

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031021\
 Data File : BN013899.D
 Acq On : 10 Mar 2021 10:21
 Operator : CG/JU
 Sample : M1604-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-155-175-030821

Quant Time: Mar 10 10:52:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 08 10:32:09 2021
 Response via : Initial Calibration

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

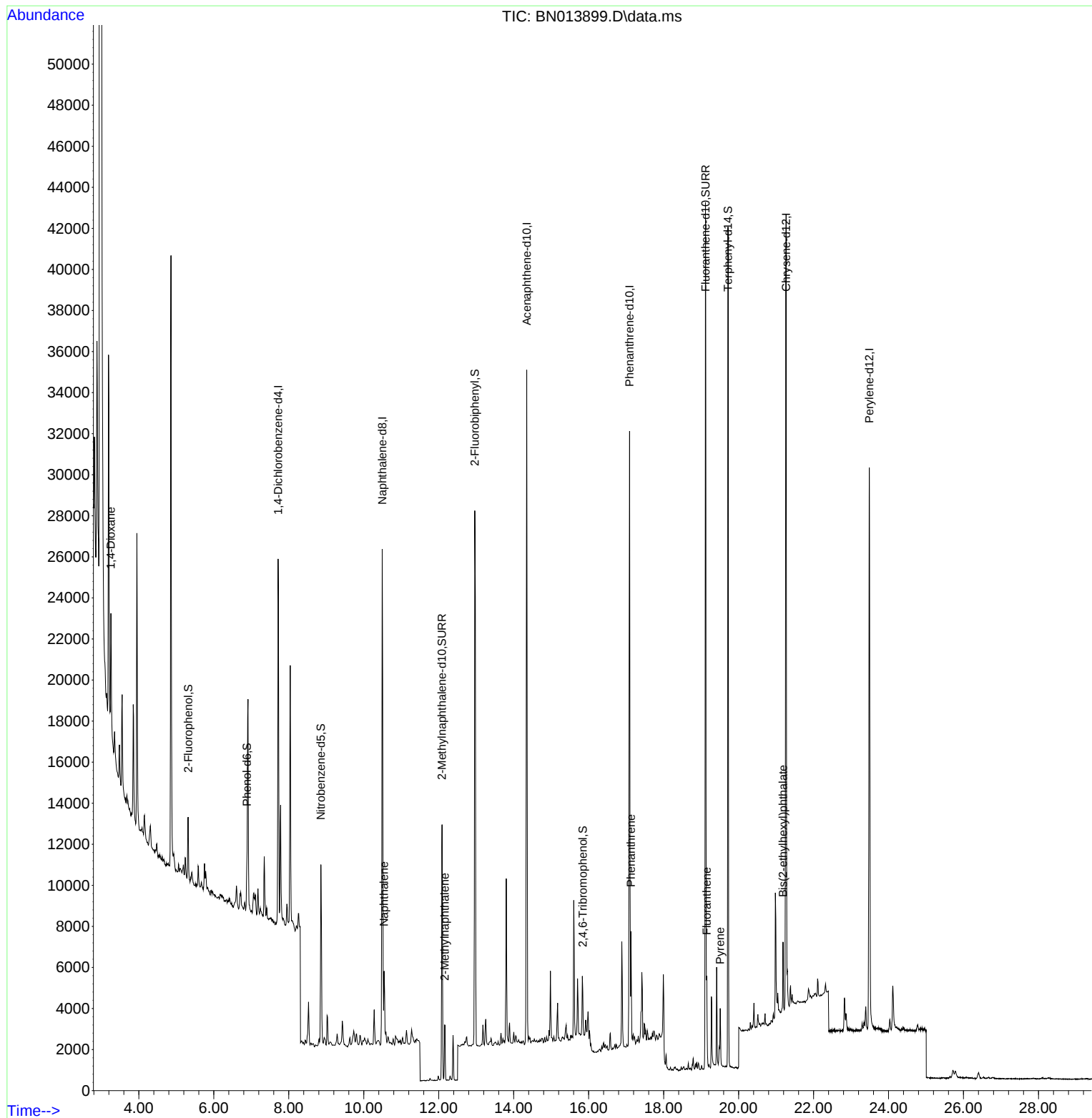
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	8122	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	31997	0.40	ng	#-0.01
13) Acenaphthene-d10	14.346	164	17719	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	39147	0.40	ng	# 0.00
29) Chrysene-d12	21.268	240	40278	0.40	ng	# 0.00
36) Perylene-d12	23.486	264	35670	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	2461	0.11	ng	0.00
5) Phenol-d6	6.887	99	1824	0.06	ng	0.00
8) Nitrobenzene-d5	8.857	82	6804	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	16768	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	2216	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	24342	0.39	ng	-0.01
27) Fluoranthene-d10	19.116	212	46061	0.40	ng	0.00
31) Terphenyl-d14	19.717	244	39591	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.255	88	3469	0.35	ng	# 80
9) Naphthalene	10.543	128	4046	0.05	ng	# 94
12) 2-Methylnaphthalene	12.164	142	1893	0.03	ng	96
25) Phenanthrene	17.128	178	5393	0.05	ng	95
28) Fluoranthene	19.151	202	3607	0.03	ng	# 82
30) Pyrene	19.508	202	2487	0.02	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.183	149	3182	0.05	ng	97

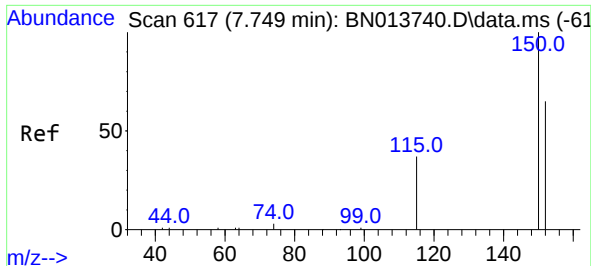
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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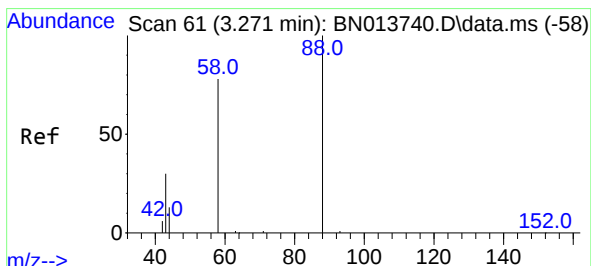
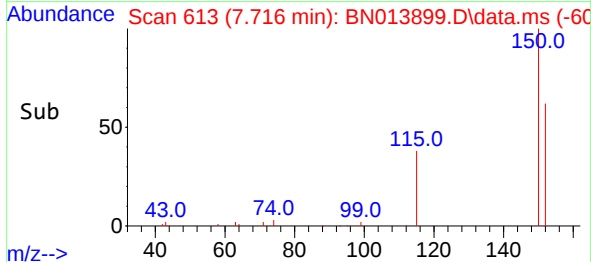
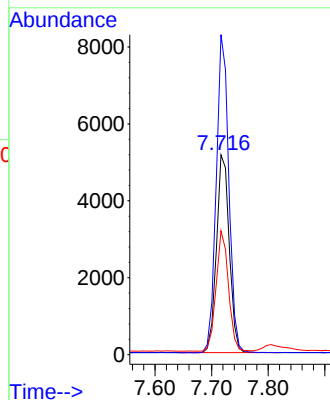
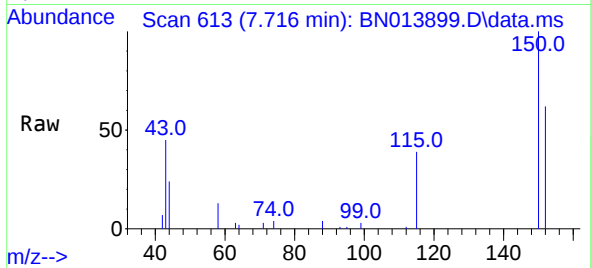




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.716 min Scan# 613
Delta R.T. -0.008 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

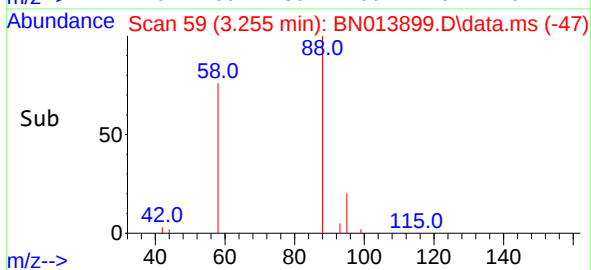
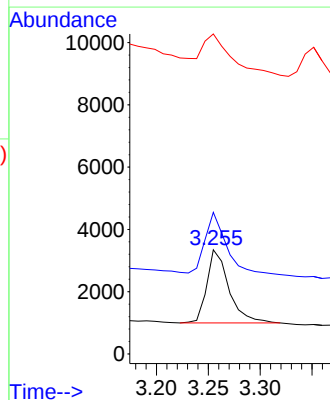
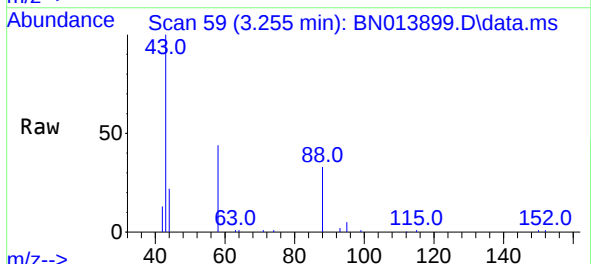
Instrument :
BNA_N
ClientSampleId :
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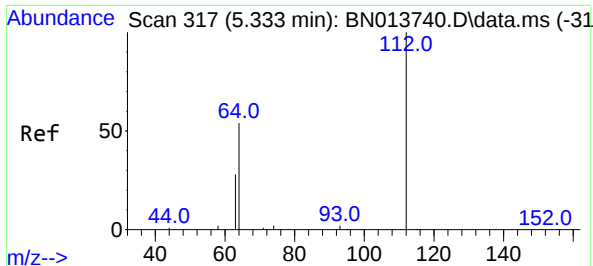
Tgt Ion:152 Resp: 8122
Ion Ratio Lower Upper
152 100
150 160.1 121.8 182.8
115 62.0 46.6 69.8



#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.255 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

Tgt Ion: 88 Resp: 3469
Ion Ratio Lower Upper
88 100
58 82.6 64.6 96.8
43 69.1 26.6 40.0#

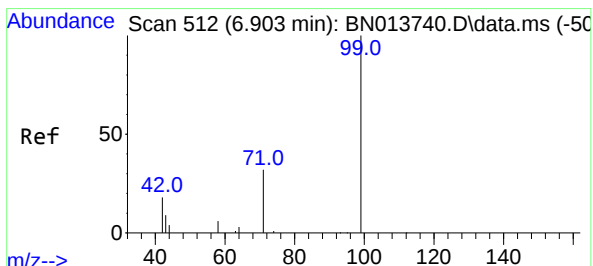
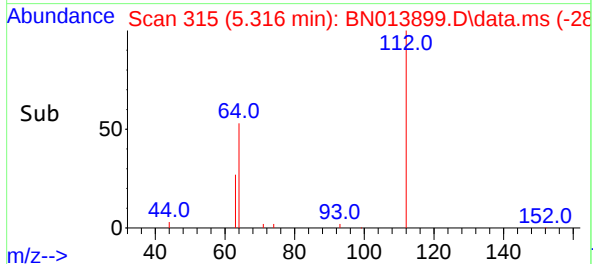
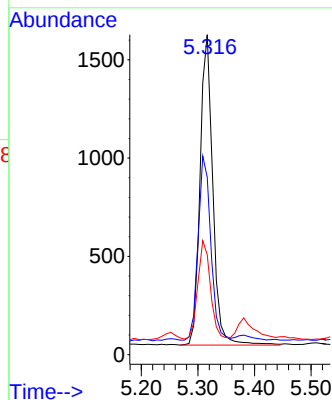
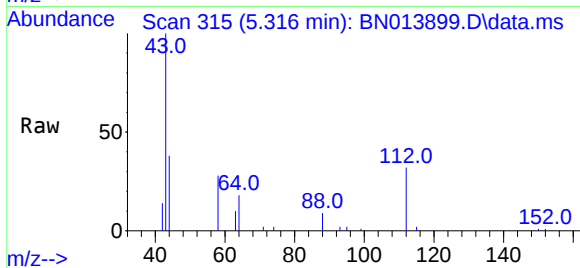




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.316 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

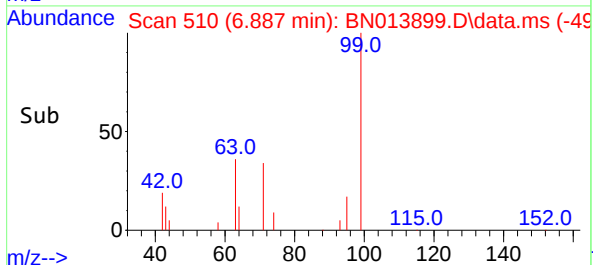
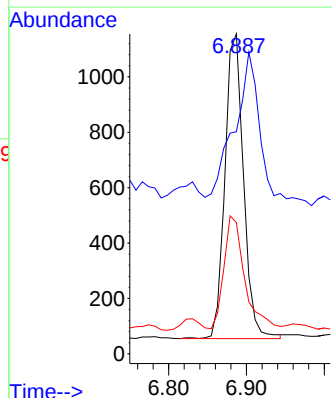
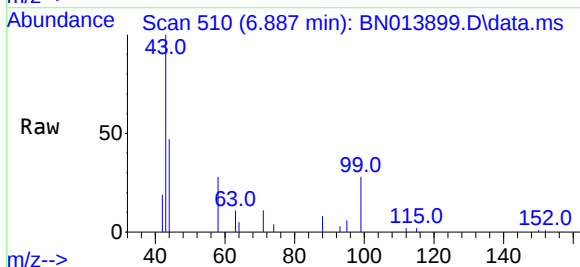
Instrument :
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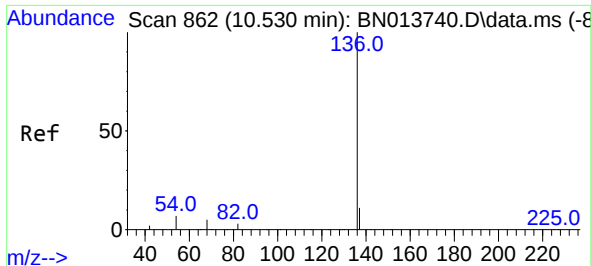
Tgt Ion:	112	Resp:	2461
Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.3	66.5
63	31.5	23.0	34.6



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.008 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

Tgt Ion:	99	Resp:	1824
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	42.8	26.1	39.1#

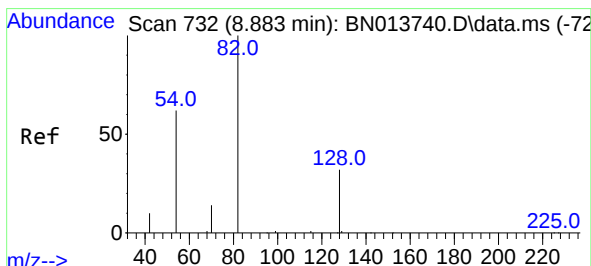
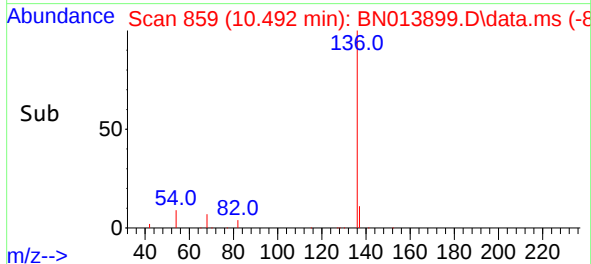
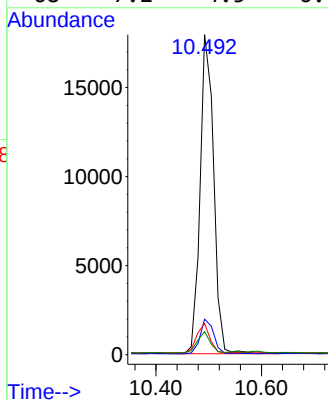
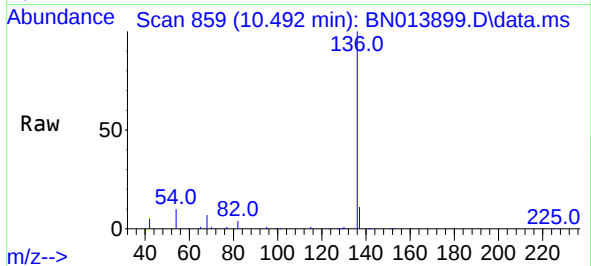




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

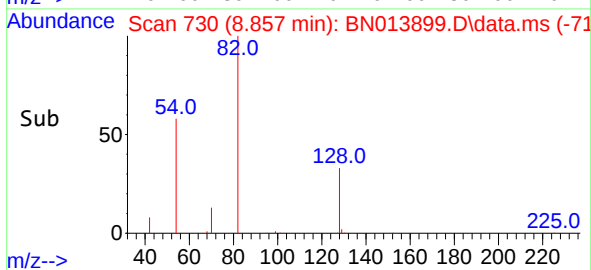
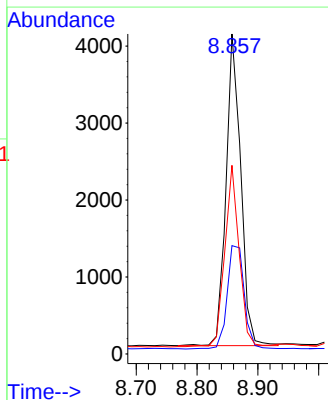
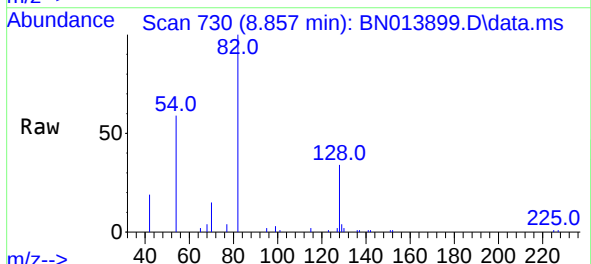
Instrument :
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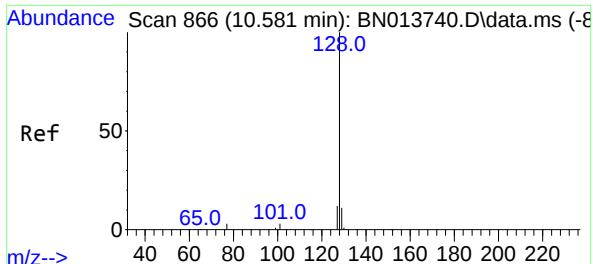
Tgt Ion:	136	Resp:	31997
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	9.8	6.4	9.6#
68	7.2	4.5	6.7#



#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

Tgt Ion:	82	Resp:	6804
Ion Ratio	Lower	Upper	
82	100		
128	33.8	39.2	58.8#
54	59.0	40.1	60.1

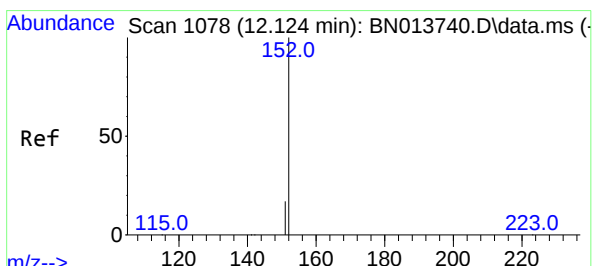
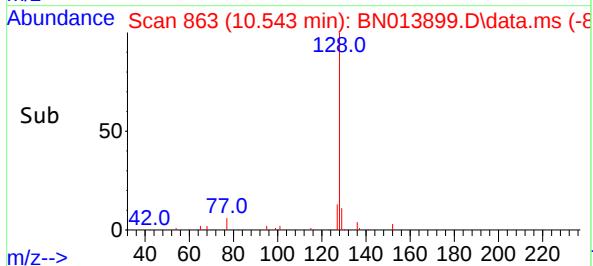
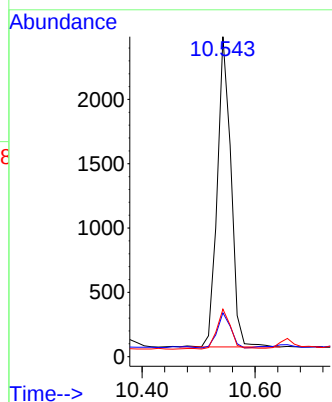
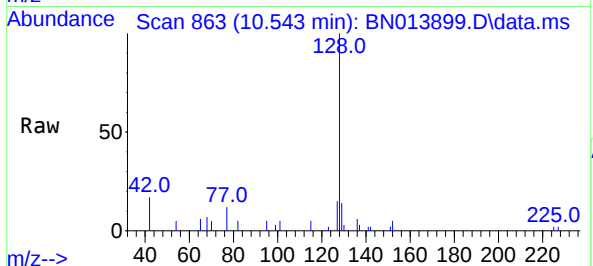




#9
Naphthalene
Concen: 0.05 ng
RT: 10.543 min Scan# 863
Delta R.T. 0.000 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

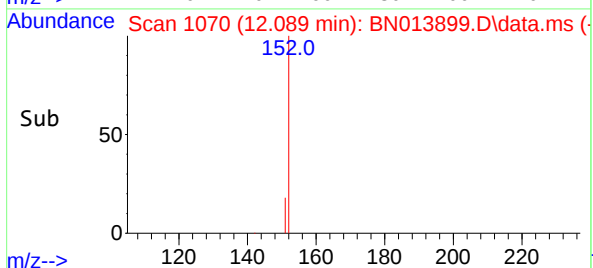
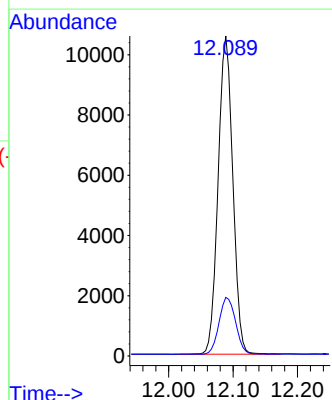
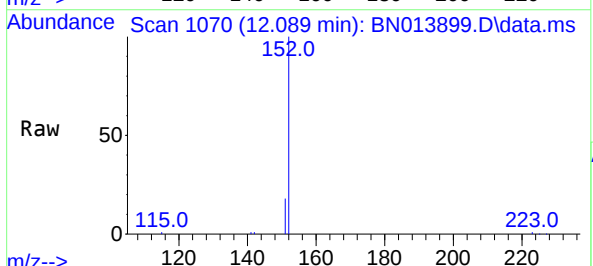
Instrument :
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ClientSampleId :
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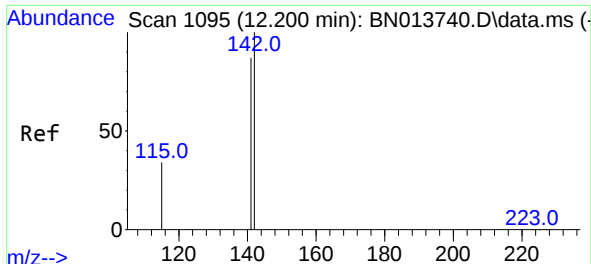
Tgt Ion:128 Resp: 4046
Ion Ratio Lower Upper
128 100
129 13.7 9.0 13.4#
127 14.8 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.089 min Scan# 1070
Delta R.T. -0.004 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

Tgt Ion:152 Resp: 16768
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2

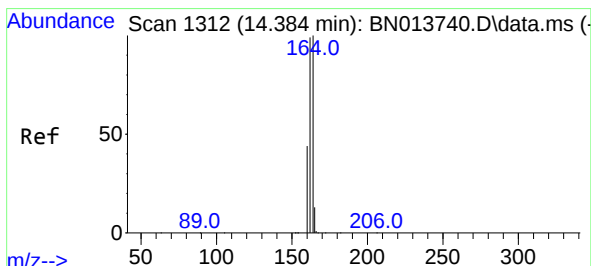
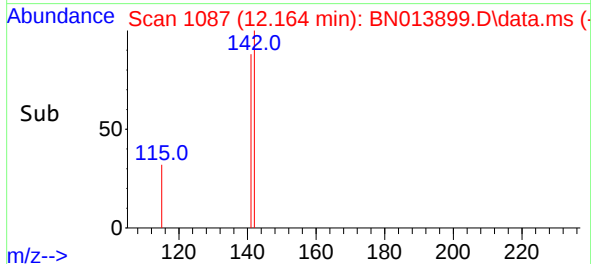
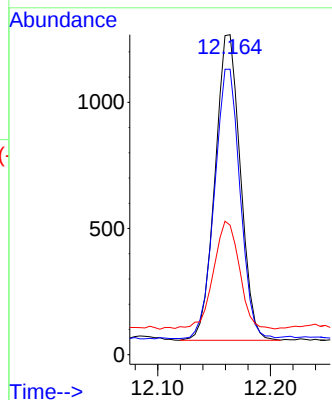
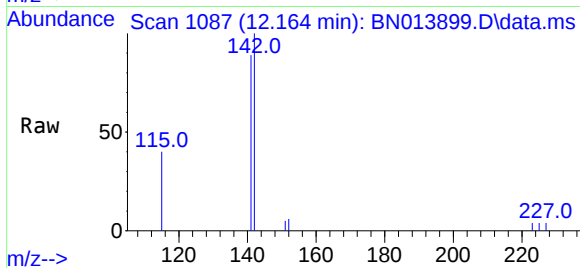




#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.164 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

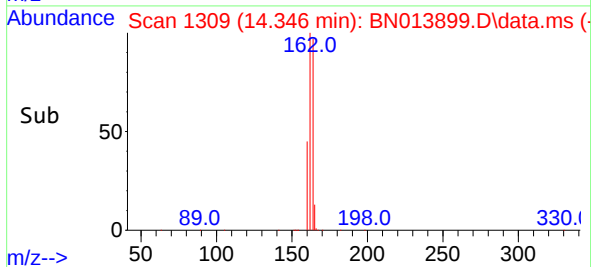
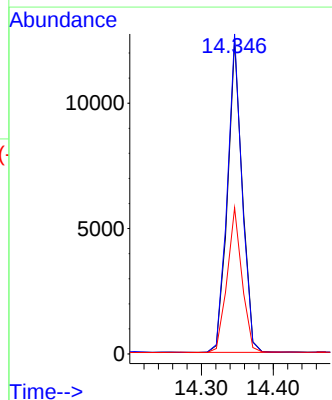
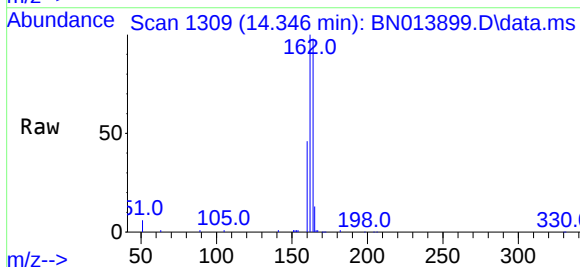
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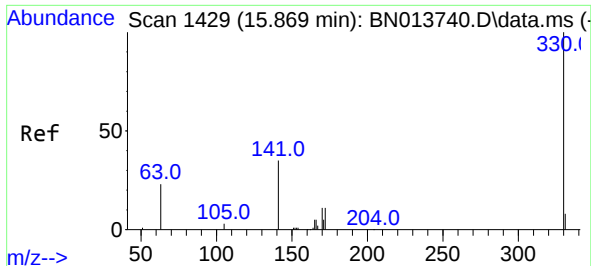
Tgt Ion:	142	Resp:	1893
Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.5	105.7
115	40.5	27.4	41.0



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

Tgt Ion:	164	Resp:	17719
Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.6	119.4
160	46.6	36.0	54.0

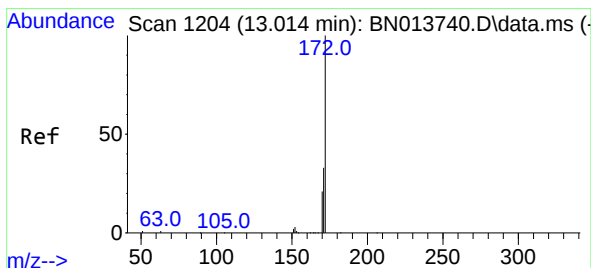
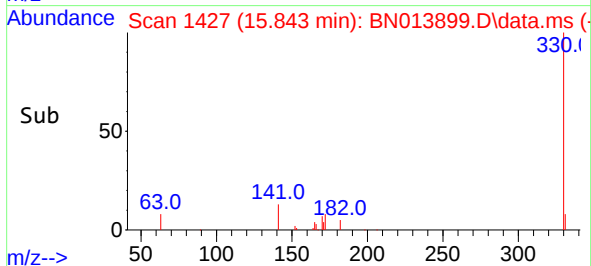
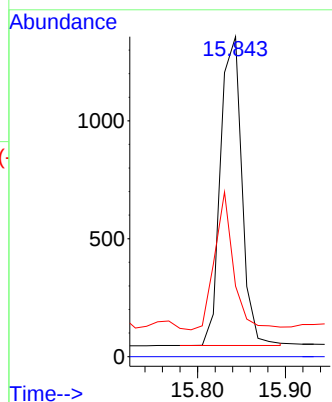
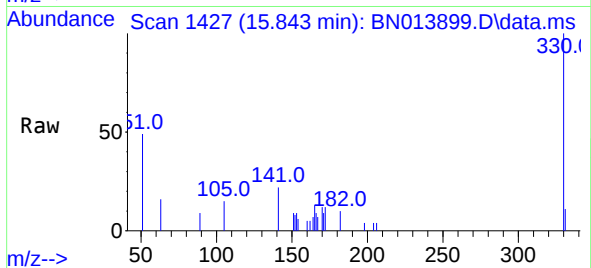




#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

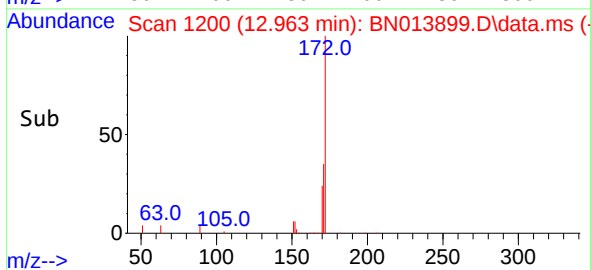
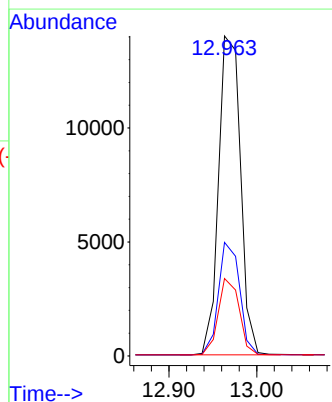
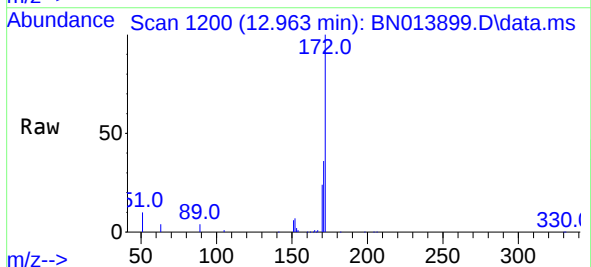
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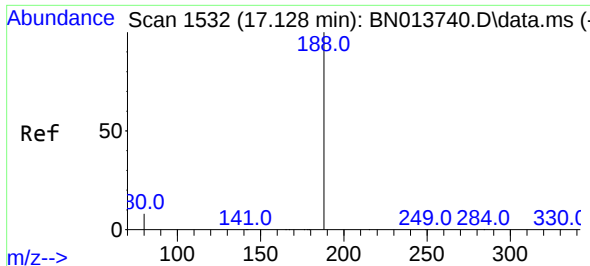
Tgt Ion:330 Resp: 2216
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.6 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.963 min Scan# 1200
Delta R.T. -0.013 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

Tgt Ion:172 Resp: 24342
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.2 18.9 28.3

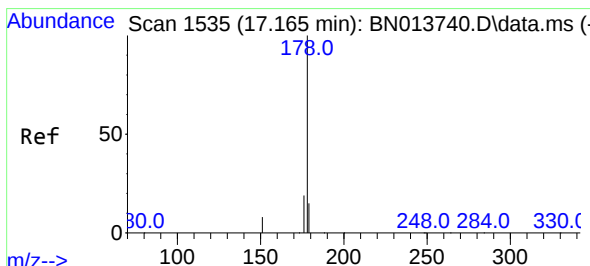
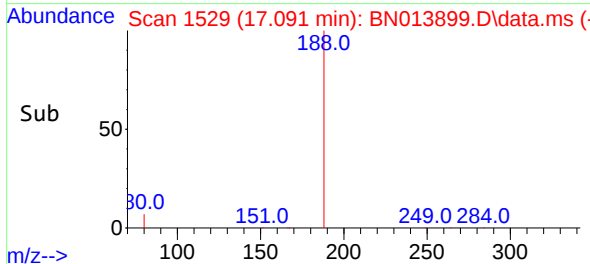
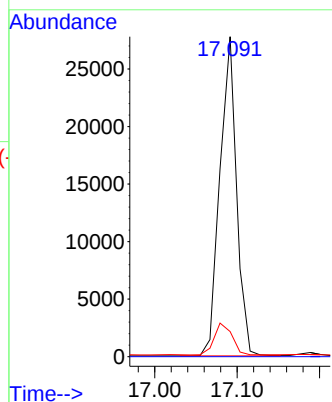
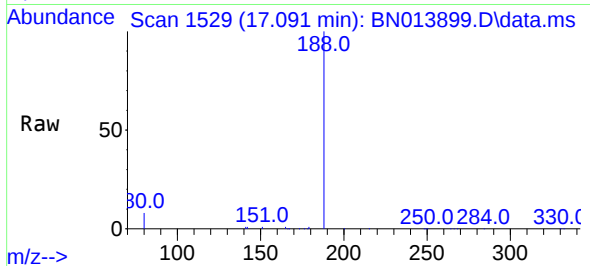




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

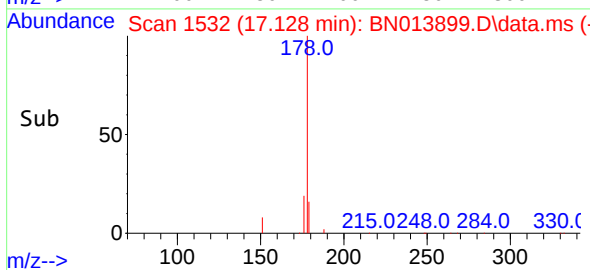
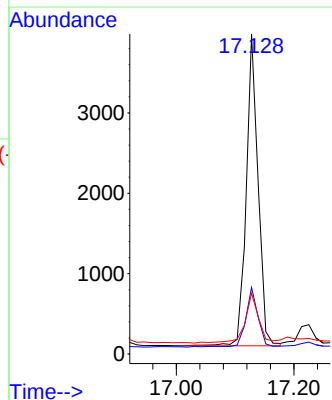
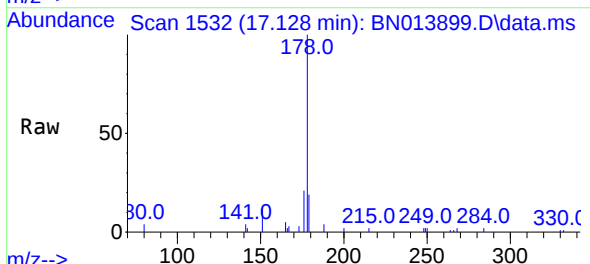
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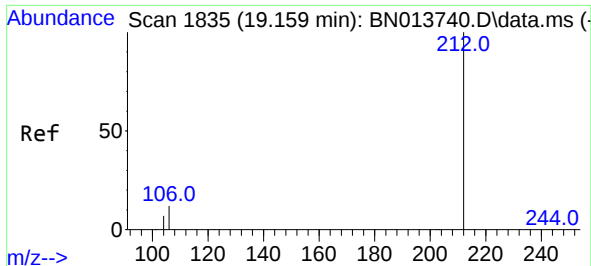
Tgt Ion:188 Resp: 39147
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 9.0 13.6#



#25
Phenanthrene
Concen: 0.05 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

Tgt Ion:178 Resp: 5393
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.4
179 18.4 12.3 18.5

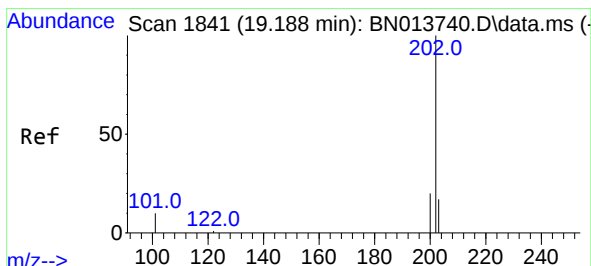
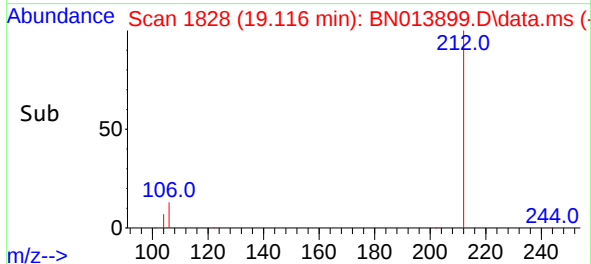
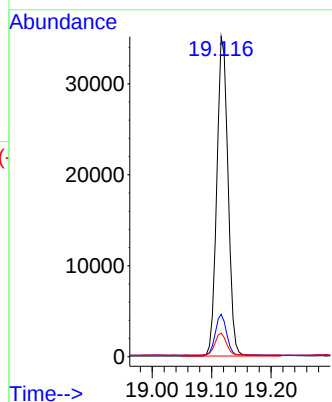
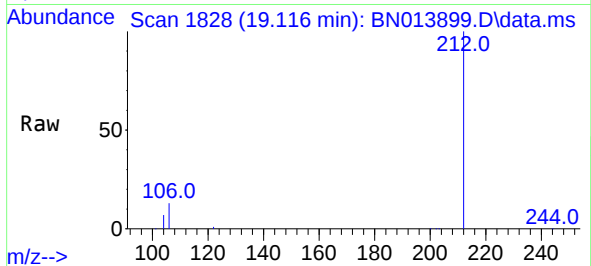




#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.116 min Scan# 1828
Delta R.T. -0.005 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

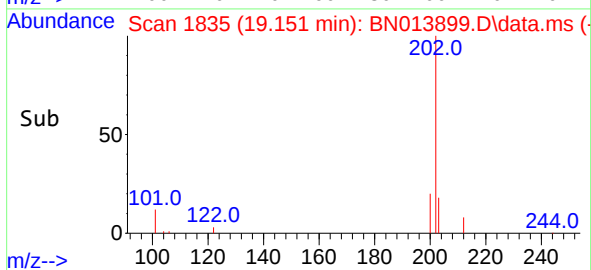
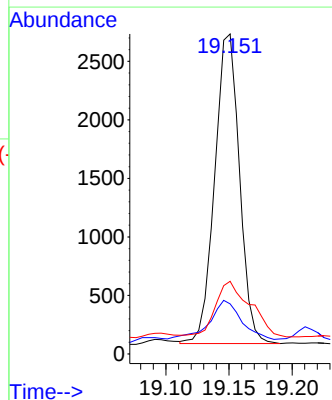
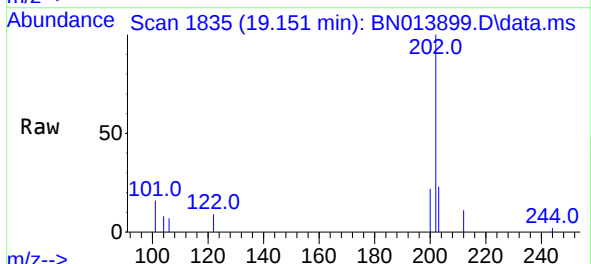
Instrument :
BNA_N
ClientSampleId :
GWBR1-155-175-030821

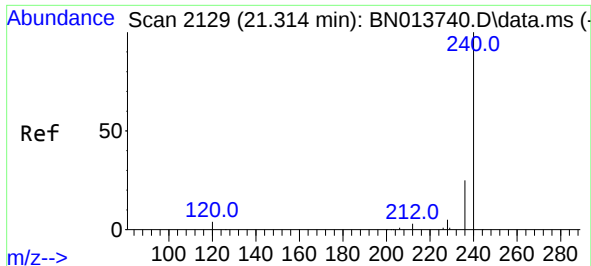
Tgt Ion:212 Resp: 46061
Ion Ratio Lower Upper
212 100
106 12.7 9.7 14.5
104 7.1 5.5 8.3



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.151 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

Tgt Ion:202 Resp: 3607
Ion Ratio Lower Upper
202 100
101 16.1 8.1 12.1#
203 25.7 13.9 20.9#

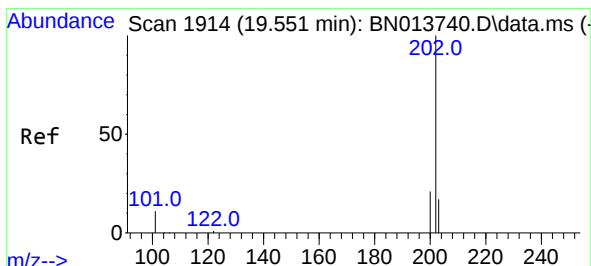
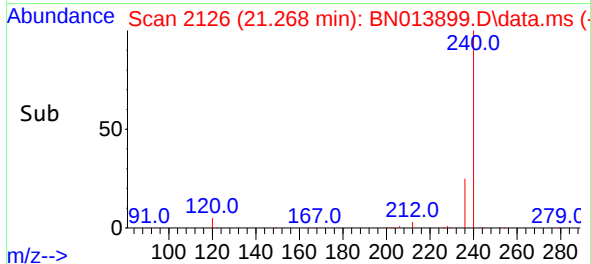
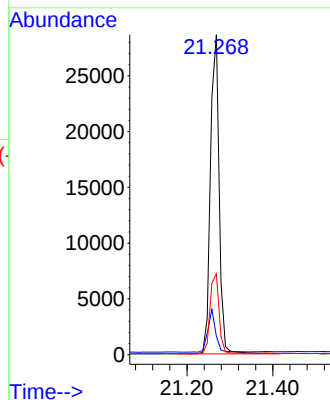
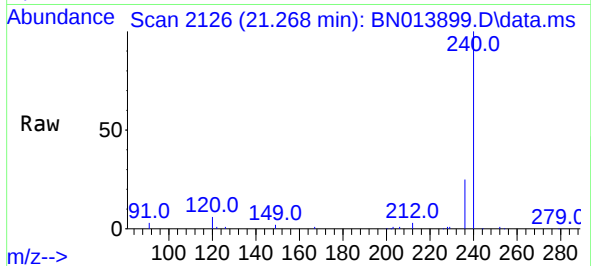




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.268 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

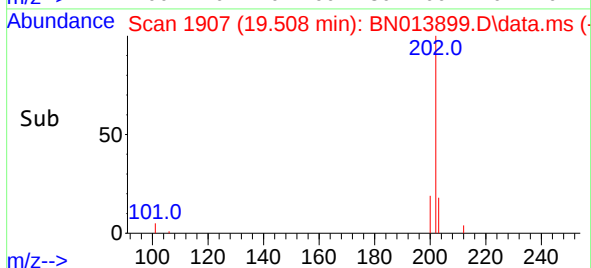
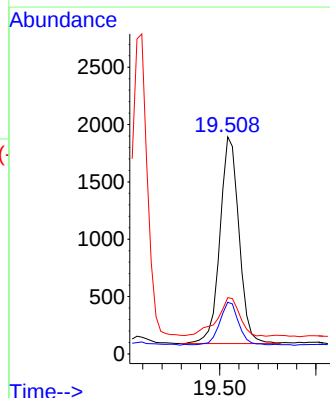
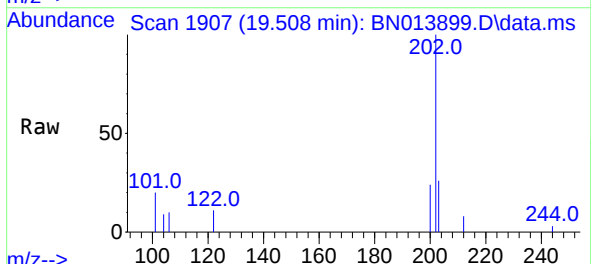
Instrument :
BNA_N
ClientSampleId :
GWBR1-155-175-030821

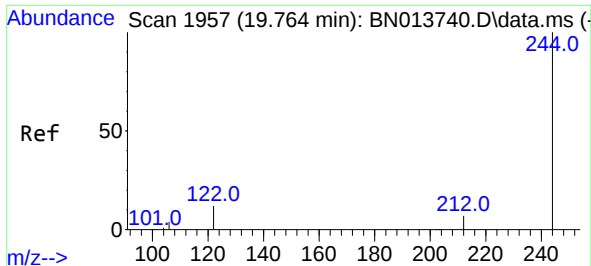
Tgt Ion:240 Resp: 40278
Ion Ratio Lower Upper
240 100
120 5.8 10.2 15.4#
236 25.3 21.3 31.9



#30
Pyrene
Concen: 0.02 ng
RT: 19.508 min Scan# 1907
Delta R.T. -0.005 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

Tgt Ion:202 Resp: 2487
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 22.3 14.0 21.0#

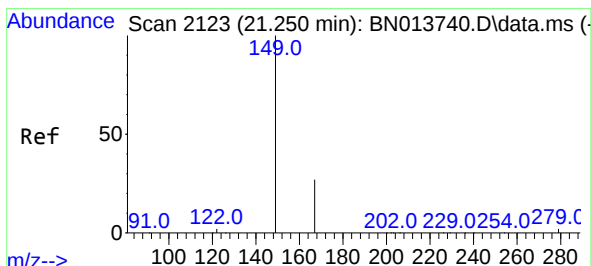
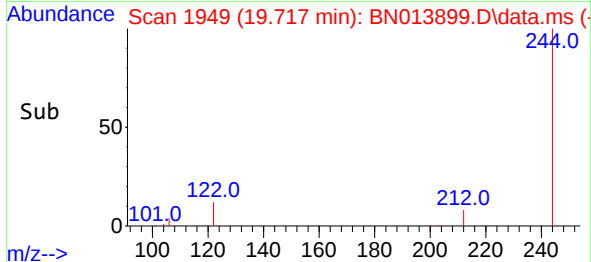
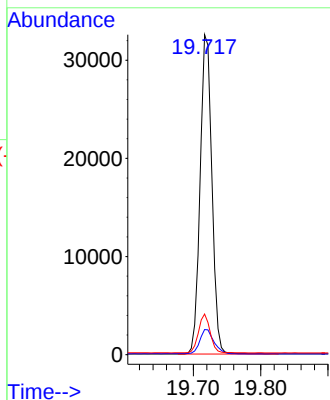
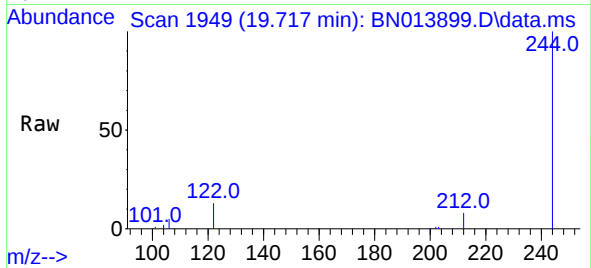




#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.717 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

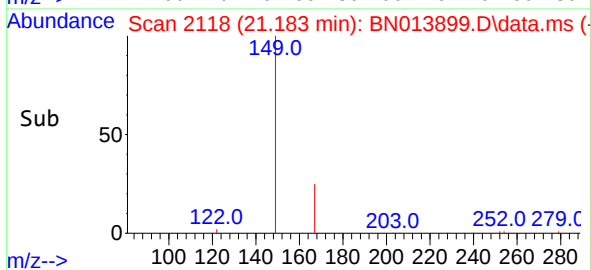
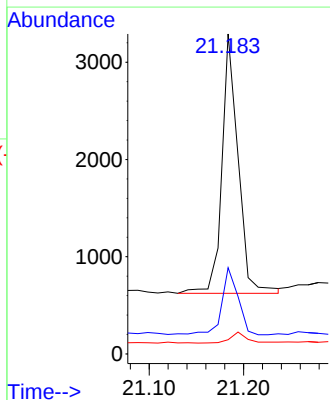
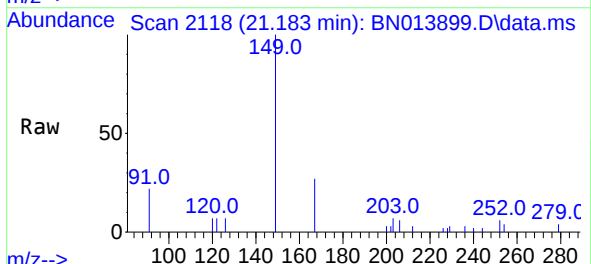
Instrument :
BNA_N
ClientSampleId :
GWBR1-155-175-030821

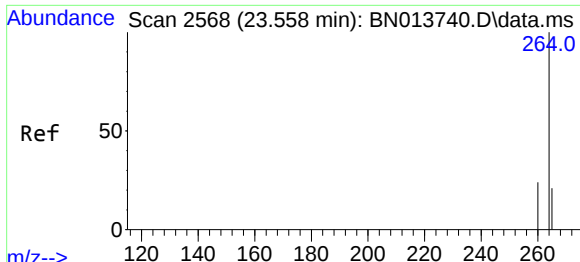
Tgt Ion:244 Resp: 39591
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.7 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.183 min Scan# 2118
Delta R.T. -0.011 min
Lab File: BN013899.D
Acq: 10 Mar 2021 10:21

Tgt Ion:149 Resp: 3182
Ion Ratio Lower Upper
149 100
167 25.8 22.1 33.1
279 4.5 3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.486 min Scan# 2549
 Delta R.T. -0.007 min
 Lab File: BN013899.D
 Acq: 10 Mar 2021 10:21

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-155-175-030821

Tgt Ion:264	Resp:	35670
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.3 28.9
265	29.0	66.2 99.4#

