

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016312.D
 Acq On : 18 Sep 2021 00:42
 Operator : CG/JU
 Sample : M3774-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

Quant Time: Sep 18 02:08:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 23:59:14 2021
 Response via : Initial Calibration

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

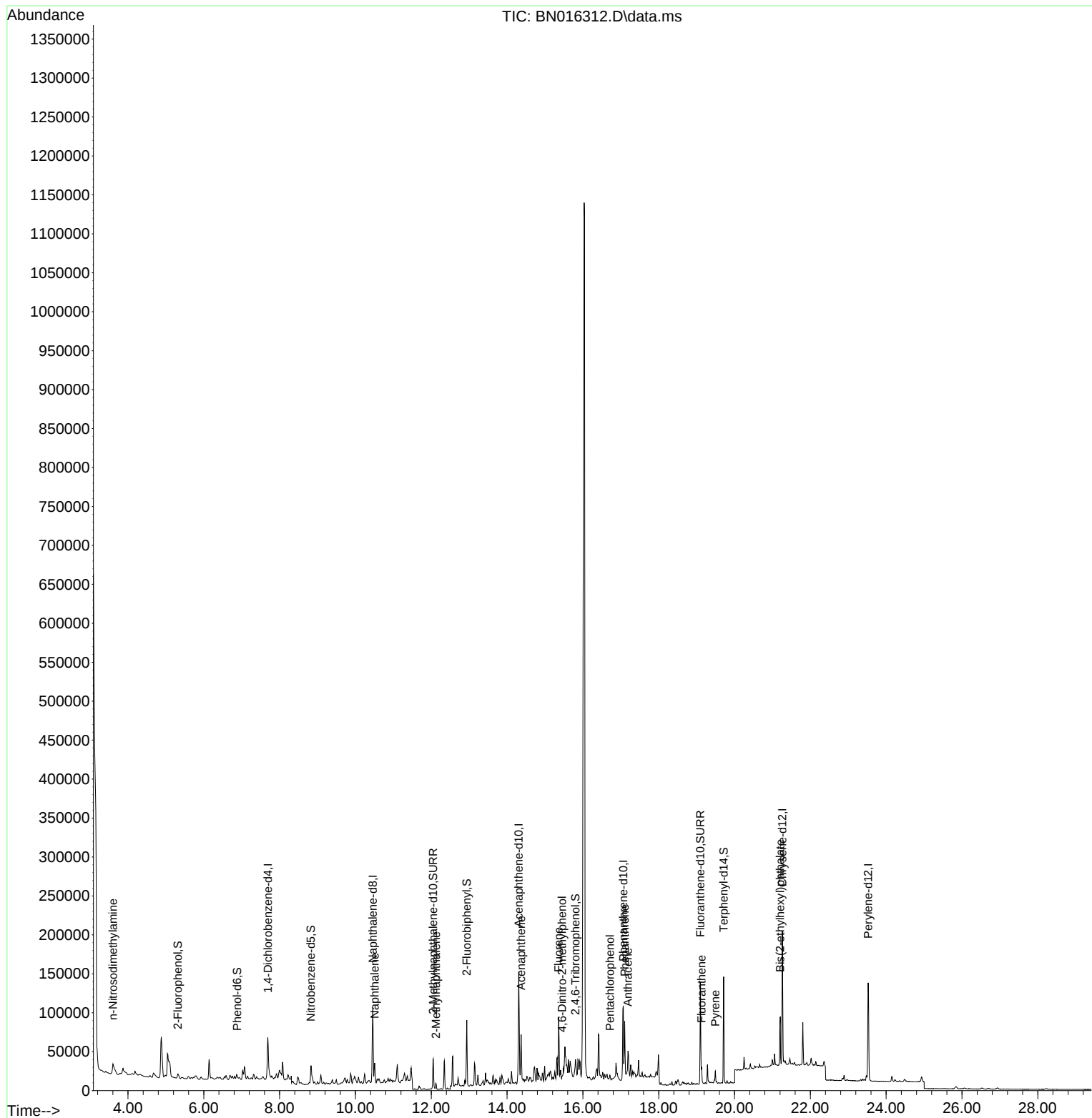
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	26889	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	123124	0.400	ng	# 0.00
13) Acenaphthene-d10	14.307	164	72159	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	141923	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	151749	0.400	ng	# 0.00
35) Perylene-d12	23.525	264	162956	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	7649	0.113	ng	0.02
5) Phenol-d6	6.877	99	5435	0.066	ng	0.00
8) Nitrobenzene-d5	8.822	82	20054	0.274	ng	-0.01
11) 2-Methylnaphthalene-d10	12.052	152	52052	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	9564	0.451	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	69890	0.248	ng	0.00
27) Fluoranthene-d10	19.098	212	147323	0.359	ng	0.00
31) Terphenyl-d14	19.713	244	132174	0.376	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.604	42	3839	0.150	ng	# 1
9) Naphthalene	10.508	128	26964	0.081	ng	95
12) 2-Methylnaphthalene	12.123	142	5763	0.026	ng	# 90
17) Acenaphthene	14.370	154	26968	0.130	ng	95
18) Fluorene	15.360	166	62955	0.244	ng	# 97
20) 4,6-Dinitro-2-methylph...	15.449	198	225	0.178	ng	# 1
24) Pentachlorophenol	16.713	266	1481	0.056	ng	98
25) Phenanthrene	17.103	178	74687	0.186	ng	# 92
26) Anthracene	17.188	178	37587	0.097	ng	# 93
28) Fluoranthene	19.132	202	17943	0.039	ng	# 96
30) Pyrene	19.495	202	15406	0.032	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.206	149	56985	0.217	ng	99

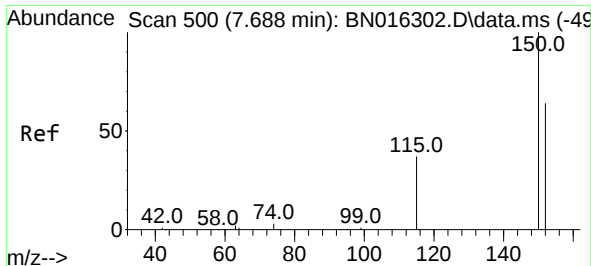
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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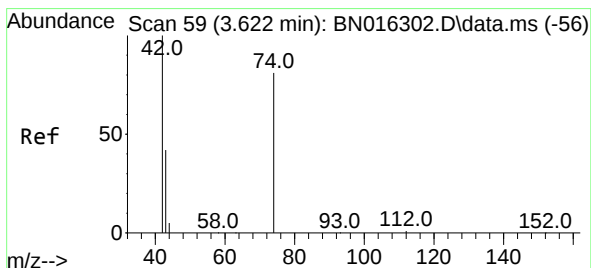
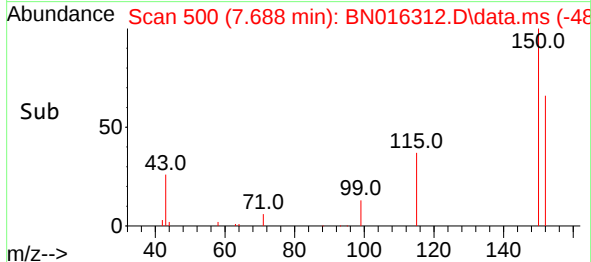
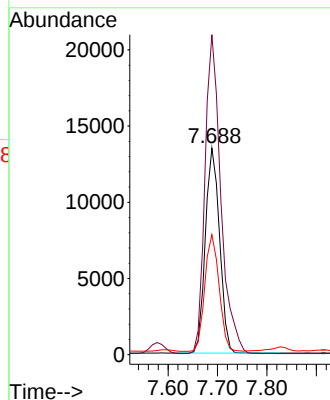
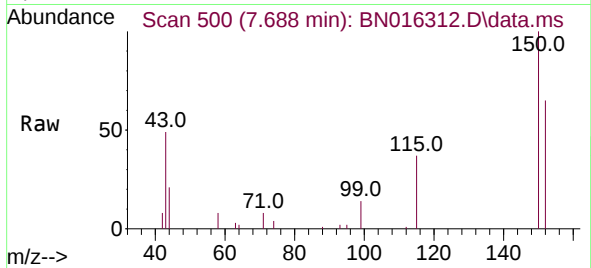




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

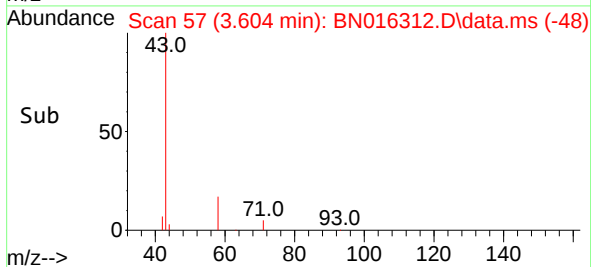
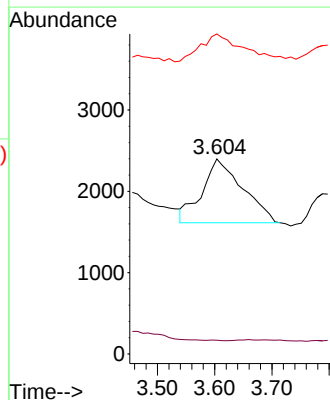
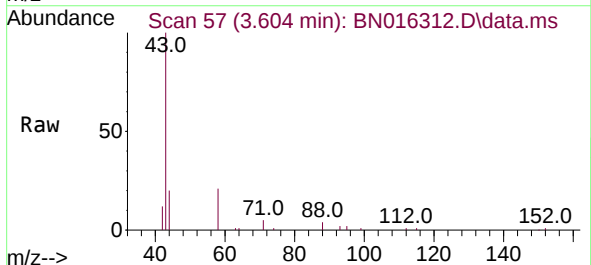
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BNA_N
ClientSampleId :
SW-CB-04-(1.5)

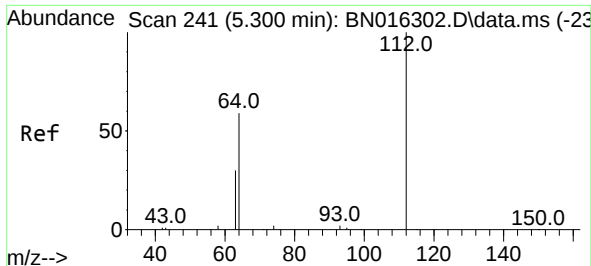
Tgt Ion:152 Resp: 26889
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 58.0 50.2 75.2



#3
n-Nitrosodimethylamine
Concen: 0.150 ng
RT: 3.604 min Scan# 57
Delta R.T. -0.018 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion: 42 Resp: 3839
Ion Ratio Lower Upper
42 100
74 0.0 113.6 170.4#
44 43.2 0.0 0.0#

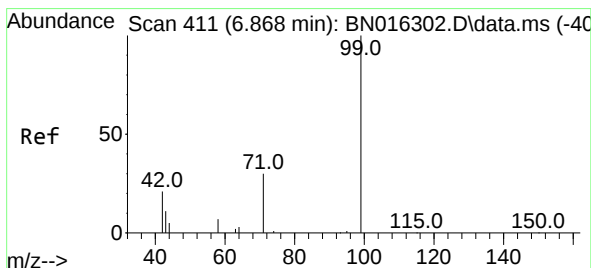
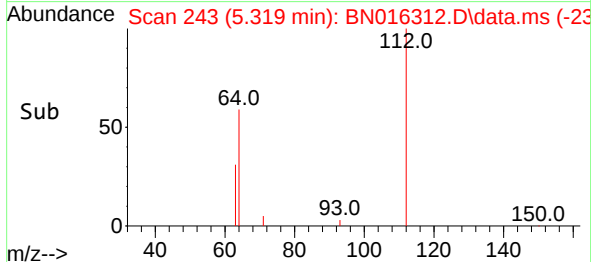
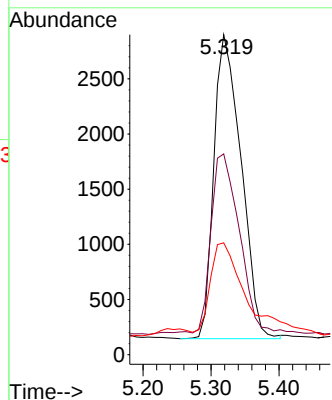
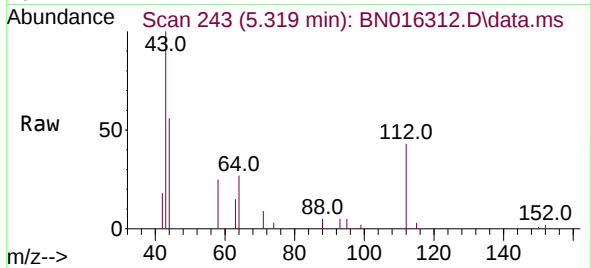




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.018 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

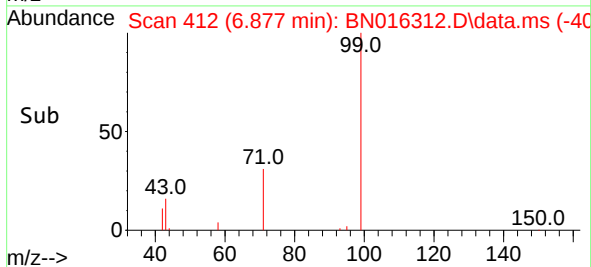
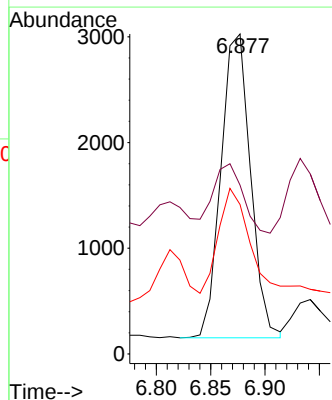
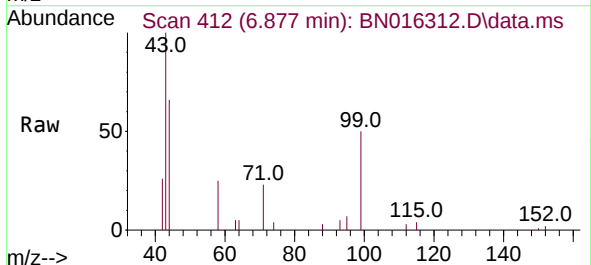
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

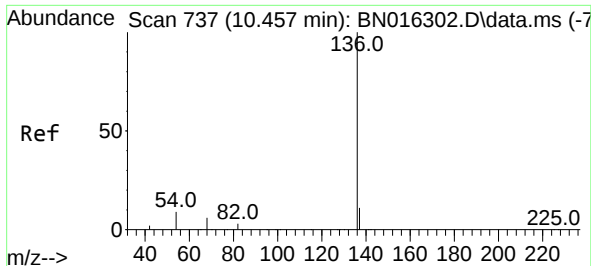
Tgt Ion:112 Resp: 7649
Ion Ratio Lower Upper
112 100
64 61.8 47.3 70.9
63 35.7 23.4 35.0#



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion: 99 Resp: 5435
Ion Ratio Lower Upper
99 100
42 22.4 14.0 21.0#
71 36.2 23.8 35.6#

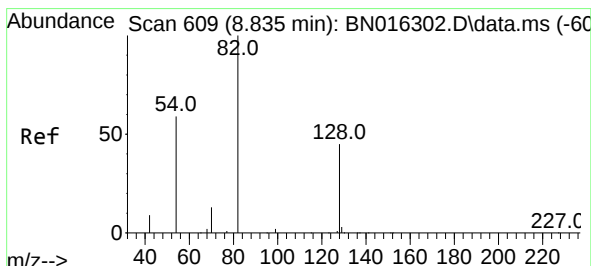
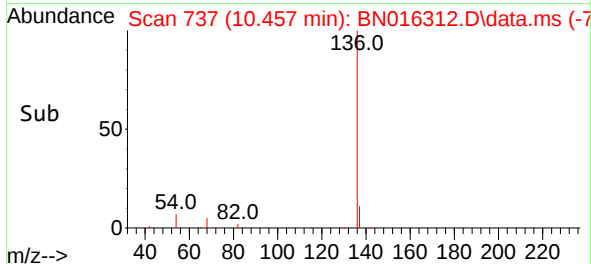
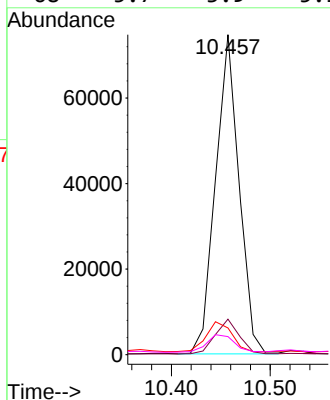
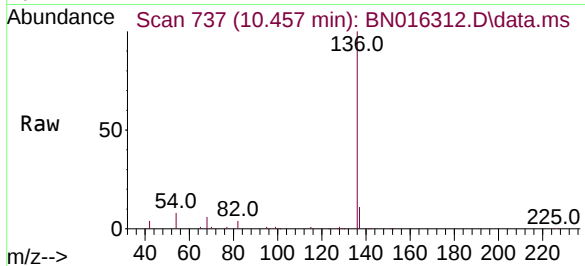




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

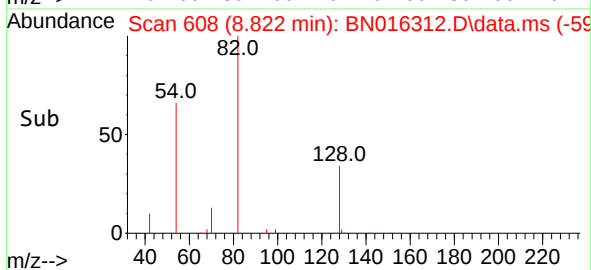
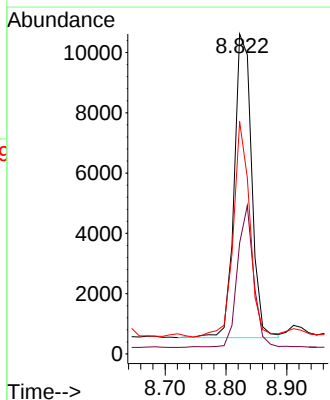
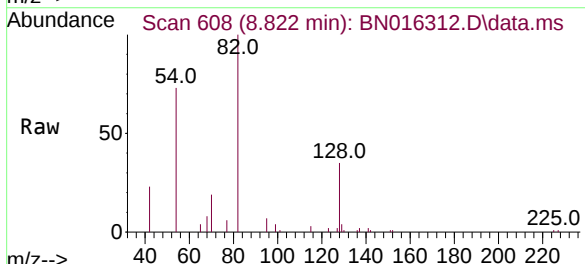
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

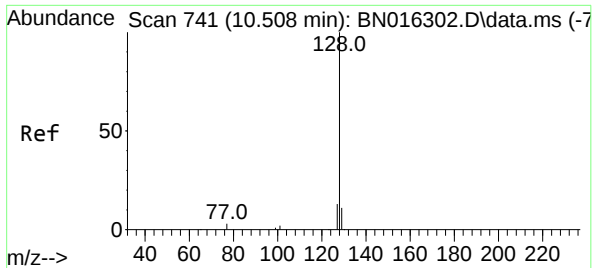
Tgt Ion:	136	Resp:	123124
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.3	5.3	7.9#
68	5.7	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:	82	Resp:	20054
Ion	Ratio	Lower	Upper
82	100		
128	34.7	31.7	47.5
54	72.6	46.4	69.6#

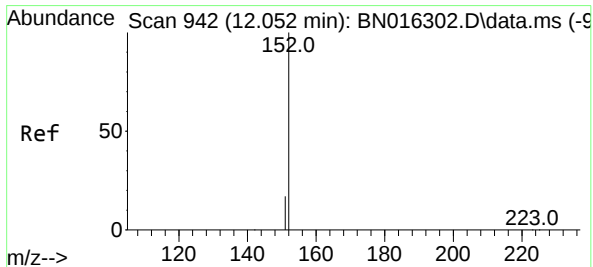
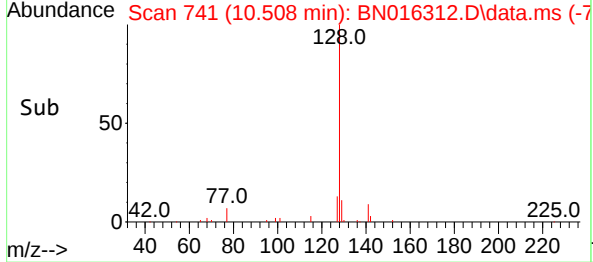
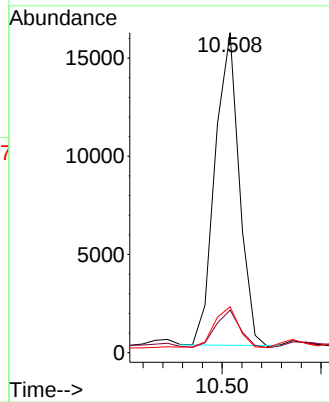
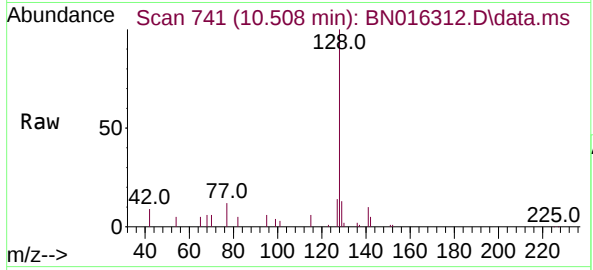




#9
Naphthalene
Concen: 0.081 ng
RT: 10.508 min Scan# 741
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

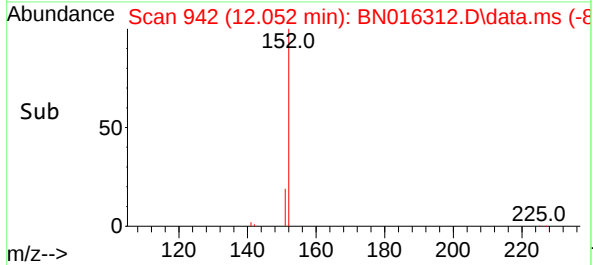
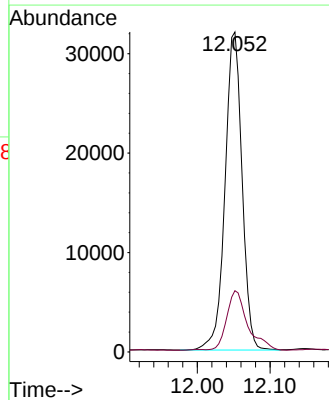
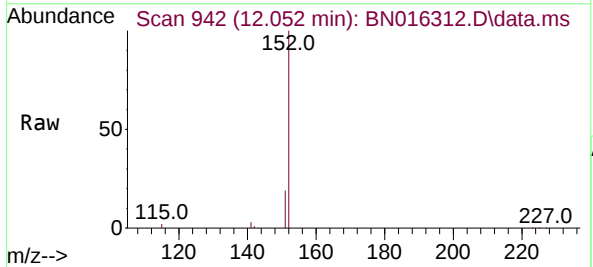
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

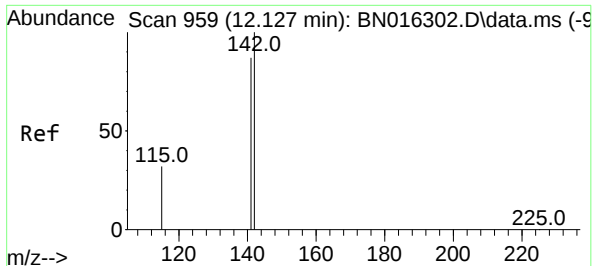
Tgt Ion:	128	Resp:	26964
Ion Ratio	Lower	Upper	
128	100		
129	13.3	8.9	13.3
127	14.3	10.1	15.1



#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.052 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:	152	Resp:	52052
Ion Ratio	Lower	Upper	
152	100		
151	22.9	16.1	24.1

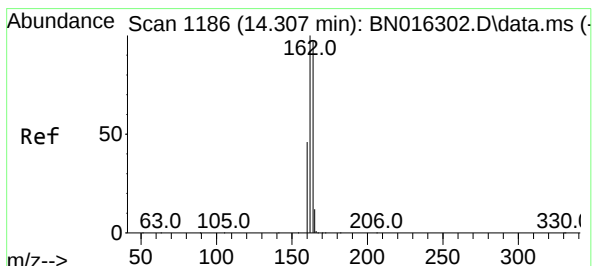
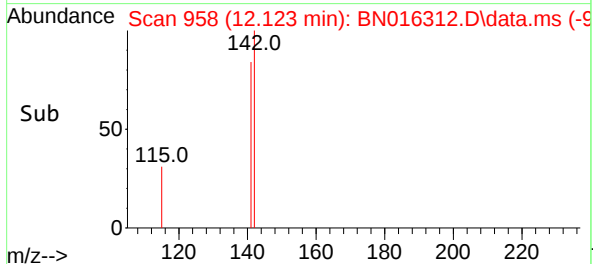
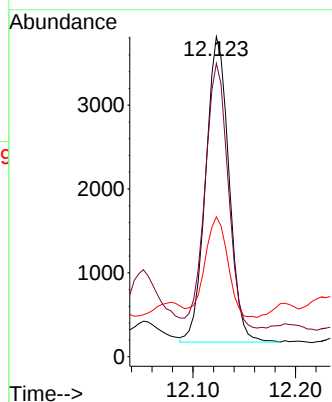
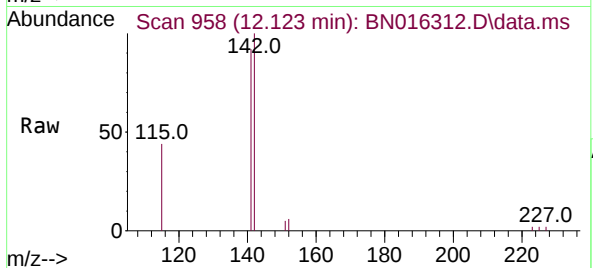




#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.123 min Scan# 958
Delta R.T. -0.004 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

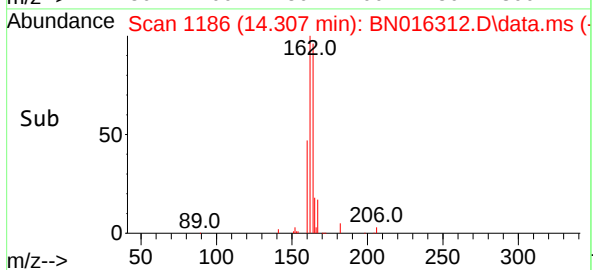
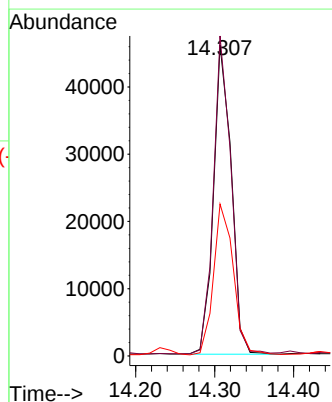
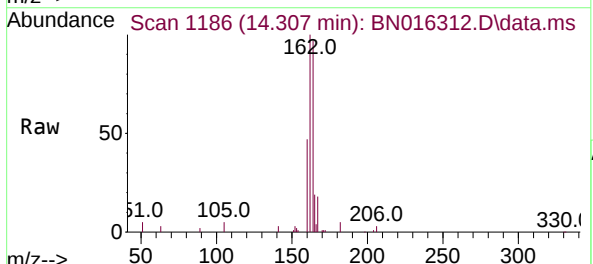
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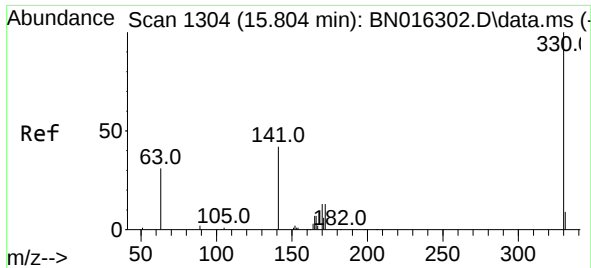
Tgt Ion:142 Resp: 5763
Ion Ratio Lower Upper
142 100
141 91.7 69.8 104.8
115 43.7 24.4 36.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:164 Resp: 72159
Ion Ratio Lower Upper
164 100
162 102.9 79.0 118.4
160 48.8 34.1 51.1

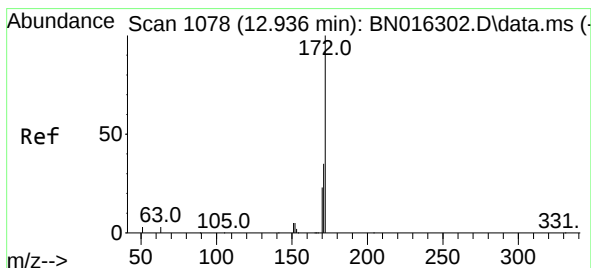
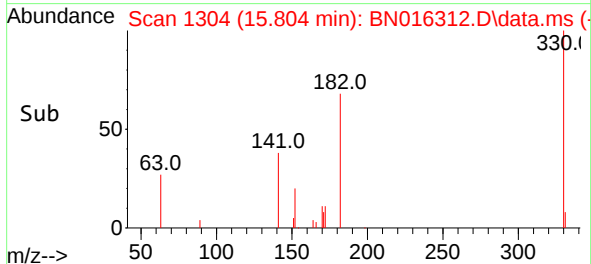
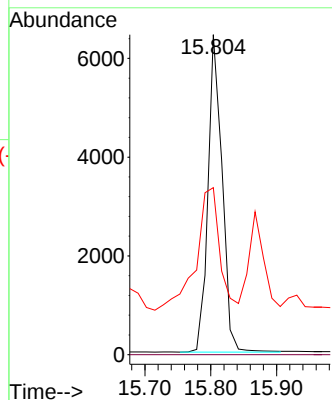
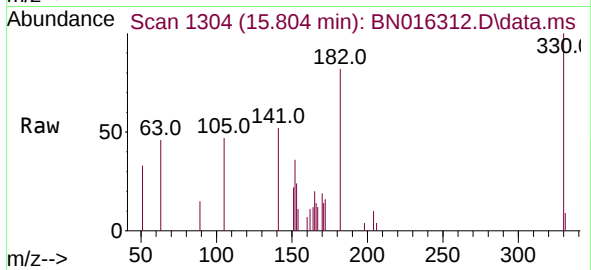




#14
2,4,6-Tribromophenol
Concen: 0.451 ng
RT: 15.804 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

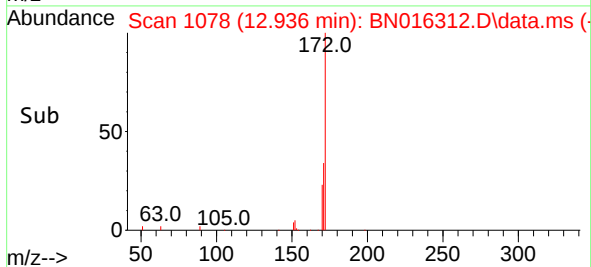
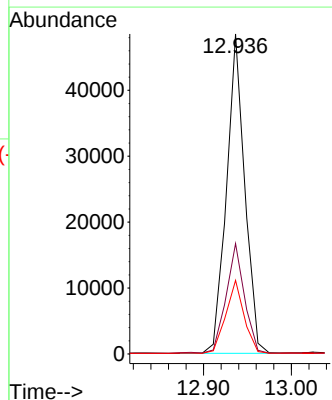
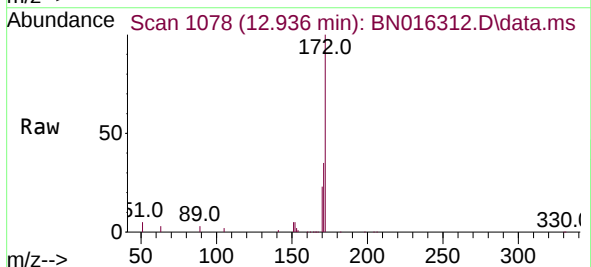
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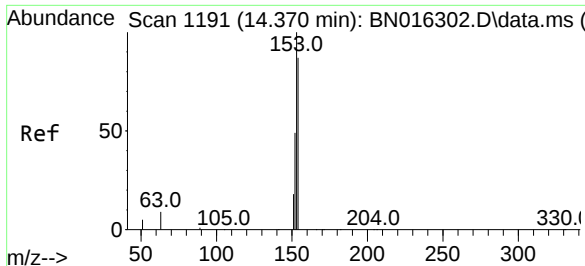
Tgt Ion:330 Resp: 9564
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 57.1 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 12.936 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:172 Resp: 69890
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.0 18.2 27.2

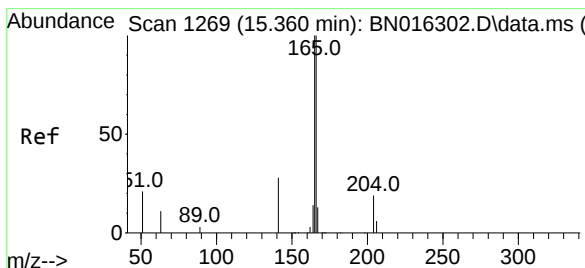
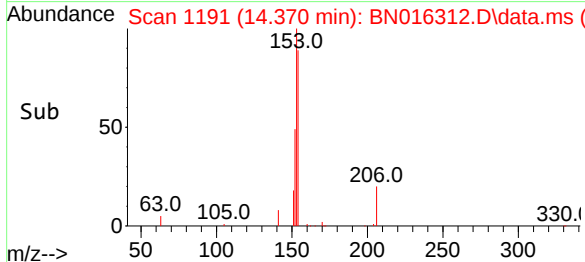
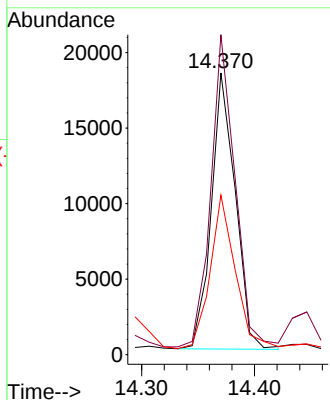
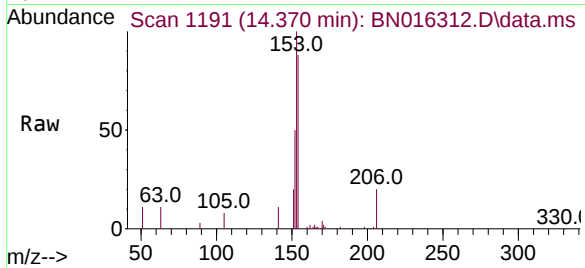




#17
Acenaphthene
Concen: 0.130 ng
RT: 14.370 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

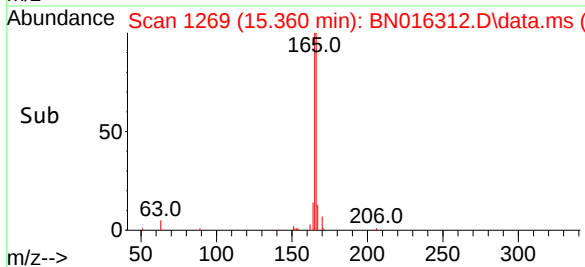
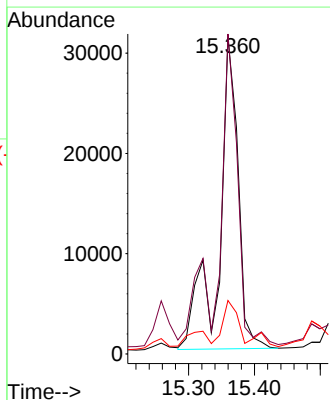
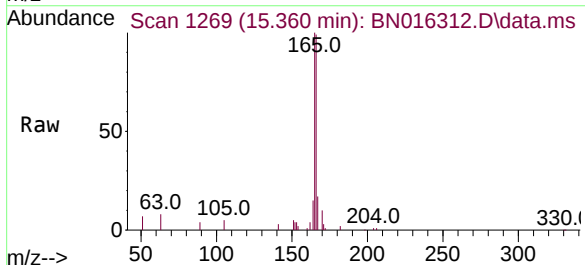
Instrument :
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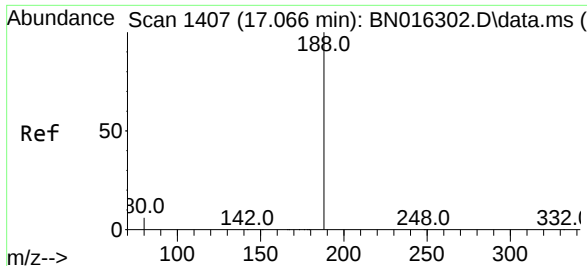
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Ion Ratio Lower Upper
154 100
153 114.1 89.3 133.9
152 60.2 42.2 63.4



#18
Fluorene
Concen: 0.244 ng
RT: 15.360 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:166 Resp: 62955
Ion Ratio Lower Upper
166 100
165 98.2 76.7 115.1
167 10.5 10.9 16.3#

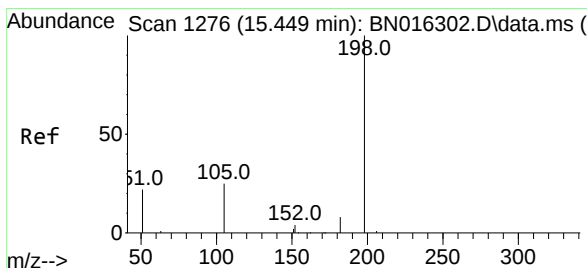
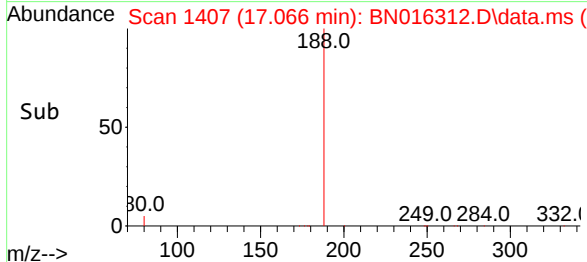
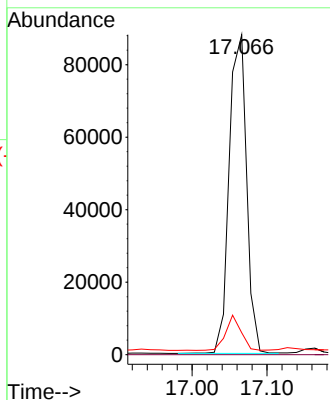
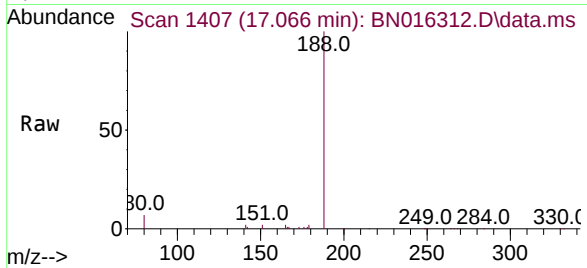




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

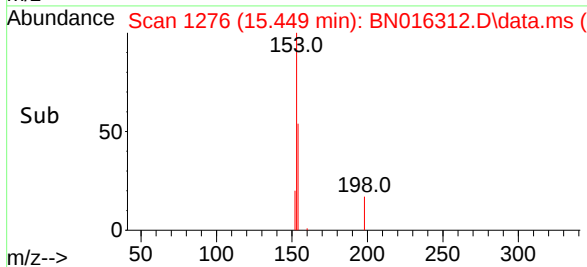
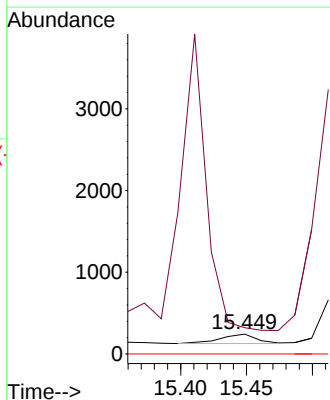
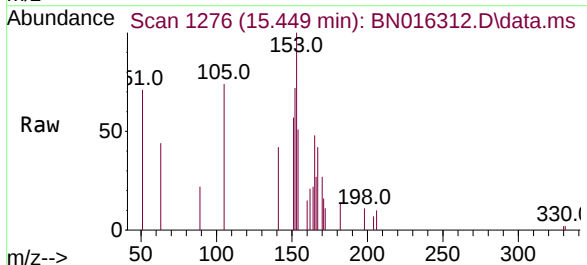
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

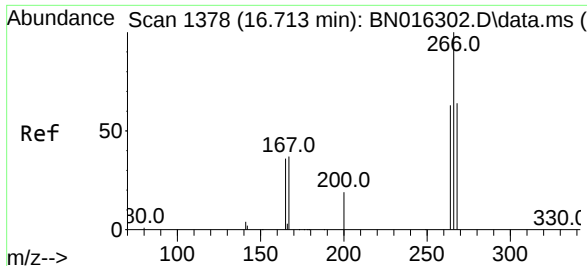
Tgt Ion:188 Resp: 141923
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:198 Resp: 225
Ion Ratio Lower Upper
198 100
182 131.6 26.6 39.8#
77 0.0 0.0 0.0

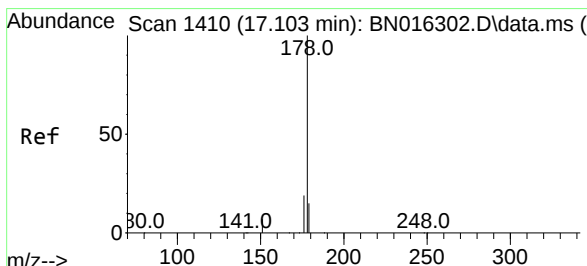
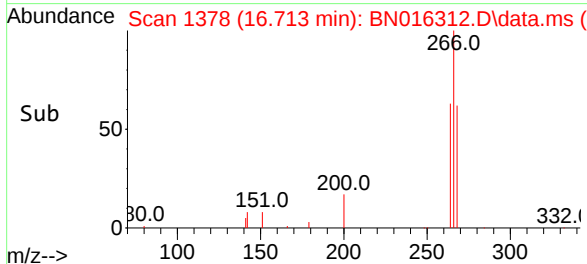
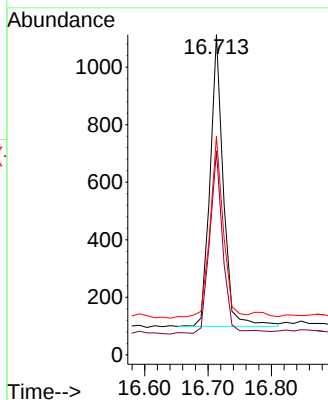
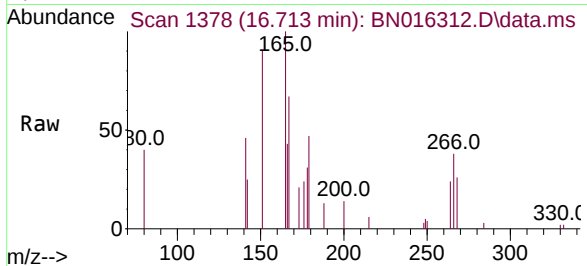




#24
Pentachlorophenol
Concen: 0.056 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

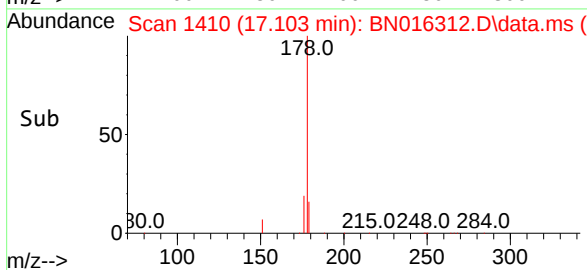
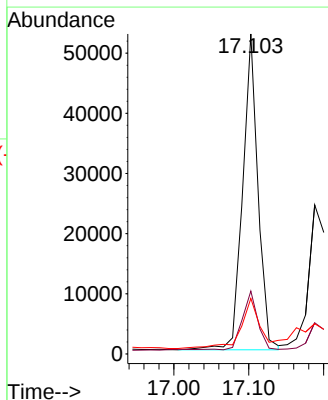
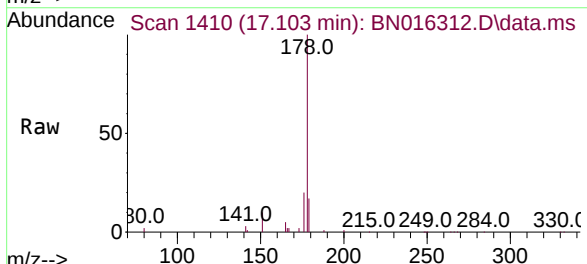
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

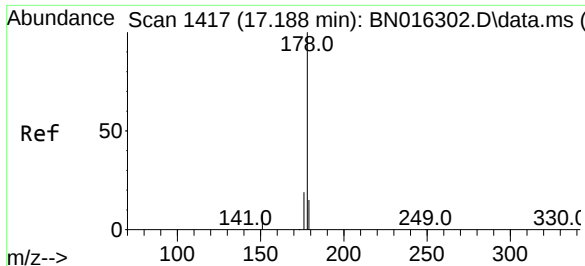
Tgt Ion:	266	Resp:	1481
Ion Ratio	Lower	Upper	
266	100		
264	64.0	50.6	75.8
268	63.4	52.6	79.0



#25
Phenanthrene
Concen: 0.186 ng
RT: 17.103 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:	178	Resp:	74687
Ion Ratio	Lower	Upper	
178	100		
176	19.7	14.4	21.6
179	20.3	12.2	18.4

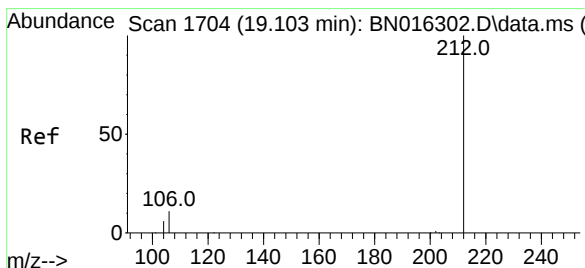
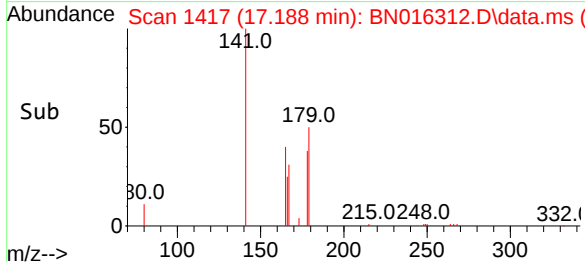
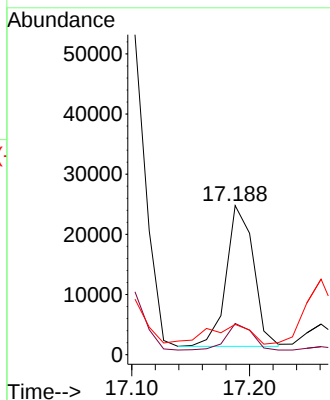
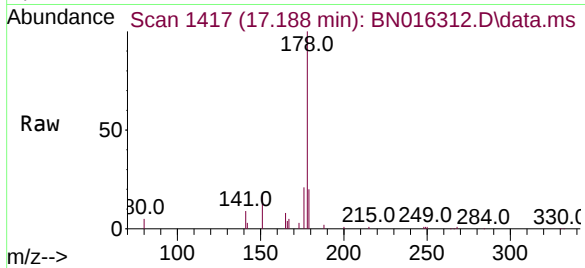




#26
 Anthracene
 Concen: 0.097 ng
 RT: 17.188 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: BN016312.D
 Acq: 18 Sep 2021 00:42

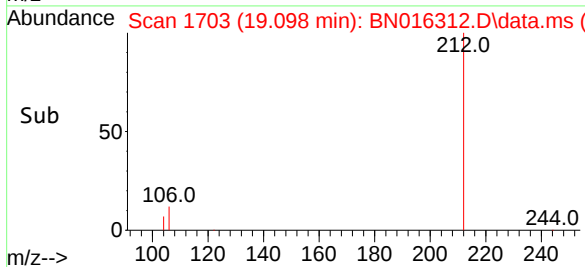
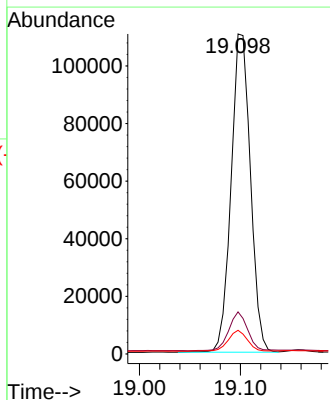
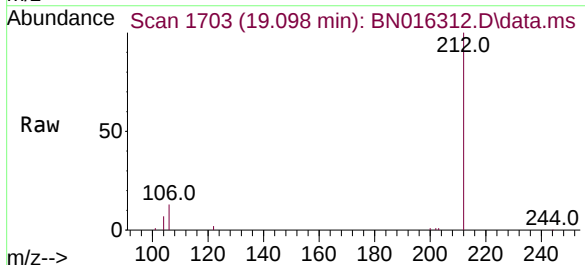
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

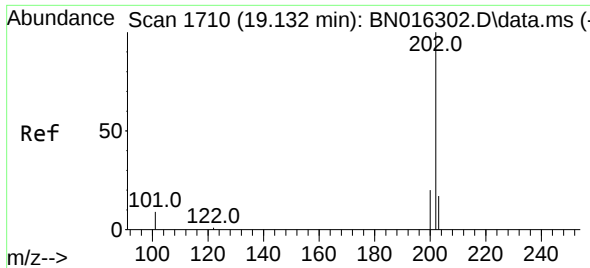
Tgt Ion:178 Resp: 37587
 Ion Ratio Lower Upper
 178 100
 176 18.3 13.9 20.9
 179 20.9 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.359 ng
 RT: 19.098 min Scan# 1703
 Delta R.T. -0.005 min
 Lab File: BN016312.D
 Acq: 18 Sep 2021 00:42

Tgt Ion:212 Resp: 147323
 Ion Ratio Lower Upper
 212 100
 106 11.9 9.8 14.6
 104 6.5 5.4 8.2

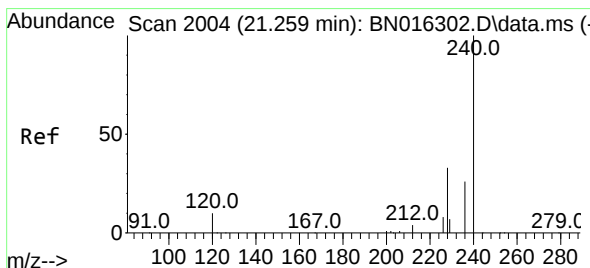
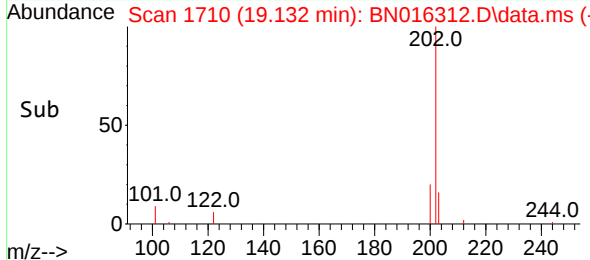
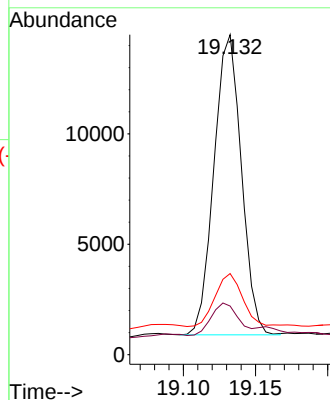
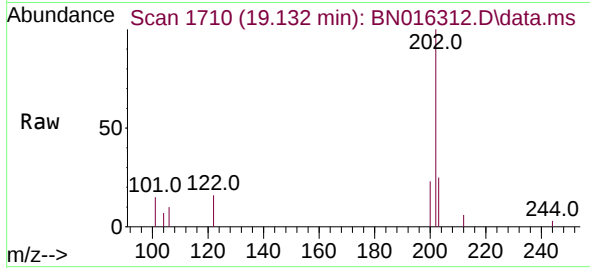




#28
Fluoranthene
Concen: 0.039 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

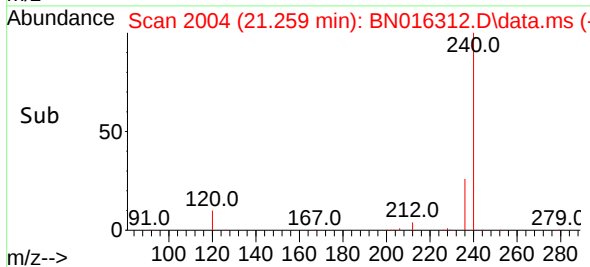
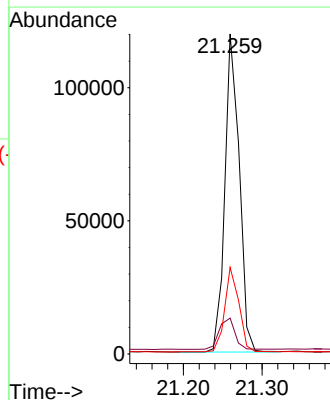
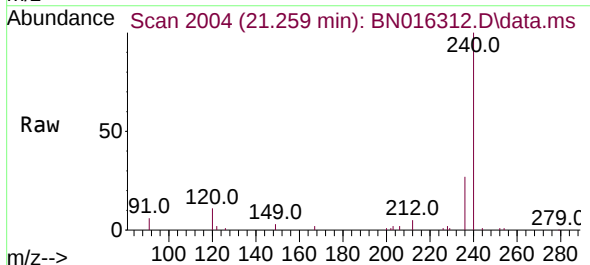
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

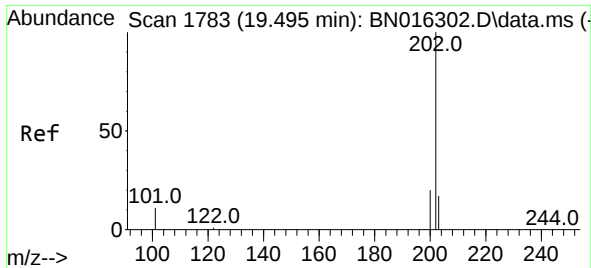
Tgt Ion:202 Resp: 17943
Ion Ratio Lower Upper
202 100
101 14.0 8.5 12.7#
203 17.8 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:240 Resp: 151749
Ion Ratio Lower Upper
240 100
120 11.2 5.3 7.9#
236 27.0 19.8 29.8

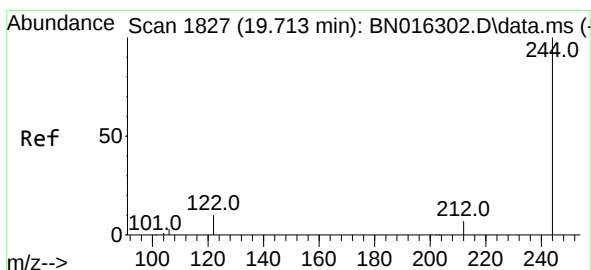
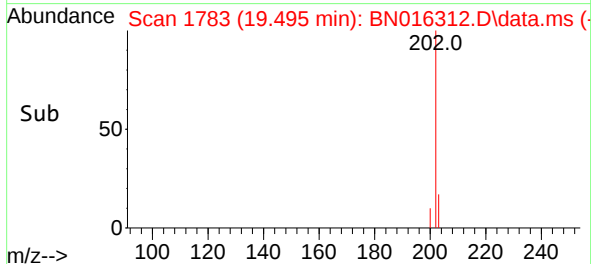
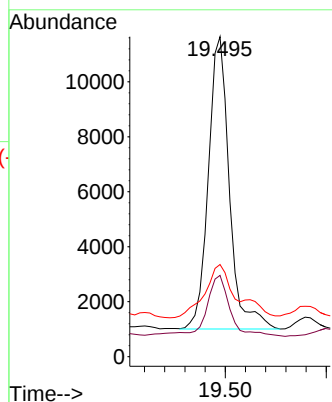
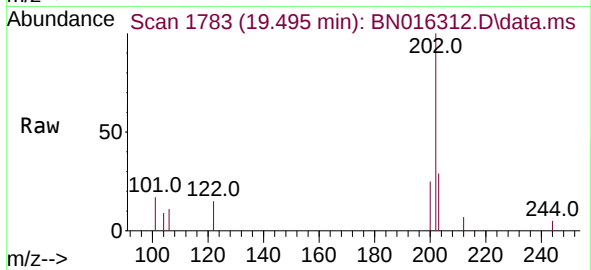




#30
Pyrene
Concen: 0.032 ng
RT: 19.495 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

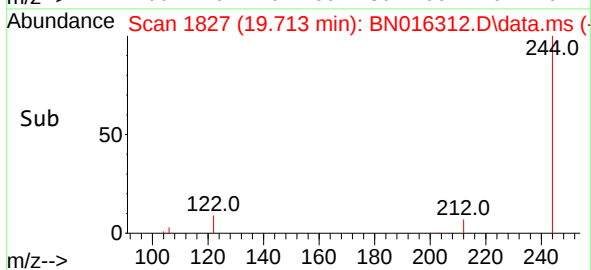
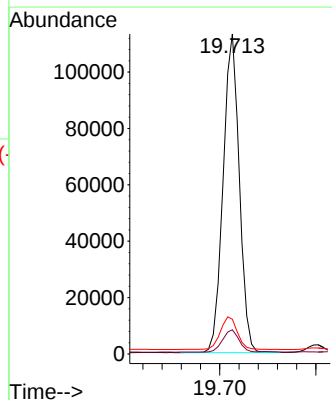
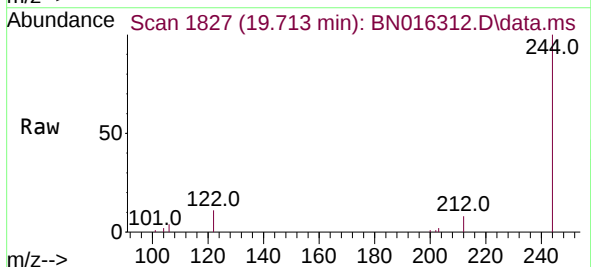
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

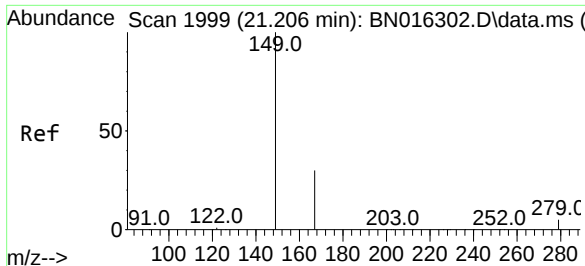
Tgt Ion:202 Resp: 15406
Ion Ratio Lower Upper
202 100
200 24.0 15.8 23.6#
203 22.3 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.376 ng
RT: 19.713 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:244 Resp: 132174
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 10.8 9.0 13.4

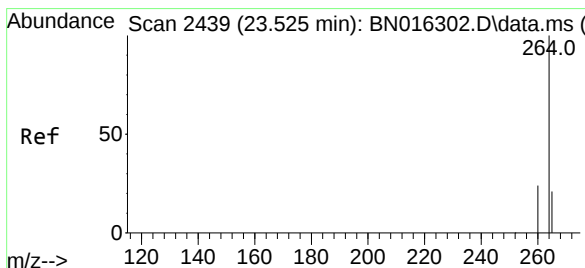
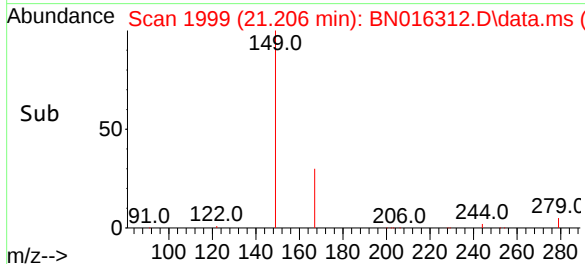
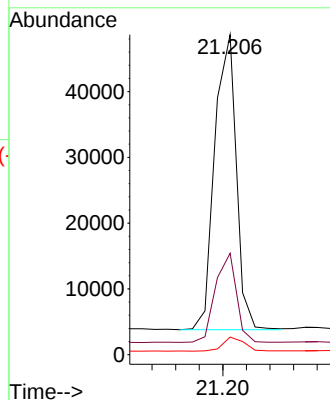
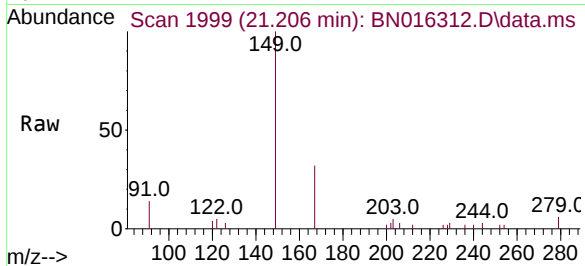




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.217 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

Tgt Ion:149 Resp: 56985
Ion Ratio Lower Upper
149 100
167 29.7 23.4 35.0
279 4.9 3.9 5.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:264 Resp: 162956
Ion Ratio Lower Upper
264 100
260 24.8 18.9 28.3
265 28.4 23.7 35.5

