

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010721\
 Data File : BN013357.D
 Acq On : 07 Jan 2021 19:31
 Operator : CG/JU
 Sample : M1037-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-63-68-010621-FD

Quant Time: Jan 08 02:22:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 07 16:27:07 2021
 Response via : Initial Calibration

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

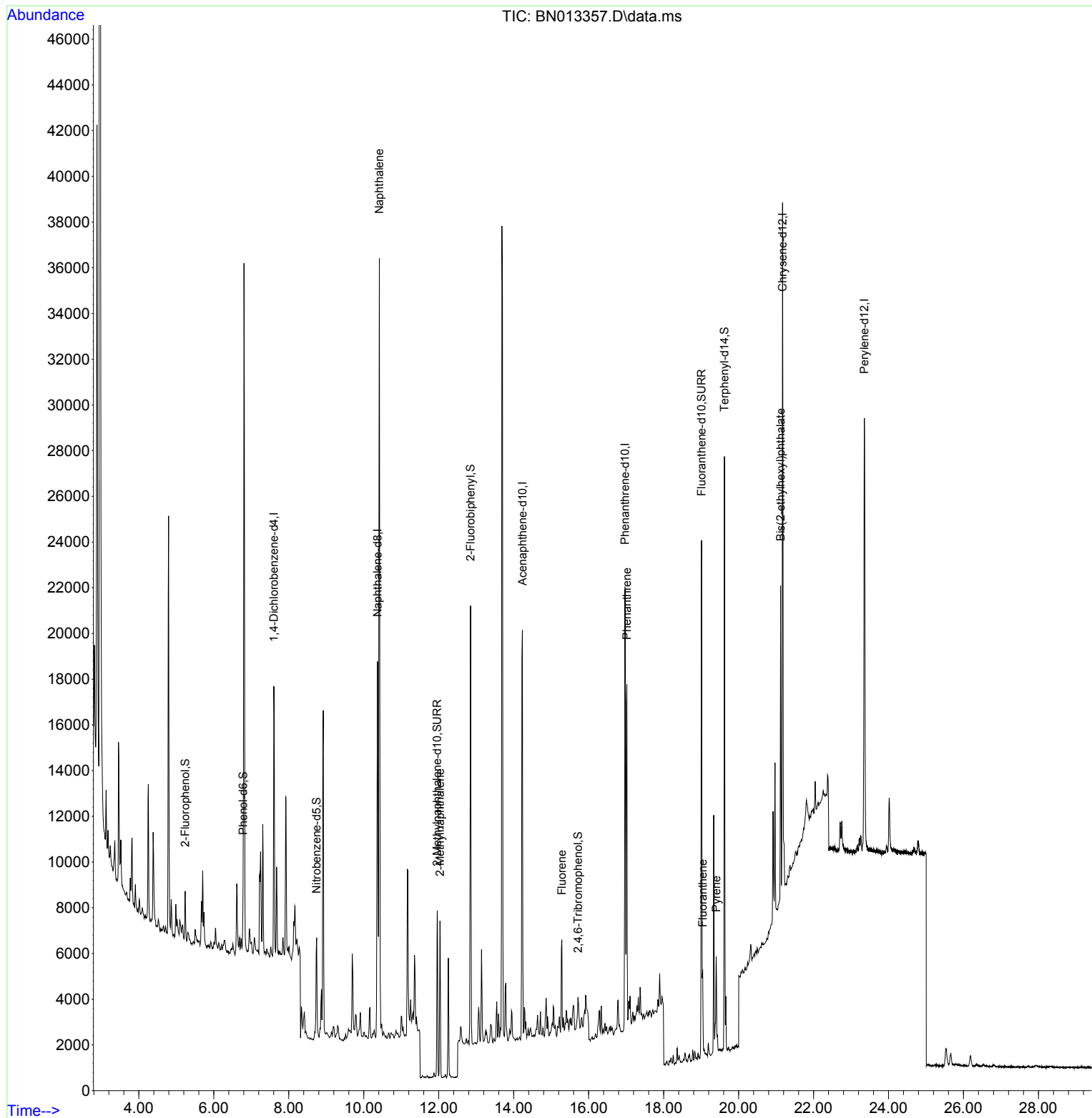
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	5310	0.40	ng	0.00
7) Naphthalene-d8	10.366	136	20637	0.40	ng	0.00
13) Acenaphthene-d10	14.232	164	11580	0.40	ng	0.00
19) Phenanthrene-d10	16.970	188	25048	0.40	ng	0.00
29) Chrysene-d12	21.173	240	26779	0.40	ng	0.00
36) Perylene-d12	23.356	264	24769	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	1612	0.10	ng	0.00
5) Phenol-d6	6.782	99	1651	0.08	ng	0.00
8) Nitrobenzene-d5	8.743	82	3615	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	11.960	152	9478	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.717	330	941	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.849	172	13040	0.26	ng	0.00
27) Fluoranthene-d10	19.012	212	26411	0.33	ng	0.00
31) Terphenyl-d14	19.623	244	25508	0.37	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.416	128	43236	0.70	ng	100
12) 2-Methylnaphthalene	12.035	142	4755	0.11	ng	99
18) Fluorene	15.285	166	2759	0.05	ng	# 94
25) Phenanthrene	17.018	178	17854	0.21	ng	99
28) Fluoranthene	19.042	202	3159	0.03	ng	# 95
30) Pyrene	19.404	202	3758	0.04	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.120	149	11318	0.39	ng	100

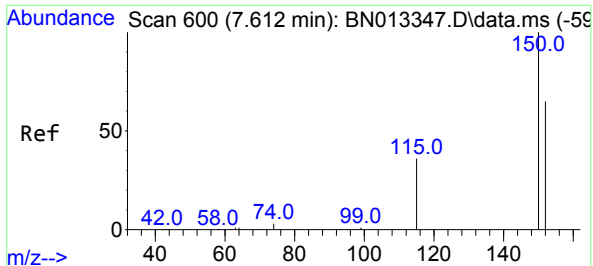
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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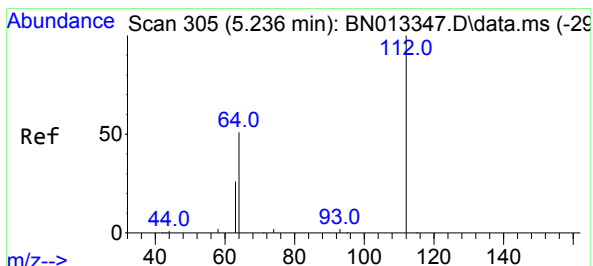
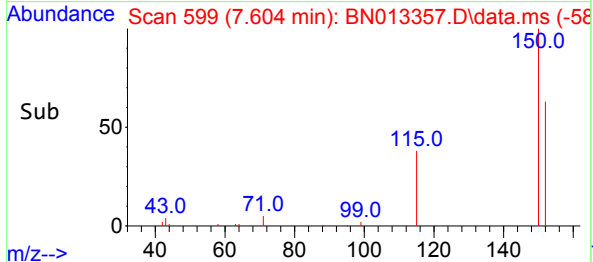
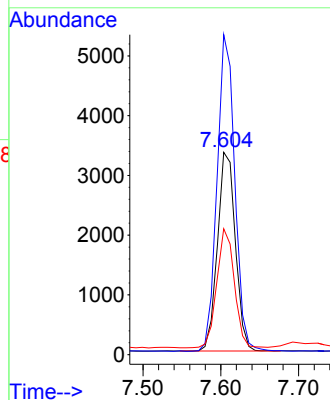
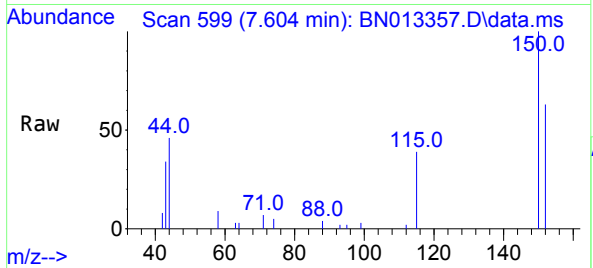




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.604 min Scan# 599
Delta R.T. -0.008 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

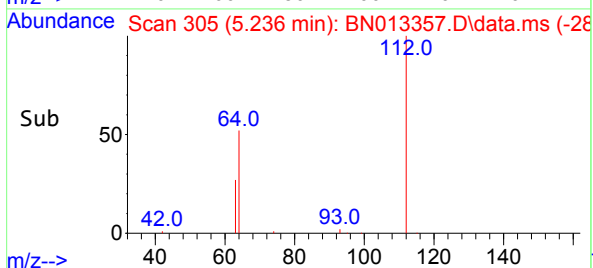
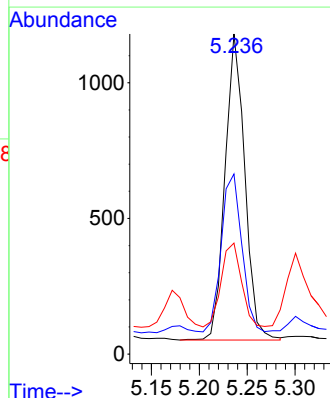
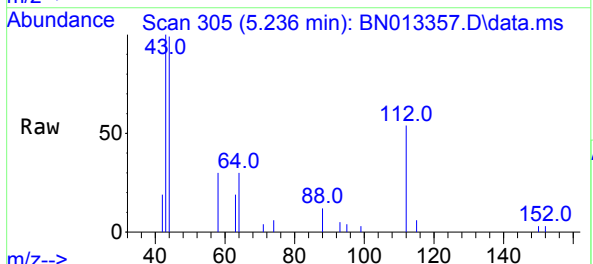
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BNA_N
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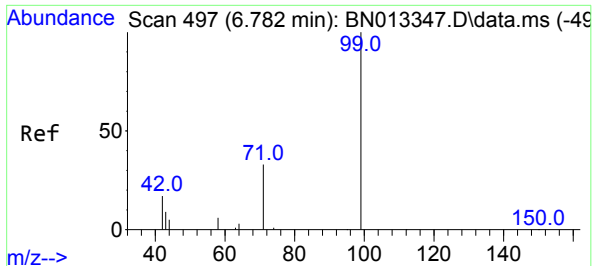
Tgt Ion:152 Resp: 5310
Ion Ratio Lower Upper
152 100
150 158.1 121.8 182.8
115 62.2 46.6 69.8



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.236 min Scan# 305
Delta R.T. 0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Tgt Ion:112 Resp: 1612
Ion Ratio Lower Upper
112 100
64 54.6 44.3 66.5
63 28.4 23.0 34.6

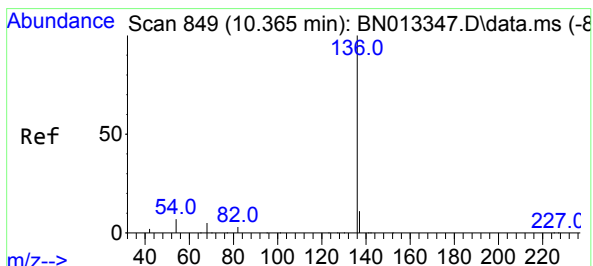
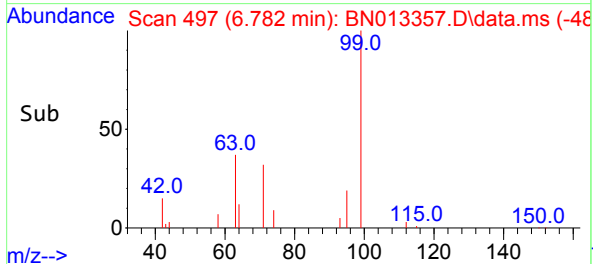
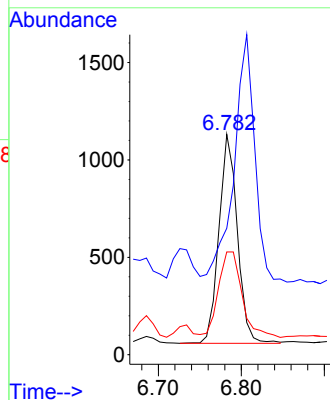
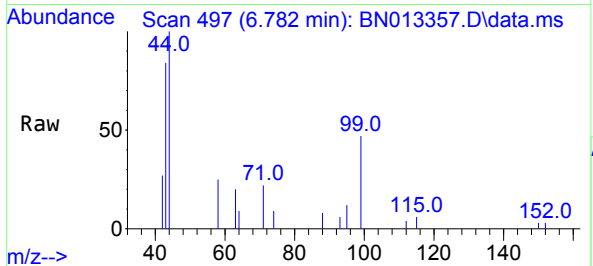




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.782 min Scan# 497
Delta R.T. 0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

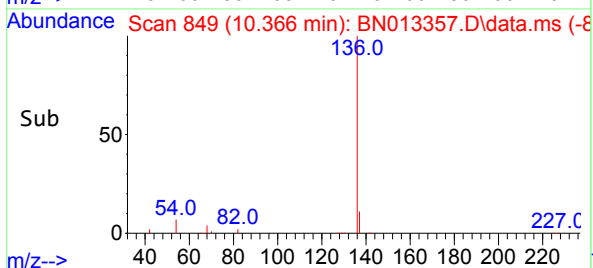
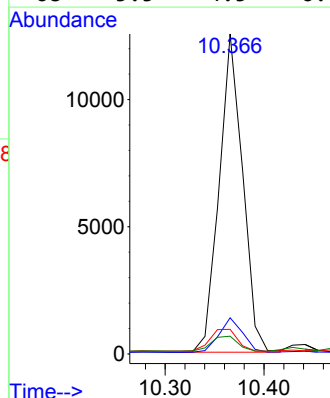
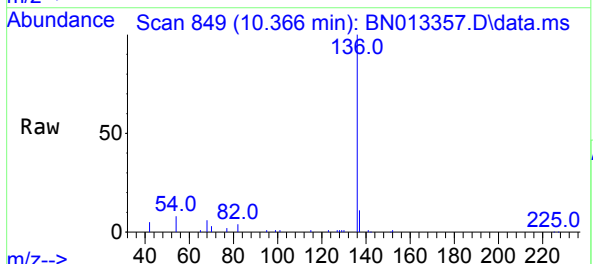
Instrument :
BNA_N
ClientSampleId :
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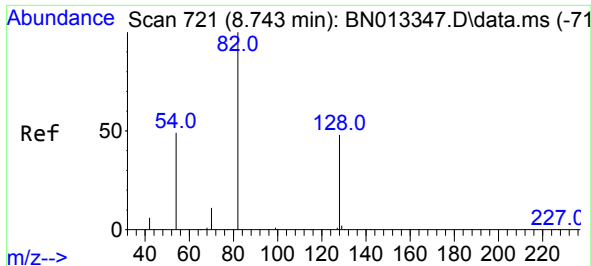
Tgt Ion: 99 Resp: 1651
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 52.6 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.366 min Scan# 849
Delta R.T. 0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Tgt Ion: 136 Resp: 20637
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.7 6.4 9.6
68 5.5 4.5 6.7

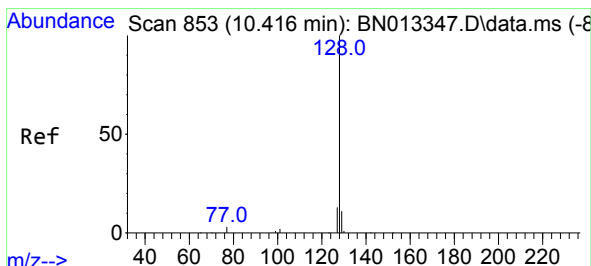
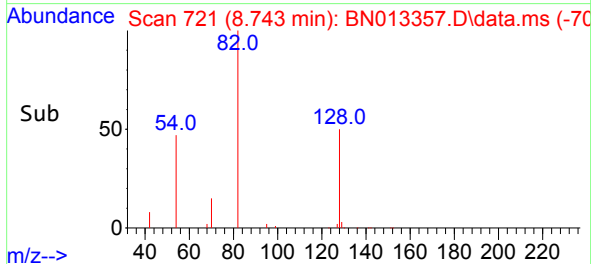
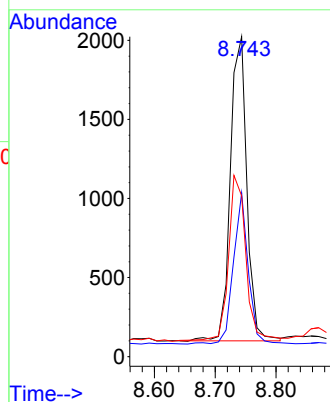
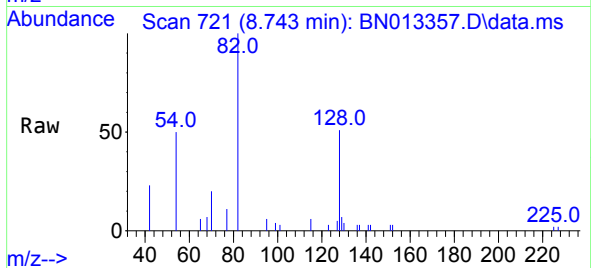




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.743 min Scan# 721
Delta R.T. 0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

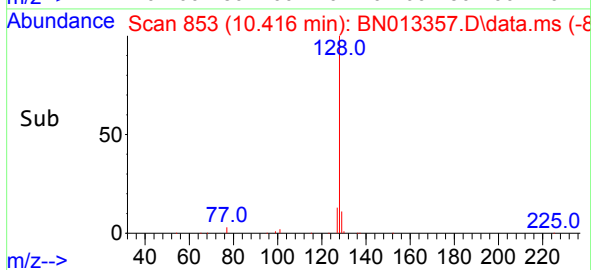
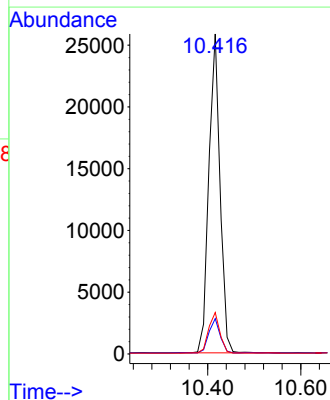
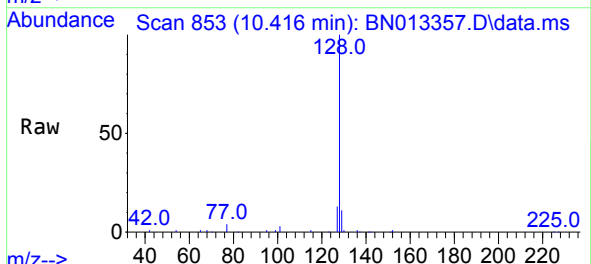
Instrument :
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ClientSampleId :
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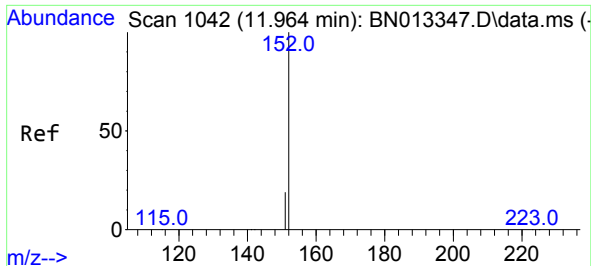
Tgt Ion: 82 Resp: 3615
Ion Ratio Lower Upper
82 100
128 51.2 39.2 58.8
54 50.2 40.1 60.1



#9
Naphthalene
Concen: 0.70 ng
RT: 10.416 min Scan# 853
Delta R.T. 0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Tgt Ion: 128 Resp: 43236
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.0 10.4 15.6

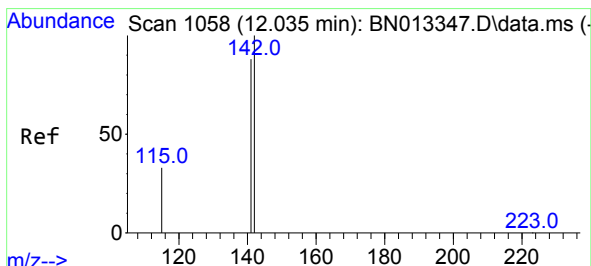
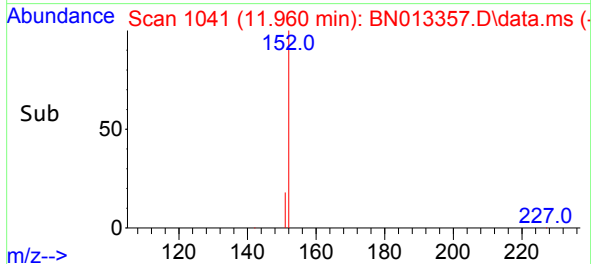
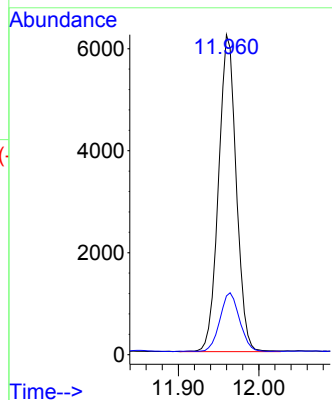
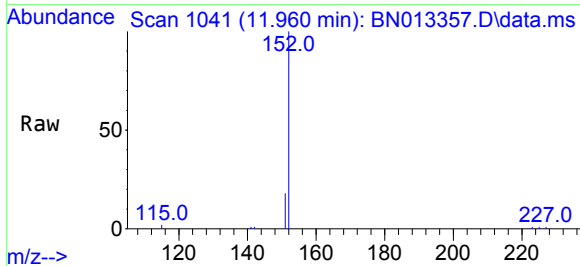




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.960 min Scan# 1041
Delta R.T. -0.004 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

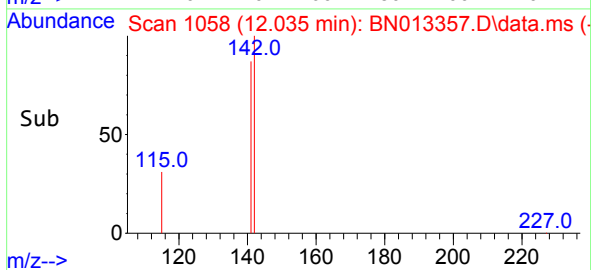
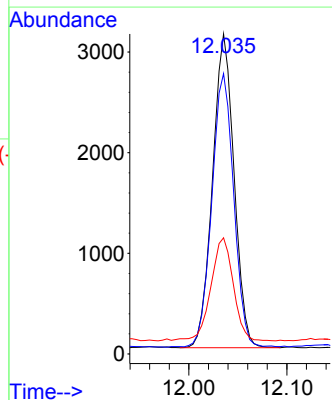
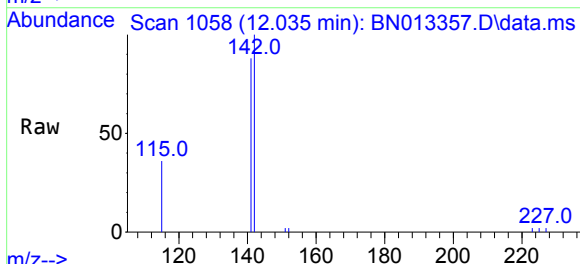
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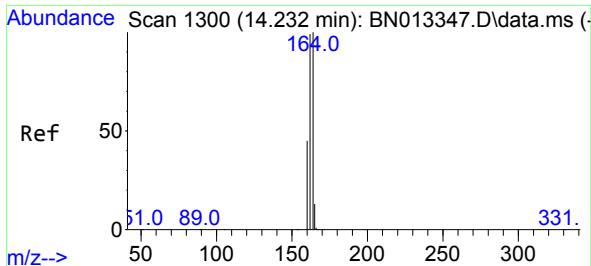
Tgt Ion:152 Resp: 9478
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.035 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Tgt Ion:142 Resp: 4755
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7
115 36.3 27.4 41.0

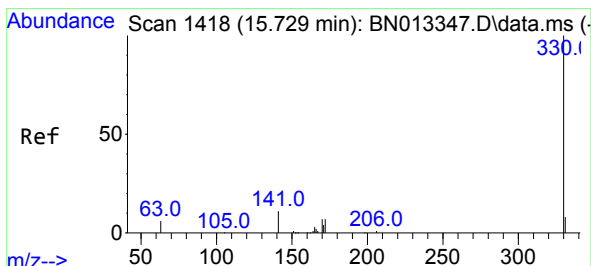
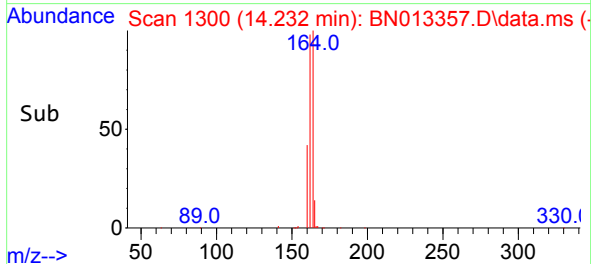
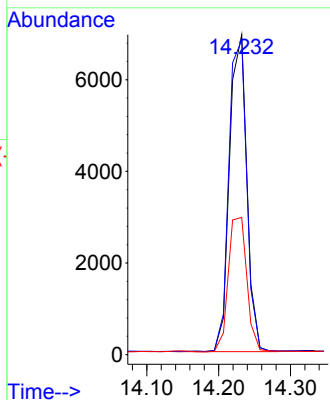
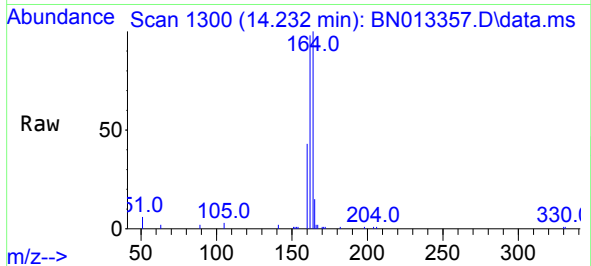




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.232 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

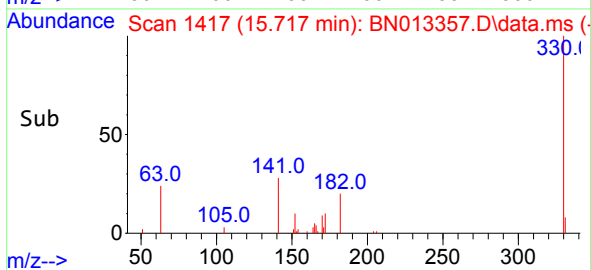
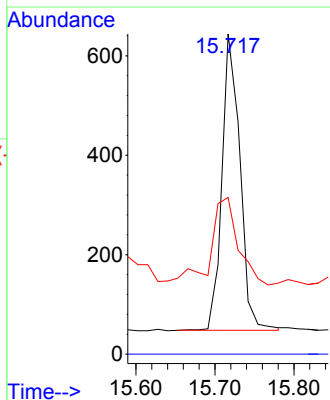
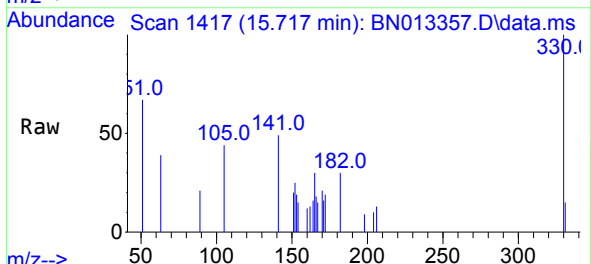
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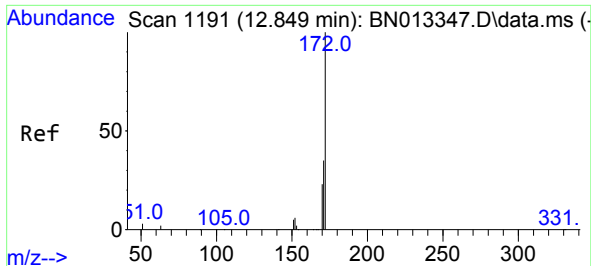
Tgt Ion:164 Resp: 11580
Ion Ratio Lower Upper
164 100
162 98.3 79.6 119.4
160 42.9 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.717 min Scan# 1417
Delta R.T. -0.013 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Tgt Ion:330 Resp: 941
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.2 26.8 40.2#

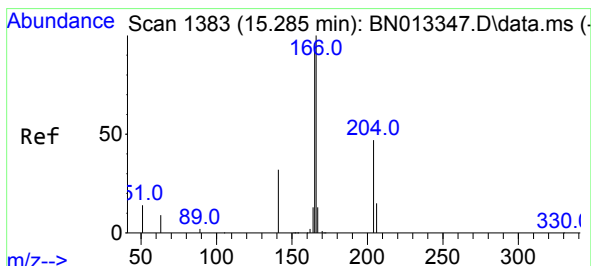
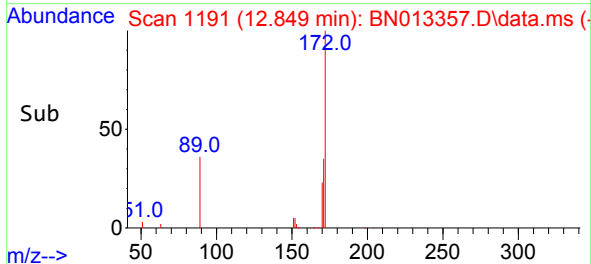
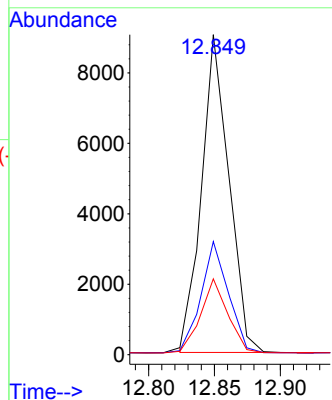
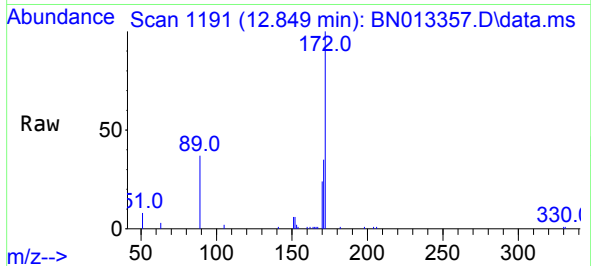




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.849 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

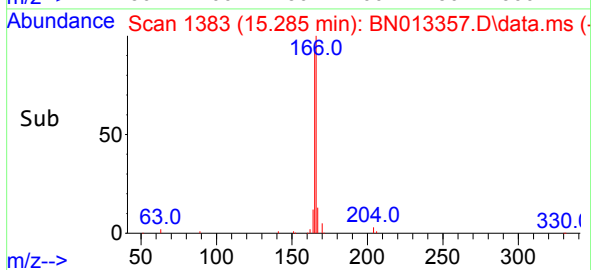
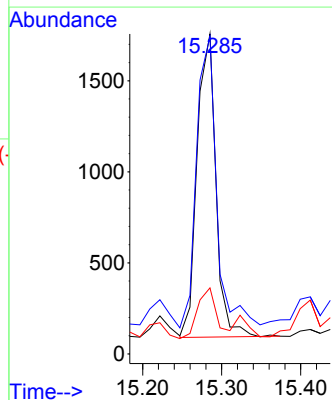
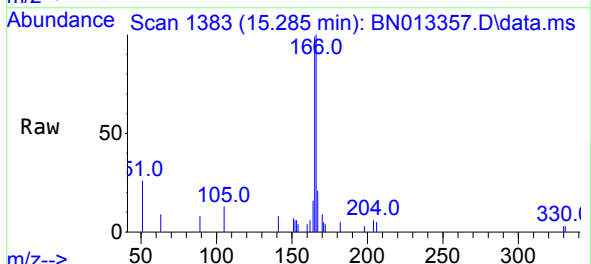
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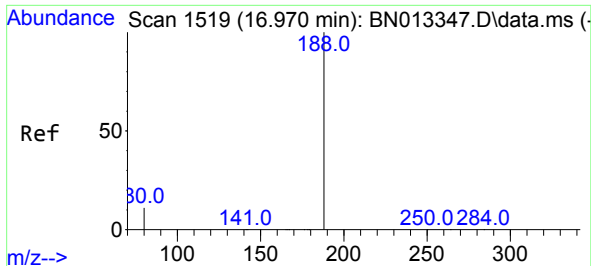
Tgt Ion:172	Resp:	13040
Ion Ratio	Lower	Upper
172	100	
171	35.3	28.6 42.8
170	23.7	18.9 28.3



#18
Fluorene
Concen: 0.05 ng
RT: 15.285 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Tgt Ion:166	Resp:	2759
Ion Ratio	Lower	Upper
166	100	
165	102.6	77.8 116.8
167	17.2	10.6 16.0#

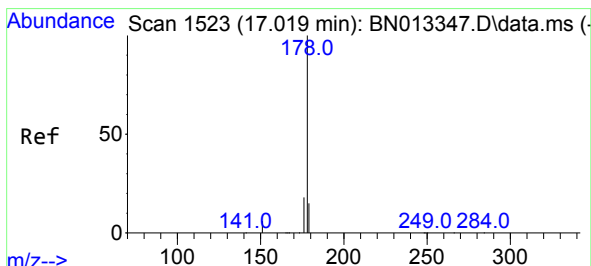
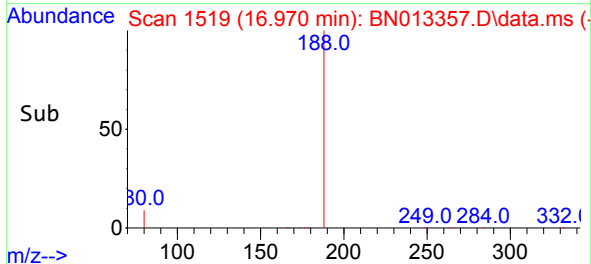
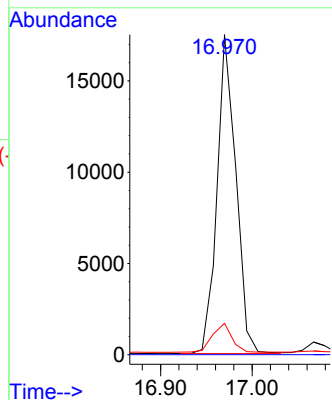
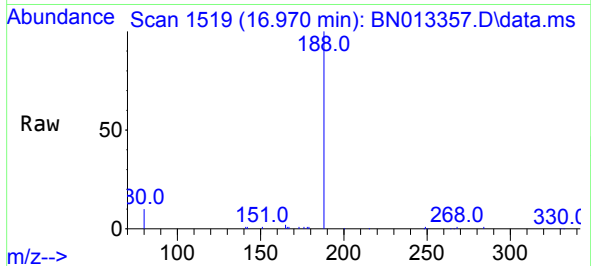




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.970 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

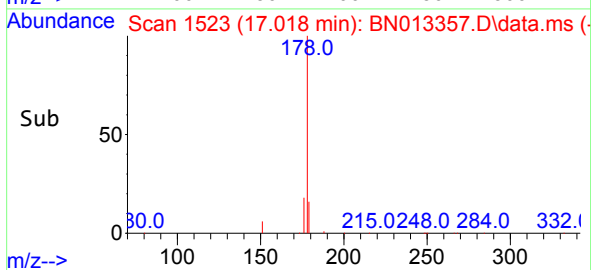
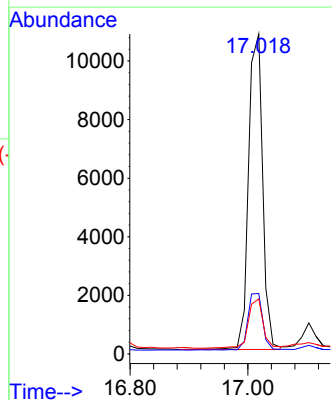
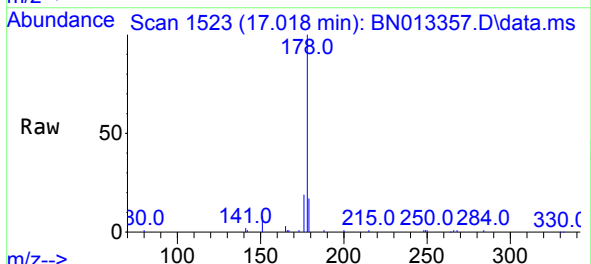
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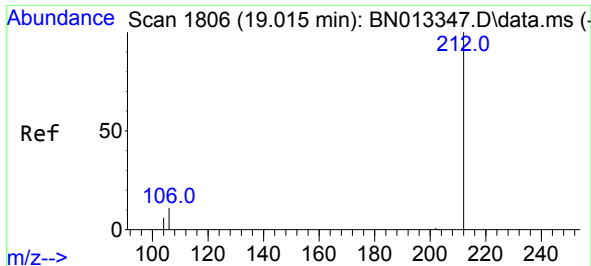
Tgt Ion:188 Resp: 25048
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.0 13.6



#25
Phenanthrene
Concen: 0.21 ng
RT: 17.018 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Tgt Ion:178 Resp: 17854
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 16.4 12.3 18.5



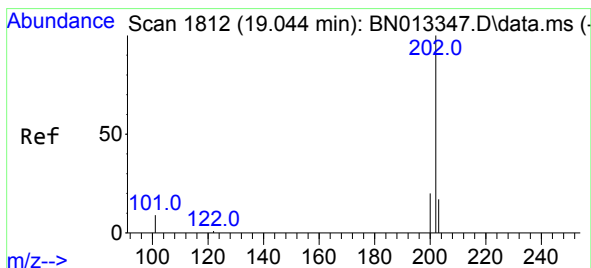
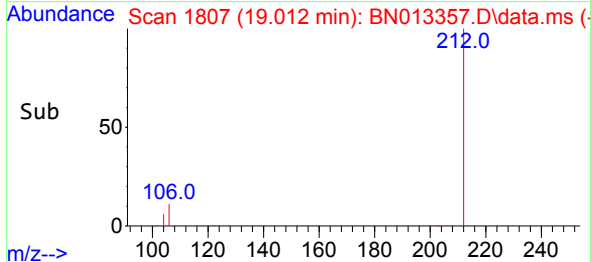
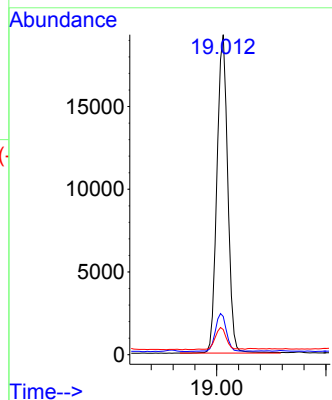
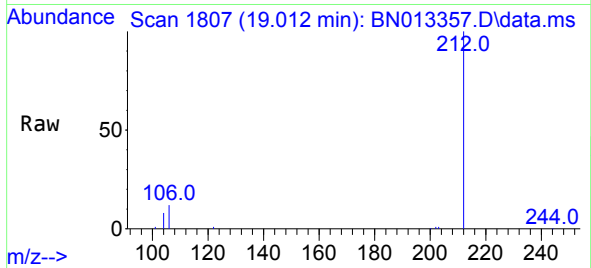


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.012 min Scan# 1807
Delta R.T. -0.003 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Instrument :
BNA_N
ClientSampleId :
GWBR2-63-68-010621-FD

Tgt Ion:212 Resp: 26411

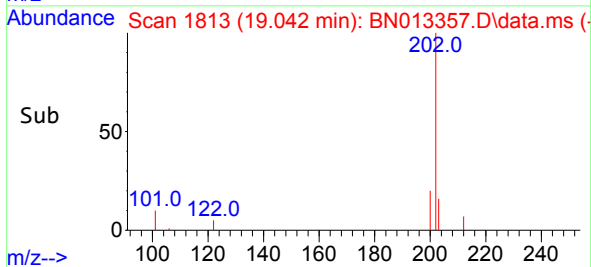
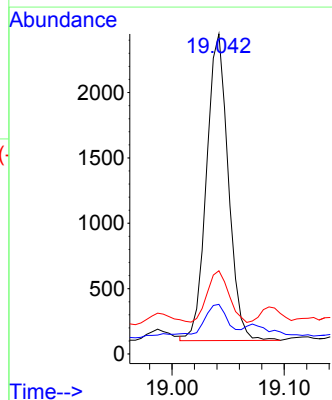
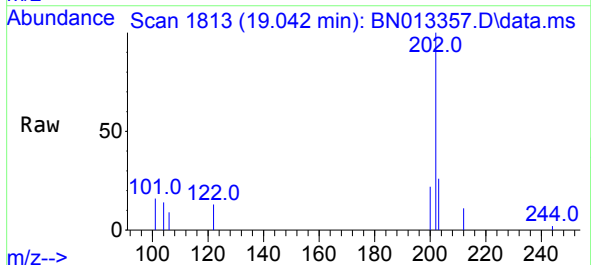
Ion	Ratio	Lower	Upper
212	100		
106	12.4	9.7	14.5
104	6.7	5.5	8.3

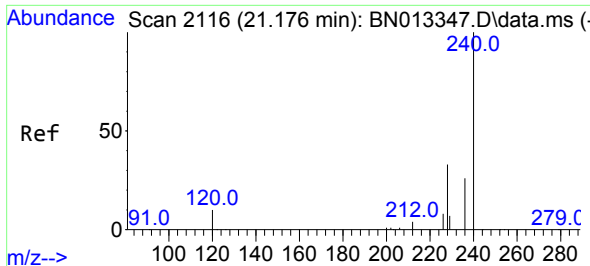


#28
Fluoranthene
Concen: 0.03 ng
RT: 19.042 min Scan# 1813
Delta R.T. -0.003 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Tgt Ion:202 Resp: 3159

Ion	Ratio	Lower	Upper
202	100		
101	14.0	8.1	12.1#
203	16.6	13.9	20.9



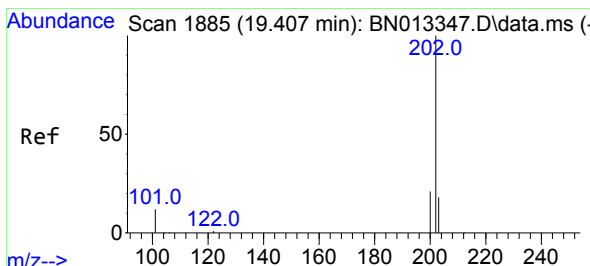
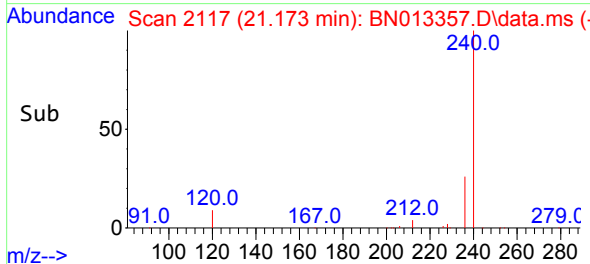
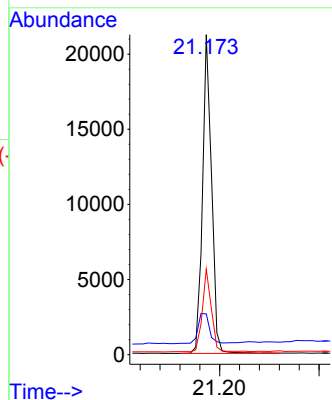
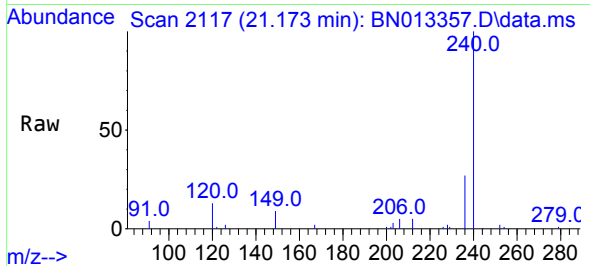


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Instrument :
BNA_N
ClientSampleId :
GWBR2-63-68-010621-FD

Tgt Ion:240 Resp: 26779

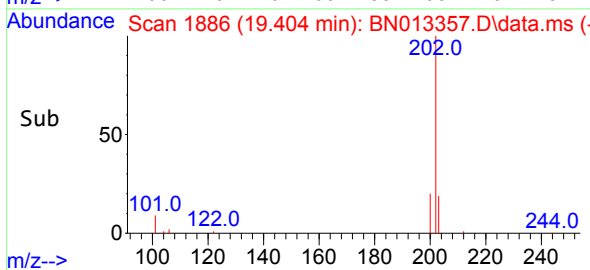
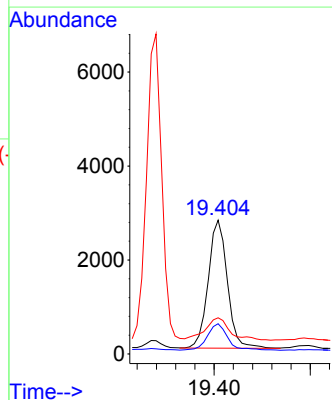
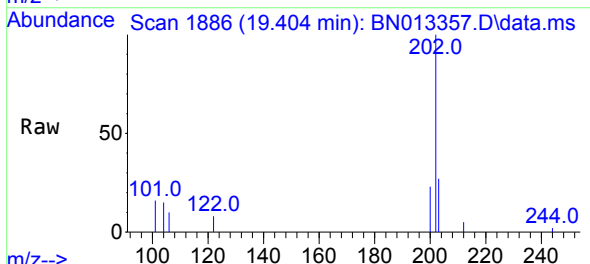
Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.2	15.4
236	26.7	21.3	31.9

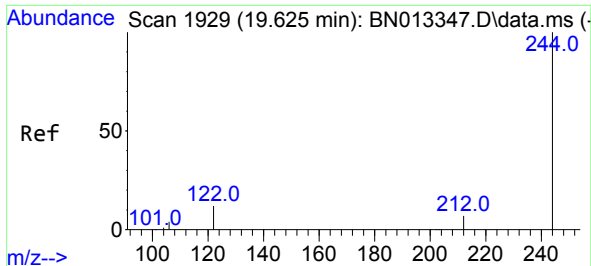


#30
Pyrene
Concen: 0.04 ng
RT: 19.404 min Scan# 1886
Delta R.T. -0.003 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Tgt Ion:202 Resp: 3758

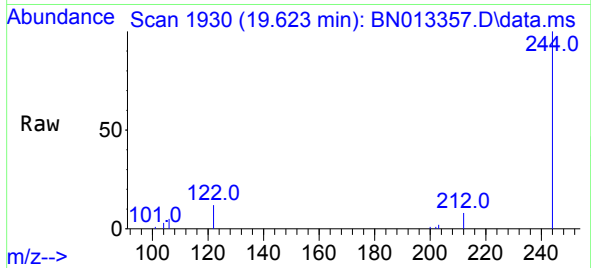
Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.3	24.5
203	23.1	14.0	21.0



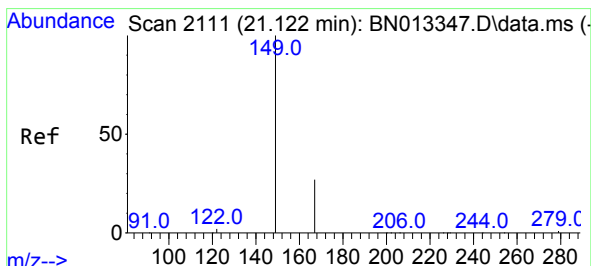
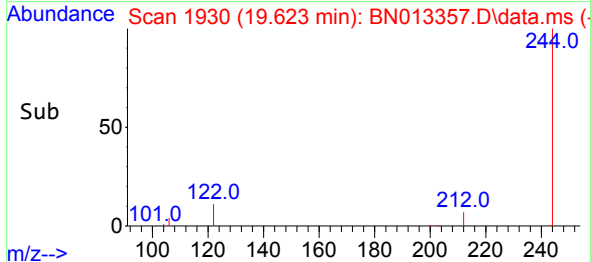
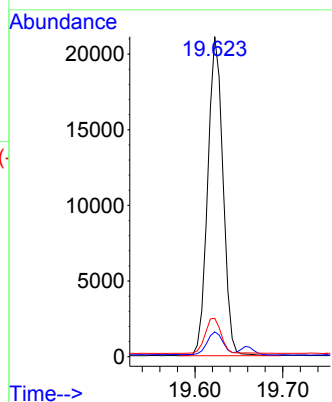


#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.623 min Scan# 1930
Delta R.T. -0.003 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Instrument :
BNA_N
ClientSampleId :
GWBR2-63-68-010621-FD

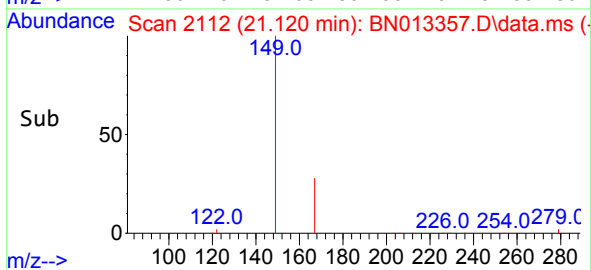
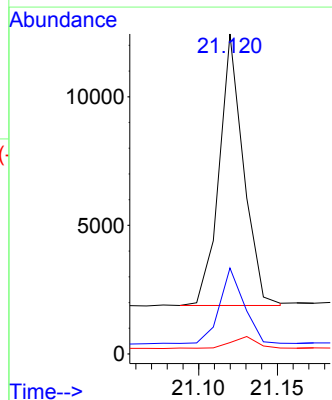
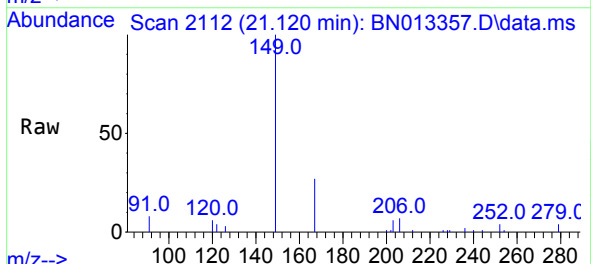


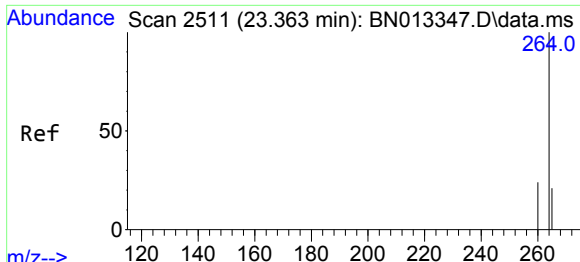
Tgt Ion:244 Resp: 25508
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.0 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.120 min Scan# 2112
Delta R.T. -0.003 min
Lab File: BN013357.D
Acq: 07 Jan 2021 19:31

Tgt Ion:149 Resp: 11318
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 4.3 3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.356 min Scan# 2511
 Delta R.T. -0.006 min
 Lab File: BN013357.D
 Acq: 07 Jan 2021 19:31

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-63-68-010621-FD

Tgt Ion:264	Resp:	24769
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.3 28.9
265	71.7	66.2 99.4

