

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017896.D
 Acq On : 11 Dec 2021 08:42
 Operator : CG/JU
 Sample : M4956-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-20211203

Quant Time: Dec 11 21:29:12 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)

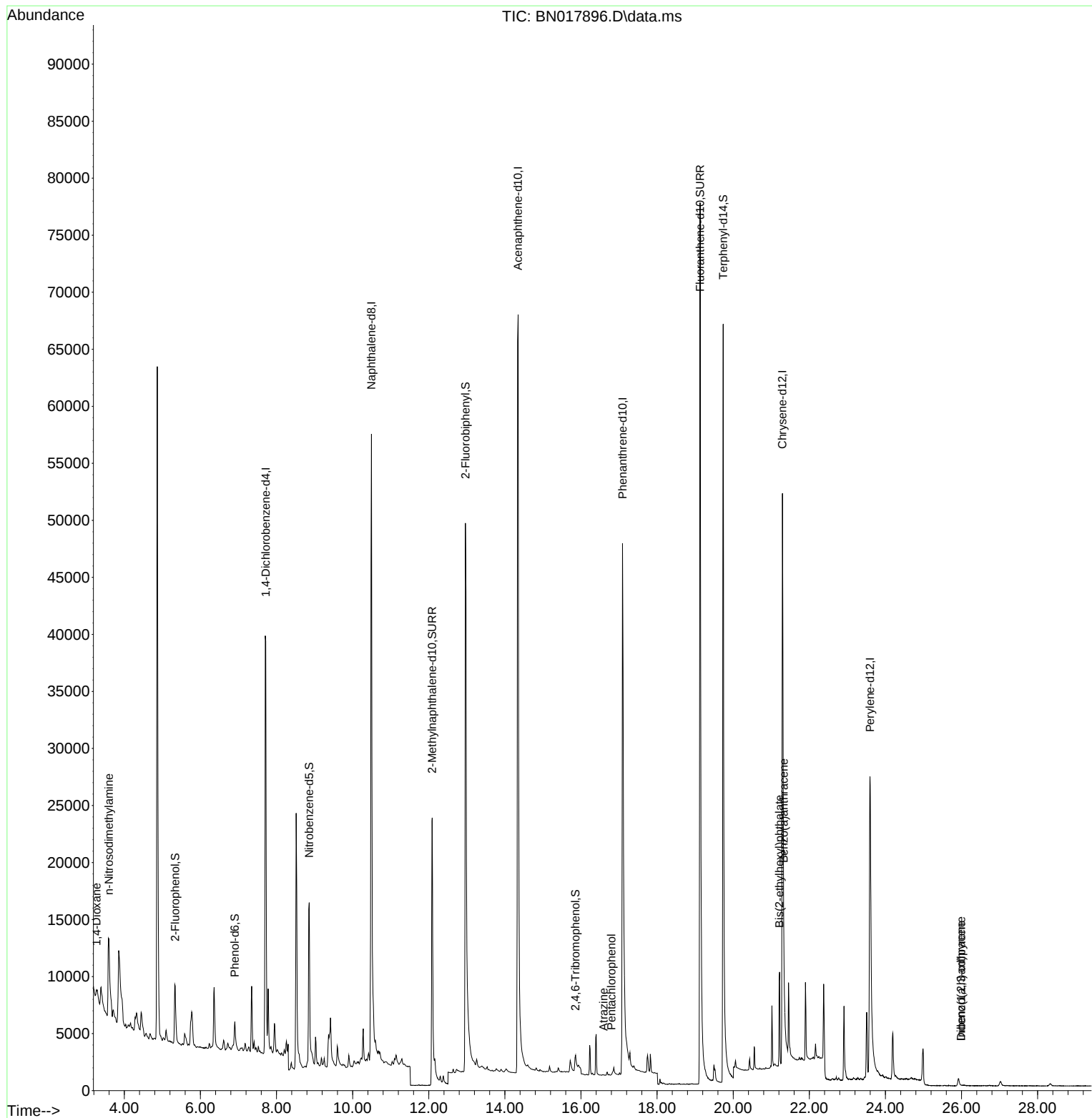
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23661	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	93260	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	58045	0.400	ng	0.01
19) Phenanthrene-d10	17.093	188	115306	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	85227	0.400	ng	0.00
35) Perylene-d12	23.596	264	58998	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5989	0.123	ng	0.00
5) Phenol-d6	6.903	99	2923	0.060	ng	0.00
8) Nitrobenzene-d5	8.859	82	16845	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	46176	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	2541	0.413	ng	0.01
15) 2-Fluorobiphenyl	12.964	172	66020	0.323	ng	0.00
27) Fluoranthene-d10	19.129	212	137336	0.367	ng	0.00
31) Terphenyl-d14	19.735	244	108149	0.515	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	543	0.076	ng	84
3) n-Nitrosodimethylamine	3.593	42	1321	0.061	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.527	198	12	Below Cal		81
23) Atrazine	16.594	200	12	0.092	ng	# 1
24) Pentachlorophenol	16.800	266	13	0.089	ng	# 56
32) Benzo(a)anthracene	21.325	228	1151	0.054	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.219	149	8912	0.097	ng	99
36) Indeno(1,2,3-cd)pyrene	25.989	276	6	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.989	278	4	0.101	ng	# 1

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

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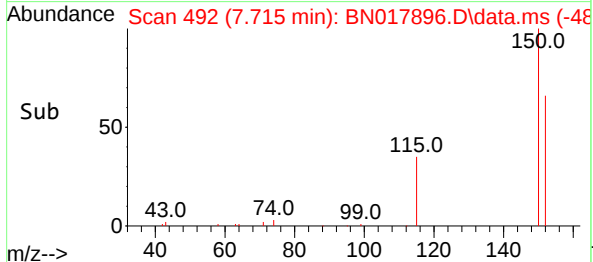
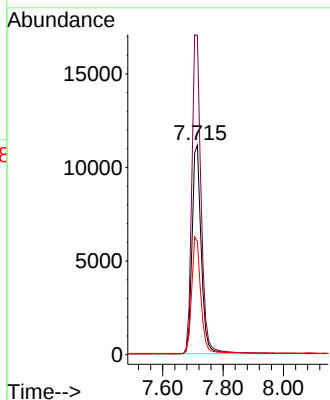
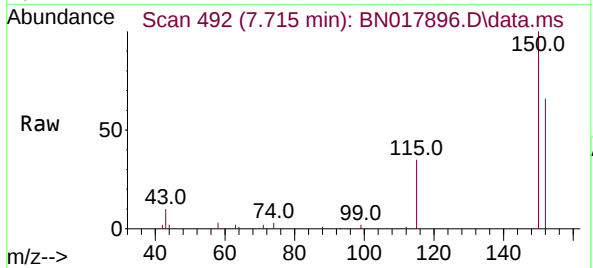




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017896.D
 Acq: 11 Dec 2021 08:42

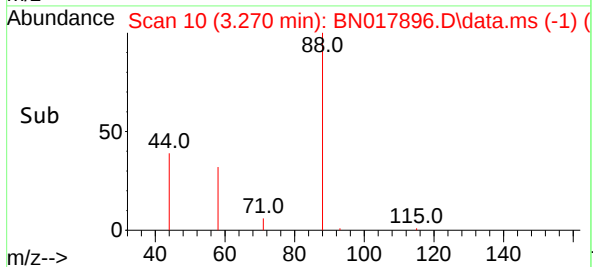
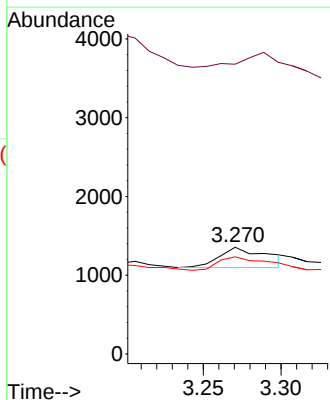
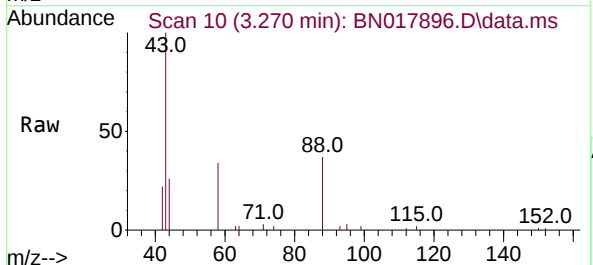
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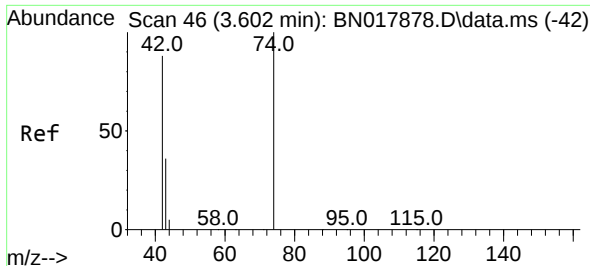
Tgt Ion:152 Resp: 23661
 Ion Ratio Lower Upper
 152 100
 150 152.3 121.9 182.9
 115 54.0 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.076 ng
 RT: 3.270 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017896.D
 Acq: 11 Dec 2021 08:42

Tgt Ion: 88 Resp: 543
 Ion Ratio Lower Upper
 88 100
 43 41.8 28.0 42.0
 58 65.9 65.4 98.0

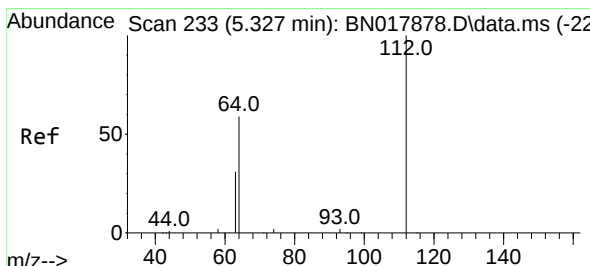
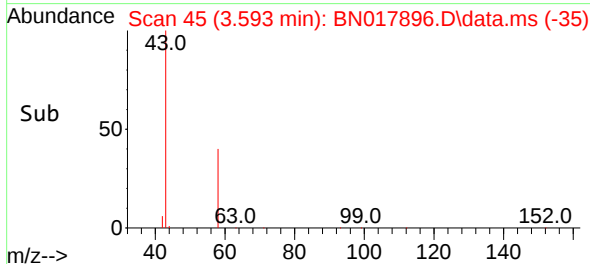
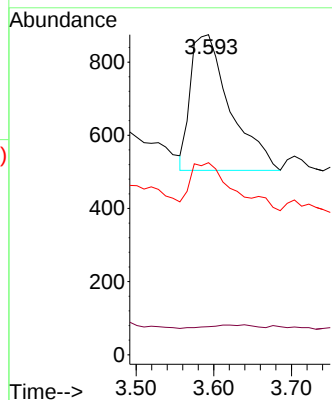
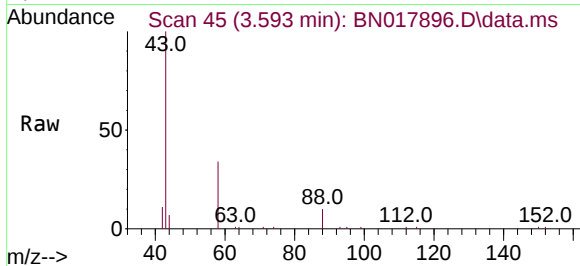




#3
 n-Nitrosodimethylamine
 Concen: 0.061 ng
 RT: 3.593 min Scan# 41
 Delta R.T. -0.009 min
 Lab File: BN017896.D
 Acq: 11 Dec 2021 08:42

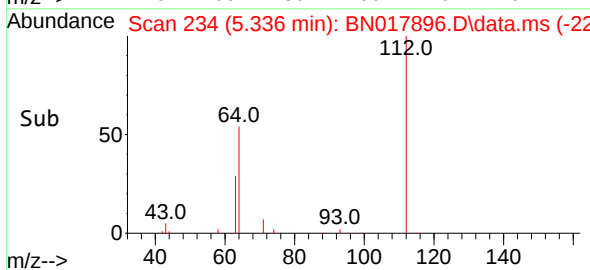
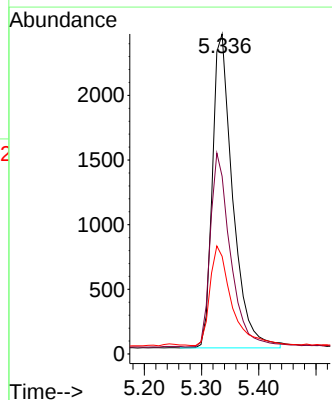
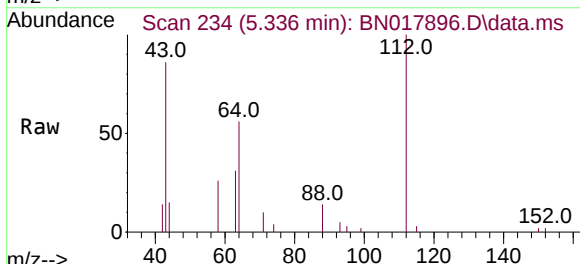
Instrument :
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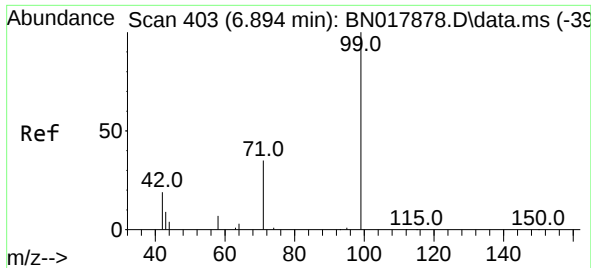
Tgt Ion: 42 Resp: 1321
 Ion Ratio Lower Upper
 42 100
 74 0.0 100.6 150.8#
 44 37.5 5.2 7.8#



#4
 2-Fluorophenol
 Concen: 0.123 ng
 RT: 5.336 min Scan# 234
 Delta R.T. 0.009 min
 Lab File: BN017896.D
 Acq: 11 Dec 2021 08:42

Tgt Ion: 112 Resp: 5989
 Ion Ratio Lower Upper
 112 100
 64 60.9 49.0 73.4
 63 33.5 26.2 39.2

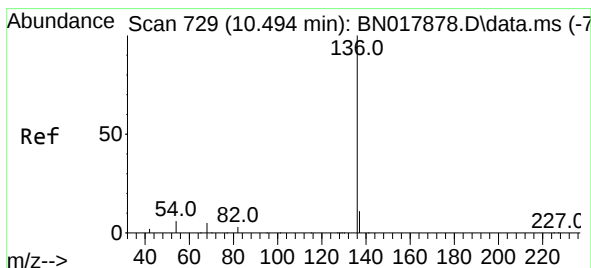
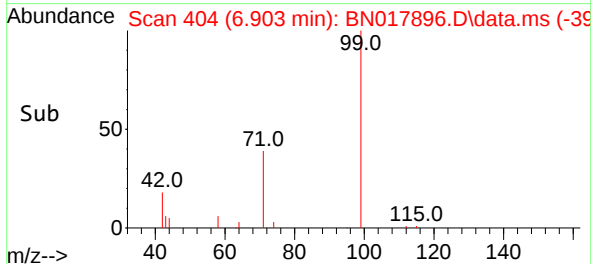
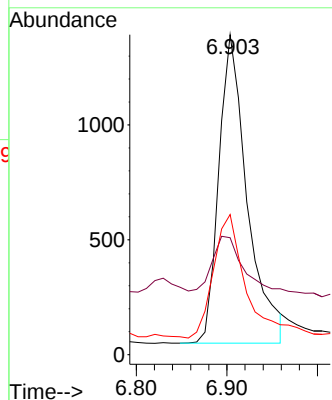
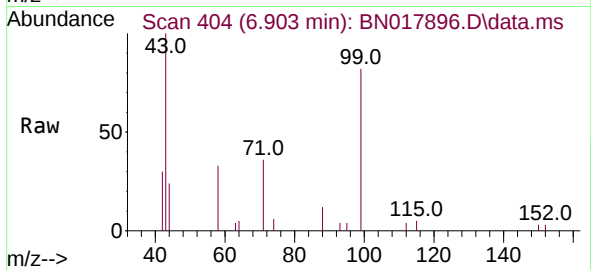




#5
Phenol-d6
Concen: 0.060 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

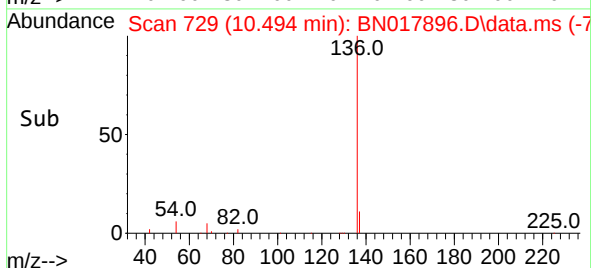
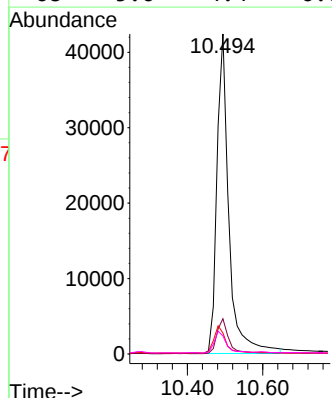
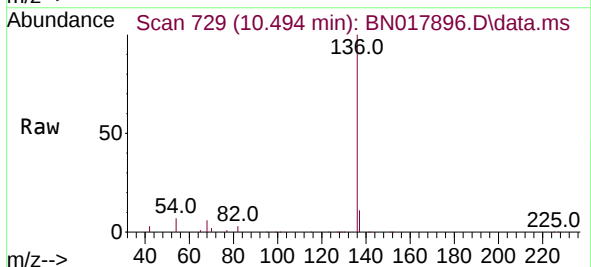
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BNA_N
ClientSampleId :
EB01-20211203

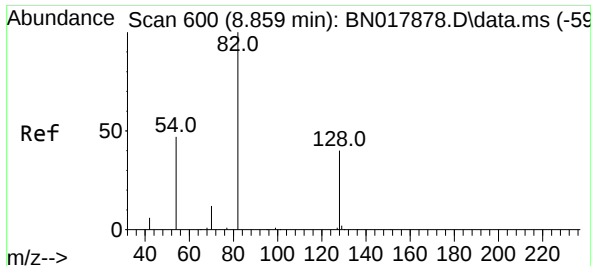
Tgt Ion: 99 Resp: 2923
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.4
71 44.2 28.0 42.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

Tgt Ion: 136 Resp: 93260
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.1 7.7
68 5.6 4.4 6.6

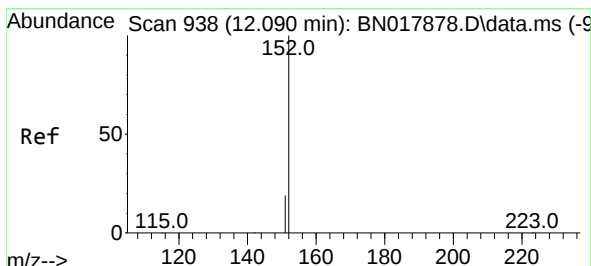
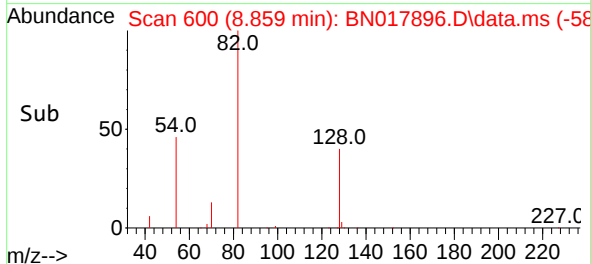
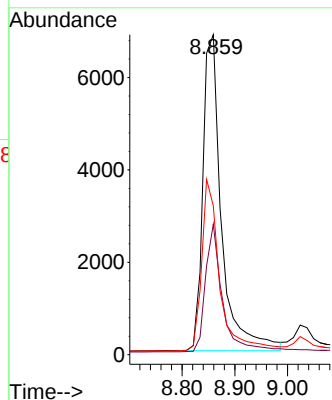
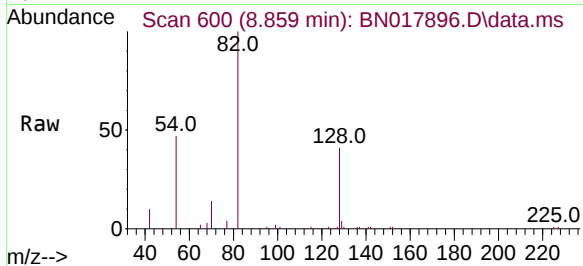




#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

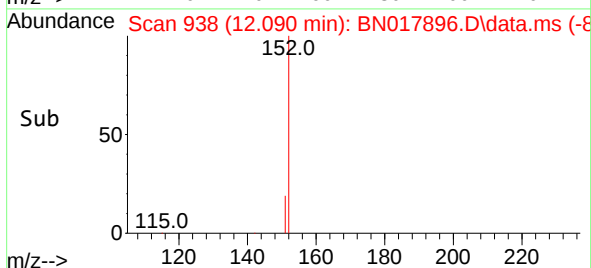
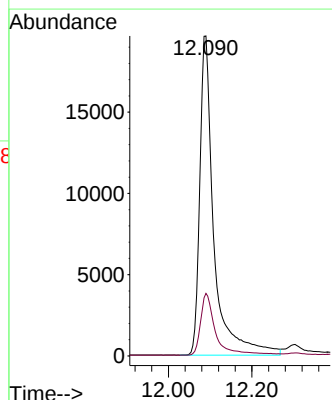
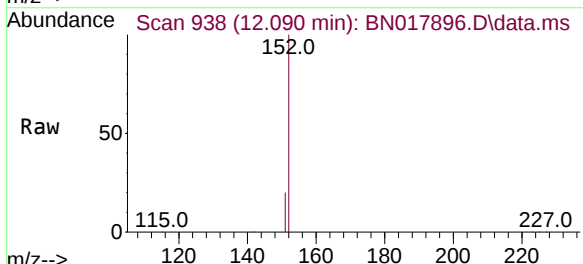
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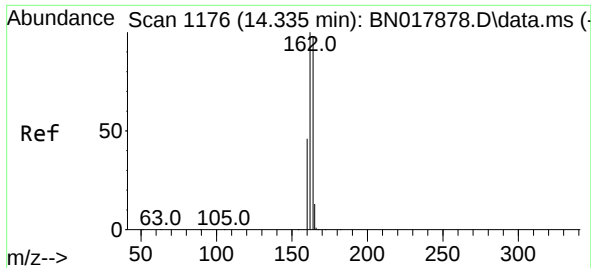
Tgt Ion: 82 Resp: 16845
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.4
54 46.5 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.090 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

Tgt Ion: 152 Resp: 46176
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6

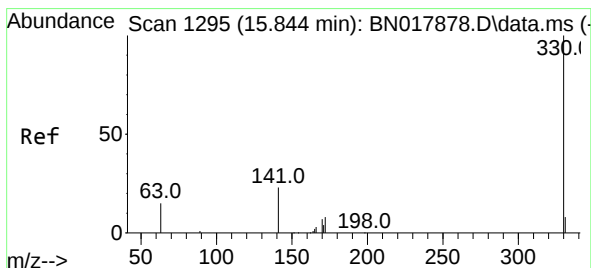
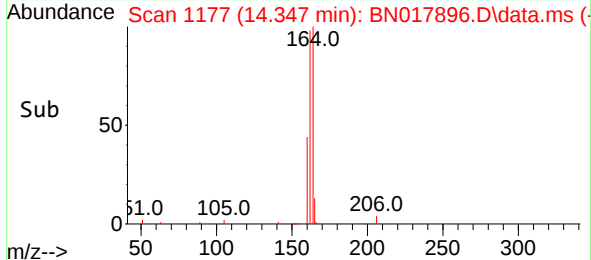
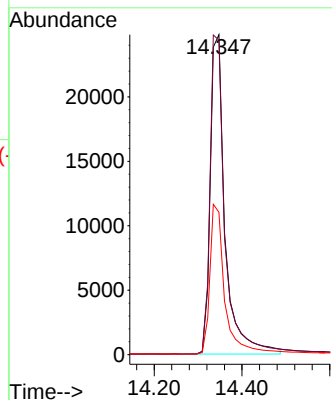
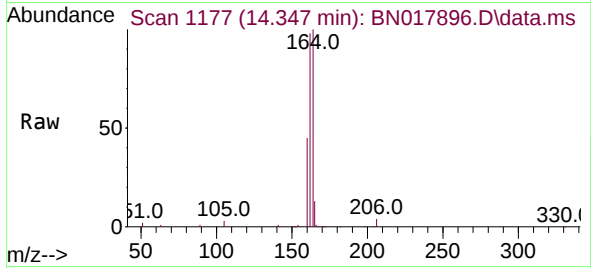




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1176
Delta R.T. 0.013 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

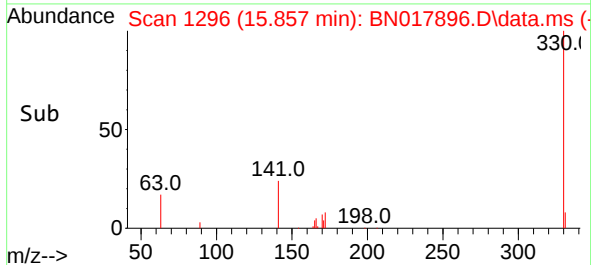
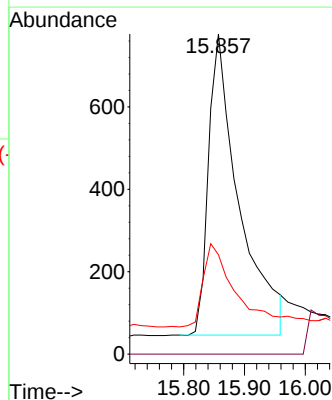
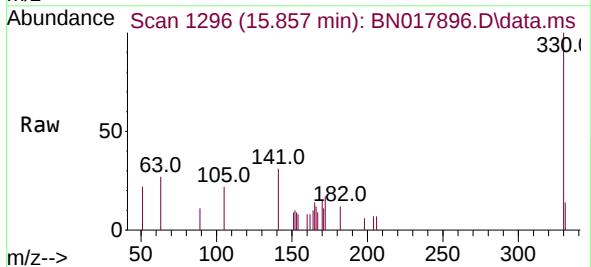
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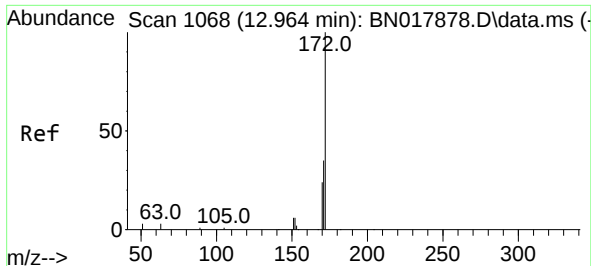
Tgt Ion:164 Resp: 58045
Ion Ratio Lower Upper
164 100
162 98.3 82.1 123.1
160 44.5 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.857 min Scan# 1296
Delta R.T. 0.013 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

Tgt Ion:330 Resp: 2541
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.6 19.7 29.5

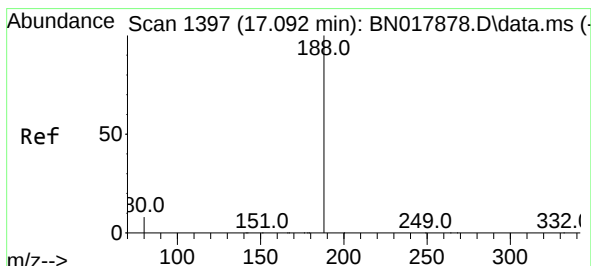
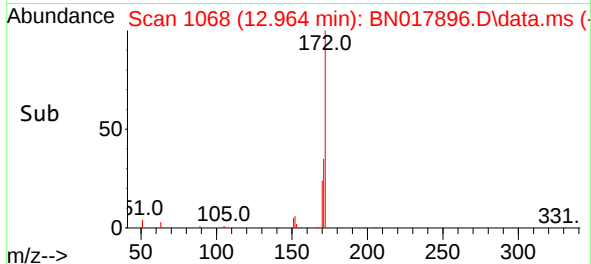
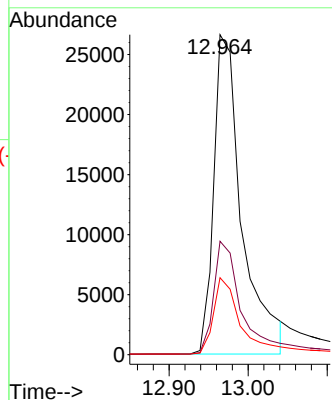
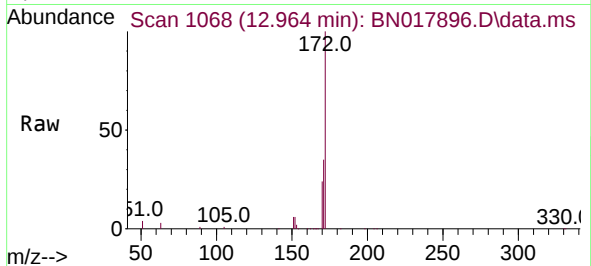




#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

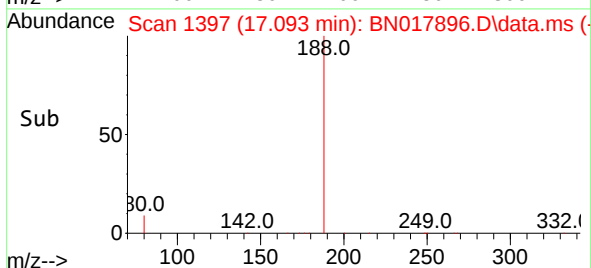
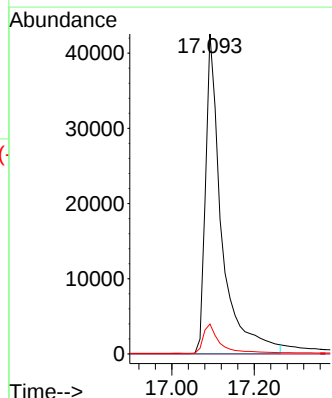
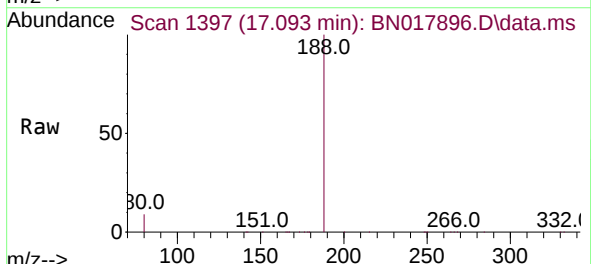
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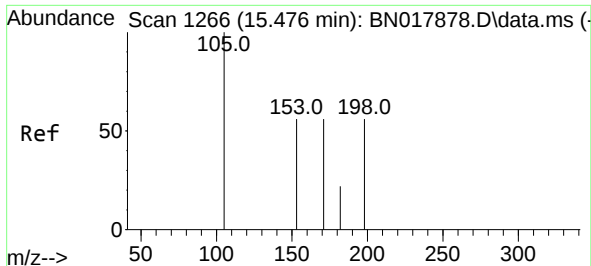
Tgt Ion:172 Resp: 66020
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 24.1 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

Tgt Ion:188 Resp: 115306
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 6.2 9.2#

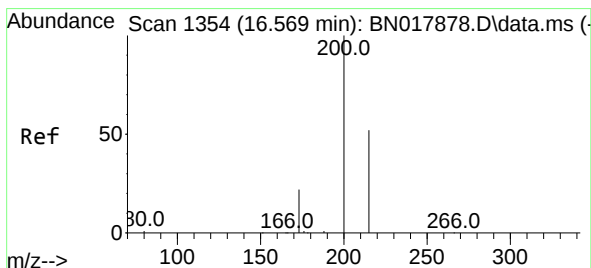
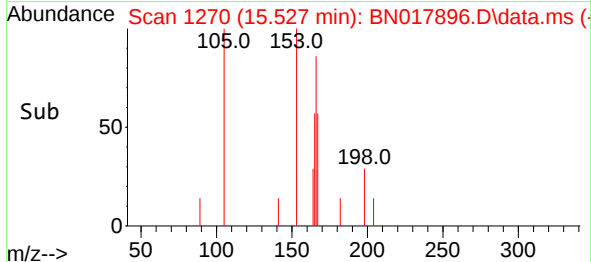
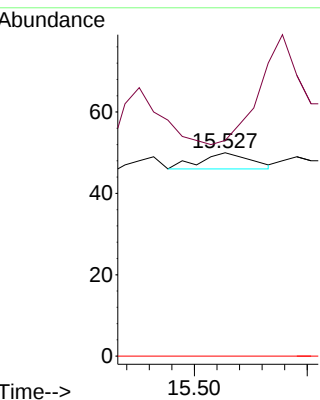
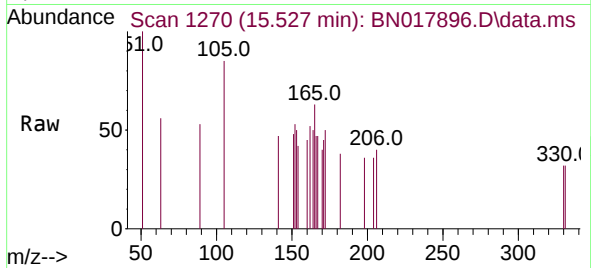




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.527 min Scan# 11
Delta R.T. 0.051 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

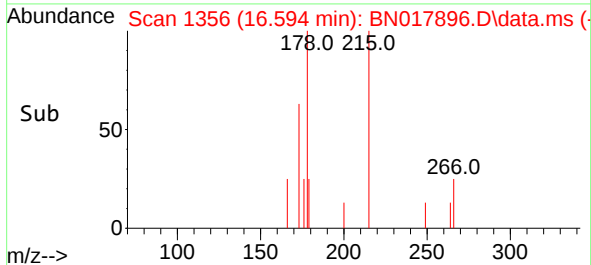
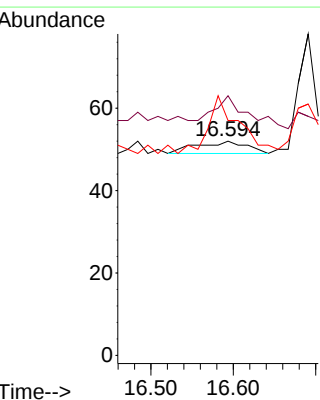
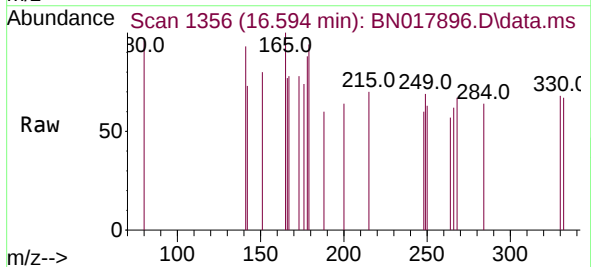
Instrument :
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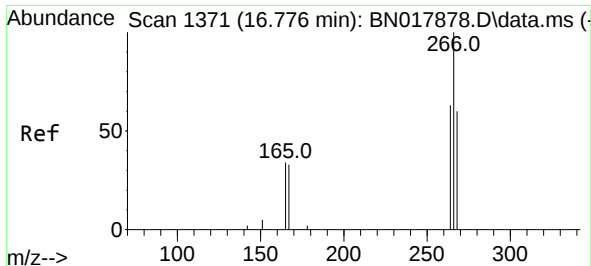
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
182 106.0 70.8 106.2
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.092 ng
RT: 16.594 min Scan# 1356
Delta R.T. 0.025 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

Tgt Ion:200 Resp: 12
Ion Ratio Lower Upper
200 100
173 121.2 18.2 27.2#
215 109.6 41.8 62.8#

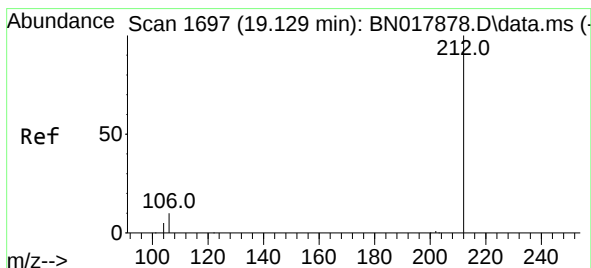
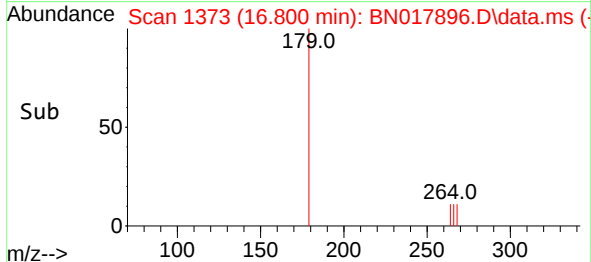
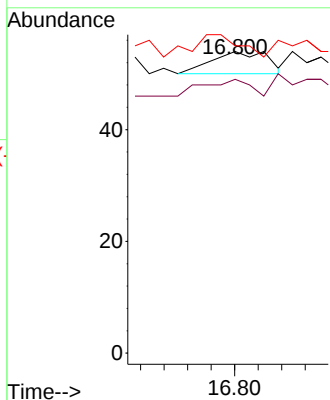
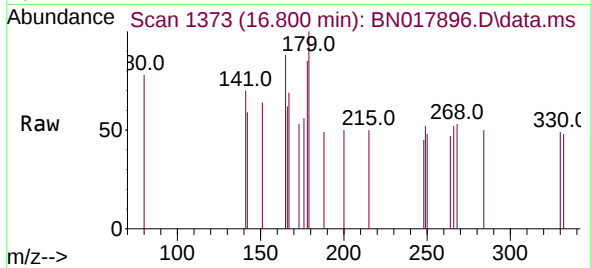




#24
 Pentachlorophenol
 Concen: 0.089 ng
 RT: 16.800 min Scan# 1371
 Delta R.T. 0.024 min
 Lab File: BN017896.D
 Acq: 11 Dec 2021 08:42

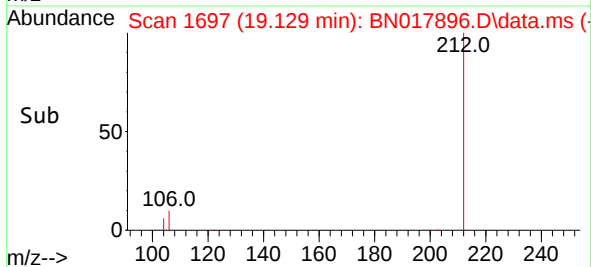
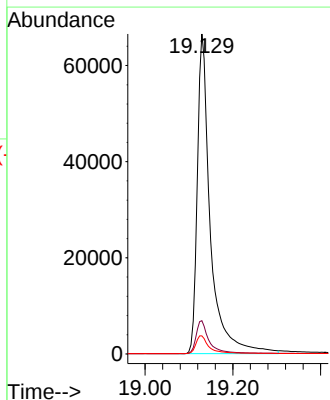
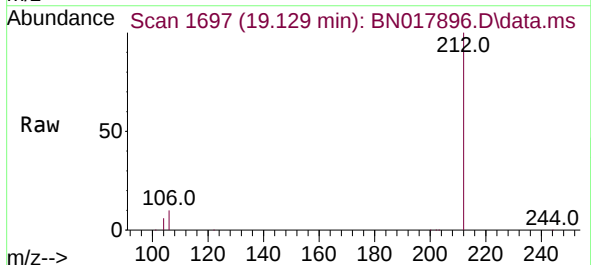
Instrument :
 BNA_N
 ClientSampleId :
 EB01-20211203

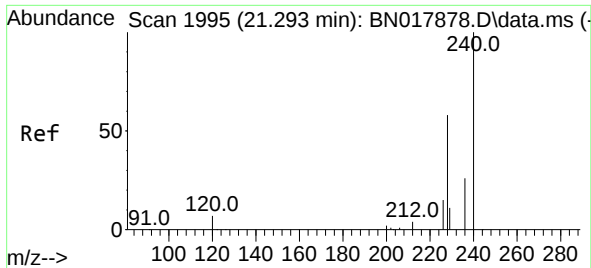
Tgt Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 61.5 50.6 76.0
 268 0.0 53.7 80.5#



#27
 Fluoranthene-d10
 Concen: 0.367 ng
 RT: 19.129 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN017896.D
 Acq: 11 Dec 2021 08:42

Tgt Ion:212 Resp: 137336
 Ion Ratio Lower Upper
 212 100
 106 10.3 8.3 12.5
 104 5.8 4.6 6.8

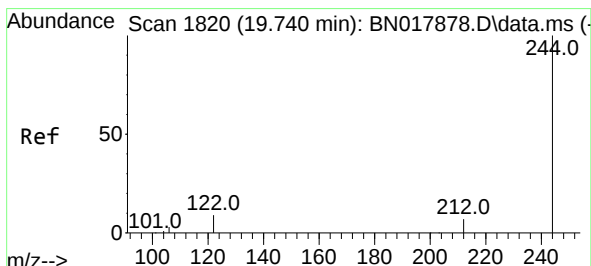
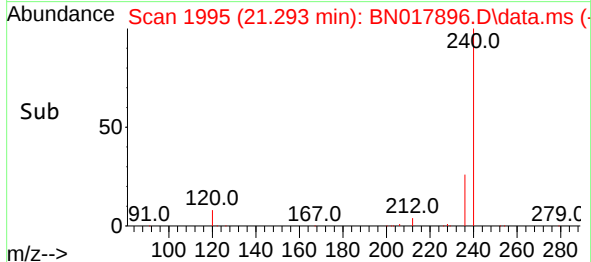
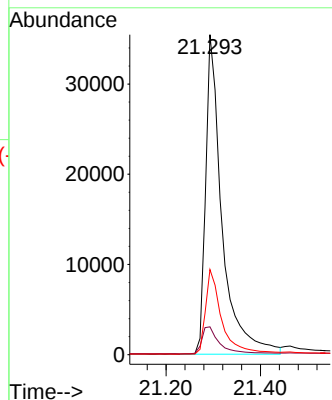
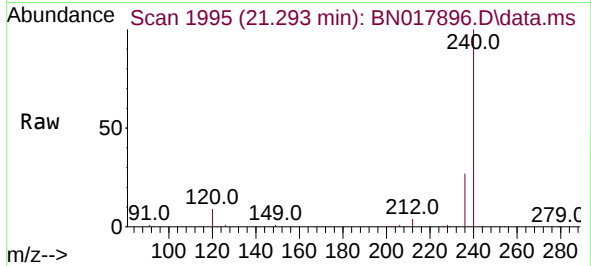




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

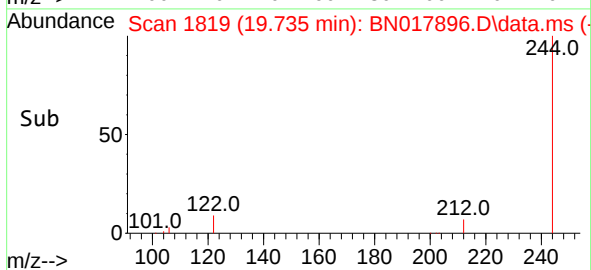
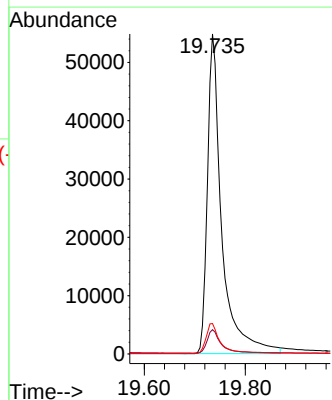
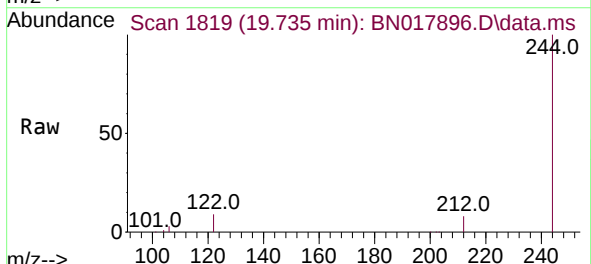
Instrument :
BNA_N
ClientSampleId :
EB01-20211203

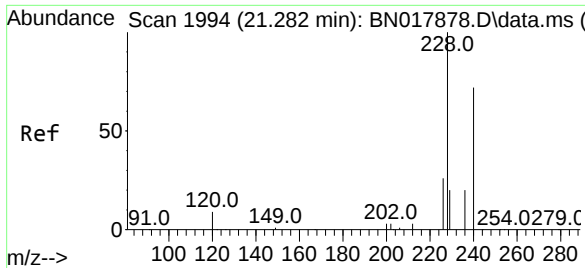
Tgt Ion:240 Resp: 85227
Ion Ratio Lower Upper
240 100
120 8.7 5.8 8.8
236 26.6 21.0 31.6



#31
Terphenyl-d14
Concen: 0.515 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

Tgt Ion:244 Resp: 108149
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.5 7.5 11.3

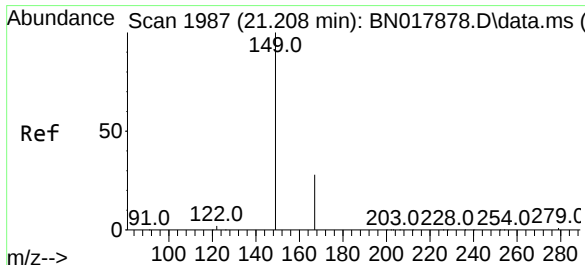
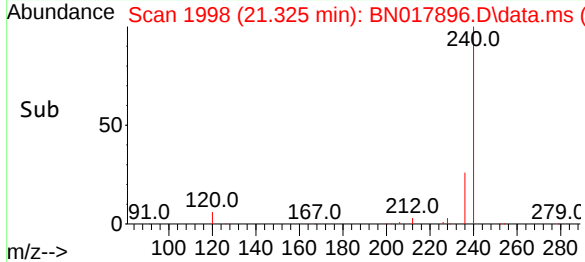
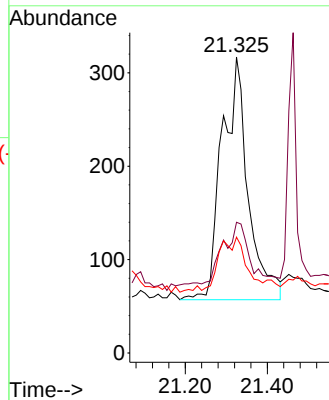
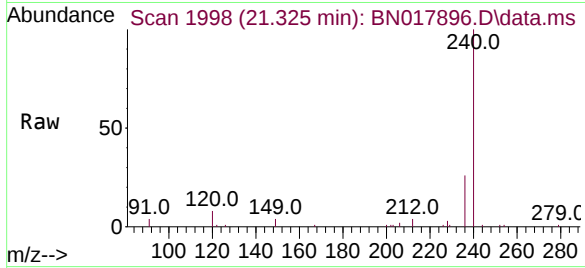




#32
Benzo(a)anthracene
Concen: 0.054 ng
RT: 21.325 min Scan# 1994
Delta R.T. 0.043 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

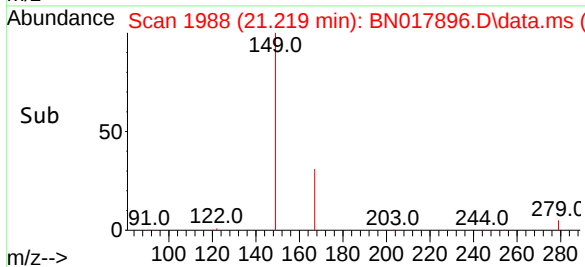
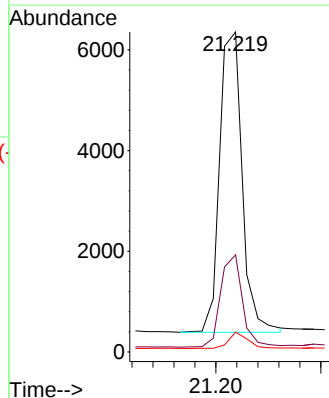
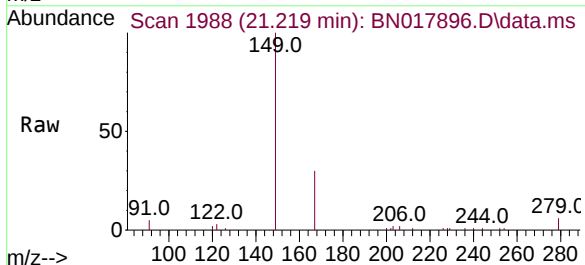
Instrument :
BNA_N
ClientSampleId :
EB01-20211203

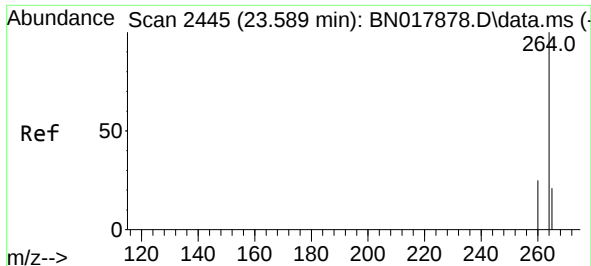
Tgt Ion:228 Resp: 1151
Ion Ratio Lower Upper
228 100
226 44.2 21.0 31.4#
229 39.1 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.219 min Scan# 1988
Delta R.T. 0.011 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

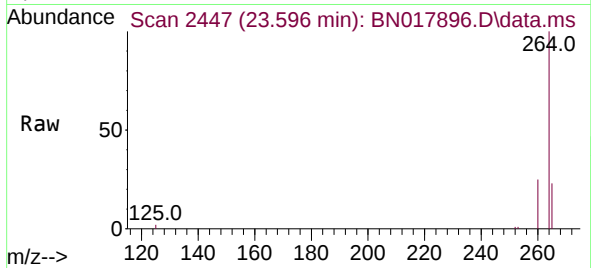
Tgt Ion:149 Resp: 8912
Ion Ratio Lower Upper
149 100
167 29.9 23.4 35.0
279 4.7 3.6 5.4



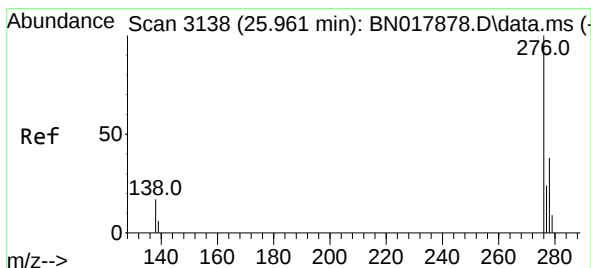
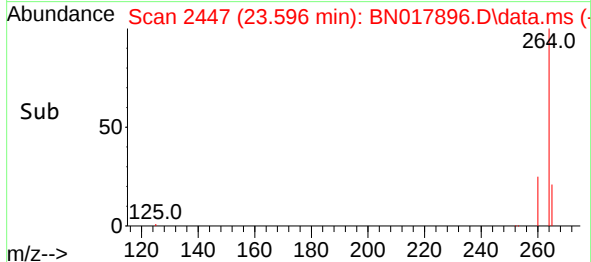
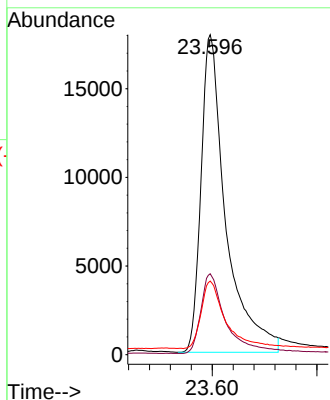


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.596 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

Instrument :
BNA_N
ClientSampleId :
EB01-20211203

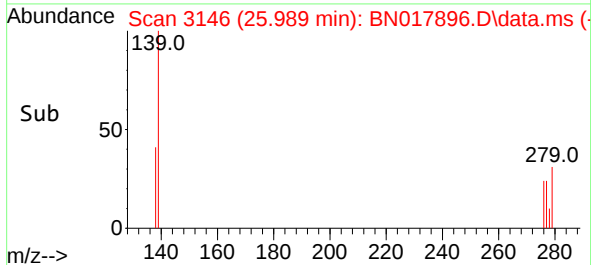
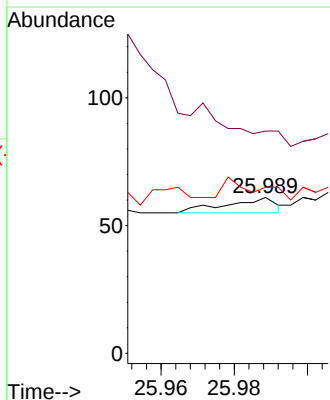
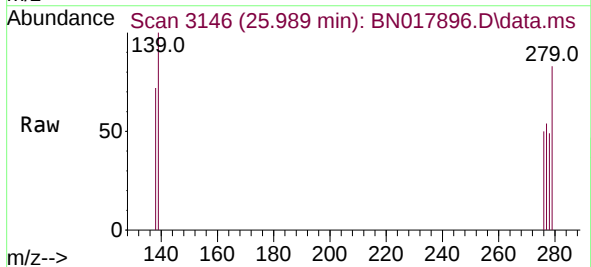


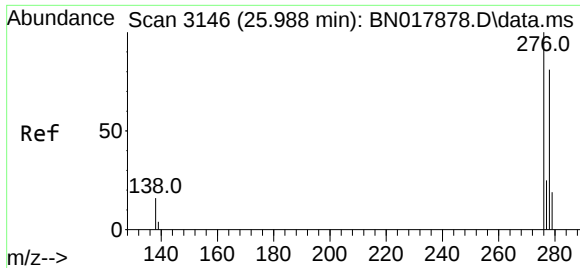
Tgt Ion:264 Resp: 58998
Ion Ratio Lower Upper
264 100
260 25.3 20.2 30.4
265 23.0 18.2 27.4



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.989 min Scan# 3146
Delta R.T. 0.028 min
Lab File: BN017896.D
Acq: 11 Dec 2021 08:42

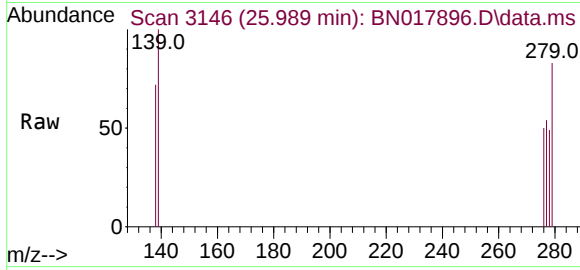
Tgt Ion:276 Resp: 6
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 100.0 19.8 29.6#





#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.989 min Scan# 3146
 Delta R.T. 0.001 min
 Lab File: BN017896.D
 Acq: 11 Dec 2021 08:42

Instrument :
 BNA_N
 ClientSampleId :
 EB01-20211203



Tgt Ion: 278 Resp: 4

Ion	Ratio	Lower	Upper
278	100		
139	205.1	12.0	18.0#
279	171.2	20.8	31.2#

