

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021521\
 Data File : BN013627.D
 Acq On : 15 Feb 2021 16:57
 Operator : CG/JU
 Sample : M1413-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-95-103-021221

Quant Time: Feb 15 17:52:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 08 15:13:18 2021
 Response via : Initial Calibration

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

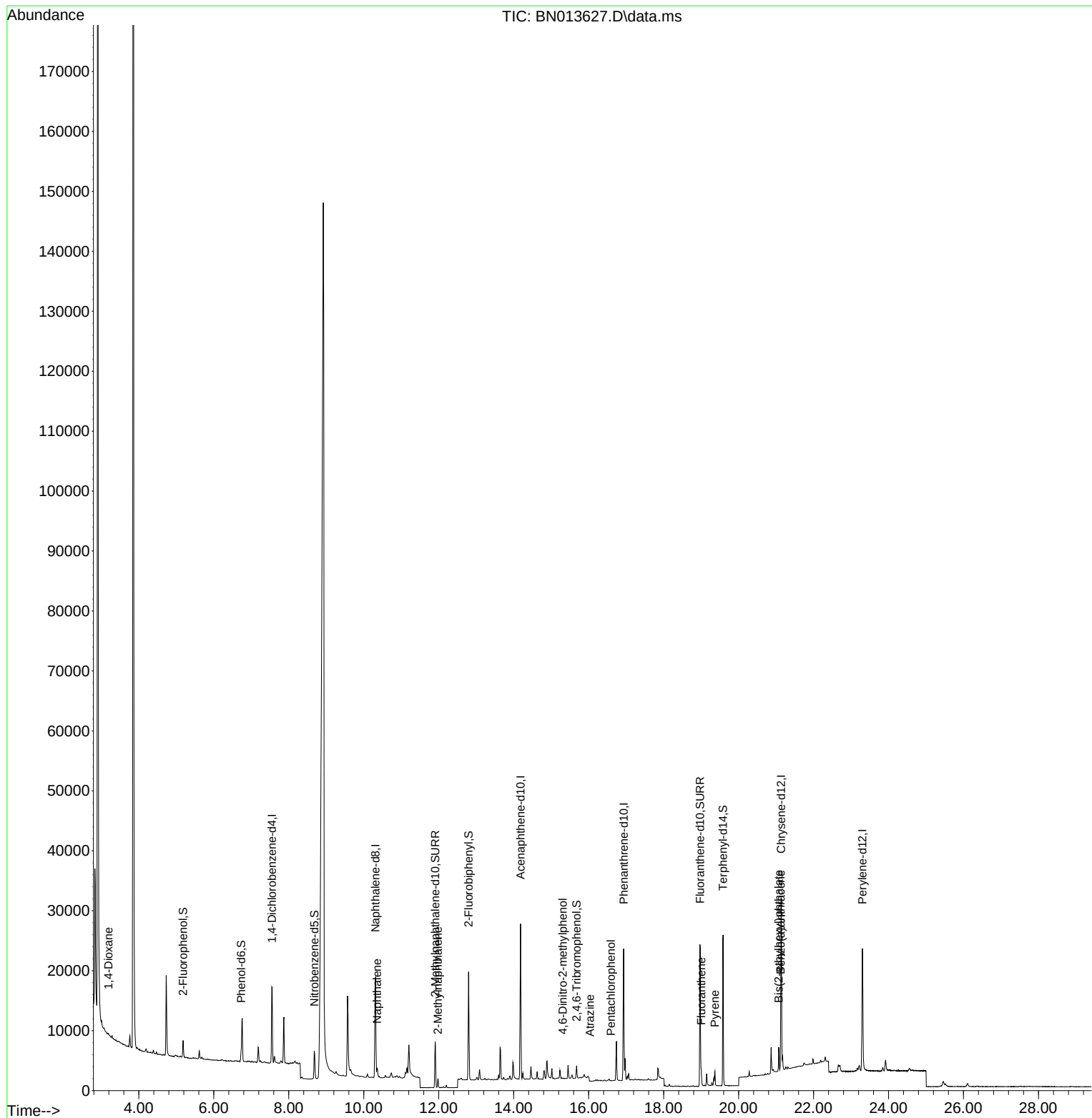
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	6322	0.40	ng	0.00
7) Naphthalene-d8	10.315	136	24932	0.40	ng	# 0.00
13) Acenaphthene-d10	14.181	164	13904	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	28674	0.40	ng	# 0.00
29) Chrysene-d12	21.133	240	28339	0.40	ng	0.00
36) Perylene-d12	23.304	264	26637	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.180	112	2157	0.16	ng	0.00
5) Phenol-d6	6.734	99	1580	0.09	ng	0.00
8) Nitrobenzene-d5	8.680	82	4022	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	11.906	152	10312	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1499	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	14878	0.29	ng	0.00
27) Fluoranthene-d10	18.975	212	27206	0.35	ng	0.00
31) Terphenyl-d14	19.586	244	25579	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	187	0.03	ng	# 18
9) Naphthalene	10.353	128	1962	0.03	ng	# 88
12) 2-Methylnaphthalene	11.982	142	1096	0.03	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.311	198	5	0.15	ng	# 1
23) Atrazine	16.033	200	194	0.02	ng	# 1
24) Pentachlorophenol	16.593	266	34	0.21	ng	89
28) Fluoranthene	19.005	202	2254	0.03	ng	# 96
30) Pyrene	19.367	202	2089	0.02	ng	97
32) Benzo(a)anthracene	21.123	228	1522	0.02	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.070	149	4034	0.18	ng	100

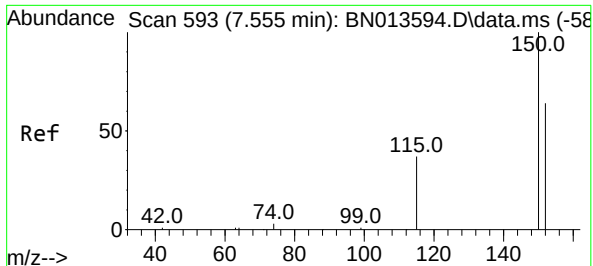
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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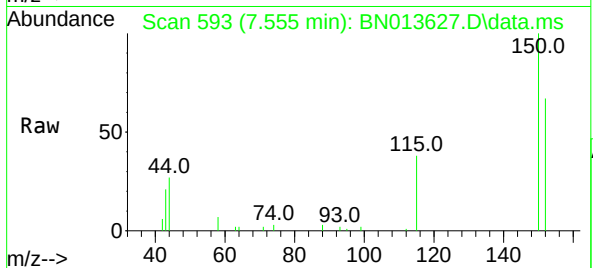
Quant Time: Feb 15 17:52:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
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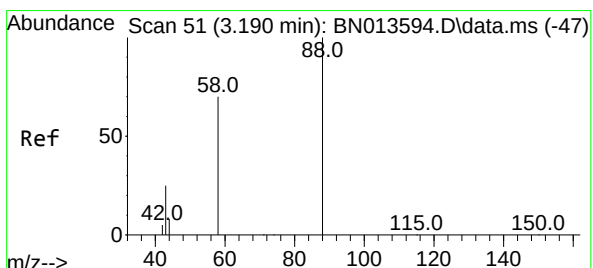
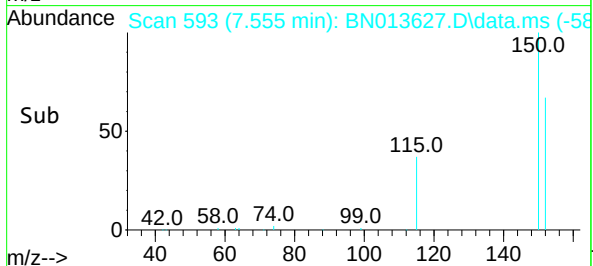
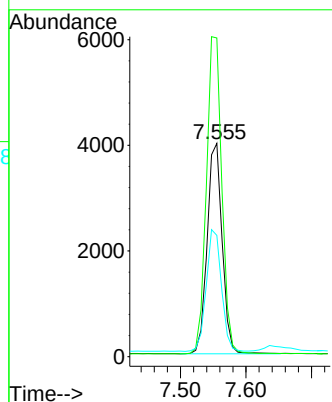
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.555 min Scan# 593
 Delta R.T. 0.000 min
 Lab File: BN013627.D
 Acq: 15 Feb 2021 16:57

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-95-103-021221

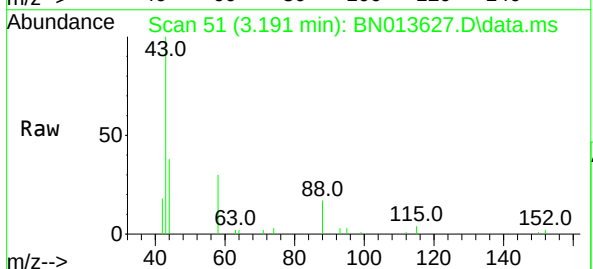


Tgt Ion: 152 Resp: 6322

Ion	Ratio	Lower	Upper
152	100		
150	149.5	121.8	182.8
115	56.9	46.6	69.8

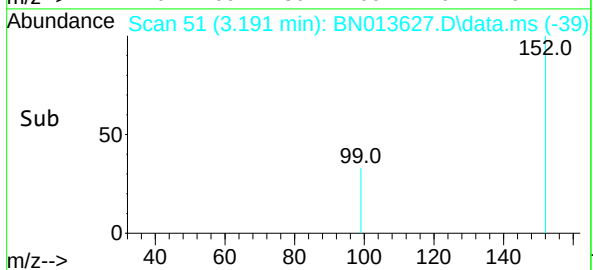
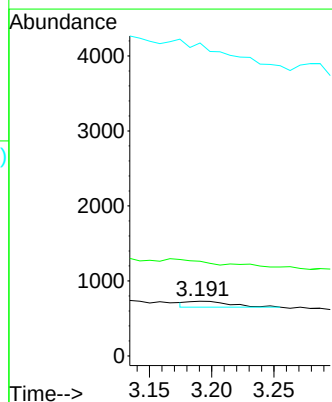


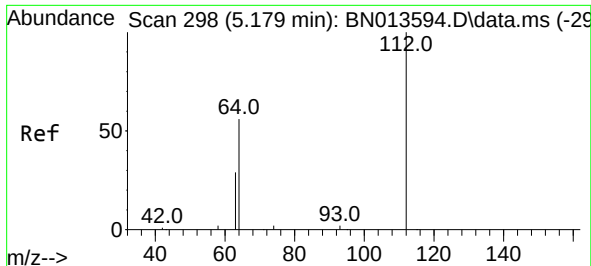
#2
 1,4-Dioxane
 Concen: 0.03 ng
 RT: 3.191 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN013627.D
 Acq: 15 Feb 2021 16:57



Tgt Ion: 88 Resp: 187

Ion	Ratio	Lower	Upper
88	100		
58	0.0	64.6	96.8#
43	0.0	26.6	40.0#

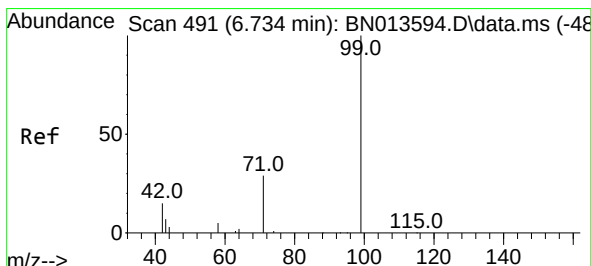
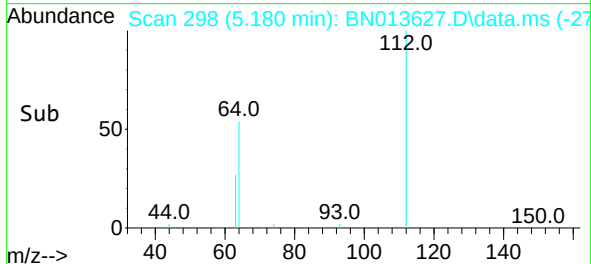
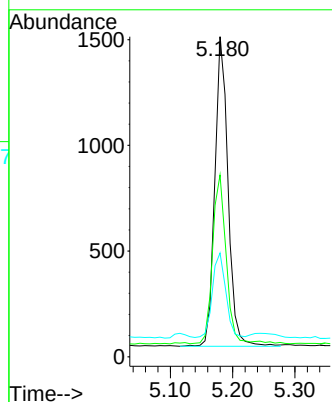
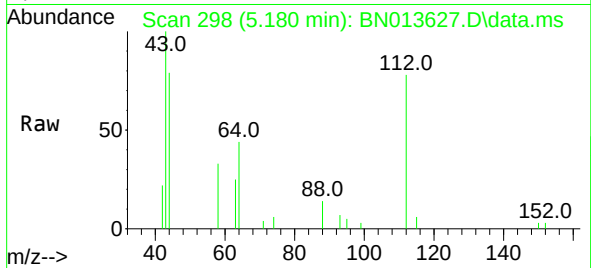




#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.180 min Scan# 298
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

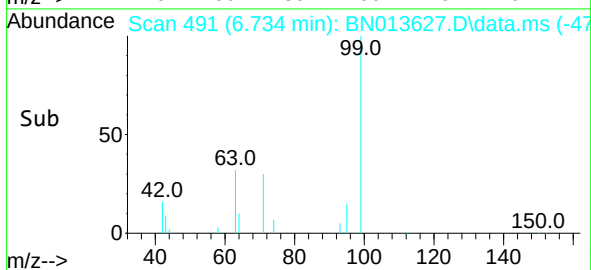
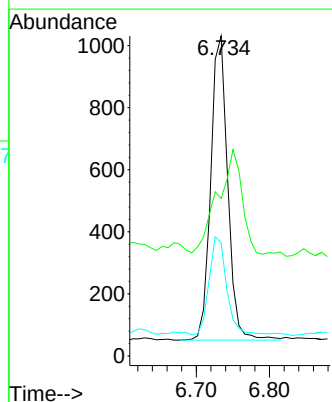
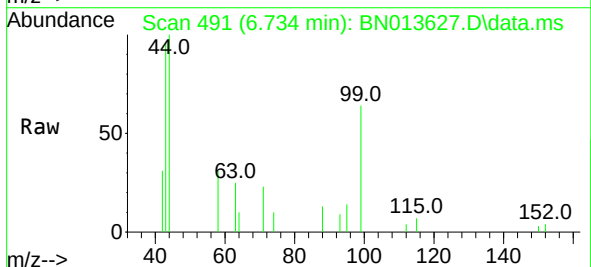
Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221

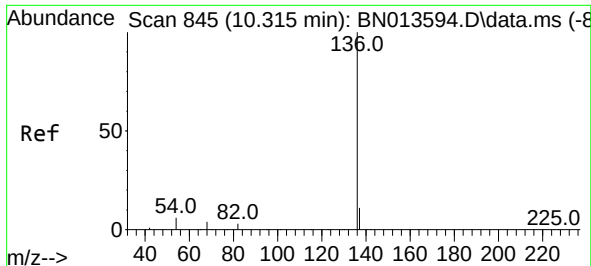
Tgt Ion:112 Resp: 2157
Ion Ratio Lower Upper
112 100
64 56.3 44.3 66.5
63 28.2 23.0 34.6



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.734 min Scan# 491
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

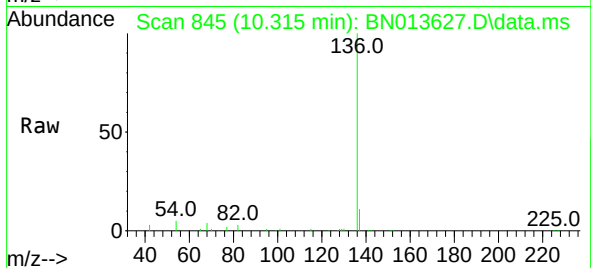
Tgt Ion: 99 Resp: 1580
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 33.4 26.1 39.1



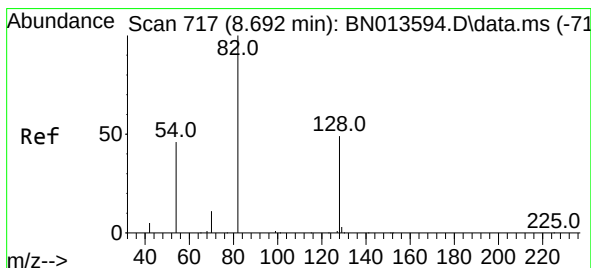
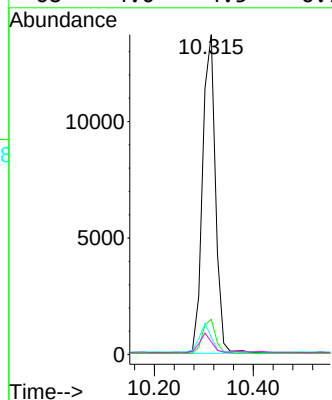


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221

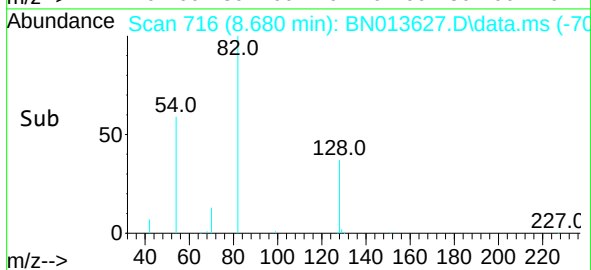
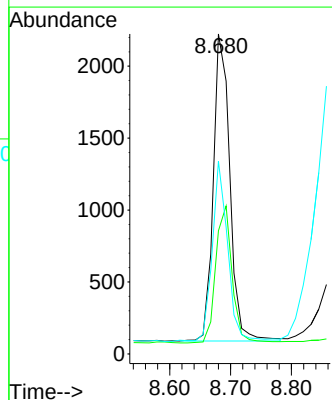
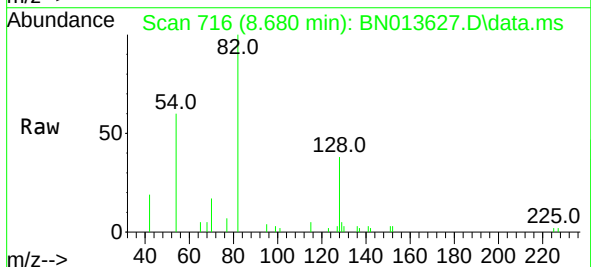


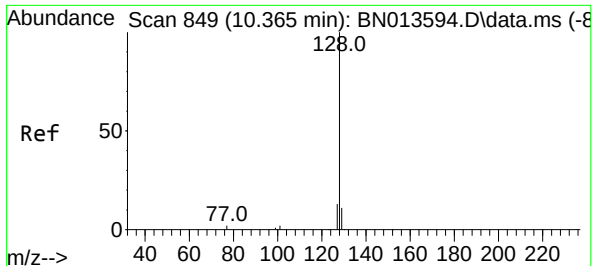
Tgt Ion:	136	Resp:	24932
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	5.5	6.4	9.6#
68	4.0	4.5	6.7#



#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.012 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:	82	Resp:	4022
Ion Ratio	Lower	Upper	
82	100		
128	38.5	39.2	58.8#
54	60.3	40.1	60.1#

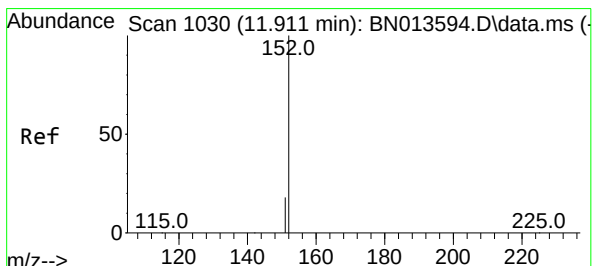
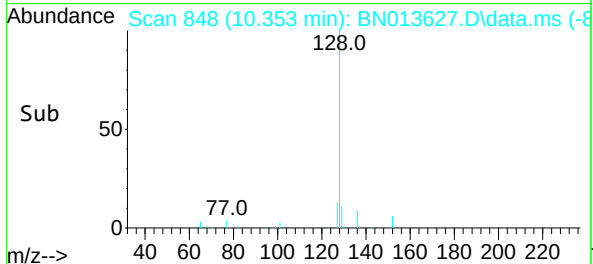
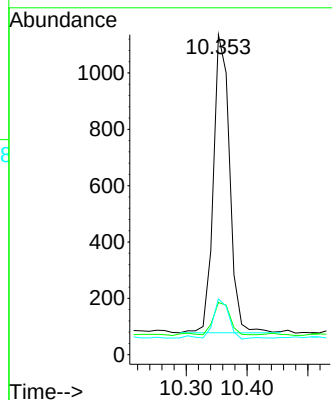
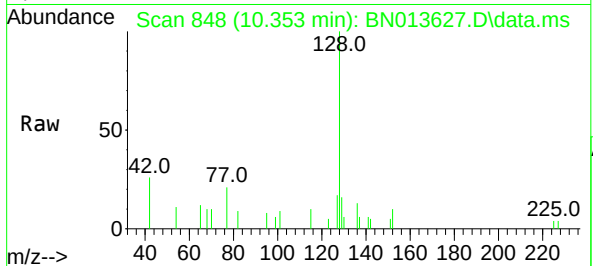




#9
Naphthalene
Concen: 0.03 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.012 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

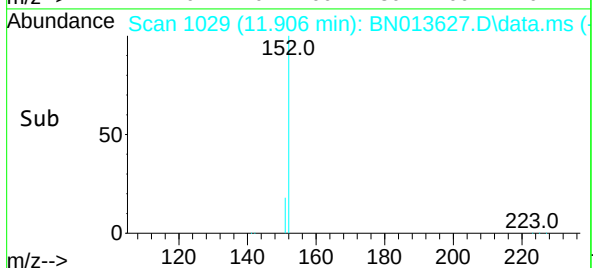
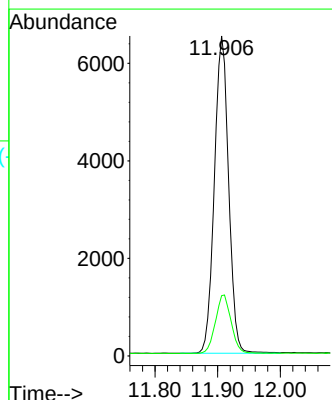
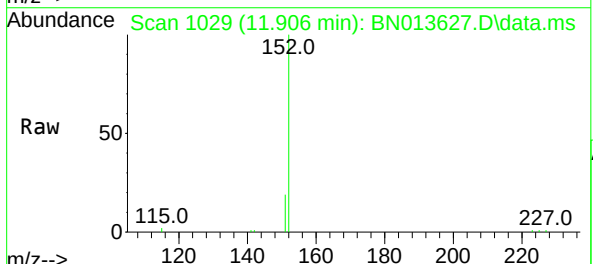
Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221

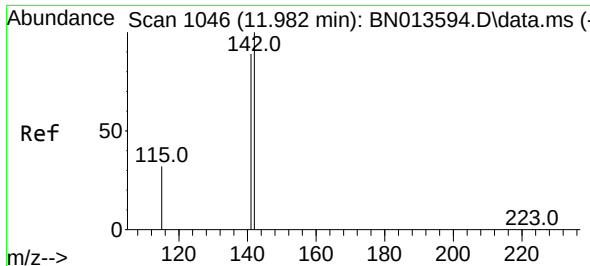
Tgt Ion:128 Resp: 1962
Ion Ratio Lower Upper
128 100
129 16.3 9.0 13.4#
127 17.4 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.906 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:152 Resp: 10312
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

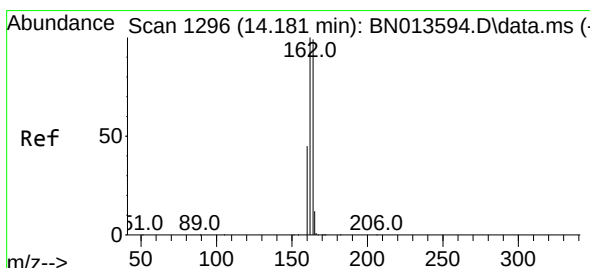
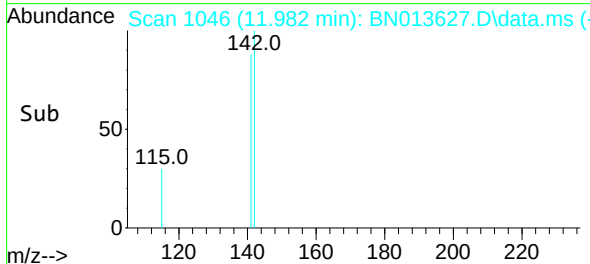
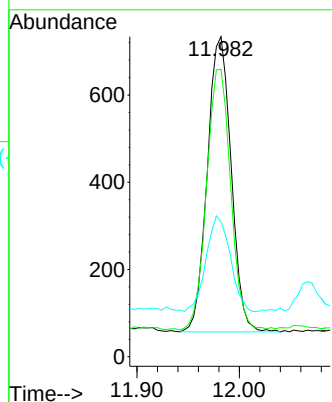
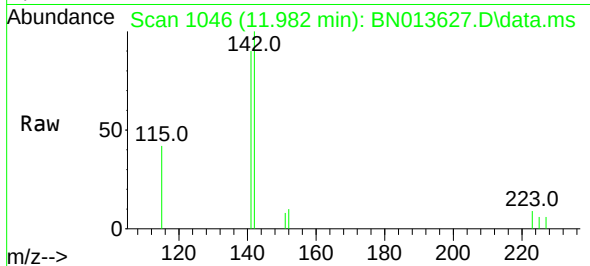




#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 11.982 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

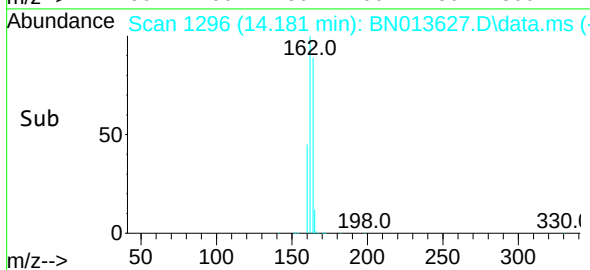
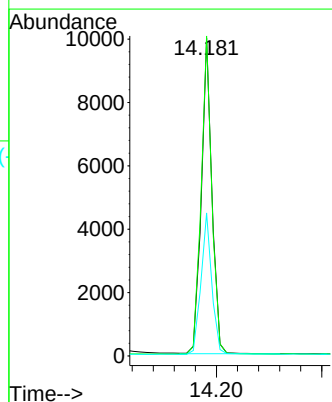
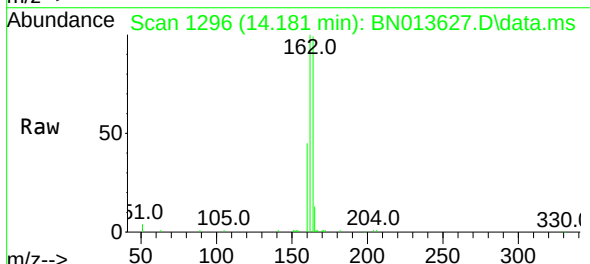
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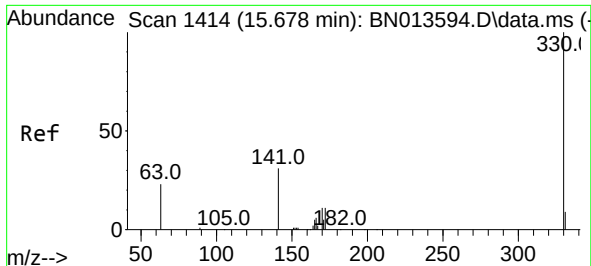
Tgt Ion:142 Resp: 1096
Ion Ratio Lower Upper
142 100
141 89.8 70.5 105.7
115 42.1 27.4 41.0#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:164 Resp: 13904
Ion Ratio Lower Upper
164 100
162 100.6 79.6 119.4
160 45.0 36.0 54.0

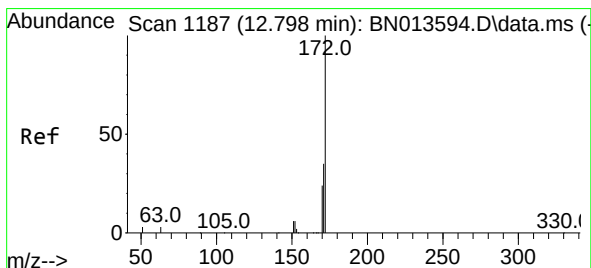
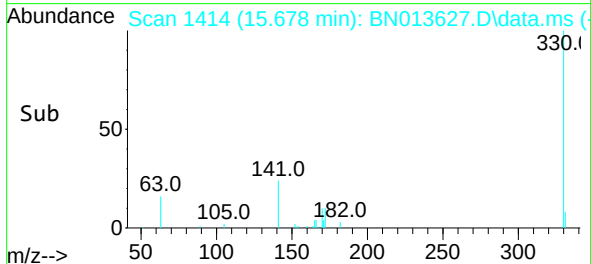
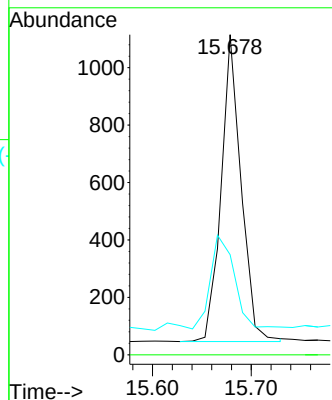
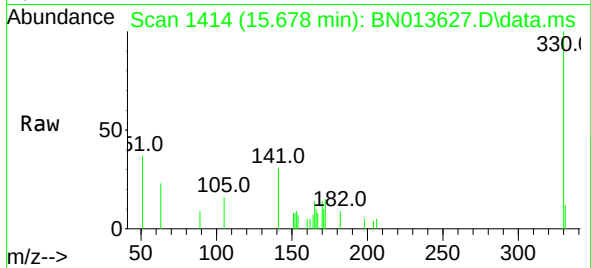




#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.678 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

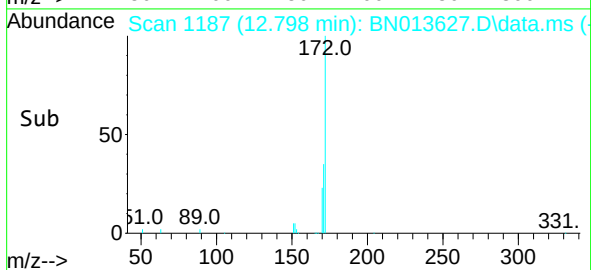
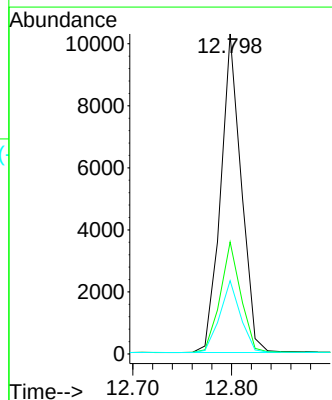
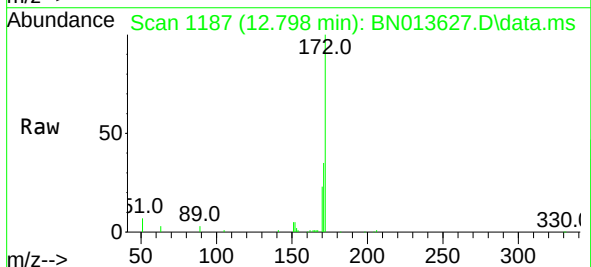
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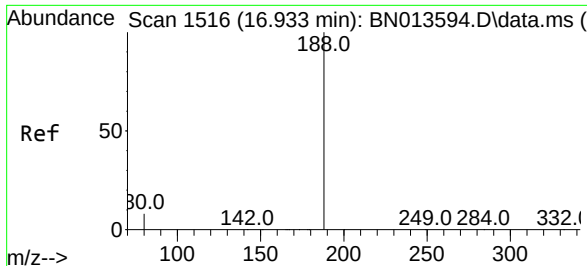
Tgt Ion:330 Resp: 1499
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.2 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.798 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:172 Resp: 14878
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 22.9 18.9 28.3

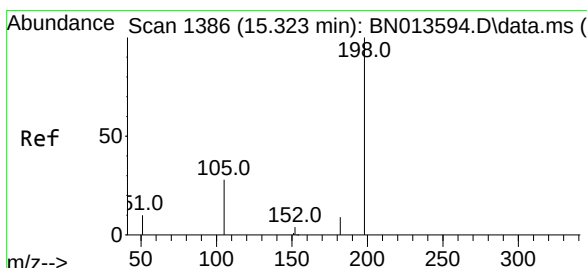
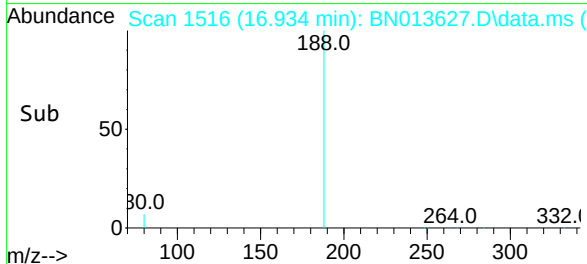
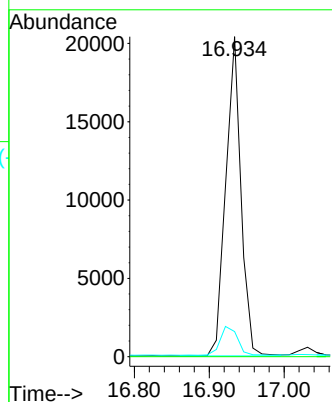
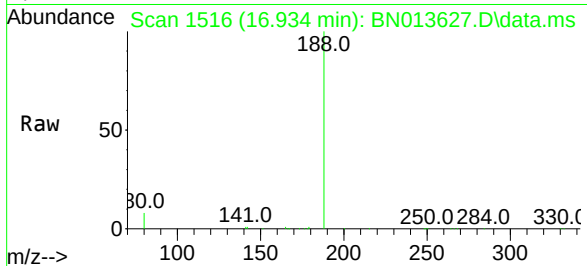




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

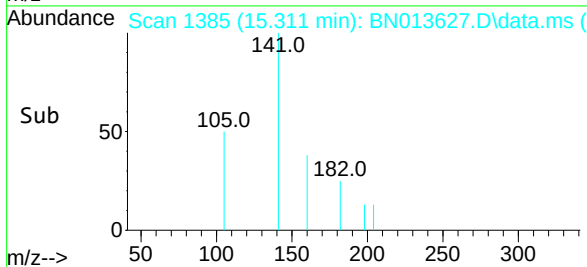
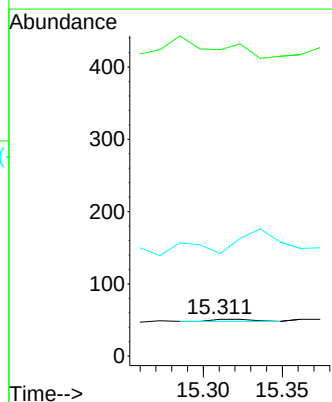
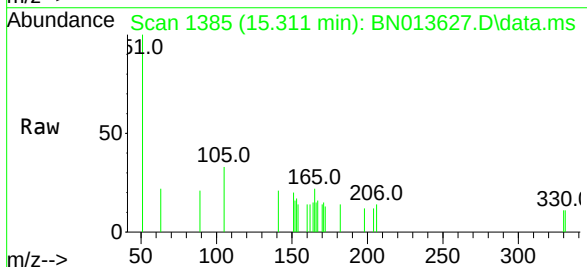
Instrument :
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GWBR2-95-103-021221

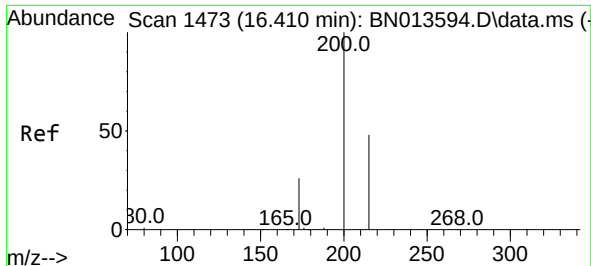
Tgt Ion:188 Resp: 28674
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 9.0 13.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.311 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 831.4 61.7 92.5#
105 278.4 33.0 49.6#

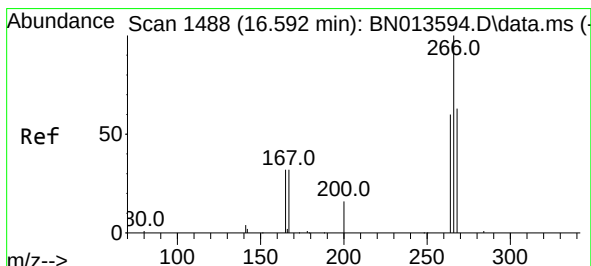
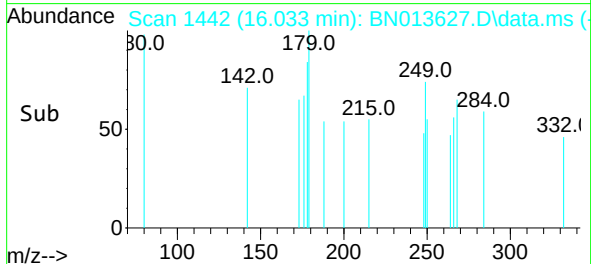
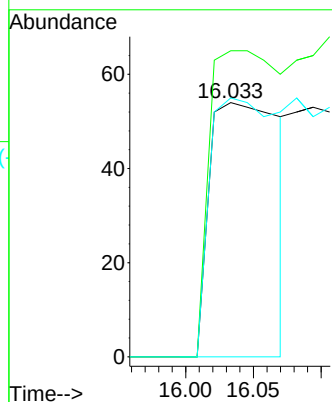
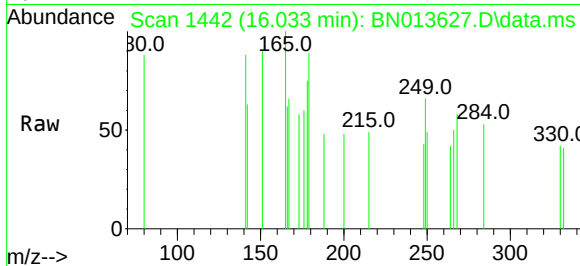




#23
Atrazine
Concen: 0.02 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.377 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

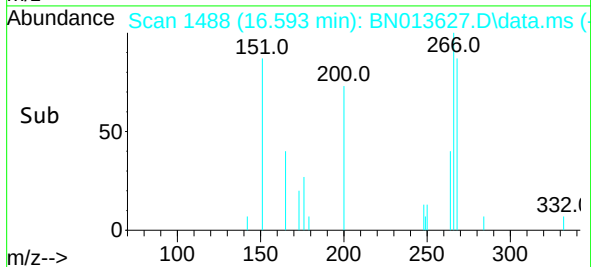
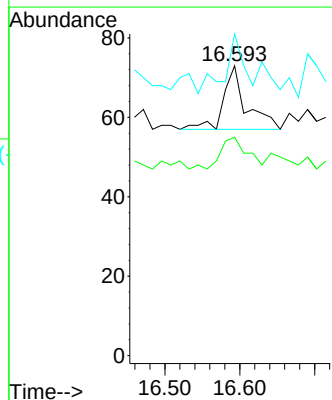
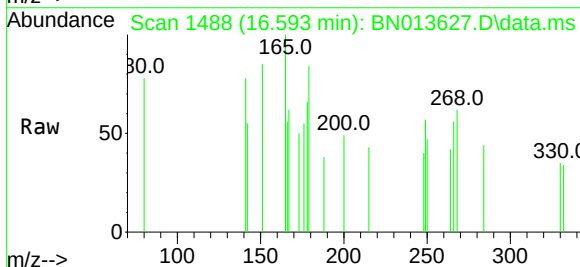
Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221

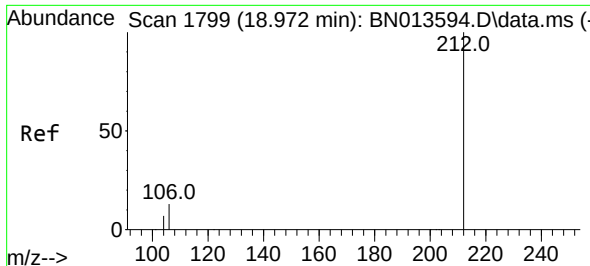
Tgt Ion:200 Resp: 194
Ion Ratio Lower Upper
200 100
173 120.4 18.6 28.0#
215 101.9 41.0 61.6#



#24
Pentachlorophenol
Concen: 0.21 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.001 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
264 55.9 51.6 77.4
268 76.5 54.6 82.0

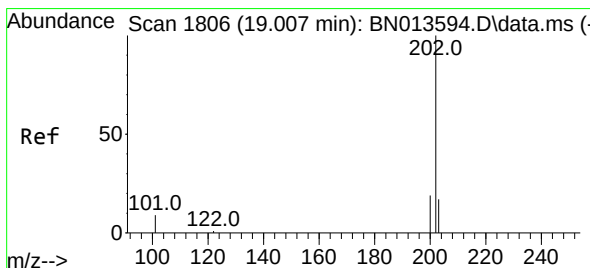
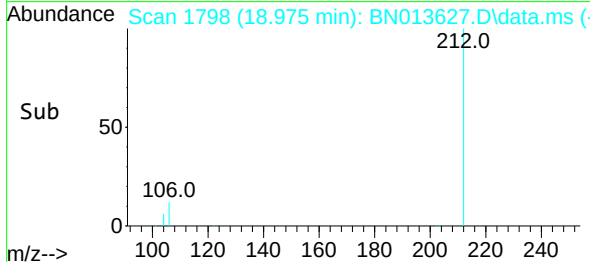
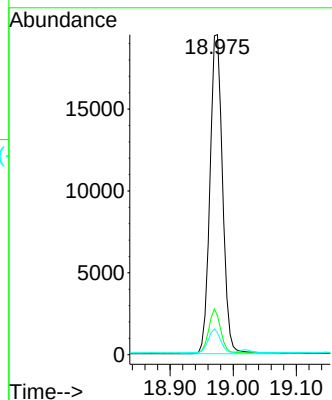
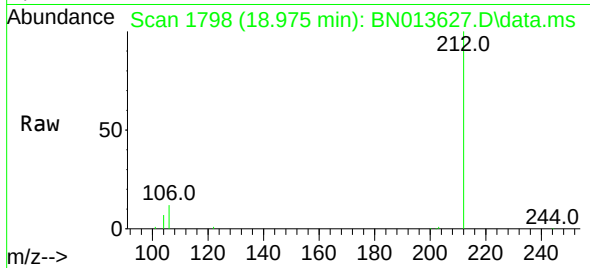




#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

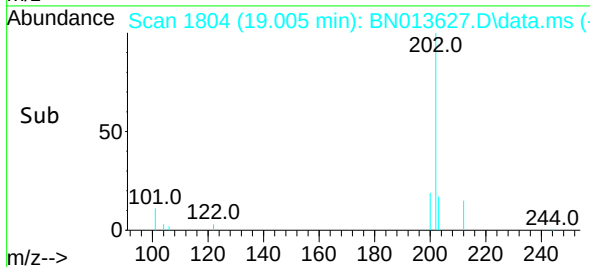
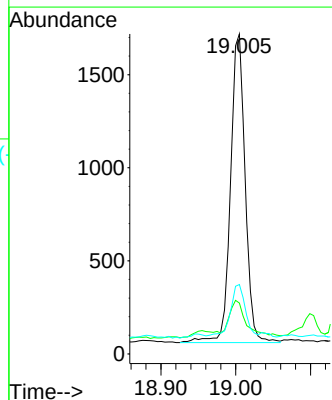
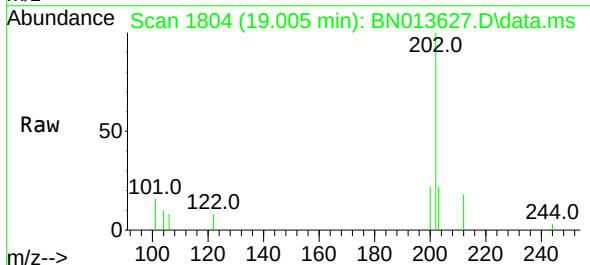
Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221

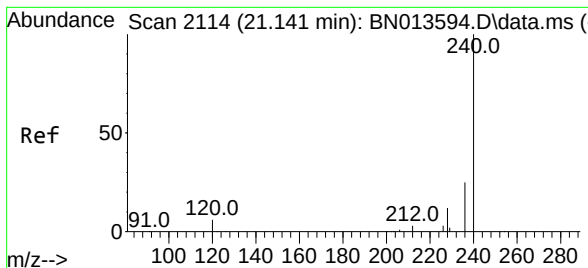
Tgt Ion:212 Resp: 27206
Ion Ratio Lower Upper
212 100
106 13.1 9.7 14.5
104 7.2 5.5 8.3



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.005 min Scan# 1804
Delta R.T. -0.002 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:202 Resp: 2254
Ion Ratio Lower Upper
202 100
101 12.2 8.1 12.1#
203 16.2 13.9 20.9





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.133 min Scan# 2112

Delta R.T. -0.008 min

Lab File: BN013627.D

Acq: 15 Feb 2021 16:57

Tgt Ion:240 Resp: 28339

Ion Ratio Lower Upper

240 100

120 14.5 10.2 15.4

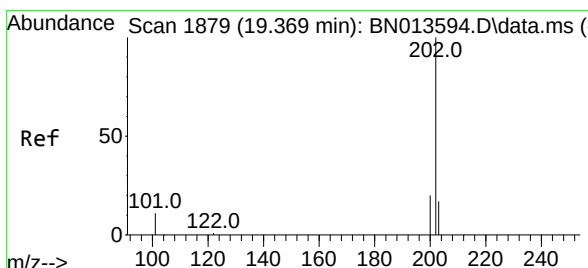
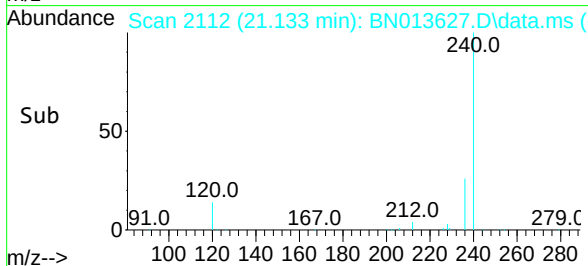
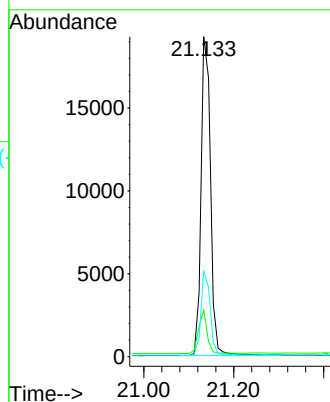
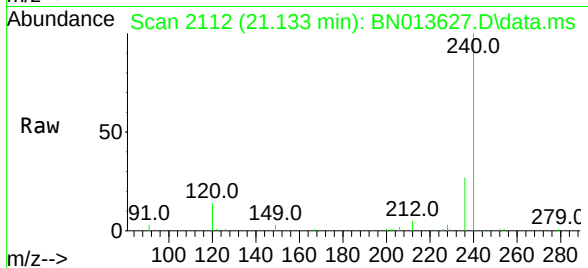
236 26.6 21.3 31.9

Instrument :

BNA_N

ClientSampleId :

GWBR2-95-103-021221



#30

Pyrene

Concen: 0.02 ng

RT: 19.367 min Scan# 1877

Delta R.T. -0.002 min

Lab File: BN013627.D

Acq: 15 Feb 2021 16:57

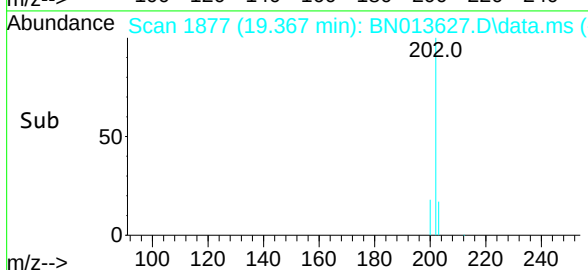
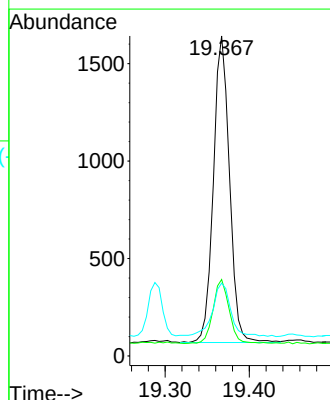
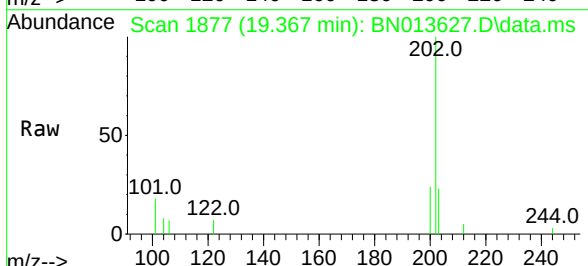
Tgt Ion:202 Resp: 2089

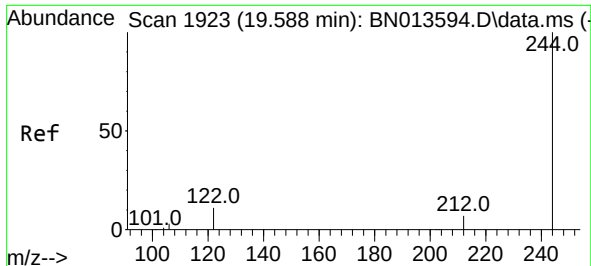
Ion Ratio Lower Upper

202 100

200 21.0 16.3 24.5

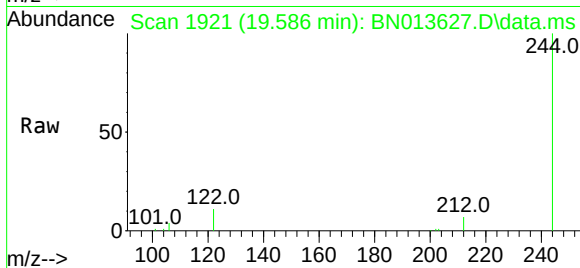
203 19.9 14.0 21.0



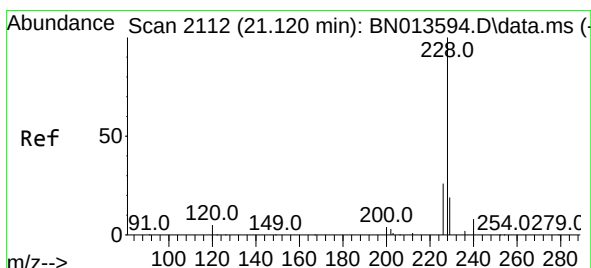
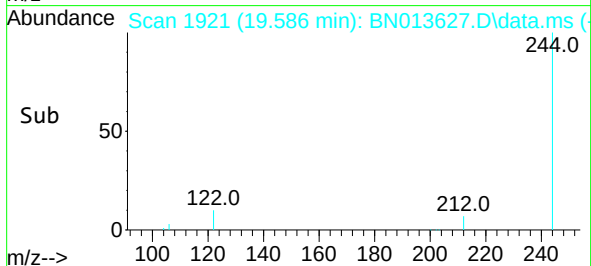
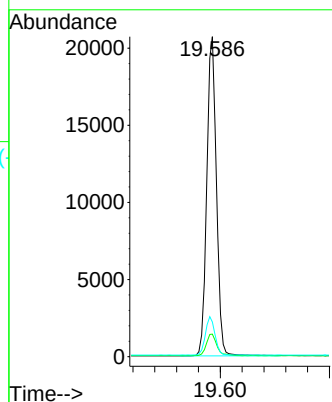


#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.586 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Instrument :
BNA_N
ClientSampleId :
GWBR2-95-103-021221

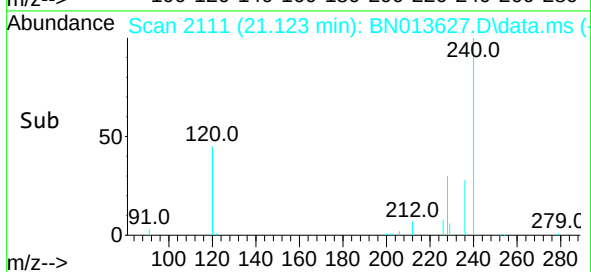
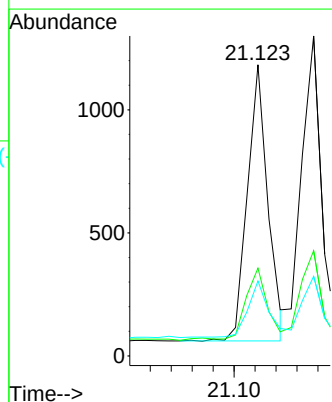
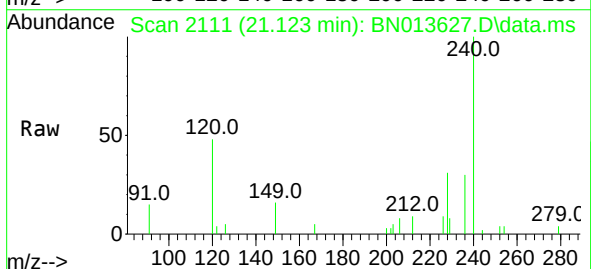


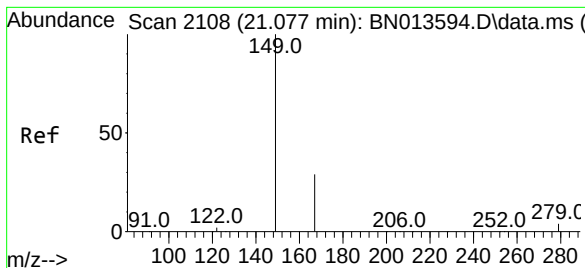
Tgt Ion:244 Resp: 25579
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 10.8 9.8 14.8



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.123 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BN013627.D
Acq: 15 Feb 2021 16:57

Tgt Ion:228 Resp: 1522
Ion Ratio Lower Upper
228 100
226 30.2 20.5 30.7
229 25.8 16.2 24.4#

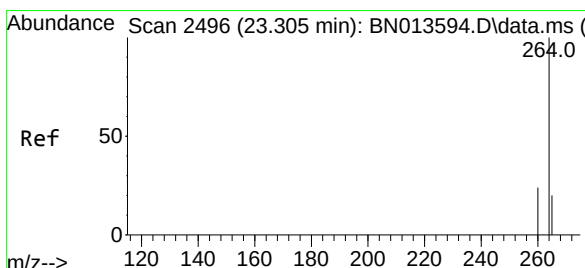
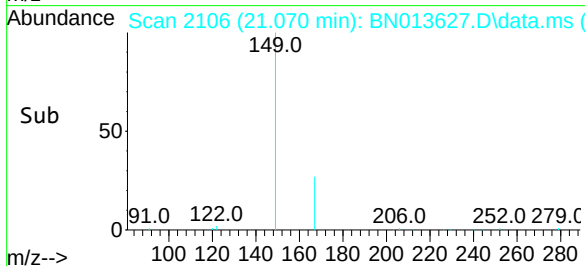
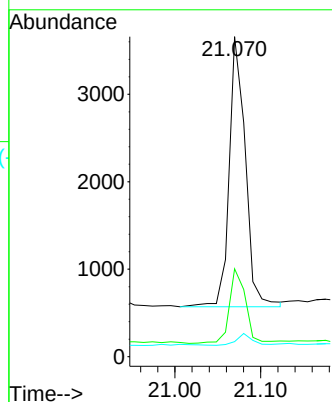
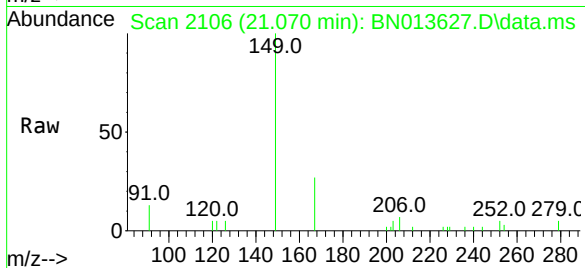




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 21.070 min Scan# 2106
 Delta R.T. -0.008 min
 Lab File: BN013627.D
 Acq: 15 Feb 2021 16:57

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-95-103-021221

Tgt Ion:149 Resp: 4034
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.1 33.1
 279 4.3 3.5 5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.304 min Scan# 2494
 Delta R.T. -0.000 min
 Lab File: BN013627.D
 Acq: 15 Feb 2021 16:57

Tgt Ion:264 Resp: 26637
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 32.1 66.2 99.4#

