

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022621\
 Data File : BN013786.D
 Acq On : 26 Feb 2021 16:46
 Operator : CG/JU
 Sample : M1504-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW805-10-15-022521

Quant Time: Feb 26 17:44:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

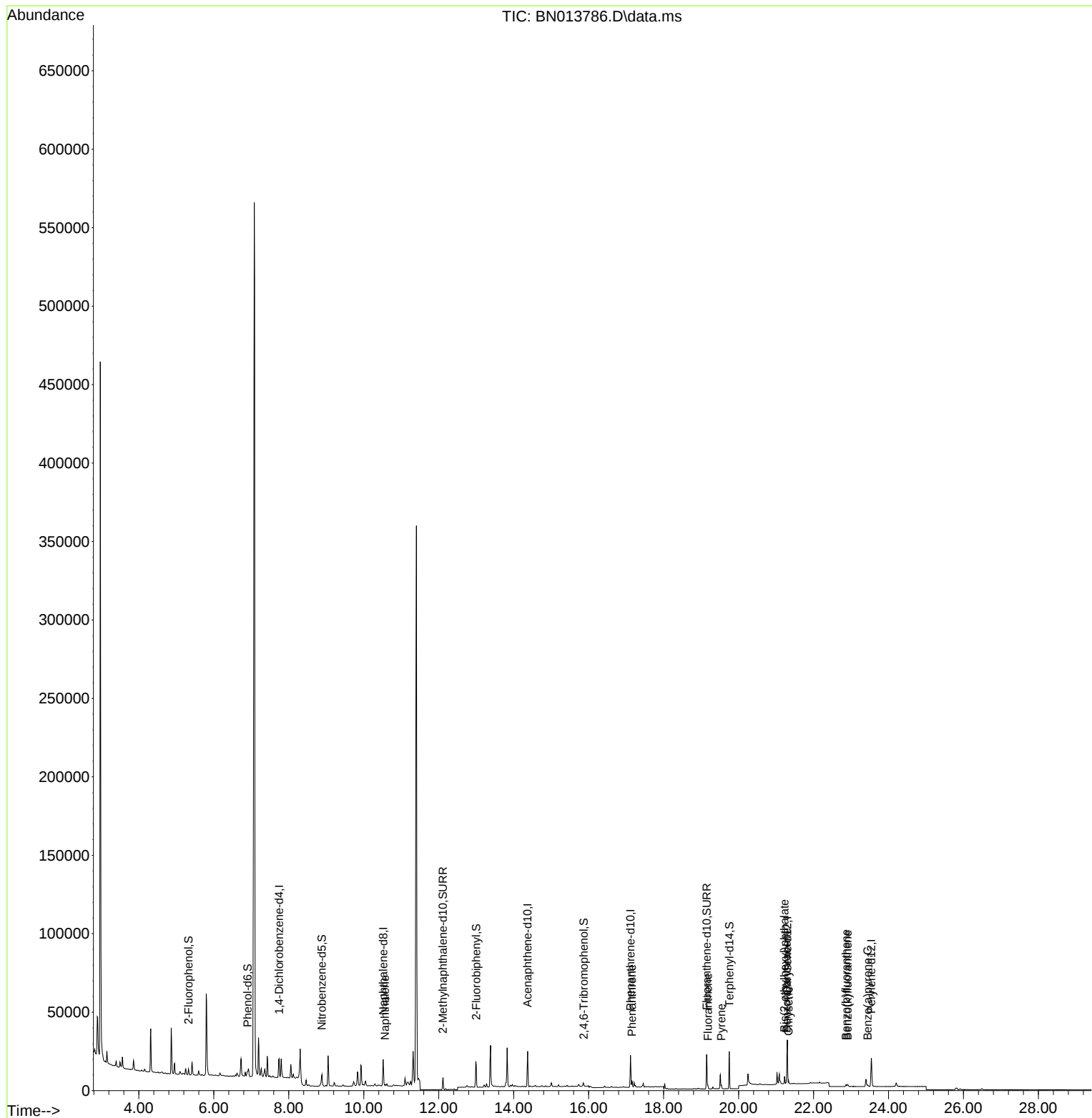
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5212	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	20896	0.40	ng	#-0.01
13) Acenaphthene-d10	14.371	164	11899	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	25120	0.40	ng	-0.01
29) Chrysene-d12	21.300	240	25072	0.40	ng	# 0.00
36) Perylene-d12	23.541	264	22951	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	2614	0.19	ng	0.00
5) Phenol-d6	6.903	99	2424	0.13	ng	0.00
8) Nitrobenzene-d5	8.883	82	5873	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	9941	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	1568	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	14882	0.35	ng	0.00
27) Fluoranthene-d10	19.151	212	24864	0.34	ng	0.00
31) Terphenyl-d14	19.751	244	22005	0.40	ng	-0.01
Target Compounds						
						Qvalue
9) Naphthalene	10.568	128	1031	0.02	ng	# 76
25) Phenanthrene	17.152	178	4638	0.07	ng	95
28) Fluoranthene	19.181	202	2053	0.03	ng	# 77
30) Pyrene	19.543	202	1961	0.03	ng	# 89
32) Benzo(a)anthracene	21.279	228	1633	0.02	ng	# 88
33) Chrysene	21.332	228	1621	0.02	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.226	149	4077	0.11	ng	100
37) Benzo(b)fluoranthene	22.867	252	1604	0.02	ng	# 38
38) Benzo(k)fluoranthene	22.912	252	1446	0.02	ng	# 32
39) Benzo(a)pyrene	23.442	252	1346	0.02	ng	# 31

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

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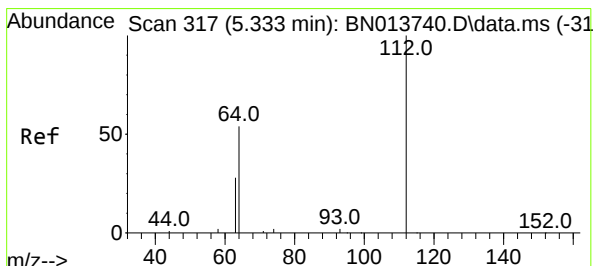
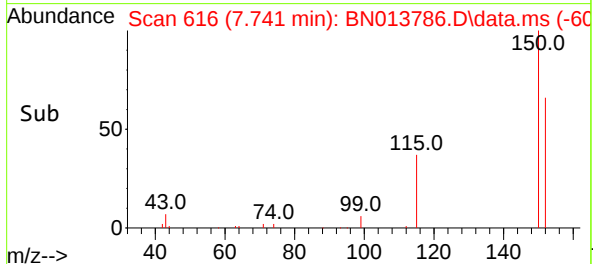
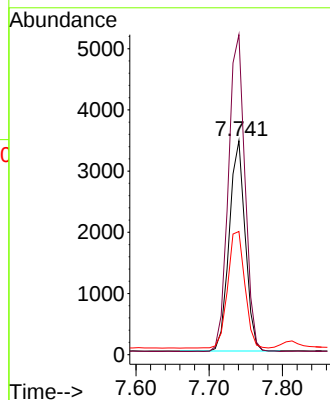
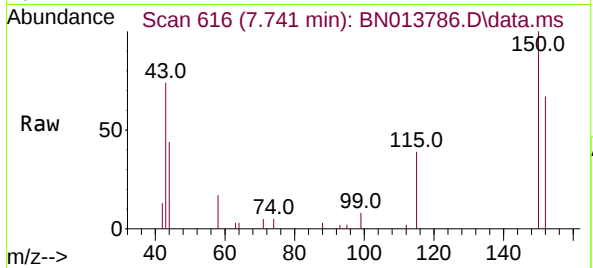




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

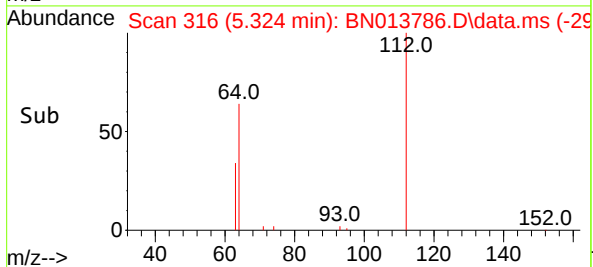
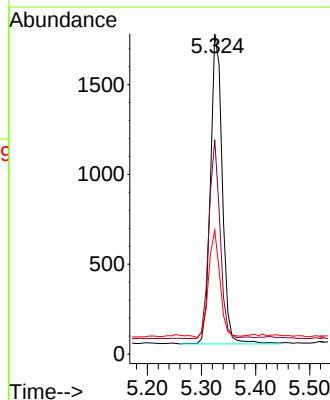
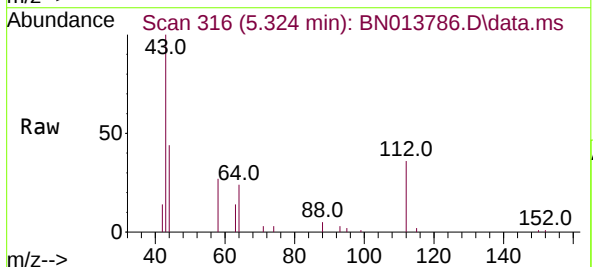
Instrument :
BNA_N
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GW805-10-15-022521

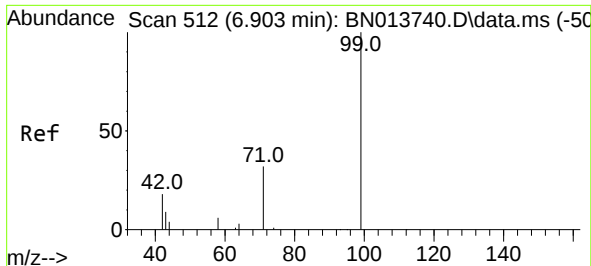
Tgt Ion:152 Resp: 5212
Ion Ratio Lower Upper
152 100
150 149.6 121.8 182.8
115 57.6 46.6 69.8



#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion:112 Resp: 2614
Ion Ratio Lower Upper
112 100
64 60.6 44.3 66.5
63 33.5 23.0 34.6

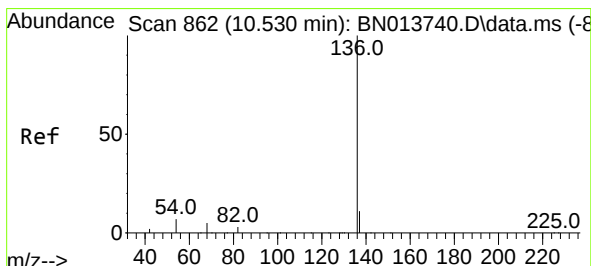
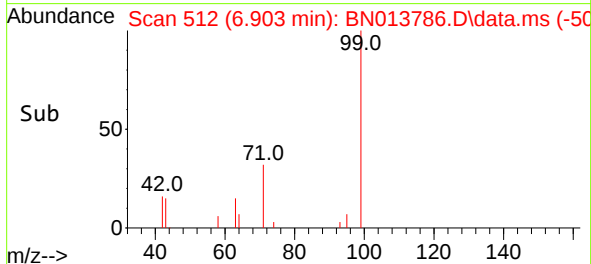
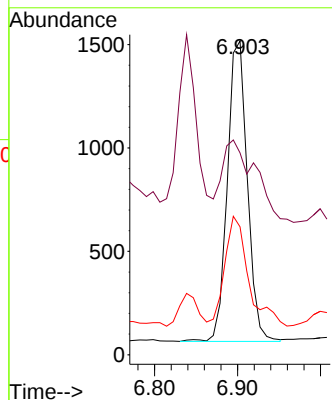
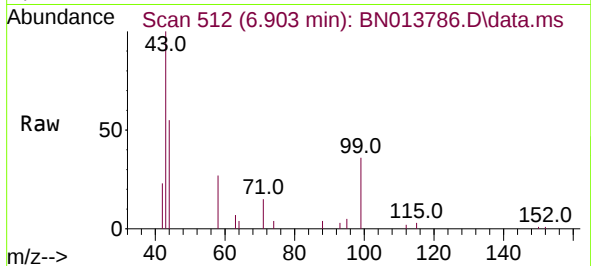




#5
Phenol-d6
Concen: 0.13 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

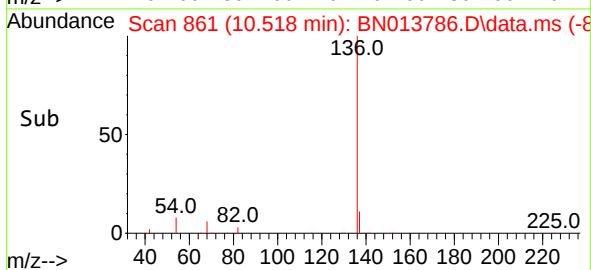
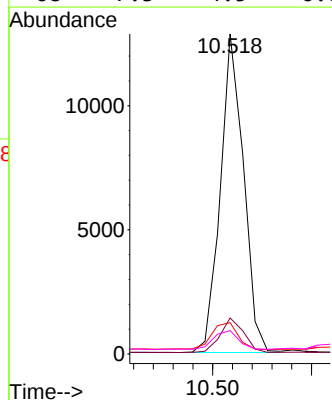
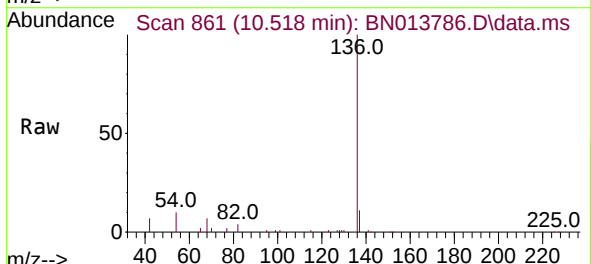
Instrument :
BNA_N
ClientSampleId :
GW805-10-15-022521

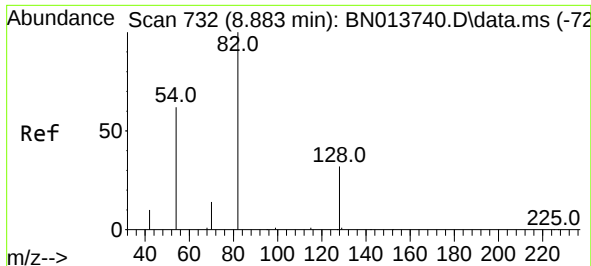
Tgt Ion: 99 Resp: 2424
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 43.4 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion: 136 Resp: 20896
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.8 6.4 9.6#
68 7.3 4.5 6.7#

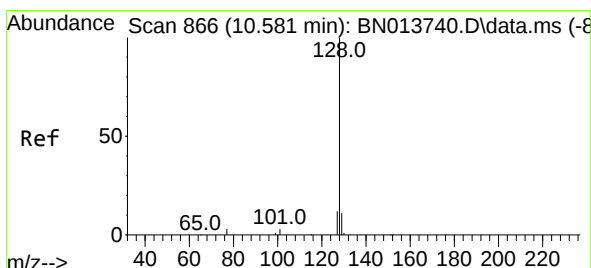
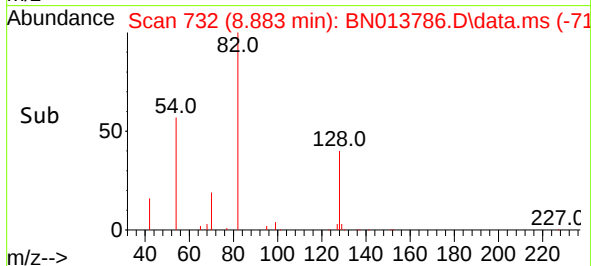
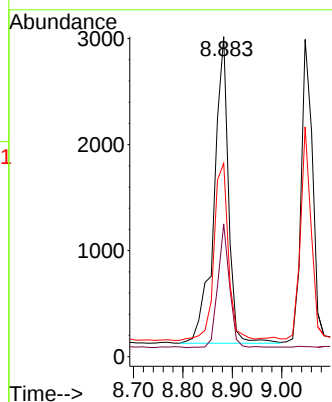
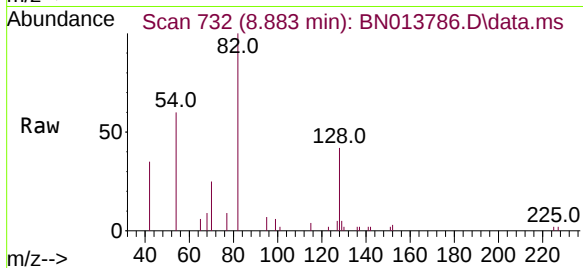




#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

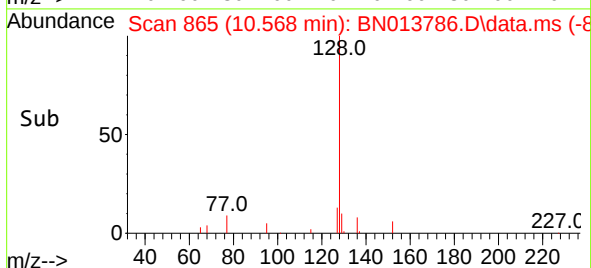
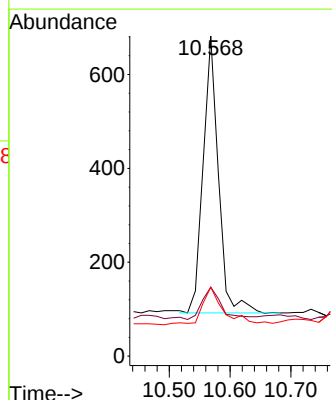
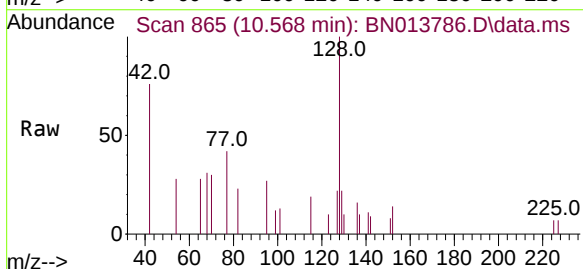
Instrument :
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ClientSampleId :
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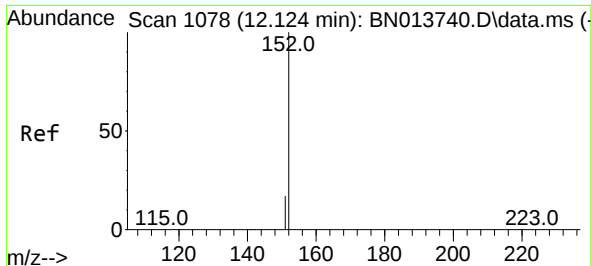
Tgt Ion: 82 Resp: 5873
Ion Ratio Lower Upper
82 100
128 41.5 39.2 58.8
54 60.4 40.1 60.1#



#9
Naphthalene
Concen: 0.02 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.000 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion: 128 Resp: 1031
Ion Ratio Lower Upper
128 100
129 21.6 9.0 13.4#
127 21.6 10.4 15.6#

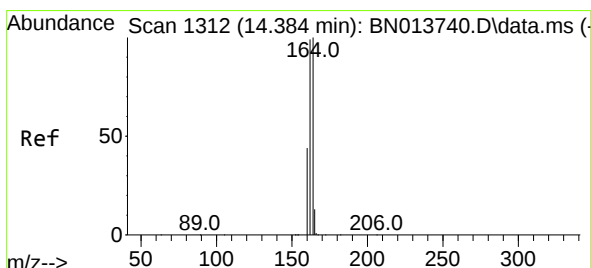
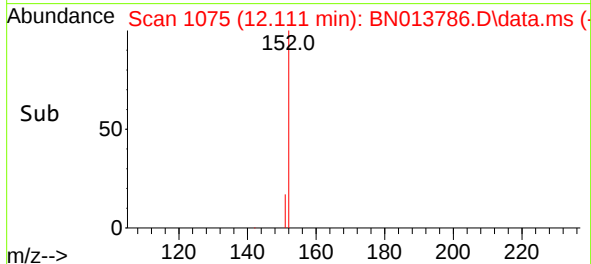
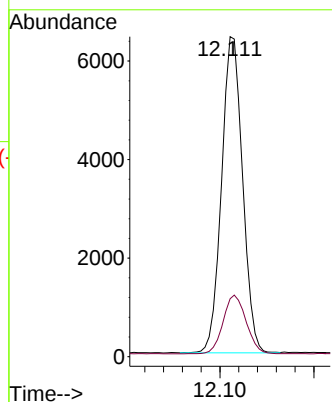
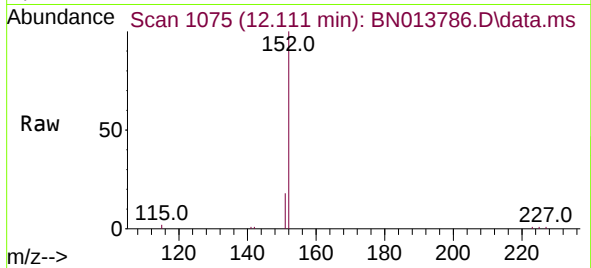




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

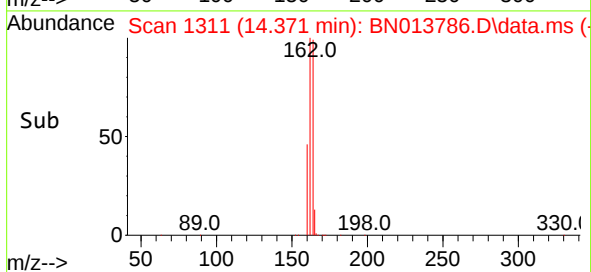
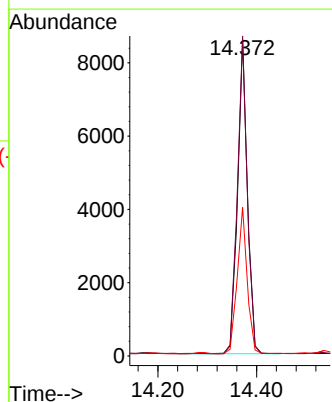
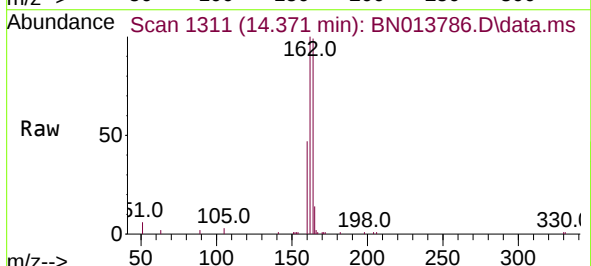
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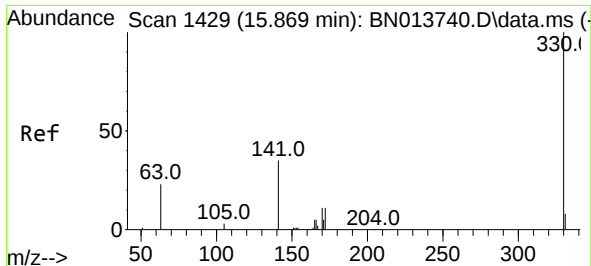
Tgt Ion:152 Resp: 9941
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion:164 Resp: 11899
Ion Ratio Lower Upper
164 100
162 101.0 79.6 119.4
160 47.0 36.0 54.0

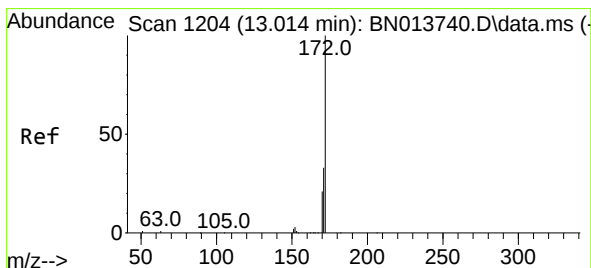
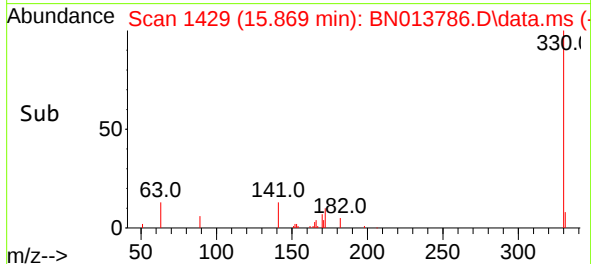
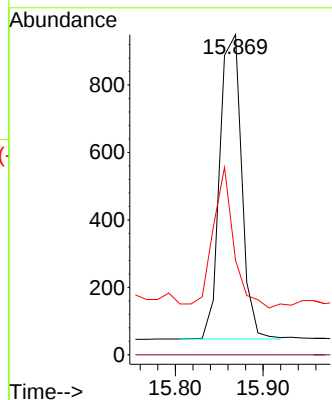
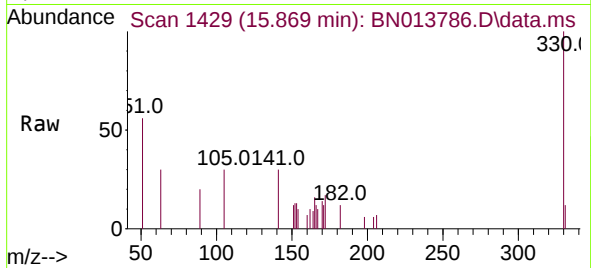




#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

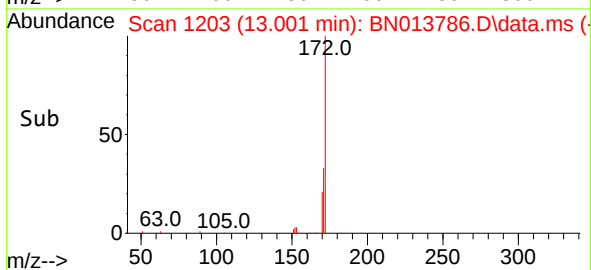
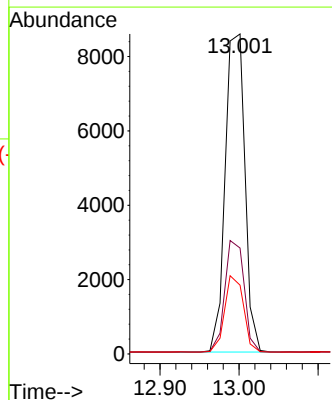
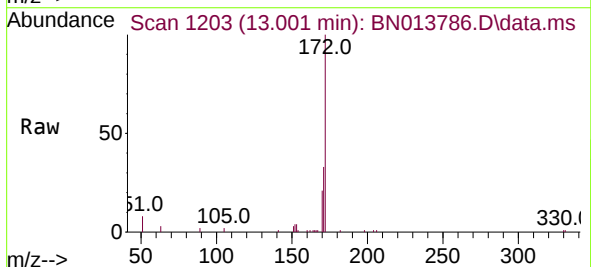
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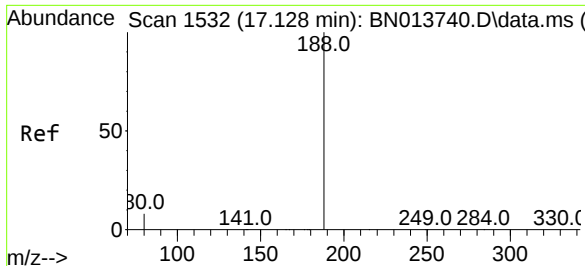
Tgt Ion:330 Resp: 1568
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.3 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion:172 Resp: 14882
Ion Ratio Lower Upper
172 100
171 33.1 28.6 42.8
170 21.5 18.9 28.3

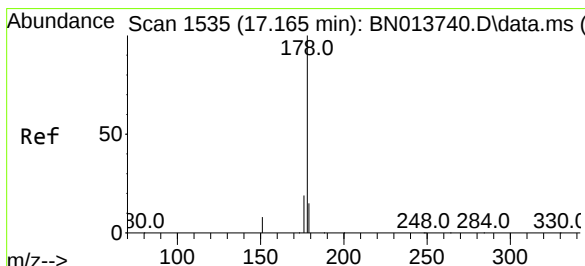
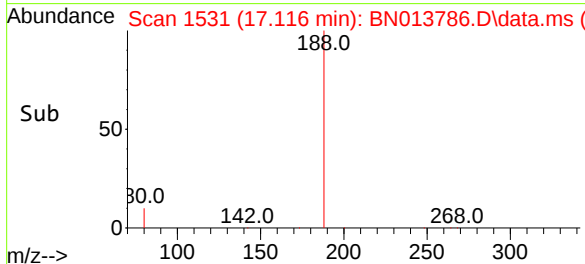
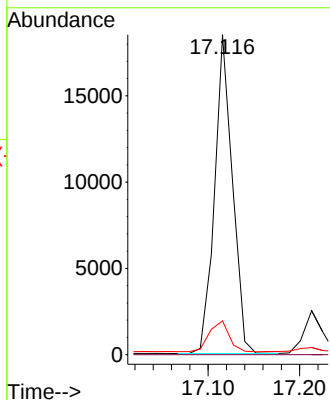
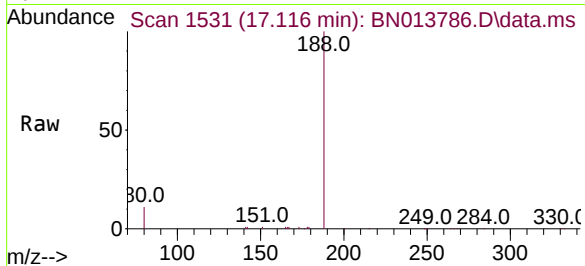




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

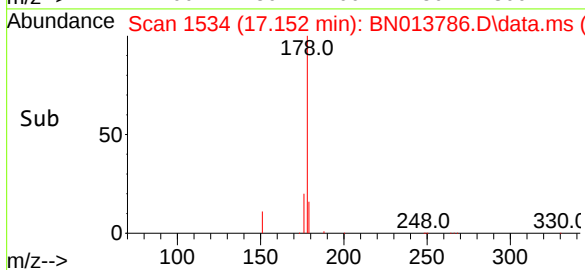
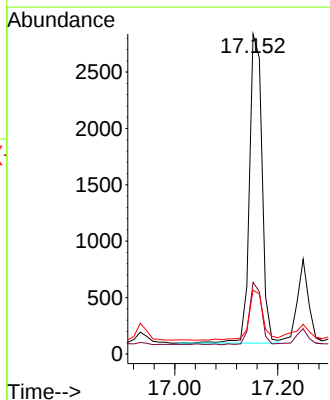
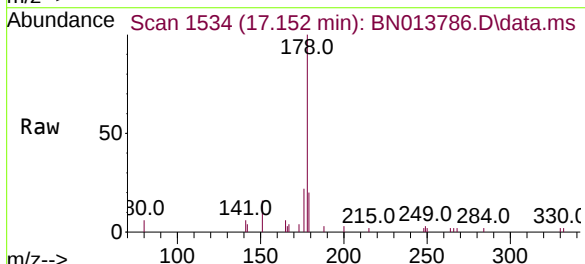
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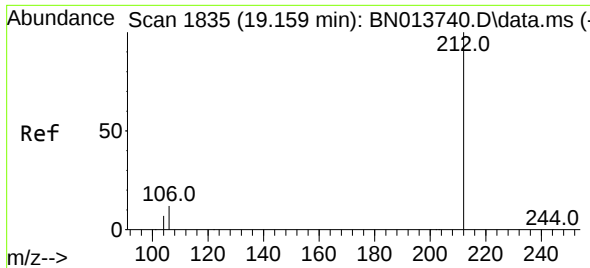
Tgt Ion:188 Resp: 25120
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.0 13.6



#25
Phenanthrene
Concen: 0.07 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion:178 Resp: 4638
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.4
179 18.4 12.3 18.5

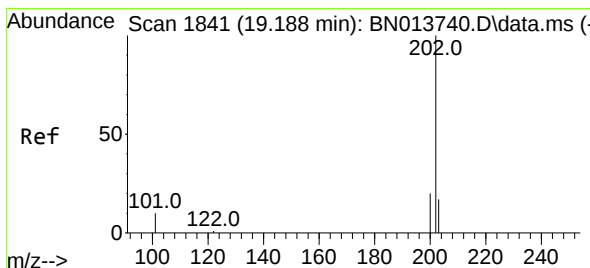
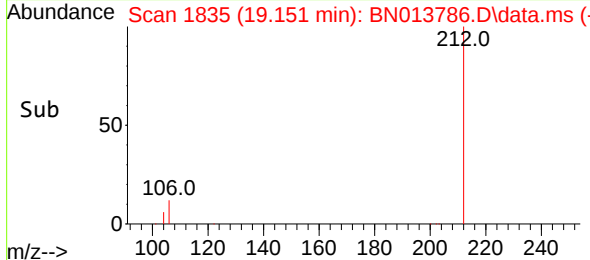
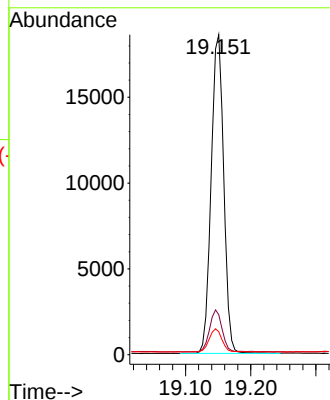
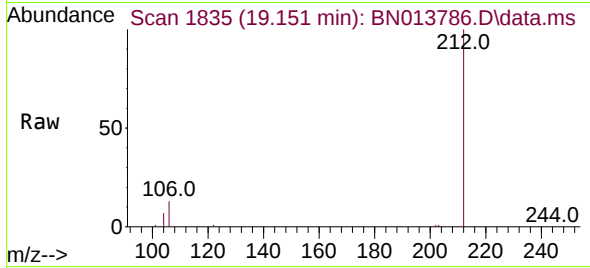




#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

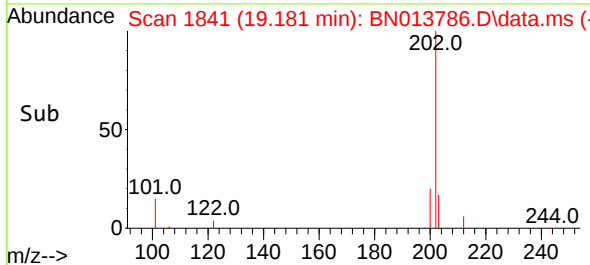
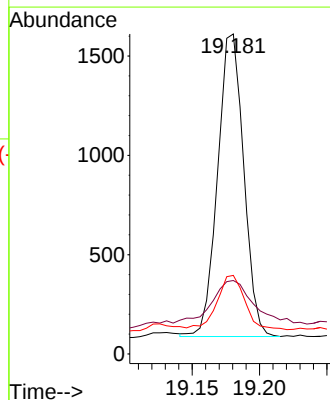
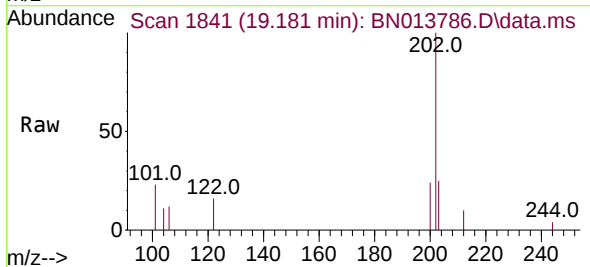
Instrument :
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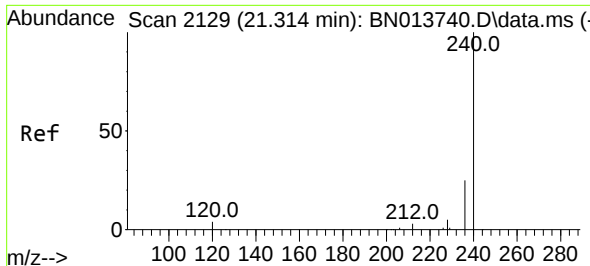
Tgt Ion:212 Resp: 24864
Ion Ratio Lower Upper
212 100
106 12.9 9.7 14.5
104 7.6 5.5 8.3



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.181 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion:202 Resp: 2053
Ion Ratio Lower Upper
202 100
101 30.5 8.1 12.1#
203 19.0 13.9 20.9

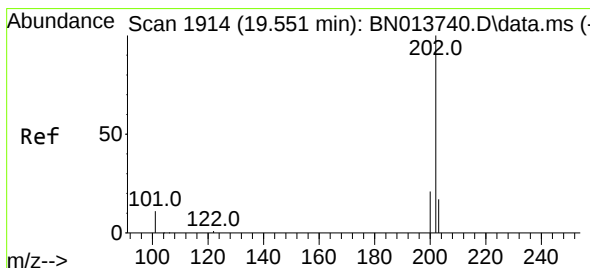
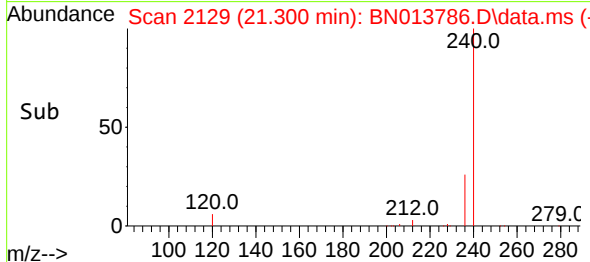
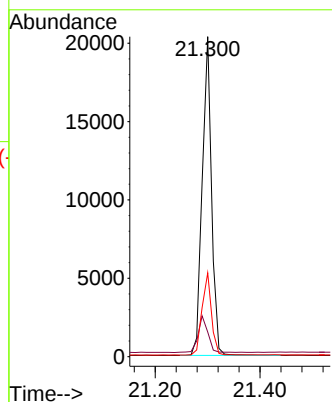
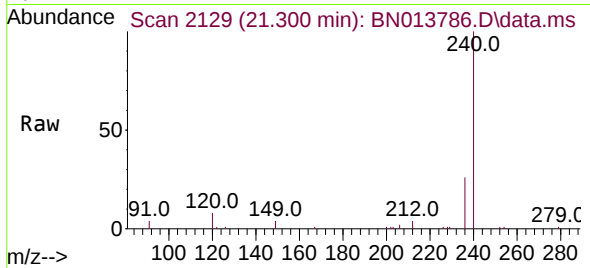




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

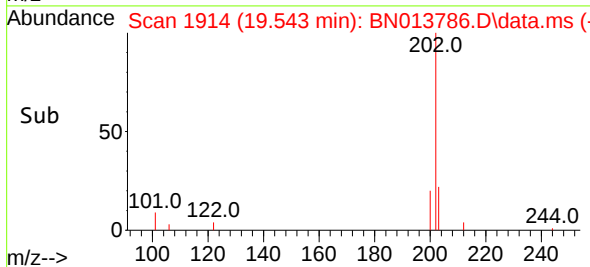
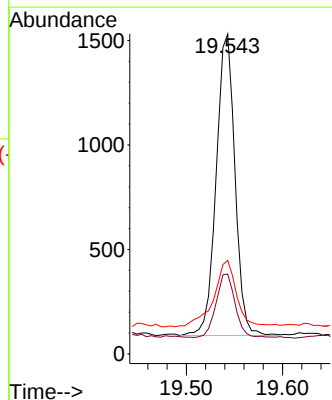
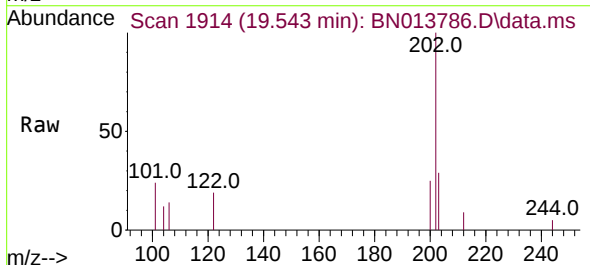
Instrument :
BNA_N
ClientSampleId :
GW805-10-15-022521

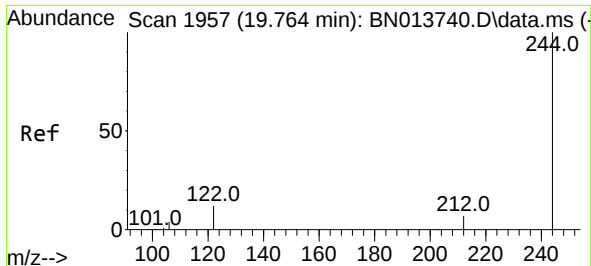
Tgt Ion:240 Resp: 25072
Ion Ratio Lower Upper
240 100
120 7.7 10.2 15.4#
236 26.2 21.3 31.9



#30
Pyrene
Concen: 0.03 ng
RT: 19.543 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

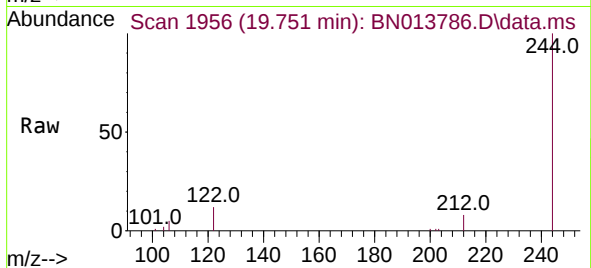
Tgt Ion:202 Resp: 1961
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 27.0 14.0 21.0#



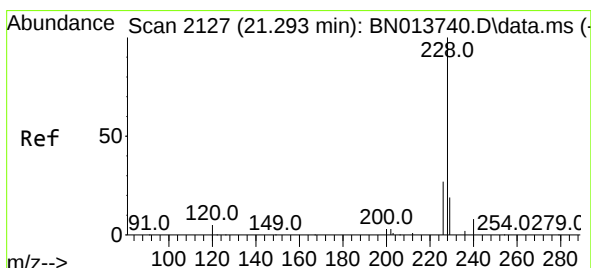
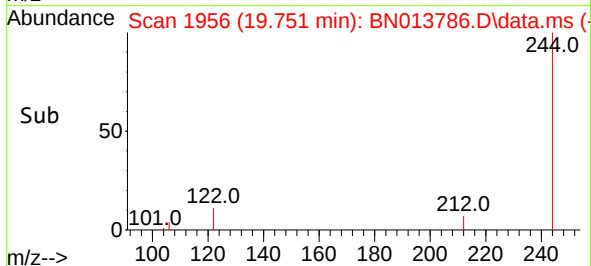
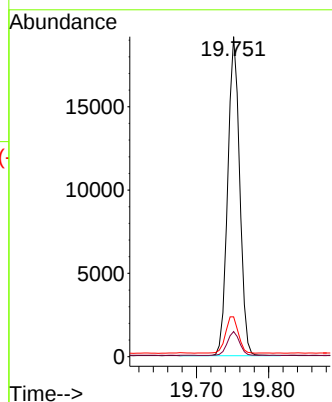


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.751 min Scan# 1956
Delta R.T. -0.010 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Instrument :
BNA_N
ClientSampleId :
GW805-10-15-022521

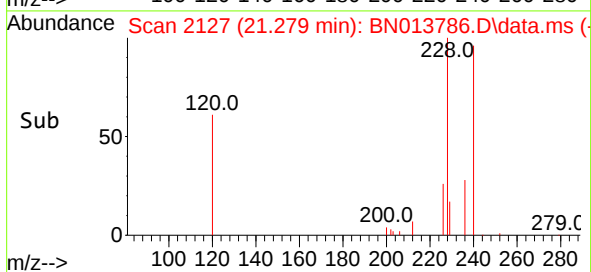
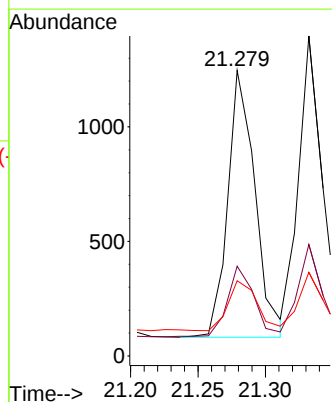
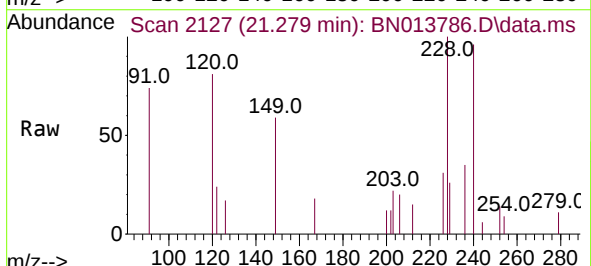


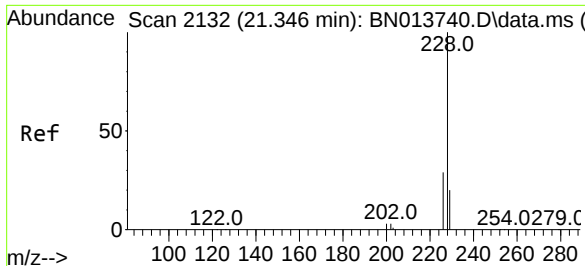
Tgt Ion:244 Resp: 22005
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 12.5 9.8 14.8



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.279 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion:228 Resp: 1633
Ion Ratio Lower Upper
228 100
226 31.5 20.5 30.7#
229 26.3 16.2 24.4#

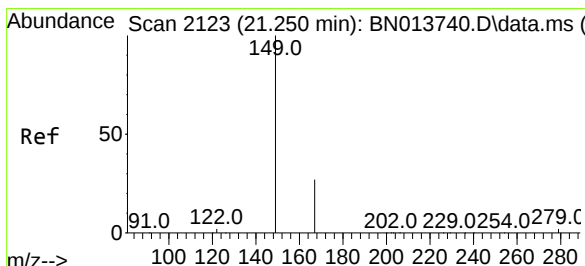
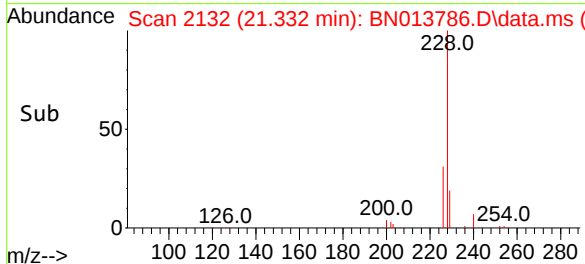
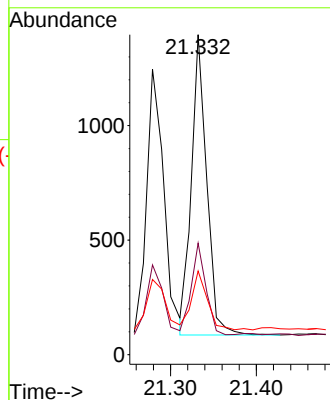
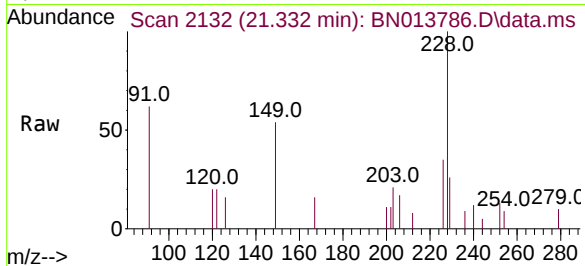




#33
Chrysene
Concen: 0.02 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

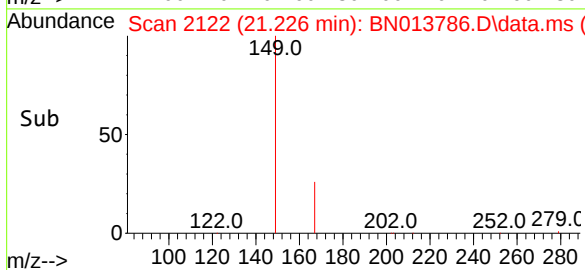
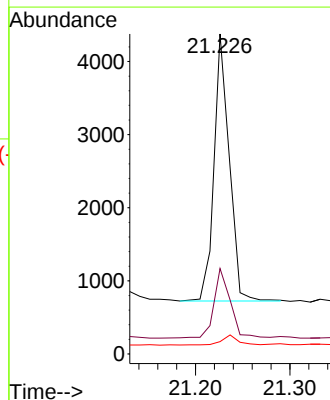
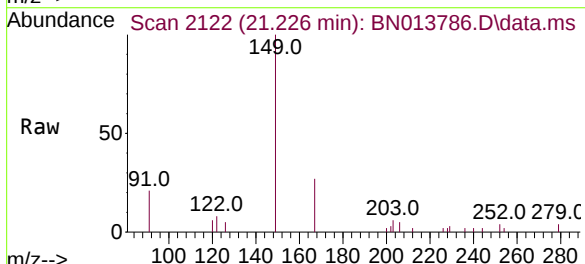
Instrument :
BNA_N
ClientSampleId :
GW805-10-15-022521

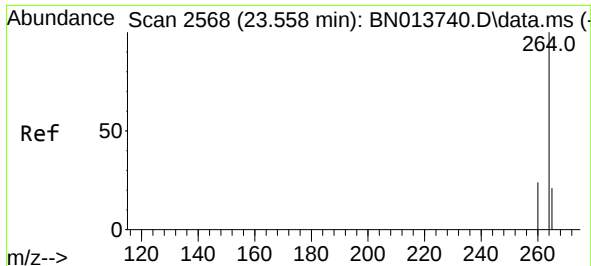
Tgt Ion:228 Resp: 1621
Ion Ratio Lower Upper
228 100
226 34.9 24.3 36.5
229 26.1 15.1 22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.226 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion:149 Resp: 4077
Ion Ratio Lower Upper
149 100
167 27.7 22.1 33.1
279 4.3 3.5 5.3

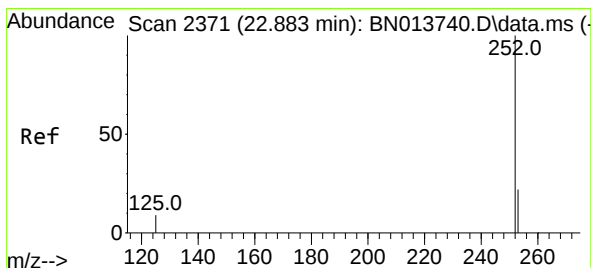
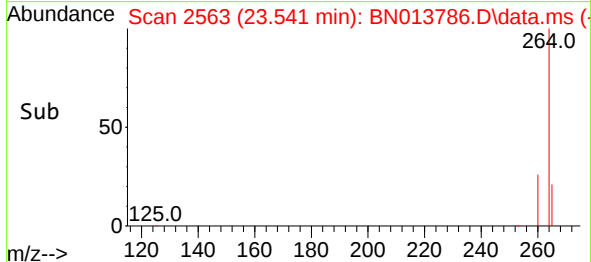
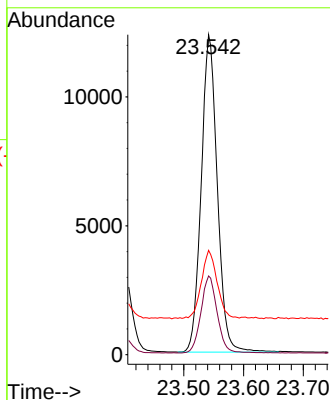
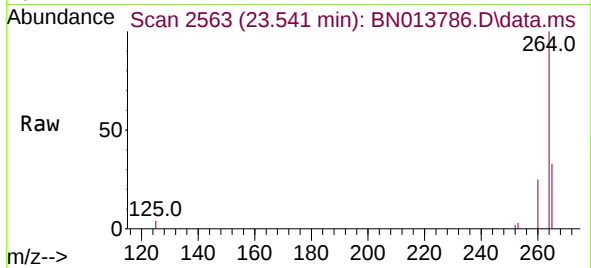




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.541 min Scan# 2563
Delta R.T. -0.010 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

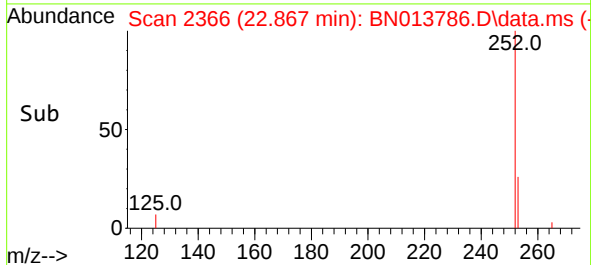
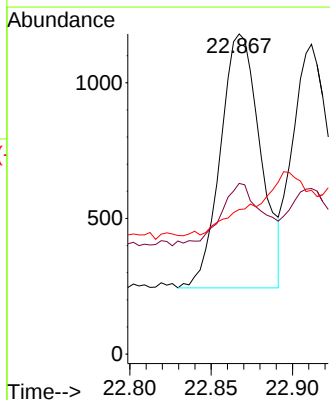
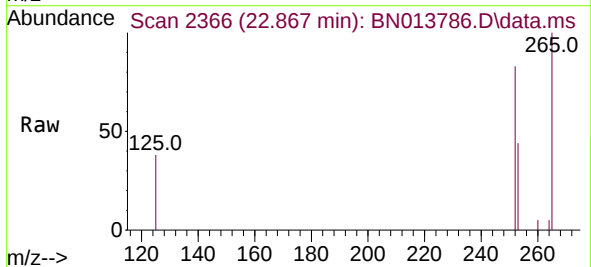
Instrument :
BNA_N
ClientSampleId :
GW805-10-15-022521

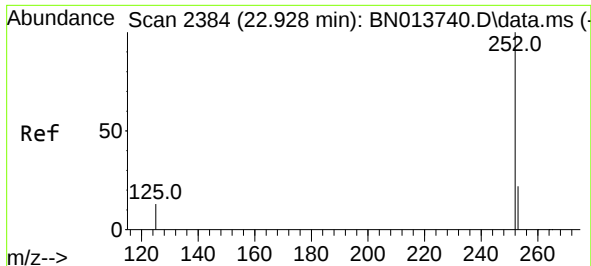
Tgt Ion:264	Resp:	22951
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.3 28.9
265	32.6	66.2 99.4#



#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.867 min Scan# 2366
Delta R.T. -0.010 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion:252	Resp:	1604
Ion Ratio	Lower	Upper
252	100	
253	53.3	20.4 30.6#
125	45.2	11.6 17.4#

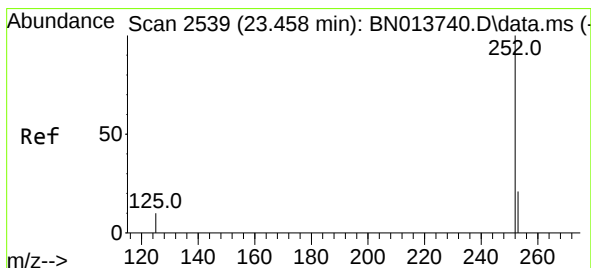
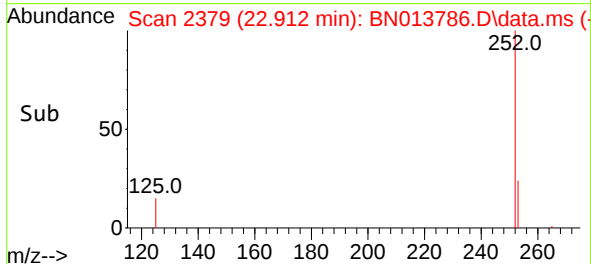
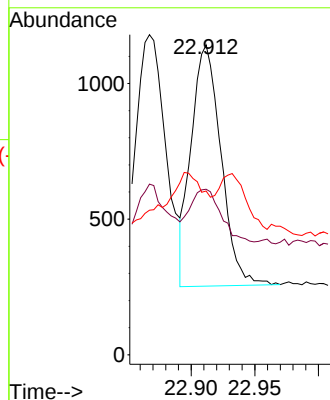
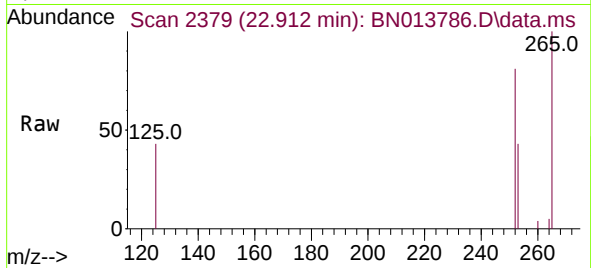




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.912 min Scan# 2379
Delta R.T. -0.010 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Instrument :
BNA_N
ClientSampleId :
GW805-10-15-022521

Tgt Ion:252 Resp: 1446
Ion Ratio Lower Upper
252 100
253 53.4 20.5 30.7#
125 52.9 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.442 min Scan# 2534
Delta R.T. -0.013 min
Lab File: BN013786.D
Acq: 26 Feb 2021 16:46

Tgt Ion:252 Resp: 1346
Ion Ratio Lower Upper
252 100
253 60.3 21.8 32.6#
125 52.5 14.6 21.8#

