

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021521\
 Data File : BN013626.D
 Acq On : 15 Feb 2021 16:21
 Operator : CG/JU
 Sample : M1413-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-SC-93-021121-FD

Quant Time: Feb 15 17:02:34 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)

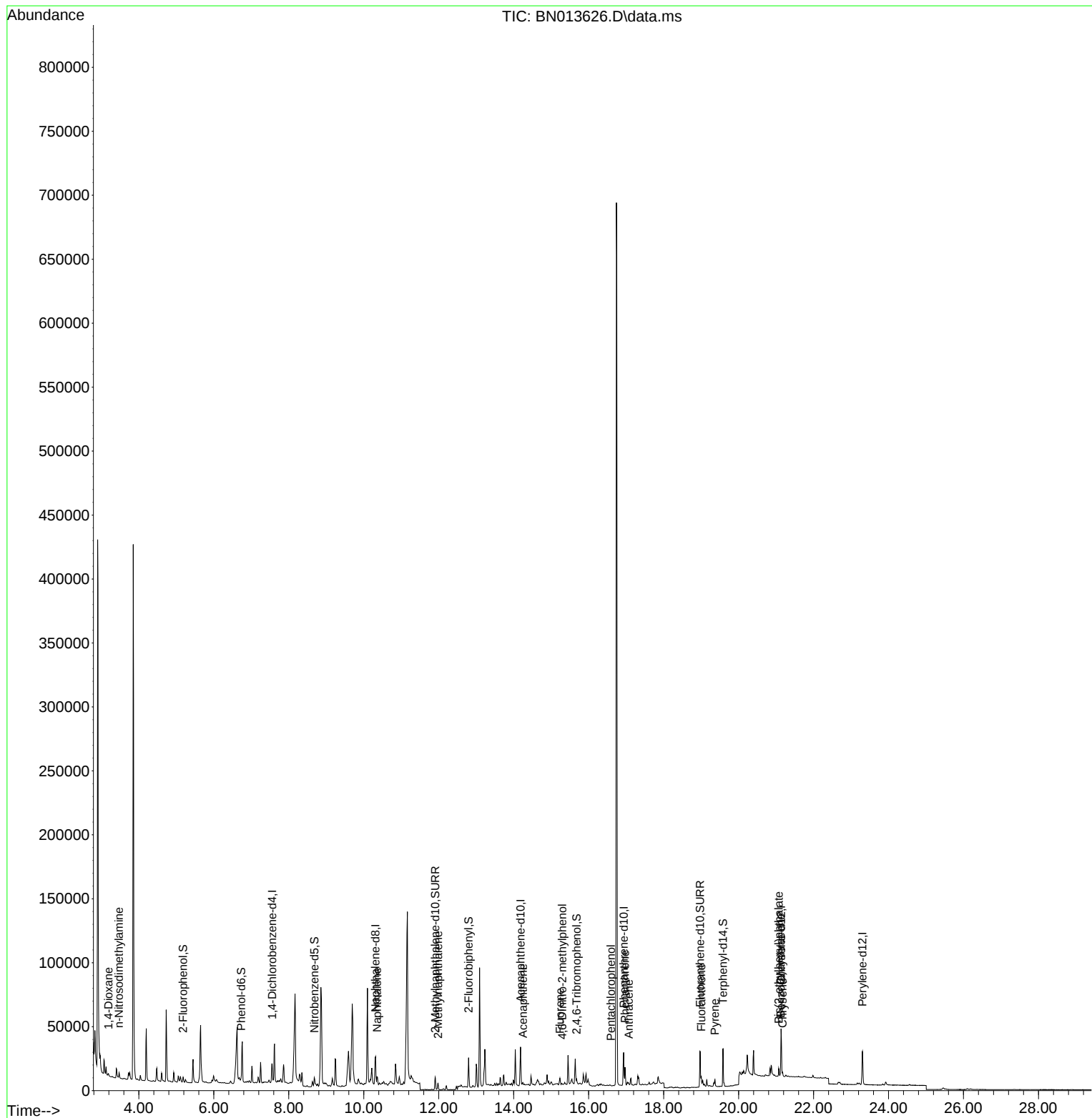
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	7200	0.40	ng	0.00
7) Naphthalene-d8	10.315	136	28481	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	16805	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	34129	0.40	ng	# 0.00
29) Chrysene-d12	21.133	240	34628	0.40	ng	0.00
36) Perylene-d12	23.304	264	33101	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.179	112	2863	0.18	ng	0.00
5) Phenol-d6	6.734	99	2305	0.12	ng	0.00
8) Nitrobenzene-d5	8.680	82	6141	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.906	152	13053	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	2676	0.56	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	19099	0.30	ng	0.00
27) Fluoranthene-d10	18.975	212	32802	0.36	ng	0.00
31) Terphenyl-d14	19.585	244	30237	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	1350	0.17	ng	# 30
3) n-Nitrosodimethylamine	3.472	42	490	0.08	ng	# 1
9) Naphthalene	10.353	128	9114	0.13	ng	96
12) 2-Methylnaphthalene	11.982	142	3764	0.08	ng	# 94
17) Acenaphthene	14.245	154	1064	0.02	ng	# 92
18) Fluorene	15.234	166	2463	0.04	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.298	198	187	0.19	ng	# 1
24) Pentachlorophenol	16.593	266	282	0.25	ng	# 76
25) Phenanthrene	16.970	178	13452	0.14	ng	98
26) Anthracene	17.067	178	2228	0.03	ng	# 82
28) Fluoranthene	19.005	202	5631	0.06	ng	# 91
30) Pyrene	19.367	202	5204	0.05	ng	# 93
32) Benzo(a)anthracene	21.122	228	2487	0.03	ng	# 74
33) Chrysene	21.175	228	2399	0.02	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.069	149	5929	0.22	ng	# 97

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

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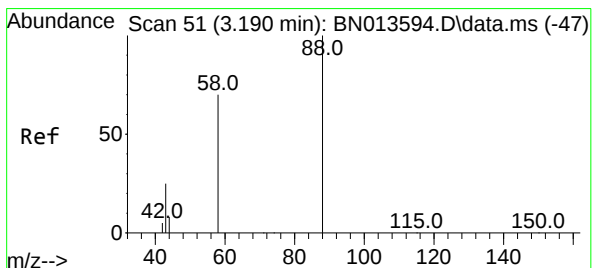
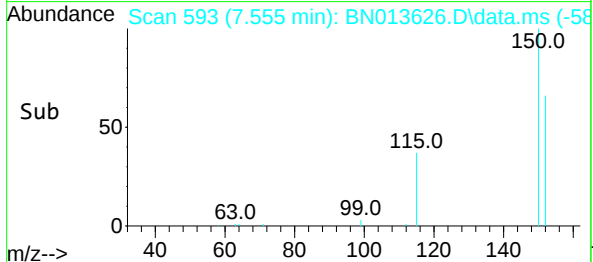
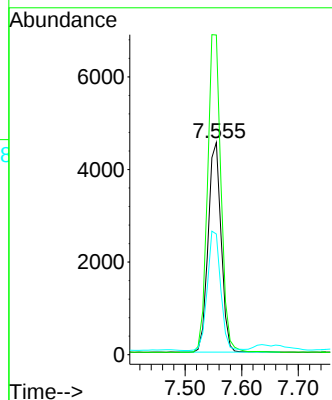
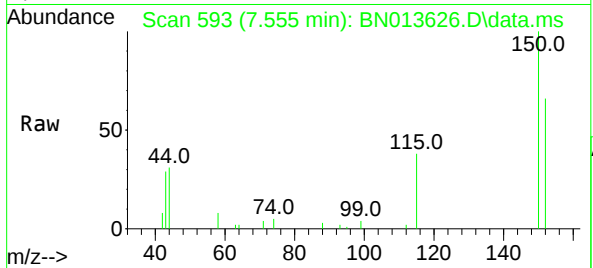




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.555 min Scan# 593
 Delta R.T. 0.000 min
 Lab File: BN013626.D
 Acq: 15 Feb 2021 16:21

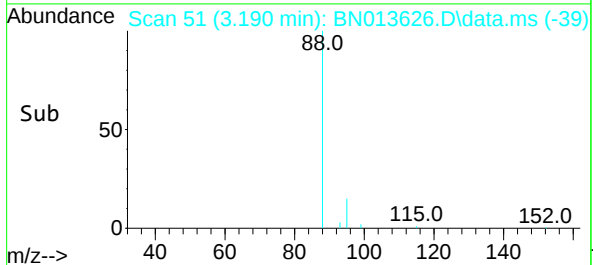
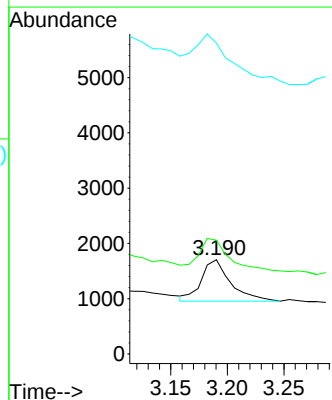
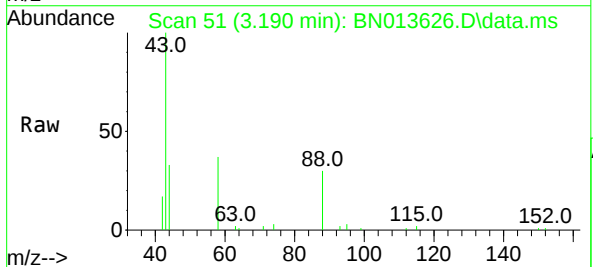
Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-SC-93-021121-FD

Tgt Ion:152 Resp: 7200
 Ion Ratio Lower Upper
 152 100
 150 150.7 121.8 182.8
 115 56.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.17 ng
 RT: 3.190 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BN013626.D
 Acq: 15 Feb 2021 16:21

Tgt Ion: 88 Resp: 1350
 Ion Ratio Lower Upper
 88 100
 58 83.7 64.6 96.8
 43 164.0 26.6 40.0#

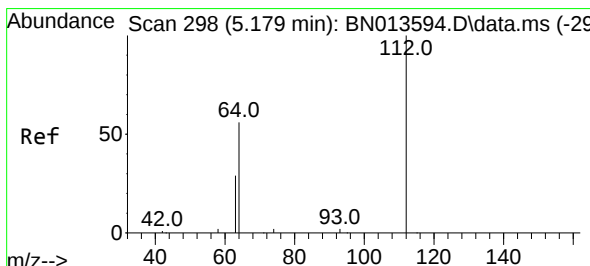
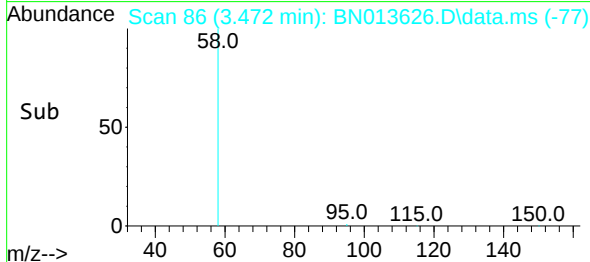
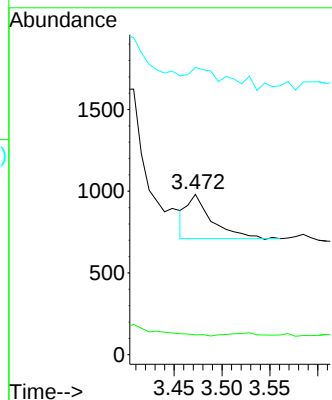
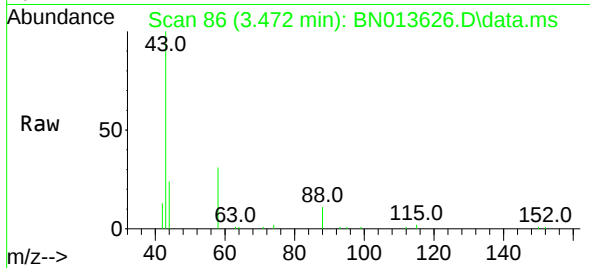




#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.472 min Scan# 86
Delta R.T. -0.024 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

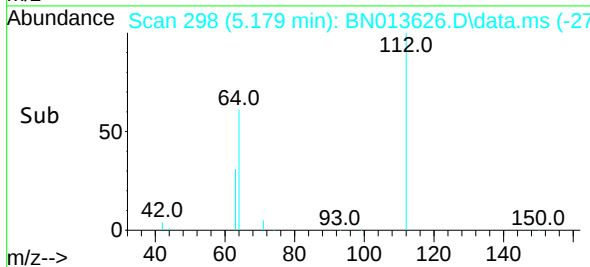
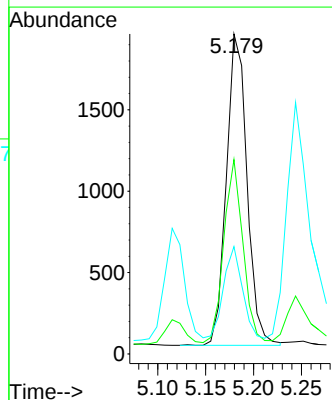
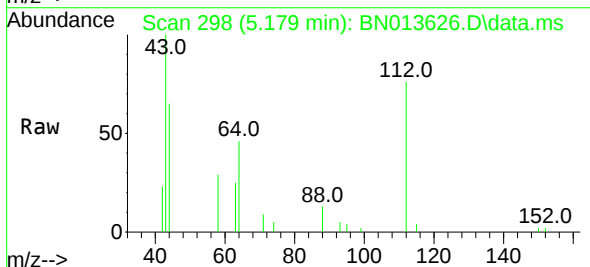
Instrument :
BNA_N
ClientSampleId :
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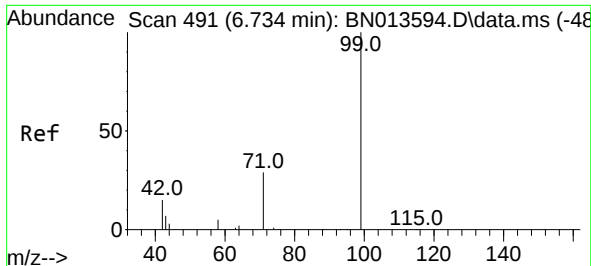
Tgt Ion: 42 Resp: 490
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 60.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.179 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

Tgt Ion: 112 Resp: 2863
Ion Ratio Lower Upper
112 100
64 55.9 44.3 66.5
63 28.1 23.0 34.6

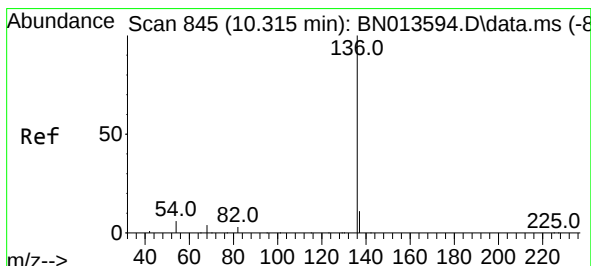
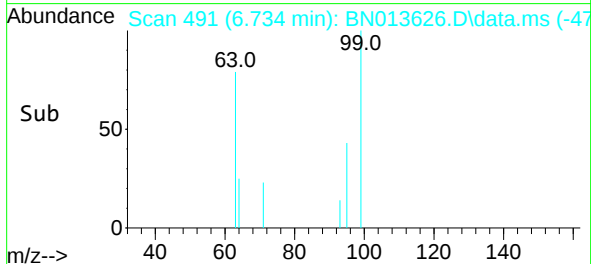
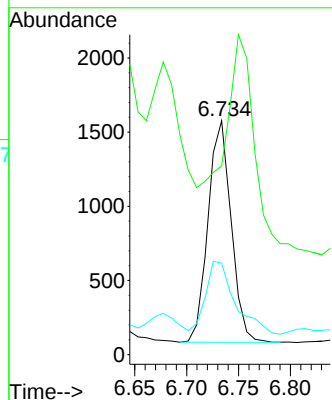
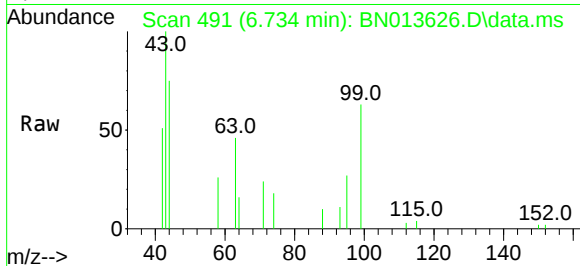




#5
Phenol-d6
Concen: 0.12 ng
RT: 6.734 min Scan# 491
Delta R.T. -0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

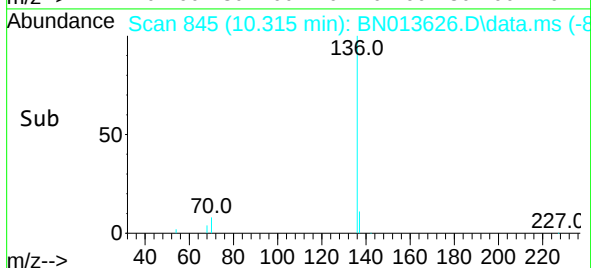
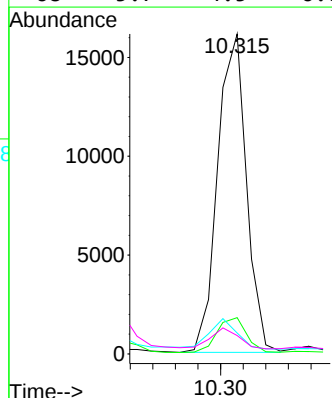
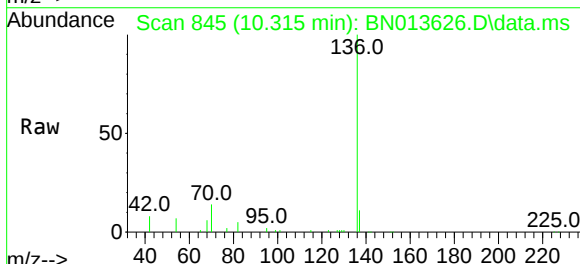
Instrument :
BNA_N
ClientSampleId :
GWBR2-SC-93-021121-FD

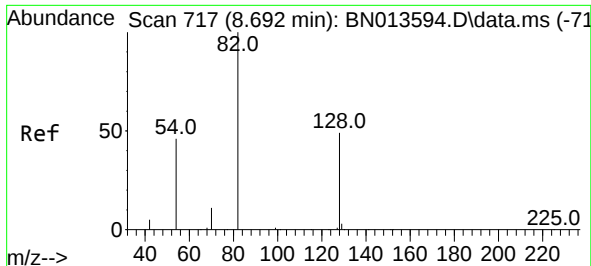
Tgt Ion: 99 Resp: 2305
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 42.2 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

Tgt Ion: 136 Resp: 28481
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 6.6 6.4 9.6
68 5.7 4.5 6.7

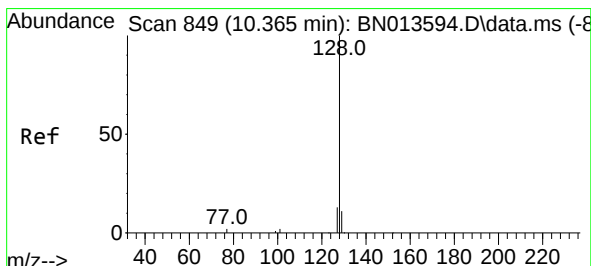
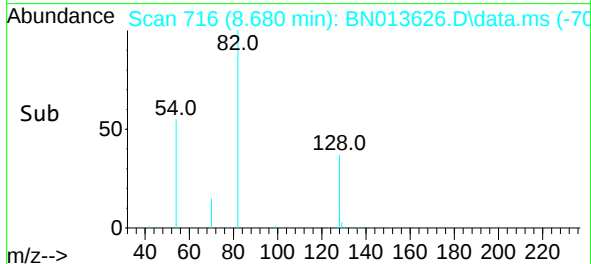
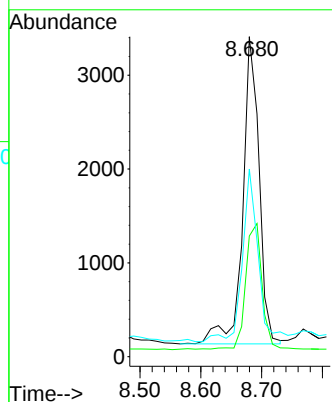
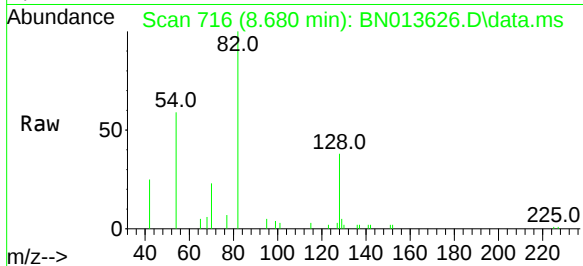




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.013 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

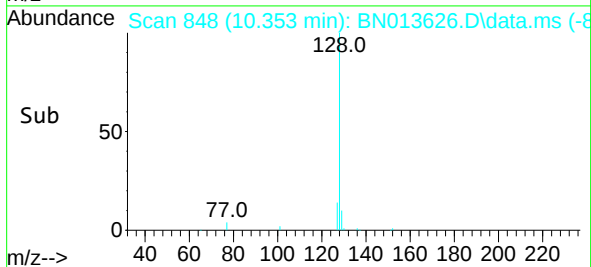
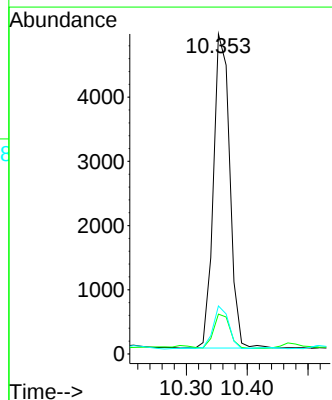
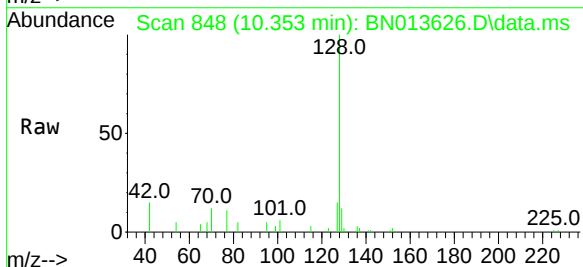
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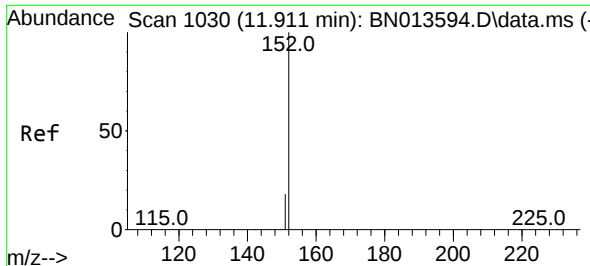
Tgt Ion: 82 Resp: 6141
Ion Ratio Lower Upper
82 100
128 37.7 39.2 58.8#
54 58.6 40.1 60.1



#9
Naphthalene
Concen: 0.13 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.013 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

Tgt Ion: 128 Resp: 9114
Ion Ratio Lower Upper
128 100
129 12.4 9.0 13.4
127 15.0 10.4 15.6

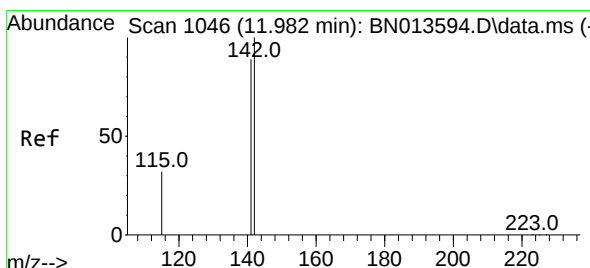
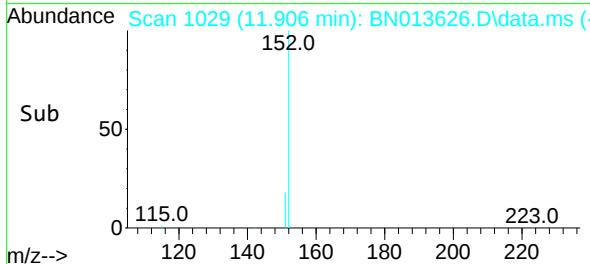
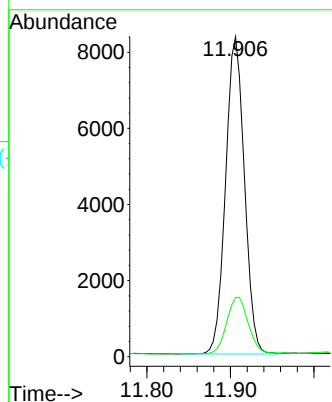
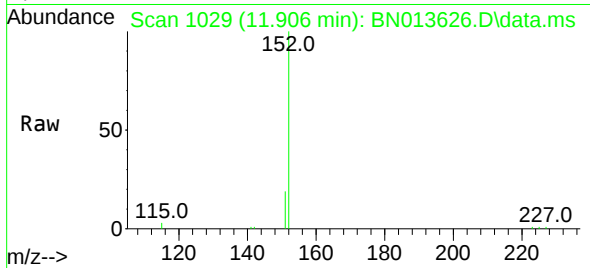




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.906 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

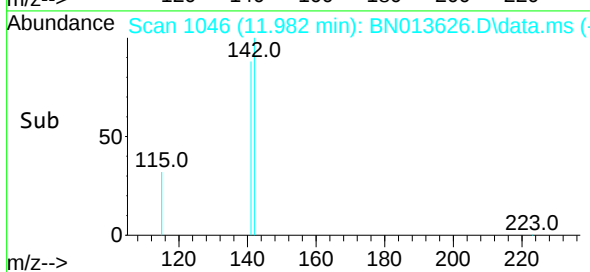
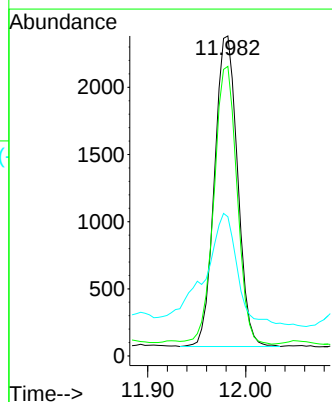
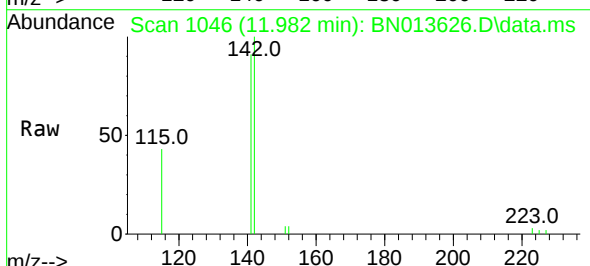
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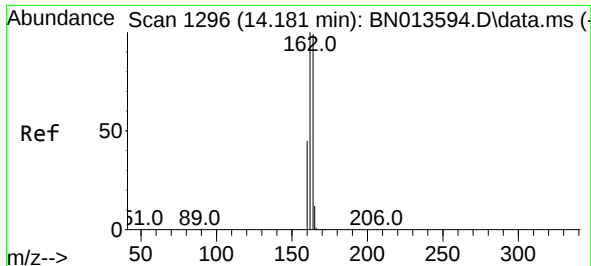
Tgt Ion:152 Resp: 13053
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.08 ng
RT: 11.982 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

Tgt Ion:142 Resp: 3764
Ion Ratio Lower Upper
142 100
141 90.5 70.5 105.7
115 43.5 27.4 41.0#

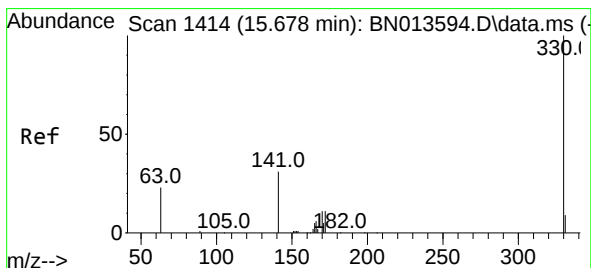
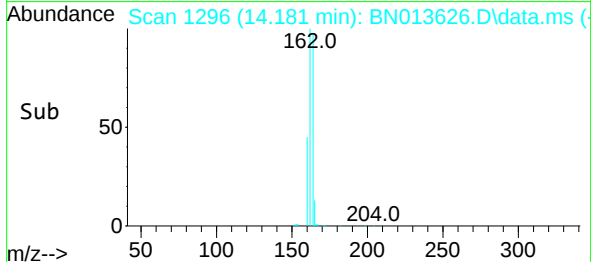
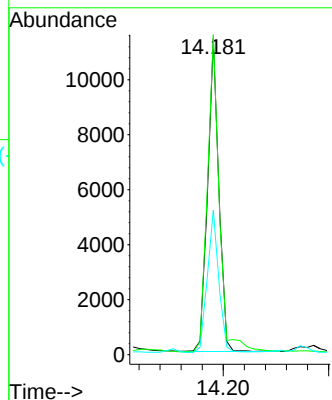
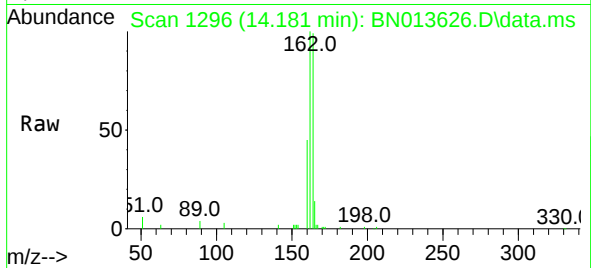




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

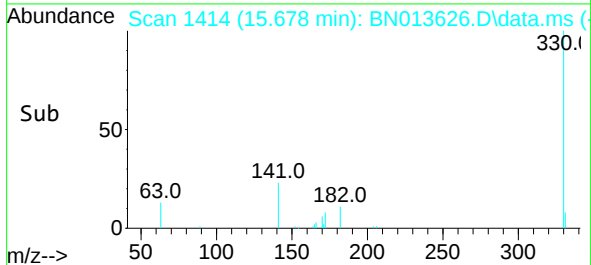
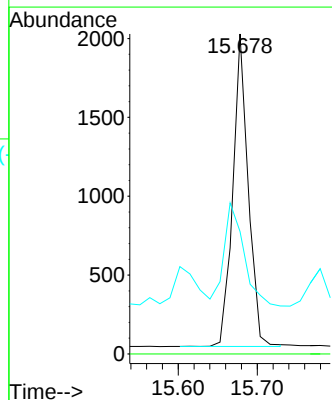
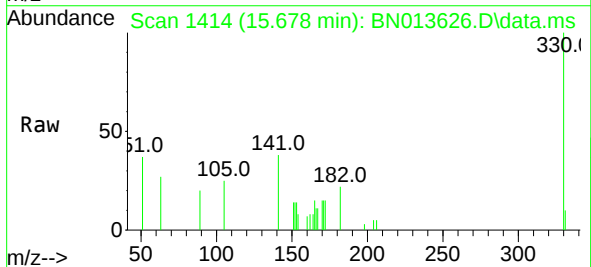
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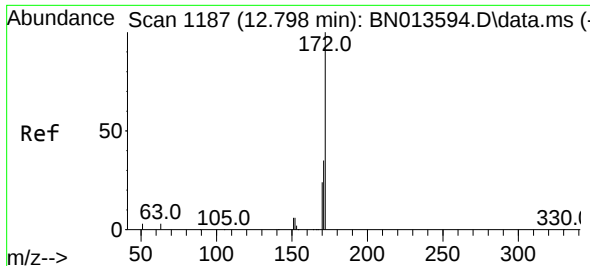
Tgt Ion:164 Resp: 16805
Ion Ratio Lower Upper
164 100
162 101.2 79.6 119.4
160 45.7 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.56 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

Tgt Ion:330 Resp: 2676
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.6 26.8 40.2#

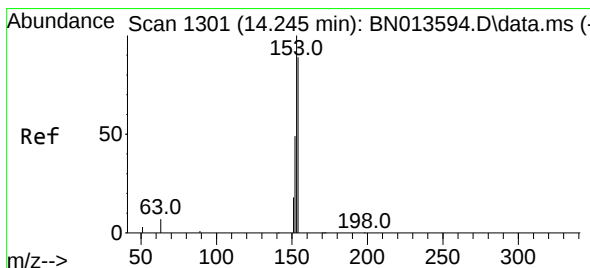
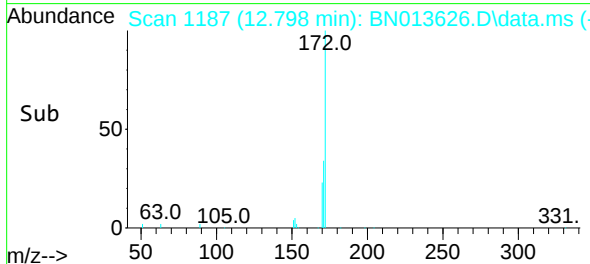
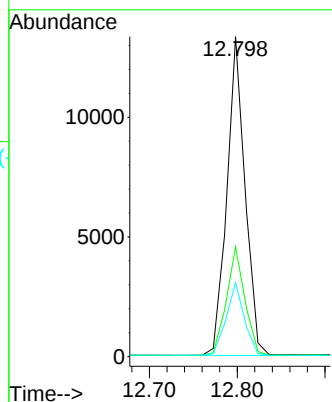
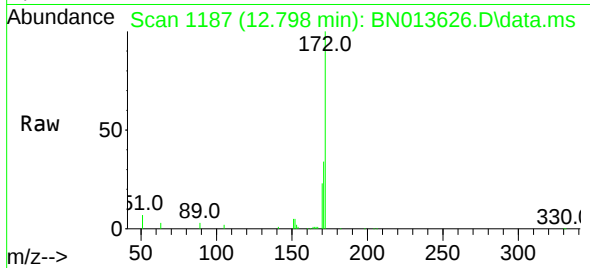




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

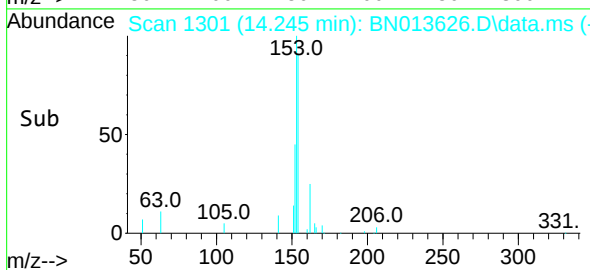
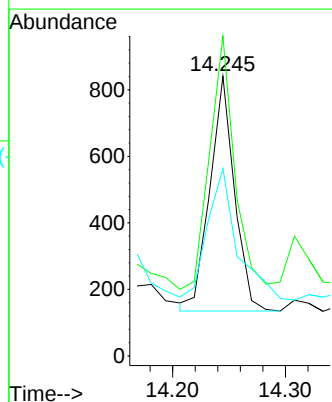
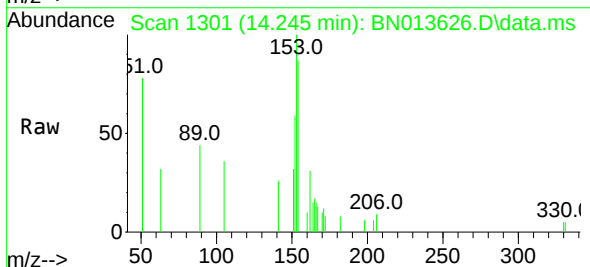
Instrument :
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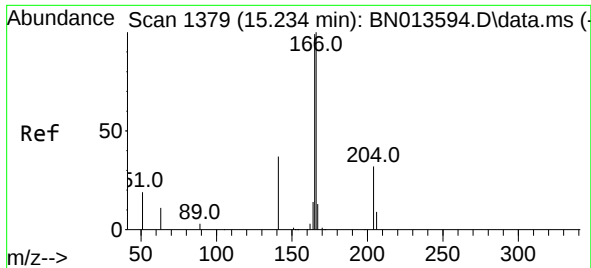
Tgt Ion:	172	Resp:	19099
Ion Ratio	Lower	Upper	
172	100		
171	34.4	28.6	42.8
170	23.1	18.9	28.3



#17
Acenaphthene
Concen: 0.02 ng
RT: 14.245 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

Tgt Ion:	154	Resp:	1064
Ion Ratio	Lower	Upper	
154	100		
153	108.7	88.4	132.6
152	68.5	43.0	64.4

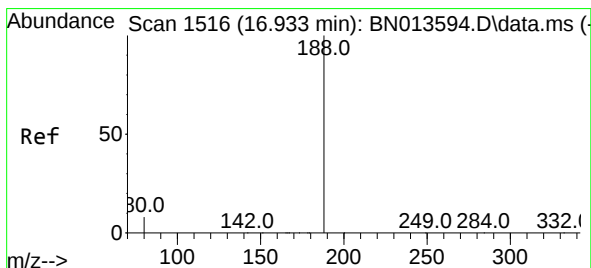
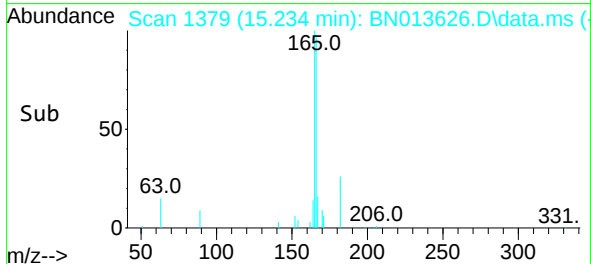
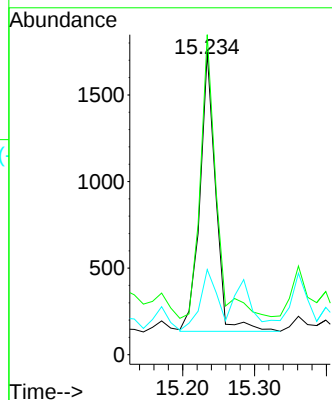
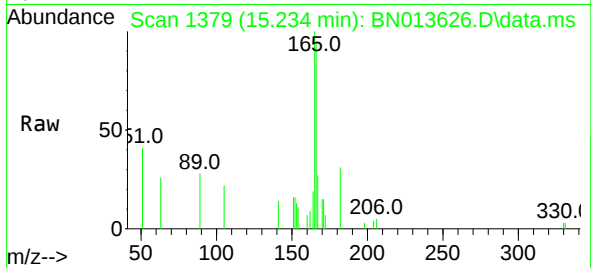




#18
Fluorene
Concen: 0.04 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

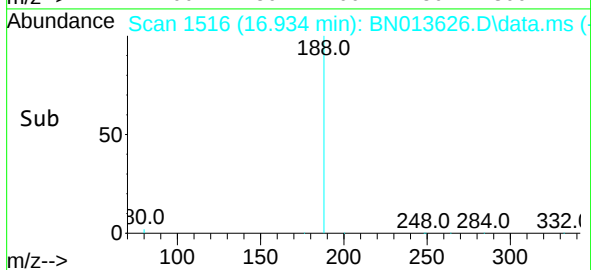
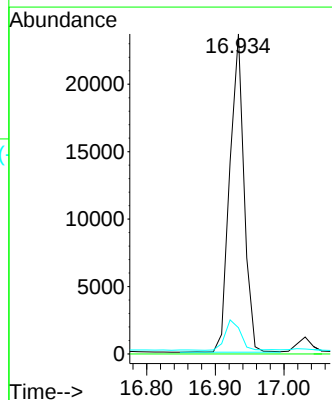
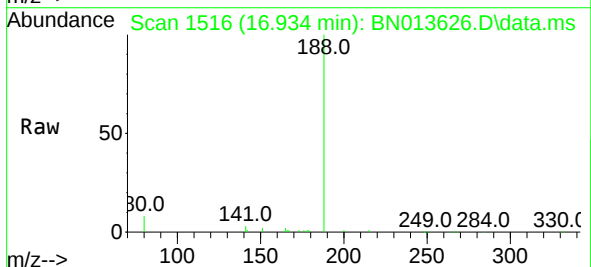
Instrument :
BNA_N
ClientSampleId :
GWBR2-SC-93-021121-FD

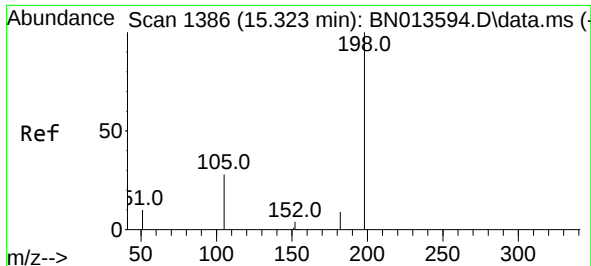
Tgt Ion:166 Resp: 2463
Ion Ratio Lower Upper
166 100
165 101.1 77.8 116.8
167 23.8 10.6 16.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

Tgt Ion:188 Resp: 34129
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 9.0 13.6#

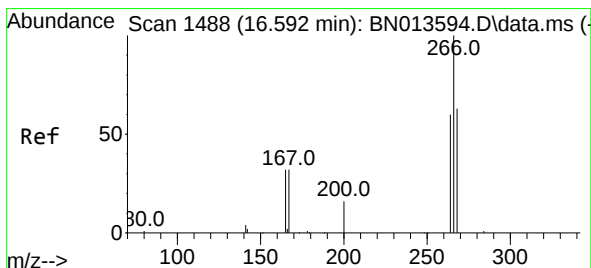
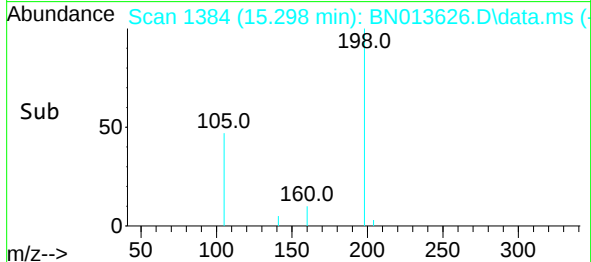
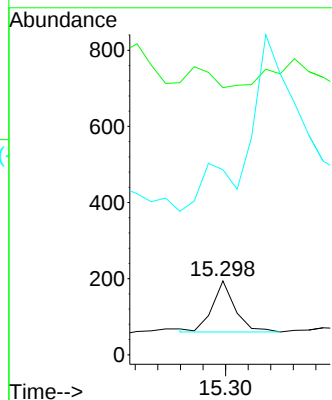
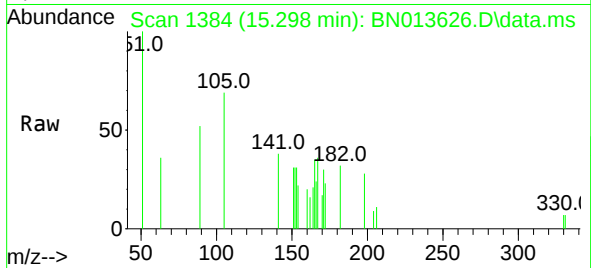




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.298 min Scan# 1384
Delta R.T. -0.025 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

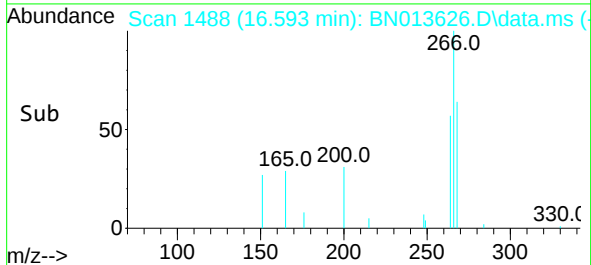
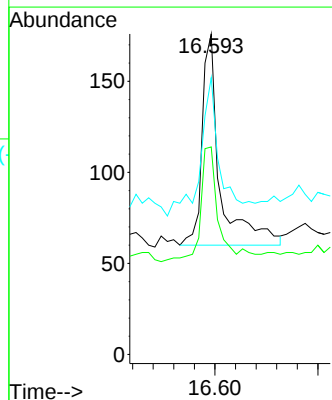
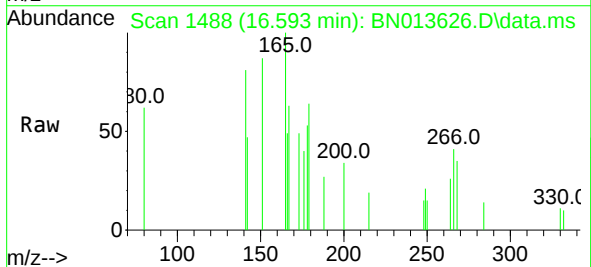
Instrument :
BNA_N
ClientSampleId :
GWBR2-SC-93-021121-FD

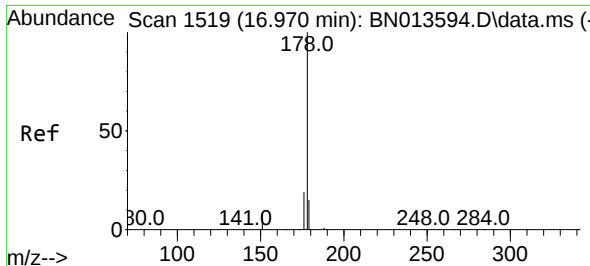
Tgt Ion:198 Resp: 187
Ion Ratio Lower Upper
198 100
51 361.9 61.7 92.5#
105 250.5 33.0 49.6#



#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.001 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

Tgt Ion:266 Resp: 282
Ion Ratio Lower Upper
266 100
264 47.5 51.6 77.4#
268 46.5 54.6 82.0#

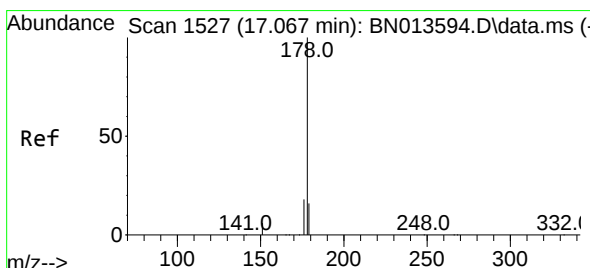
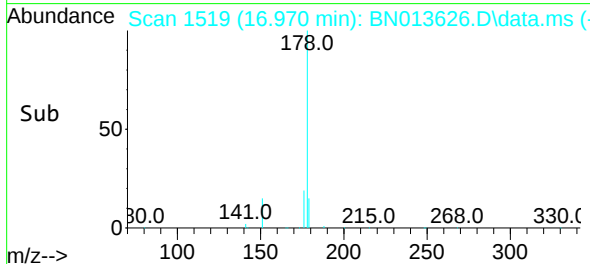
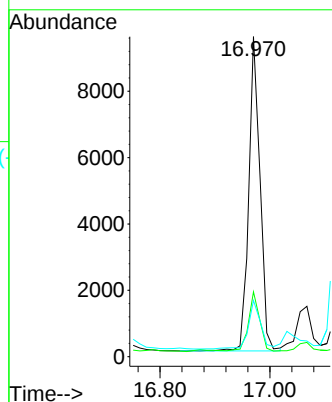
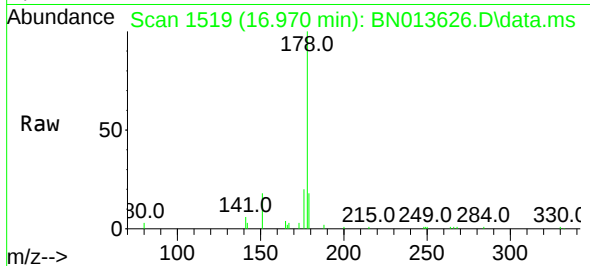




#25
Phenanthrene
Concen: 0.14 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

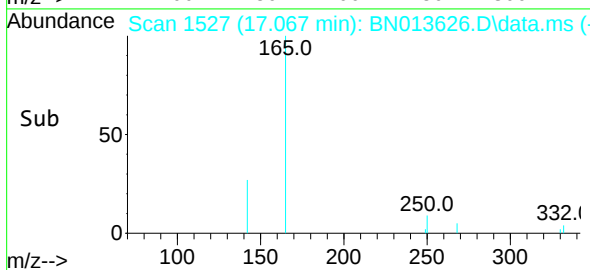
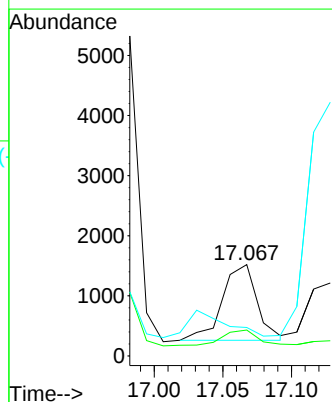
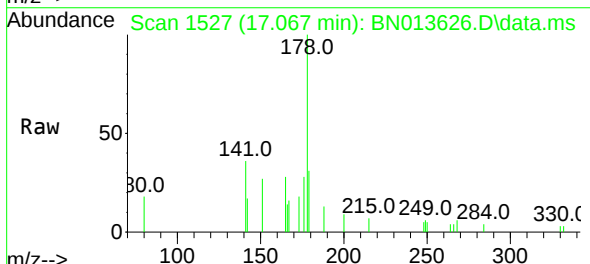
Instrument :
BNA_N
ClientSampleId :
GWBR2-SC-93-021121-FD

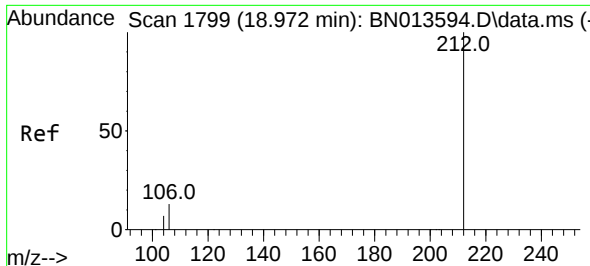
Tgt Ion:	178	Resp:	13452
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.0	22.4
179	16.6	12.3	18.5



#26
Anthracene
Concen: 0.03 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

Tgt Ion:	178	Resp:	2228
Ion Ratio	Lower	Upper	
178	100		
176	19.7	14.6	21.8
179	0.0	12.2	18.2#

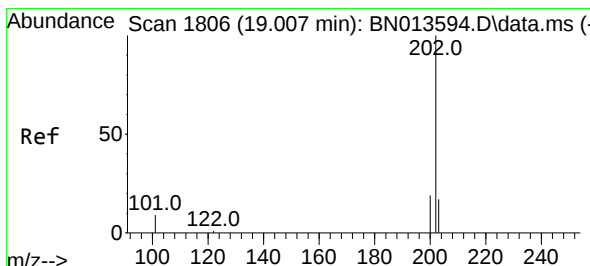
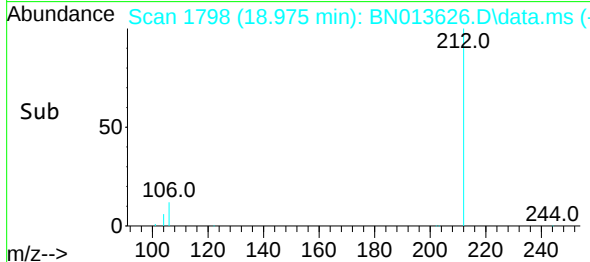
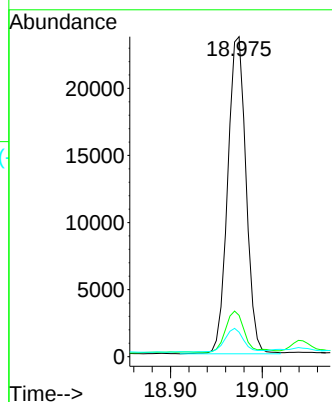
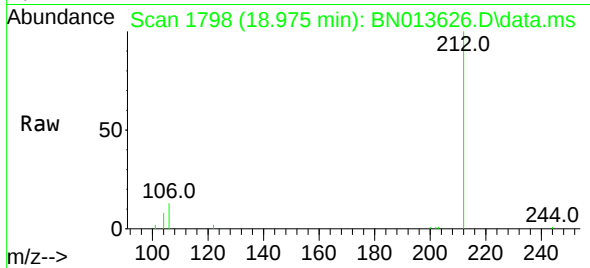




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

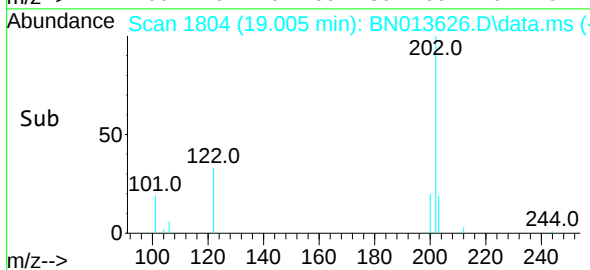
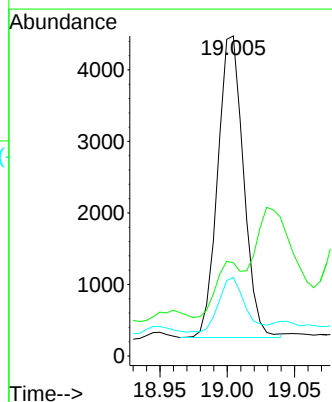
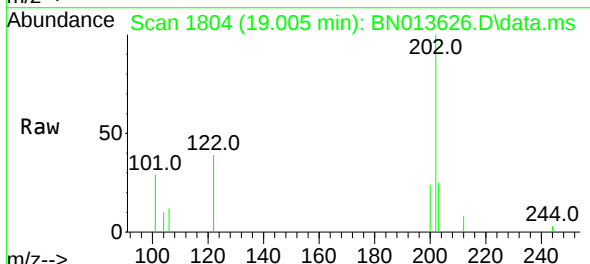
Instrument :
BNA_N
ClientSampleId :
GWBR2-SC-93-021121-FD

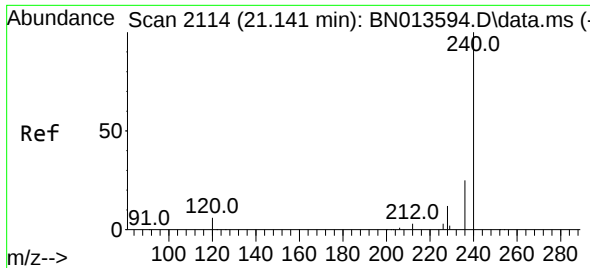
Tgt Ion:212 Resp: 32802
Ion Ratio Lower Upper
212 100
106 13.5 9.7 14.5
104 7.6 5.5 8.3



#28
Fluoranthene
Concen: 0.06 ng
RT: 19.005 min Scan# 1804
Delta R.T. -0.002 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

Tgt Ion:202 Resp: 5631
Ion Ratio Lower Upper
202 100
101 17.2 8.1 12.1#
203 18.6 13.9 20.9

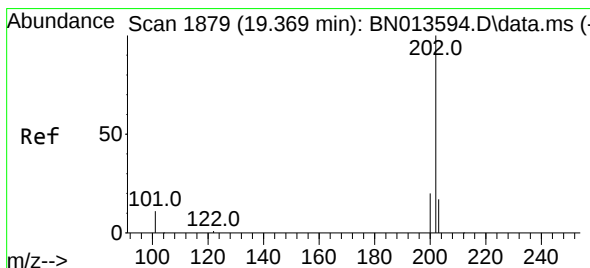
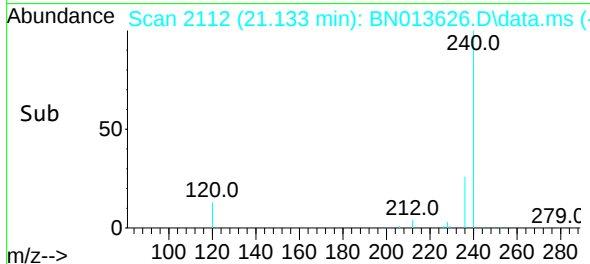
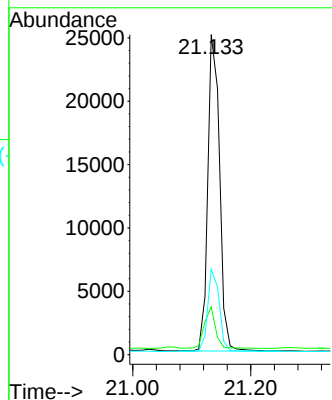
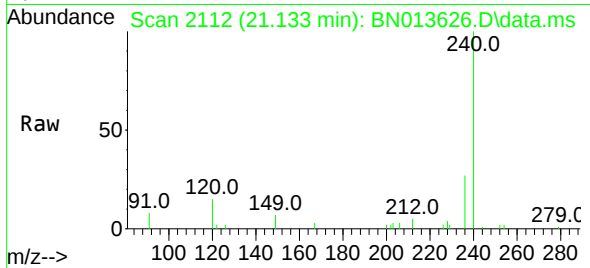




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. -0.008 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

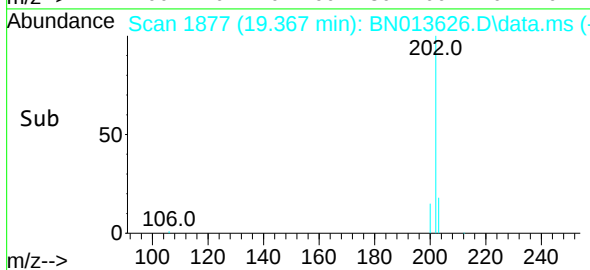
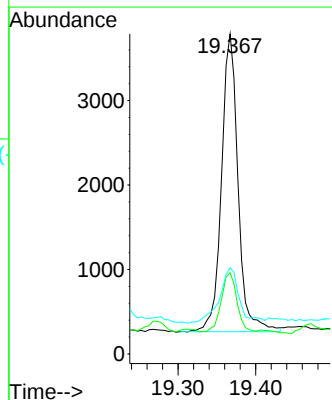
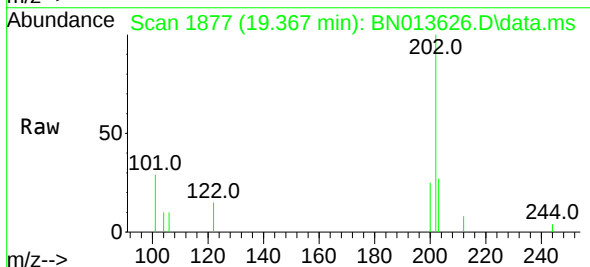
Instrument :
BNA_N
ClientSampleId :
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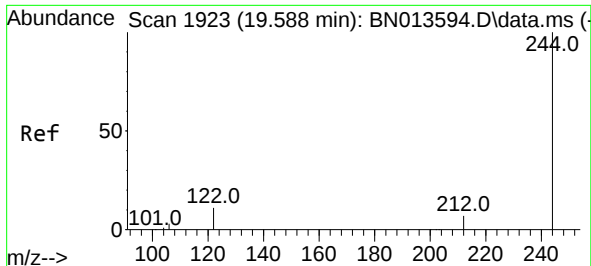
Tgt Ion:240 Resp: 34628
Ion Ratio Lower Upper
240 100
120 14.9 10.2 15.4
236 26.8 21.3 31.9



#30
Pyrene
Concen: 0.05 ng
RT: 19.367 min Scan# 1877
Delta R.T. -0.002 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

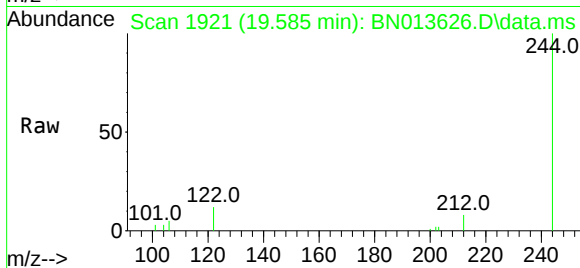
Tgt Ion:202 Resp: 5204
Ion Ratio Lower Upper
202 100
200 18.5 16.3 24.5
203 22.4 14.0 21.0#



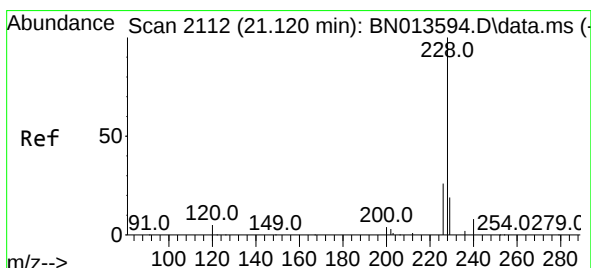
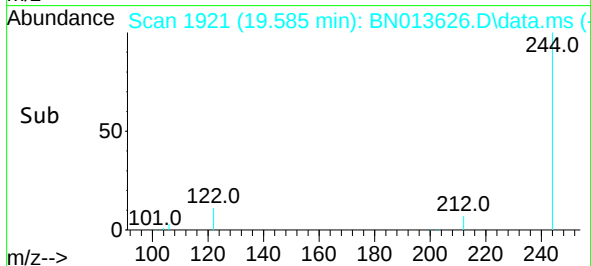
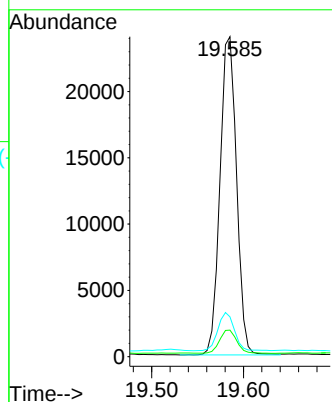


#31
 Terphenyl-d14
 Concen: 0.39 ng
 RT: 19.585 min Scan# 1921
 Delta R.T. -0.002 min
 Lab File: BN013626.D
 Acq: 15 Feb 2021 16:21

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-SC-93-021121-FD

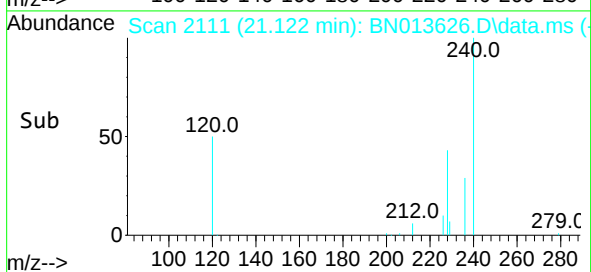
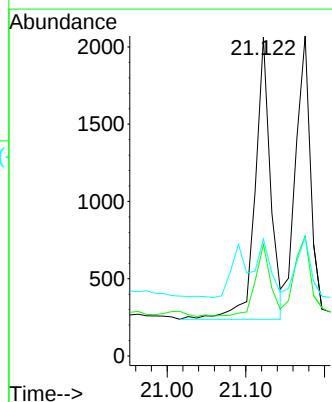
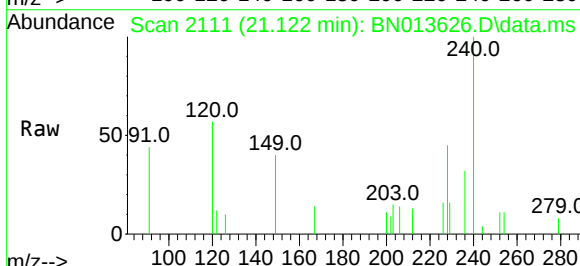


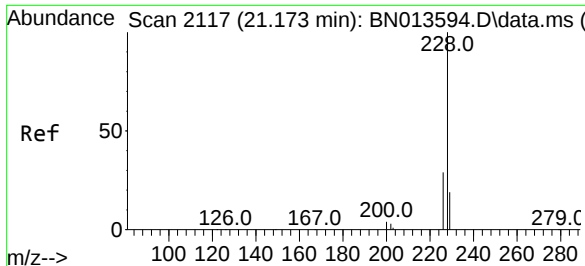
Tgt Ion:244 Resp: 30237
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.1 9.1
 122 12.4 9.8 14.8



#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.122 min Scan# 2111
 Delta R.T. 0.003 min
 Lab File: BN013626.D
 Acq: 15 Feb 2021 16:21

Tgt Ion:228 Resp: 2487
 Ion Ratio Lower Upper
 228 100
 226 35.0 20.5 30.7#
 229 36.7 16.2 24.4#

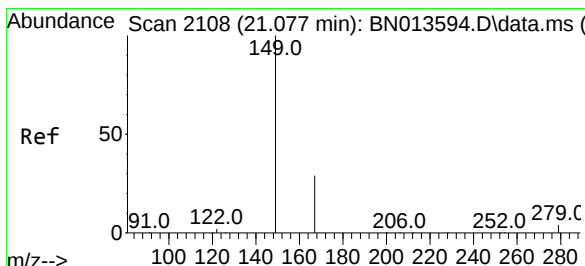
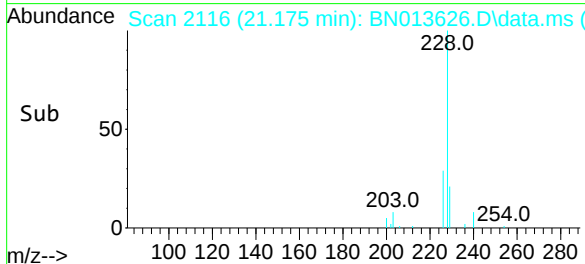
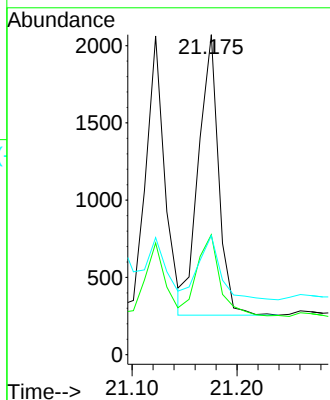
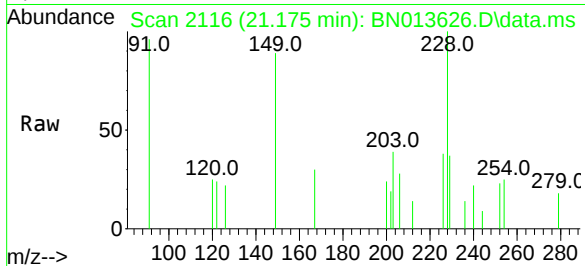




#33
Chrysene
Concen: 0.02 ng
RT: 21.175 min Scan# 2116
Delta R.T. 0.003 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

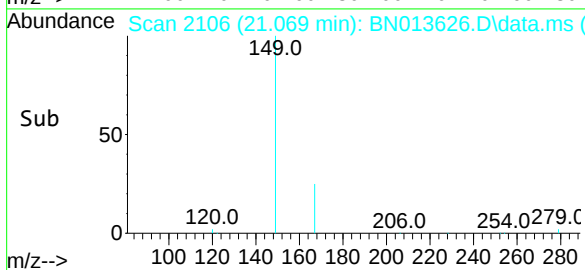
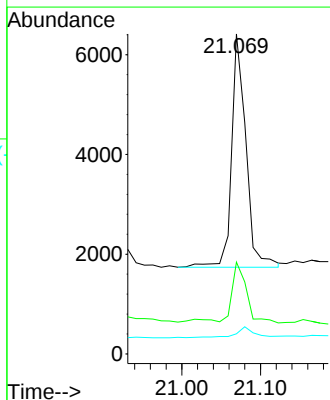
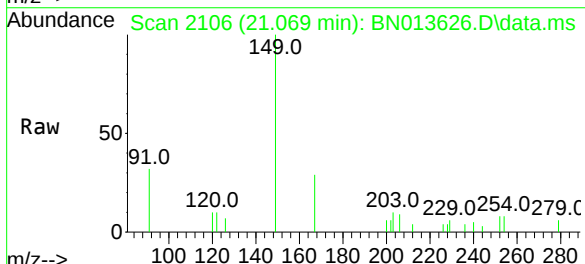
Instrument :
BNA_N
ClientSampleId :
GWBR2-SC-93-021121-FD

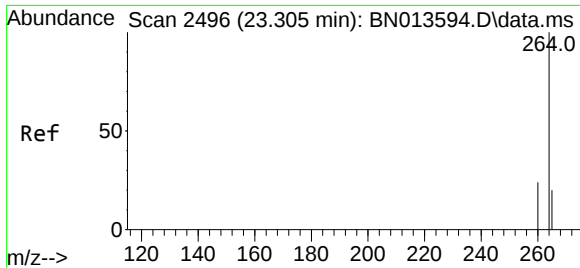
Tgt Ion:228	Resp:	2399
Ion Ratio	Lower	Upper
228	100	
226	37.5	24.3 36.5#
229	37.2	15.1 22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.069 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BN013626.D
Acq: 15 Feb 2021 16:21

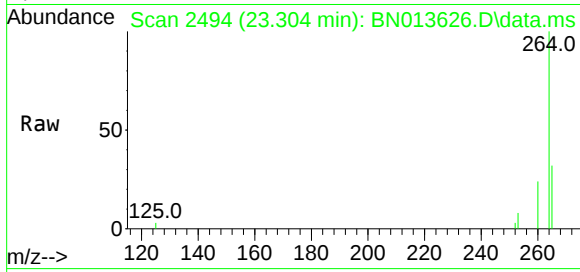
Tgt Ion:149	Resp:	5929
Ion Ratio	Lower	Upper
149	100	
167	25.8	22.1 33.1
279	5.7	3.5 5.3#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.304 min Scan# 2494
 Delta R.T. -0.001 min
 Lab File: BN013626.D
 Acq: 15 Feb 2021 16:21

Instrument :
 BNA_N
ClientSampleId :
 GWBR2-SC-93-021121-FD



Tgt Ion:264 Resp: 33101

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	31.9	66.2	99.4#

