

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022621\
 Data File : BN013787.D
 Acq On : 26 Feb 2021 17:22
 Operator : CG/JU
 Sample : M1504-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW805-20-25-022521

Quant Time: Feb 26 22:45:27 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

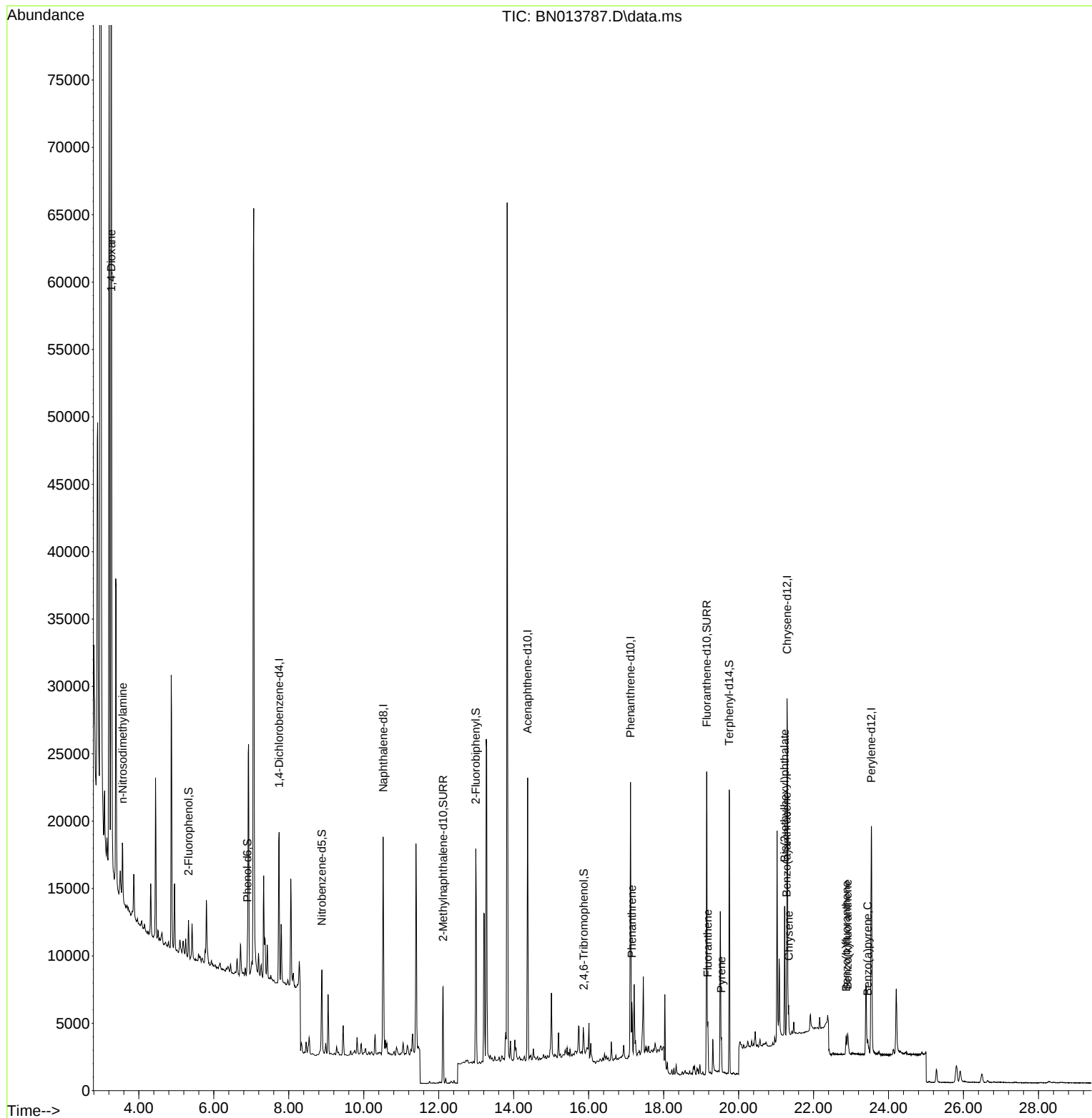
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5214	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	20081	0.40	ng	#-0.01
13) Acenaphthene-d10	14.372	164	11354	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	25139	0.40	ng	-0.01
29) Chrysene-d12	21.292	240	24746	0.40	ng	0.00
36) Perylene-d12	23.541	264	22581	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1932	0.14	ng	0.00
5) Phenol-d6	6.895	99	1503	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	4872	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.115	152	9515	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	1328	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	13835	0.34	ng	-0.01
27) Fluoranthene-d10	19.149	212	23674	0.32	ng	0.00
31) Terphenyl-d14	19.749	244	20378	0.37	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.263	88	51270	8.13	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.569	42	413	0.09	ng	# 2
25) Phenanthrene	17.153	178	4555	0.07	ng	# 94
28) Fluoranthene	19.178	202	3168	0.04	ng	# 91
30) Pyrene	19.541	202	2167	0.03	ng	# 92
32) Benzo(a)anthracene	21.282	228	1625	0.02	ng	# 89
33) Chrysene	21.335	228	1784	0.02	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.229	149	7969	0.22	ng	99
37) Benzo(b)fluoranthene	22.870	252	1714	0.02	ng	# 42
38) Benzo(k)fluoranthene	22.911	252	1663	0.02	ng	# 30
39) Benzo(a)pyrene	23.441	252	1444	0.02	ng	# 32

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

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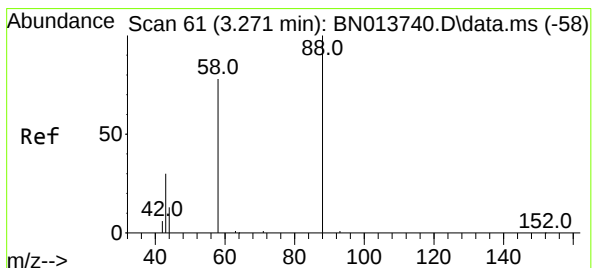
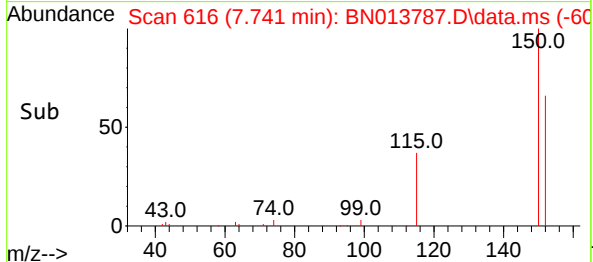
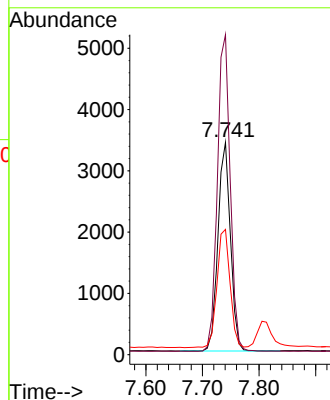
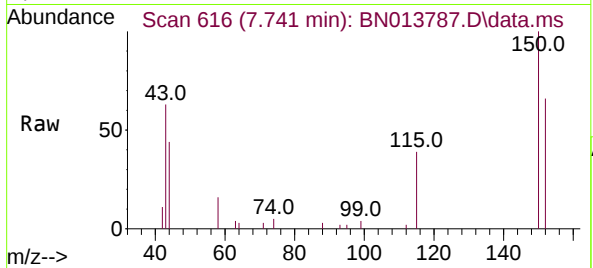




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

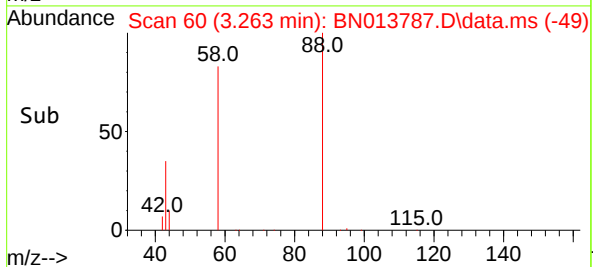
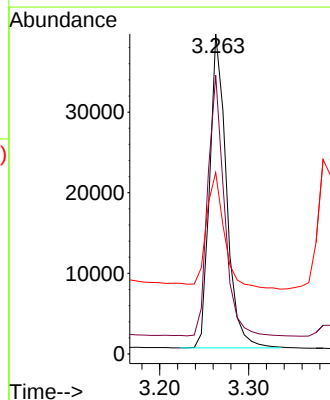
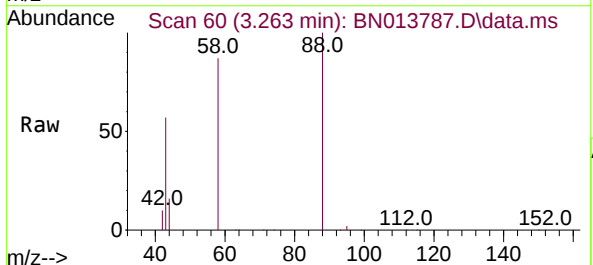
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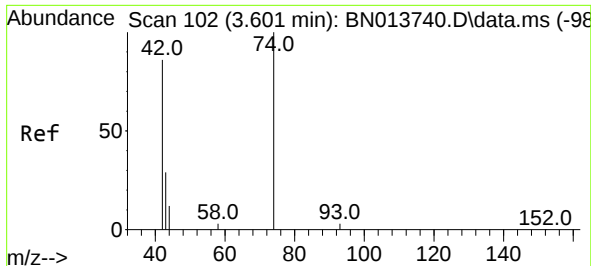
Tgt Ion:152 Resp: 5214
Ion Ratio Lower Upper
152 100
150 150.7 121.8 182.8
115 58.9 46.6 69.8



#2
1,4-Dioxane
Concen: 8.13 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion: 88 Resp: 51270
Ion Ratio Lower Upper
88 100
58 81.2 64.6 96.8
43 39.8 26.6 40.0

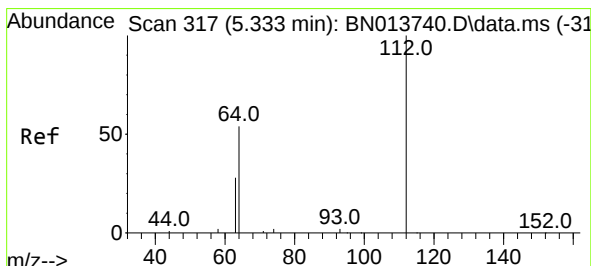
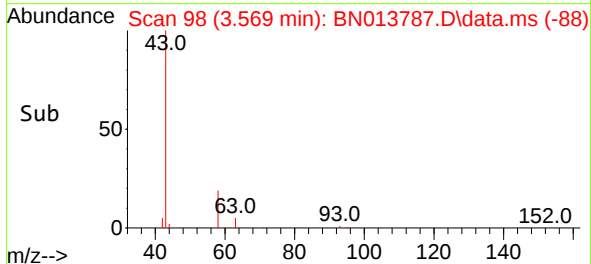
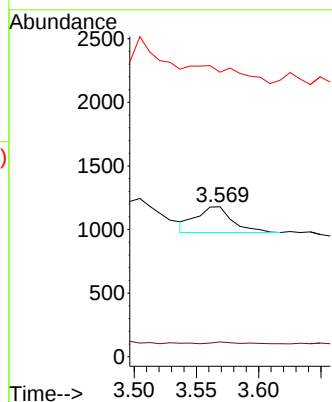
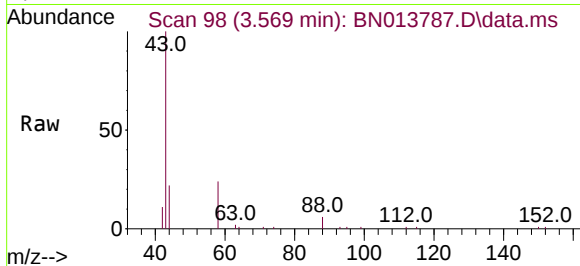




#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.569 min Scan# 98
Delta R.T. -0.016 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

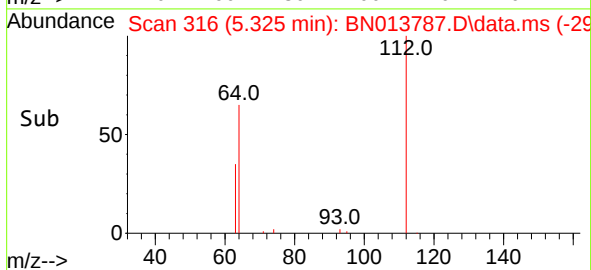
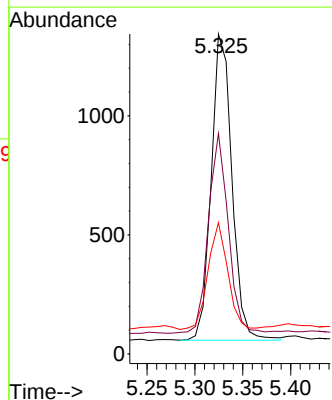
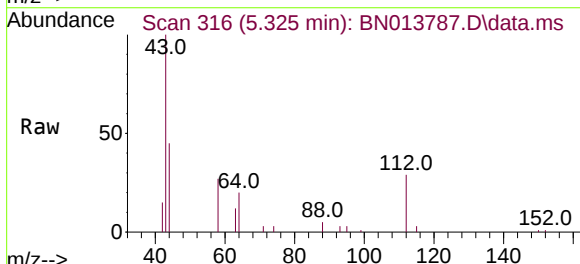
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Tgt Ion: 42 Resp: 413
Ion Ratio Lower Upper
42 100
74 5.8 95.0 142.6#
44 0.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion: 112 Resp: 1932
Ion Ratio Lower Upper
112 100
64 62.6 44.3 66.5
63 33.4 23.0 34.6

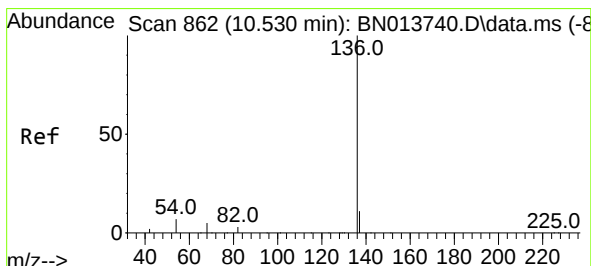
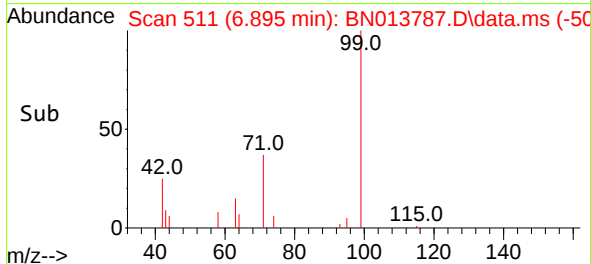
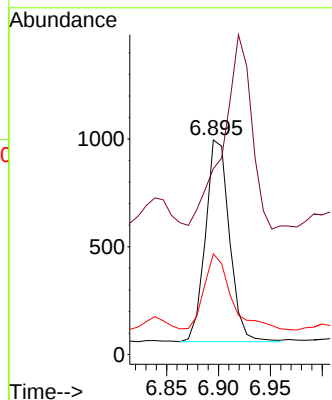
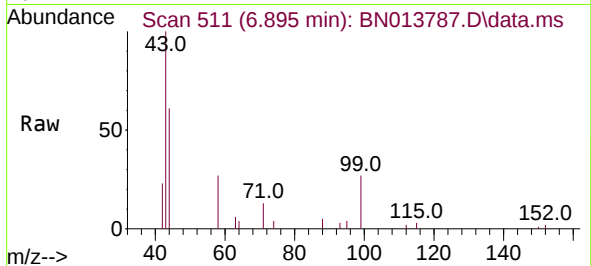




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

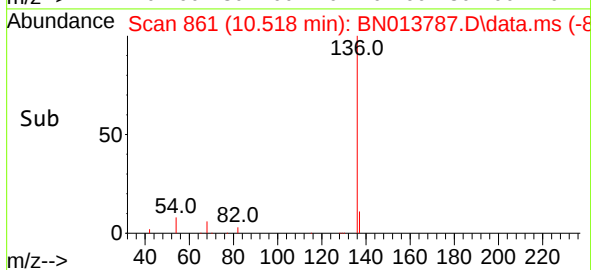
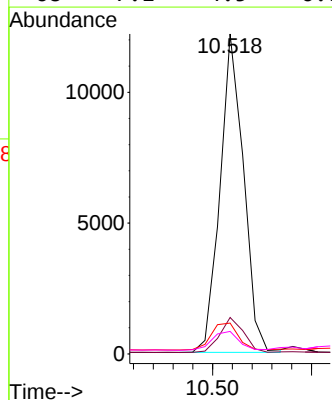
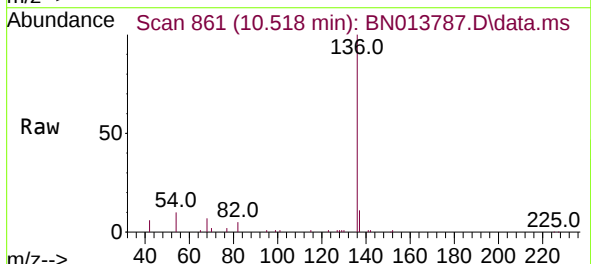
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ClientSampleId :
GW805-20-25-022521

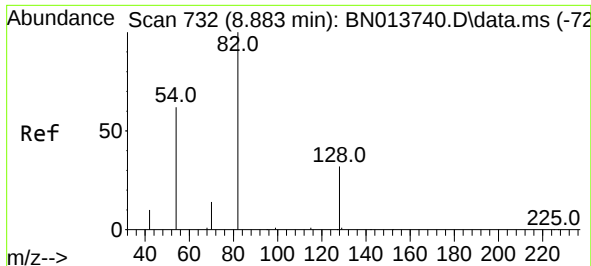
Tgt Ion: 99 Resp: 1503
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 42.6 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion: 136 Resp: 20081
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.6 6.4 9.6#
68 7.1 4.5 6.7#

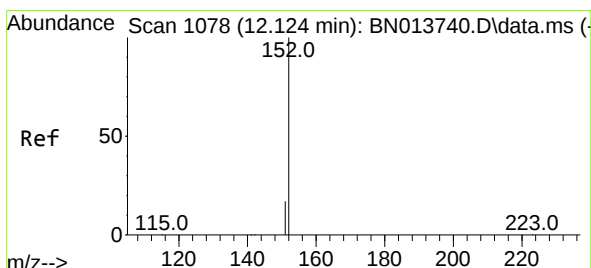
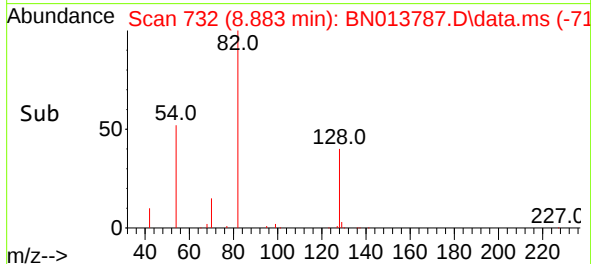
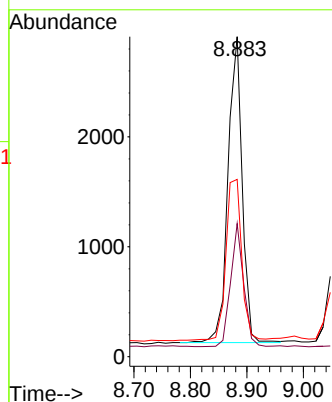
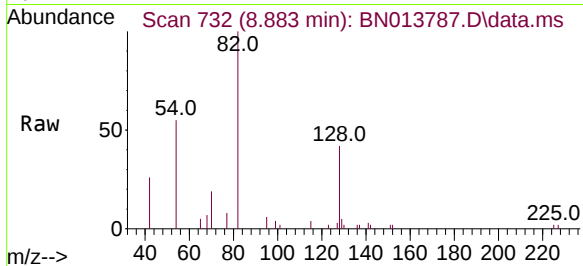




#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

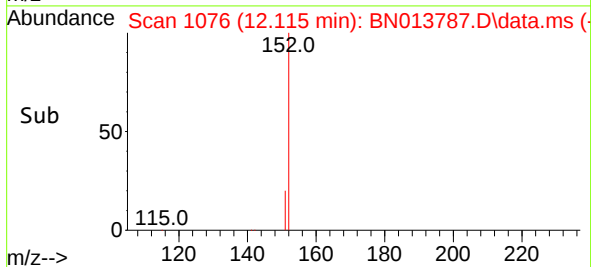
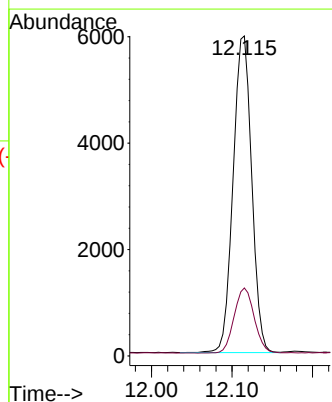
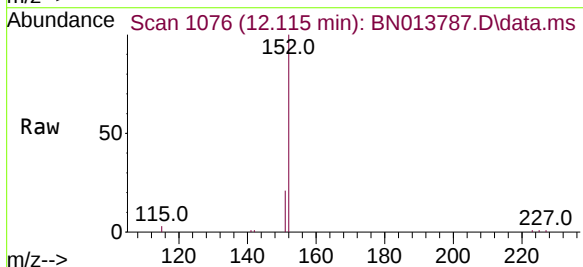
Instrument :
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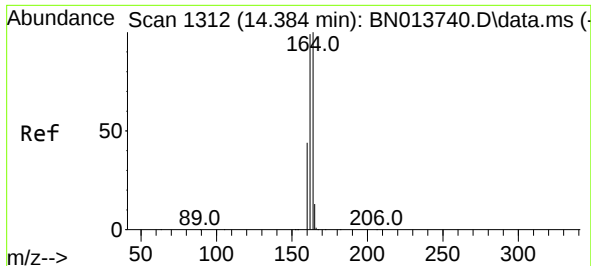
Tgt Ion: 82 Resp: 4872
Ion Ratio Lower Upper
82 100
128 41.6 39.2 58.8
54 55.4 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.115 min Scan# 1076
Delta R.T. -0.004 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion: 152 Resp: 9515
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.2

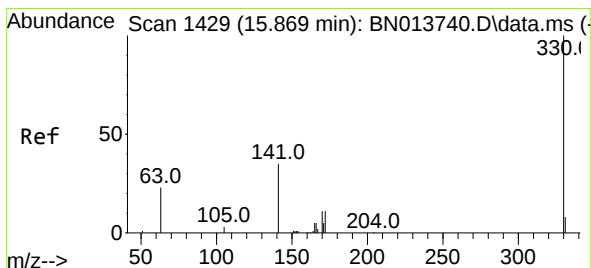
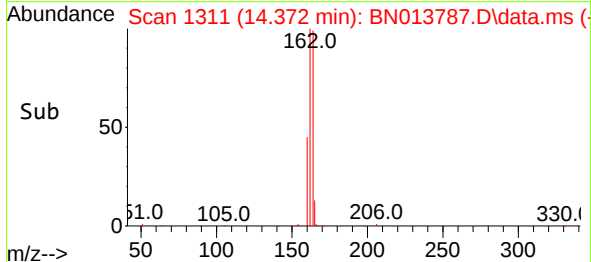
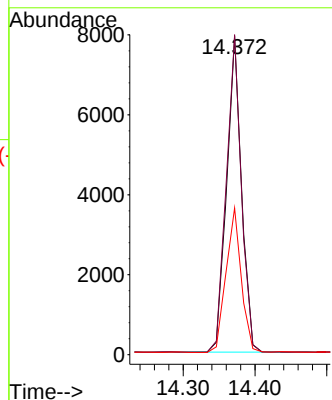
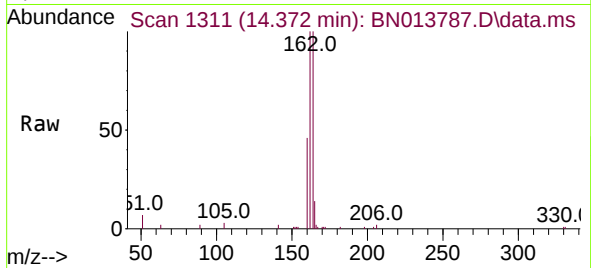




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

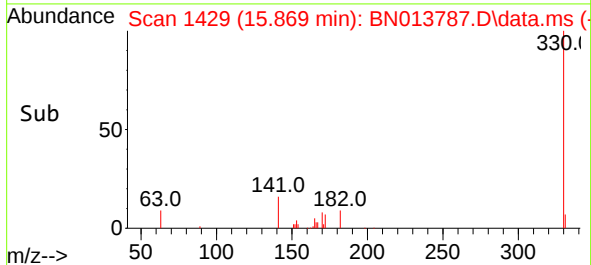
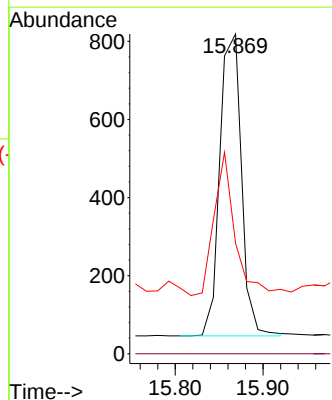
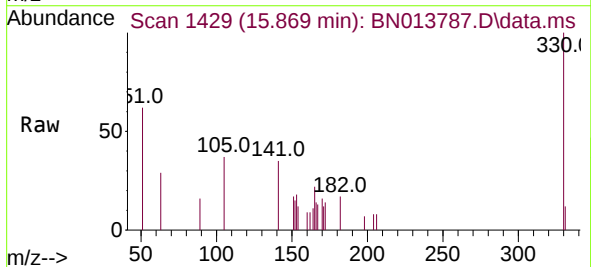
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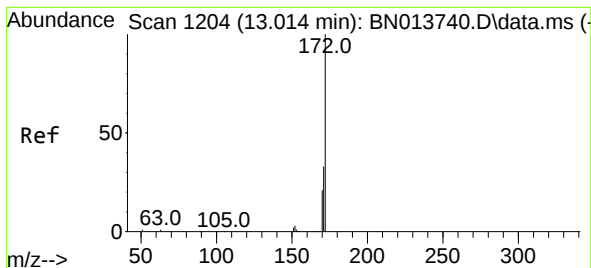
Tgt Ion:164 Resp: 11354
Ion Ratio Lower Upper
164 100
162 100.5 79.6 119.4
160 46.1 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion:330 Resp: 1328
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.8 26.8 40.2#

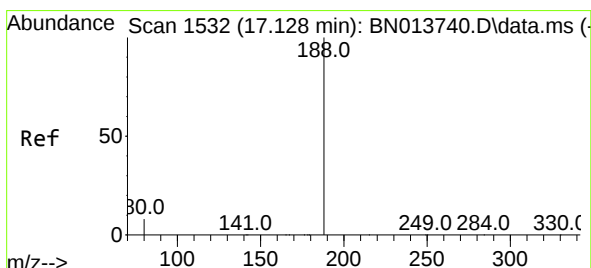
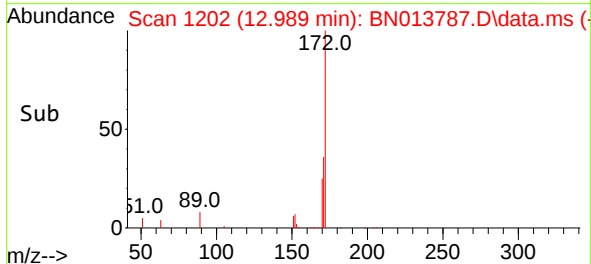
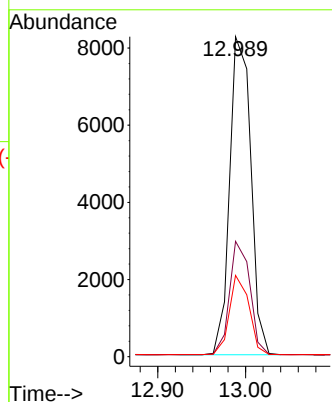
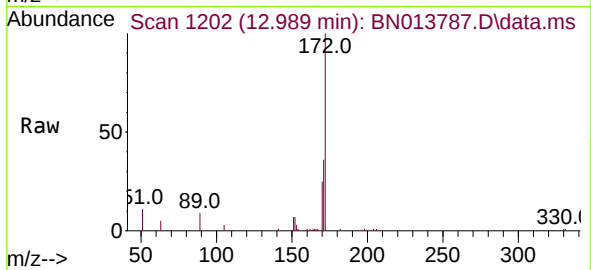




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

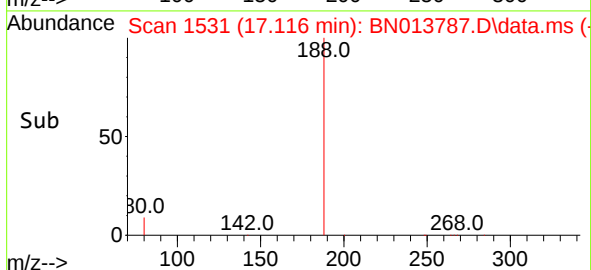
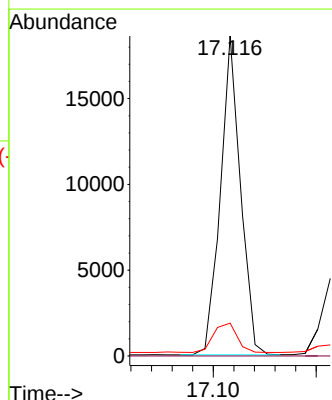
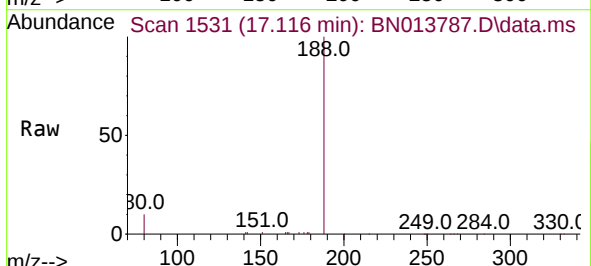
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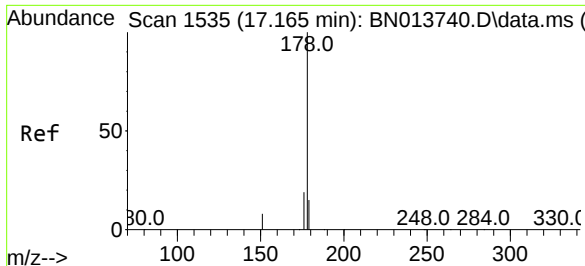
Tgt Ion:172 Resp: 13835
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 25.4 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion:188 Resp: 25139
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 9.0 13.6

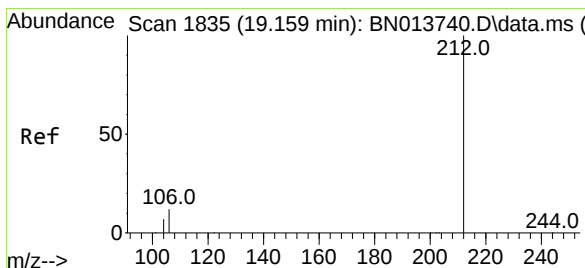
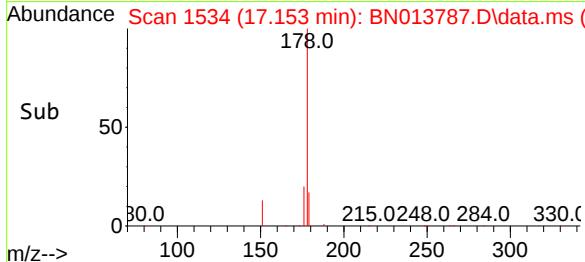
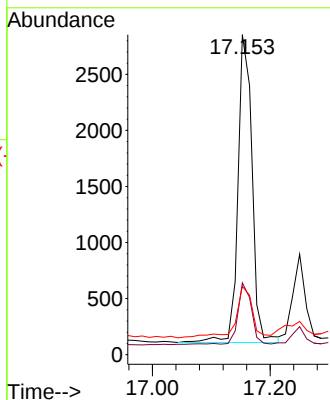
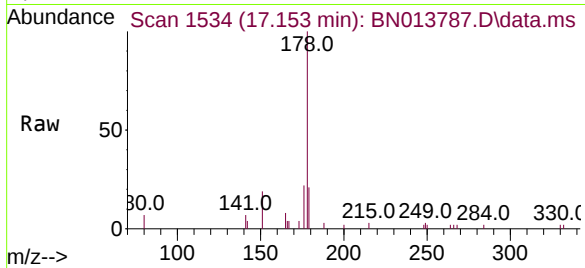




#25
Phenanthrene
Concen: 0.07 ng
RT: 17.153 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

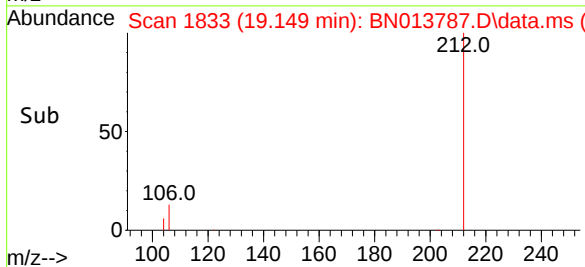
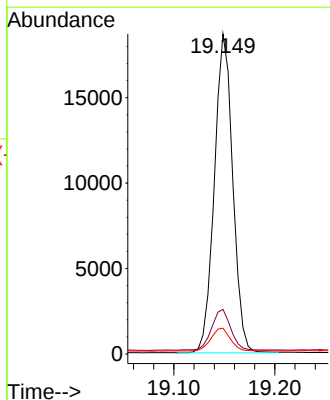
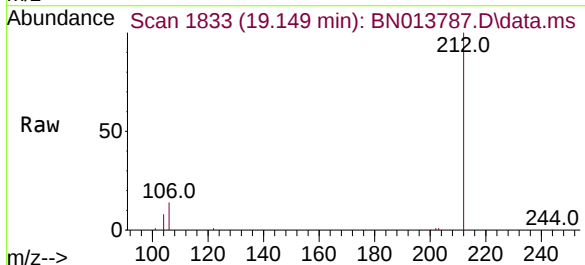
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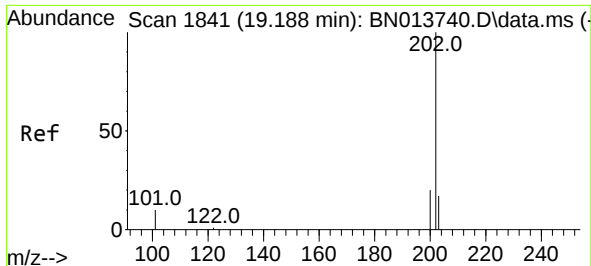
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Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 19.8 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion:212 Resp: 23674
Ion Ratio Lower Upper
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106 13.2 9.7 14.5
104 8.0 5.5 8.3

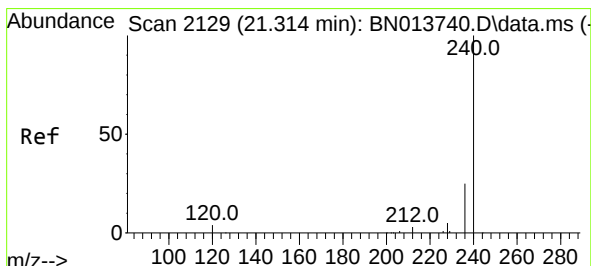
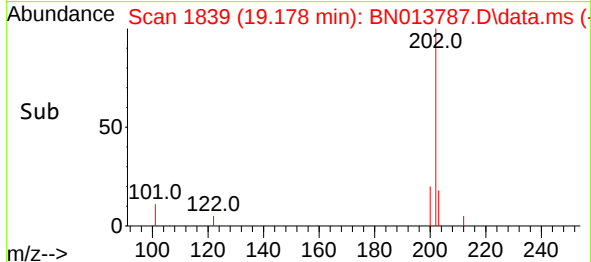
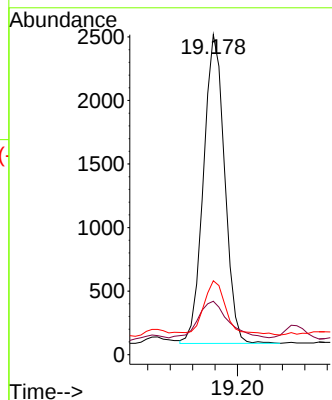
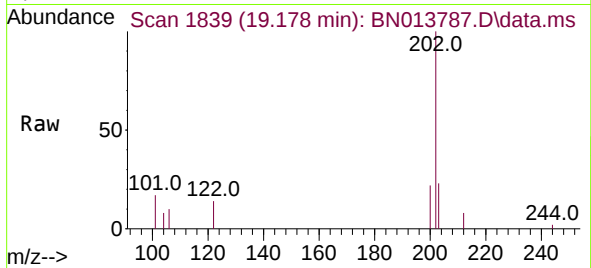




#28
Fluoranthene
Concen: 0.04 ng
RT: 19.178 min Scan# 1839
Delta R.T. -0.007 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

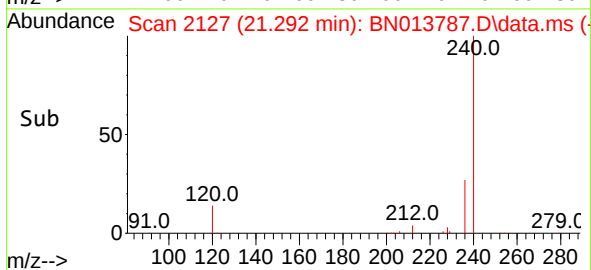
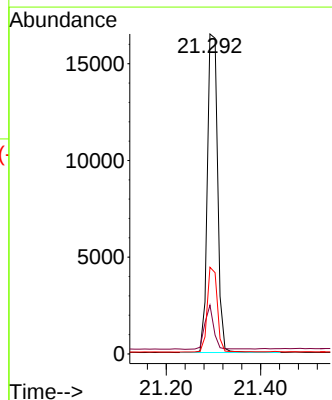
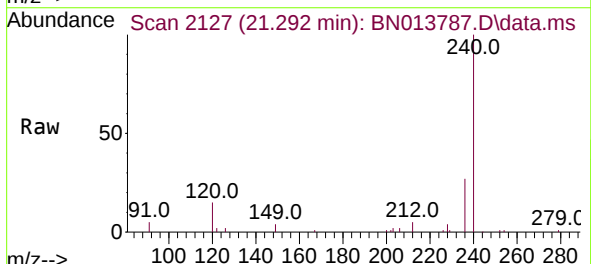
Instrument :
BNA_N
ClientSampleId :
GW805-20-25-022521

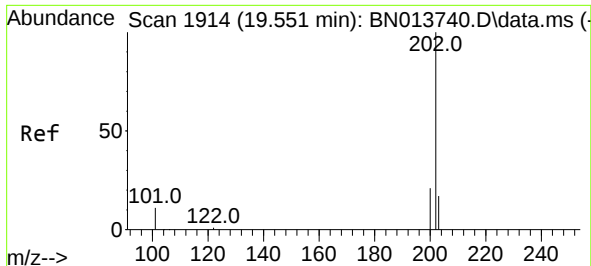
Tgt Ion:202 Resp: 3168
Ion Ratio Lower Upper
202 100
101 16.6 8.1 12.1#
203 18.9 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion:240 Resp: 24746
Ion Ratio Lower Upper
240 100
120 15.3 10.2 15.4
236 27.1 21.3 31.9

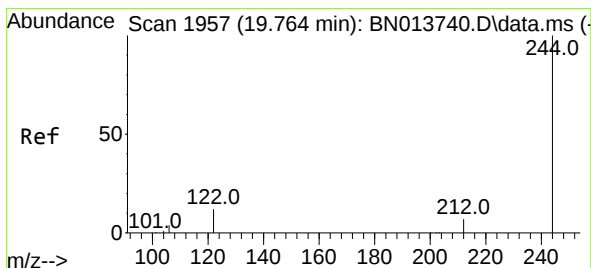
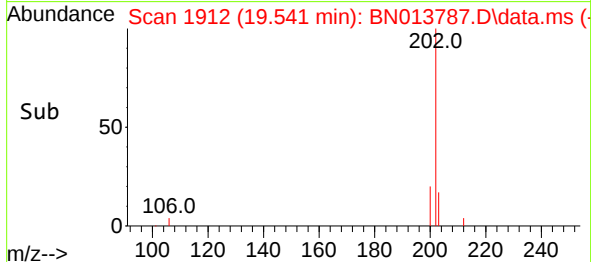
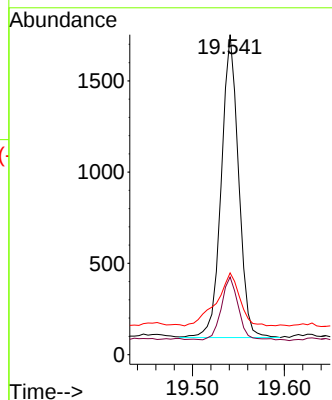
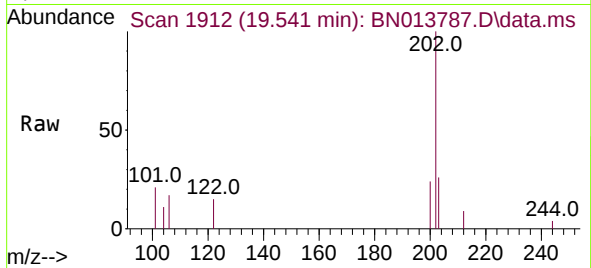




#30
Pyrene
Concen: 0.03 ng
RT: 19.541 min Scan# 1912
Delta R.T. -0.007 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

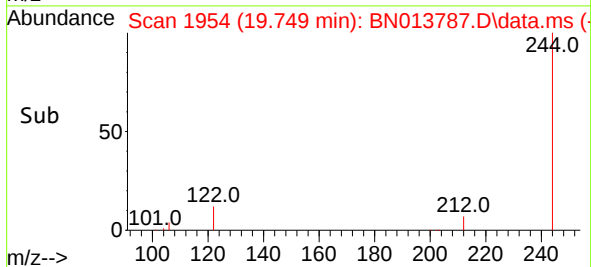
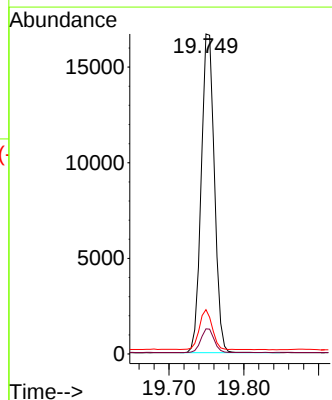
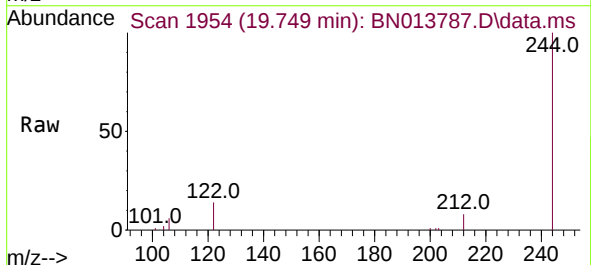
Instrument :
BNA_N
ClientSampleId :
GW805-20-25-022521

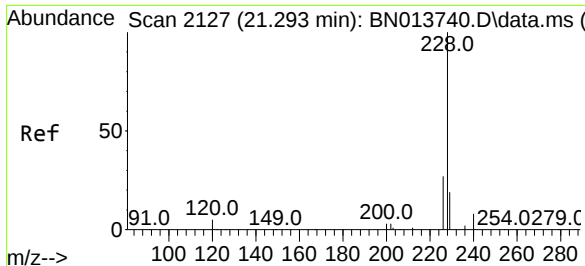
Tgt Ion:202 Resp: 2167
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 23.8 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.749 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion:244 Resp: 20378
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 13.9 9.8 14.8

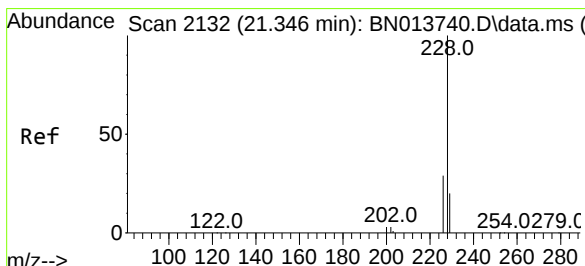
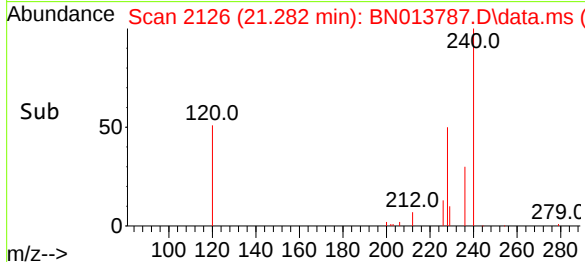
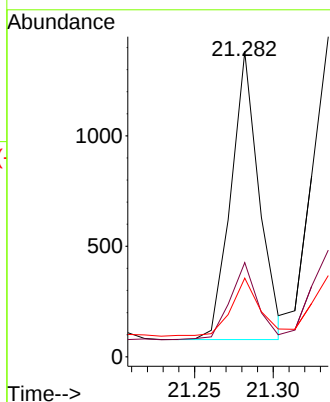
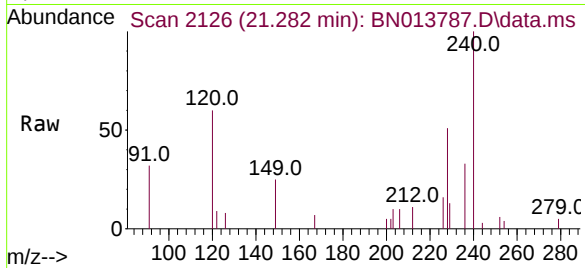




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

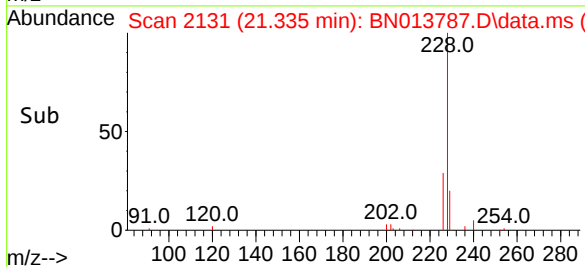
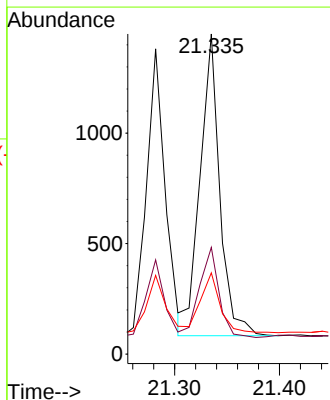
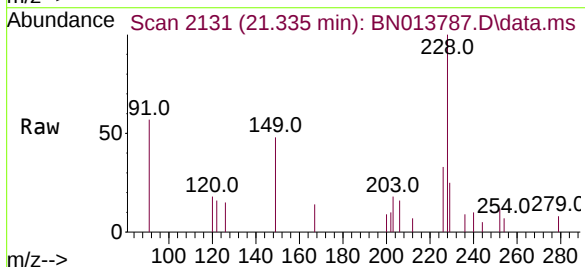
Instrument :
BNA_N
ClientSampleId :
GW805-20-25-022521

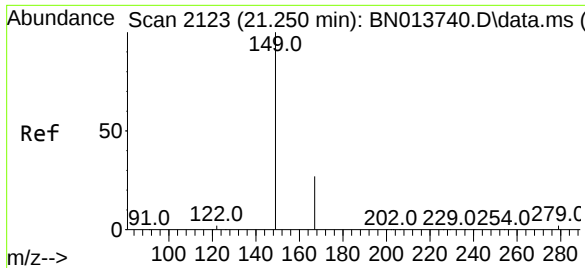
Tgt Ion:228 Resp: 1625
Ion Ratio Lower Upper
228 100
226 30.8 20.5 30.7#
229 25.8 16.2 24.4#



#33
Chrysene
Concen: 0.02 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion:228 Resp: 1784
Ion Ratio Lower Upper
228 100
226 33.3 24.3 36.5
229 25.4 15.1 22.7#

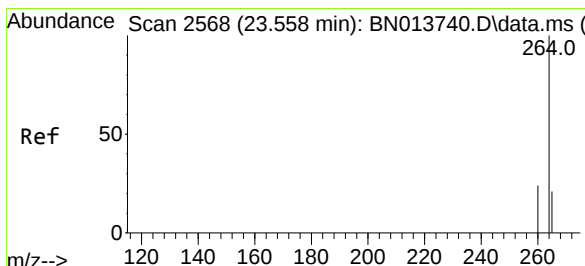
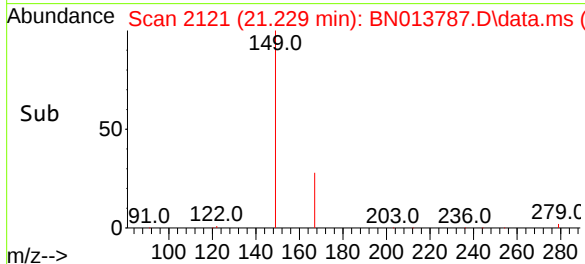
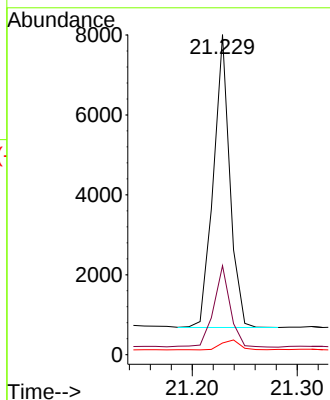
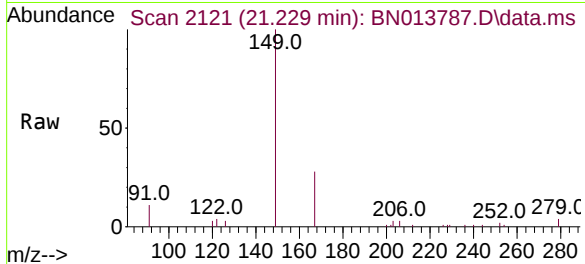




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.229 min Scan# 2121
 Delta R.T. -0.008 min
 Lab File: BN013787.D
 Acq: 26 Feb 2021 17:22

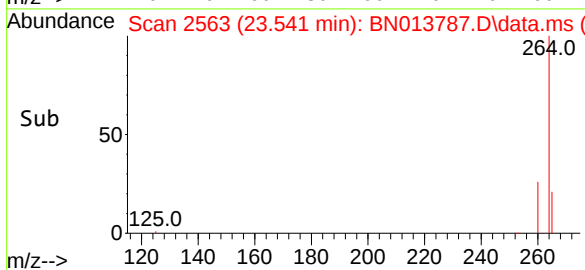
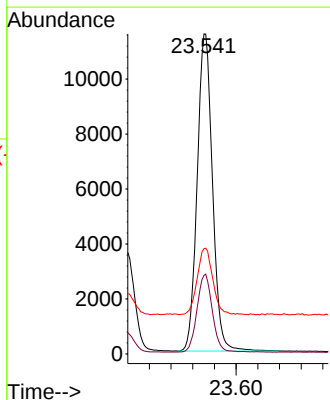
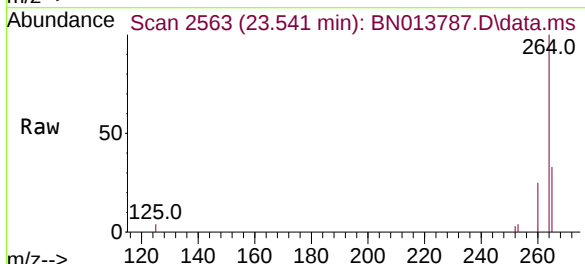
Instrument :
 BNA_N
 ClientSampleId :
 GW805-20-25-022521

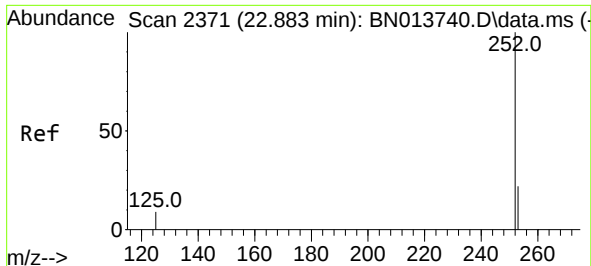
Tgt Ion:	149	Resp:	7969
Ion Ratio	Lower	Upper	
149	100		
167	28.0	22.1	33.1
279	4.0	3.5	5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.541 min Scan# 2563
 Delta R.T. -0.011 min
 Lab File: BN013787.D
 Acq: 26 Feb 2021 17:22

Tgt Ion:	264	Resp:	22581
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.3	28.9
265	32.9	66.2	99.4#

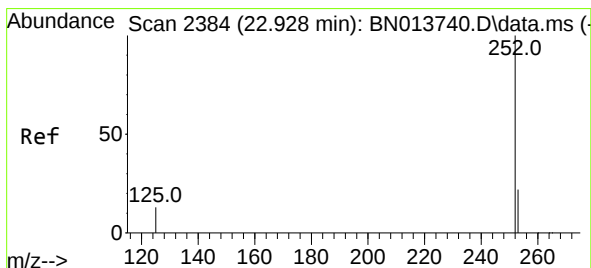
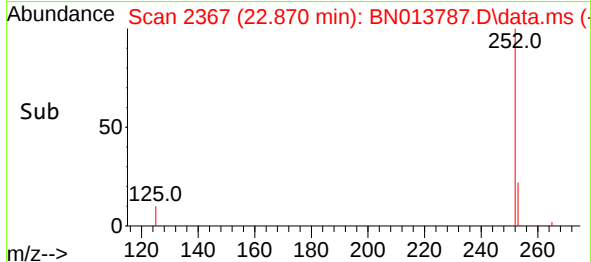
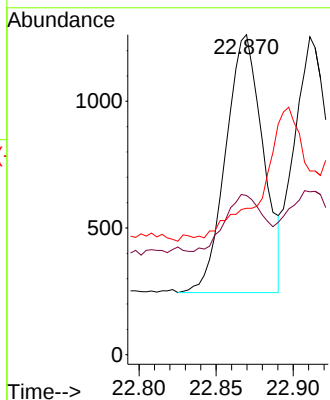
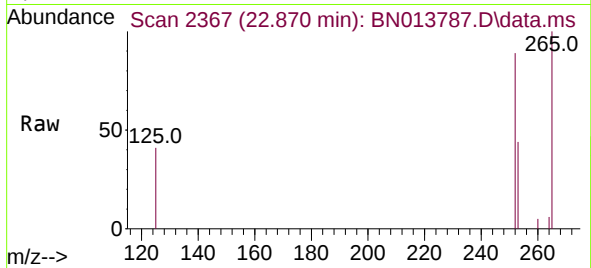




#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.870 min Scan# 2367
Delta R.T. -0.008 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

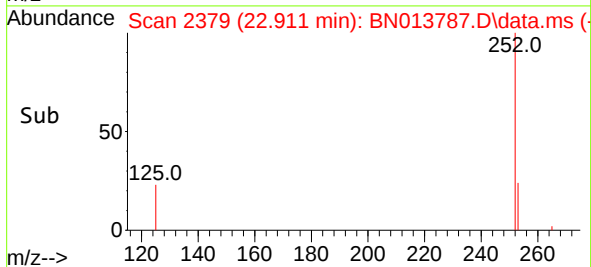
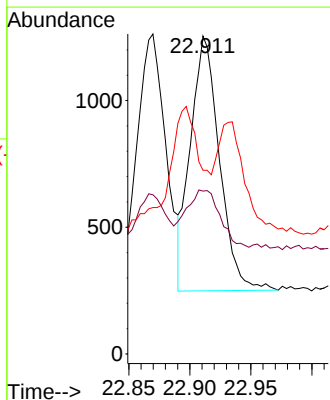
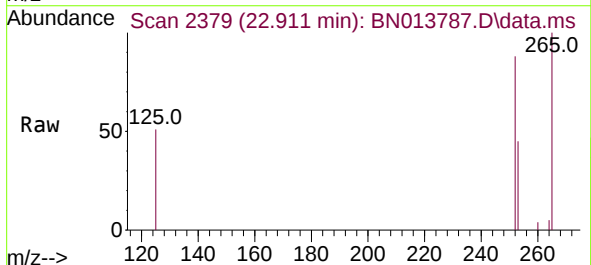
Instrument :
BNA_N
ClientSampleId :
GW805-20-25-022521

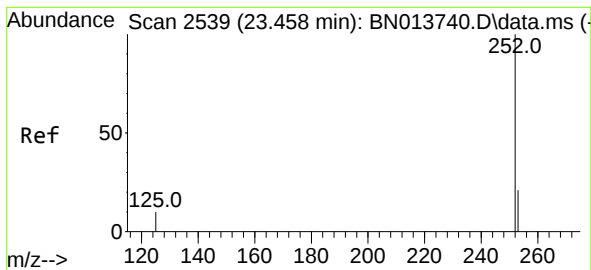
Tgt Ion:252 Resp: 1714
Ion Ratio Lower Upper
252 100
253 49.7 20.4 30.6#
125 45.8 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.911 min Scan# 2379
Delta R.T. -0.011 min
Lab File: BN013787.D
Acq: 26 Feb 2021 17:22

Tgt Ion:252 Resp: 1663
Ion Ratio Lower Upper
252 100
253 51.2 20.5 30.7#
125 57.8 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.441 min Scan# 2534

Delta R.T. -0.014 min

Lab File: BN013787.D

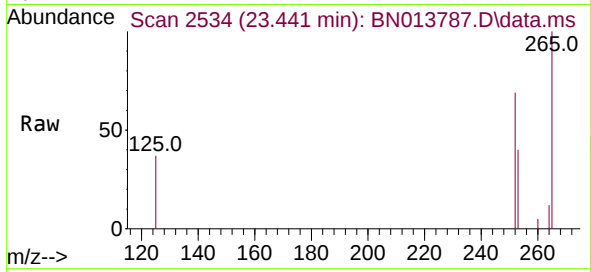
Acq: 26 Feb 2021 17:22

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:252 Resp: 1444

Ion Ratio Lower Upper

252 100

253 58.2 21.8 32.6#

125 53.5 14.6 21.8#

