

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017917.D
 Acq On : 11 Dec 2021 23:15
 Operator : CG/JU
 Sample : M4957-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206

Quant Time: Dec 12 02:51:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

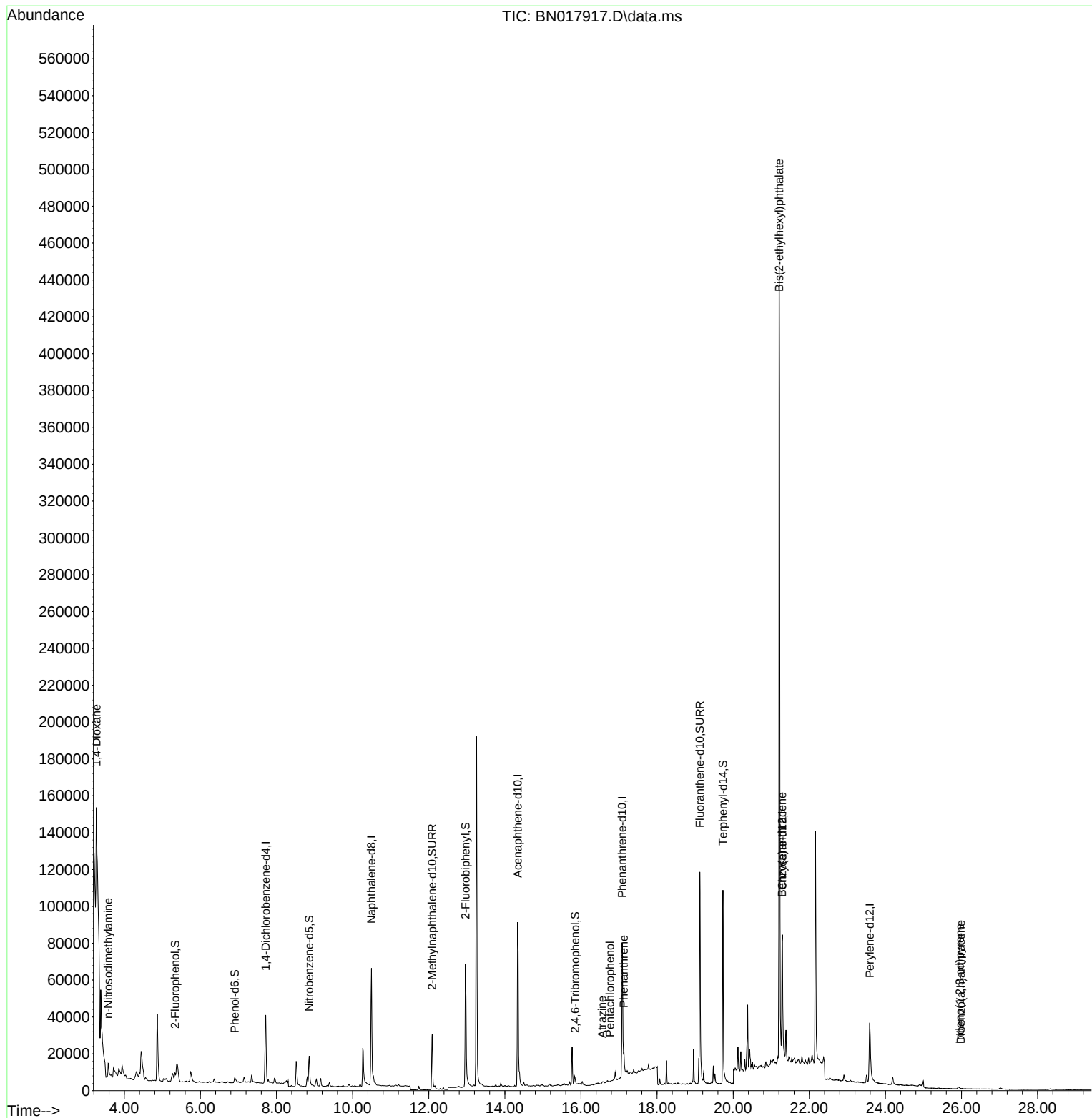
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23095	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	96014	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	63535	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	131348	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	89603	0.400	ng	0.00
35) Perylene-d12	23.589	264	64685	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6060	0.127	ng	0.00
5) Phenol-d6	6.903	99	3187	0.067	ng	0.00
8) Nitrobenzene-d5	8.859	82	18110	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	47735	0.283	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4910	0.474	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	71858	0.321	ng	0.00
27) Fluoranthene-d10	19.124	212	154023	0.362	ng	0.00
31) Terphenyl-d14	19.730	244	124317	0.563	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	75754	10.809	ng	93
3) n-Nitrosodimethylamine	3.575	42	1079	0.051	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.451	198	7	Below Cal		# 1
23) Atrazine	16.557	200	93	0.093	ng	# 5
24) Pentachlorophenol	16.764	266	87	0.126	ng	# 79
25) Phenanthrene	17.129	178	12627	0.038	ng	# 89
32) Benzo(a)anthracene	21.282	228	648	0.052	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.208	149	478332	4.973	ng	98
36) Indeno(1,2,3-cd)pyrene	25.958	276	5	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.982	278	7	0.101	ng	# 1

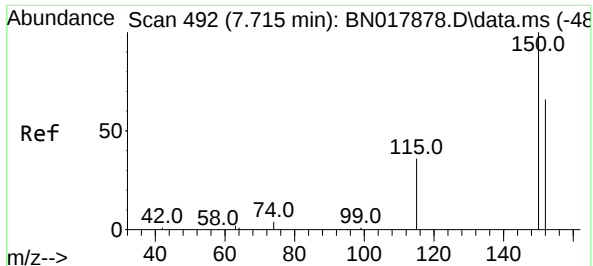
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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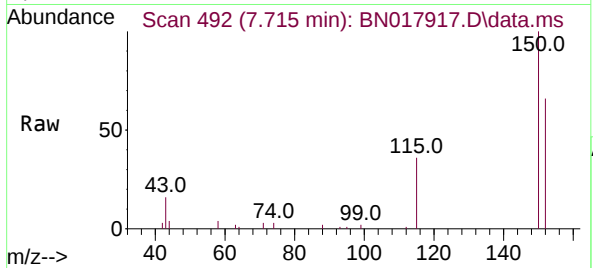
Quant Time: Dec 12 02:51:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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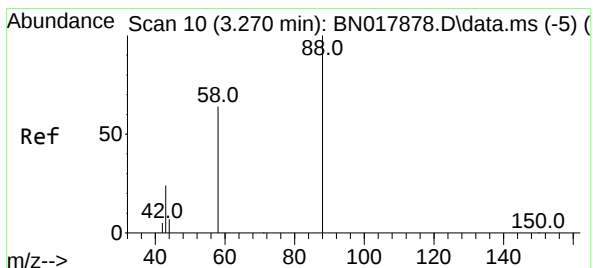
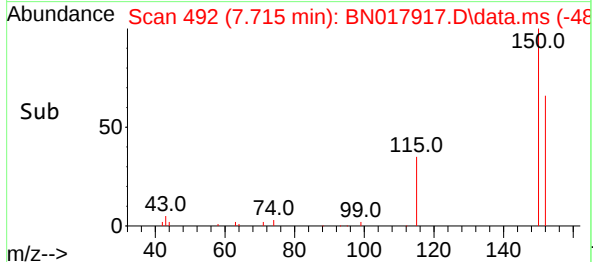
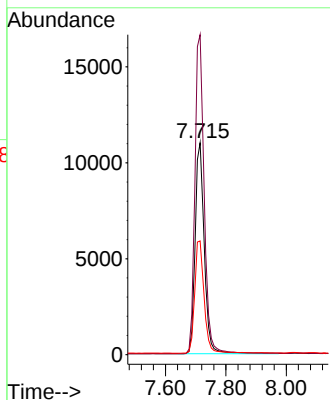


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206

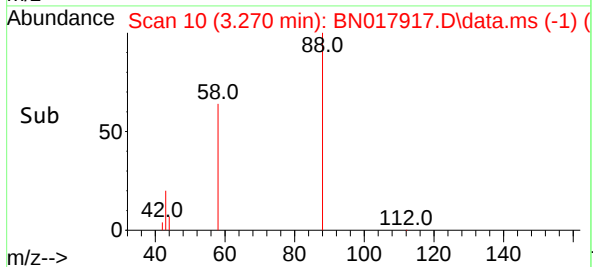
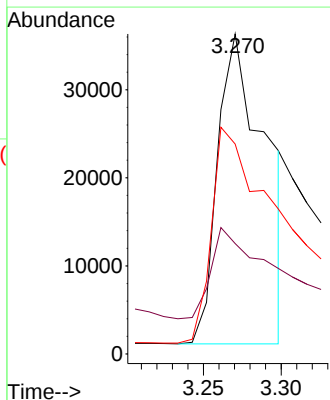
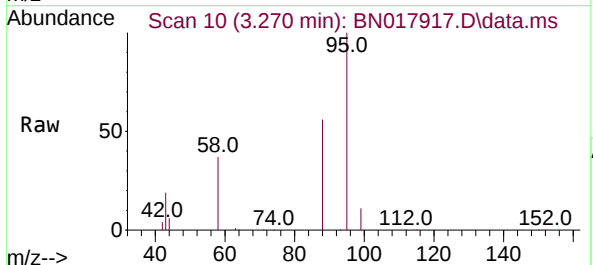


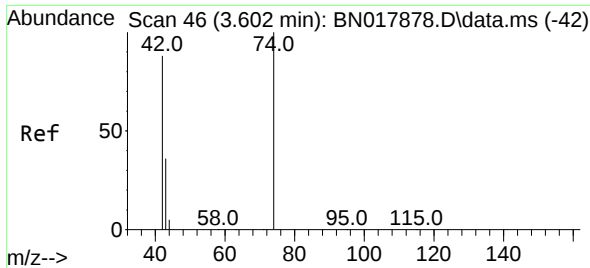
Tgt Ion:152 Resp: 23095
 Ion Ratio Lower Upper
 152 100
 150 150.9 121.9 182.9
 115 53.7 44.1 66.1



#2
 1,4-Dioxane
 Concen: 10.809 ng
 RT: 3.270 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

Tgt Ion: 88 Resp: 75754
 Ion Ratio Lower Upper
 88 100
 43 30.5 28.0 42.0
 58 76.2 65.4 98.0

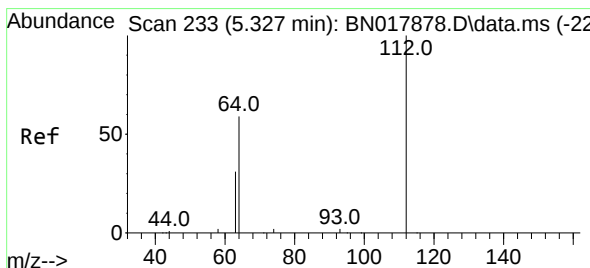
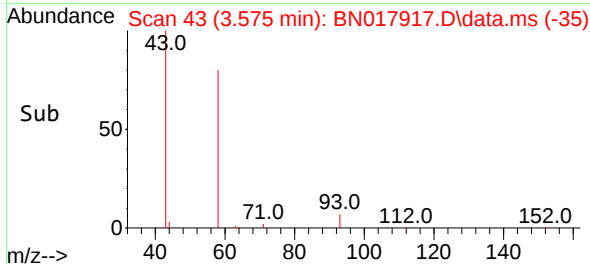
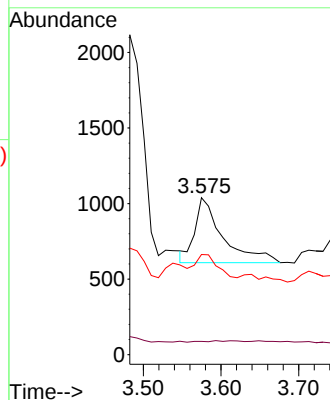
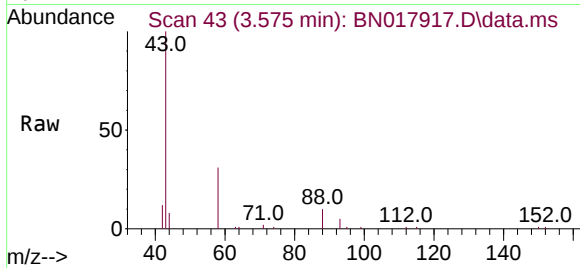




#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.575 min Scan# 41
Delta R.T. -0.028 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

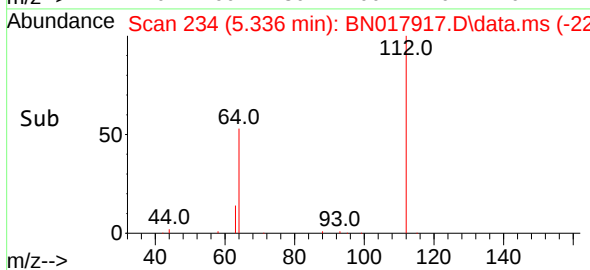
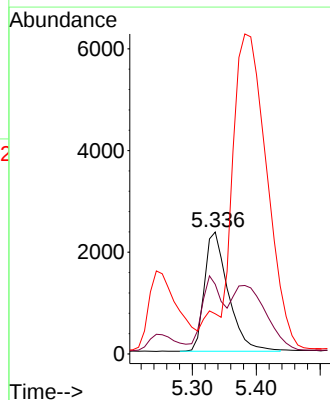
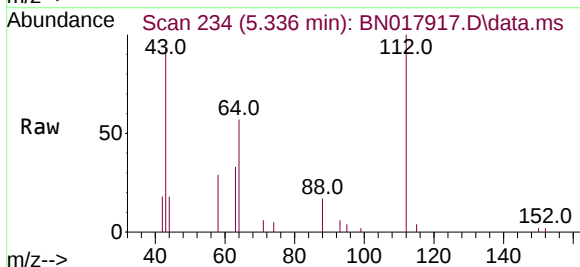
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206

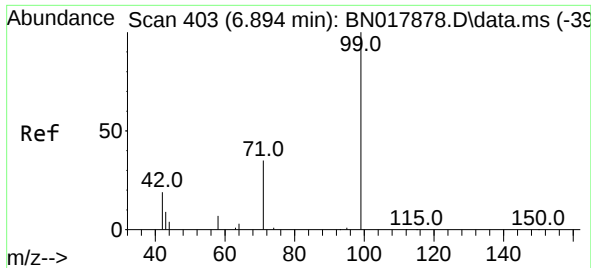
Tgt Ion: 42 Resp: 1079
Ion Ratio Lower Upper
42 100
74 2.8 100.6 150.8#
44 31.4 5.2 7.8#



#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.336 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

Tgt Ion: 112 Resp: 6060
Ion Ratio Lower Upper
112 100
64 47.8 49.0 73.4#
63 0.0 26.2 39.2#

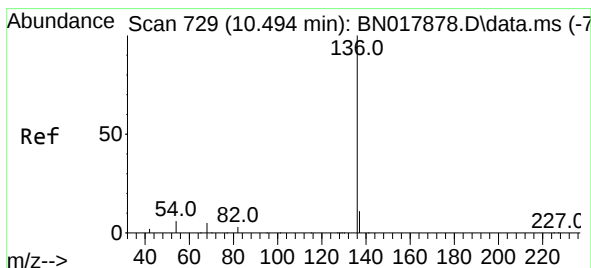
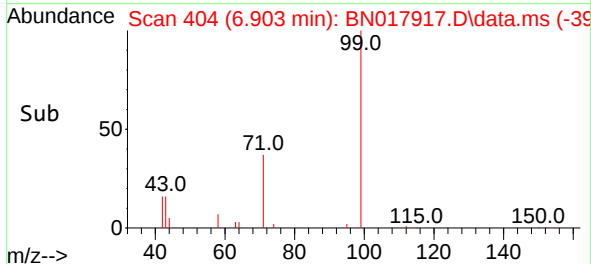
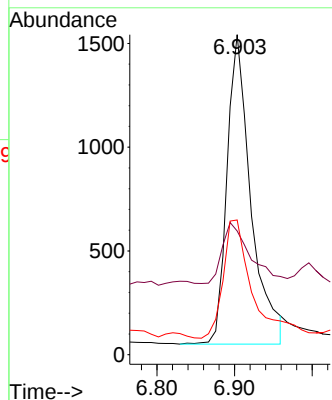
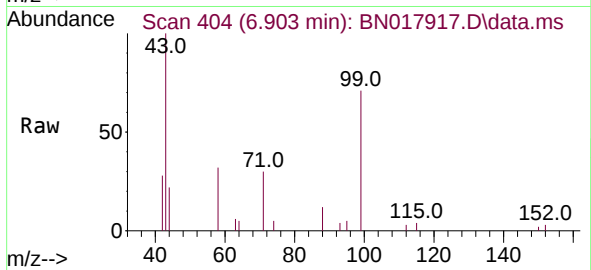




#5
Phenol-d6
Concen: 0.067 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

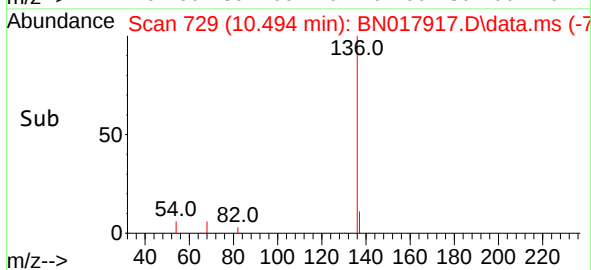
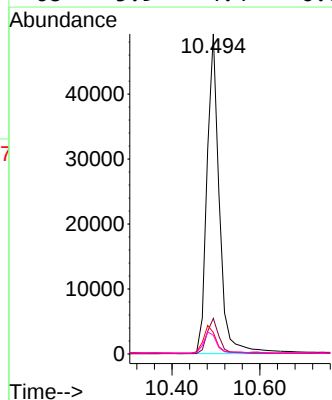
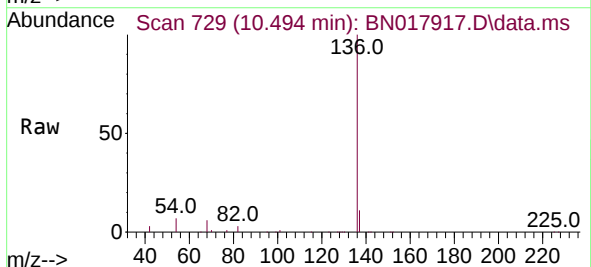
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206

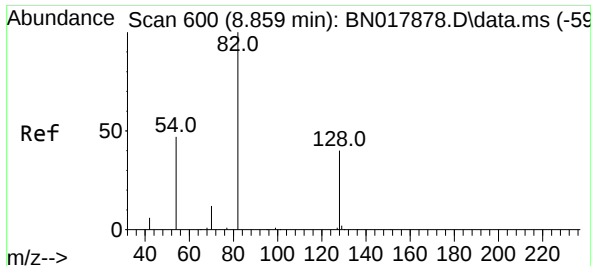
Tgt Ion: 99 Resp: 3187
Ion Ratio Lower Upper
99 100
42 23.0 17.0 25.4
71 43.8 28.0 42.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

Tgt Ion:136 Resp: 96014
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.7 5.1 7.7
68 5.9 4.4 6.6

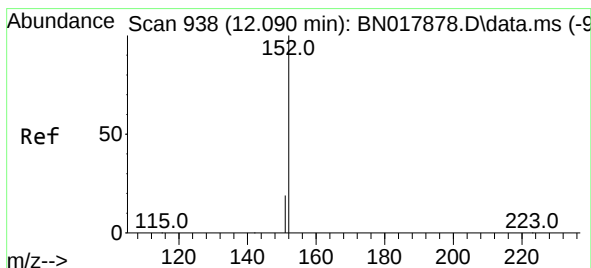
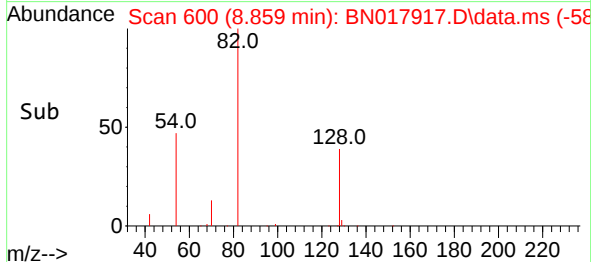
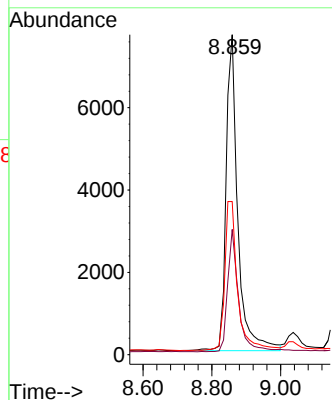
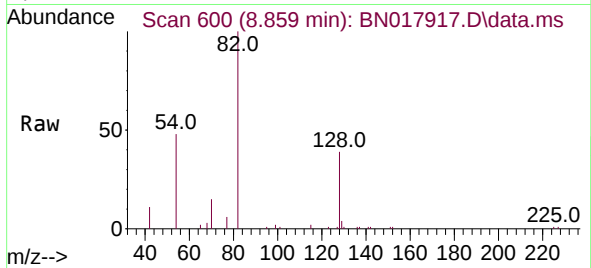




#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

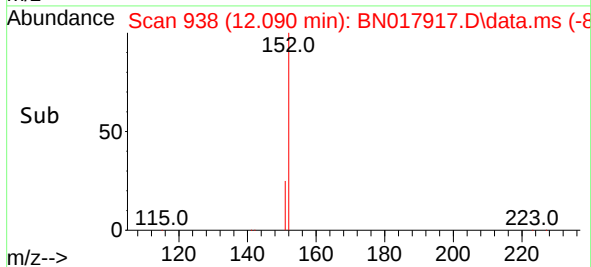
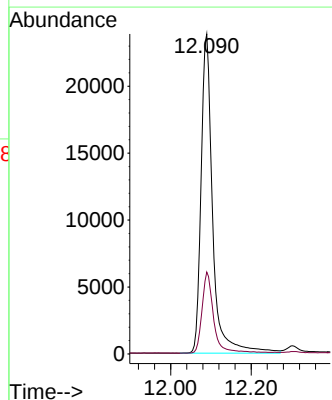
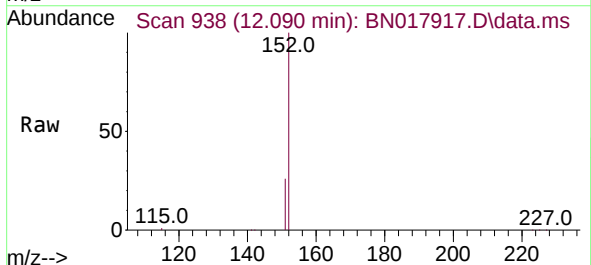
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206

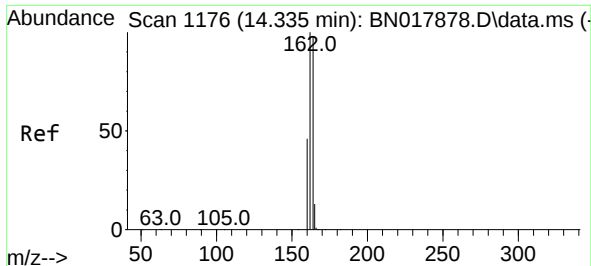
Tgt Ion: 82 Resp: 18110
Ion Ratio Lower Upper
82 100
128 39.2 32.2 48.4
54 47.8 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.090 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

Tgt Ion: 152 Resp: 47735
Ion Ratio Lower Upper
152 100
151 25.4 16.4 24.6#

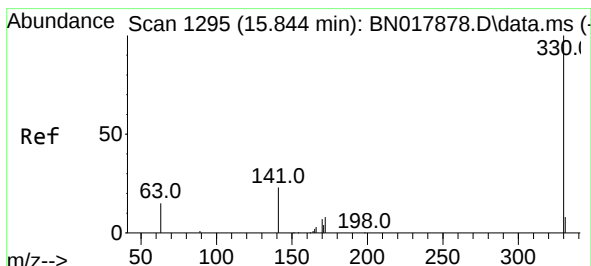
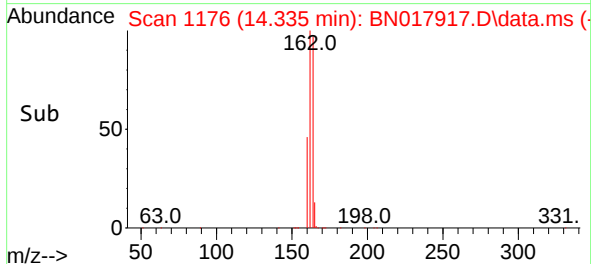
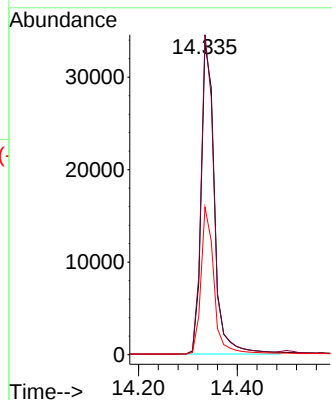
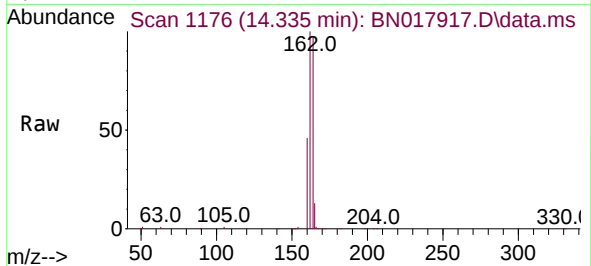




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

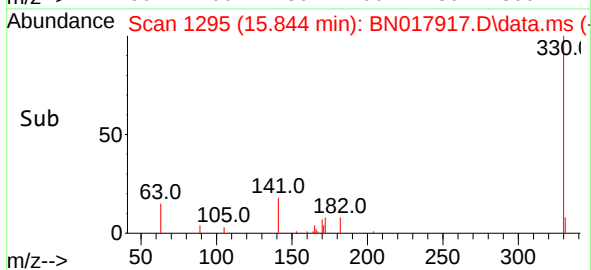
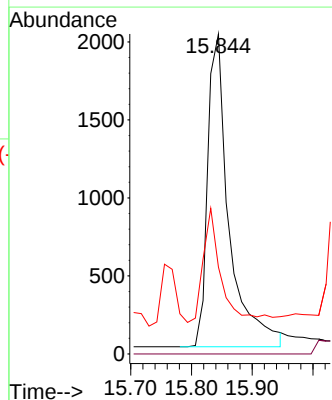
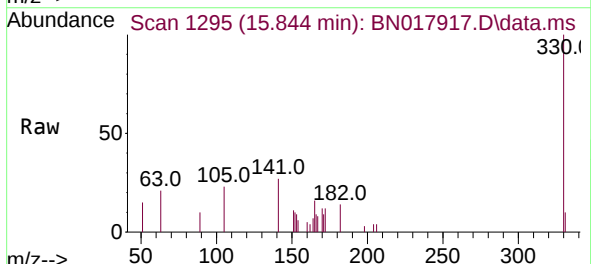
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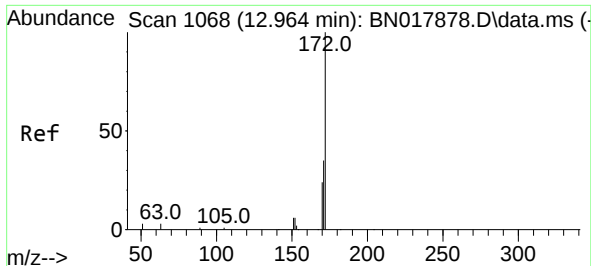
Tgt Ion:164 Resp: 63535
Ion Ratio Lower Upper
164 100
162 102.7 82.1 123.1
160 47.4 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.474 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

Tgt Ion:330 Resp: 4910
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.6 19.7 29.5#

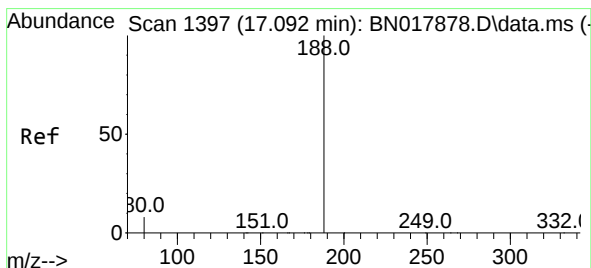
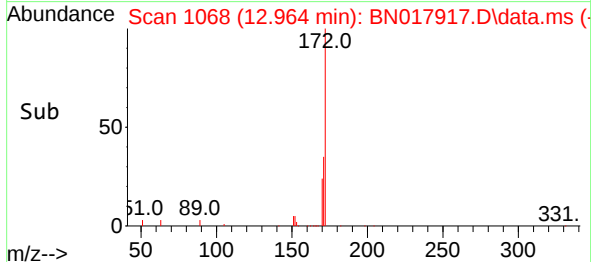
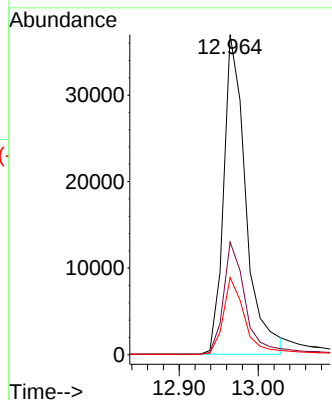
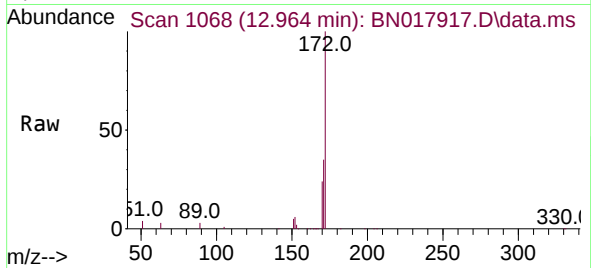




#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

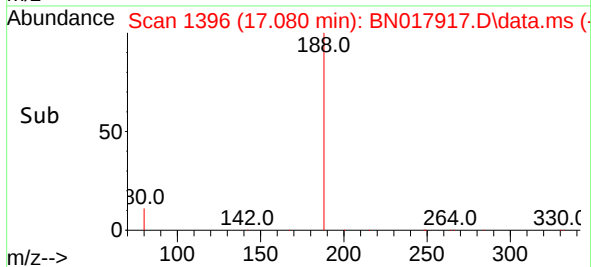
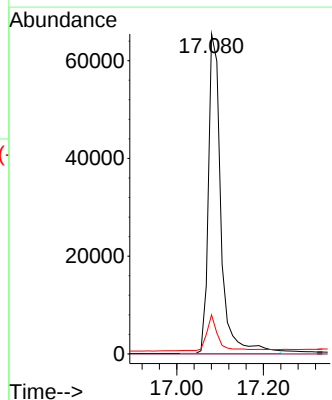
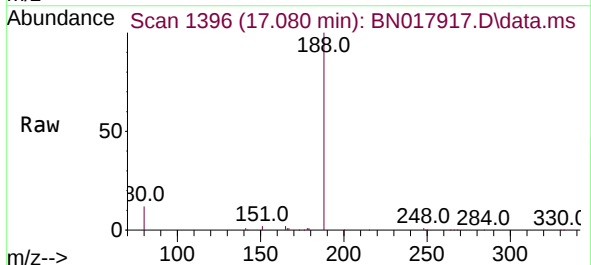
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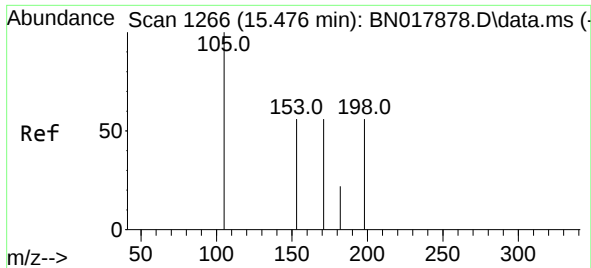
Tgt Ion:172 Resp: 71858
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.1 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

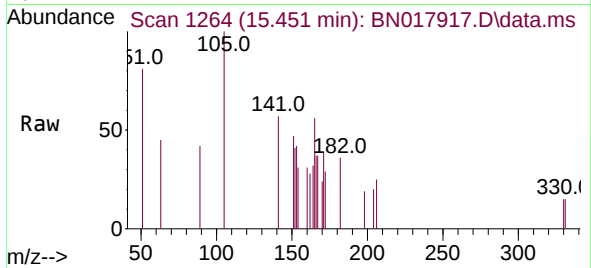
Tgt Ion:188 Resp: 131348
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 6.2 9.2#



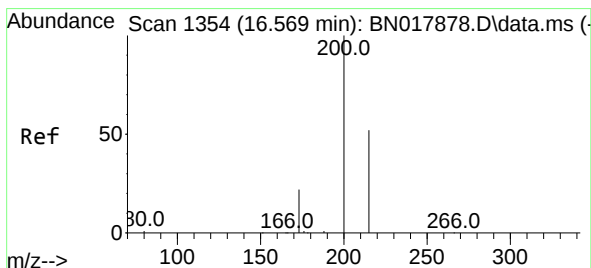
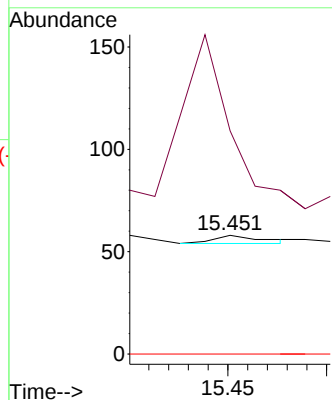
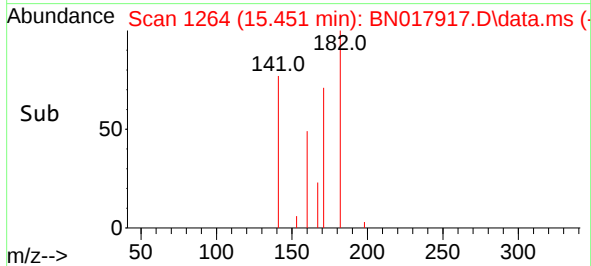


#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

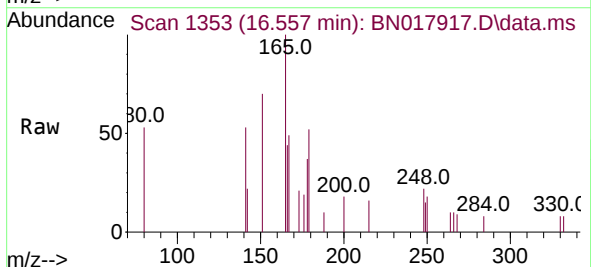
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206



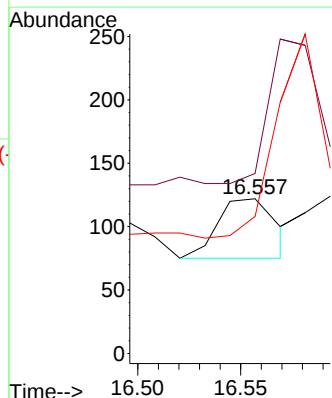
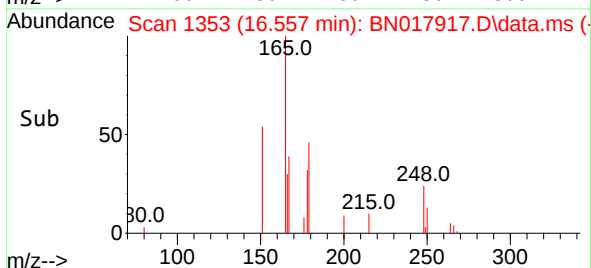
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
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182 187.9 70.8 106.2#
77 0.0 0.0 0.0

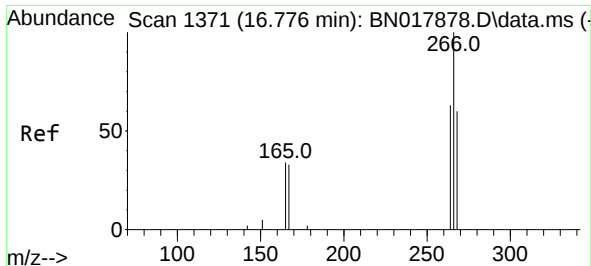


#23
Atrazine
Concen: 0.093 ng
RT: 16.557 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15



Tgt Ion:200 Resp: 93
Ion Ratio Lower Upper
200 100
173 116.4 18.2 27.2#
215 88.5 41.8 62.8#

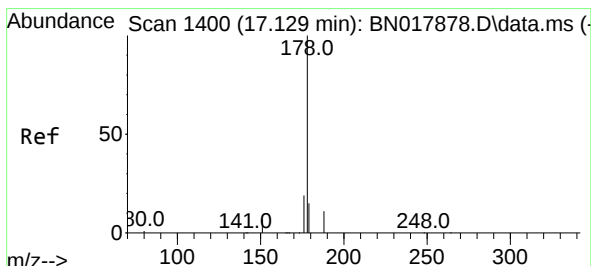
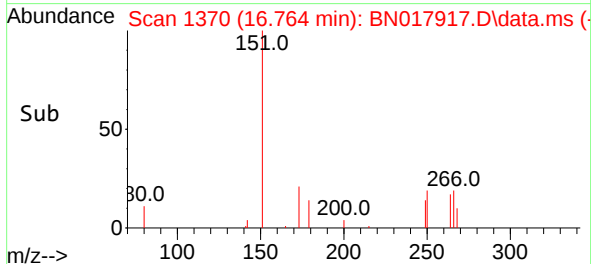
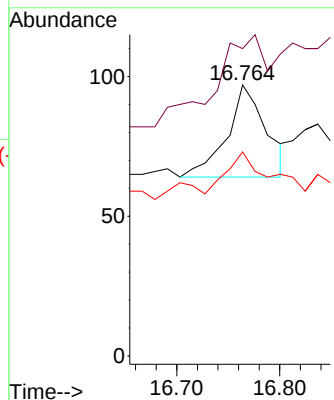
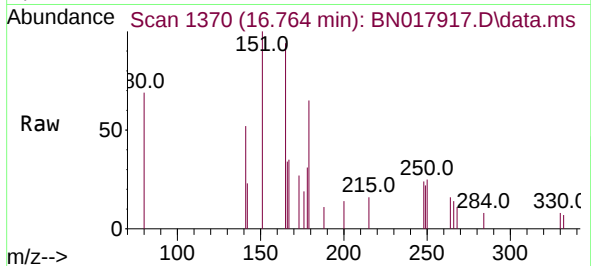




#24
 Pentachlorophenol
 Concen: 0.126 ng
 RT: 16.764 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

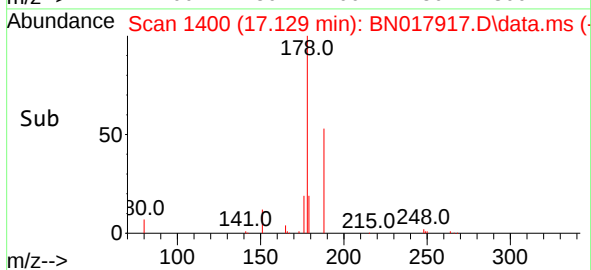
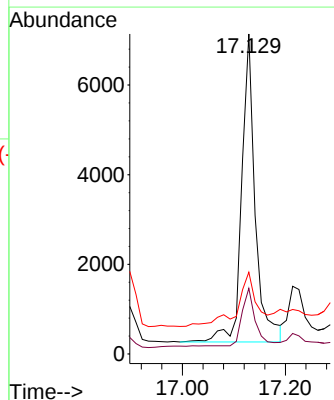
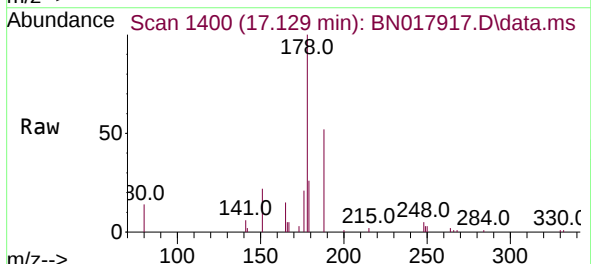
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206

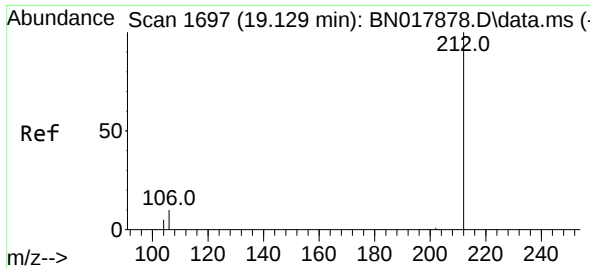
Tgt Ion:266 Resp: 87
 Ion Ratio Lower Upper
 266 100
 264 78.2 50.6 76.0#
 268 48.3 53.7 80.5#



#25
 Phenanthrene
 Concen: 0.038 ng
 RT: 17.129 min Scan# 1400
 Delta R.T. 0.000 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

Tgt Ion:178 Resp: 12627
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.0 22.6
 179 24.7 12.4 18.6#

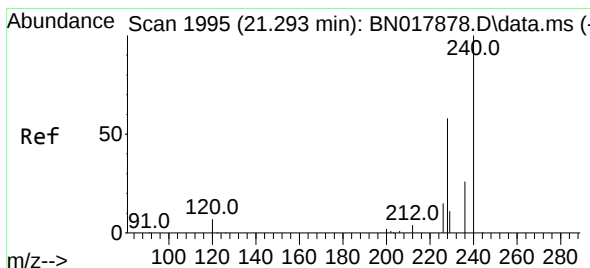
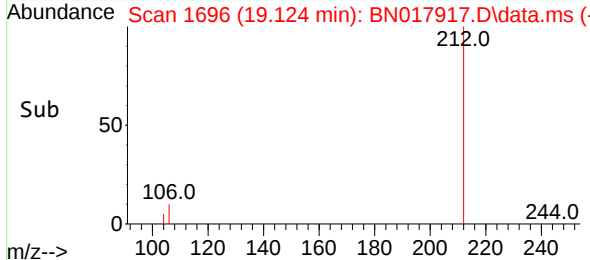
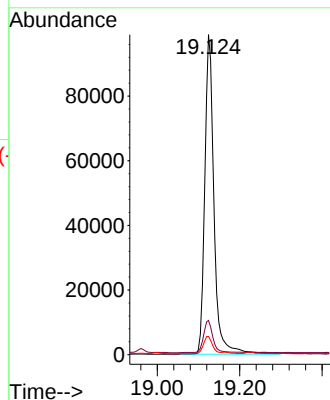
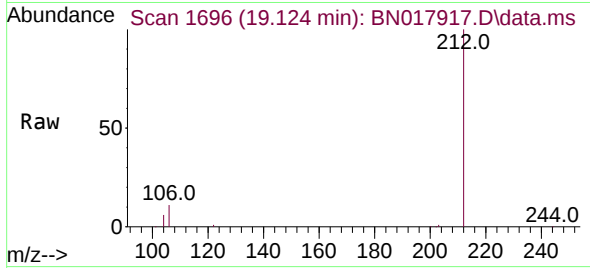




#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

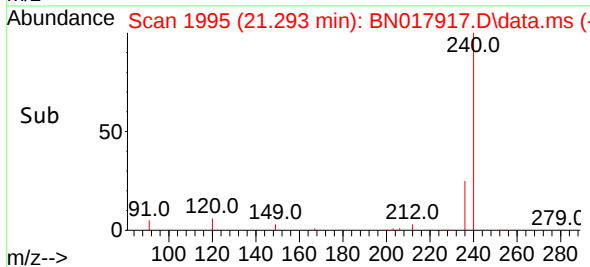
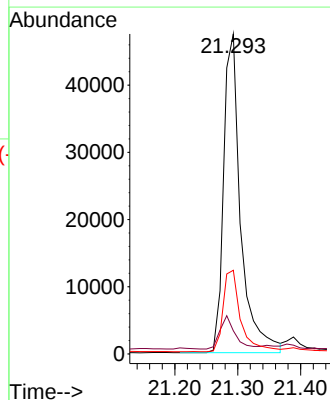
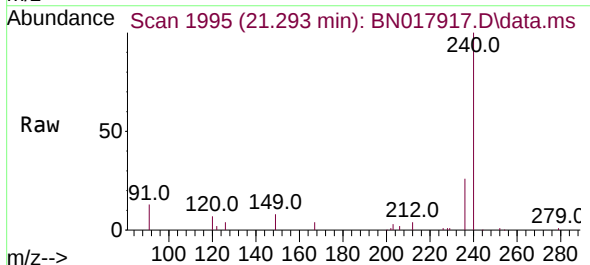
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206

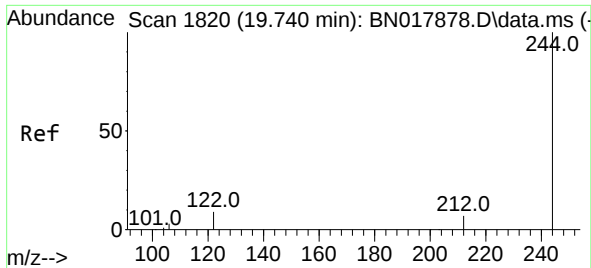
Tgt Ion:212 Resp: 154023
Ion Ratio Lower Upper
212 100
106 9.8 8.3 12.5
104 5.3 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

Tgt Ion:240 Resp: 89603
Ion Ratio Lower Upper
240 100
120 7.3 5.8 8.8
236 26.1 21.0 31.6

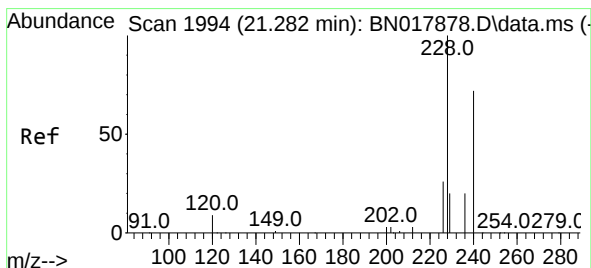
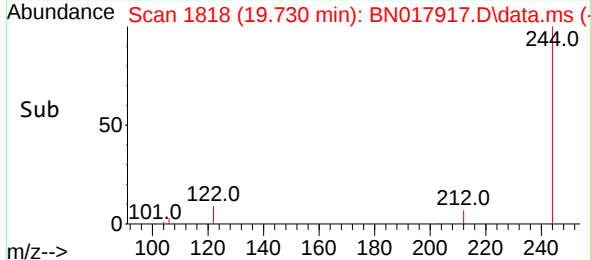
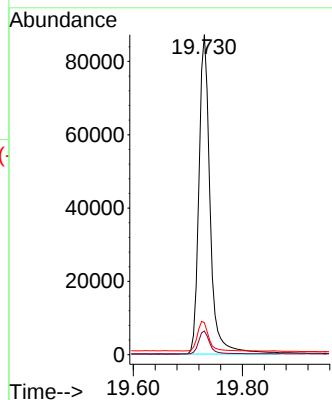
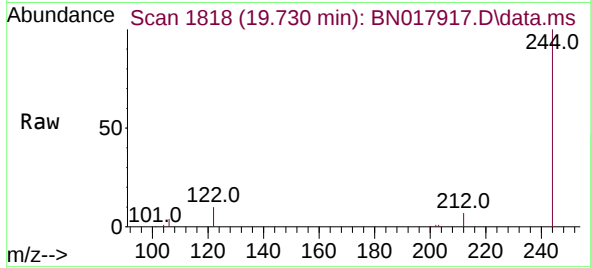




#31
Terphenyl-d14
Concen: 0.563 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

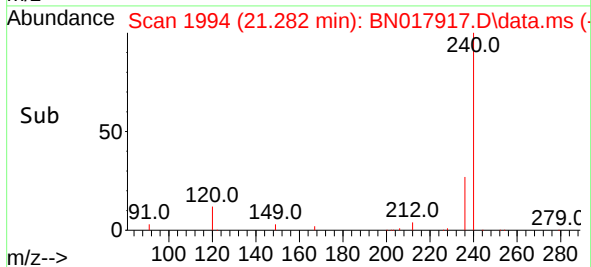
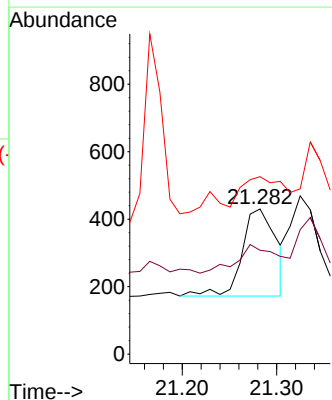
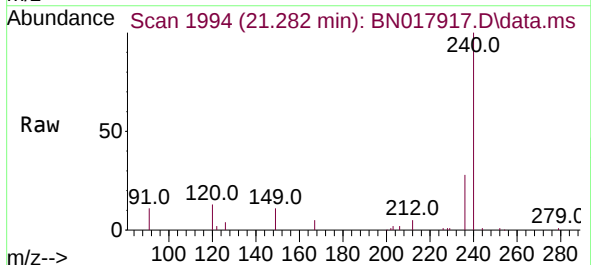
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206

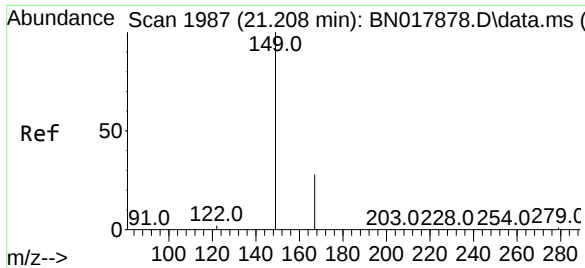
Tgt Ion:244 Resp: 124317
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 10.0 7.5 11.3



#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.282 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

Tgt Ion:228 Resp: 648
Ion Ratio Lower Upper
228 100
226 71.6 21.0 31.4#
229 122.3 15.8 23.8#

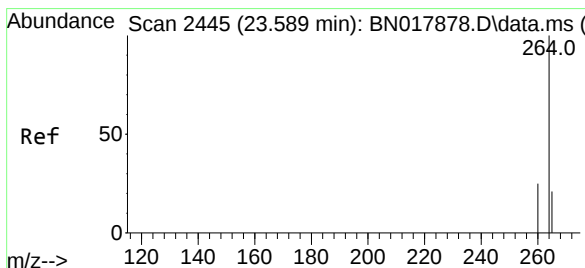
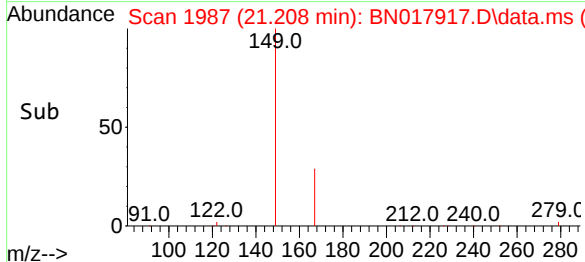
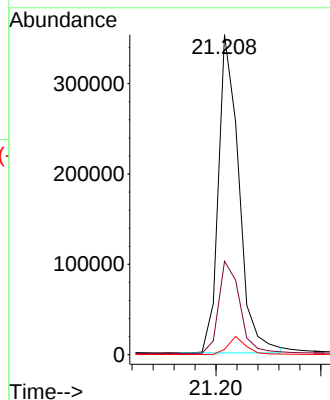
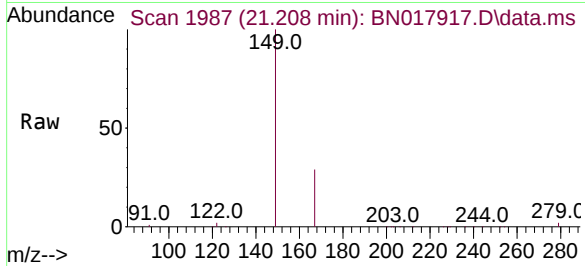




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 4.973 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

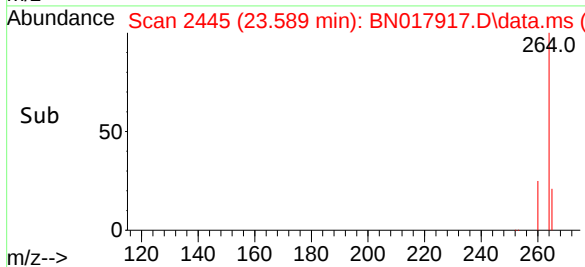
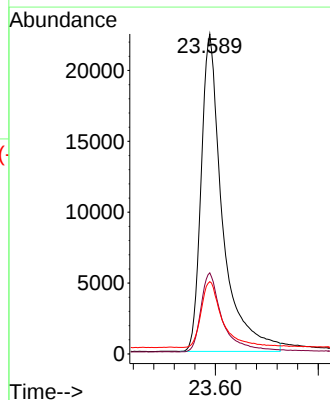
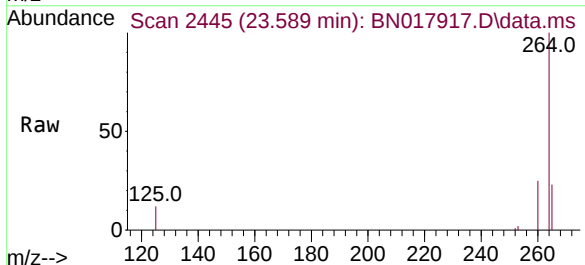
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206

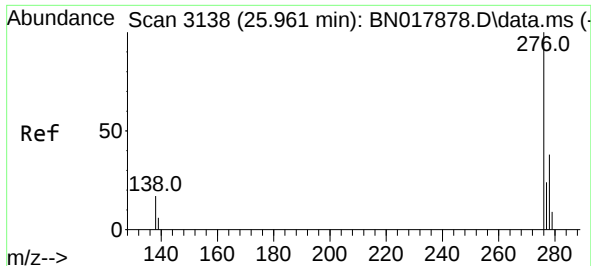
Tgt Ion:149 Resp: 478332
 Ion Ratio Lower Upper
 149 100
 167 30.1 23.4 35.0
 279 5.0 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

Tgt Ion:264 Resp: 64685
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.4
 265 22.6 18.2 27.4

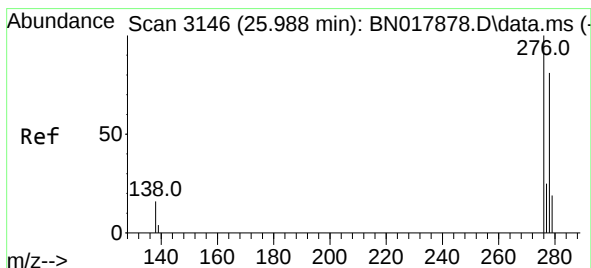
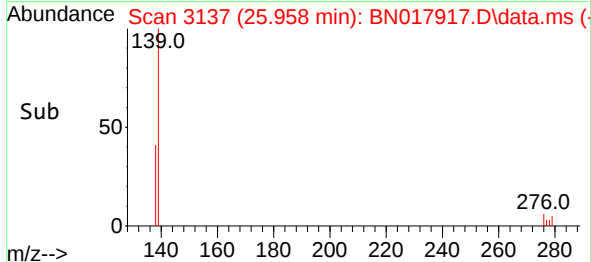
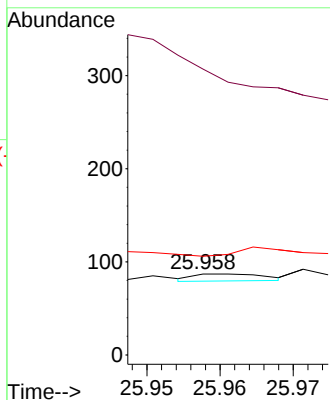
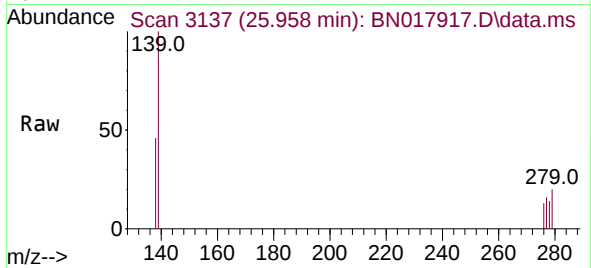




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.958 min Scan# 3137
 Delta R.T. -0.003 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206

Tgt Ion:276 Resp: 5
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 100.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.982 min Scan# 3144
 Delta R.T. -0.006 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

Tgt Ion:278 Resp: 7
 Ion Ratio Lower Upper
 278 100
 139 590.3 12.0 18.0#
 279 135.5 20.8 31.2#

