

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
 Data File : BN013808.D
 Acq On : 02 Mar 2021 14:39
 Operator : CG/JU
 Sample : M1535-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-20-25-022721

Quant Time: Mar 02 15:14:50 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)

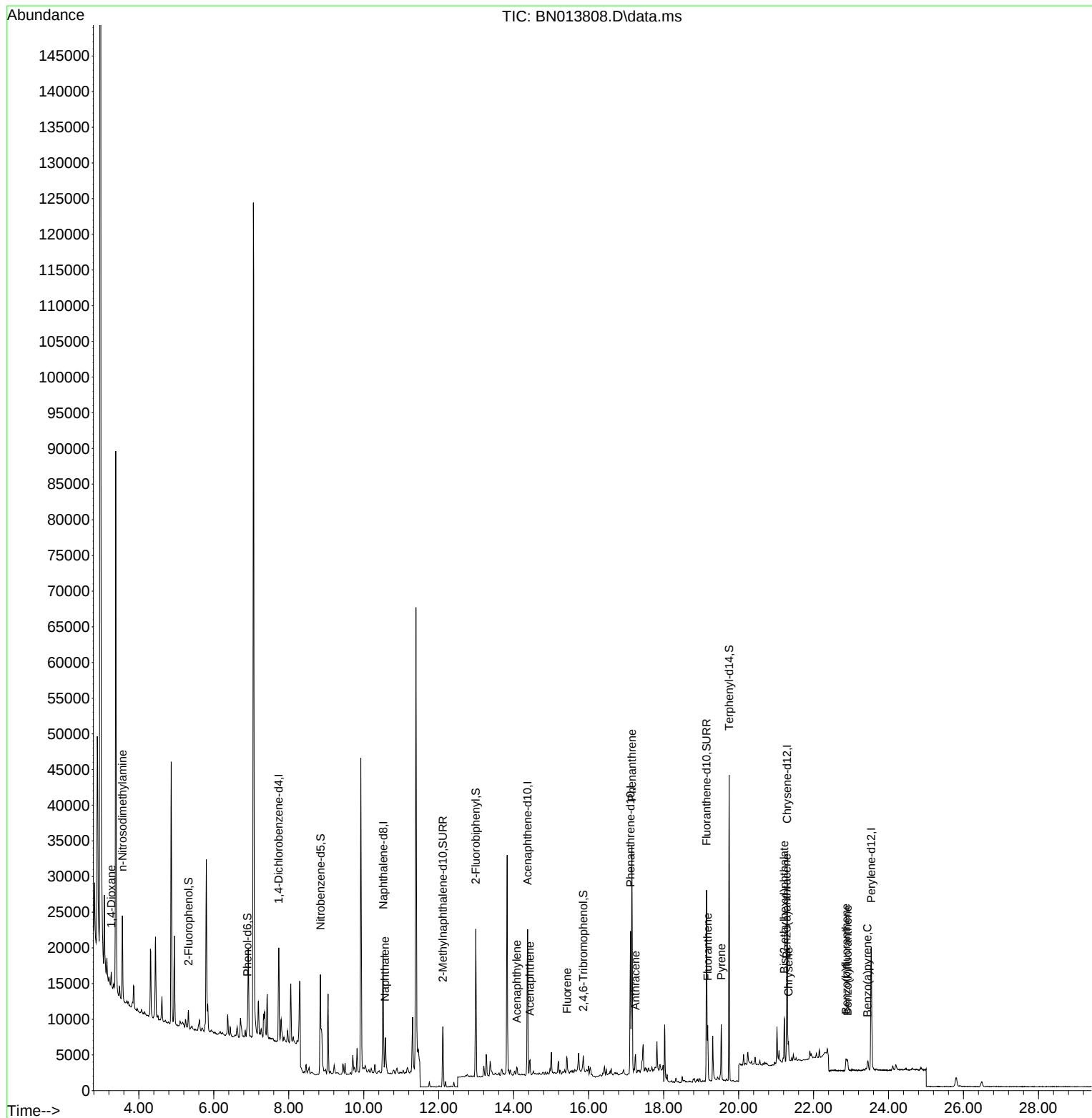
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	5609	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	21935	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	12064	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	26116	0.40	ng	#-0.01
29) Chrysene-d12	21.290	240	25532	0.40	ng	-0.01
36) Perylene-d12	23.538	264	23150	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1841	0.12	ng	0.00
5) Phenol-d6	6.895	99	1437	0.07	ng	0.00
8) Nitrobenzene-d5	8.845	82	12096	0.86	ng	-0.04
11) 2-Methylnaphthalene-d10	12.111	152	10200	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	1494	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	16582	0.39	ng	-0.01
27) Fluoranthene-d10	19.146	212	28984	0.38	ng	0.00
31) Terphenyl-d14	19.747	244	40050	0.71	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	1166	0.17	ng	# 1
3) n-Nitrosodimethylamine	3.561	42	886	0.17	ng	# 1
9) Naphthalene	10.568	128	1605	0.03	ng	# 79
16) Acenaphthylene	14.080	152	1293	0.02	ng	97
17) Acenaphthene	14.435	154	1156	0.03	ng	94
18) Fluorene	15.425	166	1683	0.04	ng	# 91
25) Phenanthrene	17.152	178	31457	0.46	ng	99
26) Anthracene	17.250	178	2955	0.04	ng	98
28) Fluoranthene	19.176	202	6211	0.08	ng	# 88
30) Pyrene	19.538	202	6540	0.08	ng	97
32) Benzo(a)anthracene	21.279	228	2212	0.03	ng	# 90
33) Chrysene	21.332	228	2533	0.03	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.215	149	6992	0.19	ng	96
37) Benzo(b)fluoranthene	22.864	252	1959	0.03	ng	# 42
38) Benzo(k)fluoranthene	22.908	252	1723	0.02	ng	# 37
39) Benzo(a)pyrene	23.439	252	1576	0.02	ng	# 8

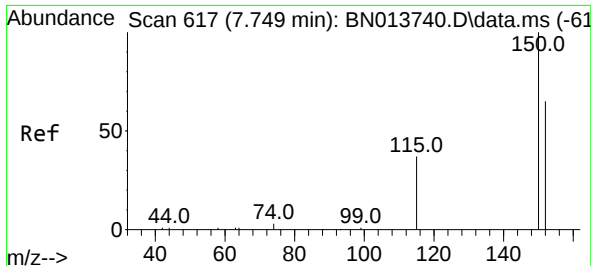
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
Data File : BN013808.D
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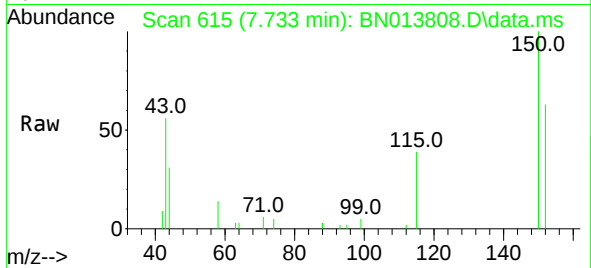
Quant Time: Mar 02 15:14:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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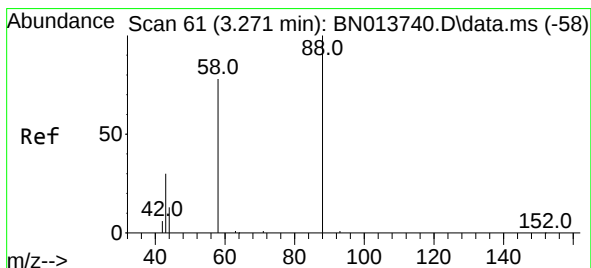
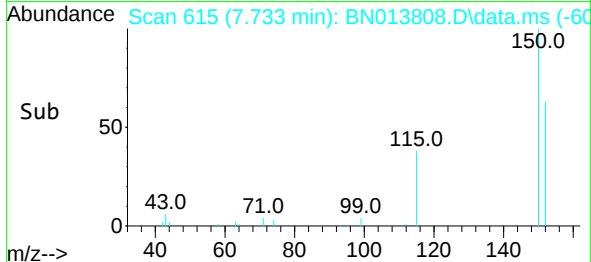
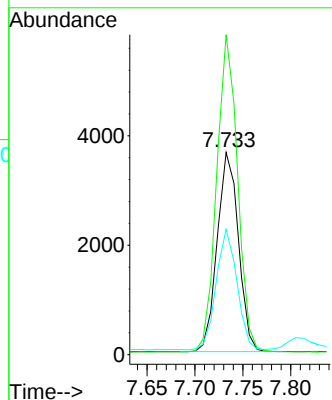


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.733 min Scan# 615
 Delta R.T. -0.008 min
 Lab File: BN013808.D
 Acq: 02 Mar 2021 14:39

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-20-25-022721

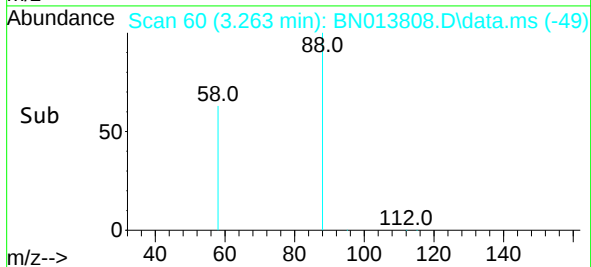
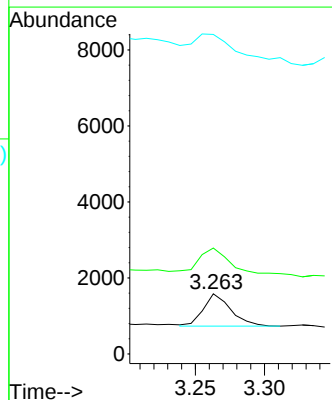
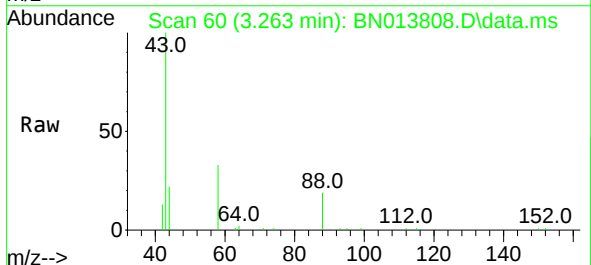


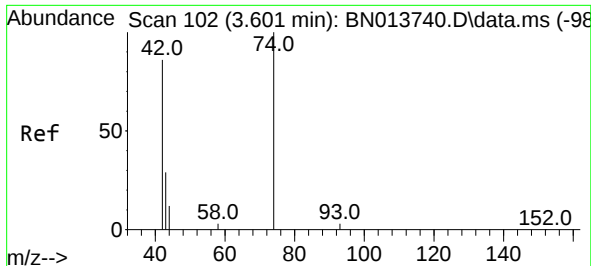
Tgt Ion: 152 Resp: 5609
 Ion Ratio Lower Upper
 152 100
 150 158.2 121.8 182.8
 115 62.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.17 ng
 RT: 3.263 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BN013808.D
 Acq: 02 Mar 2021 14:39

Tgt Ion: 88 Resp: 1166
 Ion Ratio Lower Upper
 88 100
 58 122.7 64.6 96.8#
 43 170.0 26.6 40.0#

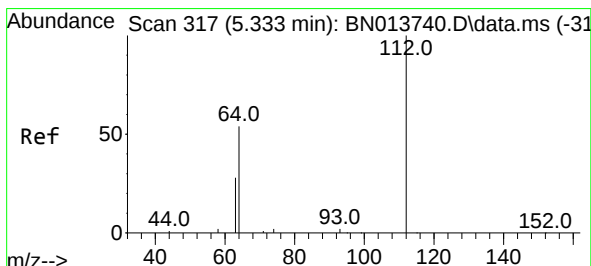
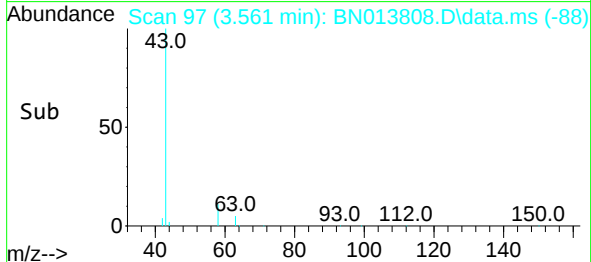
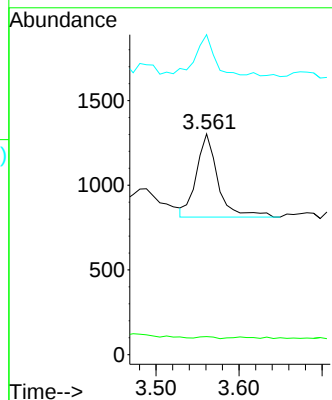
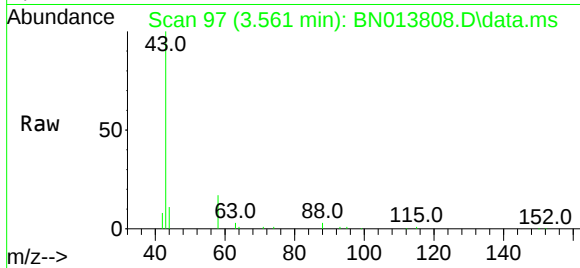




#3
n-Nitrosodimethylamine
Concen: 0.17 ng
RT: 3.561 min Scan# 97
Delta R.T. -0.024 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

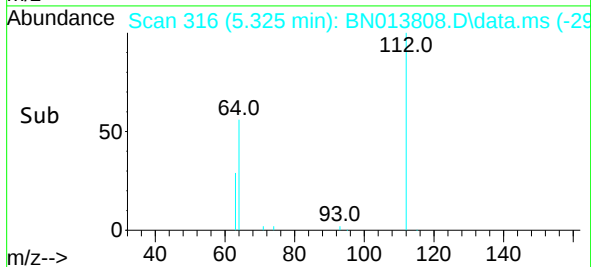
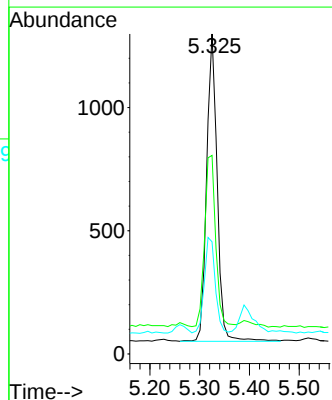
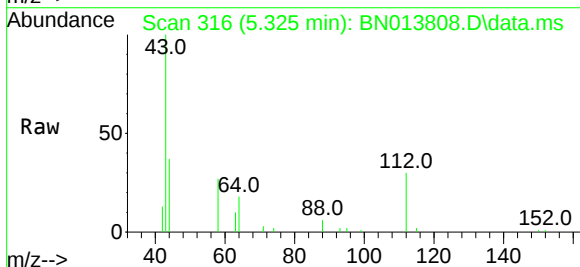
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ClientSampleId :
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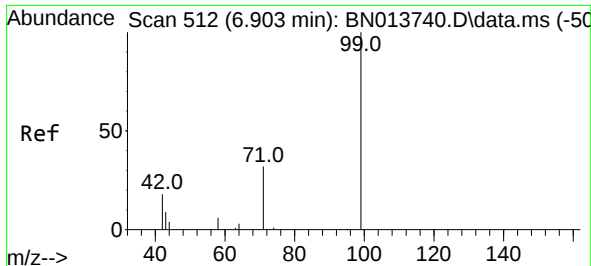
Tgt Ion: 42 Resp: 886
Ion Ratio Lower Upper
42 100
74 1.8 95.0 142.6#
44 39.4 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion: 112 Resp: 1841
Ion Ratio Lower Upper
112 100
64 58.4 44.3 66.5
63 31.8 23.0 34.6

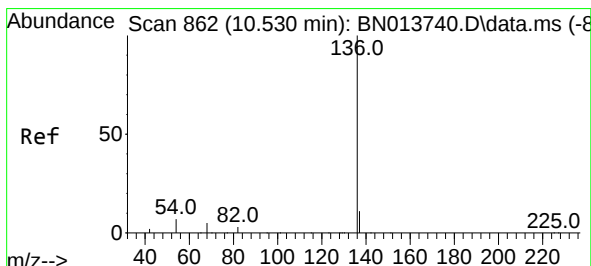
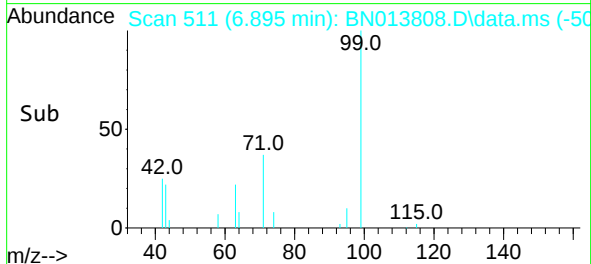
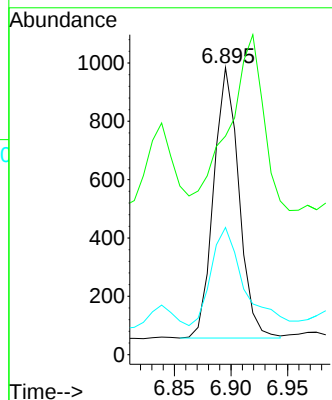
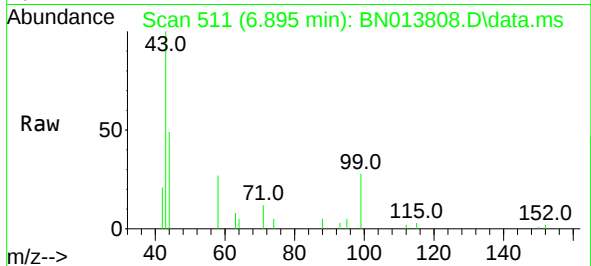




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

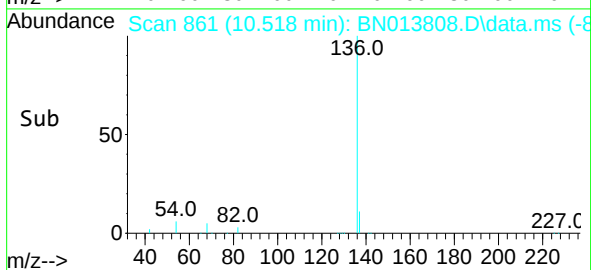
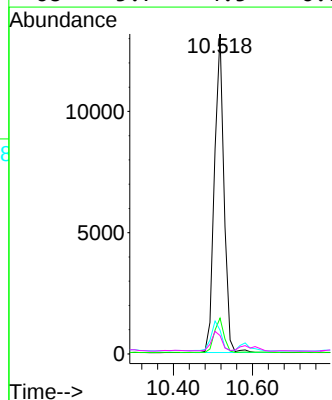
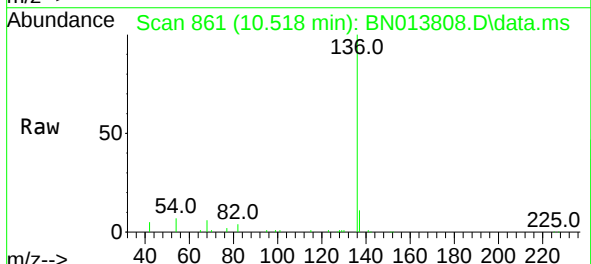
Instrument :
BNA_N
ClientSampleId :
GW807B-20-25-022721

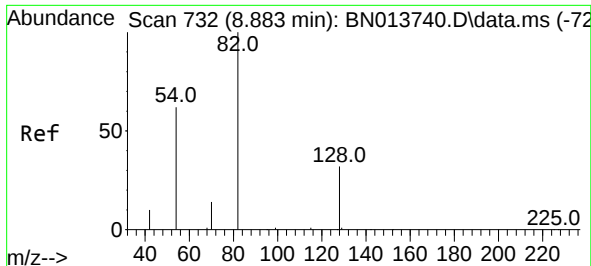
Tgt Ion: 99 Resp: 1437
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 47.5 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion: 136 Resp: 21935
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.5 6.4 9.6
68 5.7 4.5 6.7

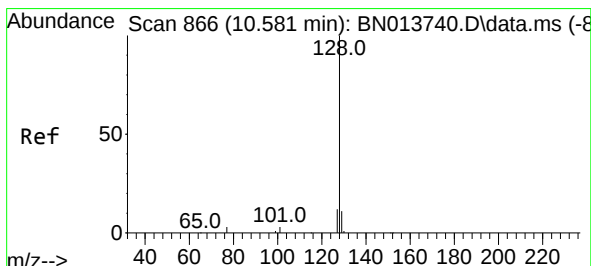
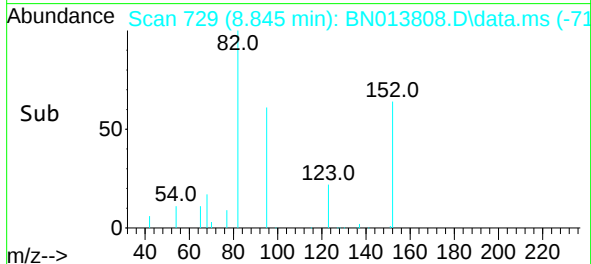
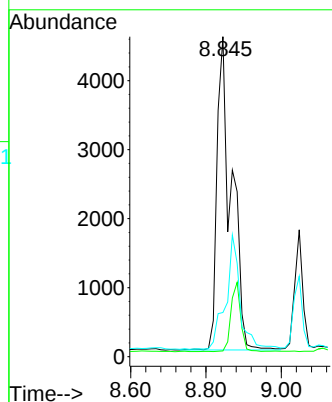
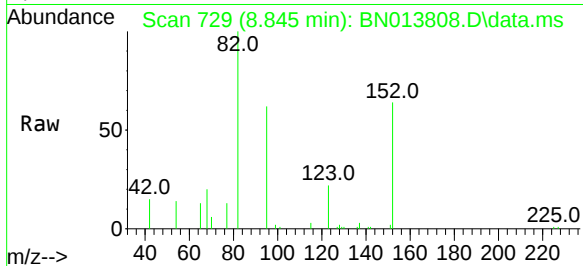




#8
Nitrobenzene-d5
Concen: 0.86 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.038 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

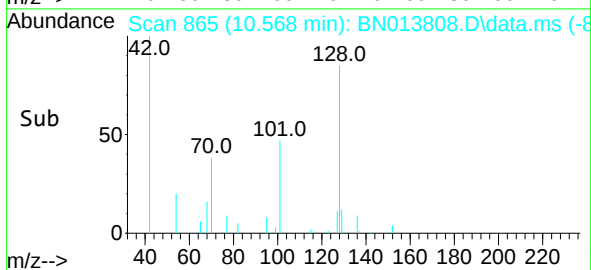
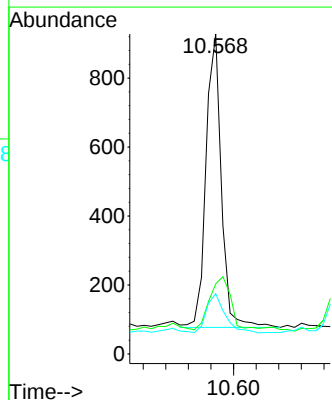
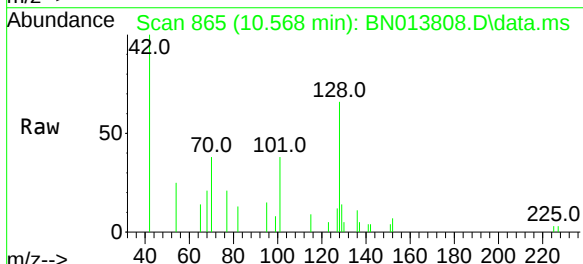
Instrument :
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ClientSampleId :
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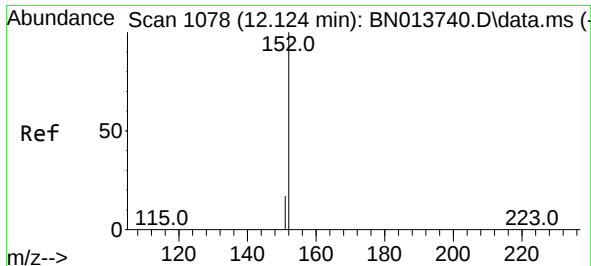
Tgt Ion: 82 Resp: 12096
Ion Ratio Lower Upper
82 100
128 1.8 39.2 58.8#
54 13.8 40.1 60.1#



#9
Naphthalene
Concen: 0.03 ng
RT: 10.568 min Scan# 865
Delta R.T. 0.000 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion: 128 Resp: 1605
Ion Ratio Lower Upper
128 100
129 21.9 9.0 13.4#
127 18.9 10.4 15.6#

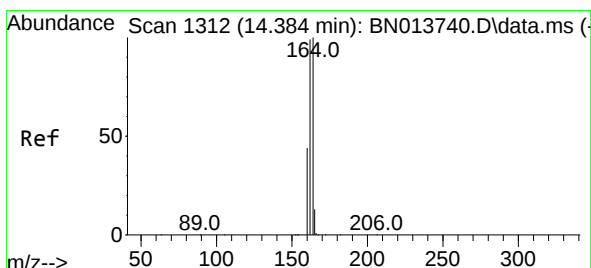
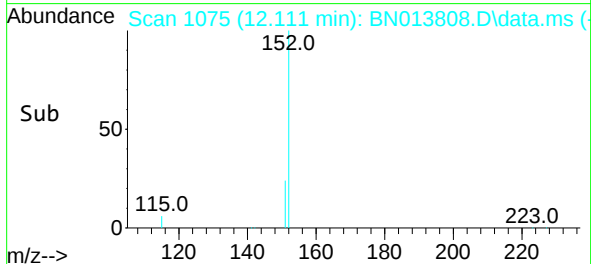
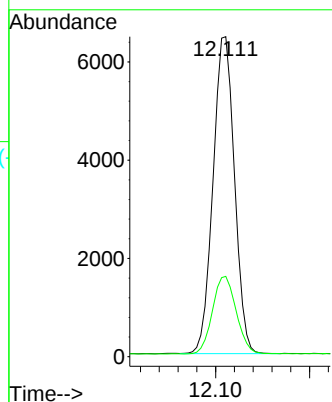
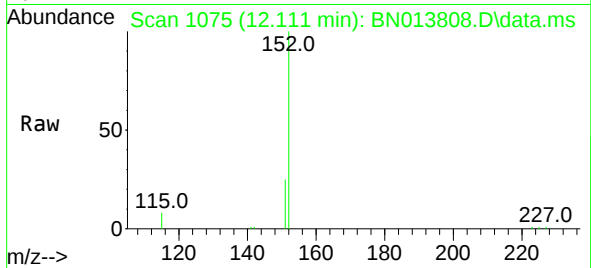




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

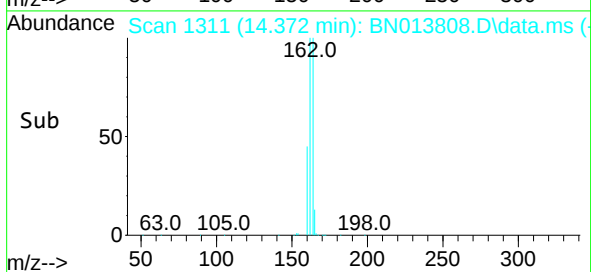
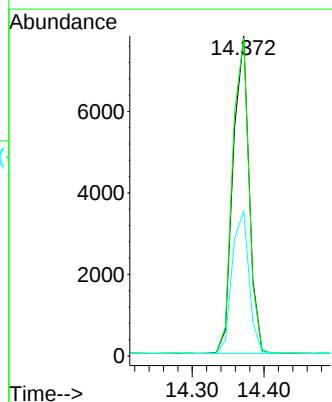
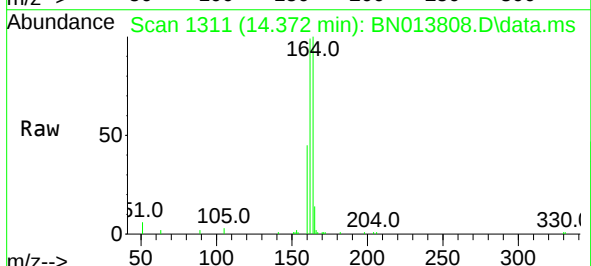
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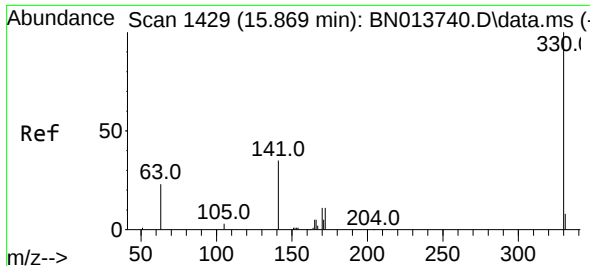
Tgt Ion:152 Resp: 10200
Ion Ratio Lower Upper
152 100
151 27.2 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:164 Resp: 12064
Ion Ratio Lower Upper
164 100
162 99.4 79.6 119.4
160 45.2 36.0 54.0

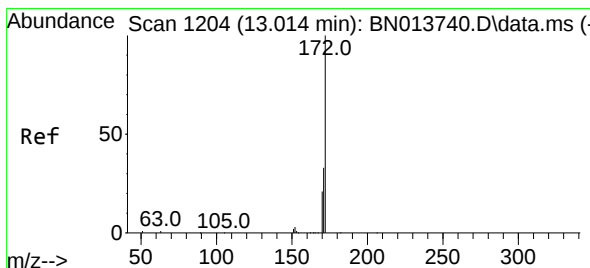
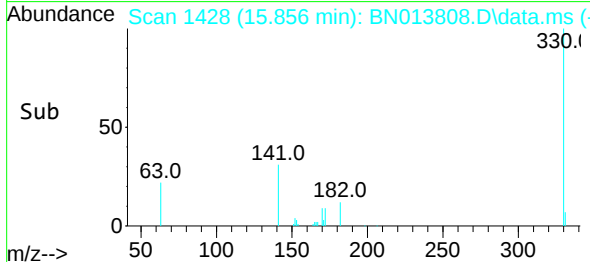
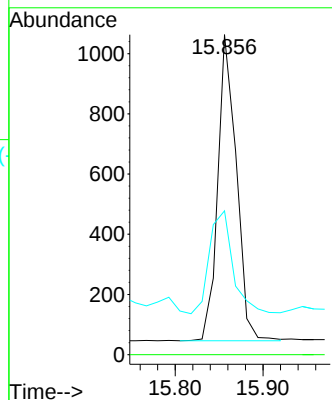
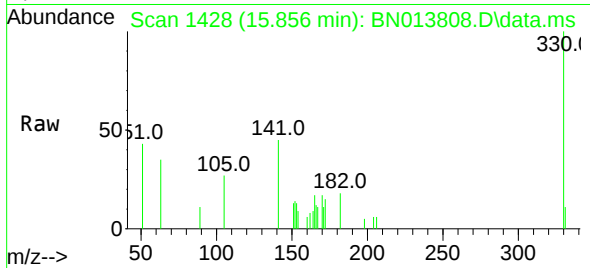




#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

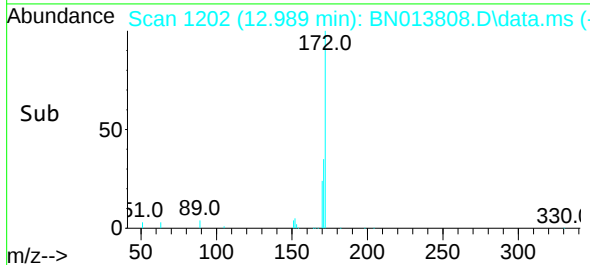
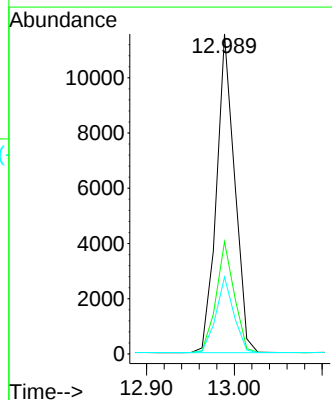
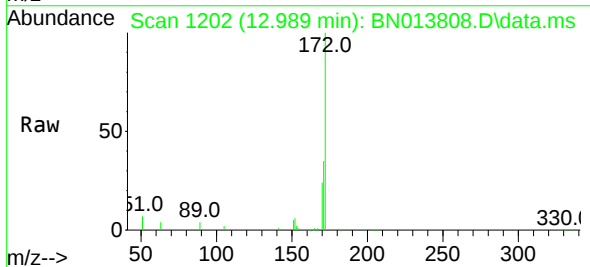
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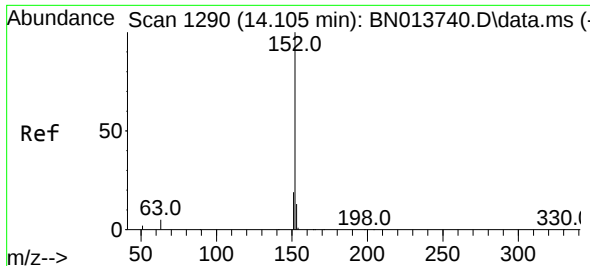
Tgt Ion:330 Resp: 1494
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.6 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:172 Resp: 16582
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 24.1 18.9 28.3

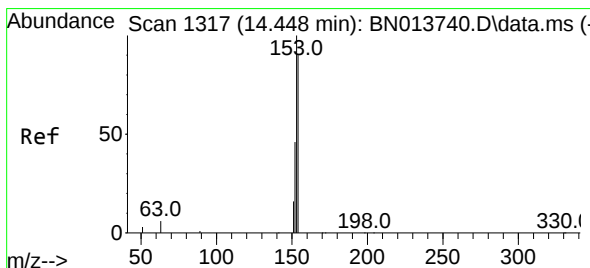
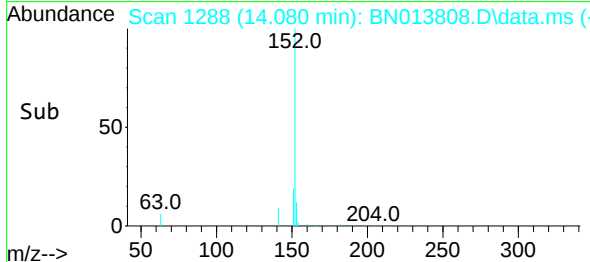
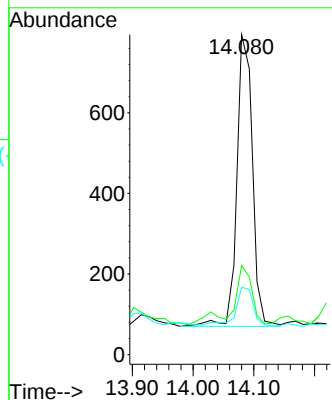
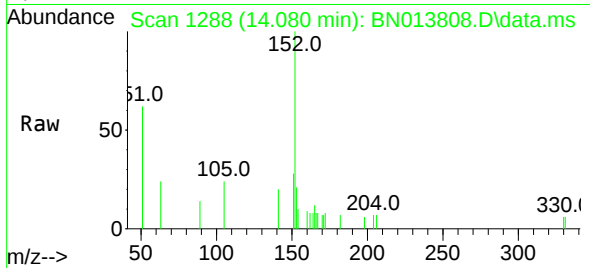




#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.080 min Scan# 1288
Delta R.T. -0.013 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

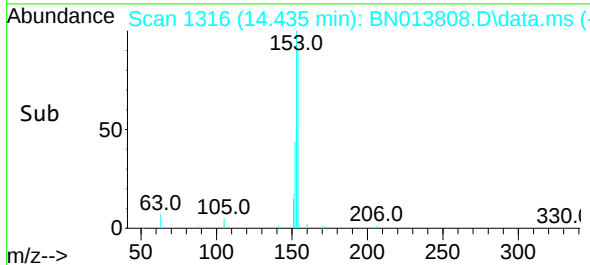
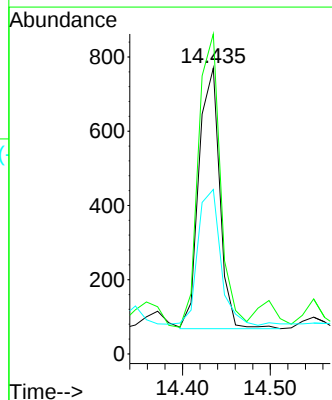
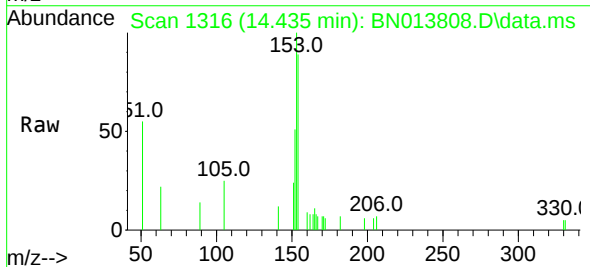
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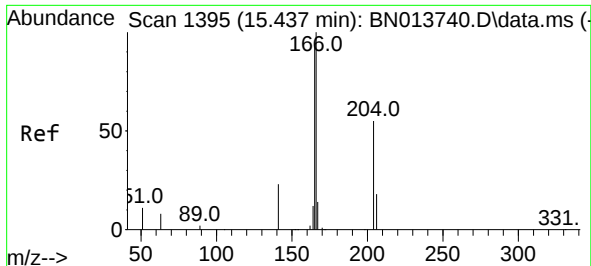
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Ion Ratio Lower Upper
152 100
151 18.9 15.7 23.5
153 14.9 10.5 15.7



#17
Acenaphthene
Concen: 0.03 ng
RT: 14.435 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:154 Resp: 1156
Ion Ratio Lower Upper
154 100
153 118.3 88.4 132.6
152 56.9 43.0 64.4

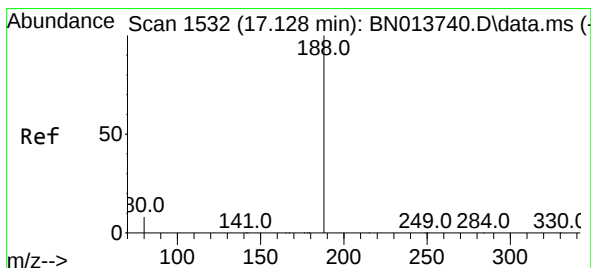
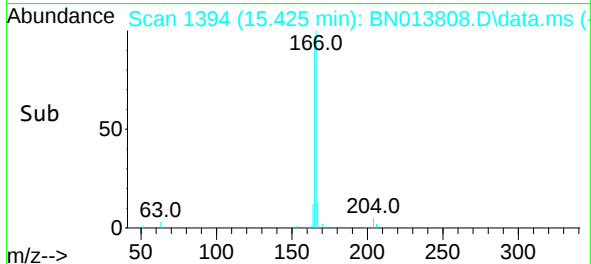
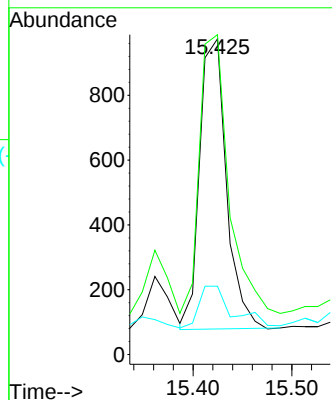
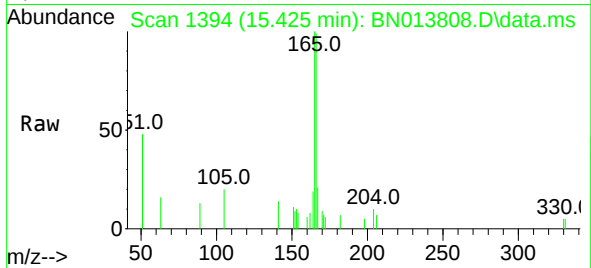




#18
Fluorene
Concen: 0.04 ng
RT: 15.425 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

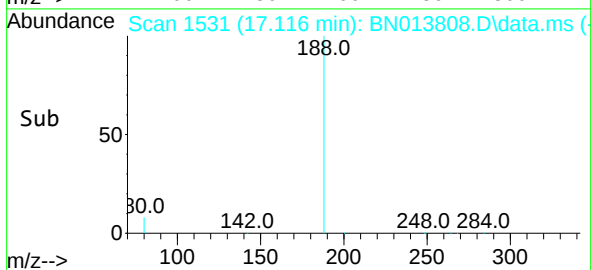
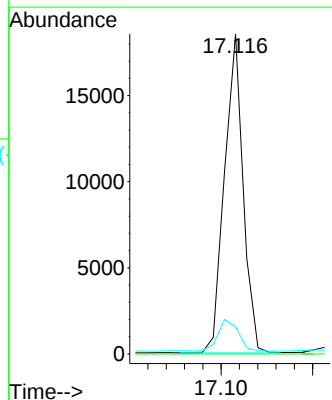
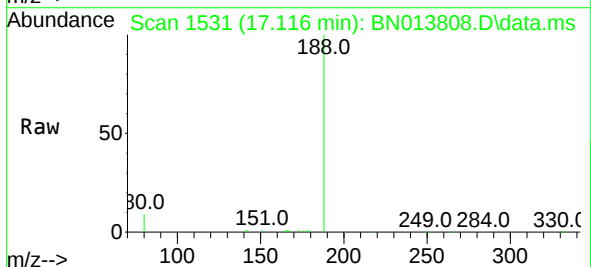
Instrument :
BNA_N
ClientSampleId :
GW807B-20-25-022721

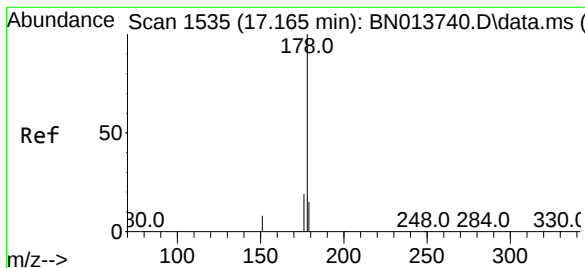
Tgt Ion:166 Resp: 1683
Ion Ratio Lower Upper
166 100
165 106.0 77.8 116.8
167 18.5 10.6 16.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:188 Resp: 26116
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 9.0 13.6#





#25

Phenanthrene

Concen: 0.46 ng

RT: 17.152 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BN013808.D

Acq: 02 Mar 2021 14:39

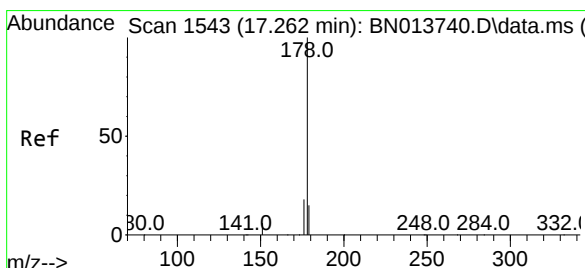
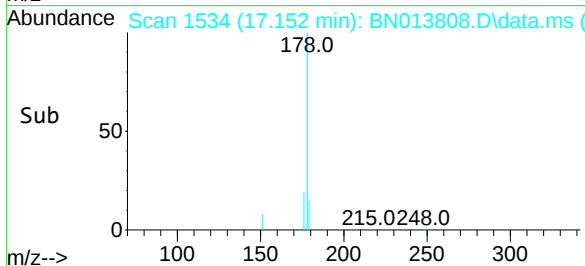
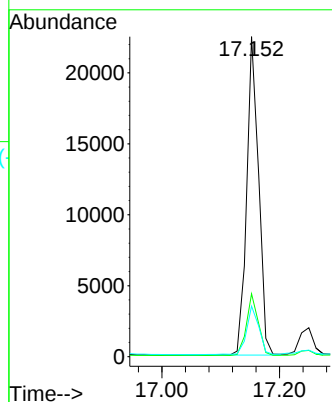
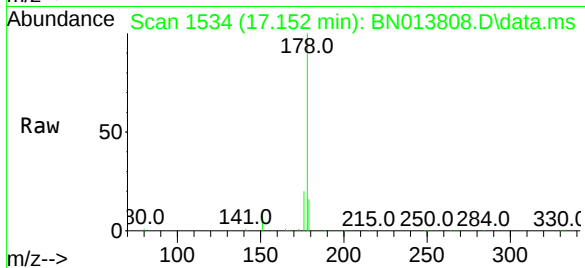
Tgt Ion:178 Resp: 31457

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

179 15.8 12.3 18.5



#26

Anthracene

Concen: 0.04 ng

RT: 17.250 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BN013808.D

Acq: 02 Mar 2021 14:39

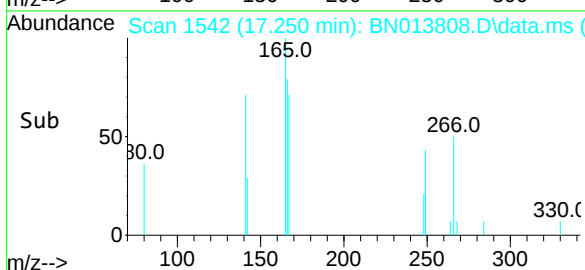
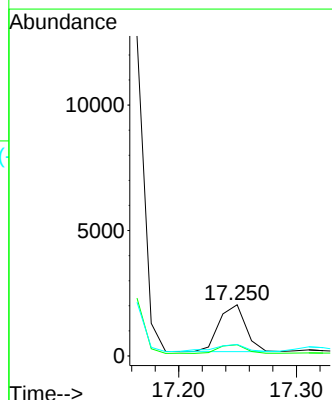
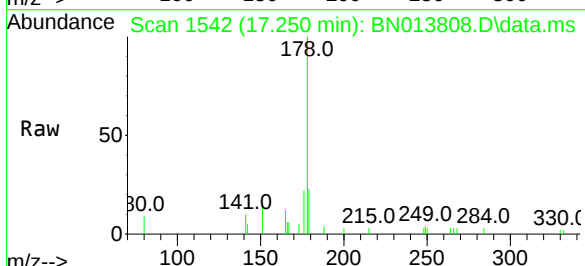
Tgt Ion:178 Resp: 2955

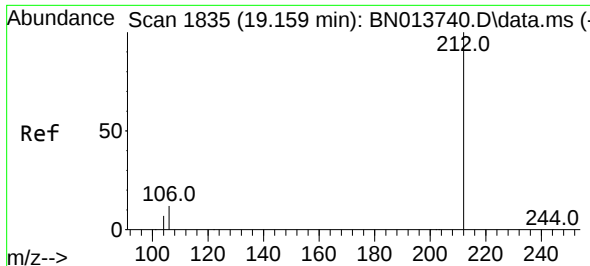
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 17.0 12.2 18.2

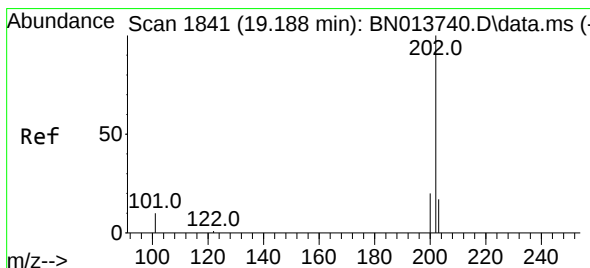
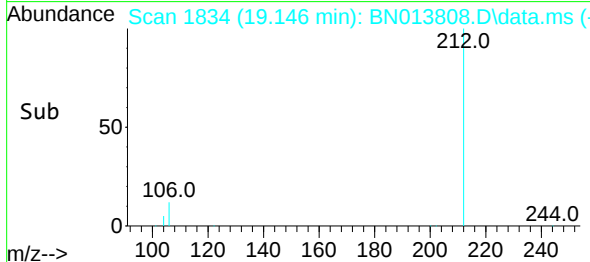
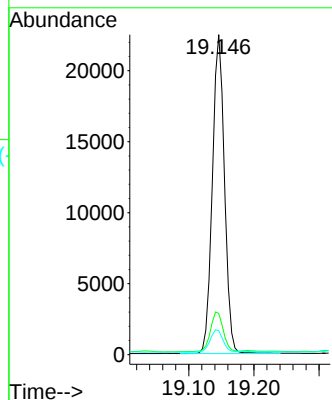
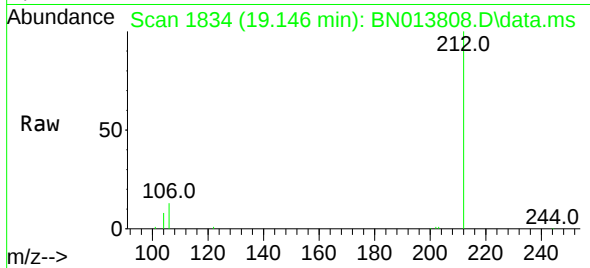




#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.146 min Scan# 1834
Delta R.T. -0.010 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

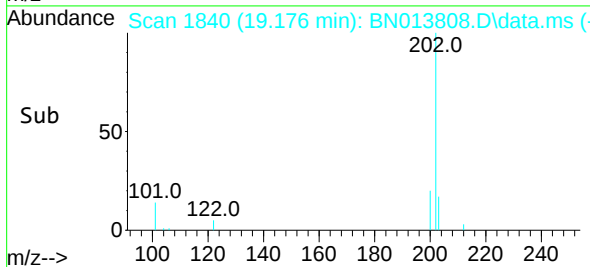
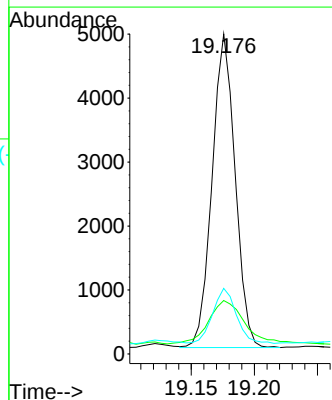
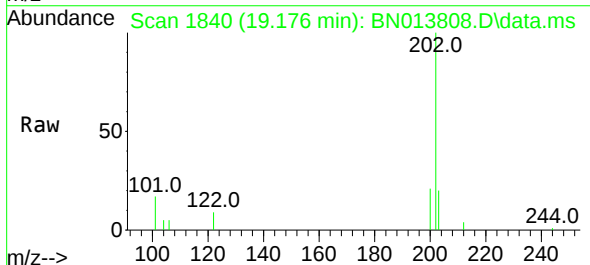
Instrument :
BNA_N
ClientSampleId :
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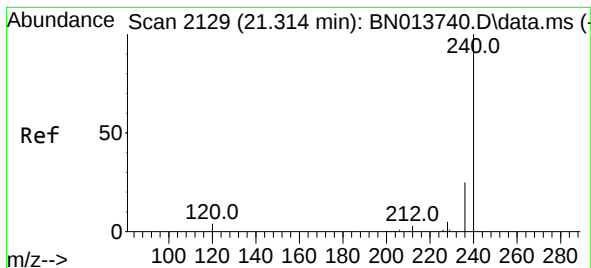
Tgt Ion:212 Resp: 28984
Ion Ratio Lower Upper
212 100
106 13.5 9.7 14.5
104 7.5 5.5 8.3



#28
Fluoranthene
Concen: 0.08 ng
RT: 19.176 min Scan# 1840
Delta R.T. -0.010 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:202 Resp: 6211
Ion Ratio Lower Upper
202 100
101 22.5 8.1 12.1#
203 17.4 13.9 20.9





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.290 min Scan# 2128

Delta R.T. -0.011 min

Lab File: BN013808.D

Acq: 02 Mar 2021 14:39

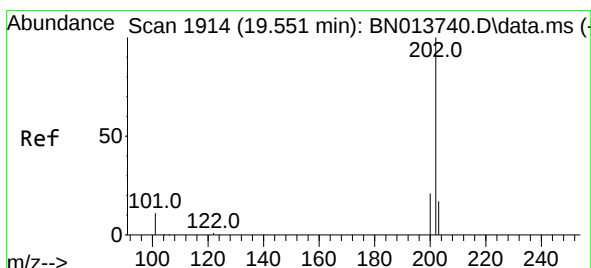
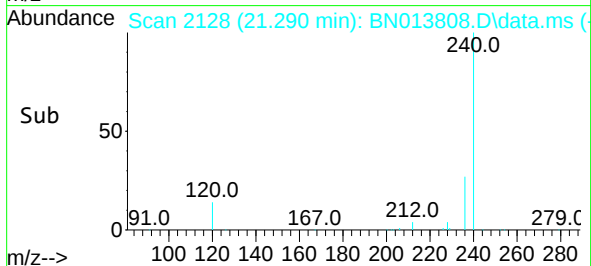
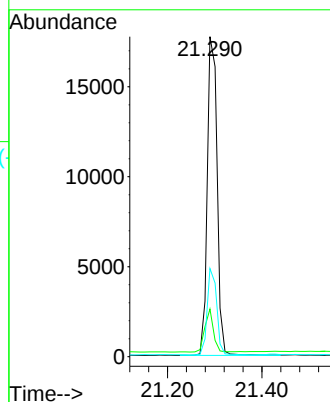
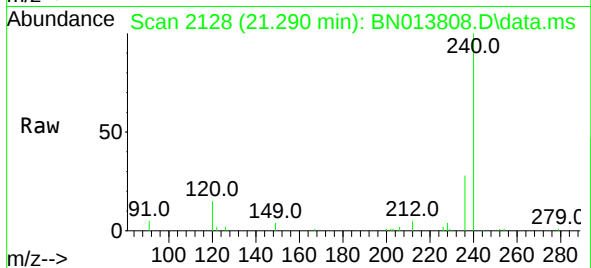
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:240	Resp:	25532
Ion Ratio	Lower	Upper
240	100	
120	14.9	10.2 15.4
236	27.5	21.3 31.9



#30

Pyrene

Concen: 0.08 ng

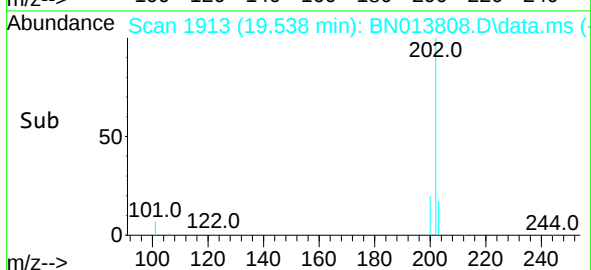
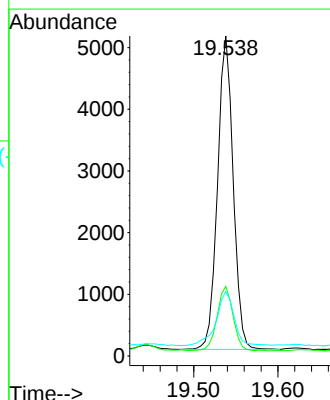
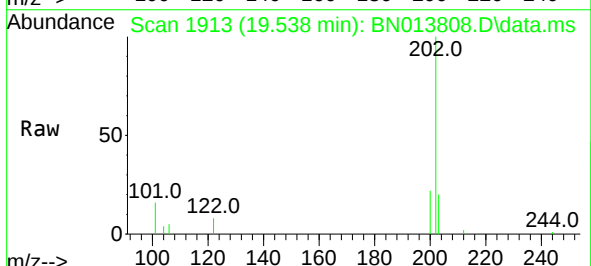
RT: 19.538 min Scan# 1913

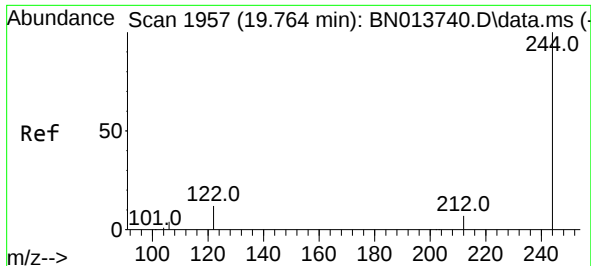
Delta R.T. -0.010 min

Lab File: BN013808.D

Acq: 02 Mar 2021 14:39

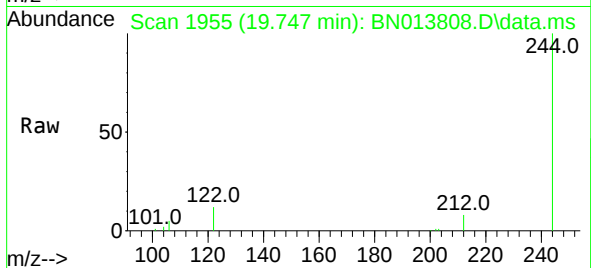
Tgt Ion:202	Resp:	6540
Ion Ratio	Lower	Upper
202	100	
200	20.9	16.3 24.5
203	19.9	14.0 21.0



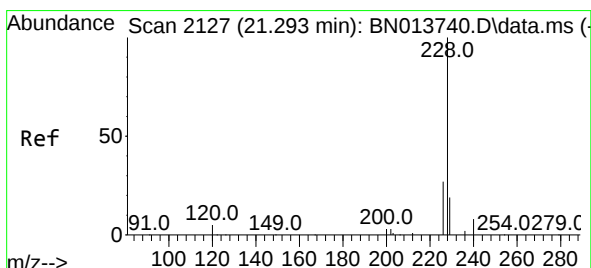
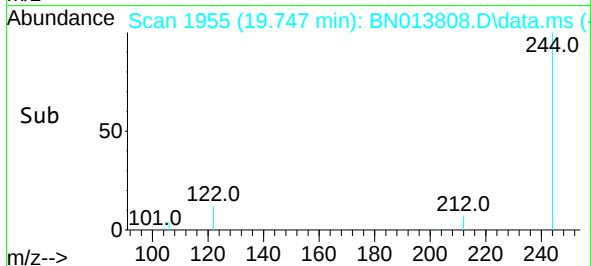
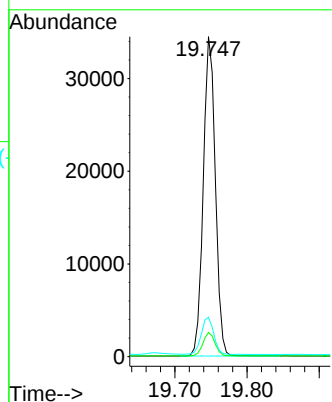


#31
 Terphenyl-d14
 Concen: 0.71 ng
 RT: 19.747 min Scan# 1955
 Delta R.T. -0.015 min
 Lab File: BN013808.D
 Acq: 02 Mar 2021 14:39

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-20-25-022721

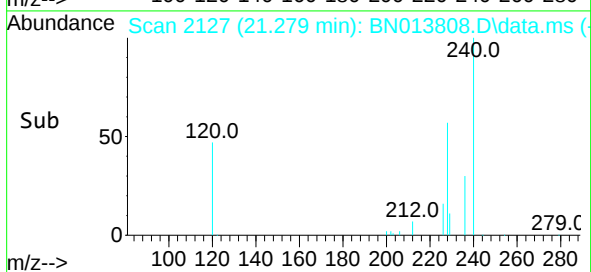
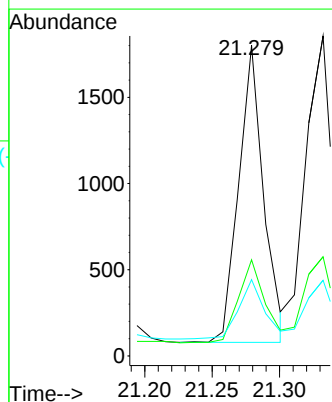
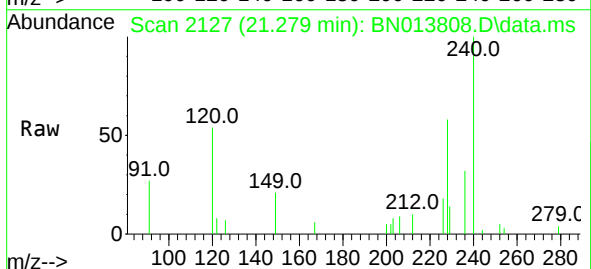


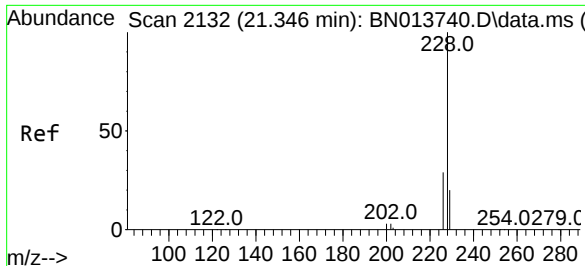
Tgt Ion:244 Resp: 40050
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.3 9.8 14.8



#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.279 min Scan# 2127
 Delta R.T. -0.011 min
 Lab File: BN013808.D
 Acq: 02 Mar 2021 14:39

Tgt Ion:228 Resp: 2212
 Ion Ratio Lower Upper
 228 100
 226 31.0 20.5 30.7#
 229 24.5 16.2 24.4#

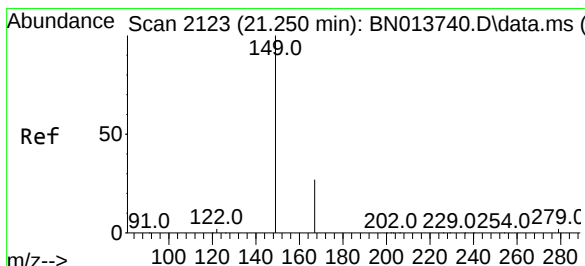
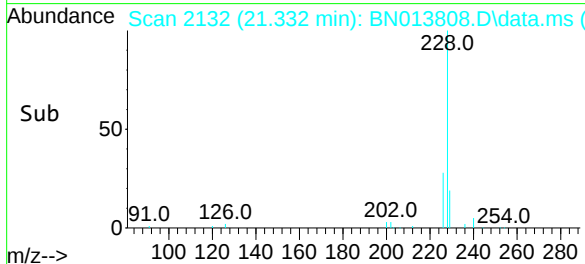
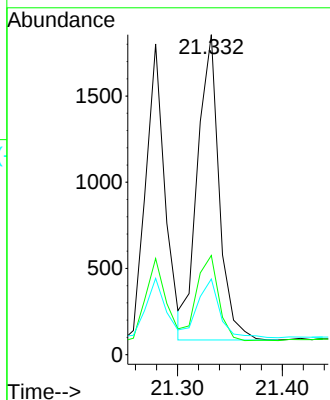
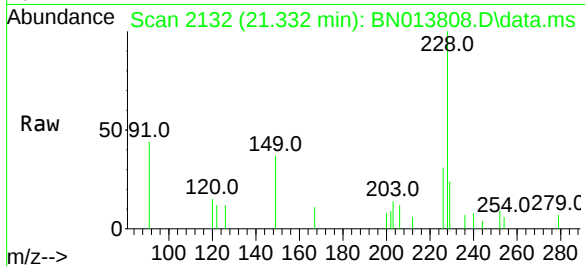




#33
Chrysene
Concen: 0.03 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

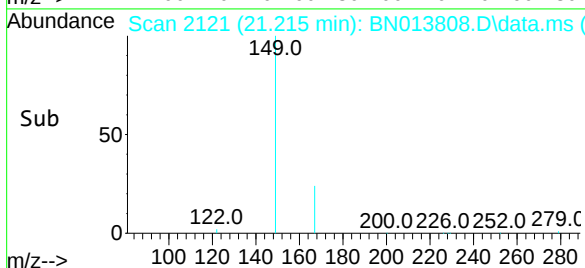
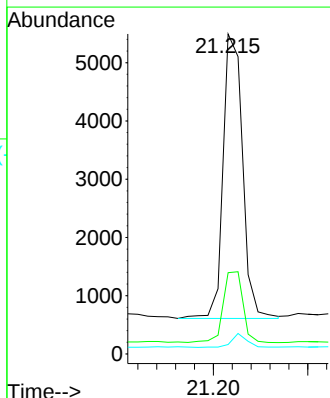
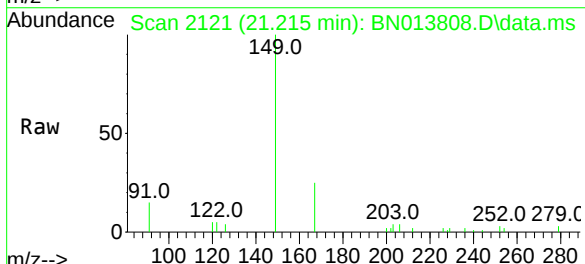
Instrument :
BNA_N
ClientSampleId :
GW807B-20-25-022721

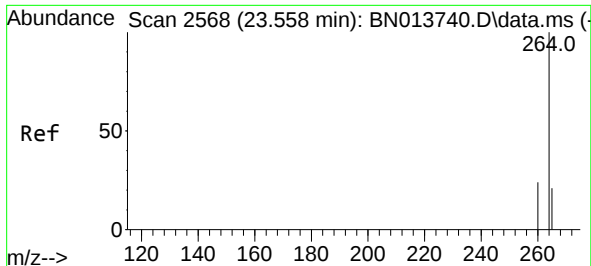
Tgt Ion:	228	Resp:	2533
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.3	36.5
229	23.7	15.1	22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.215 min Scan# 2121
Delta R.T. -0.021 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

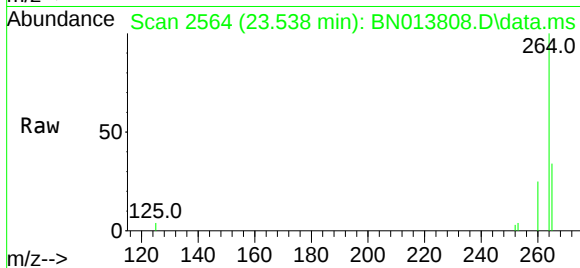
Tgt Ion:	149	Resp:	6992
Ion Ratio	Lower	Upper	
149	100		
167	25.2	22.1	33.1
279	3.9	3.5	5.3



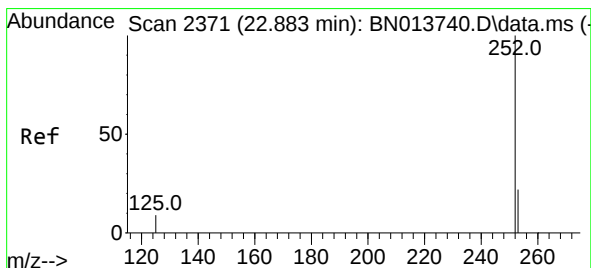
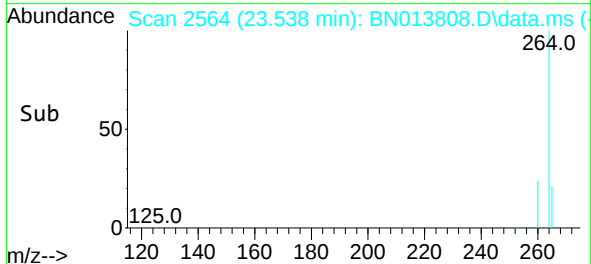
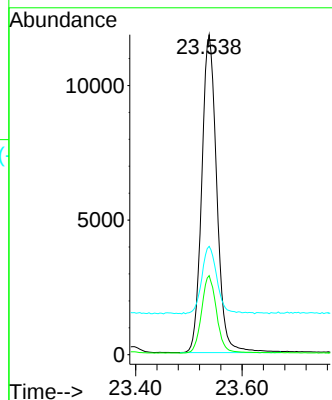


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.538 min Scan# 2564
 Delta R.T. -0.014 min
 Lab File: BN013808.D
 Acq: 02 Mar 2021 14:39

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-20-25-022721

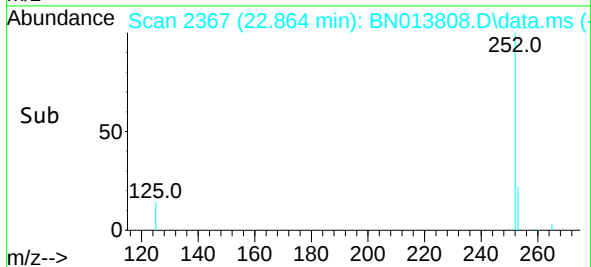
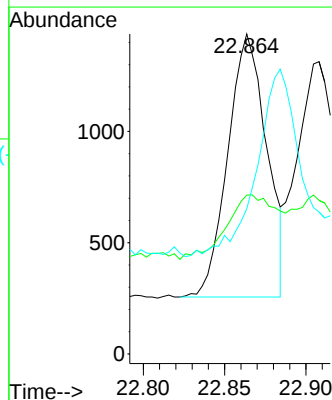
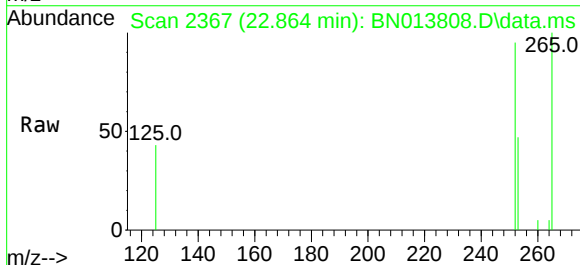


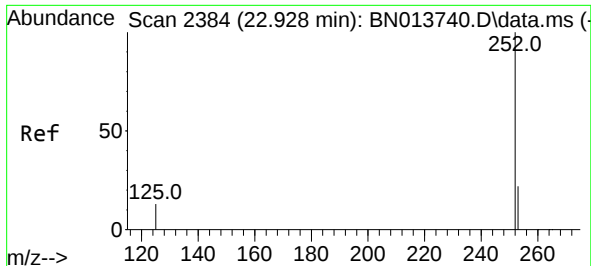
Tgt Ion:264 Resp: 23150
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 33.9 66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.864 min Scan# 2367
 Delta R.T. -0.014 min
 Lab File: BN013808.D
 Acq: 02 Mar 2021 14:39

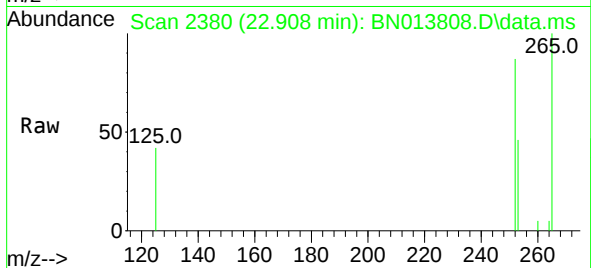
Tgt Ion:252 Resp: 1959
 Ion Ratio Lower Upper
 252 100
 253 49.7 20.4 30.6#
 125 45.4 11.6 17.4#



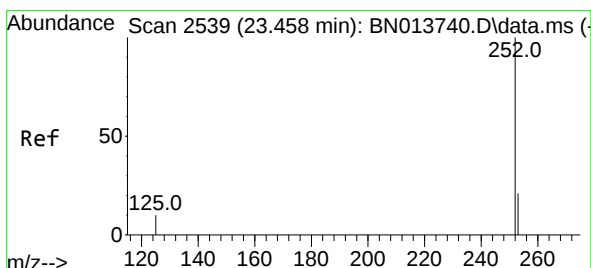
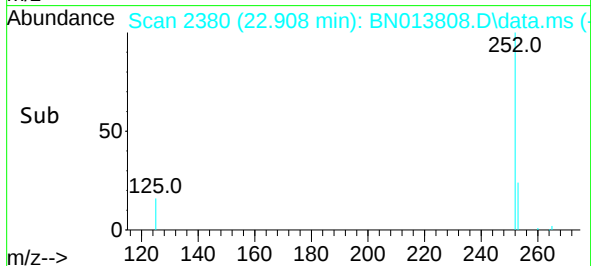
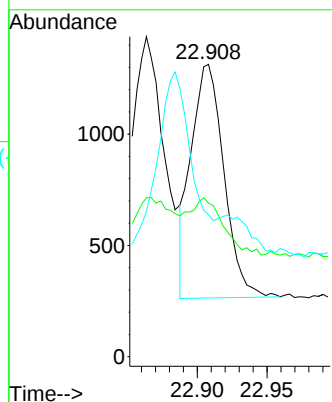


#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.908 min Scan# 2380
Delta R.T. -0.014 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 1723
Ion Ratio Lower Upper
252 100
253 52.5 20.5 30.7#
125 48.6 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.439 min Scan# 2535
Delta R.T. -0.017 min
Lab File: BN013808.D
Acq: 02 Mar 2021 14:39

Tgt Ion:252 Resp: 1576
Ion Ratio Lower Upper
252 100
253 62.7 21.8 32.6#
125 74.9 14.6 21.8#

