

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
 Data File : BN015557.D
 Acq On : 14 Jul 2021 11:08
 Operator : CG/JU
 Sample : M2907-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-13B-063021

Quant Time: Jul 14 11:45:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 11:20:16 2021
 Response via : Initial Calibration

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

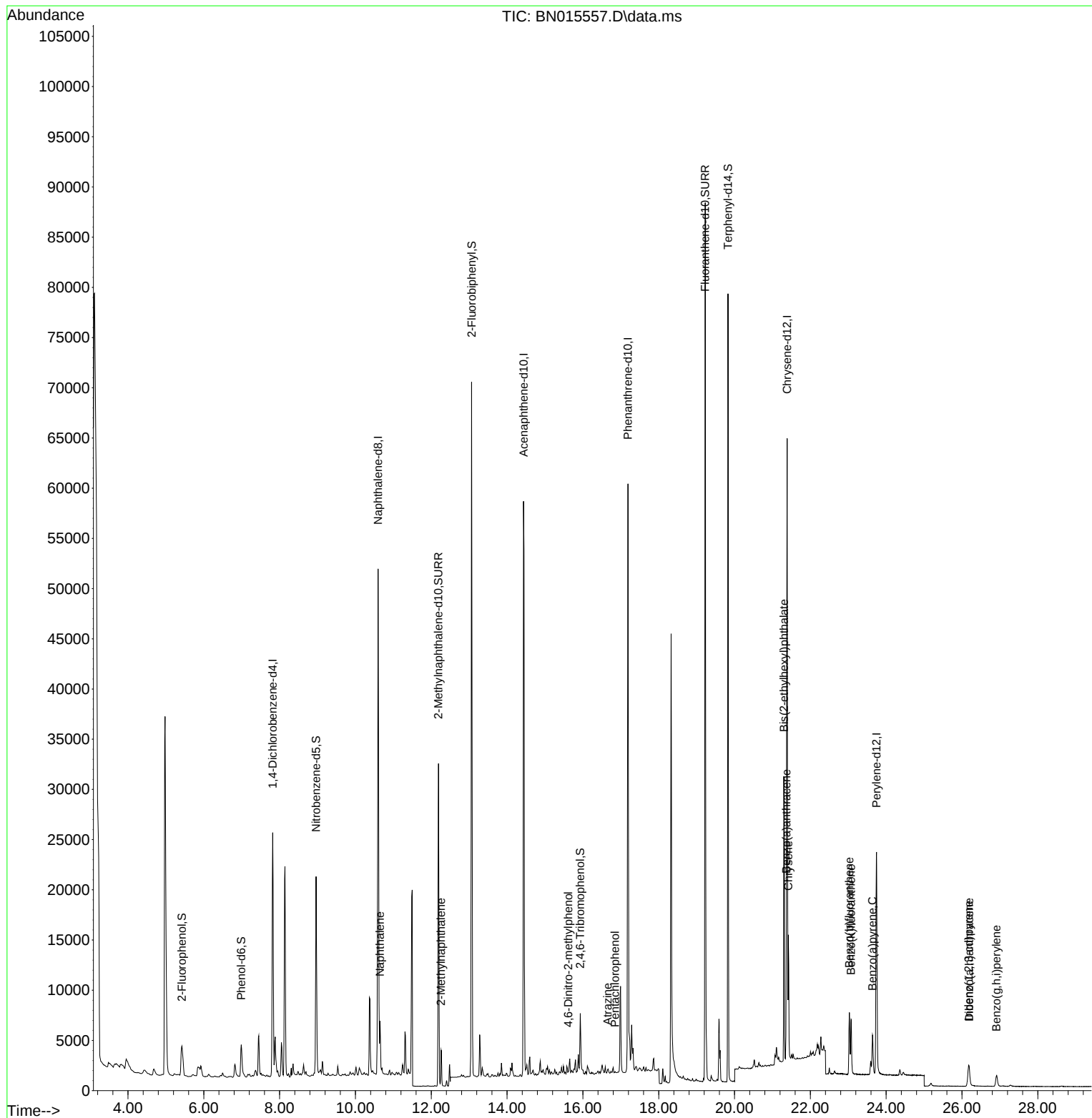
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	14515	0.400	ng	# 0.00
7) Naphthalene-d8	10.597	136	67899	0.400	ng	0.00
13) Acenaphthene-d10	14.433	164	37159	0.400	ng	0.00
19) Phenanthrene-d10	17.188	188	75216	0.400	ng	0.00
29) Chrysene-d12	21.387	240	53731	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	31923	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	5610	0.152	ng	0.00
5) Phenol-d6	6.987	99	3841	0.082	ng	0.00
8) Nitrobenzene-d5	8.962	82	17146	0.451	ng	0.00
11) 2-Methylnaphthalene-d10	12.189	152	42107	0.374	ng	0.00
14) 2,4,6-Tribromophenol	15.931	330	4743	0.516	ng	0.00
15) 2-Fluorobiphenyl	13.063	172	58254	0.386	ng	0.00
27) Fluoranthene-d10	19.227	212	96210	0.433	ng	0.00
31) Terphenyl-d14	19.827	244	74405	0.592	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.647	128	6131	0.031	ng	98
12) 2-Methylnaphthalene	12.260	142	2528	0.020	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.613	198	14	0.201	ng	# 1
23) Atrazine	16.652	200	56	0.174	ng	# 13
24) Pentachlorophenol	16.847	266	120	0.256	ng	91
32) Benzo(a)anthracene	21.365	228	10465	0.057	ng	99
33) Chrysene	21.418	228	10374	0.052	ng	100
34) Bis(2-ethylhexyl)phtha...	21.302	149	27382	0.557	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.175	276	2855	0.025	ng	# 85
37) Benzo(b)fluoranthene	23.029	252	7845	0.063	ng	# 84
38) Benzo(k)fluoranthene	23.073	252	7531	0.056	ng	# 86
39) Benzo(a)pyrene	23.638	252	5683	0.050	ng	# 77
40) Dibenzo(a,h)anthracene	26.188	278	2322	0.026	ng	# 77
41) Benzo(g,h,i)perylene	26.911	276	2496	0.025	ng	# 76

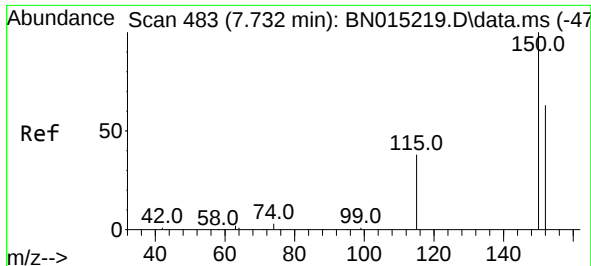
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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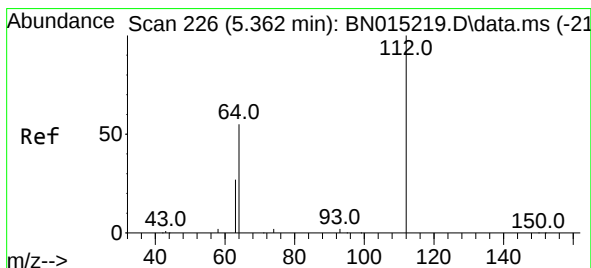
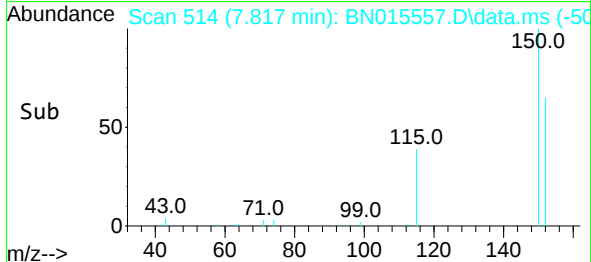
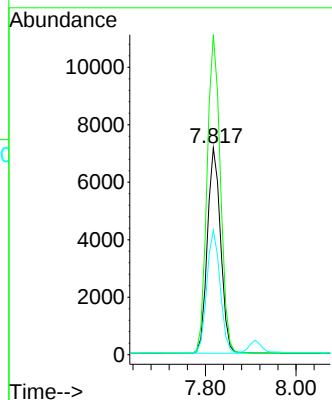
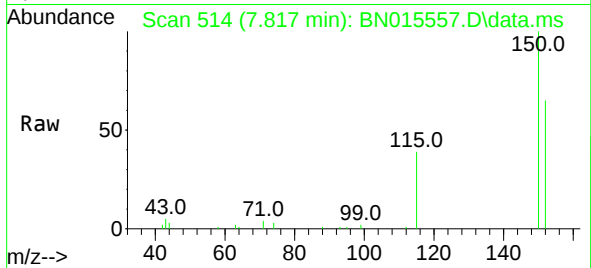




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.817 min Scan# 514
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

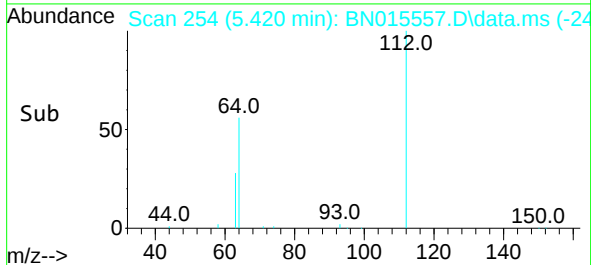
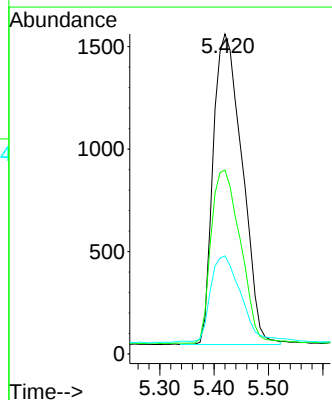
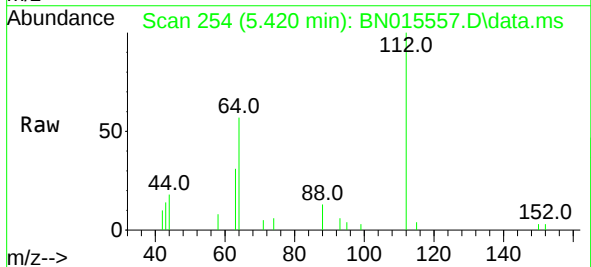
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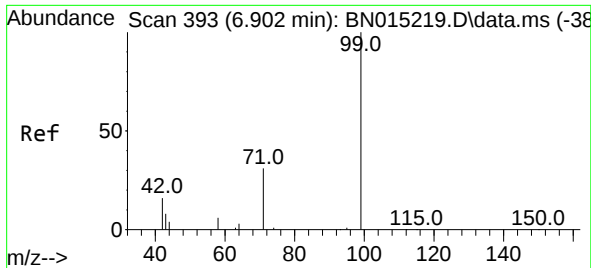
Tgt Ion:152 Resp: 14515
Ion Ratio Lower Upper
152 100
150 154.6 119.0 178.6
115 60.2 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.420 min Scan# 254
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:112 Resp: 5610
Ion Ratio Lower Upper
112 100
64 56.5 39.0 58.6
63 28.3 20.6 30.8

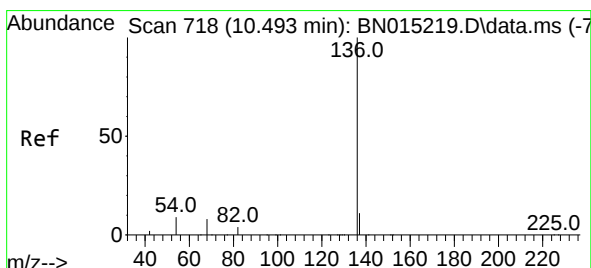
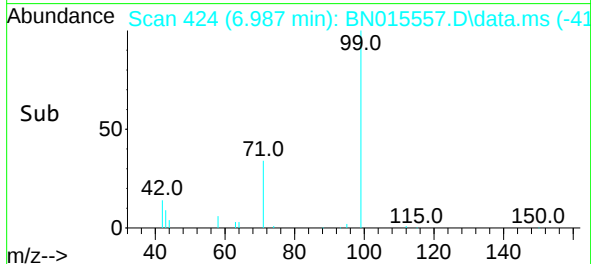
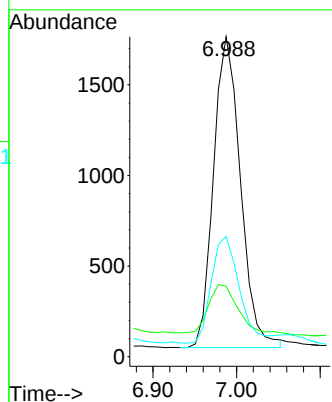
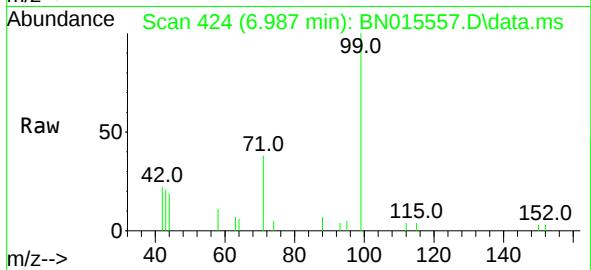




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.987 min Scan# 424
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

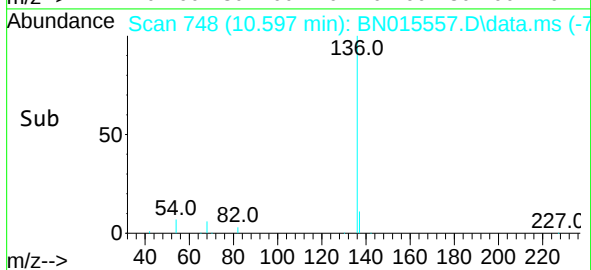
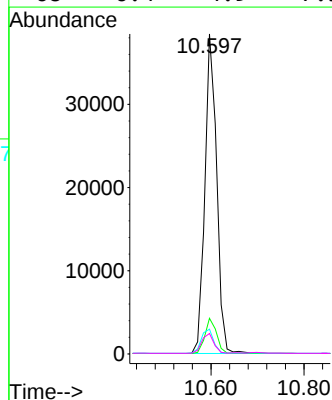
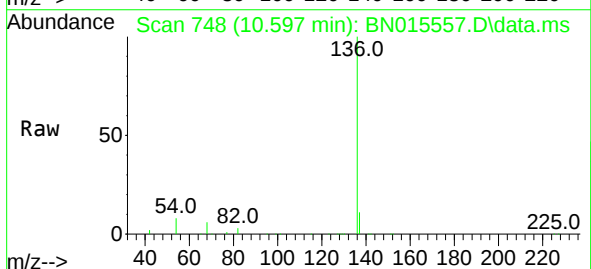
Instrument :
BNA_N
ClientSampleId :
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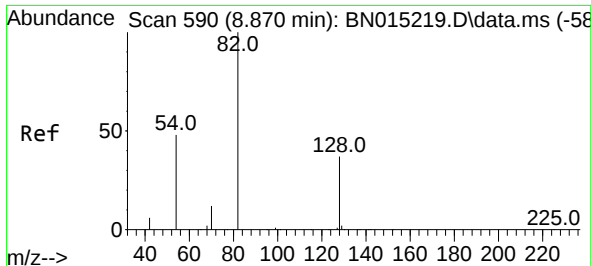
Tgt Ion: 99 Resp: 3841
Ion Ratio Lower Upper
99 100
42 16.2 8.9 13.3#
71 36.0 35.6 53.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.597 min Scan# 748
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion: 136 Resp: 67899
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.8
54 7.7 5.4 8.2
68 6.4 4.9 7.3

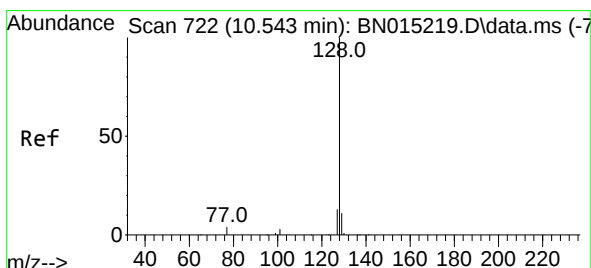
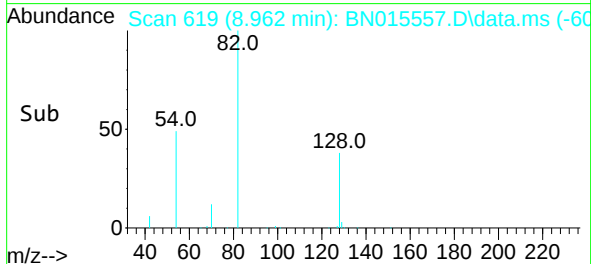
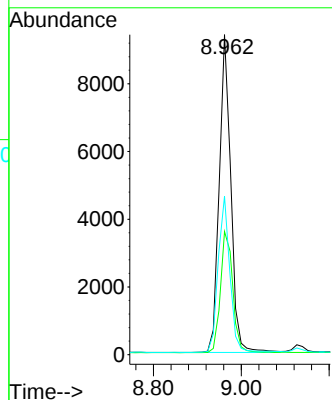
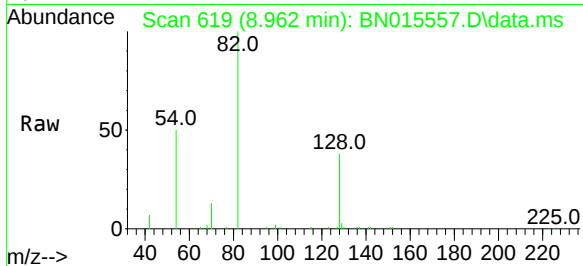




#8
Nitrobenzene-d5
Concen: 0.451 ng
RT: 8.962 min Scan# 619
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

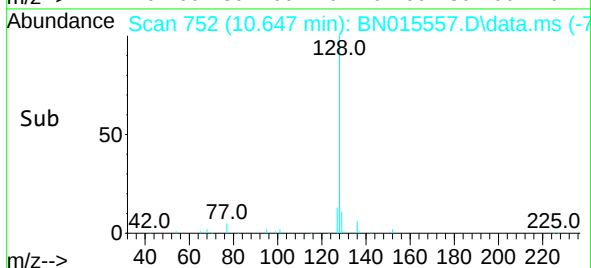
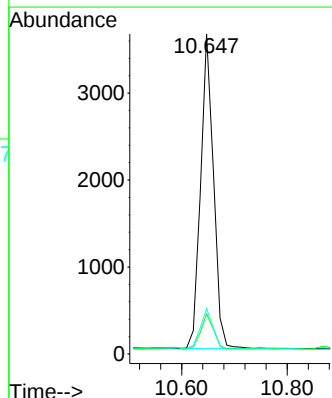
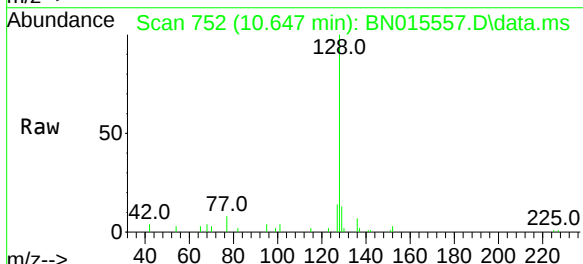
Instrument :
BNA_N
ClientSampleId :
MW-13B-063021

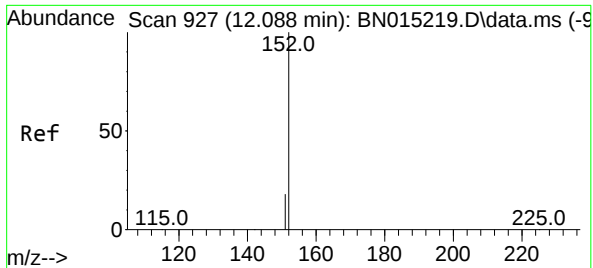
Tgt Ion: 82 Resp: 17146
Ion Ratio Lower Upper
82 100
128 38.5 31.6 47.4
54 49.5 29.0 43.4#



#9
Naphthalene
Concen: 0.031 ng
RT: 10.647 min Scan# 752
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion: 128 Resp: 6131
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.2 11.8 17.6

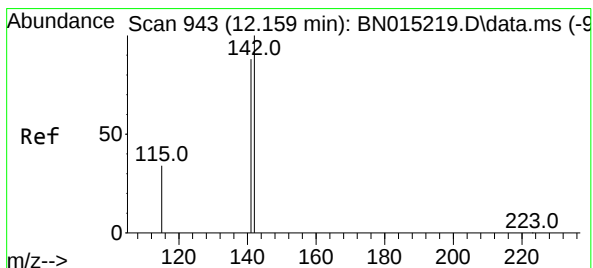
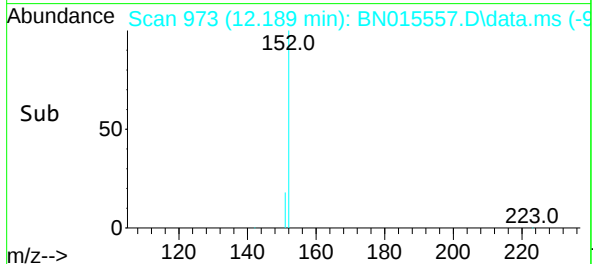
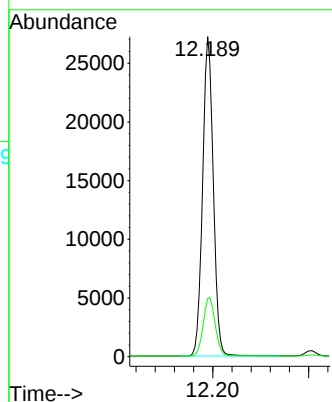
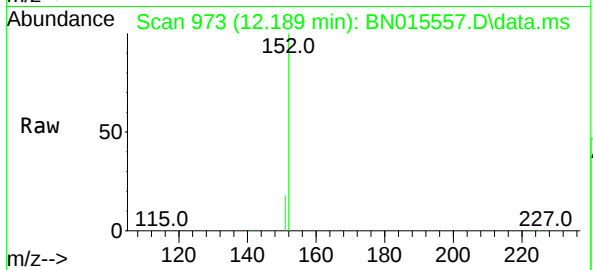




#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.189 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

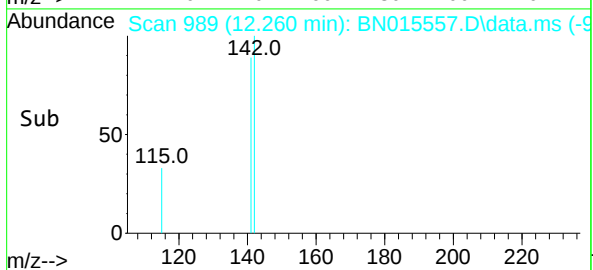
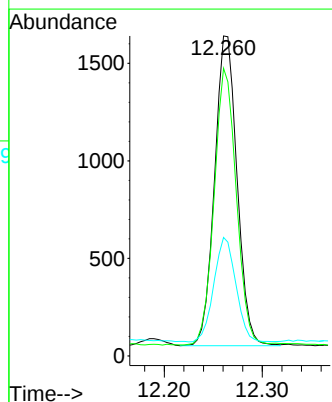
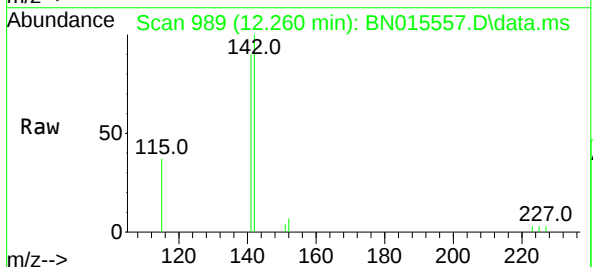
Instrument :
BNA_N
ClientSampleId :
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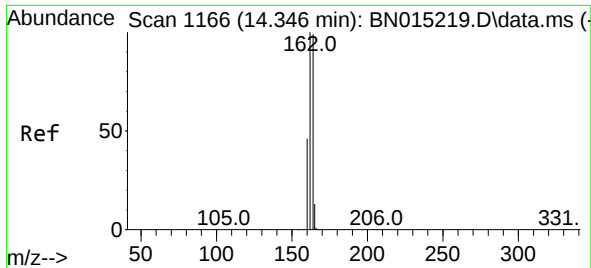
Tgt Ion:152 Resp: 42107
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.260 min Scan# 989
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:142 Resp: 2528
Ion Ratio Lower Upper
142 100
141 89.9 72.3 108.5
115 37.1 40.7 61.1#

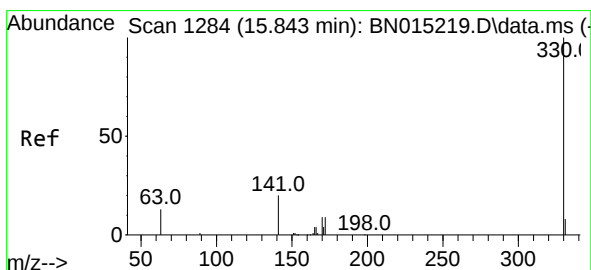
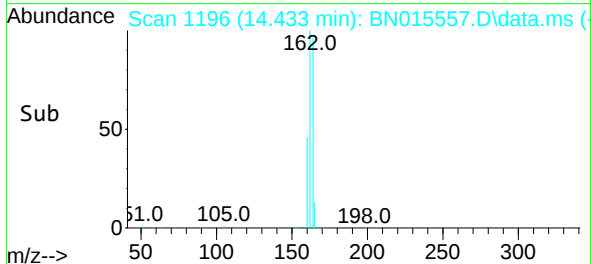
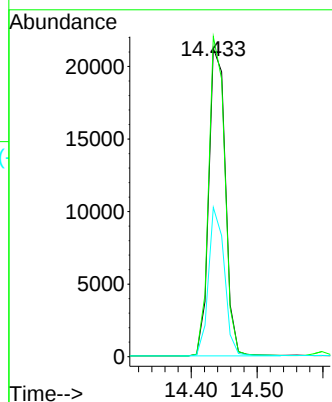
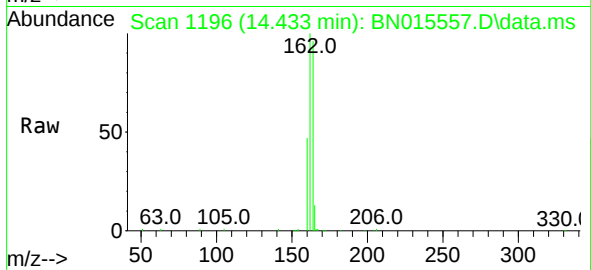




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.433 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

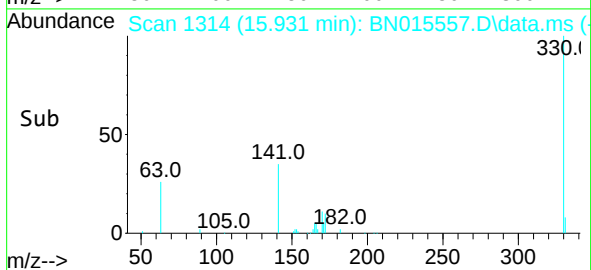
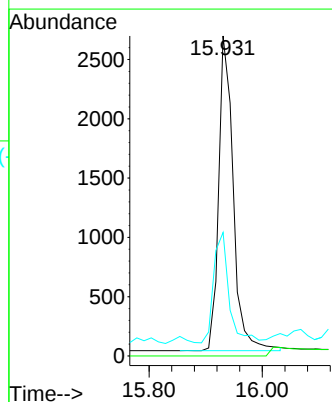
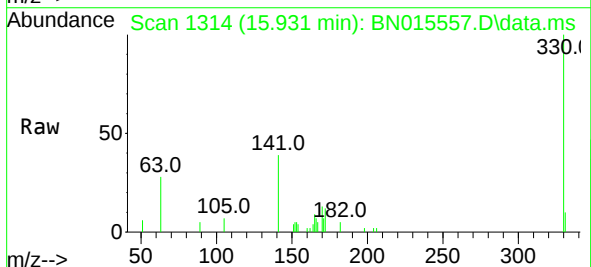
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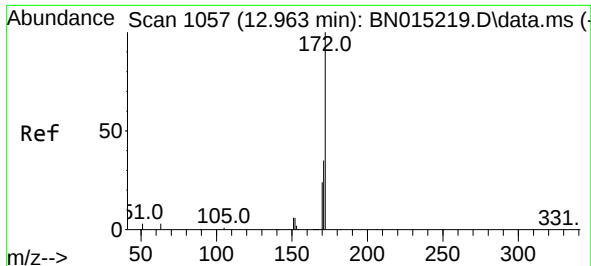
Tgt Ion:164 Resp: 37159
Ion Ratio Lower Upper
164 100
162 103.7 83.8 125.6
160 48.4 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.516 ng
RT: 15.931 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:330 Resp: 4743
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.0 22.4 33.6#

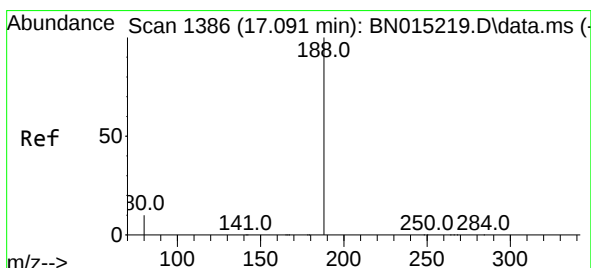
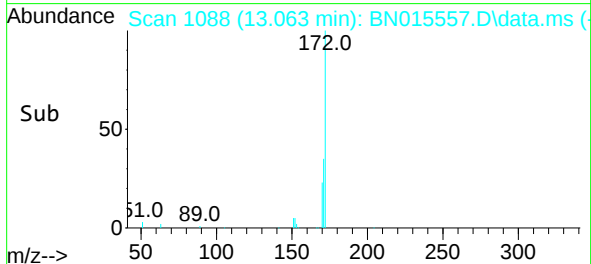
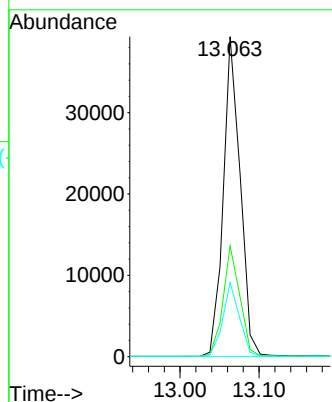
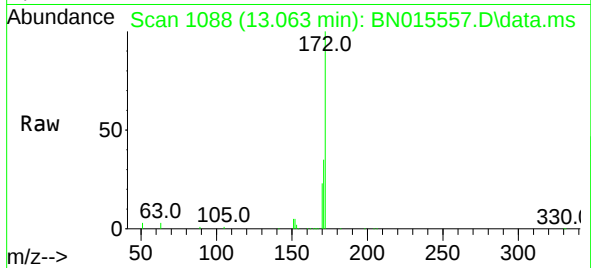




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.063 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

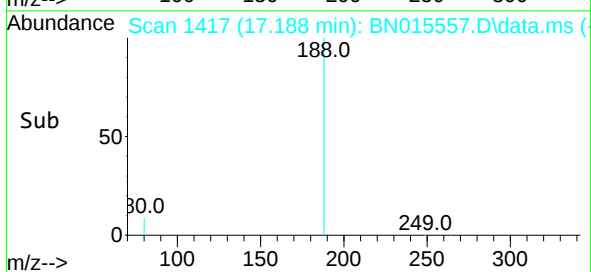
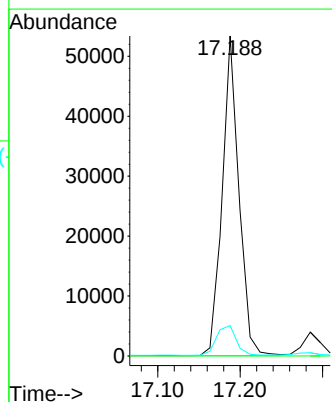
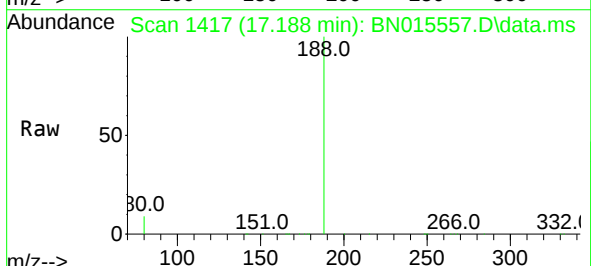
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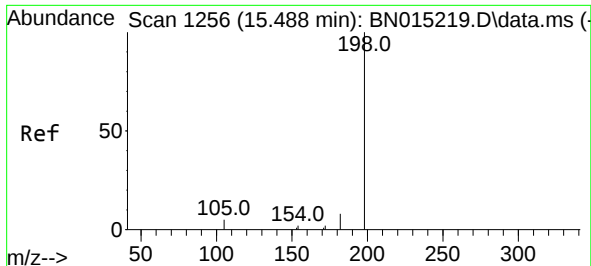
Tgt Ion:172 Resp: 58254
Ion Ratio Lower Upper
172 100
171 34.7 30.6 45.8
170 23.2 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:188 Resp: 75216
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 9.0 13.4

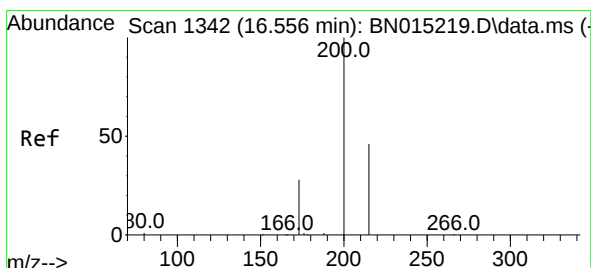
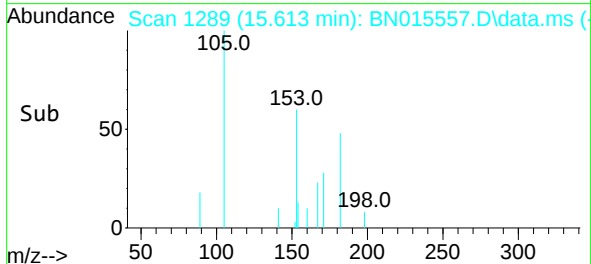
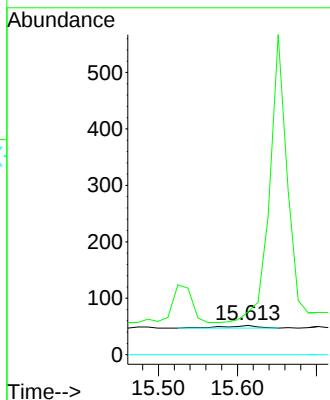
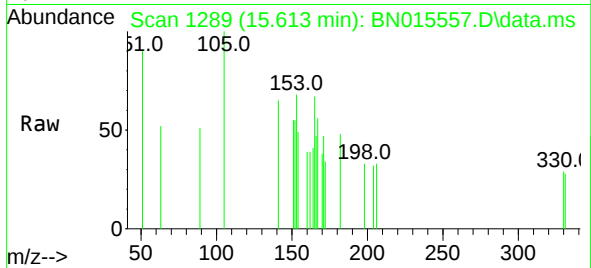




#20
4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.613 min Scan# 1289
Delta R.T. 0.038 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

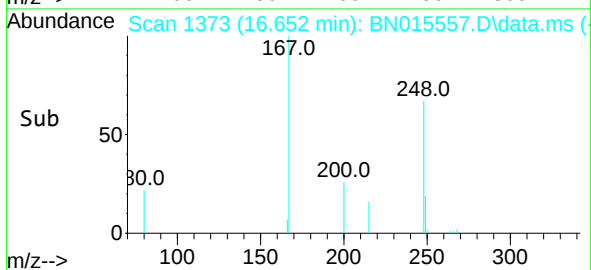
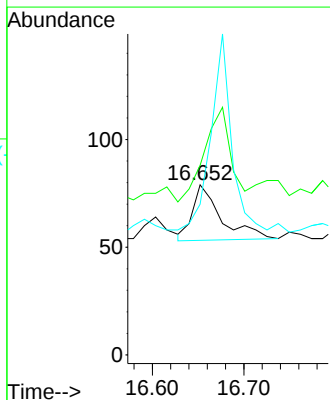
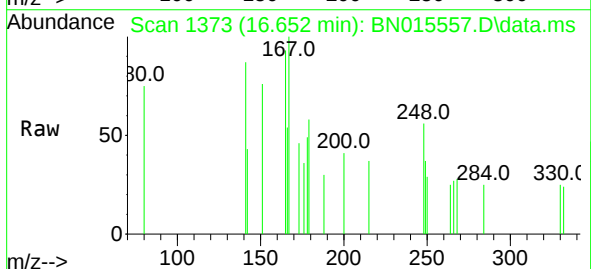
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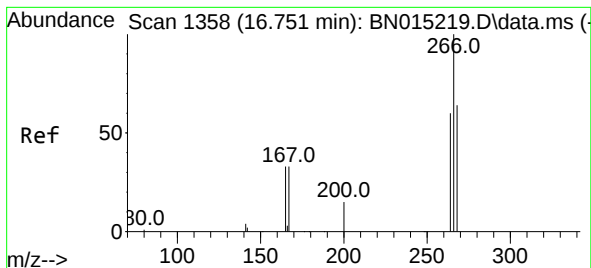
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 146.2 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.174 ng
RT: 16.652 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:200 Resp: 56
Ion Ratio Lower Upper
200 100
173 111.4 21.7 32.5#
215 88.6 43.1 64.7#

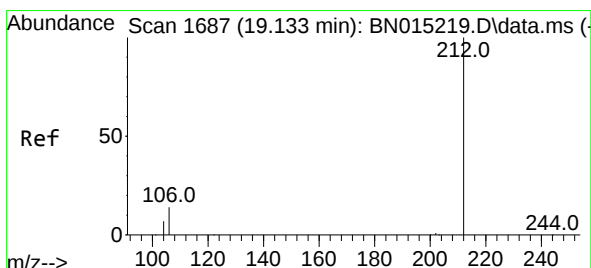
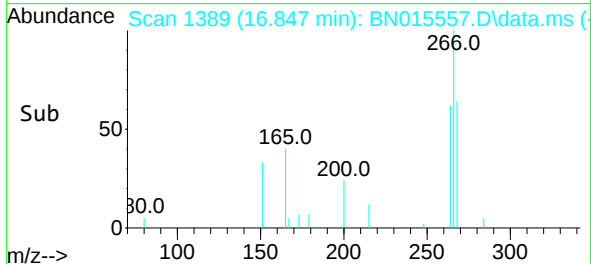
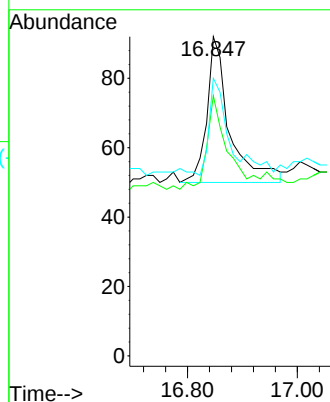
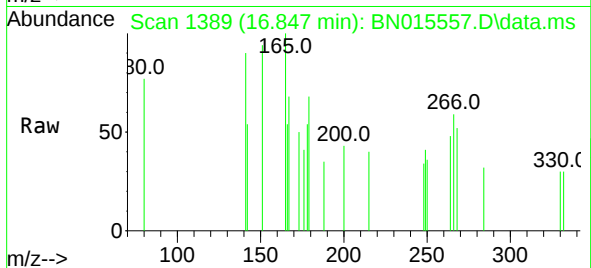




#24
Pentachlorophenol
Concen: 0.256 ng
RT: 16.847 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

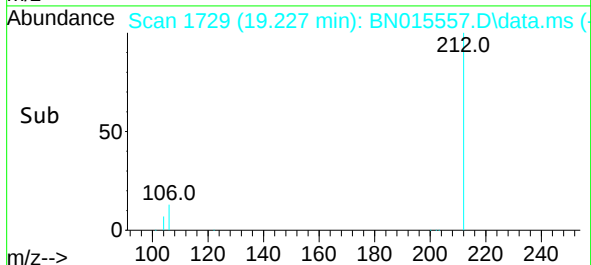
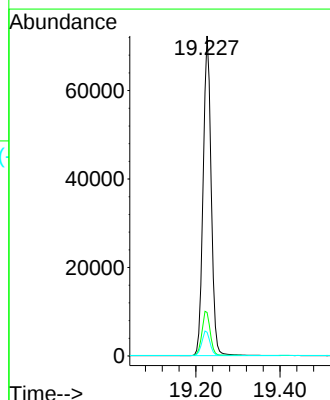
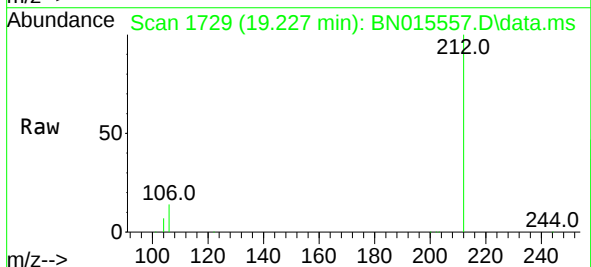
Instrument :
BNA_N
ClientSampleId :
MW-13B-063021

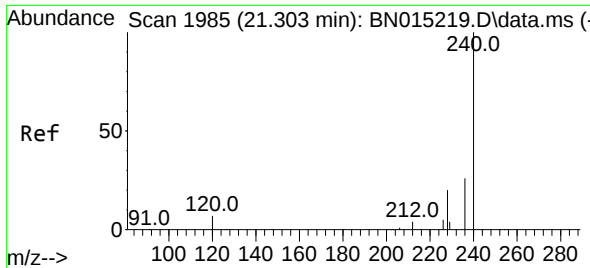
Tgt Ion:	266	Resp:	120
Ion Ratio	Lower	Upper	
266	100		
264	60.0	51.0	76.4
268	53.3	50.6	76.0



#27
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.227 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:	212	Resp:	96210
Ion Ratio	Lower	Upper	
212	100		
106	14.1	7.0	10.6#
104	7.8	4.1	6.1#

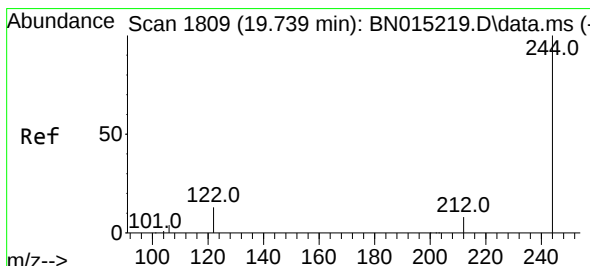
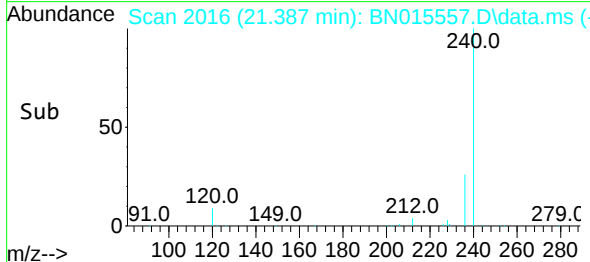
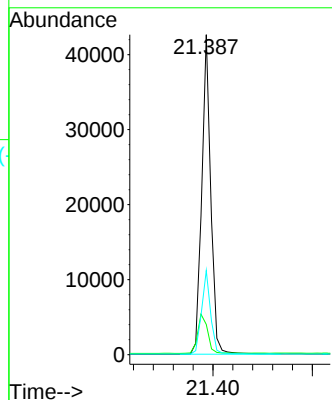
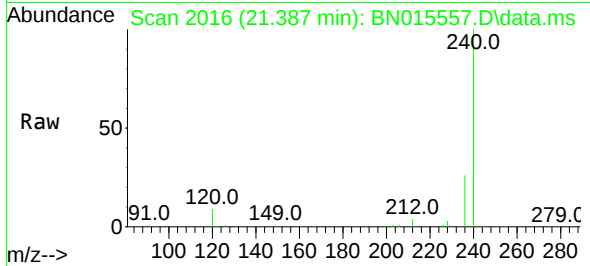




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.387 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

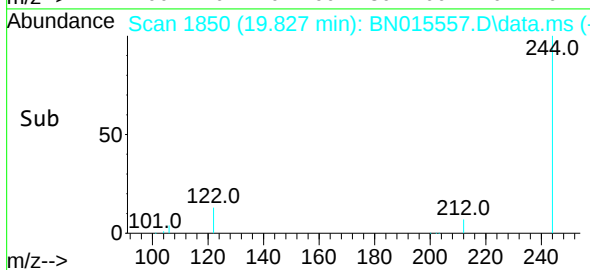
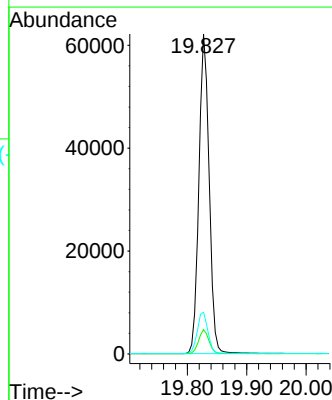
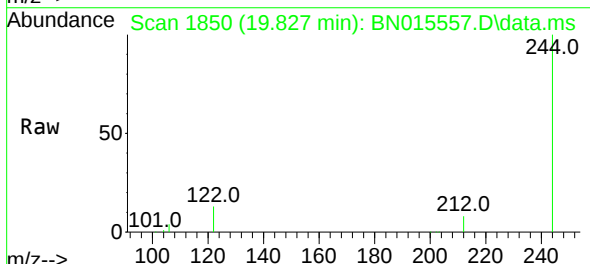
Instrument :
BNA_N
ClientSampleId :
MW-13B-063021

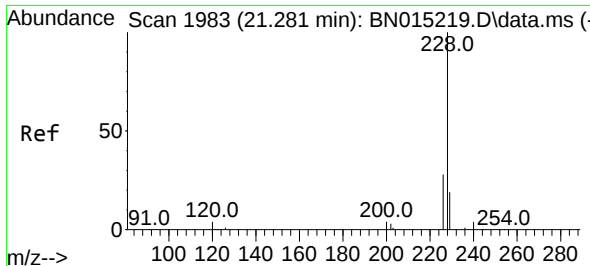
Tgt Ion:240 Resp: 53731
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.4#
236 26.3 21.4 32.2



#31
Terphenyl-d14
Concen: 0.592 ng
RT: 19.827 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:244 Resp: 74405
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.0 6.2 9.2#

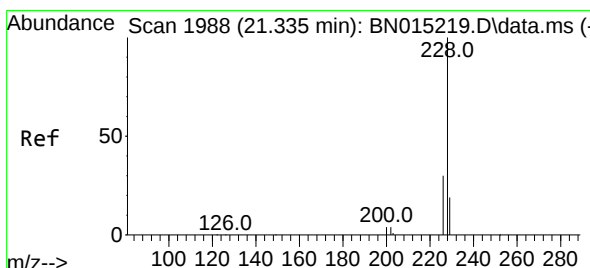
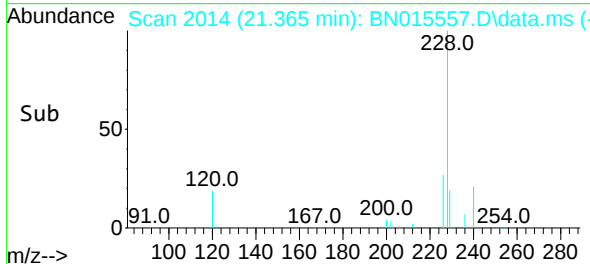
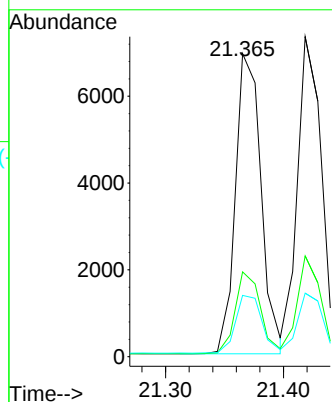
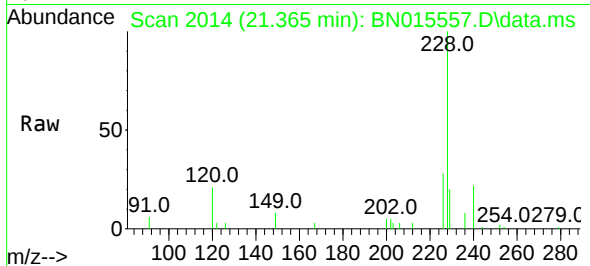




#32
Benzo(a)anthracene
Concen: 0.057 ng
RT: 21.365 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

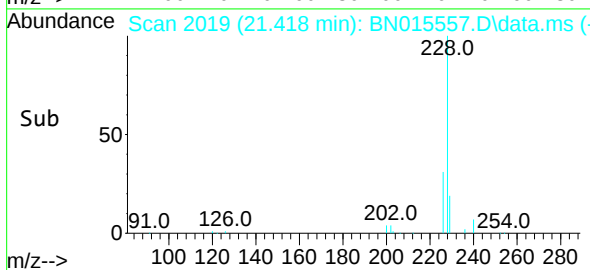
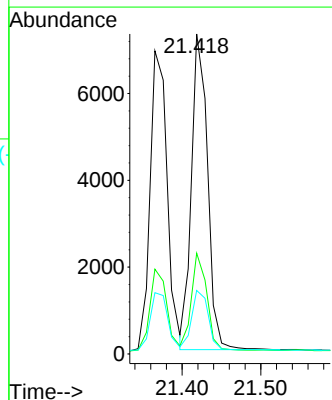
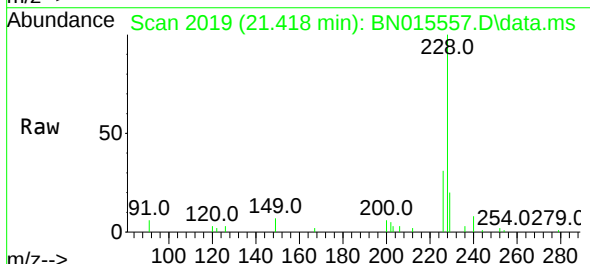
Instrument :
BNA_N
ClientSampleId :
MW-13B-063021

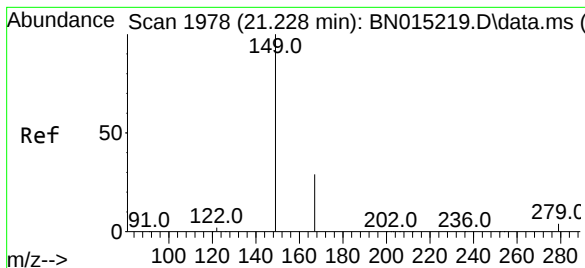
Tgt Ion:	228	Resp:	10465
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.0	34.6
229	20.2	15.7	23.5



#33
Chrysene
Concen: 0.052 ng
RT: 21.418 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:	228	Resp:	10374
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	19.9	15.9	23.9

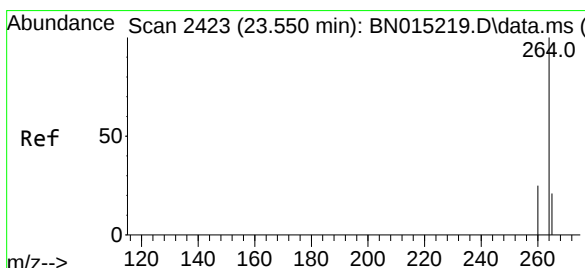
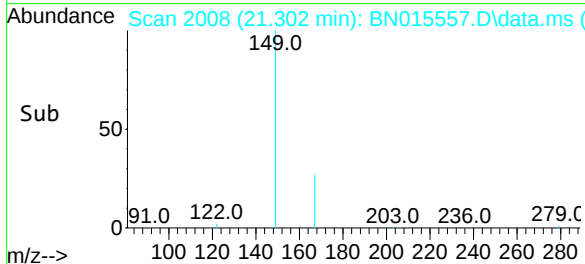
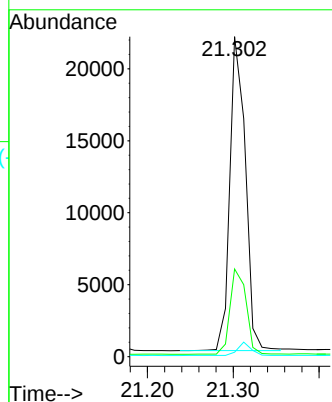
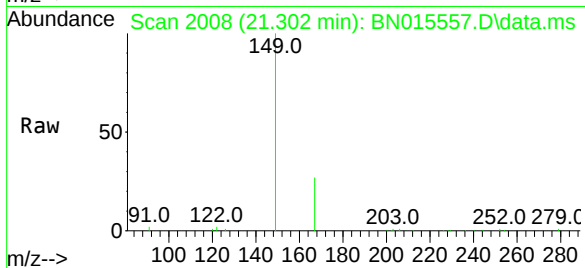




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.557 ng
RT: 21.302 min Scan# 2008
Delta R.T. -0.011 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

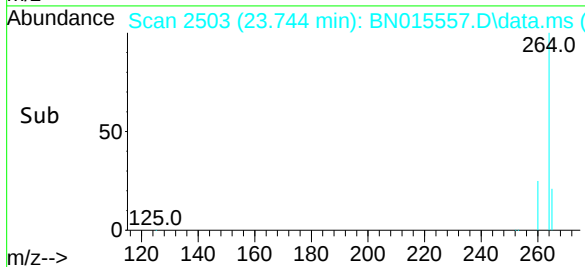
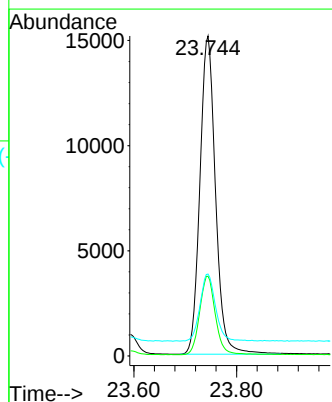
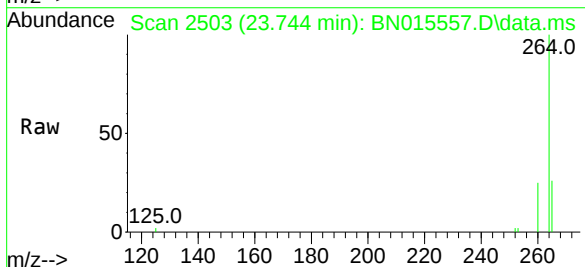
Instrument :
BNA_N
ClientSampleId :
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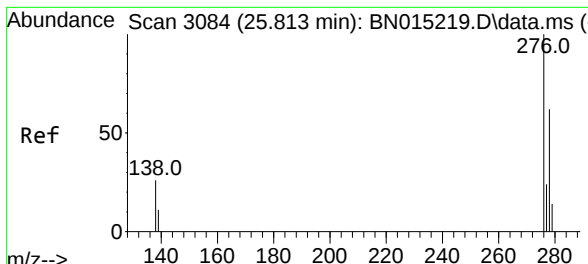
Tgt Ion:149 Resp: 27382
Ion Ratio Lower Upper
149 100
167 28.1 28.9 43.3#
279 3.7 4.9 7.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 2503
Delta R.T. -0.003 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:264 Resp: 31923
Ion Ratio Lower Upper
264 100
260 24.9 20.6 31.0
265 25.6 21.4 32.2

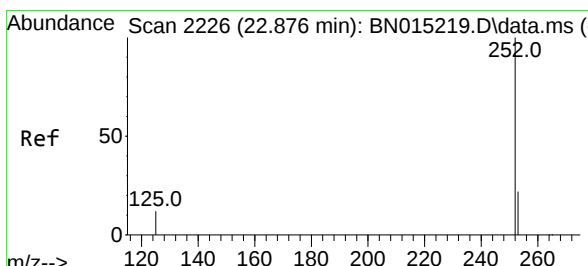
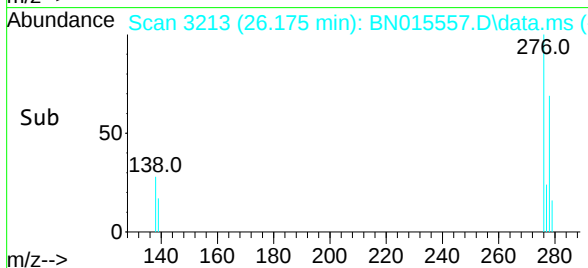
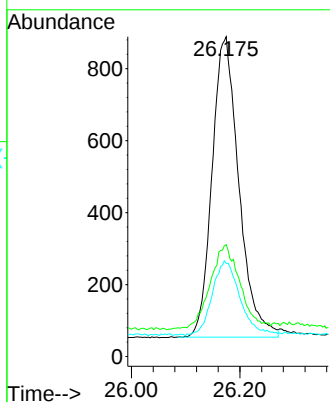
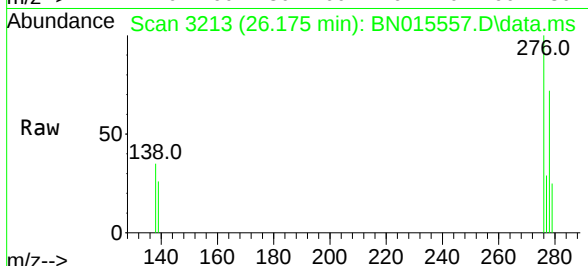




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.025 ng
 RT: 26.175 min Scan# 3213
 Delta R.T. -0.003 min
 Lab File: BN015557.D
 Acq: 14 Jul 2021 11:08

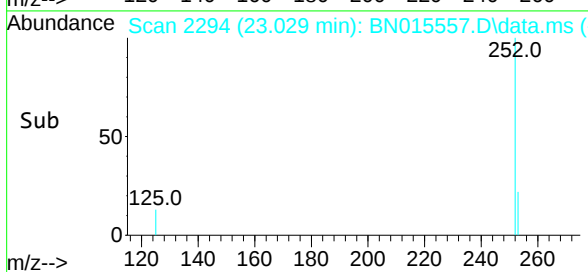
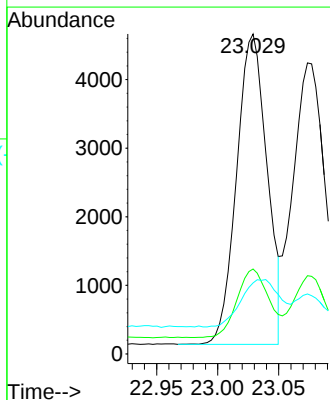
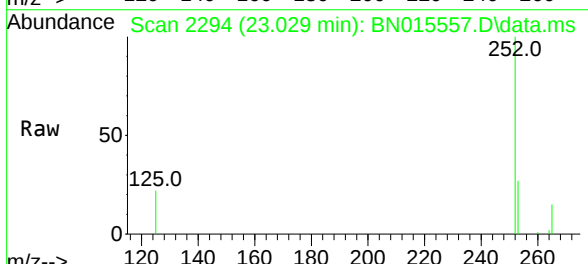
Instrument :
 BNA_N
 ClientSampleId :
 MW-13B-063021

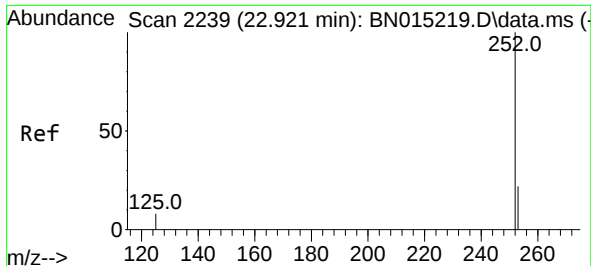
Tgt Ion:	276	Resp:	2855
Ion Ratio	Lower	Upper	
276	100		
138	30.1	10.0	15.0#
277	25.8	20.4	30.6



#37
 Benzo(b)fluoranthene
 Concen: 0.063 ng
 RT: 23.029 min Scan# 2294
 Delta R.T. -0.003 min
 Lab File: BN015557.D
 Acq: 14 Jul 2021 11:08

Tgt Ion:	252	Resp:	7845
Ion Ratio	Lower	Upper	
252	100		
253	26.5	18.5	27.7
125	22.2	5.8	8.6#

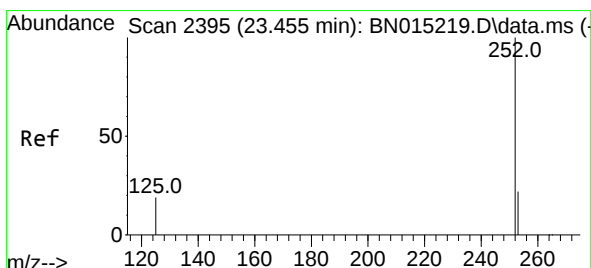
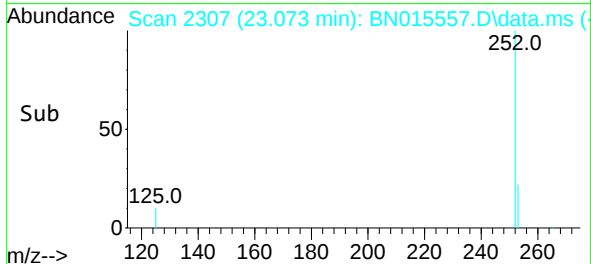
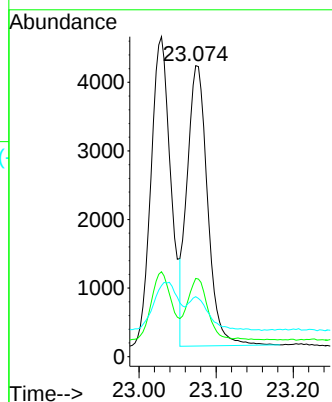
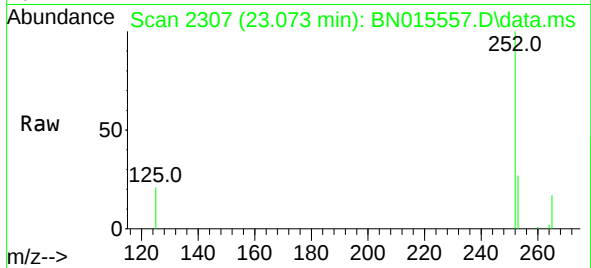




#38
Benzo(k)fluoranthene
Concen: 0.056 ng
RT: 23.073 min Scan# 2307
Delta R.T. -0.007 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

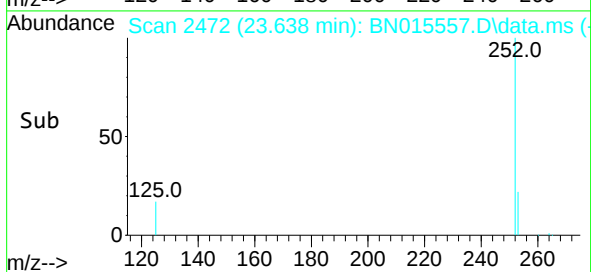
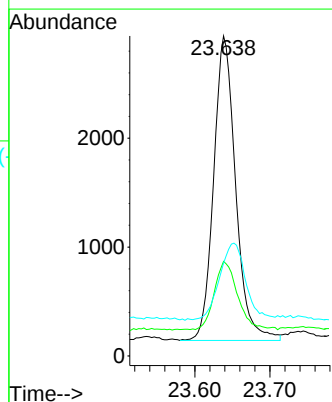
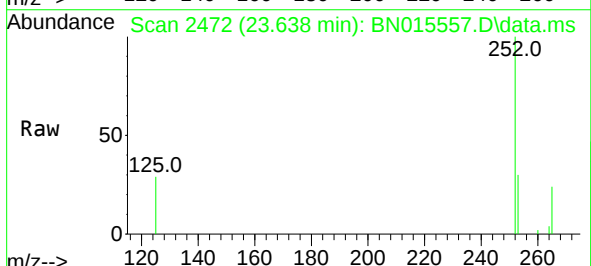
Instrument :
BNA_N
ClientSampleId :
MW-13B-063021

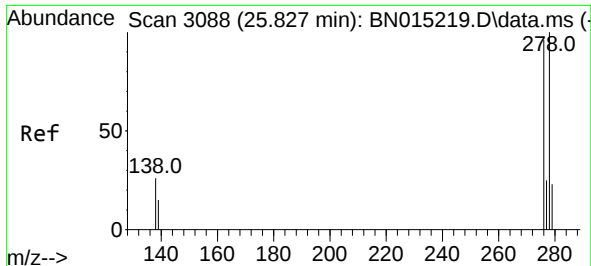
Tgt Ion:252 Resp: 7531
Ion Ratio Lower Upper
252 100
253 26.9 19.1 28.7
125 20.6 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.050 ng
RT: 23.638 min Scan# 2472
Delta R.T. -0.007 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:252 Resp: 5683
Ion Ratio Lower Upper
252 100
253 29.5 19.4 29.2#
125 29.0 7.4 11.2#

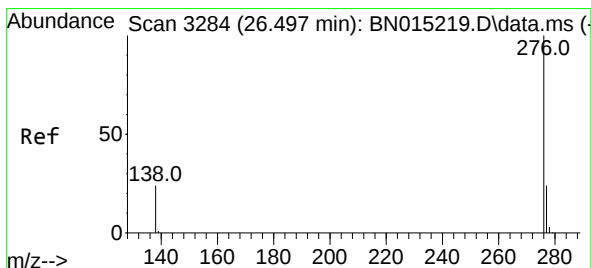
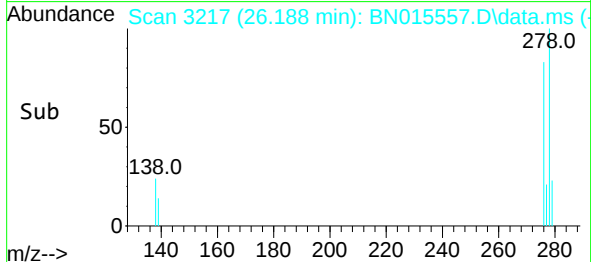
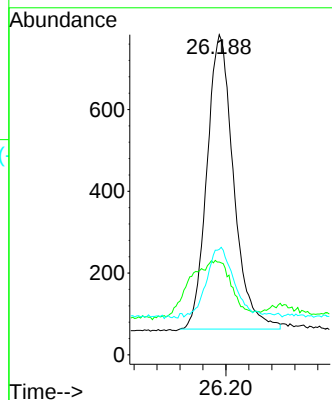
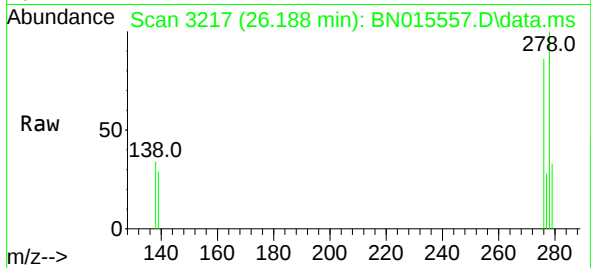




#40
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 26.188 min Scan# 3217
Delta R.T. -0.007 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Instrument :
BNA_N
ClientSampleId :
MW-13B-063021

Tgt Ion:278 Resp: 2322
Ion Ratio Lower Upper
278 100
139 29.0 9.0 13.4#
279 33.0 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 26.911 min Scan# 3428
Delta R.T. -0.007 min
Lab File: BN015557.D
Acq: 14 Jul 2021 11:08

Tgt Ion:276 Resp: 2496
Ion Ratio Lower Upper
276 100
277 30.2 19.7 29.5#
138 31.5 9.8 14.6#

