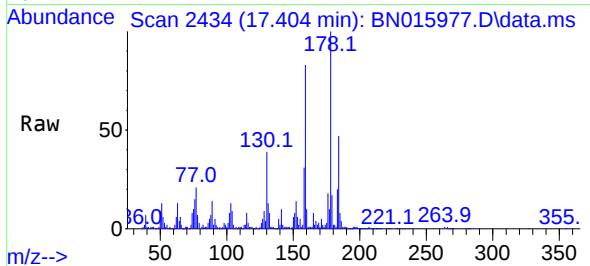
Instrument :
BNA_N
ClientSampleId :
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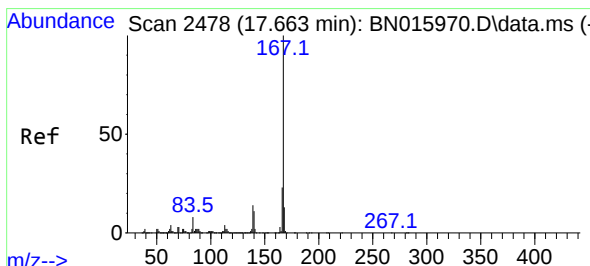
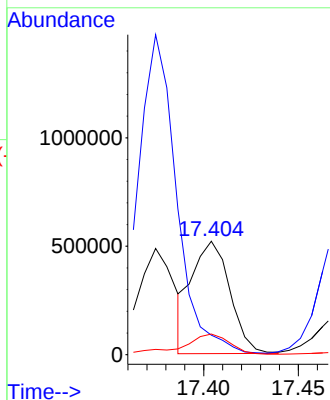
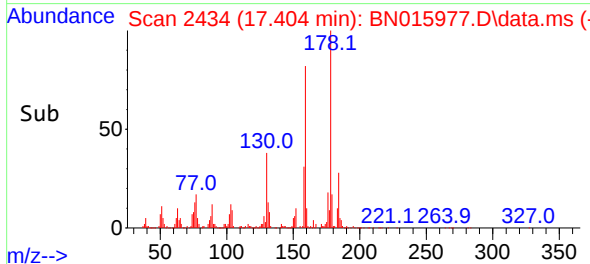
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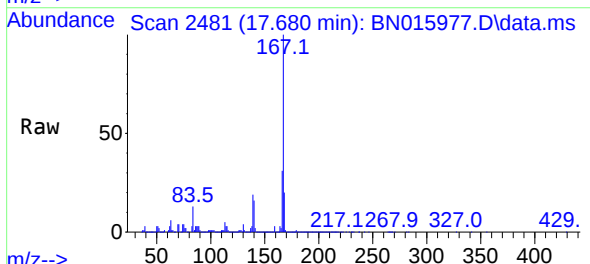
#74
 Anthracene
 Concen: 9.221 ng/ul
 RT: 17.404 min Scan# 2434
 Delta R.T. 0.012 min
 Lab File: BN015977.D
 Acq: 19 Aug 2021 18:38



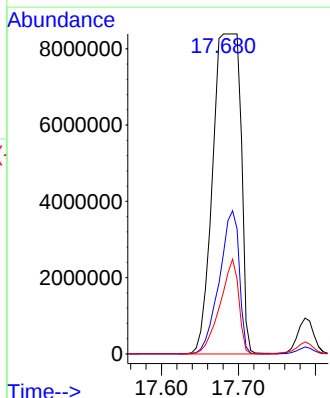
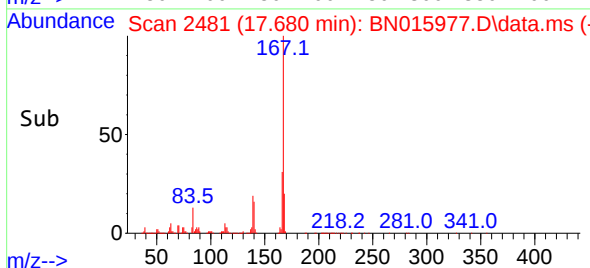
Tgt Ion:178 Resp: 724126
 Ion Ratio Lower Upper
 178 100
 179 17.2 11.6 17.4
 176 18.2 14.4 21.6



#77
 Carbazole
 Concen: 306.852 ng/ul m
 RT: 17.680 min Scan# 2481
 Delta R.T. 0.018 min
 Lab File: BN015977.D
 Acq: 19 Aug 2021 18:38



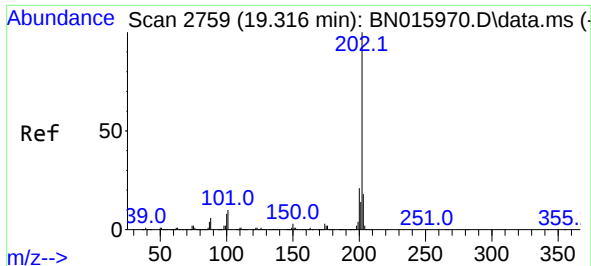
Tgt Ion:167 Resp:21185620
 Ion Ratio Lower Upper
 167 100
 166 31.4 17.1 25.7#
 139 19.4 11.6 17.4#



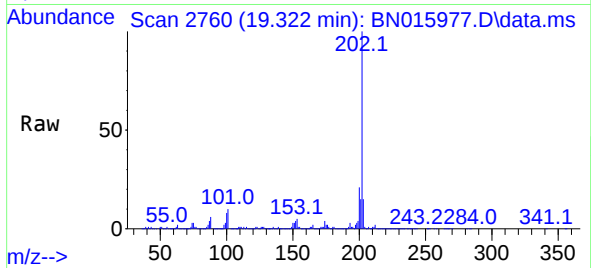
Instrument :
 BNA_N
 ClientSampled :
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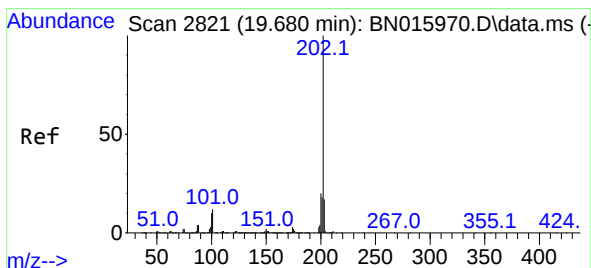
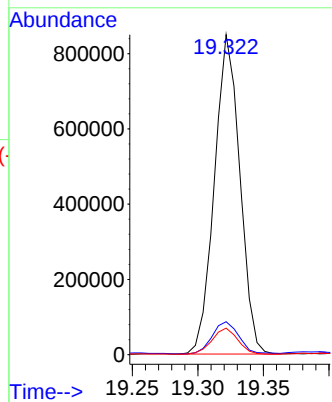
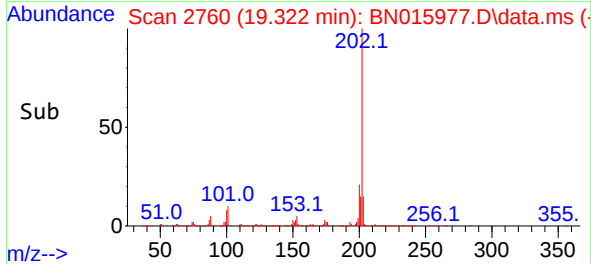
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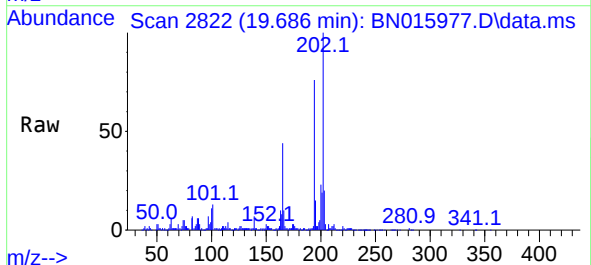
#80
Fluoranthene
Concen: 12.126 ng/ul
RT: 19.322 min Scan# 2760
Delta R.T. 0.006 min
Lab File: BN015977.D
Acq: 19 Aug 2021 18:38



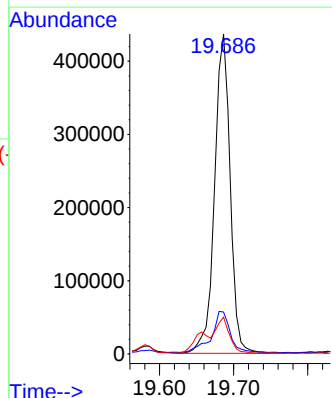
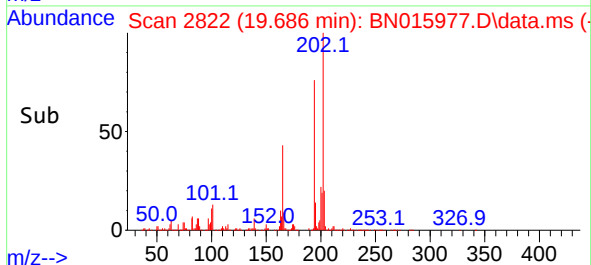
Tgt Ion:202 Resp: 1144271
Ion Ratio Lower Upper
202 100
101 10.3 8.0 12.0
100 8.3 6.7 10.1



#82
Pyrene
Concen: 6.512 ng/ul
RT: 19.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN015977.D
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Tgt Ion:202 Resp: 639557
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 11.5 9.2 13.8



Instrument :
BNA_N
ClientSampleId :
DBKA9

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