

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017711.D
 Acq On : 04 Dec 2021 04:07
 Operator : CG/JU
 Sample : PB141149BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141149BL

Quant Time: Dec 06 02:12:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

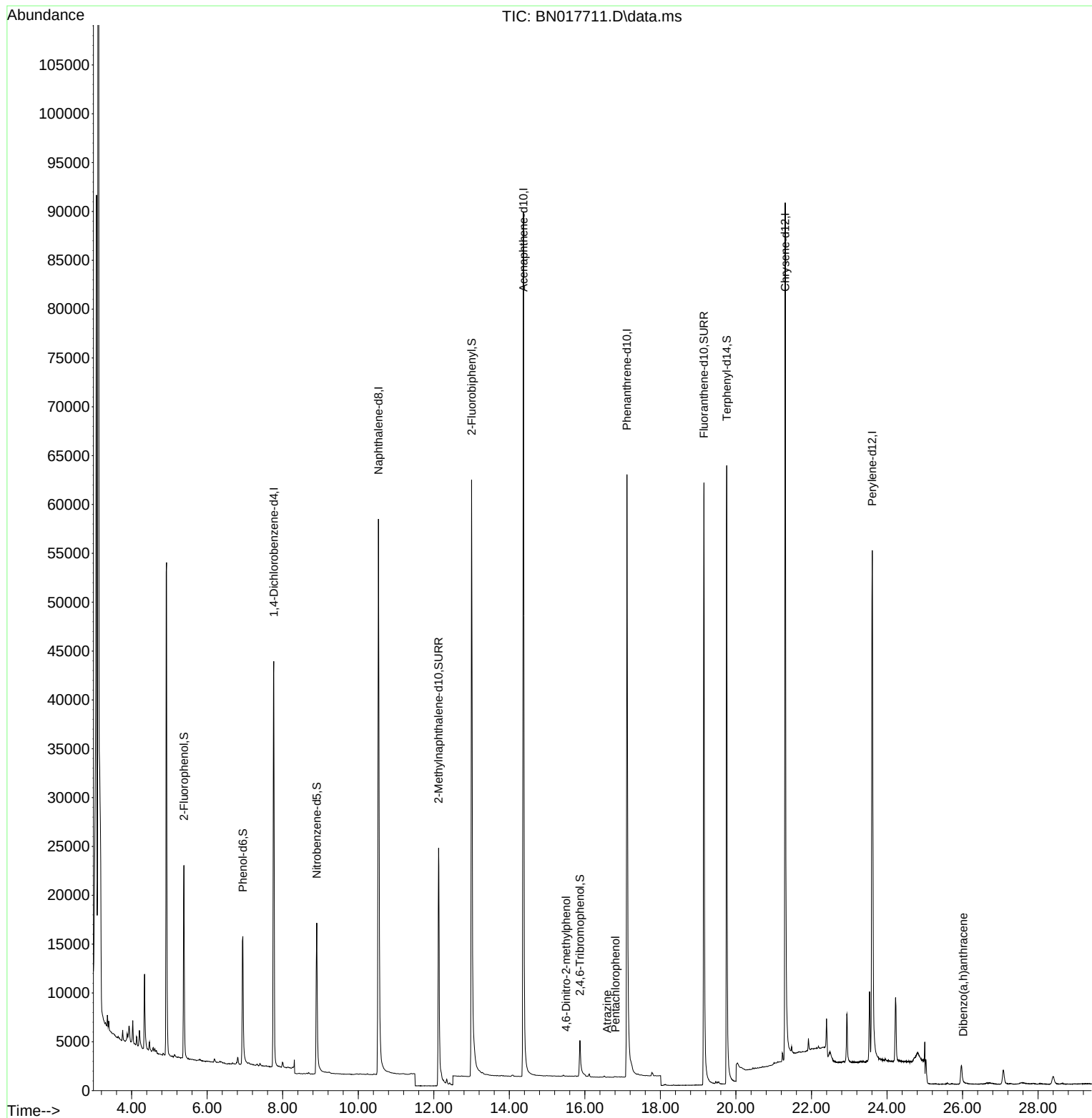
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	23511	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	94538	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	57156	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	111413	0.400	ng	0.00
29) Chrysene-d12	21.303	240	105328	0.400	ng	# 0.00
35) Perylene-d12	23.609	264	84407	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	16112	0.291	ng	0.03
5) Phenol-d6	6.943	99	14413	0.255	ng	0.02
8) Nitrobenzene-d5	8.900	82	16397	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	12.129	152	44535	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	5032	0.273	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	65762	0.302	ng	0.00
27) Fluoranthene-d10	19.154	212	94397	0.260	ng	0.00
31) Terphenyl-d14	19.754	244	82158	0.352	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.501	198	2	0.236	ng	# 1
23) Atrazine	16.593	200	13	0.097	ng	# 1
24) Pentachlorophenol	16.812	266	129	0.286	ng	# 56
40) Dibenzo(a,h)anthracene	26.019	278	332	0.084	ng	# 1

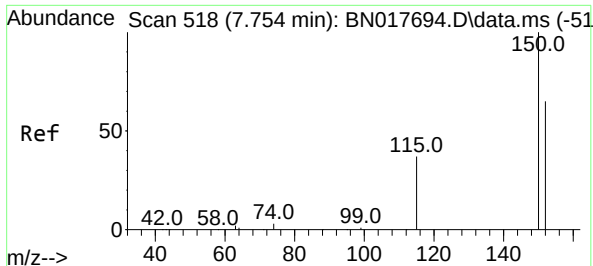
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 23:07:38 2021
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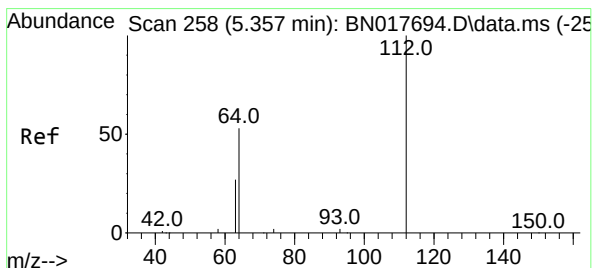
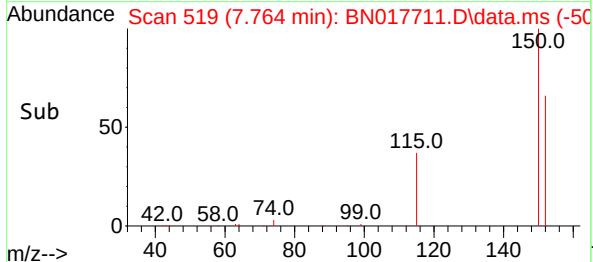
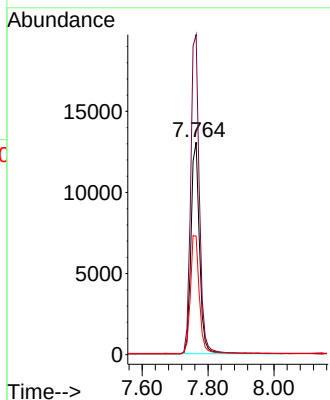
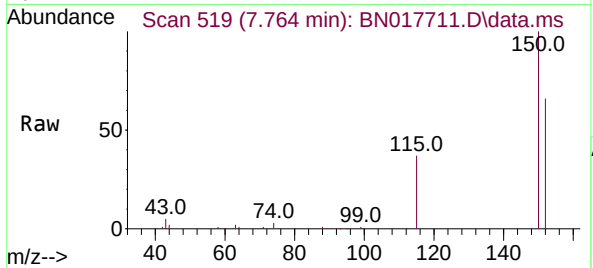




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.764 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

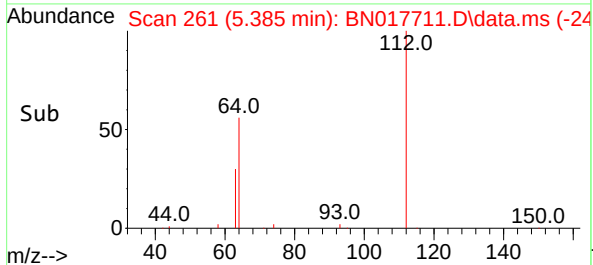
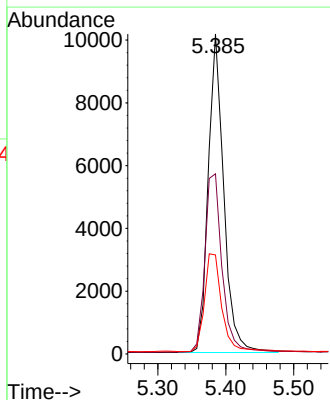
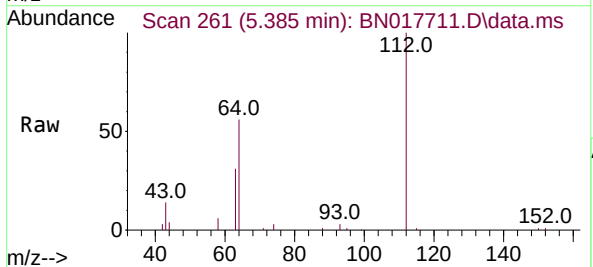
Instrument :
BNA_N
ClientSampleId :
PB141149BL

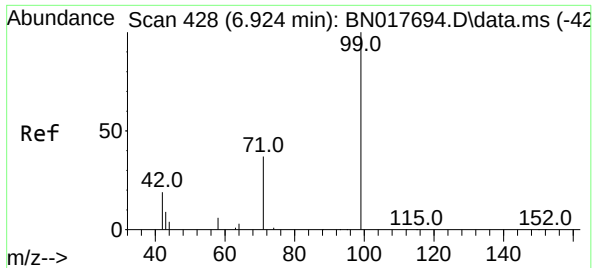
Tgt Ion:152 Resp: 23511
Ion Ratio Lower Upper
152 100
150 150.7 123.0 184.4
115 55.8 45.6 68.4



#4
2-Fluorophenol
Concen: 0.291 ng
RT: 5.385 min Scan# 261
Delta R.T. 0.028 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

Tgt Ion:112 Resp: 16112
Ion Ratio Lower Upper
112 100
64 62.0 47.6 71.4
63 34.5 24.6 37.0

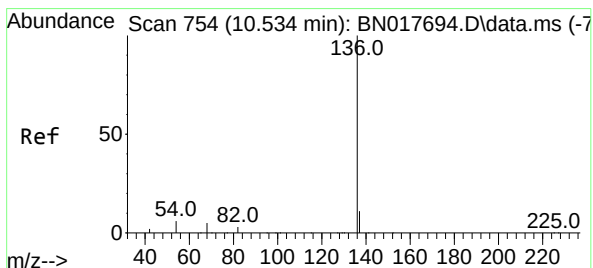
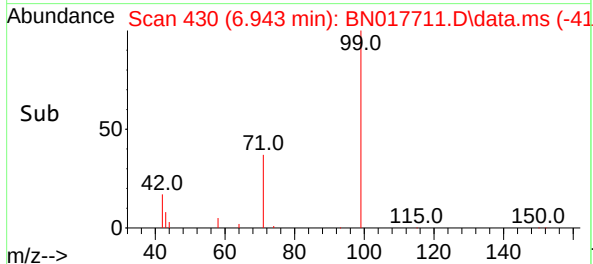
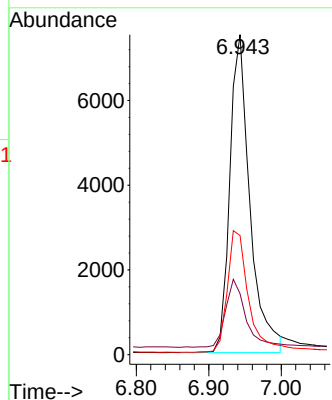
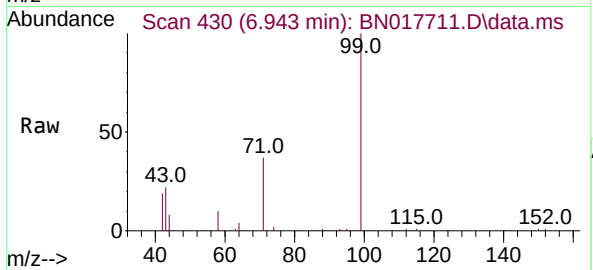




#5
Phenol-d6
Concen: 0.255 ng
RT: 6.943 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

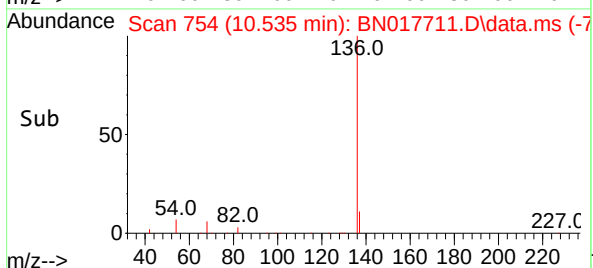
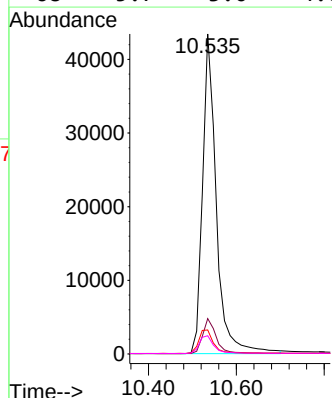
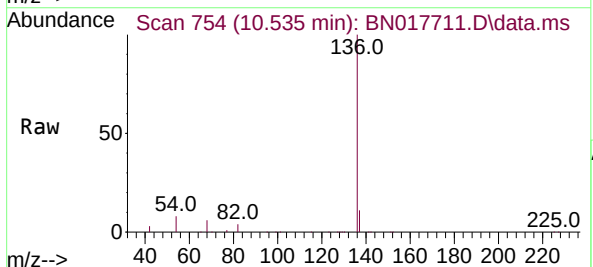
Instrument :
BNA_N
ClientSampleId :
PB141149BL

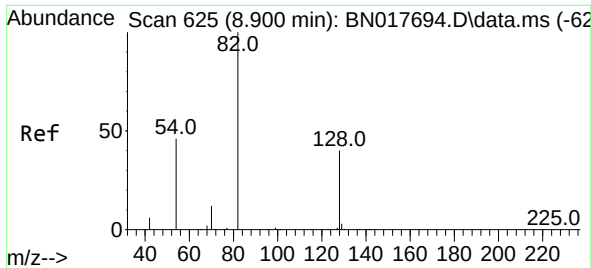
Tgt Ion: 99 Resp: 14413
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 40.1 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

Tgt Ion: 136 Resp: 94538
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 4.0 6.0#
68 5.7 3.0 4.6#

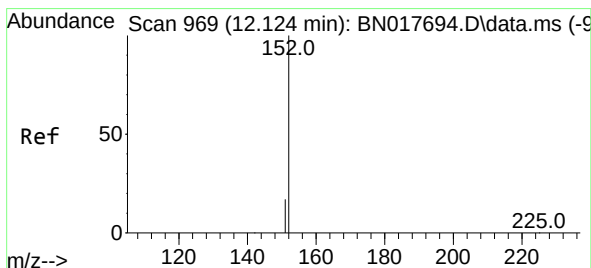
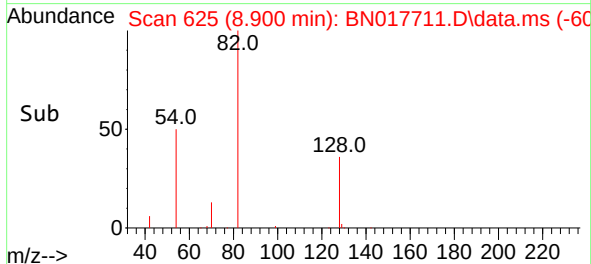
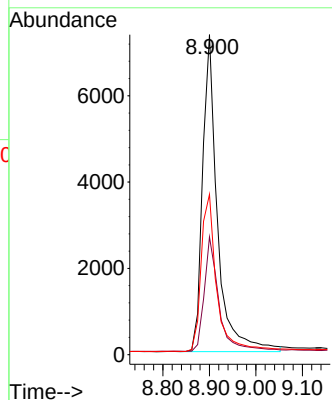
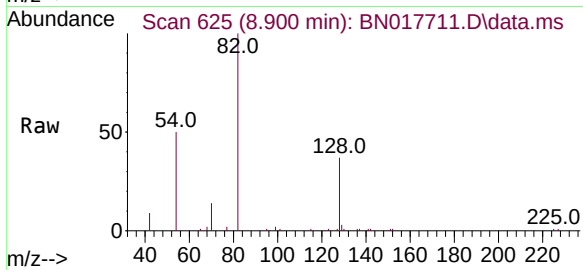




#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.900 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

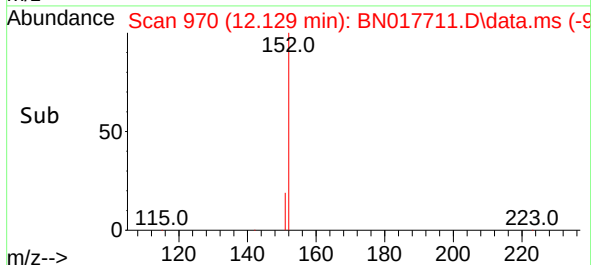
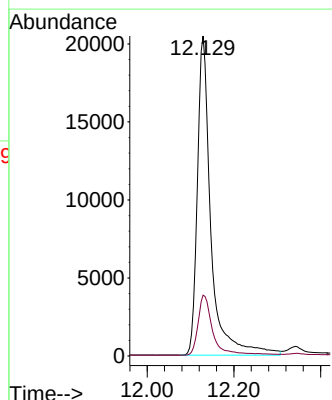
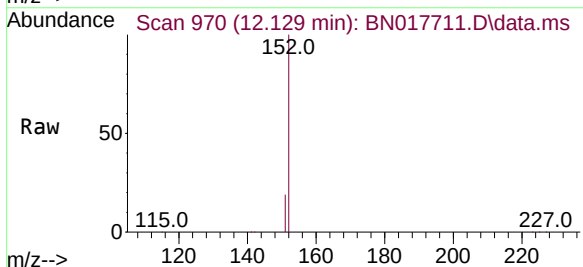
Instrument :
BNA_N
ClientSampleId :
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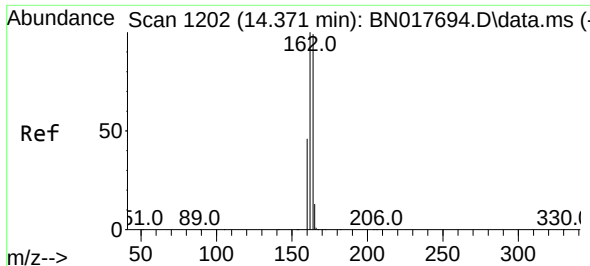
Tgt Ion: 82 Resp: 16397
Ion Ratio Lower Upper
82 100
128 36.8 27.7 41.5
54 50.1 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.129 min Scan# 970
Delta R.T. 0.005 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

Tgt Ion: 152 Resp: 44535
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4

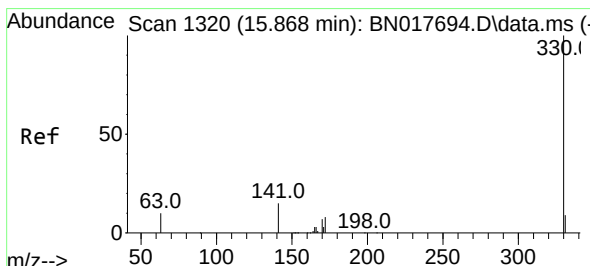
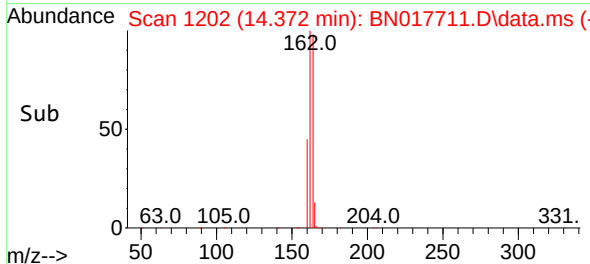
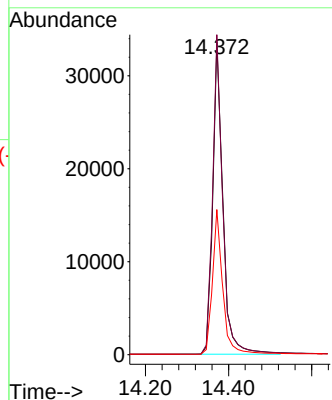
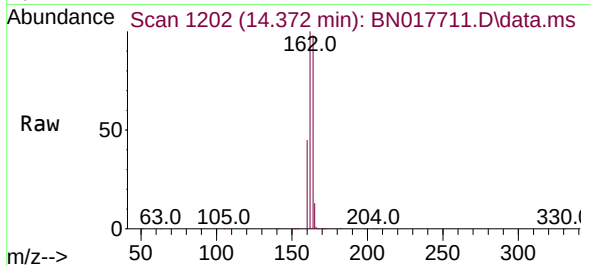




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.372 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017711.D
 Acq: 04 Dec 2021 04:07

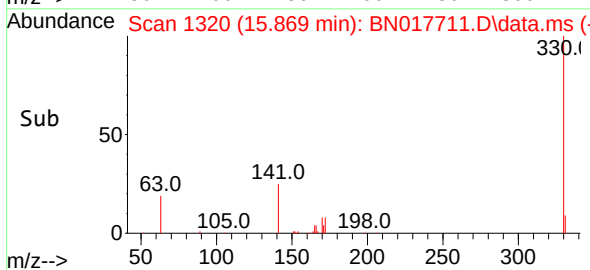
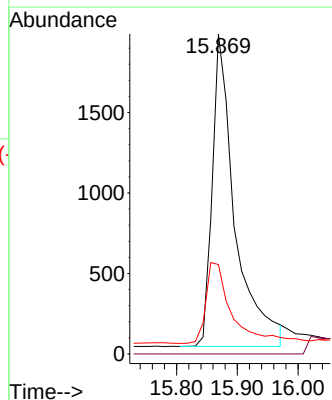
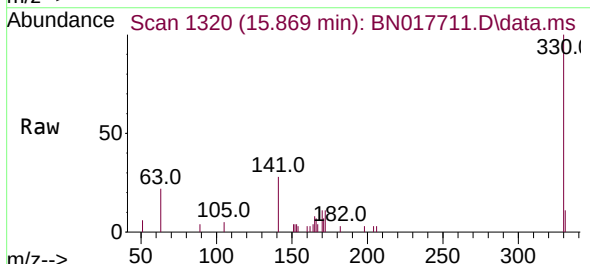
Instrument :
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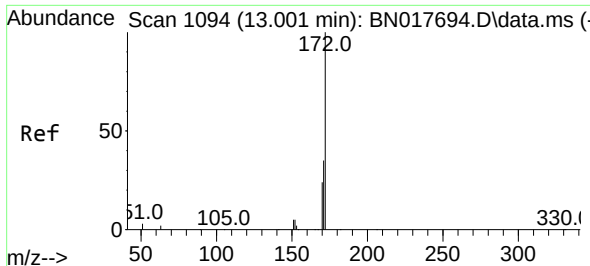
Tgt Ion:164 Resp: 57156
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.4 122.2
 160 46.4 36.8 55.2



#14
 2,4,6-Tribromophenol
 Concen: 0.273 ng
 RT: 15.869 min Scan# 1320
 Delta R.T. 0.001 min
 Lab File: BN017711.D
 Acq: 04 Dec 2021 04:07

Tgt Ion:330 Resp: 5032
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 28.9 28.9 43.3#

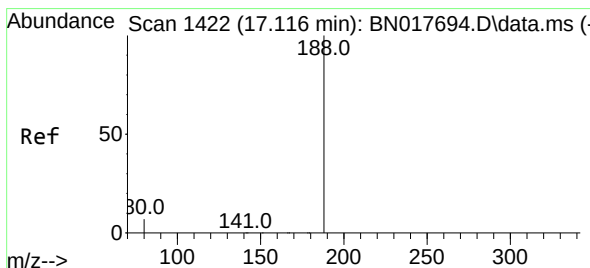
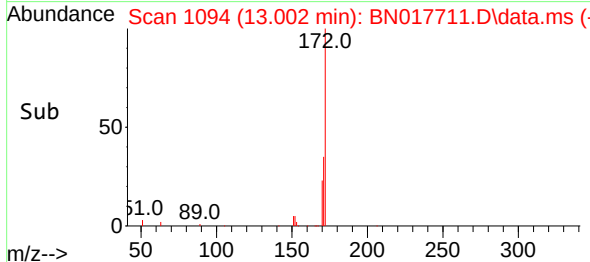
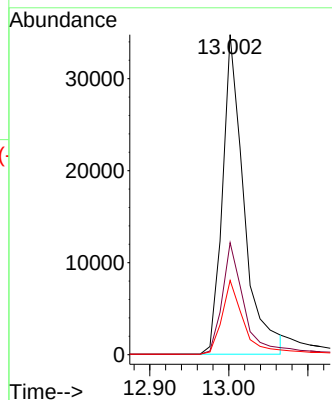
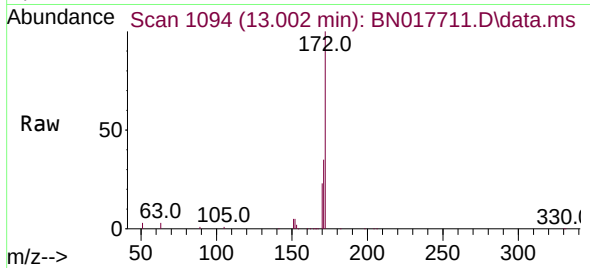




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.002 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

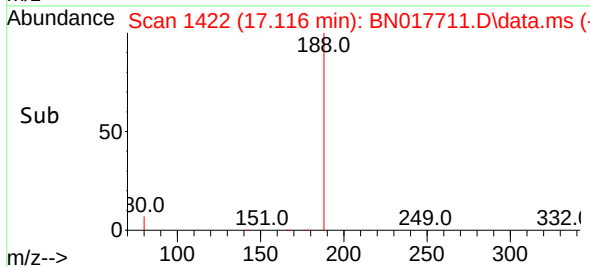
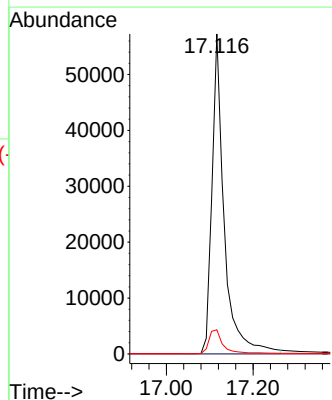
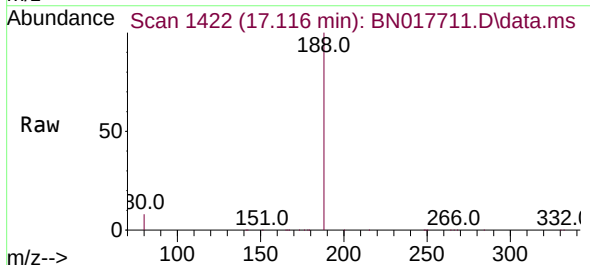
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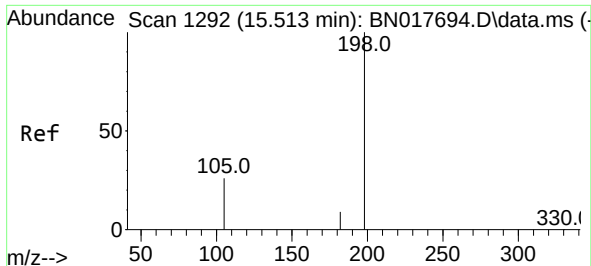
Tgt Ion:172 Resp: 65762
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.2 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

Tgt Ion:188 Resp: 111413
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.1 9.1

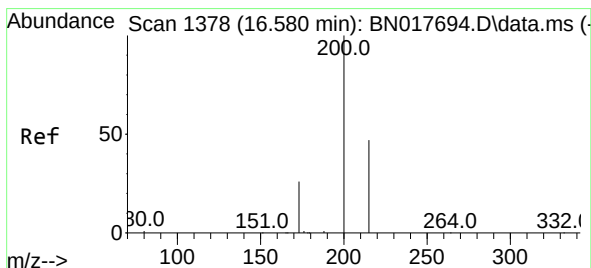
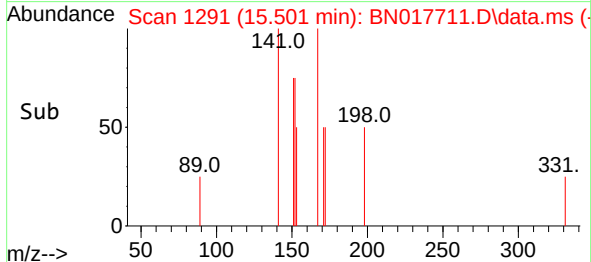
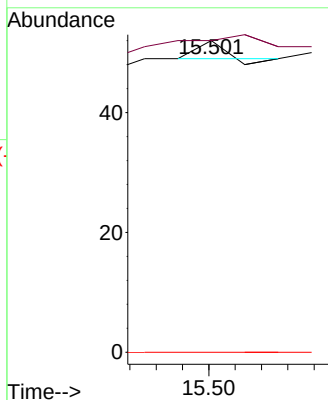
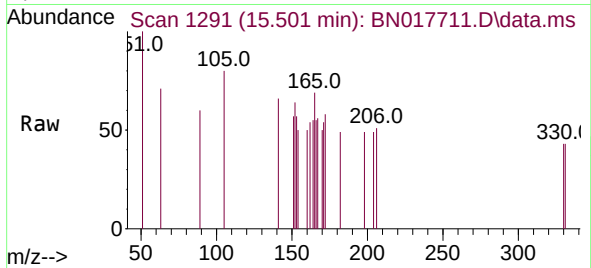




#20
4,6-Dinitro-2-methylphenol
Concen: 0.236 ng
RT: 15.501 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

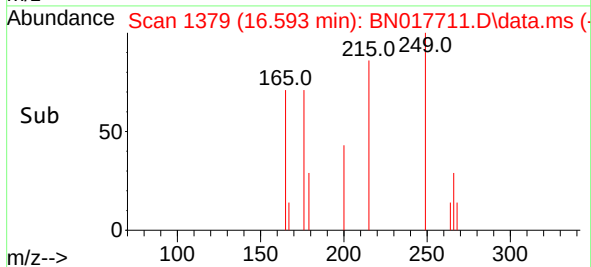
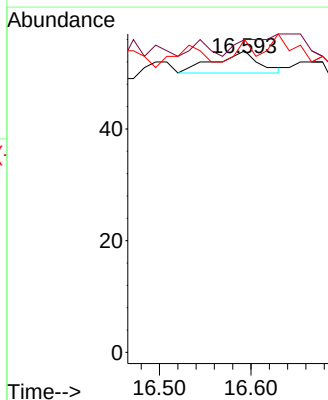
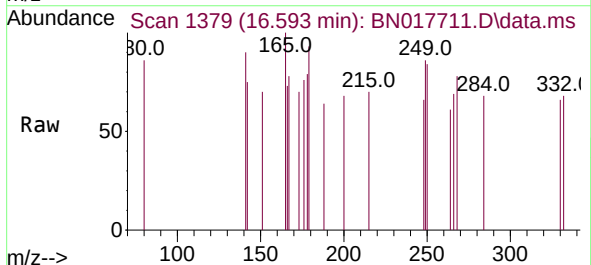
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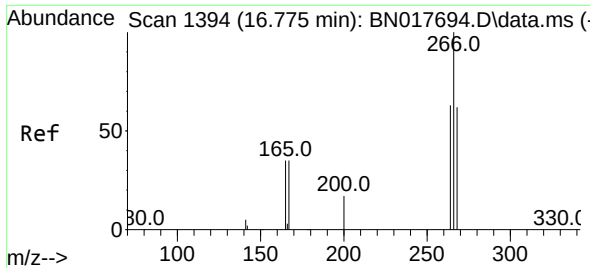
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 100.0 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.097 ng
RT: 16.593 min Scan# 1379
Delta R.T. 0.013 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

Tgt Ion:200 Resp: 13
Ion Ratio Lower Upper
200 100
173 103.7 17.6 26.4#
215 103.7 40.2 60.4#

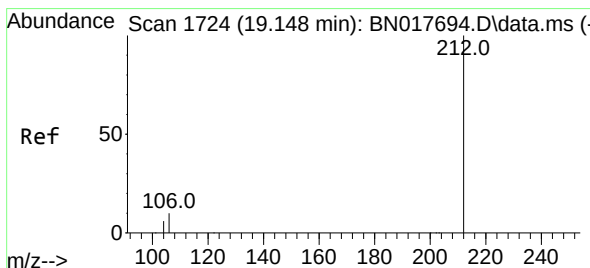
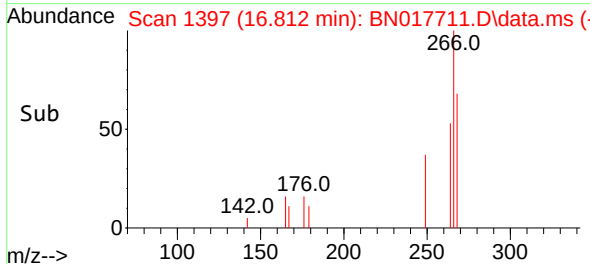
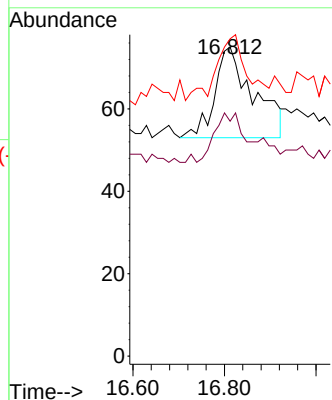
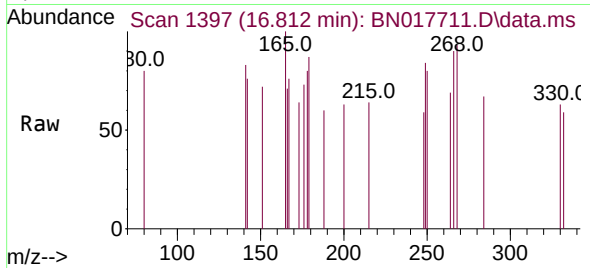




#24
 Pentachlorophenol
 Concen: 0.286 ng
 RT: 16.812 min Scan# 11
 Delta R.T. 0.037 min
 Lab File: BN017711.D
 Acq: 04 Dec 2021 04:07

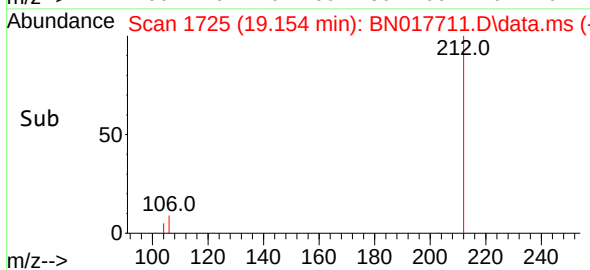
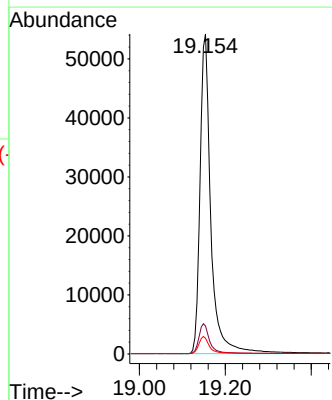
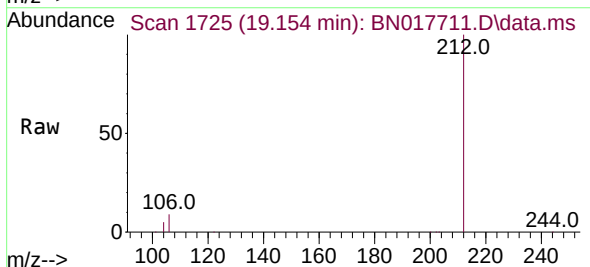
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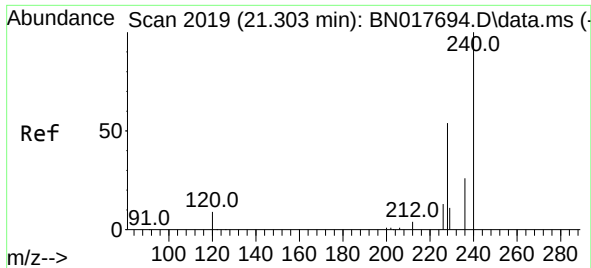
Tgt Ion:266 Resp: 129
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.8 74.8#
 268 57.4 51.3 76.9



#27
 Fluoranthene-d10
 Concen: 0.260 ng
 RT: 19.154 min Scan# 1725
 Delta R.T. 0.005 min
 Lab File: BN017711.D
 Acq: 04 Dec 2021 04:07

Tgt Ion:212 Resp: 94397
 Ion Ratio Lower Upper
 212 100
 106 9.4 10.5 15.7#
 104 5.3 5.8 8.6#

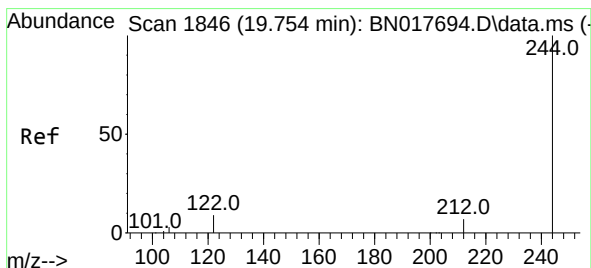
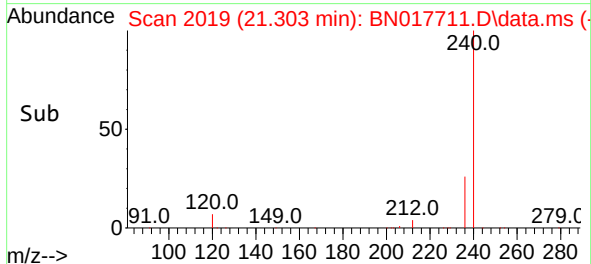
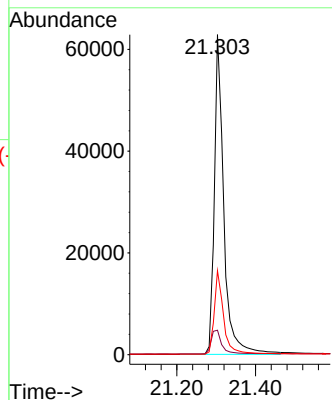
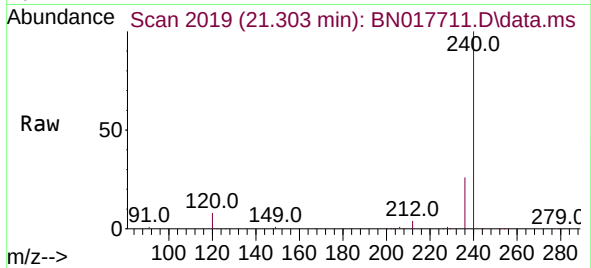




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

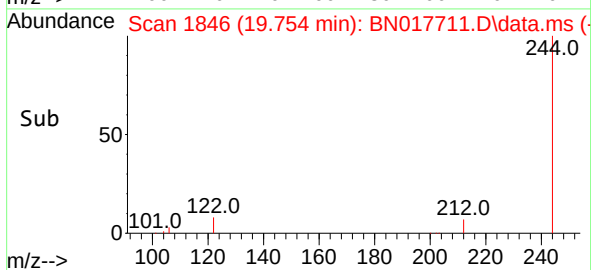
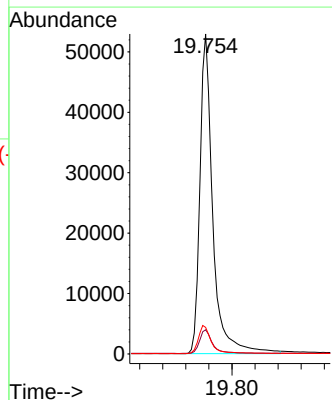
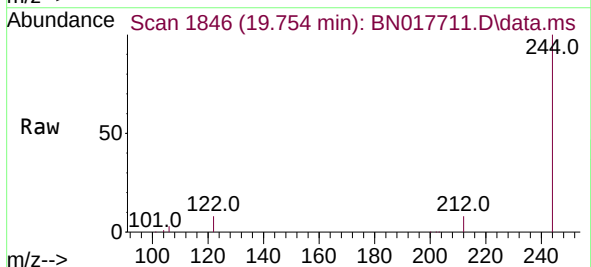
Instrument :
BNA_N
ClientSampleId :
PB141149BL

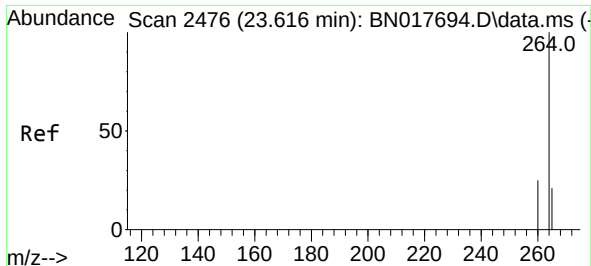
Tgt Ion:240 Resp: 105328
Ion Ratio Lower Upper
240 100
120 7.6 4.2 6.2#
236 26.2 20.0 30.0



#31
Terphenyl-d14
Concen: 0.352 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

Tgt Ion:244 Resp: 82158
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.3 8.6 13.0#

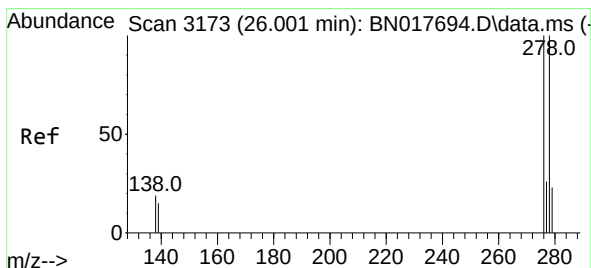
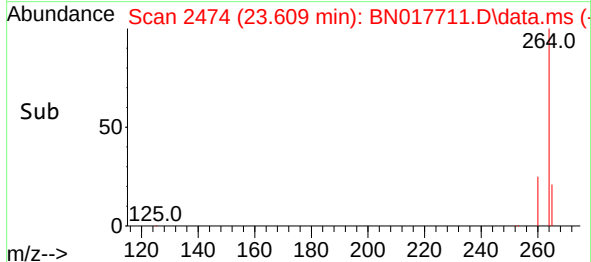
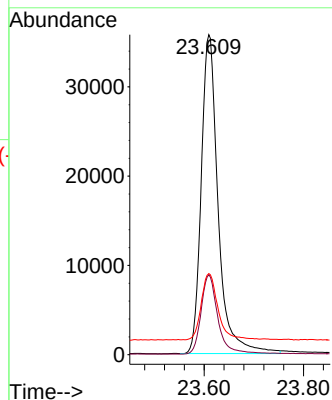
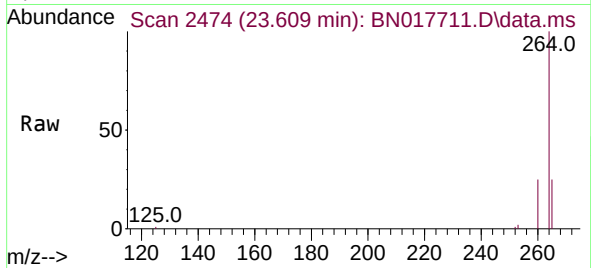




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.609 min Scan# 2476
Delta R.T. -0.006 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

Instrument :
BNA_N
ClientSampleId :
PB141149BL

Tgt Ion:264 Resp: 84407
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 25.3 18.6 28.0



#40
Dibenzo(a,h)anthracene
Concen: 0.084 ng
RT: 26.019 min Scan# 3178
Delta R.T. 0.018 min
Lab File: BN017711.D
Acq: 04 Dec 2021 04:07

Tgt Ion:278 Resp: 332
Ion Ratio Lower Upper
278 100
139 184.2 13.0 19.6#
279 151.9 19.2 28.8#

