

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015948.D
 Acq On : 18 Aug 2021 21:47
 Operator : CG/JU
 Sample : M3399-08
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKB0

Manual Integrations
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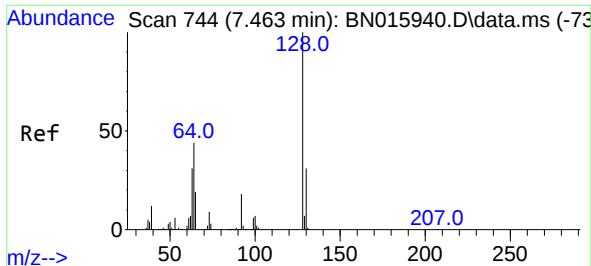
Quant Time: Aug 19 01:03:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 17 09:43:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	255615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	1038064	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.551	164	651209	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	1319535	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1394559	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1379929	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	24548m	3.741	ng/uL	-0.01
4) Pyridine-d5	3.746	84	147506	8.043	ng/ul	0.00
7) Phenol-d5	7.064	99	68615	2.968	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	393112	27.614	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	186743	11.350	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	156702	8.714	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	259612	33.979	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	122950	17.194	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	205241	13.264	ng/ul	0.01
31) 4-Chloroaniline-d4	10.852	131	490783	20.837	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1645737	34.483	ng/ul	0.01
49) Acenaphthylene-d8	14.245	160	1921953	32.157	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	31365	3.716	ng/ul	0.02
60) Fluorene-d10	15.545	176	1434259	34.453	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	2895675	410.909	ng/ul	0.03
73) Anthracene-d10	17.404	188	2146342	34.704	ng/ul	0.00
81) Pyrene-d10	19.692	212	2551323	33.966	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2544283	34.101	ng/ul	0.00
Target Compounds						Qvalue
12) 2-Chlorophenol	7.463	128	48058	2.842	ng/ul	96
13) 2-Methylphenol	8.352	108	29081	1.684	ng/ul	98
18) 4-Methylphenol	8.669	108	36943	1.999	ng/ul	99
26) 2,4-Dimethylphenol	9.887	107	189744m	9.110	ng/ul	
30) Naphthalene	10.763	128	43858854m	788.871	ng/ul	
36) 2-Methylnaphthalene	12.387	142	17447910	451.294	ng/ul	91
37) 1-Methylnaphthalene	12.604	142	11083436	288.010	ng/ul	97
42) 2,4,5-Trichlorophenol	13.051	196	735111	58.451	ng/ul	100
43) 1,1'-Biphenyl	13.387	154	4198261	83.373	ng/ul	99
50) Acenaphthylene	14.275	152	734941	12.935	ng/ul#	91
52) Acenaphthene	14.628	153	13370333	325.346	ng/ul	96
56) Dibenzofuran	14.957	168	9814737	172.745	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.175	232	439475	42.230	ng/ul#	97
61) Fluorene	15.604	166	6404116	138.128	ng/ul	99
71) Pentachlorophenol	16.975	266	12703102	1368.423	ng/ul	94
72) Phenanthrene	17.351	178	9839312	137.164	ng/ul	97
74) Anthracene	17.439	178	690730m	9.432	ng/ul	
77) Carbazole	17.710	167	21504531m	333.970	ng/ul	
80) Fluoranthene	19.357	202	1108377	12.196	ng/ul	98
82) Pyrene	19.722	202	627316	6.632	ng/ul	98

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

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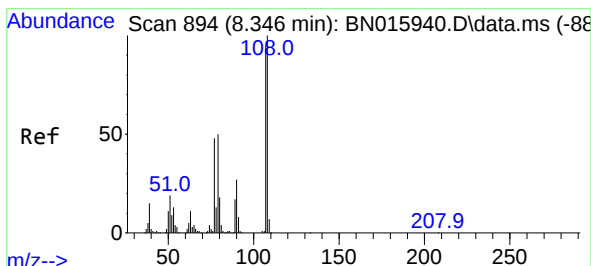
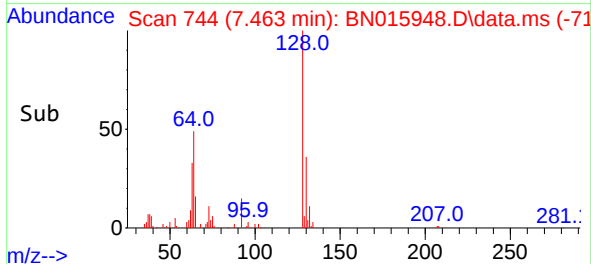
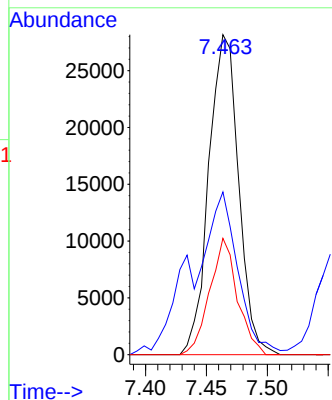
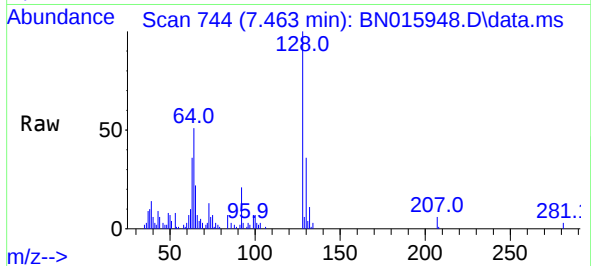
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2-Chlorophenol
Concen: 2.842 ng/ul
RT: 7.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

Tgt Ion:128 Resp: 48058
Ion Ratio Lower Upper
128 100
64 50.8 41.4 62.2
130 36.4 25.2 37.8

Instrument :
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ClientSampleId :
DBKB0

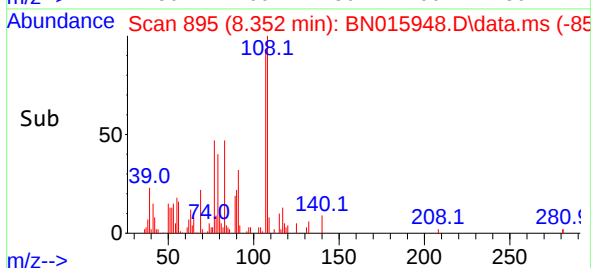
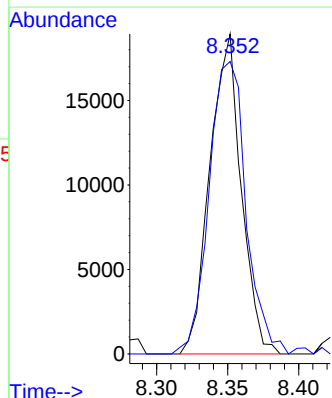
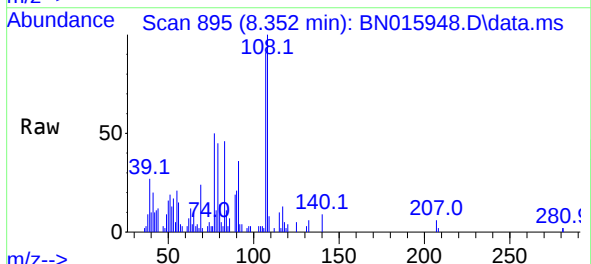
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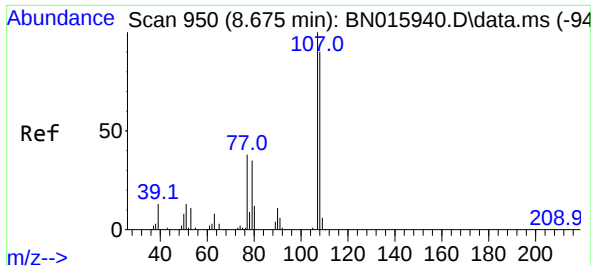
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#13
2-Methylphenol
Concen: 1.684 ng/ul
RT: 8.352 min Scan# 895
Delta R.T. 0.012 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

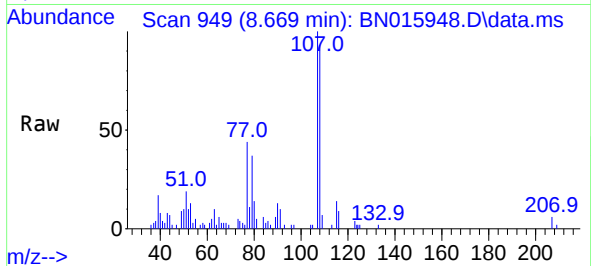
Tgt Ion:108 Resp: 29081
Ion Ratio Lower Upper
108 100
107 91.4 74.9 112.3





#18
4-Methylphenol
Concen: 1.999 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

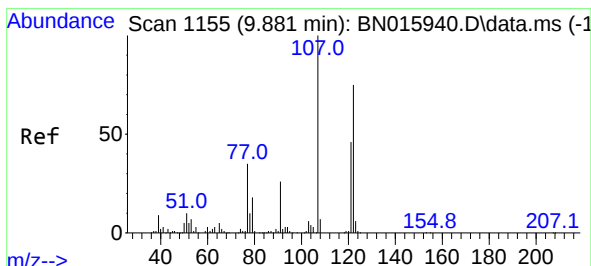
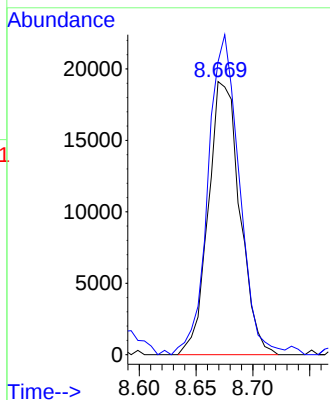
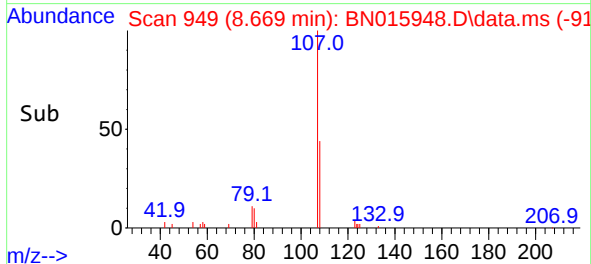
Instrument :
BNA_N
ClientSampled :
DBKB0



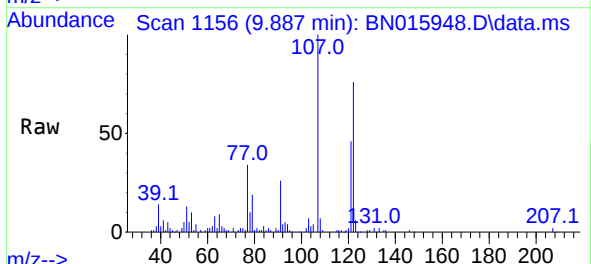
Tgt Ion:108 Resp: 36943
Ion Ratio Lower Upper
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107 107.2 85.3 127.9

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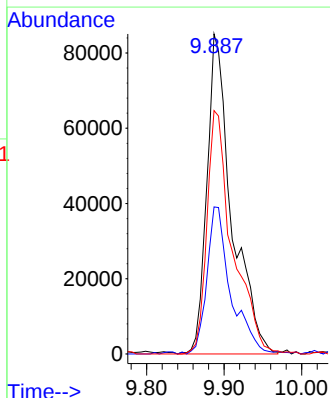
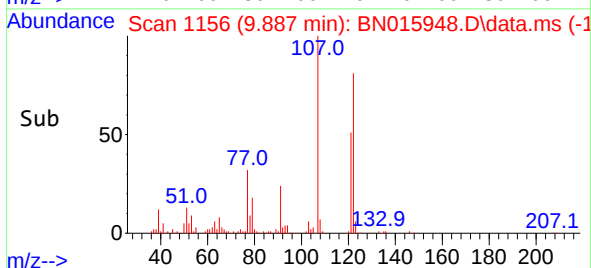
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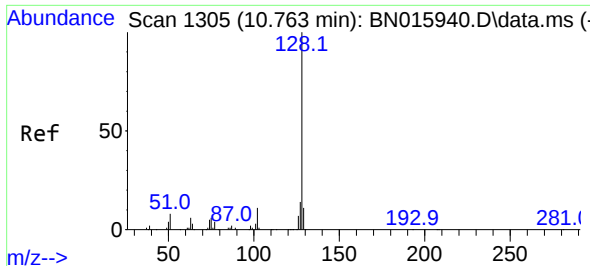


#26
2,4-Dimethylphenol
Concen: 9.110 ng/ul m
RT: 9.887 min Scan# 1156
Delta R.T. 0.012 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47



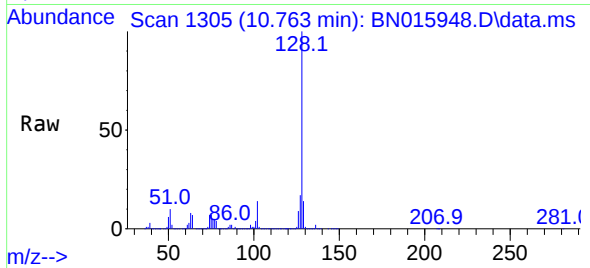
Tgt Ion:107 Resp: 189744
Ion Ratio Lower Upper
107 100
121 45.9 35.3 52.9
122 76.1 59.4 89.0





#30
Naphthalene
Concen: 788.871 ng/ul m
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

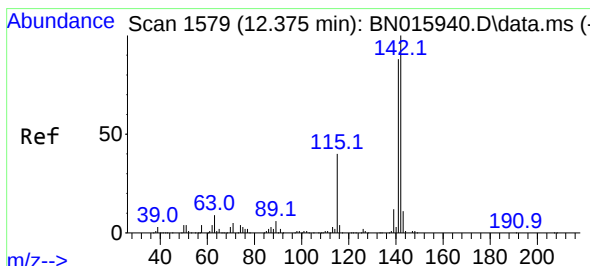
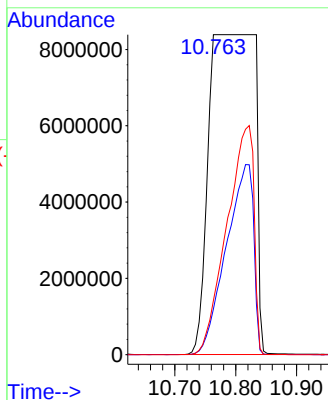
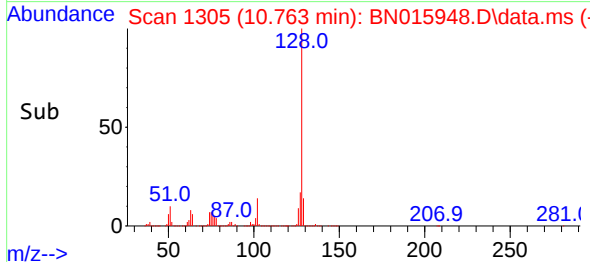
Instrument :
BNA_N
ClientSampled :
DBKB0



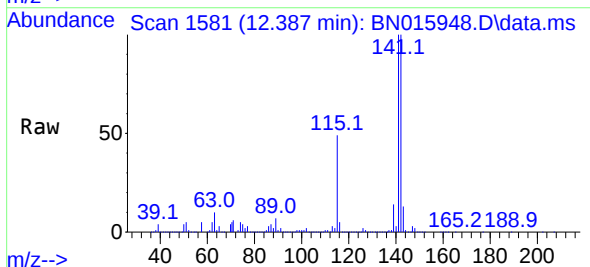
Tgt Ion:128 Resp:43858854
Ion Ratio Lower Upper
128 100
129 14.3 8.8 13.2#
127 16.9 11.1 16.7#

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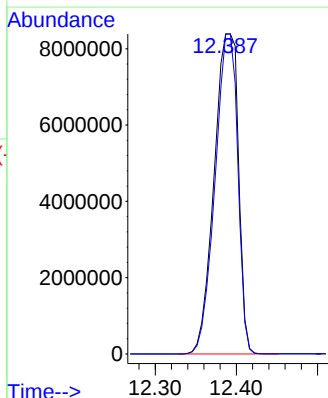
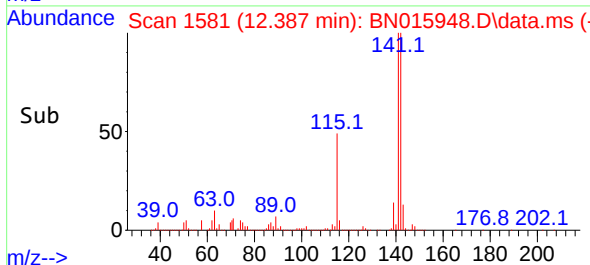
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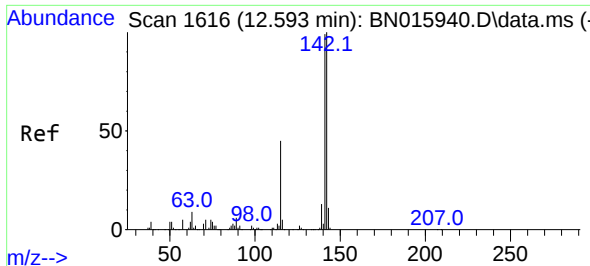


#36
2-Methylnaphthalene
Concen: 451.294 ng/ul
RT: 12.387 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

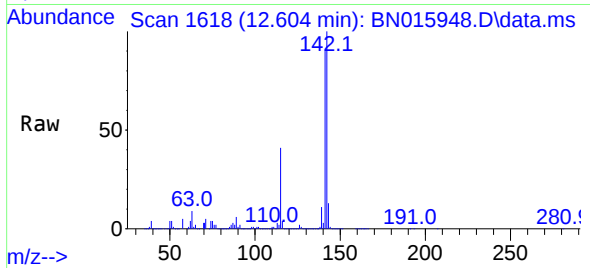


Tgt Ion:142 Resp:17447910
Ion Ratio Lower Upper
142 100
141 100.0 73.4 110.0

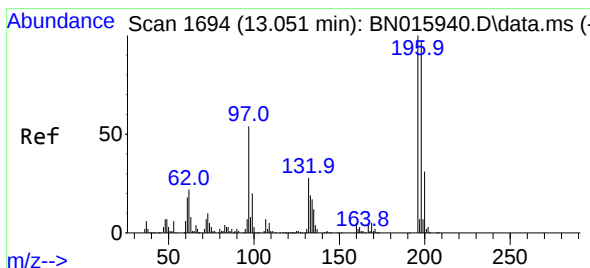
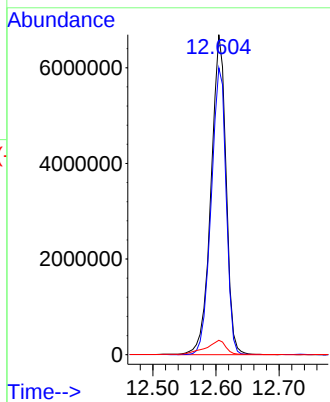
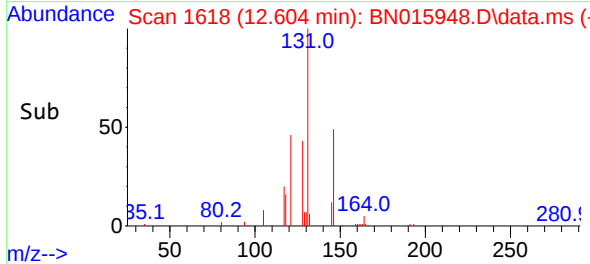




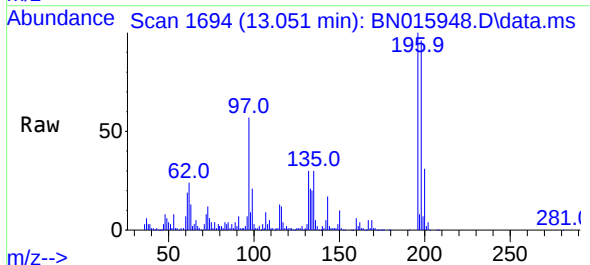
#37
1-Methylnaphthalene
Concen: 288.010 ng/ul
RT: 12.604 min Scan# 1618
Delta R.T. 0.012 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47



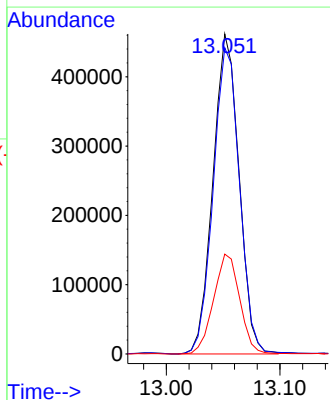
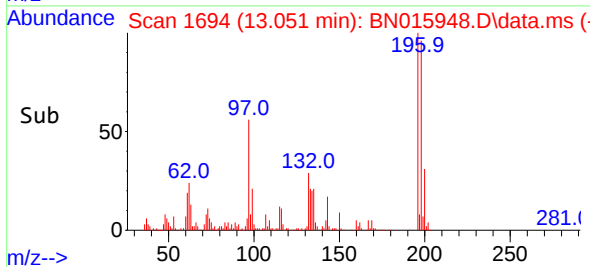
Tgt Ion:142 Resp:11083436
Ion Ratio Lower Upper
142 100
141 89.7 74.2 111.4
116 4.5 3.4 5.0



#42
2,4,5-Trichlorophenol
Concen: 58.451 ng/ul
RT: 13.051 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47



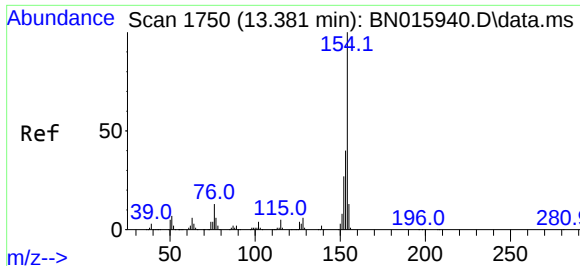
Tgt Ion:196 Resp: 735111
Ion Ratio Lower Upper
196 100
198 95.7 76.5 114.7
200 31.2 24.6 37.0



Instrument :
BNA_N
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DBKB0

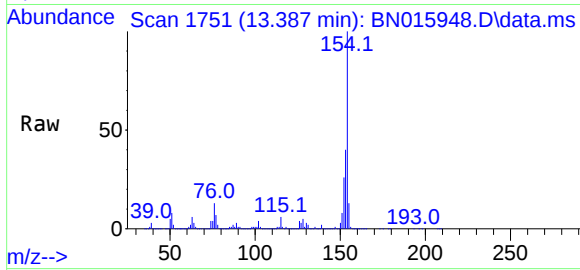
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#43
1,1'-Biphenyl
Concen: 83.373 ng/ul
RT: 13.387 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

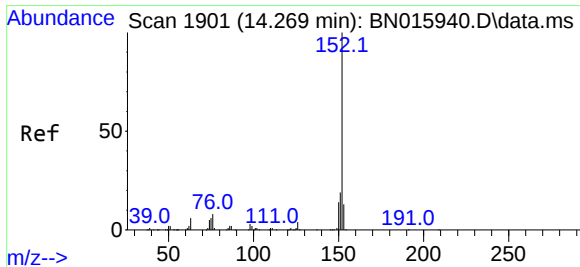
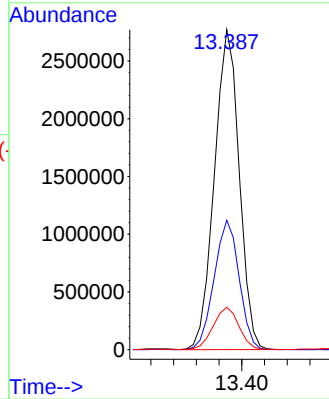
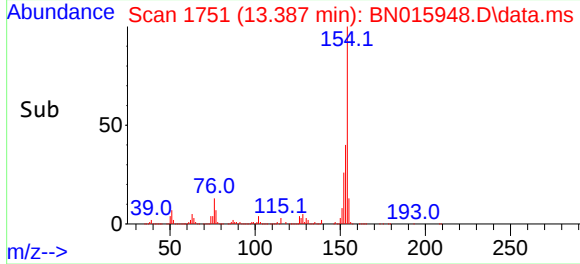
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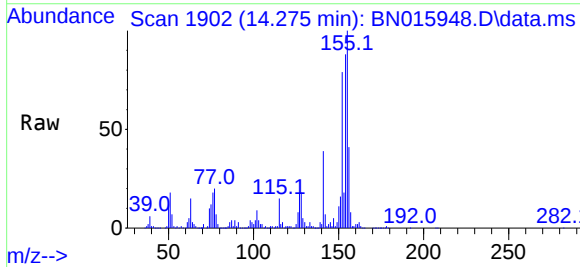
Tgt Ion:154 Resp: 4198261
Ion Ratio Lower Upper
154 100
153 40.5 32.1 48.1
76 13.2 11.0 16.6

Manual Integrations
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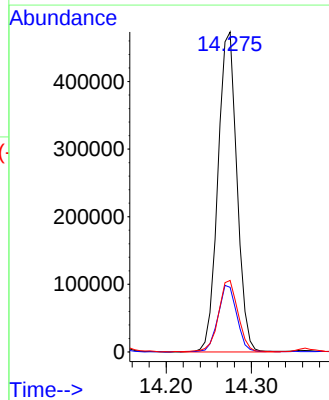
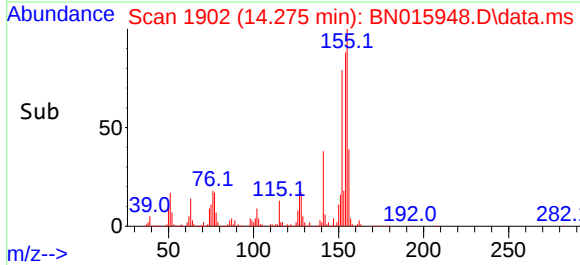
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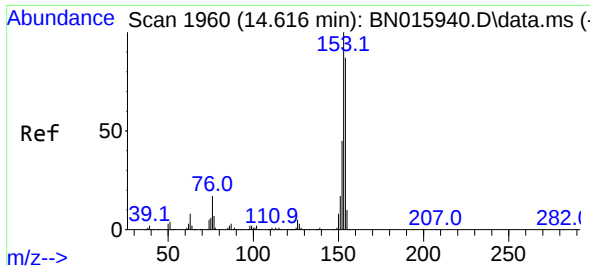


#50
Acenaphthylene
Concen: 12.935 ng/ul
RT: 14.275 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47



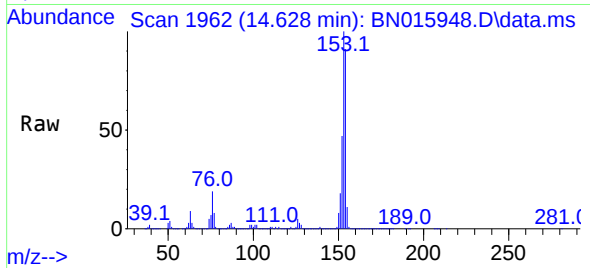
Tgt Ion:152 Resp: 734941
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 22.4 10.3 15.5#





#52
Acenaphthene
Concen: 325.346 ng/u1
RT: 14.628 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

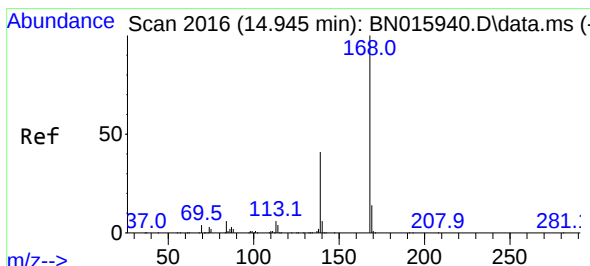
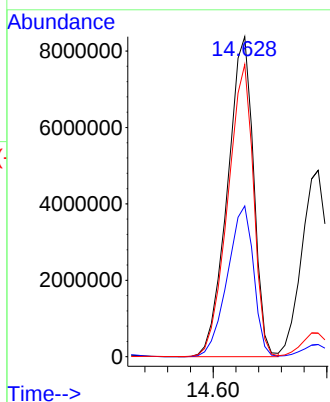
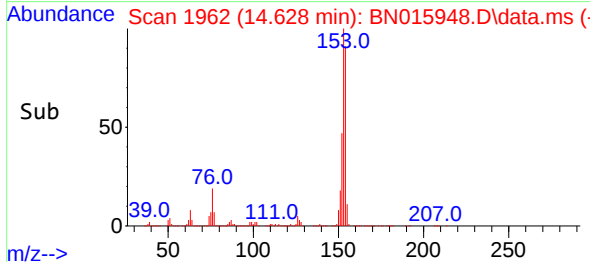
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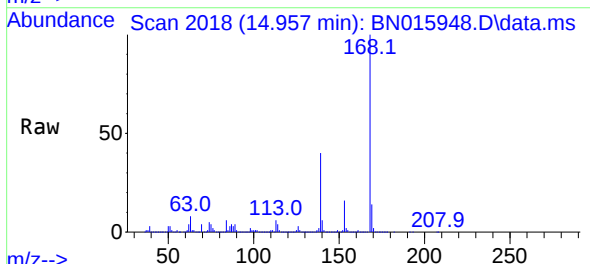
Tgt Ion:153 Resp:13370333
Ion Ratio Lower Upper
153 100
152 47.1 38.6 57.8
154 91.3 69.3 103.9

Manual Integrations
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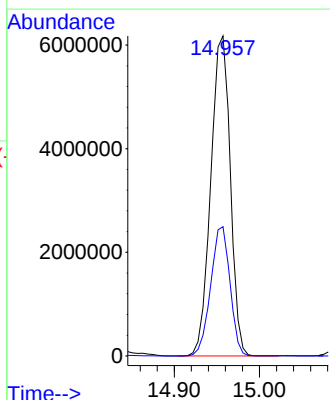
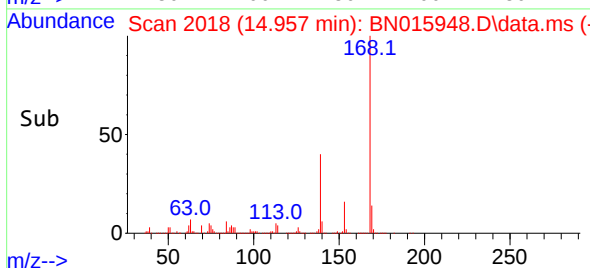
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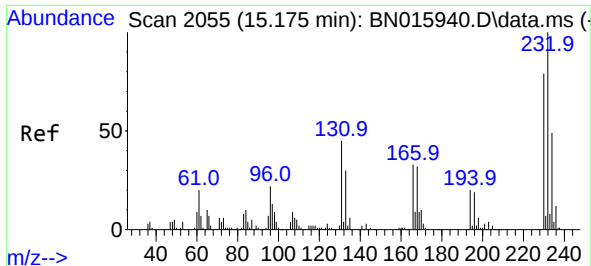


#56
Dibenzofuran
Concen: 172.745 ng/u1
RT: 14.957 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47



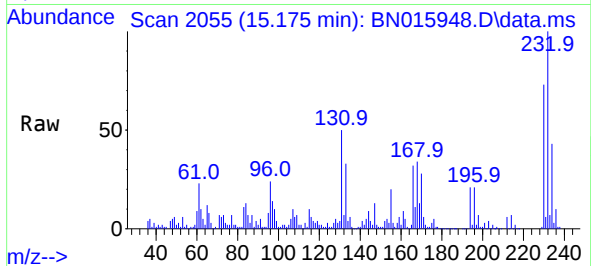
Tgt Ion:168 Resp: 9814737
Ion Ratio Lower Upper
168 100
139 40.4 31.8 47.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 42.230 ng/ul
RT: 15.175 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

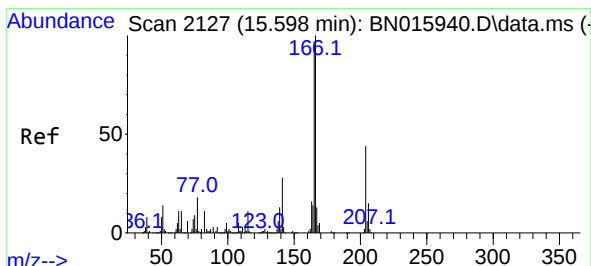
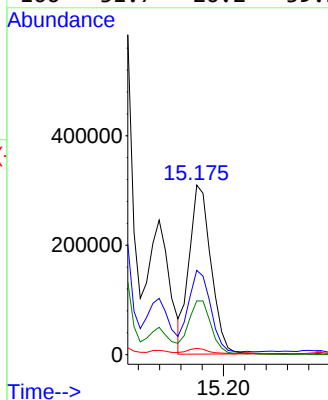
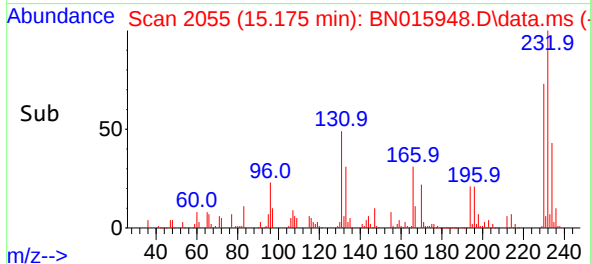
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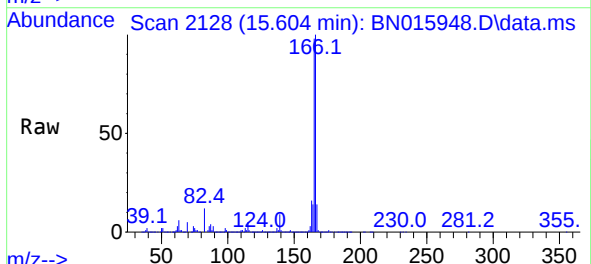
Tgt Ion:232 Resp: 439475
Ion Ratio Lower Upper
232 100
131 49.8 37.5 56.3
130 3.6 2.2 3.4#
166 31.7 26.2 39.2

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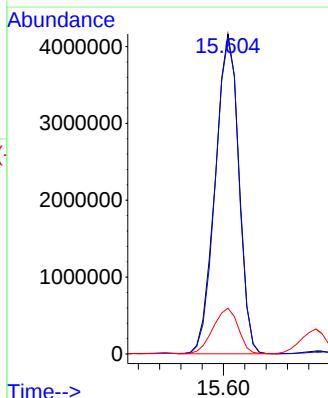
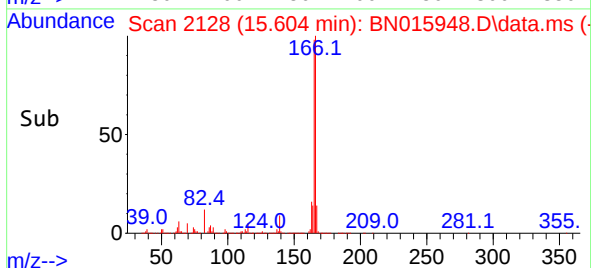
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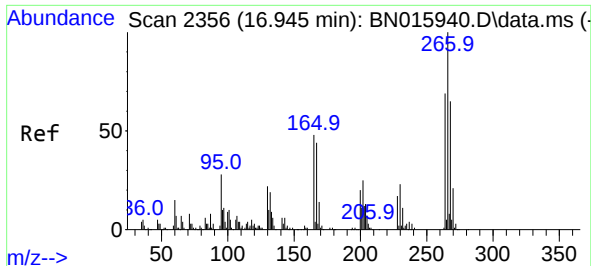


#61
Fluorene
Concen: 138.128 ng/ul
RT: 15.604 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

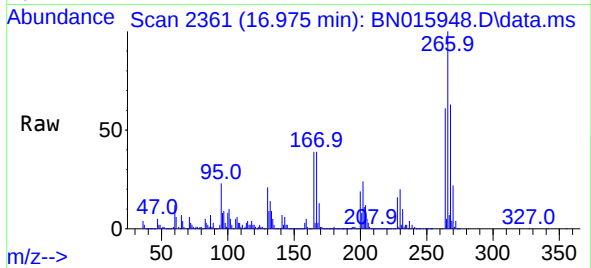


Tgt Ion:166 Resp: 6404116
Ion Ratio Lower Upper
166 100
165 98.5 78.4 117.6
167 14.3 10.8 16.2



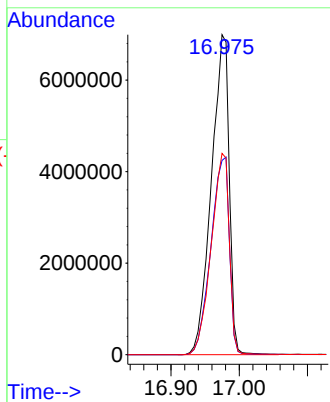
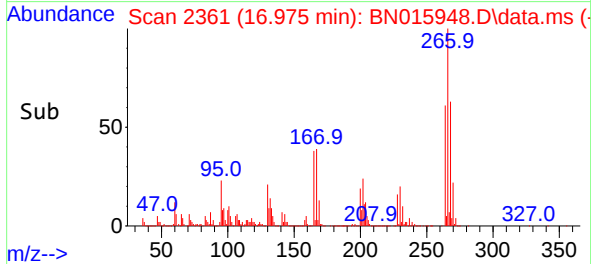


#71
Pentachlorophenol
Concen: 1368.423 ng/ul
RT: 16.975 min Scan# 2361
Delta R.T. 0.029 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47



Tgt Ion:266 Resp:12703102

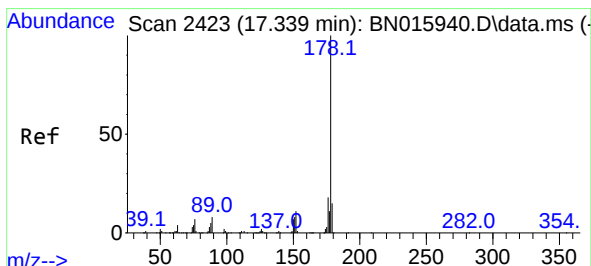
Ion	Ratio	Lower	Upper
266	100		
264	60.7	53.8	80.6
268	62.9	52.7	79.1



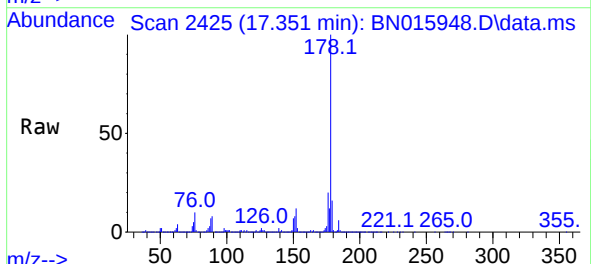
Instrument :
BNA_N
ClientSampled :
DBKB0

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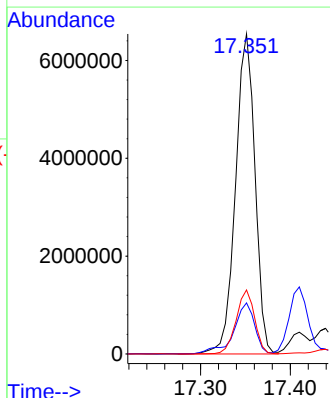
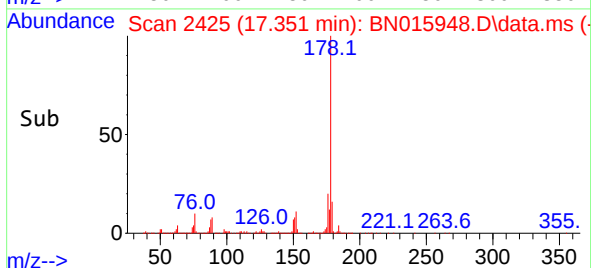


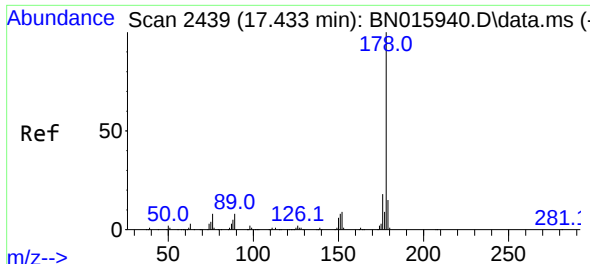
#72
Phenanthrene
Concen: 137.164 ng/ul
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47



Tgt Ion:178 Resp: 9839312

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	20.0	14.6	21.8





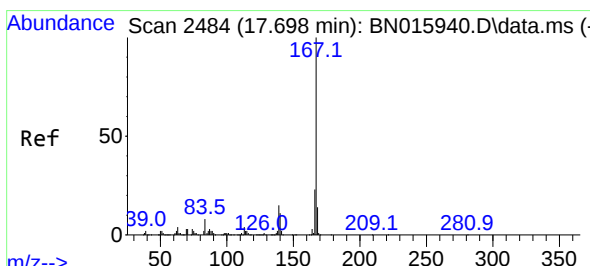
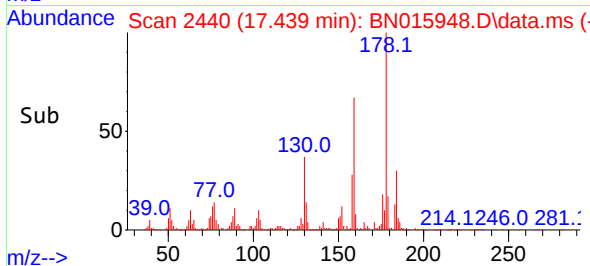
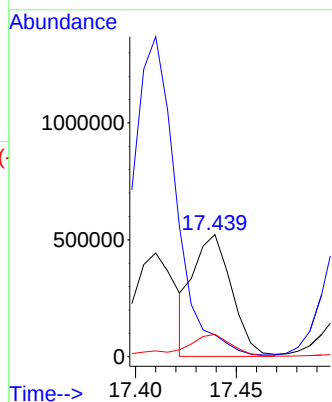
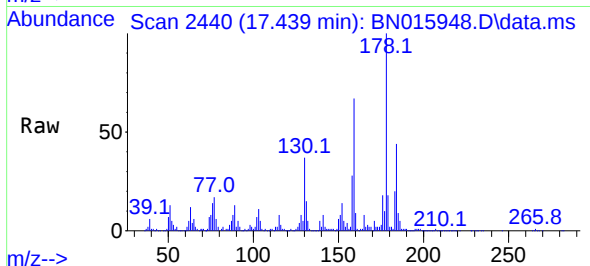
#74
 Anthracene
 Concen: 9.432 ng/ul m
 RT: 17.439 min Scan# 2440
 Delta R.T. 0.006 min
 Lab File: BN015948.D
 Acq: 18 Aug 2021 21:47

Instrument :
 BNA_N
 ClientSampled :
 DBKB0

Tgt Ion:178 Resp: 690730
 Ion Ratio Lower Upper
 178 100
 179 18.0 11.6 17.4#
 176 18.4 14.4 21.6

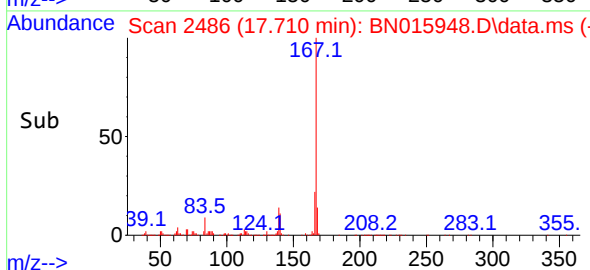
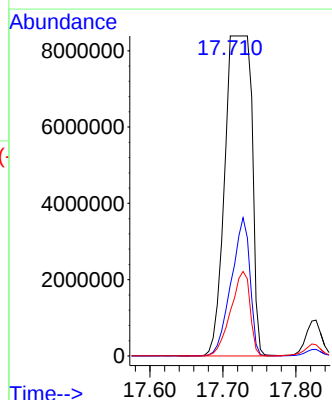
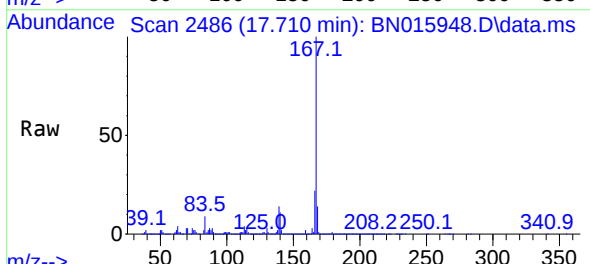
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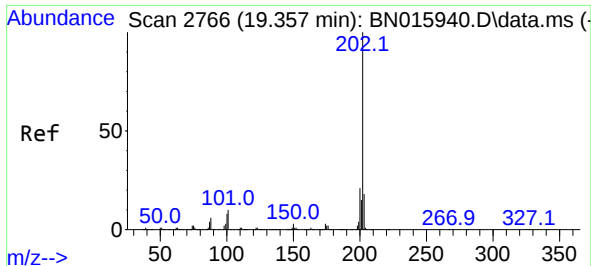
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#77
 Carbazole
 Concen: 333.970 ng/ul m
 RT: 17.710 min Scan# 2486
 Delta R.T. 0.012 min
 Lab File: BN015948.D
 Acq: 18 Aug 2021 21:47

Tgt Ion:167 Resp:21504531
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.1 25.7
 139 14.1 11.6 17.4





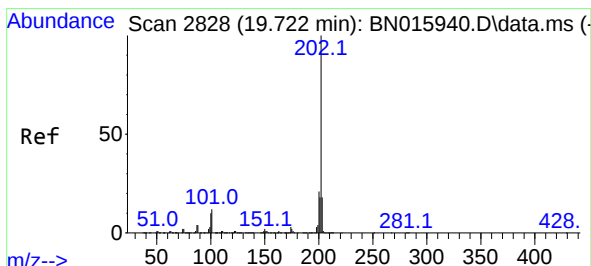
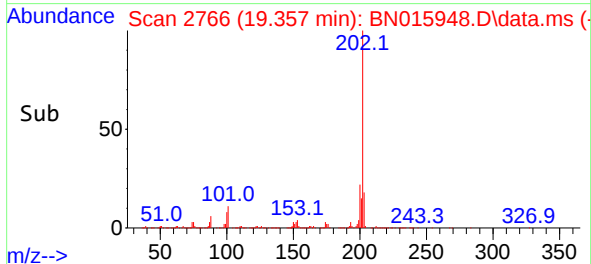
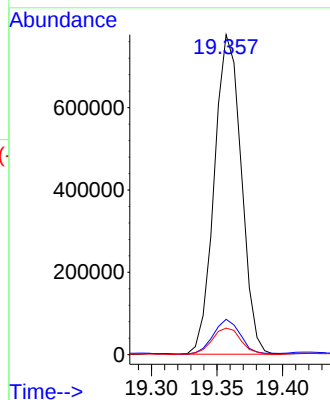
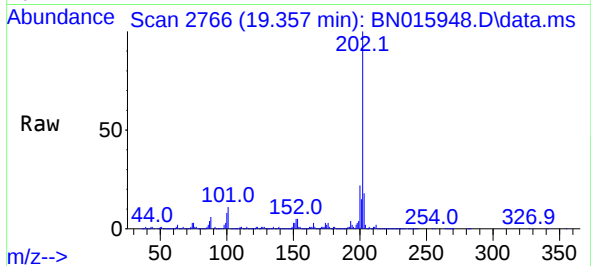
#80
Fluoranthene
Concen: 12.196 ng/u1
RT: 19.357 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

Tgt Ion:202 Resp: 1108377
Ion Ratio Lower Upper
202 100
101 11.0 8.0 12.0
100 8.3 6.7 10.1

Instrument :
BNA_N
ClientSampled :
DBKB0

Manual Integrations
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#82
Pyrene
Concen: 6.632 ng/u1
RT: 19.722 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BN015948.D
Acq: 18 Aug 2021 21:47

Tgt Ion:202 Resp: 627316
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 10.5 9.2 13.8

