

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014017.D
 Acq On : 22 Mar 2021 17:43
 Operator : CG/JU
 Sample : M1755-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-200-217-031821

Quant Time: Mar 22 18:22:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 19 14:40:09 2021
 Response via : Initial Calibration

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

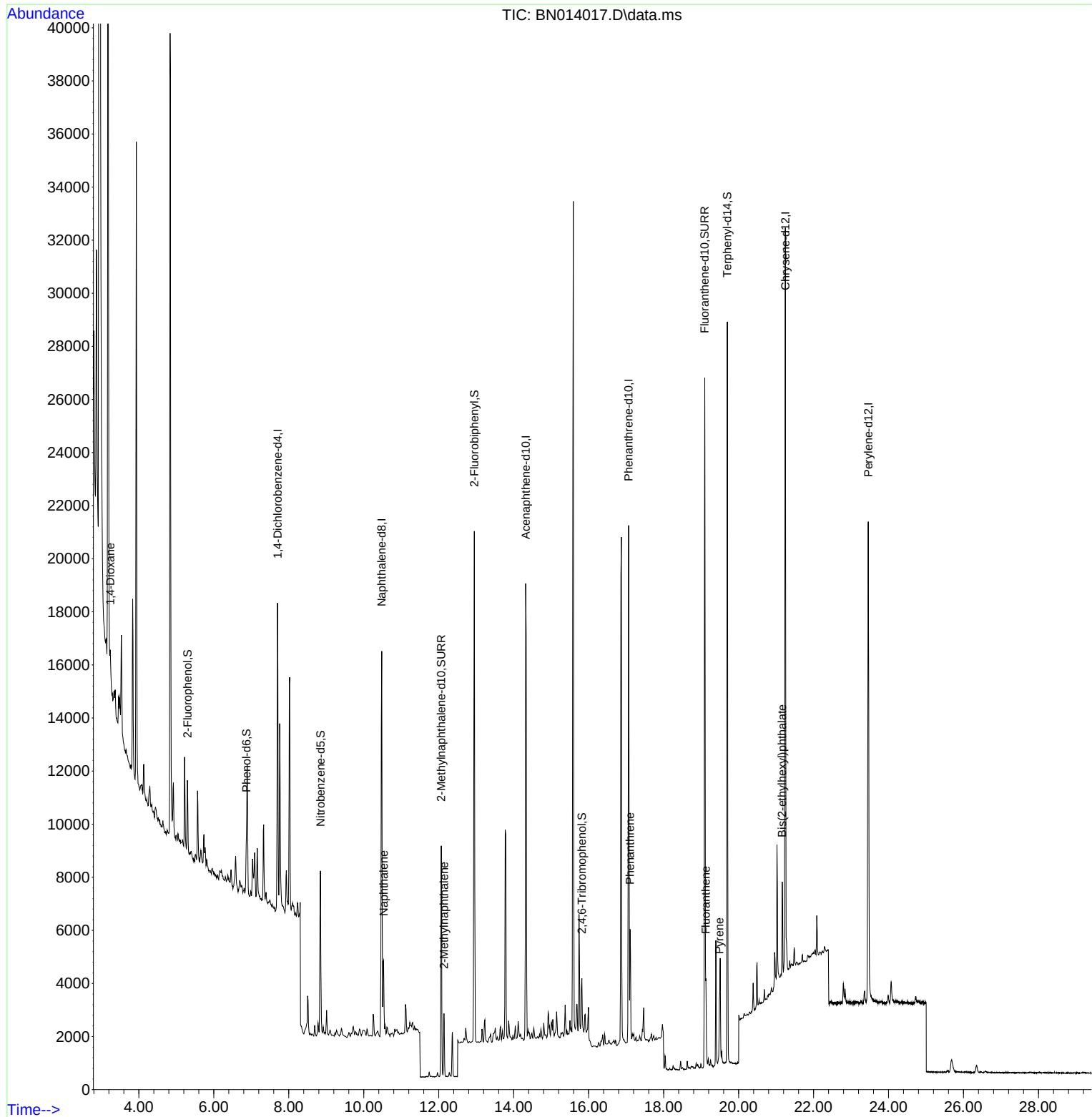
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5137	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	19361	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	11030	0.40	ng	-0.01
19) Phenanthrene-d10	17.067	188	24762	0.40	ng	0.00
29) Chrysene-d12	21.247	240	26329	0.40	ng	# 0.00
36) Perylene-d12	23.459	264	24216	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.301	112	2057	0.17	ng	0.00
5) Phenol-d6	6.871	99	1554	0.10	ng	0.00
8) Nitrobenzene-d5	8.845	82	4872	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	11739	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1524	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	16339	0.40	ng	0.00
27) Fluoranthene-d10	19.096	212	29330	0.43	ng	0.00
31) Terphenyl-d14	19.697	244	27196	0.47	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	687	0.10	ng	# 1
9) Naphthalene	10.530	128	3991	0.08	ng	# 95
12) 2-Methylnaphthalene	12.142	142	1665	0.05	ng	# 95
25) Phenanthrene	17.104	178	4719	0.07	ng	99
28) Fluoranthene	19.126	202	2478	0.03	ng	# 94
30) Pyrene	19.489	202	2045	0.03	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.162	149	3420	0.12	ng	99

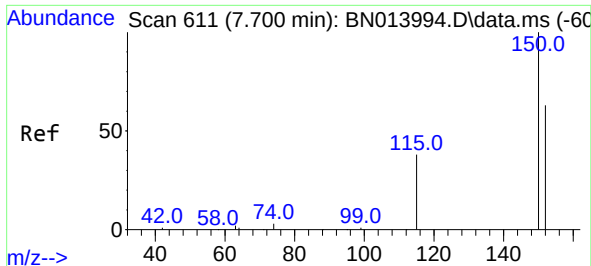
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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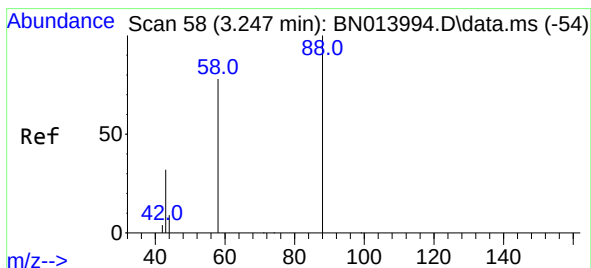
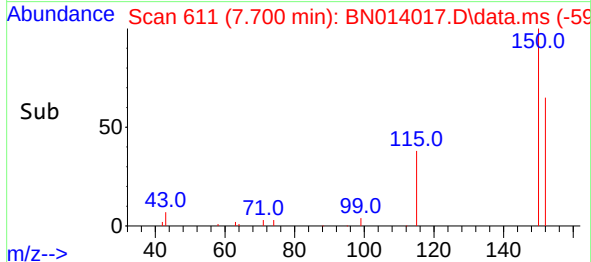
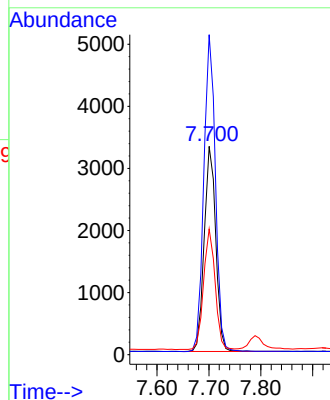
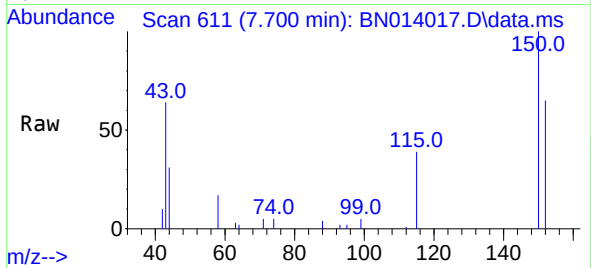


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014017.D
 Acq: 22 Mar 2021 17:43

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-200-217-031821

Tgt Ion: 152 Resp: 5137

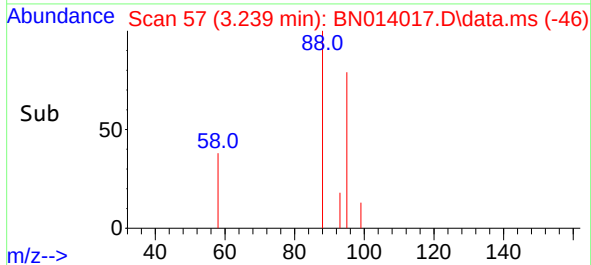
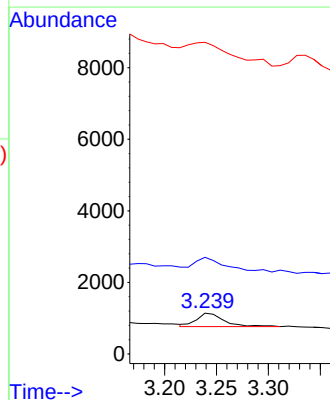
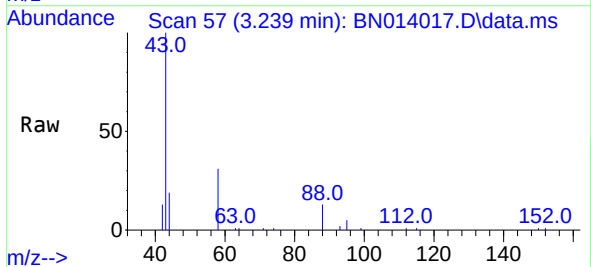
Ion	Ratio	Lower	Upper
152	100		
150	153.6	121.8	182.8
115	60.4	46.6	69.8

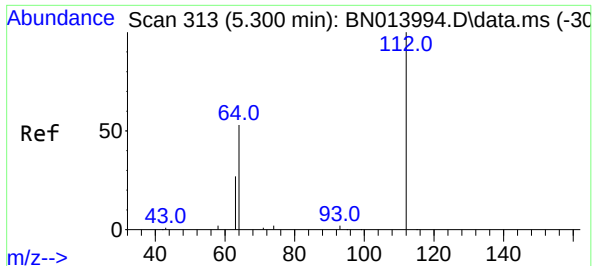


#2
 1,4-Dioxane
 Concen: 0.10 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014017.D
 Acq: 22 Mar 2021 17:43

Tgt Ion: 88 Resp: 687

Ion	Ratio	Lower	Upper
88	100		
58	117.5	64.6	96.8#
43	283.0	26.6	40.0#



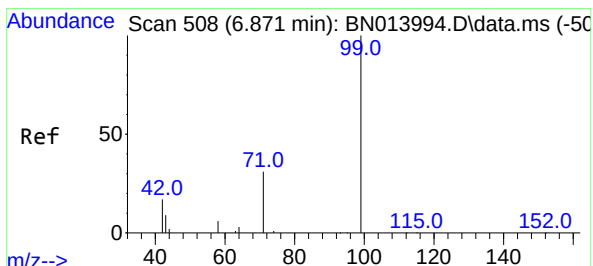
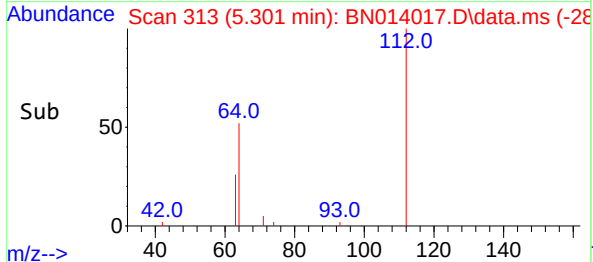
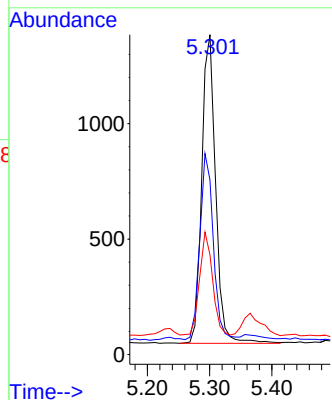
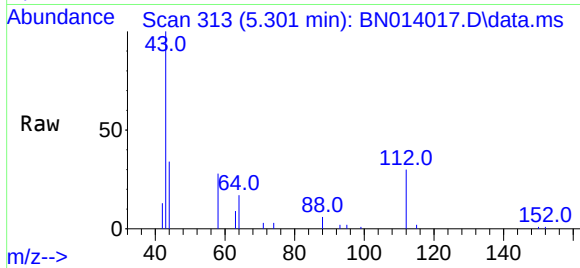


#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.301 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

Instrument :
BNA_N
ClientSampleId :
GWBR1-200-217-031821

Tgt Ion:112 Resp: 2057

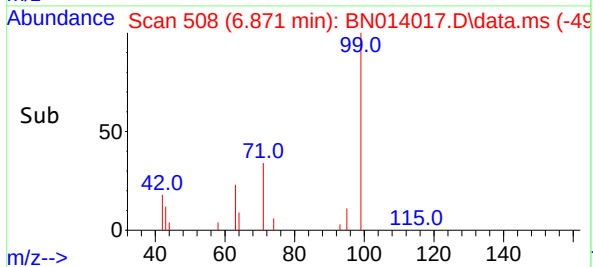
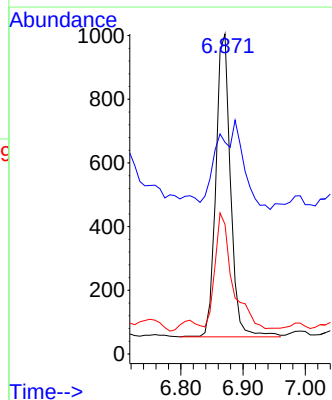
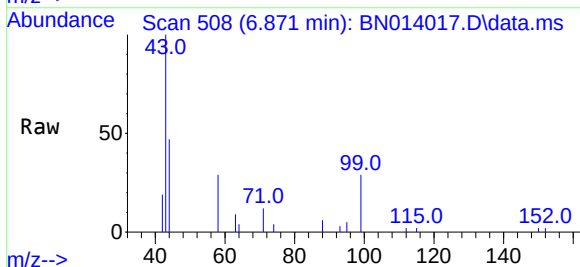
Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.3	66.5
63	32.1	23.0	34.6

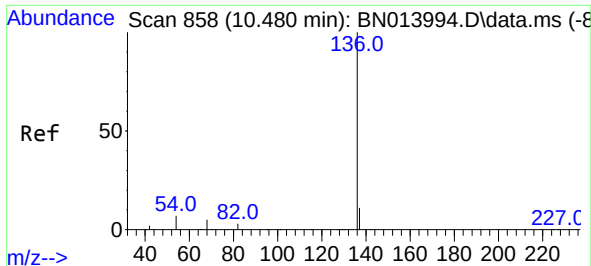


#5
Phenol-d6
Concen: 0.10 ng
RT: 6.871 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

Tgt Ion: 99 Resp: 1554

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	45.7	26.1	39.1#

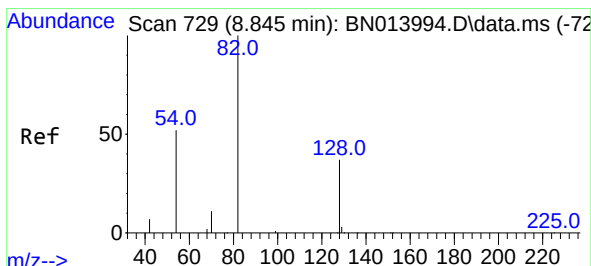
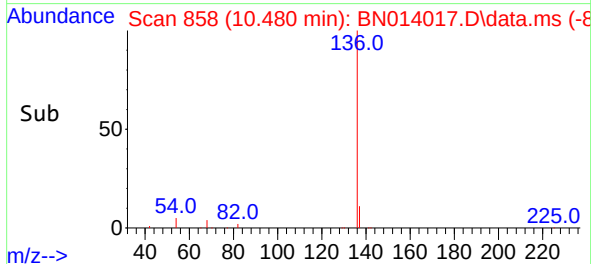
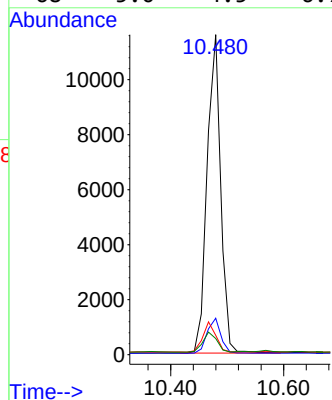
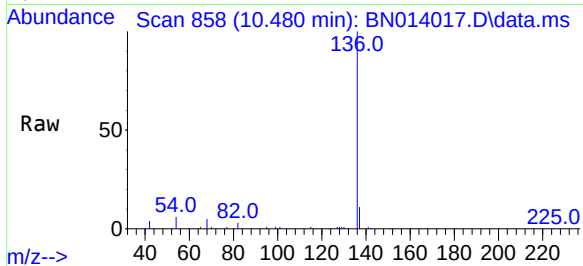




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.480 min Scan# 858
Delta R.T. 0.000 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

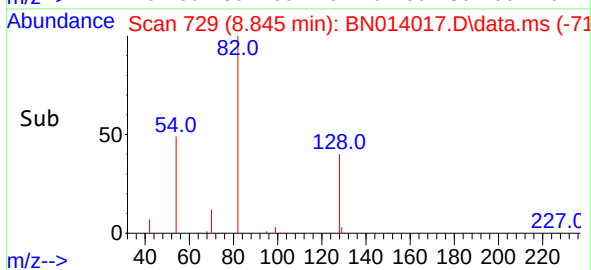
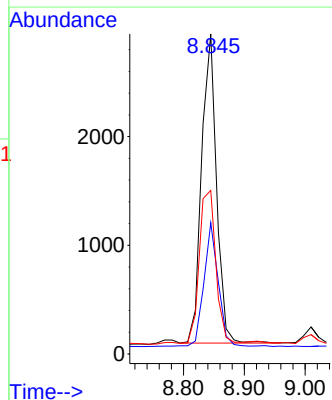
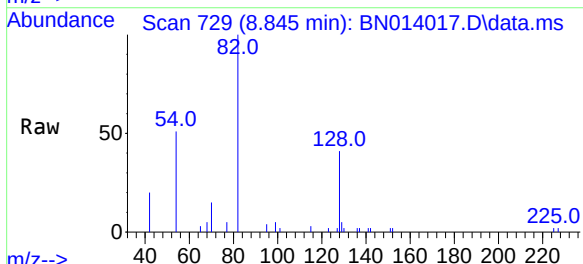
Instrument :
BNA_N
ClientSampleId :
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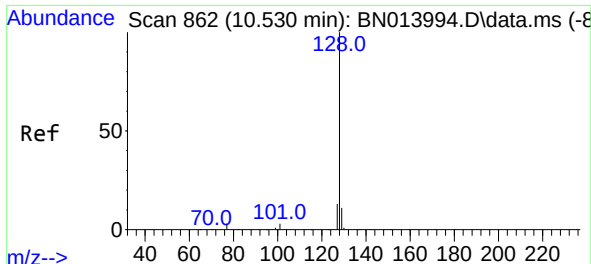
Tgt Ion:	136	Resp:	19361
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	6.1	6.4	9.6#
68	5.0	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

Tgt Ion:	82	Resp:	4872
Ion	Ratio	Lower	Upper
82	100		
128	41.0	39.2	58.8
54	51.1	40.1	60.1

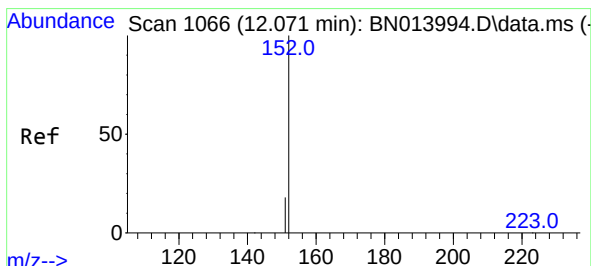
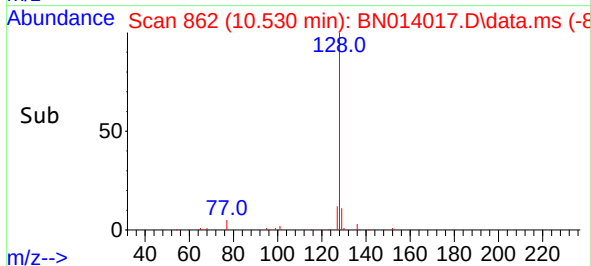
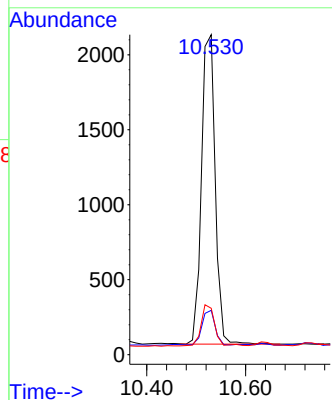
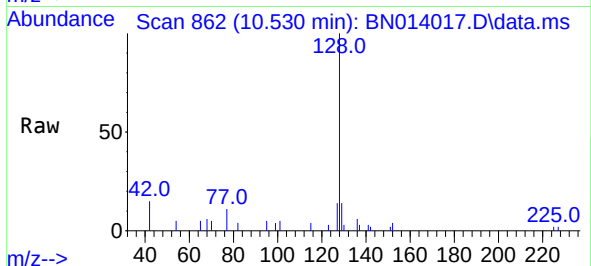




#9
Naphthalene
Concen: 0.08 ng
RT: 10.530 min Scan# 862
Delta R.T. 0.000 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

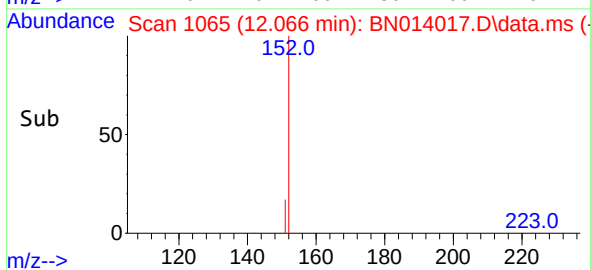
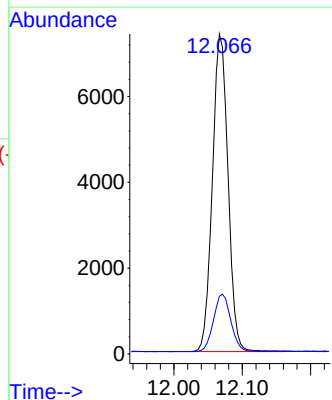
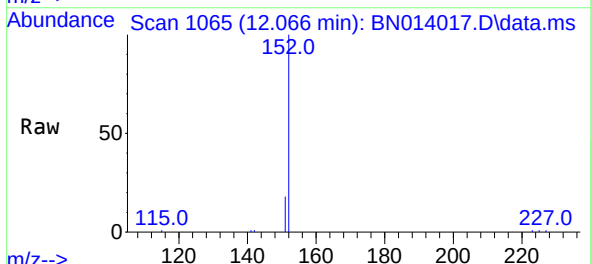
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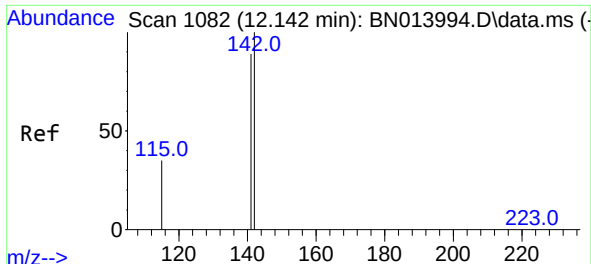
Tgt Ion:128 Resp: 3991
Ion Ratio Lower Upper
128 100
129 13.9 9.0 13.4#
127 14.5 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.004 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

Tgt Ion:152 Resp: 11739
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2

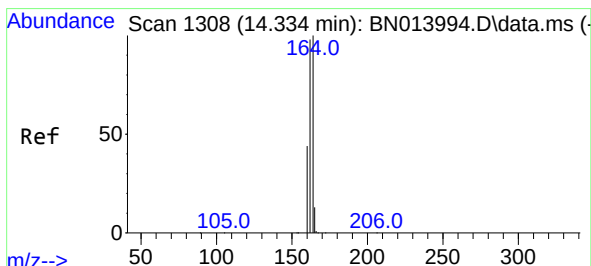
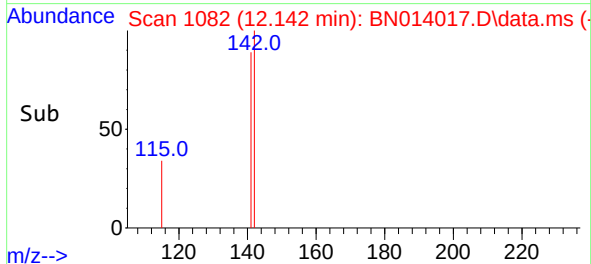
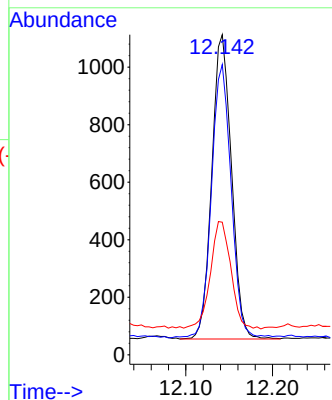
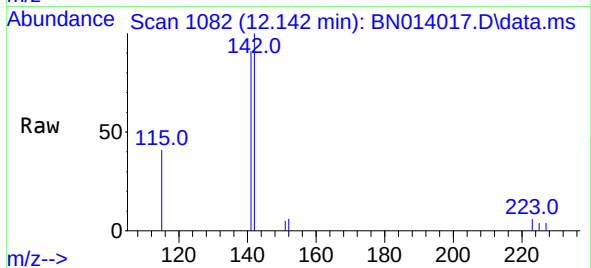




#12
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.142 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

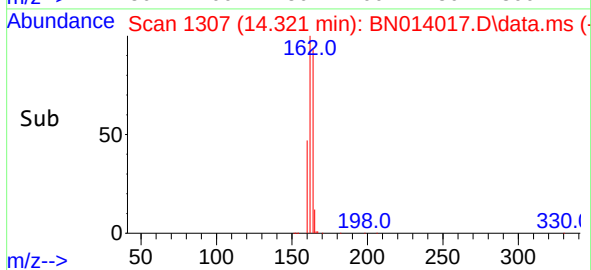
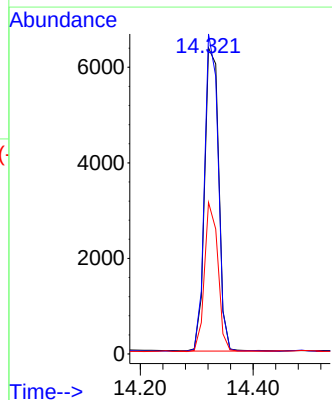
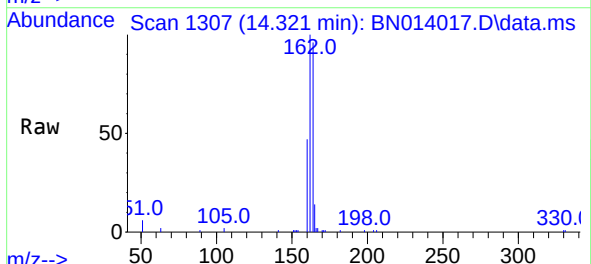
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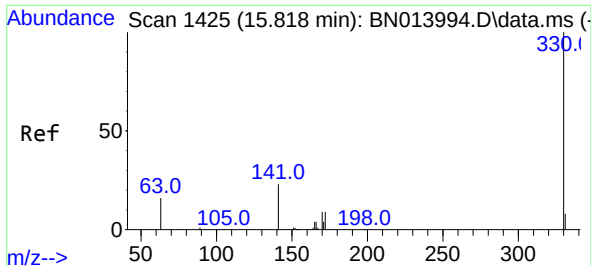
Tgt Ion:	142	Resp:	1665
Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.5	105.7
115	41.4	27.4	41.0



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

Tgt Ion:	164	Resp:	11030
Ion	Ratio	Lower	Upper
164	100		
162	104.6	79.6	119.4
160	49.5	36.0	54.0

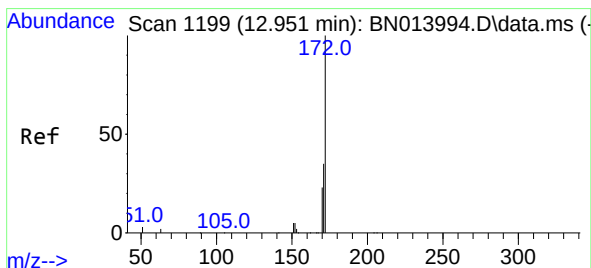
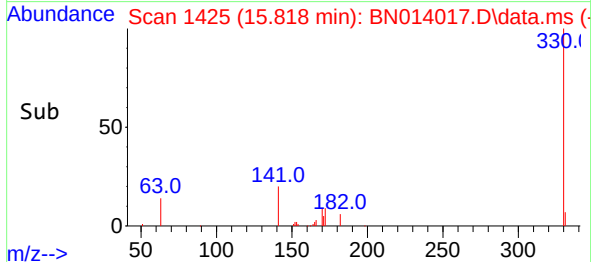
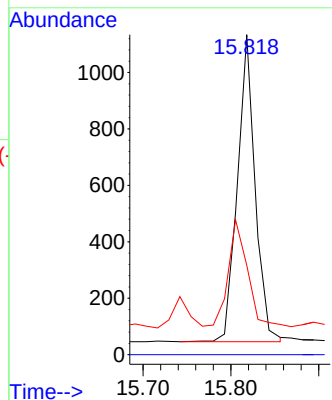
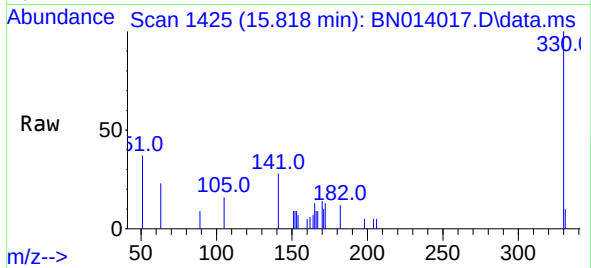




#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

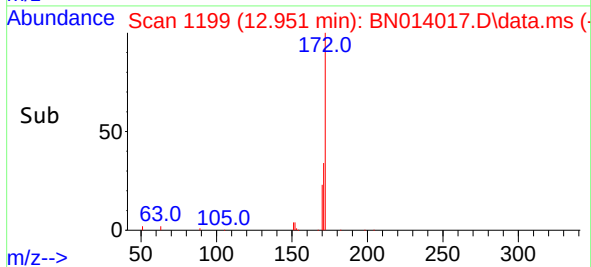
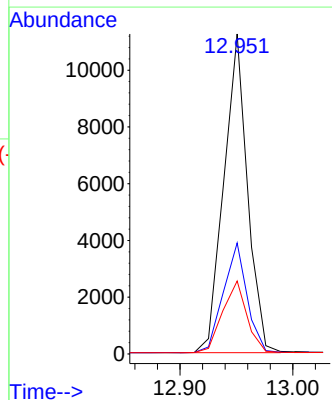
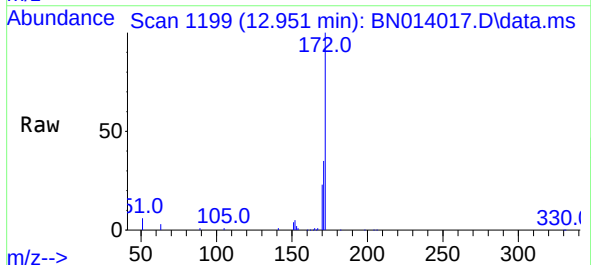
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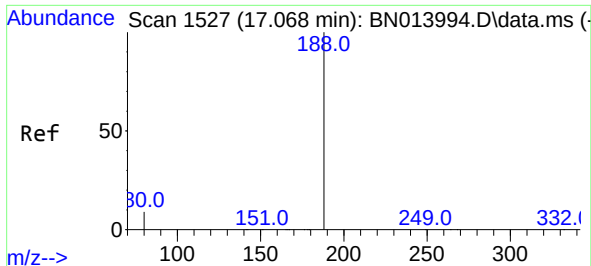
Tgt Ion:330 Resp: 1524
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.8 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.951 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

Tgt Ion:172 Resp: 16339
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 22.8 18.9 28.3

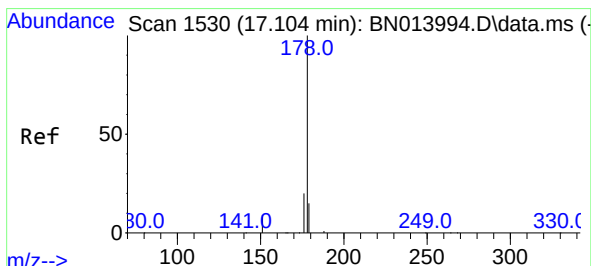
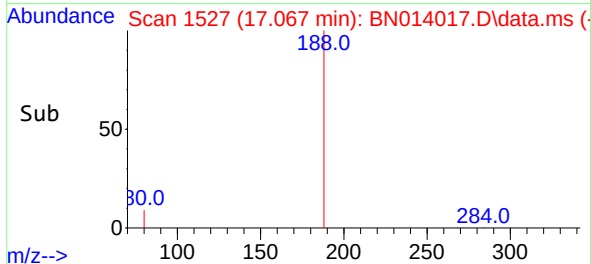
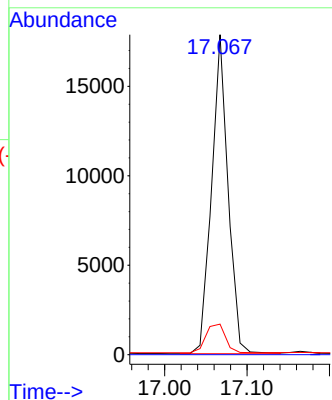
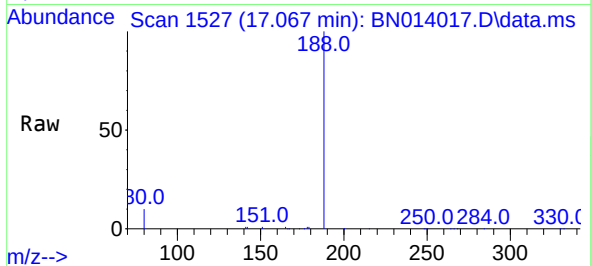




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

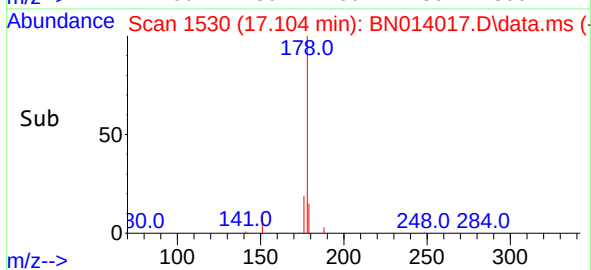
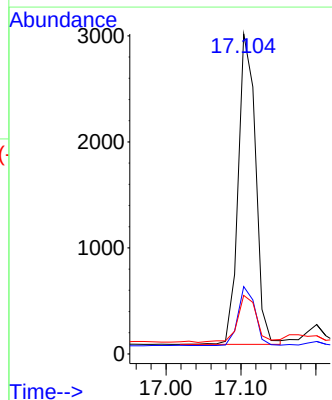
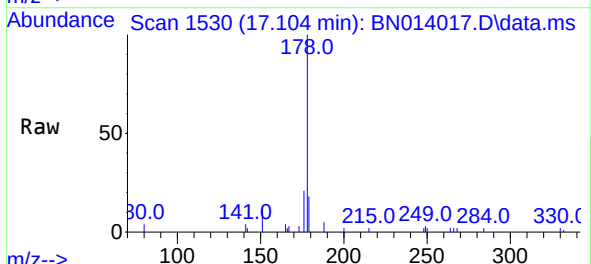
Instrument :
BNA_N
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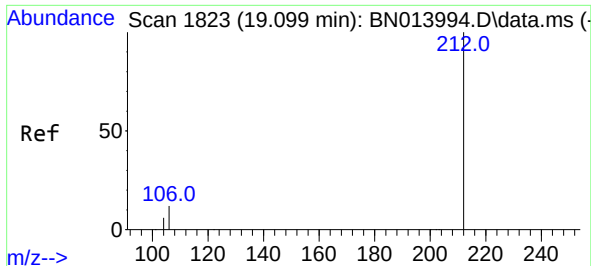
Tgt Ion:188 Resp: 24762
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 9.0 13.6



#25
Phenanthrene
Concen: 0.07 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

Tgt Ion:178 Resp: 4719
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 16.3 12.3 18.5

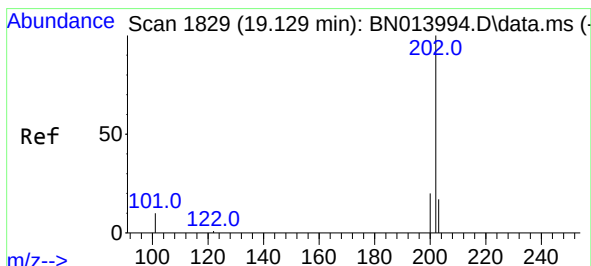
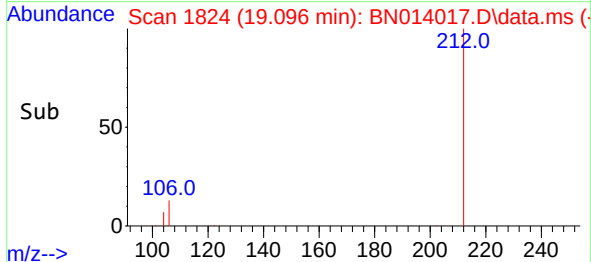
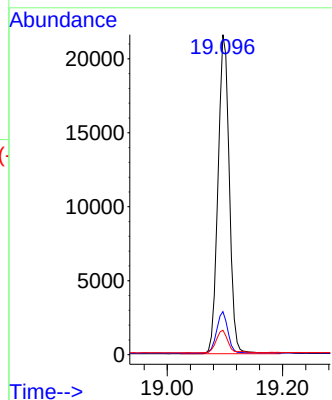
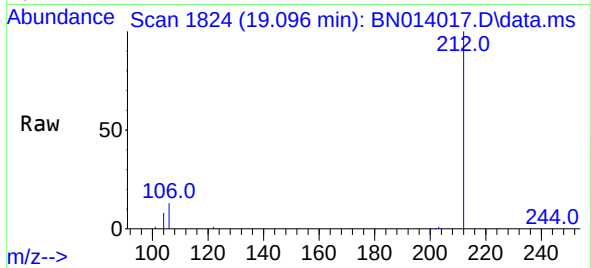




#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.003 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

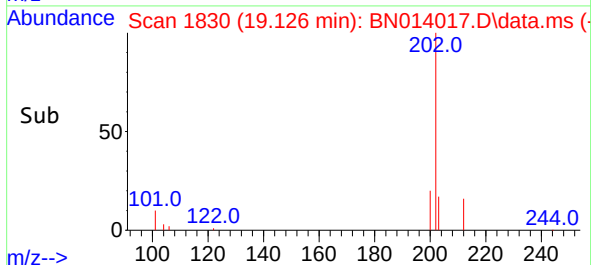
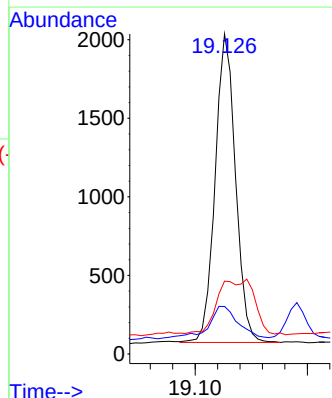
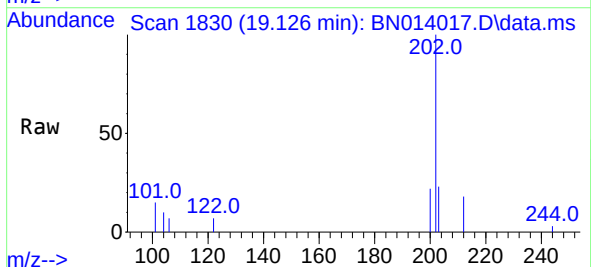
Instrument :
BNA_N
ClientSampleId :
GWBR1-200-217-031821

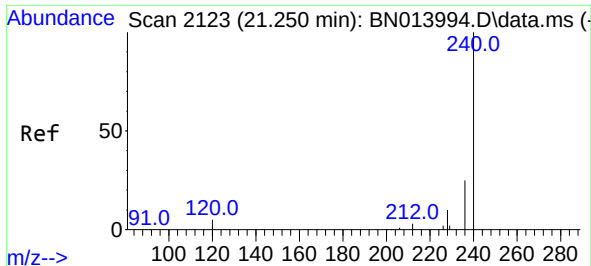
Tgt Ion:212 Resp: 29330
Ion Ratio Lower Upper
212 100
106 12.9 9.7 14.5
104 7.5 5.5 8.3



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.126 min Scan# 1830
Delta R.T. -0.003 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

Tgt Ion:202 Resp: 2478
Ion Ratio Lower Upper
202 100
101 15.9 8.1 12.1#
203 17.2 13.9 20.9

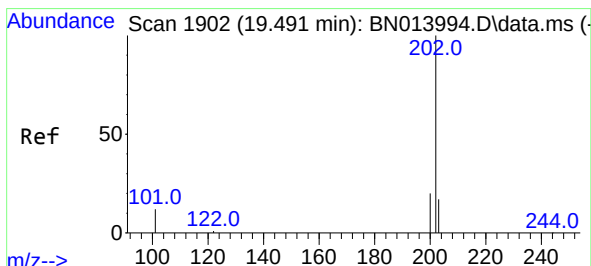
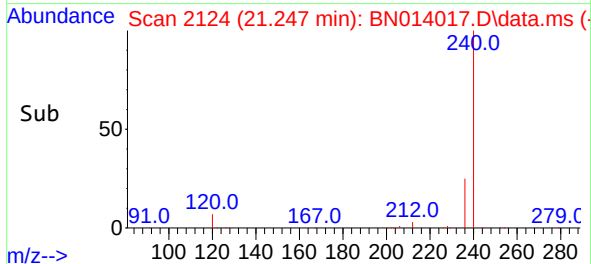
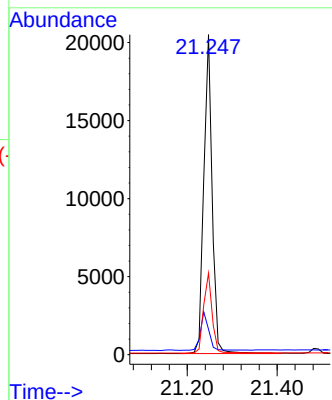
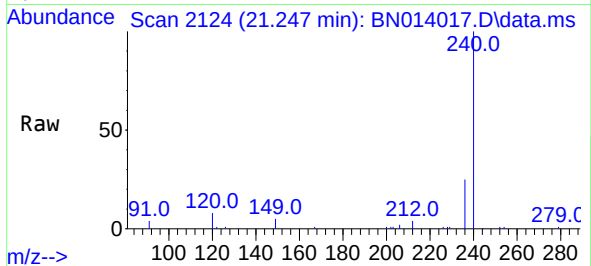




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.003 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

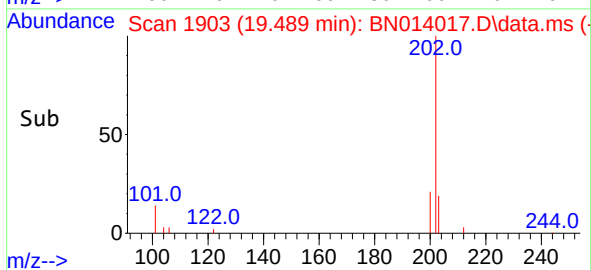
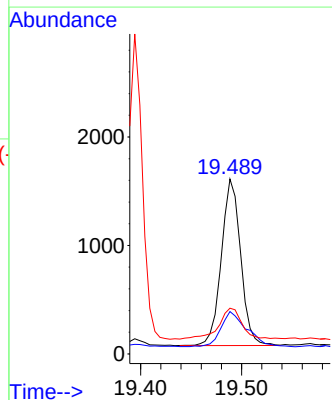
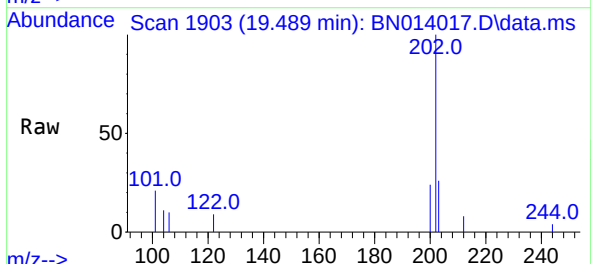
Instrument :
BNA_N
ClientSampleId :
GWBR1-200-217-031821

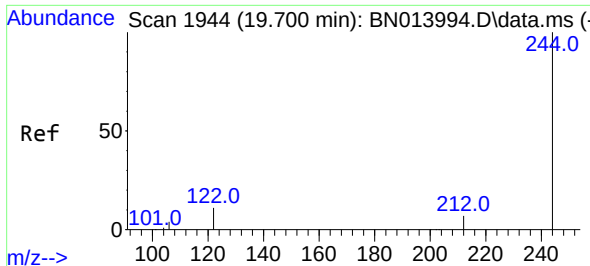
Tgt Ion:240 Resp: 26329
Ion Ratio Lower Upper
240 100
120 8.0 10.2 15.4#
236 25.5 21.3 31.9



#30
Pyrene
Concen: 0.03 ng
RT: 19.489 min Scan# 1903
Delta R.T. -0.003 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

Tgt Ion:202 Resp: 2045
Ion Ratio Lower Upper
202 100
200 28.4 16.3 24.5#
203 22.6 14.0 21.0#

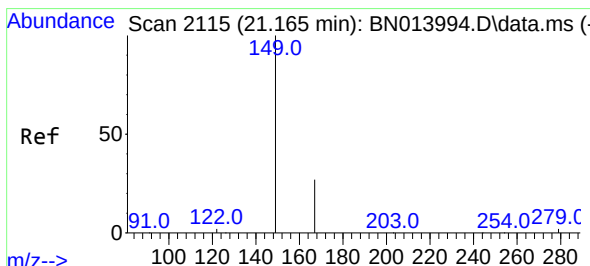
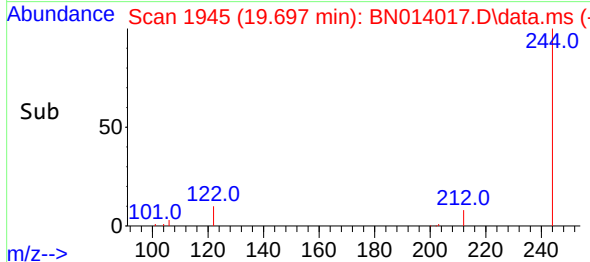
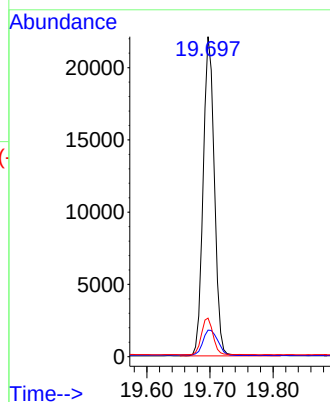
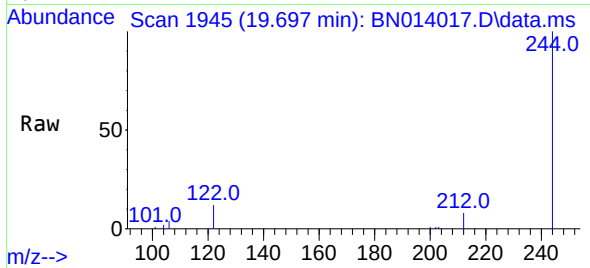




#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.697 min Scan# 1945
Delta R.T. -0.003 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

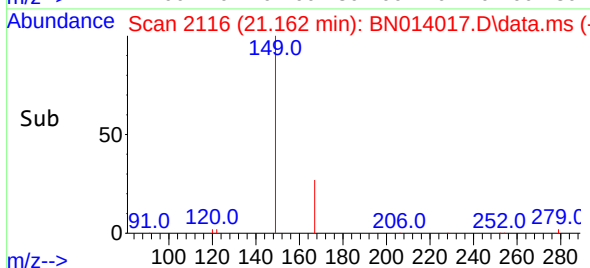
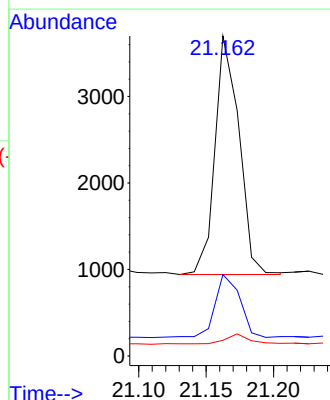
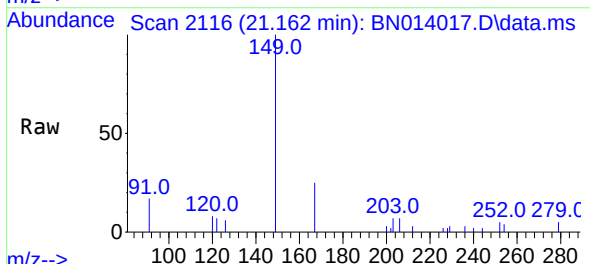
Instrument :
BNA_N
ClientSampleId :
GWBR1-200-217-031821

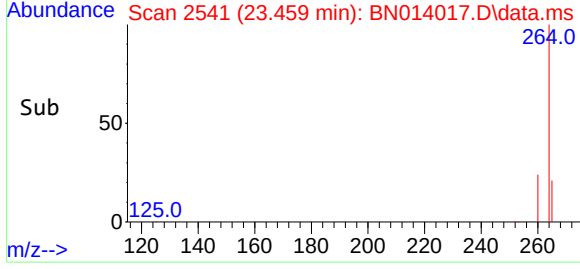
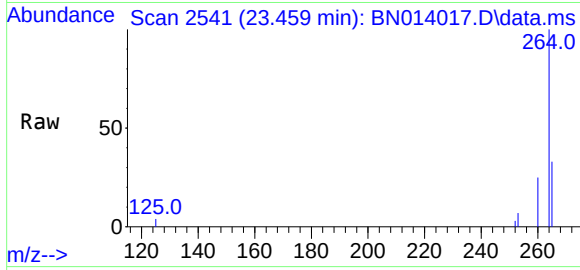
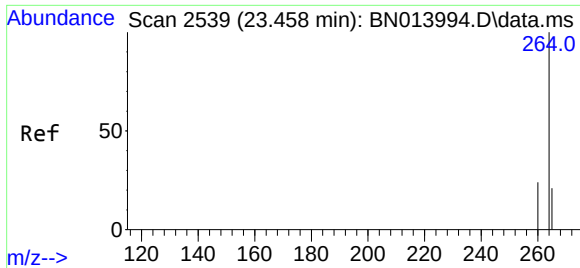
Tgt Ion:244	Resp:	27196
Ion Ratio	Lower	Upper
244	100	
212	8.3	6.1 9.1
122	12.1	9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.162 min Scan# 2116
Delta R.T. -0.003 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

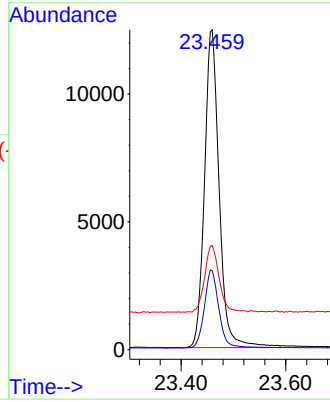
Tgt Ion:149	Resp:	3420
Ion Ratio	Lower	Upper
149	100	
167	27.9	22.1 33.1
279	4.8	3.5 5.3





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.459 min Scan# 2541
Delta R.T. 0.001 min
Lab File: BN014017.D
Acq: 22 Mar 2021 17:43

Tgt Ion:264	Resp:	24216
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.3 28.9
265	32.6	66.2 99.4#



Instrument :
BNA_N
ClientSampleId :
GWBR1-200-217-031821