

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021921\
 Data File : BN013678.D
 Acq On : 19 Feb 2021 11:19
 Operator : CG/JU
 Sample : M1448-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-138-150-021721

Manual Integrations
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mohammad

Quant Time: Feb 19 12:08:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 18 10:50:10 2021
 Response via : Initial Calibration

2/22/2021 2:10:30 PM

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	8280	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	33009	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	18764	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	40975m	0.40	ng	0.00
29) Chrysene-d12	21.133	240	41877	0.40	ng	0.00
36) Perylene-d12	23.301	264	39311	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.180	112	2920	0.16	ng	0.00
5) Phenol-d6	6.726	99	2210	0.10	ng	0.00
8) Nitrobenzene-d5	8.680	82	5437	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	14365	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	2103	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	21302	0.30	ng	0.00
27) Fluoranthene-d10	18.970	212	43845	0.40	ng	0.00
31) Terphenyl-d14	19.581	244	40202	0.43	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.182	88	16680	1.80	ng	98
9) Naphthalene	10.353	128	7759	0.10	ng	98
25) Phenanthrene	16.970	178	3982	0.04	ng	96
28) Fluoranthene	19.000	202	4260	0.03	ng	97
30) Pyrene	19.362	202	3680	0.03	ng	# 95
33) Chrysene	21.165	228	2766	0.02	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.069	149	10745	0.33	ng	99
37) Benzo(b)fluoranthene	22.657	252	4826	0.04	ng	# 55
41) Benzo(g,h,i)perylene	26.101	276	2923	0.02	ng	# 87

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

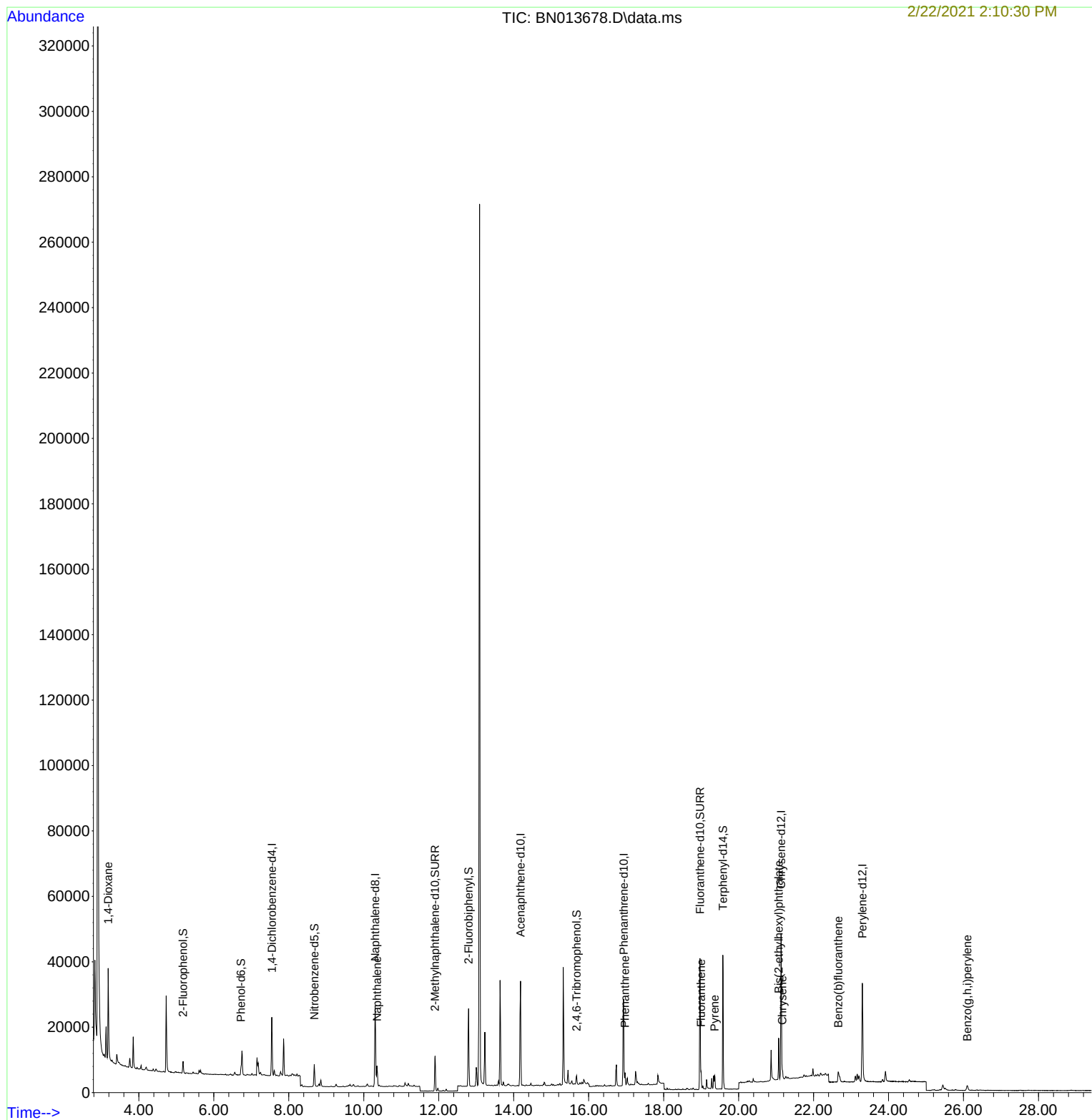
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021921\
Data File : BN013678.D
Acq On : 19 Feb 2021 11:19
Operator : CG/JU
Sample : M1448-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

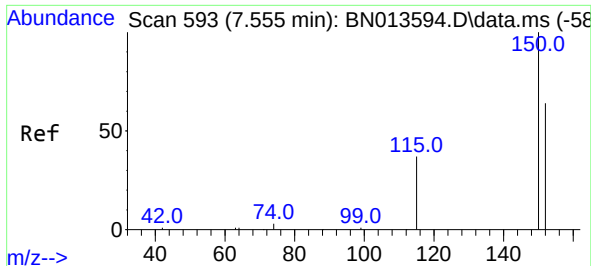
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
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#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

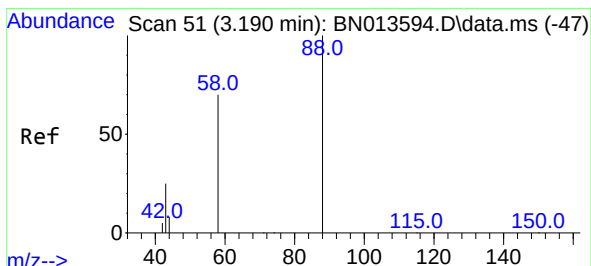
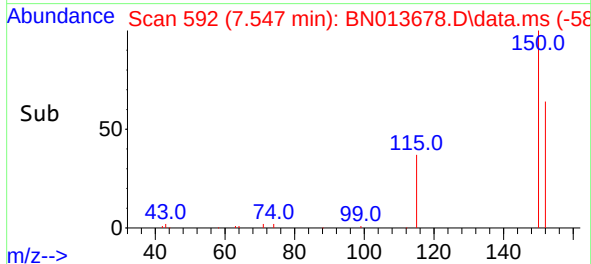
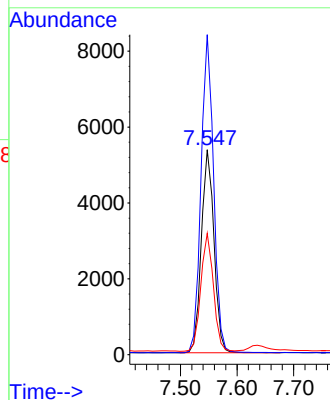
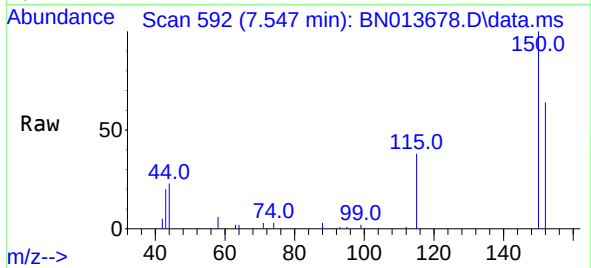
Tgt Ion: 152 Resp: 8280
Ion Ratio Lower Upper
152 100
150 156.1 121.8 182.8
115 59.2 46.6 69.8

Instrument :
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GWBR3-138-150-021721

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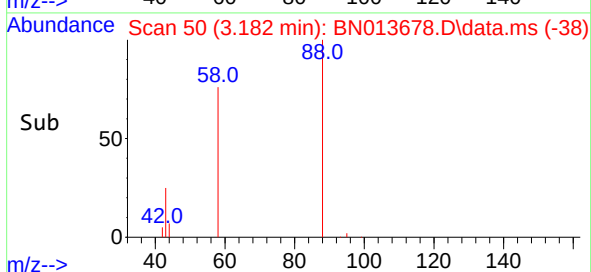
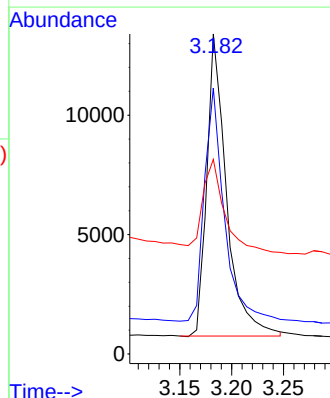
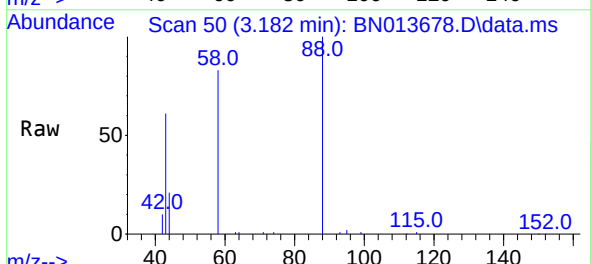
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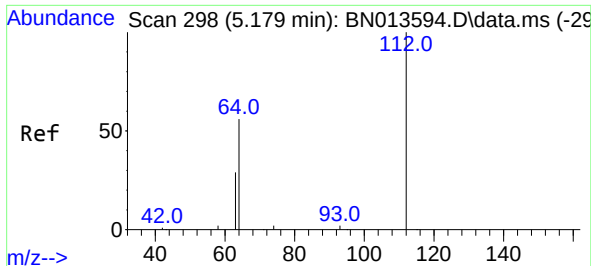
2/22/2021 2:10:30 PM



#2
1,4-Dioxane
Concen: 1.80 ng
RT: 3.182 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

Tgt Ion: 88 Resp: 16680
Ion Ratio Lower Upper
88 100
58 77.7 64.6 96.8
43 33.5 26.6 40.0





#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.180 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

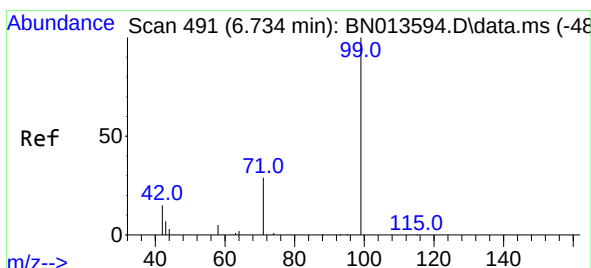
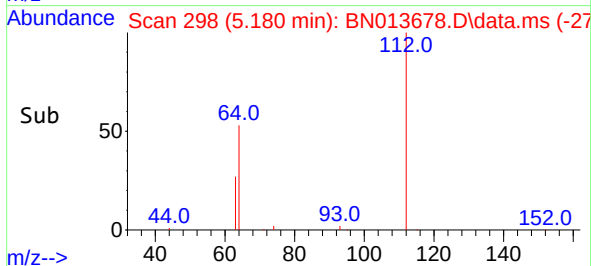
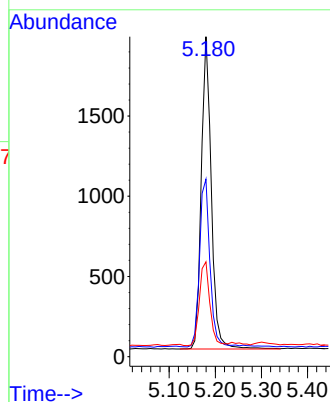
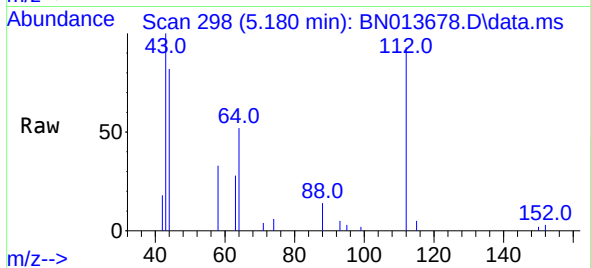
Tgt Ion:	112	Resp:	2920
Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.3	66.5
63	27.9	23.0	34.6

Instrument :
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GWR3-138-150-021721

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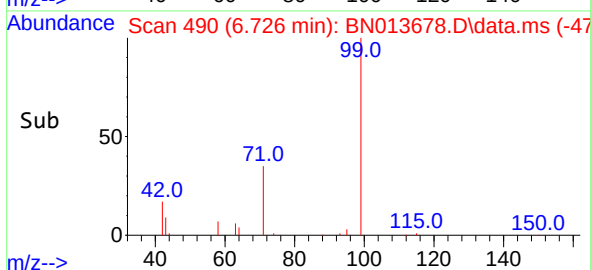
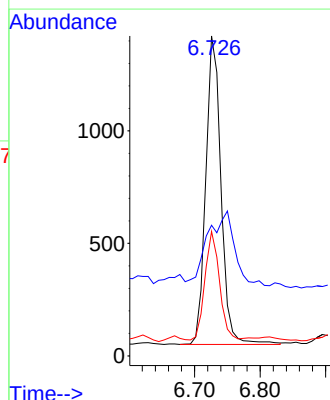
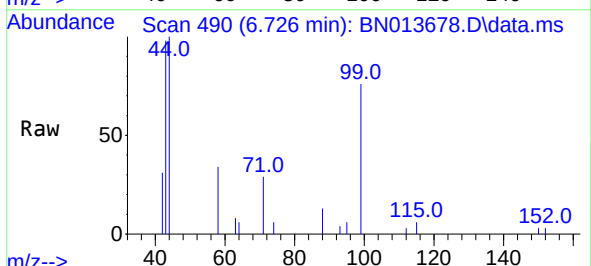
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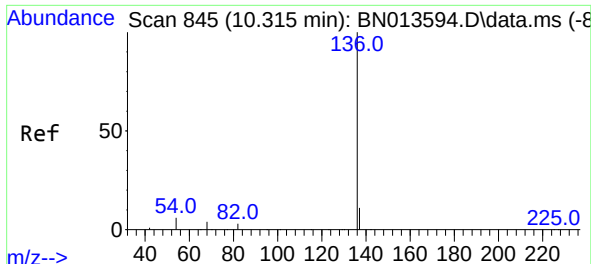
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#5
Phenol-d6
Concen: 0.10 ng
RT: 6.726 min Scan# 490
Delta R.T. -0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

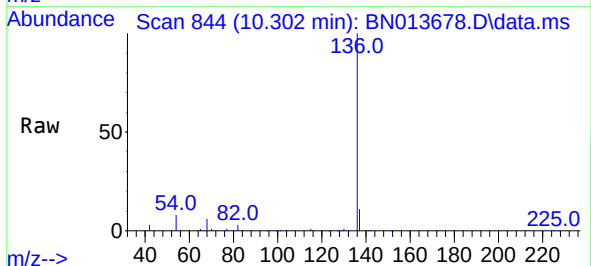
Tgt Ion:	99	Resp:	2210
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	34.9	26.1	39.1





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

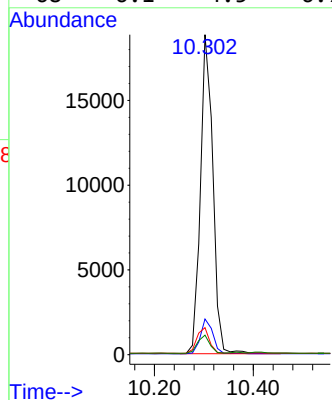
Instrument :
BNA_N
ClientSampleId :
GWBR3-138-150-021721



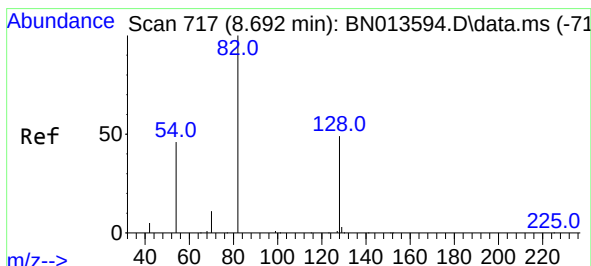
Tgt Ion:	136	Resp:	33009
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	8.5	6.4	9.6
68	6.1	4.5	6.7

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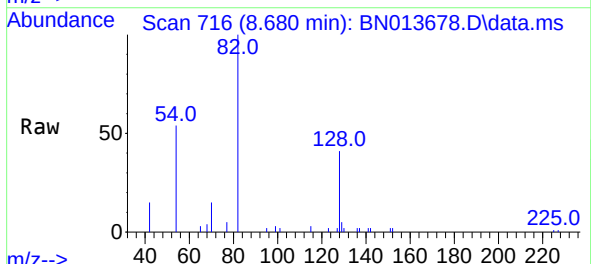
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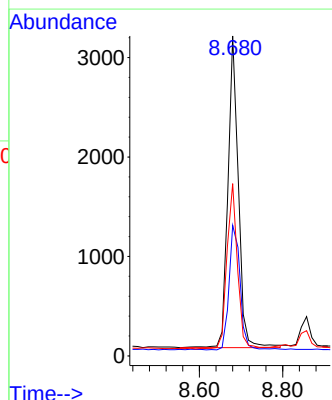
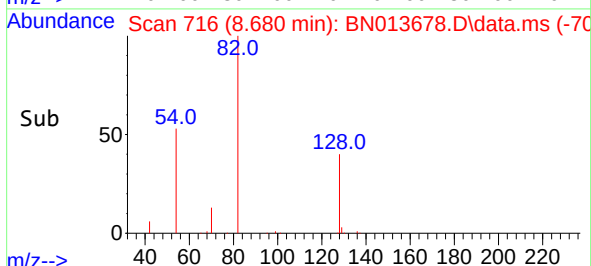
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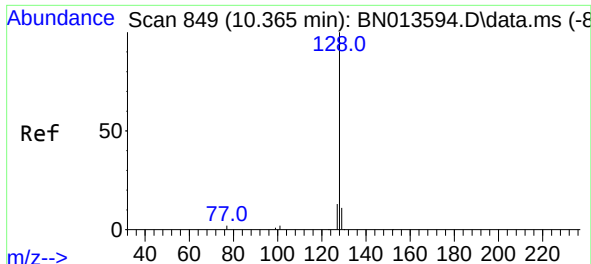


#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19



Tgt Ion:	82	Resp:	5437
Ion Ratio	Lower	Upper	
82	100		
128	40.8	39.2	58.8
54	53.8	40.1	60.1





#9
Naphthalene
Concen: 0.10 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

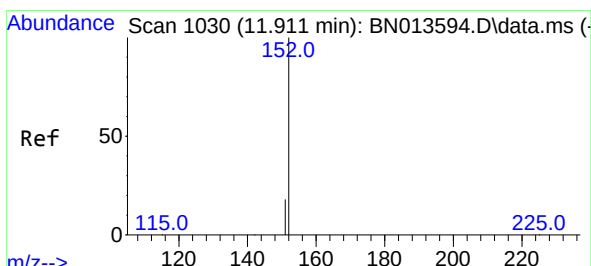
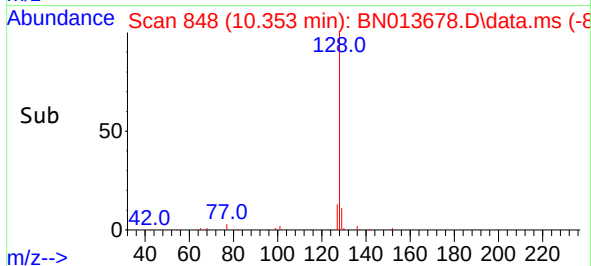
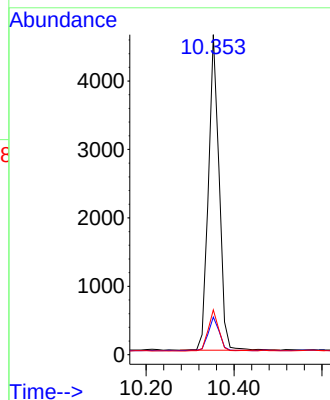
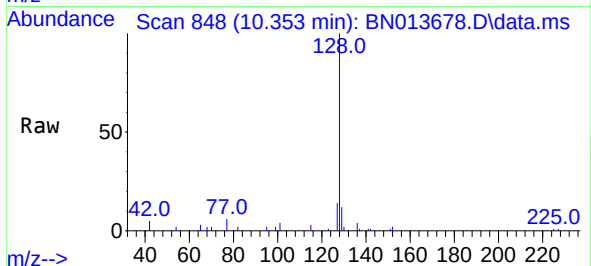
Tgt Ion:	128	Resp:	7759
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	14.0	10.4	15.6

Instrument :
BNA_N
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GWBR3-138-150-021721

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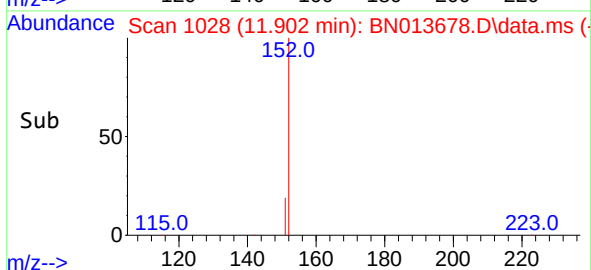
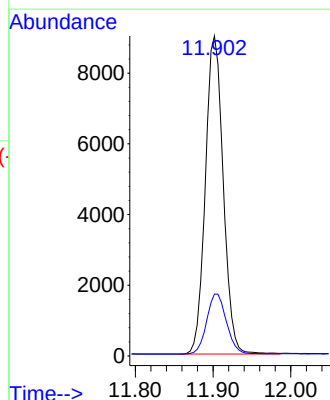
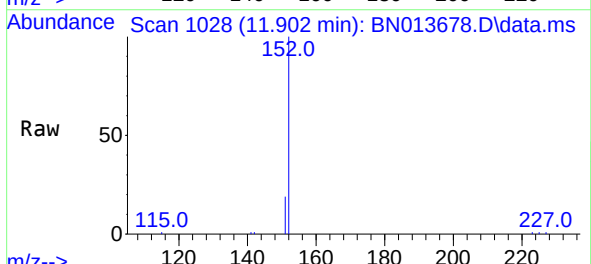
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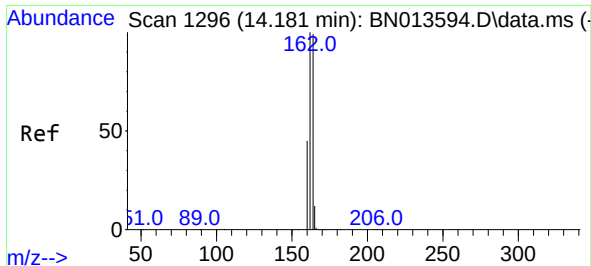
2/22/2021 2:10:30 PM



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

Tgt Ion:	152	Resp:	14365
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

Tgt Ion:164 Resp: 18764

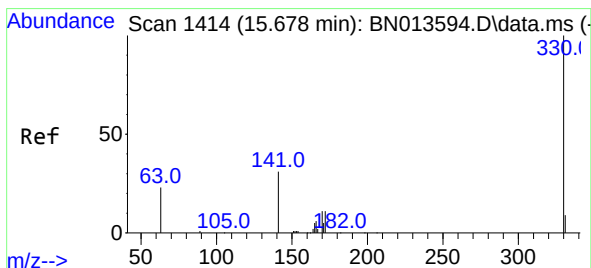
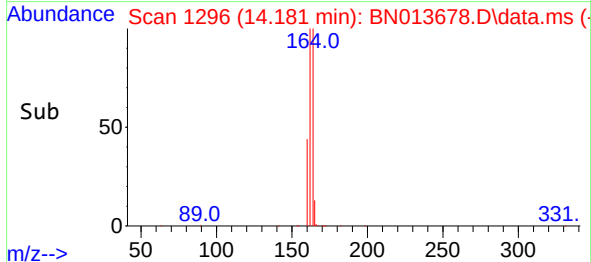
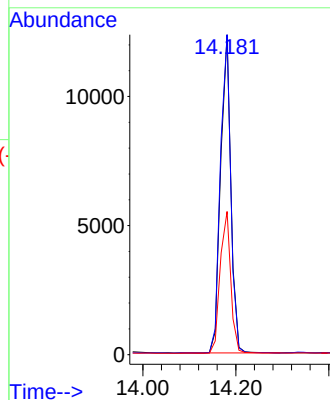
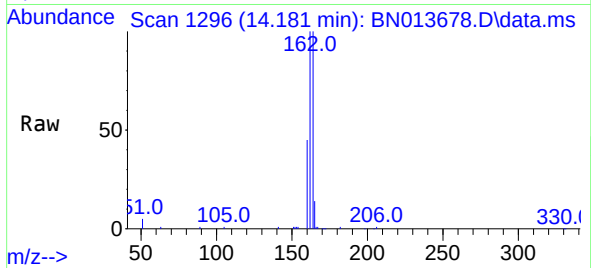
Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.6	119.4
160	44.8	36.0	54.0

Instrument :
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ClientSampleId :
GWBR3-138-150-021721

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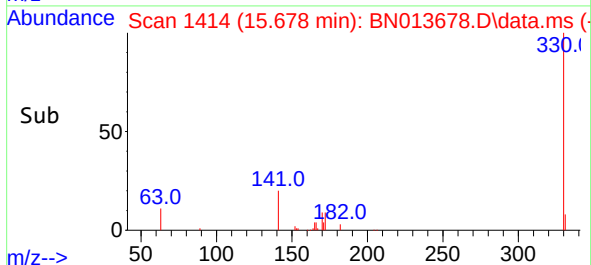
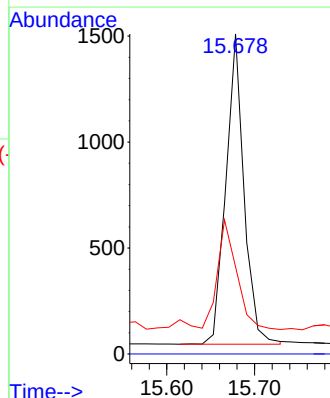
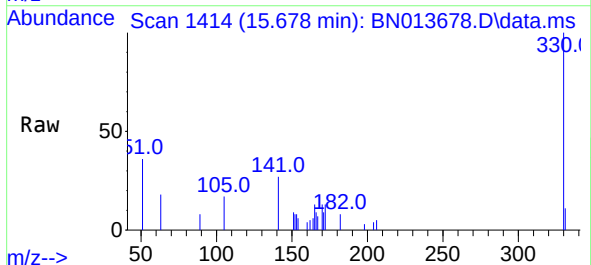
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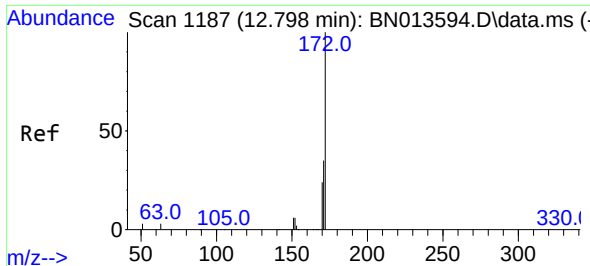


#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

Tgt Ion:330 Resp: 2103

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.9	26.8	40.2





#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

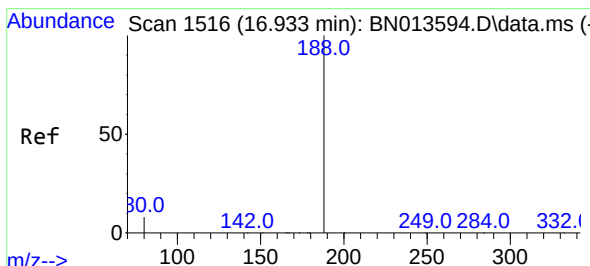
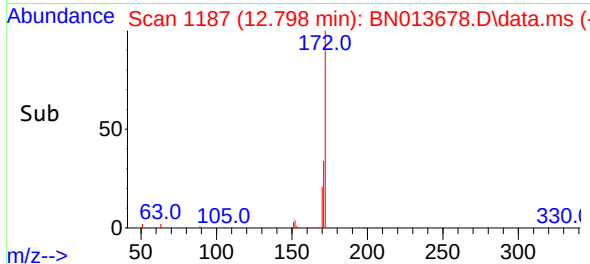
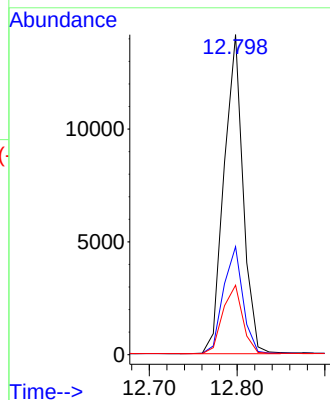
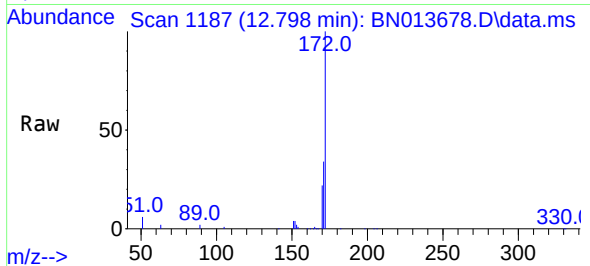
Tgt Ion:	172	Resp:	21302
Ion Ratio	Lower	Upper	
172	100		
171	33.8	28.6	42.8
170	21.7	18.9	28.3

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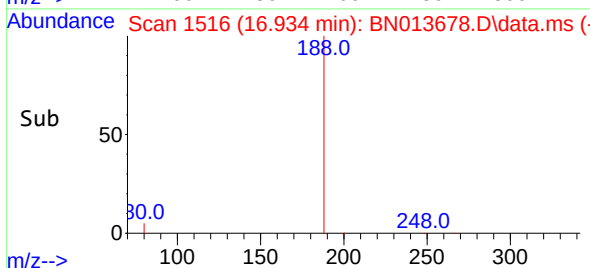
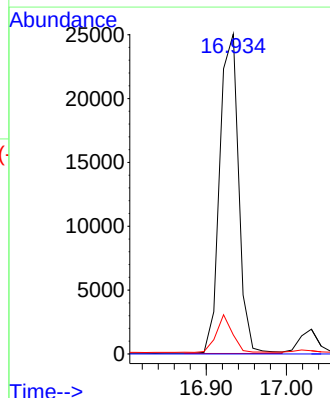
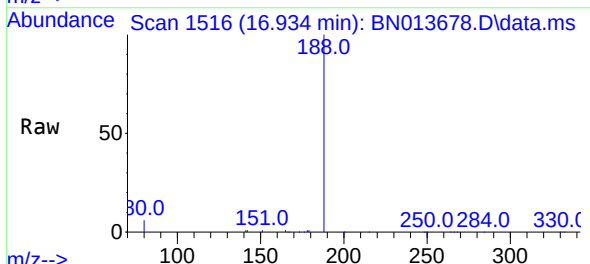
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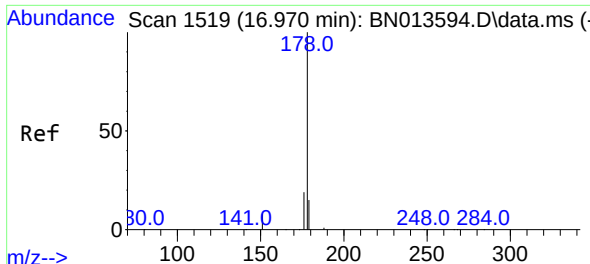
2/22/2021 2:10:30 PM



#19
Phenanthrene-d10
Concen: 0.40 ng m
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

Tgt Ion:	188	Resp:	40975
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.9	9.0	13.6#





#25
Phenanthrene
Concen: 0.04 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

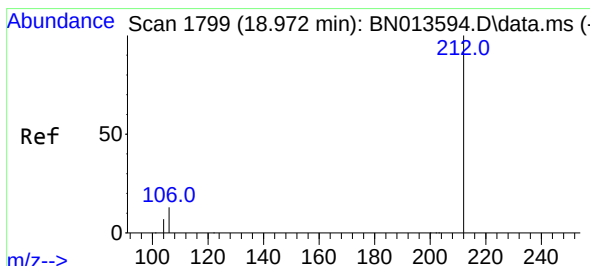
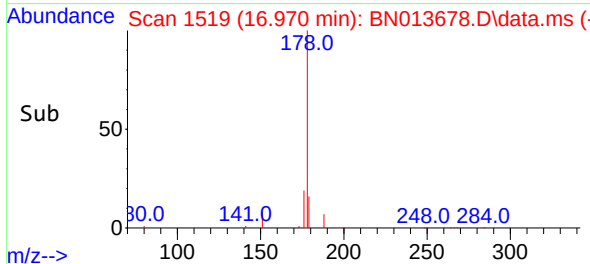
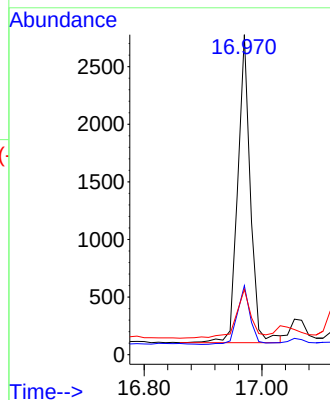
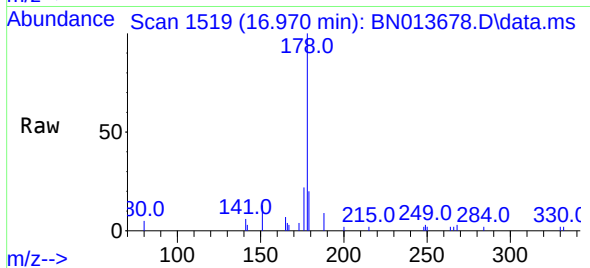
Tgt Ion:	178	Resp:	3982
Ion Ratio	100	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	18.4	12.3	18.5

Instrument :
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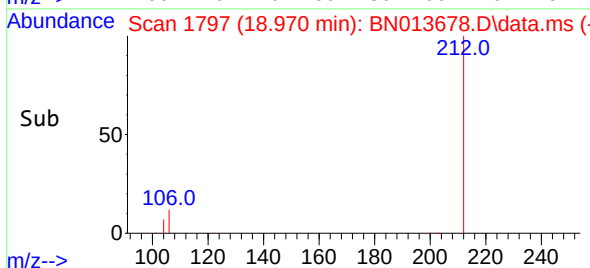
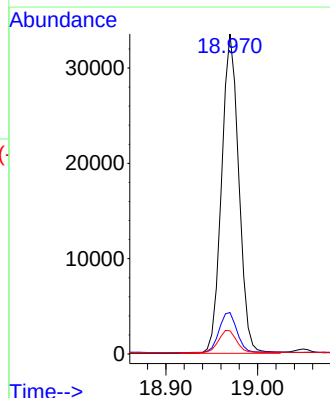
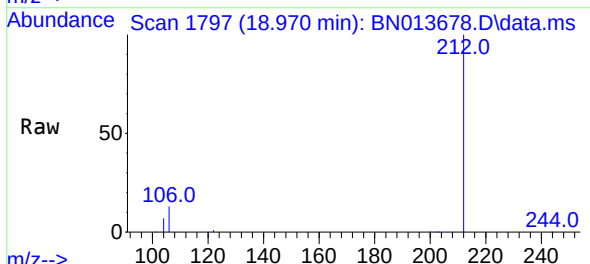
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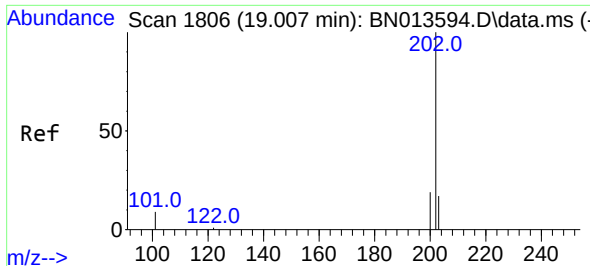
2/22/2021 2:10:30 PM



#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 18.970 min Scan# 1797
Delta R.T. -0.002 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

Tgt Ion:	212	Resp:	43845
Ion Ratio	100	Lower	Upper
212	100		
106	13.5	9.7	14.5
104	7.3	5.5	8.3





#28
Fluoranthene
Concen: 0.03 ng
RT: 19.000 min Scan# 1803
Delta R.T. -0.002 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

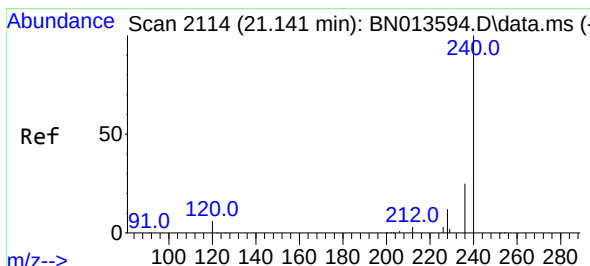
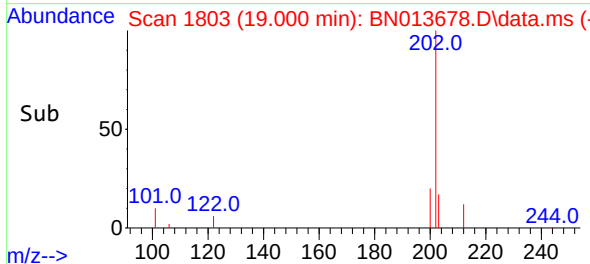
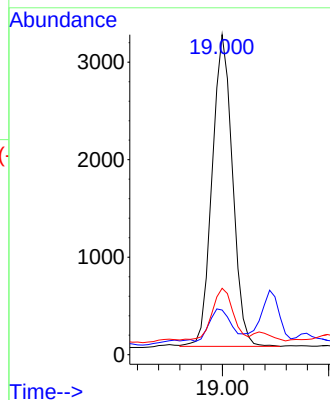
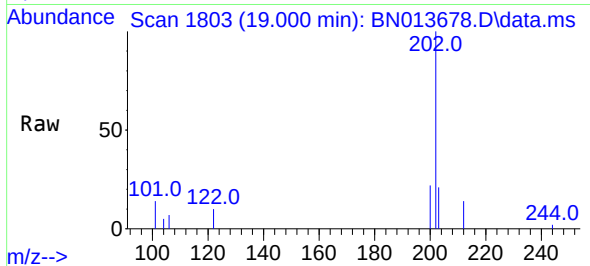
Tgt Ion:	202	Resp:	4260
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.1	12.1
203	18.8	13.9	20.9

Instrument :
BNA_N
ClientSampleId :
GWR3-138-150-021721

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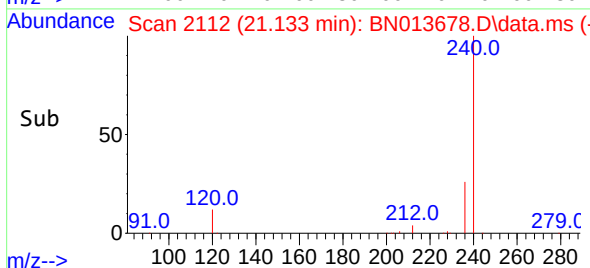
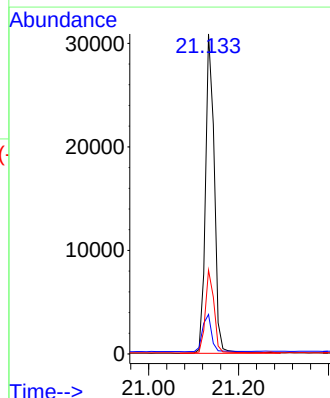
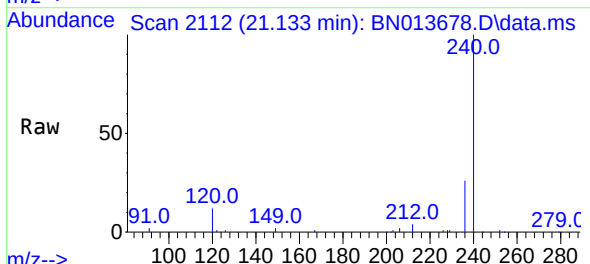
mohammad

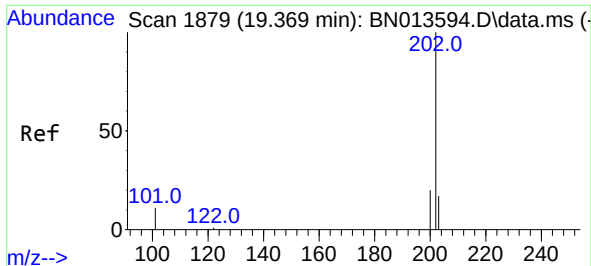
2/22/2021 2:10:30 PM



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

Tgt Ion:	240	Resp:	41877
Ion Ratio	Lower	Upper	
240	100		
120	12.4	10.2	15.4
236	26.2	21.3	31.9





#30
Pyrene
Concen: 0.03 ng
RT: 19.362 min Scan# 1876
Delta R.T. -0.002 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

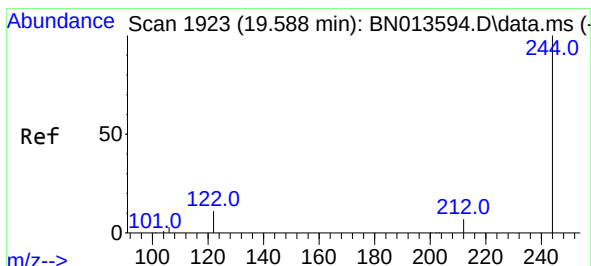
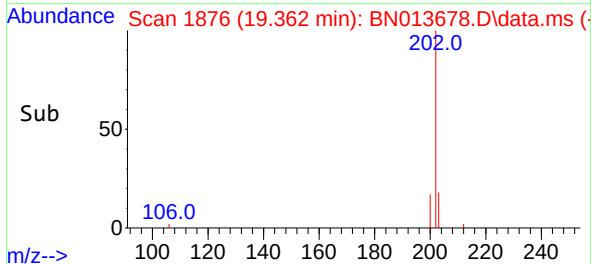
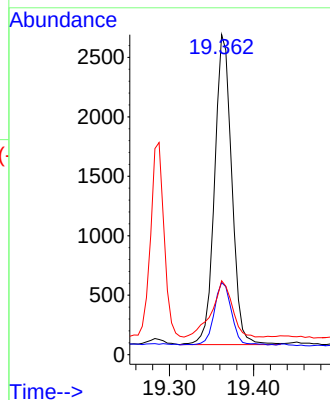
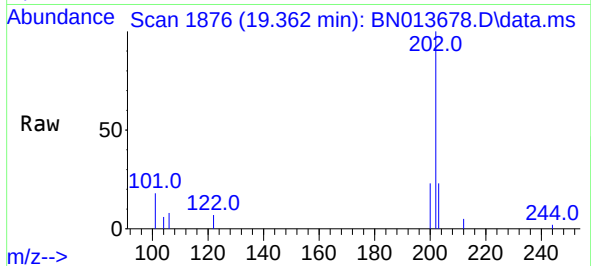
Tgt Ion:	202	Resp:	3680
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.3	24.5
203	21.5	14.0	21.0#

Instrument :
BNA_N
ClientSampleId :
GWB3-138-150-021721

Manual Integrations
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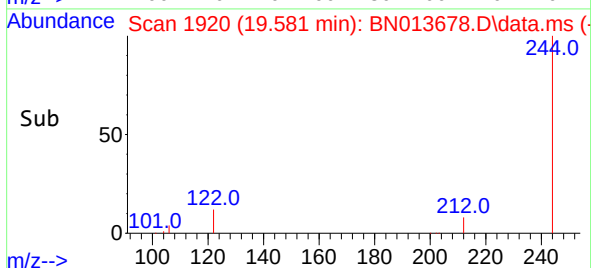
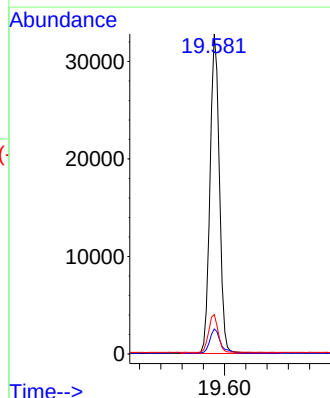
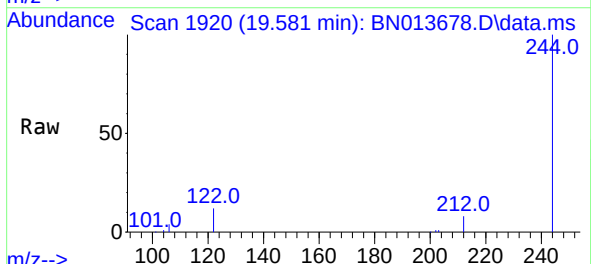
mohammad

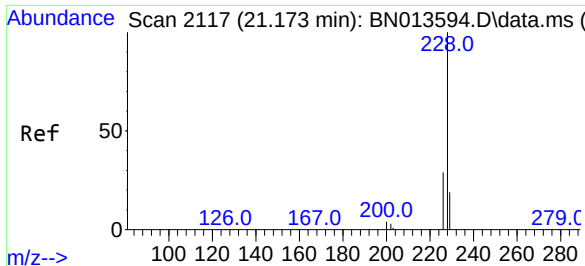
2/22/2021 2:10:30 PM



#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.581 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

Tgt Ion:	244	Resp:	40202
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.1	9.1
122	12.3	9.8	14.8





#33
Chrysene
Concen: 0.02 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

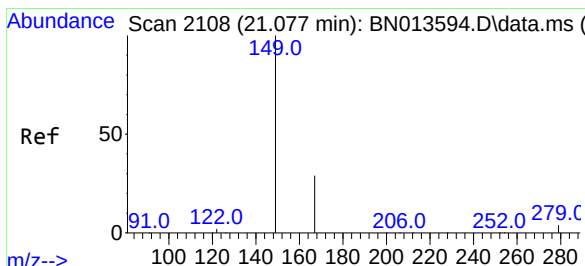
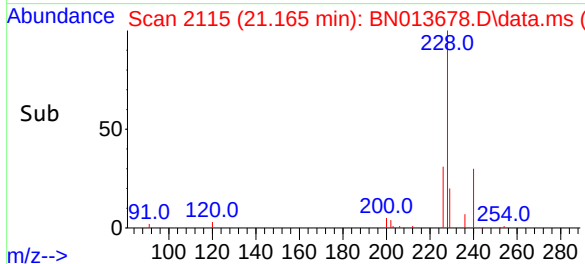
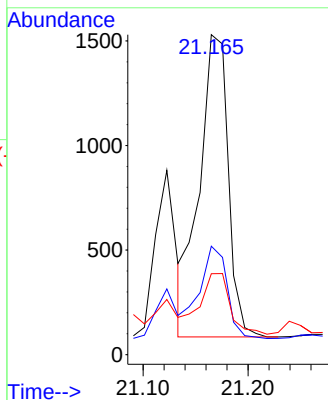
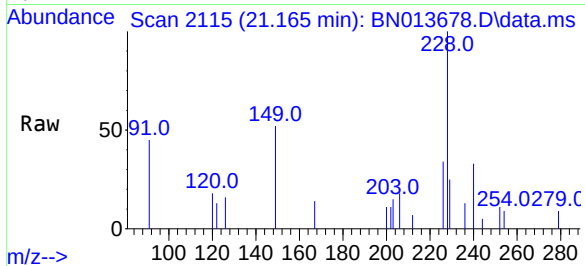
Tgt Ion:228 Resp: 2766
Ion Ratio Lower Upper
228 100
226 33.9 24.3 36.5
229 25.3 15.1 22.7#

Instrument :
BNA_N
ClientSampleId :
GWBR3-138-150-021721

Manual Integrations
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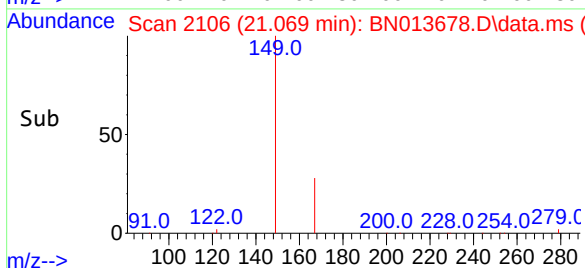
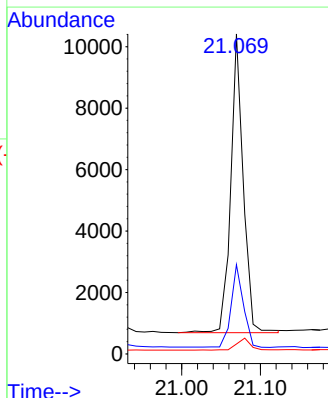
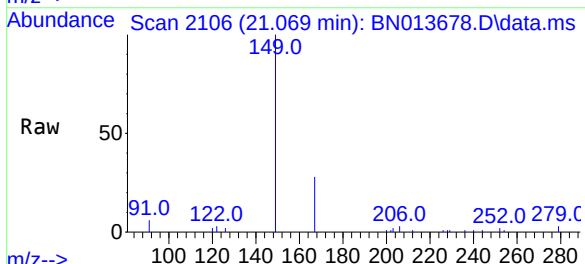
mohammad

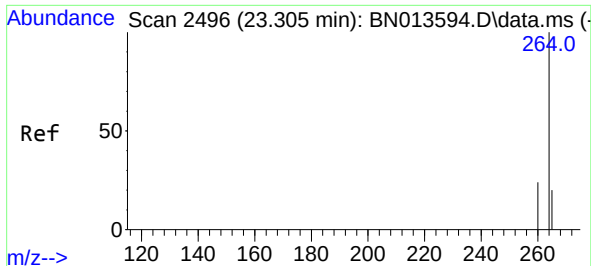
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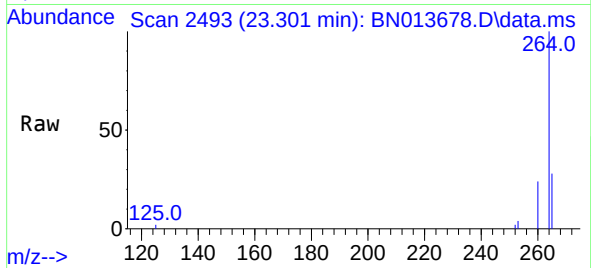
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.069 min Scan# 2106
Delta R.T. 0.003 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19

Tgt Ion:149 Resp: 10745
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 4.3 3.5 5.3

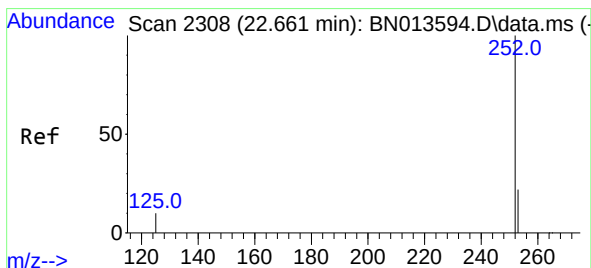
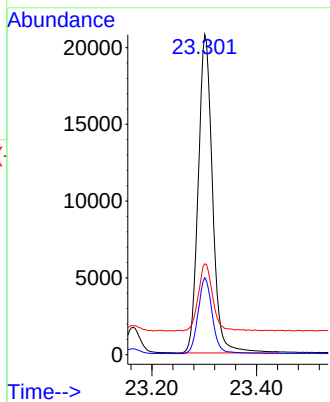
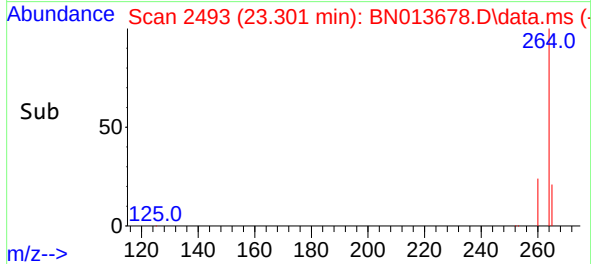




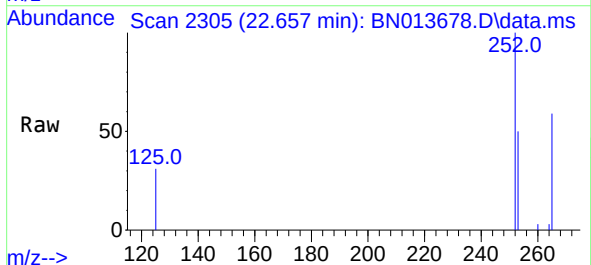
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.301 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19



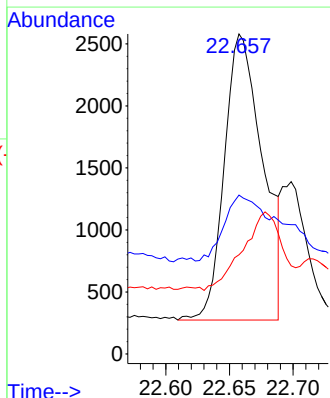
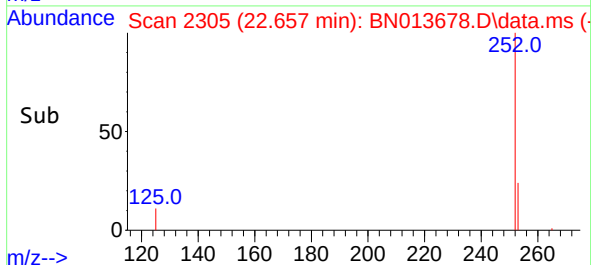
Tgt Ion:264 Resp: 39311
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 28.4 66.2 99.4#



#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.657 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BN013678.D
Acq: 19 Feb 2021 11:19



Tgt Ion:252 Resp: 4826
Ion Ratio Lower Upper
252 100
253 49.7 20.4 30.6#
125 31.0 11.6 17.4#

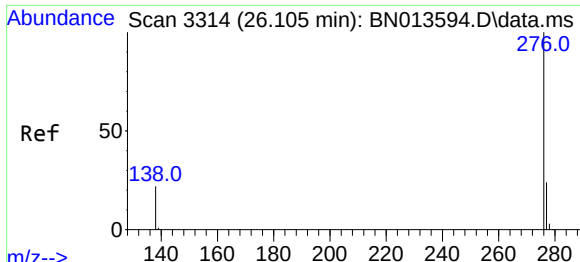


Instrument :
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GWBR3-138-150-021721

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2/22/2021 2:10:30 PM



#41
 Benzo(g,h,i)perylene
 Concen: 0.02 ng
 RT: 26.101 min Scan# 3311
 Delta R.T. 0.003 min
 Lab File: BN013678.D
 Acq: 19 Feb 2021 11:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.8	20.0	30.0#
138	29.7	17.8	26.8#

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-138-150-021721

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