

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017903.D
 Acq On : 11 Dec 2021 12:56
 Operator : CG/JU
 Sample : M4923-09DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20211201DL

Quant Time: Dec 11 21:30:10 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)

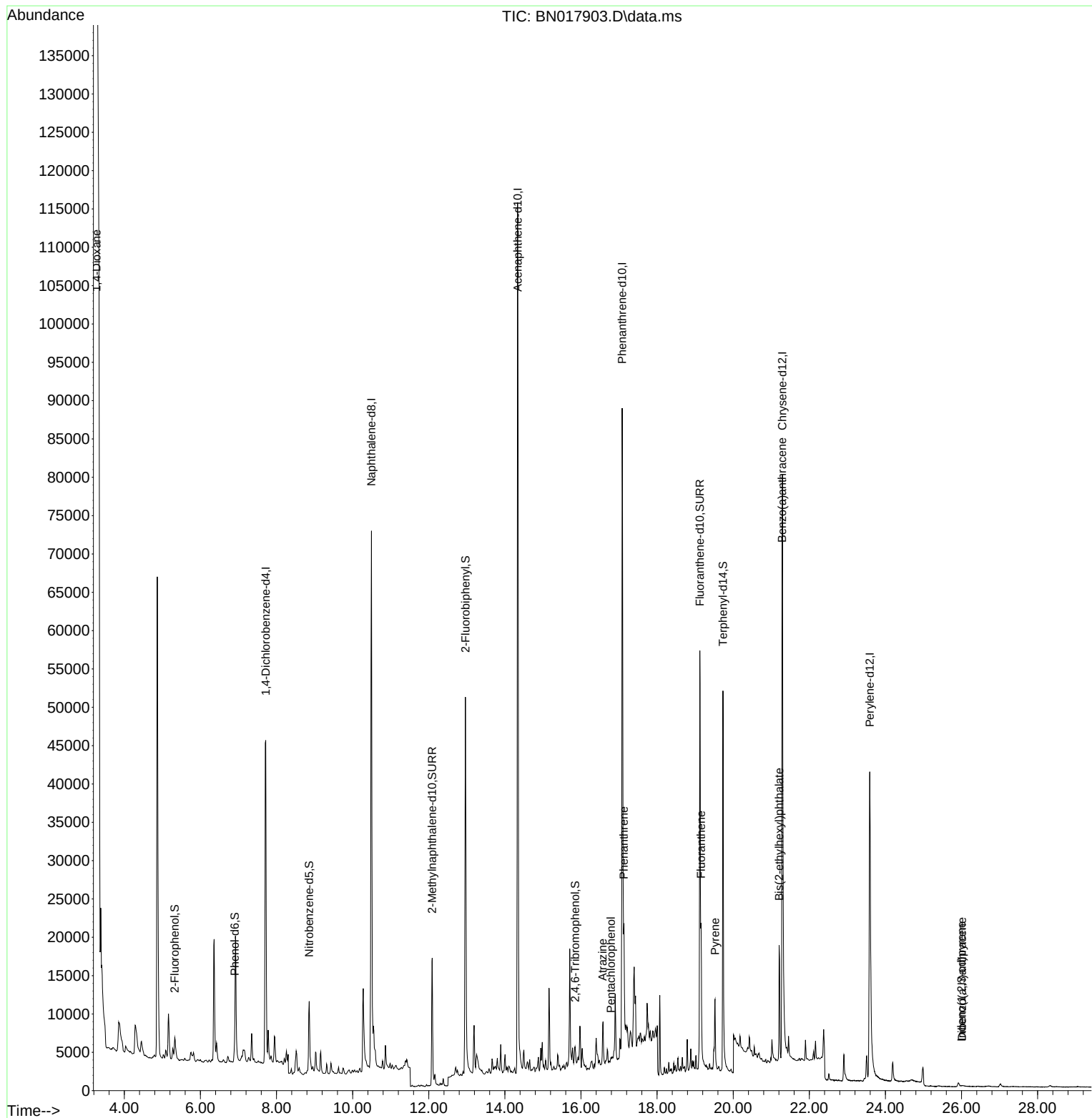
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	25974	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	108439	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	73284	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	149626	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	110151	0.400	ng	0.00
35) Perylene-d12	23.589	264	78581	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.326	112	3650	0.068	ng	0.00
5) Phenol-d6	6.903	99	2329	0.044	ng	0.00
8) Nitrobenzene-d5	8.859	82	10363	0.146	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	27208	0.143	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2651	0.399	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	44474	0.172	ng	0.00
27) Fluoranthene-d10	19.124	212	75607	0.156	ng	0.00
31) Terphenyl-d14	19.730	244	63794	0.235	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	37941	4.813	ng	94
20) 4,6-Dinitro-2-methylph...	15.451	198	13	Below Cal	#	1
23) Atrazine	16.569	200	276	0.095	ng	# 1
24) Pentachlorophenol	16.788	266	62	0.110	ng	# 59
25) Phenanthrene	17.129	178	17222	0.045	ng	97
28) Fluoranthene	19.154	202	15908	0.034	ng	99
30) Pyrene	19.521	202	9807	0.023	ng	# 96
32) Benzo(a)anthracene	21.282	228	1710	0.055	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.208	149	17245	0.146	ng	99
36) Indeno(1,2,3-cd)pyrene	25.999	276	119	0.090	ng	# 57
40) Dibenzo(a,h)anthracene	26.016	278	28	0.101	ng	# 1

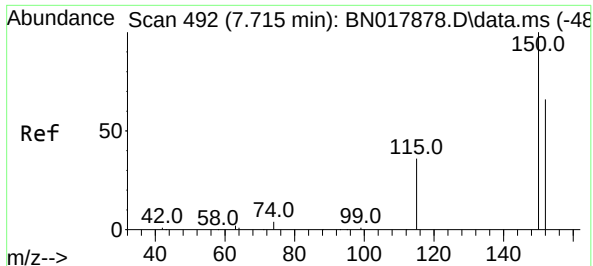
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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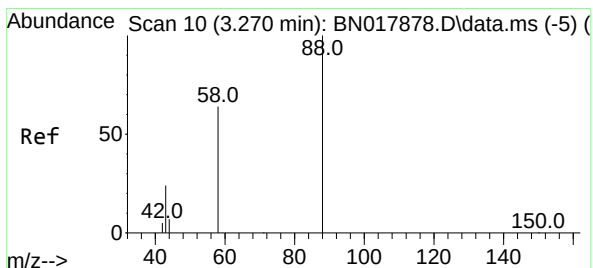
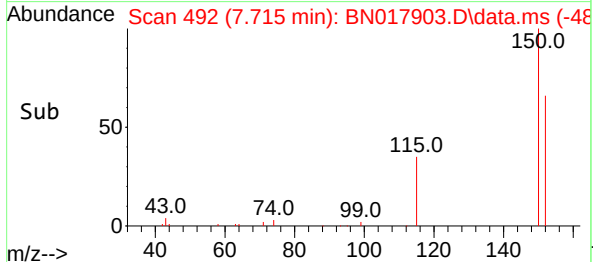
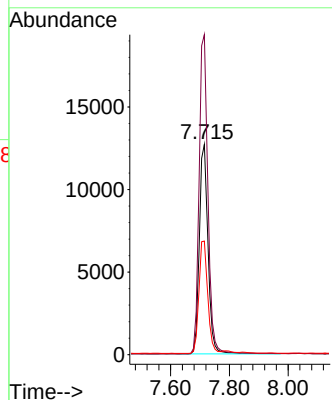
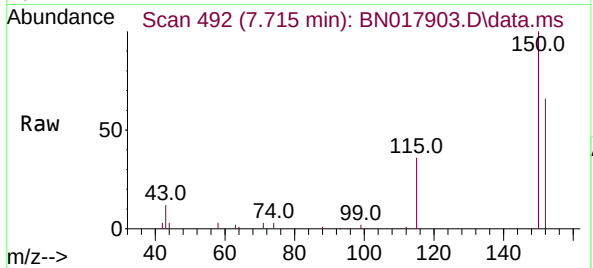




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017903.D
 Acq: 11 Dec 2021 12:56

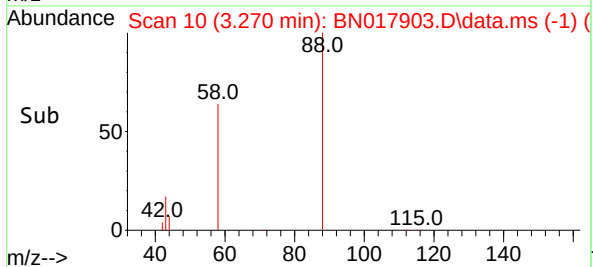
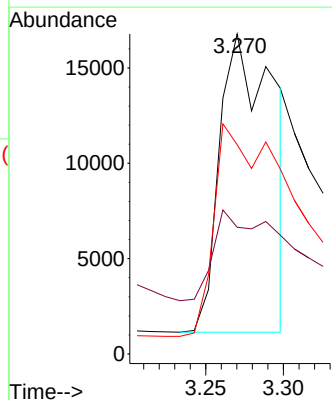
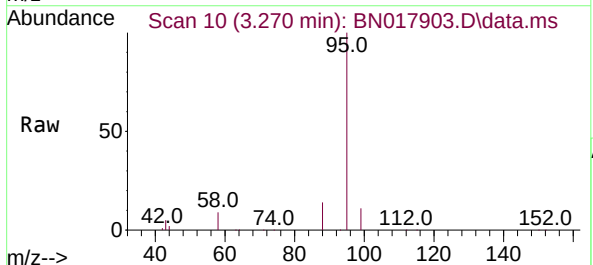
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20211201DL

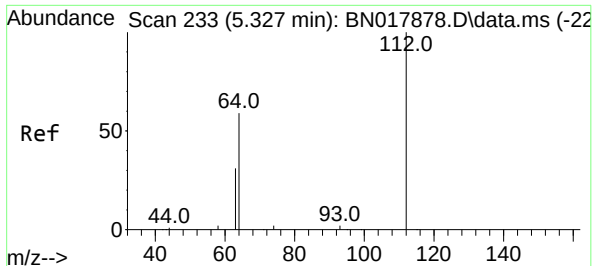
Tgt Ion:152 Resp: 25974
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.9 182.9
 115 54.0 44.1 66.1



#2
 1,4-Dioxane
 Concen: 4.813 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017903.D
 Acq: 11 Dec 2021 12:56

Tgt Ion: 88 Resp: 37941
 Ion Ratio Lower Upper
 88 100
 43 31.5 28.0 42.0
 58 76.4 65.4 98.0

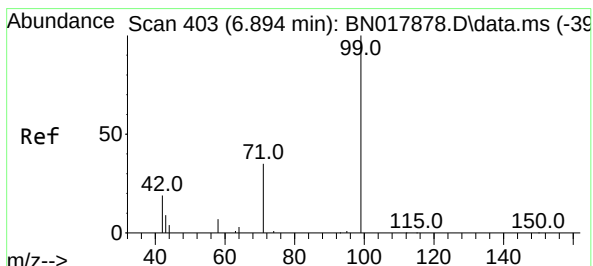
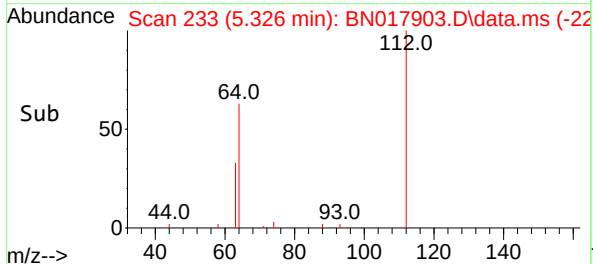
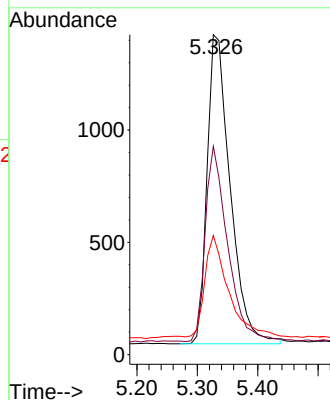
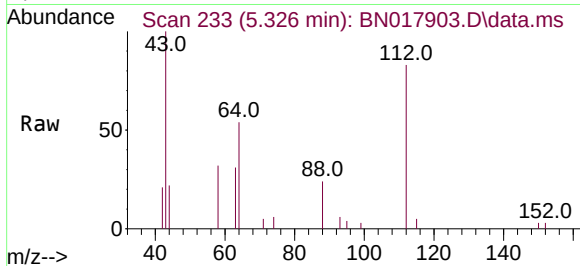




#4
2-Fluorophenol
Concen: 0.068 ng
RT: 5.326 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

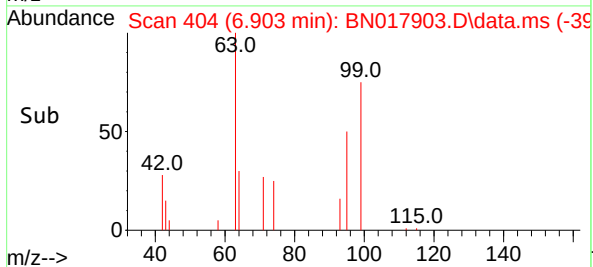
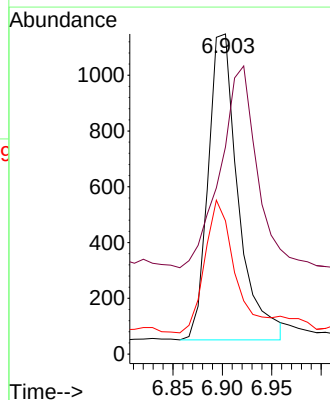
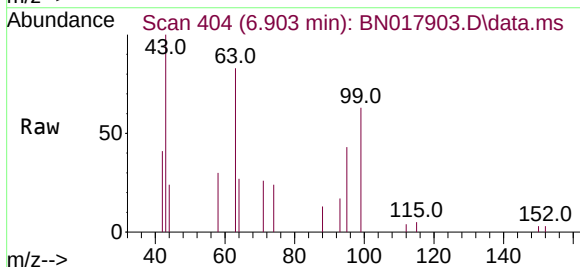
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201DL

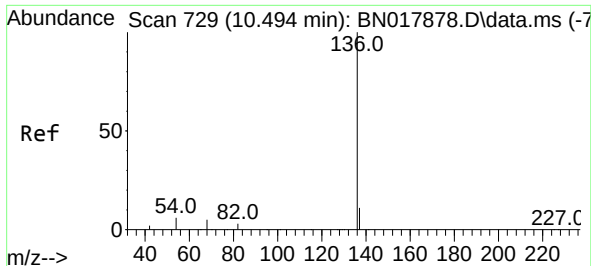
Tgt Ion:112 Resp: 3650
Ion Ratio Lower Upper
112 100
64 61.3 49.0 73.4
63 33.4 26.2 39.2



#5
Phenol-d6
Concen: 0.044 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

Tgt Ion: 99 Resp: 2329
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.4#
71 44.0 28.0 42.0#

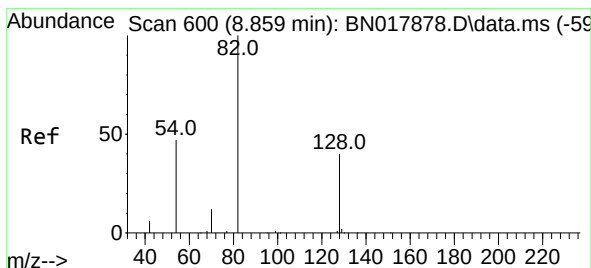
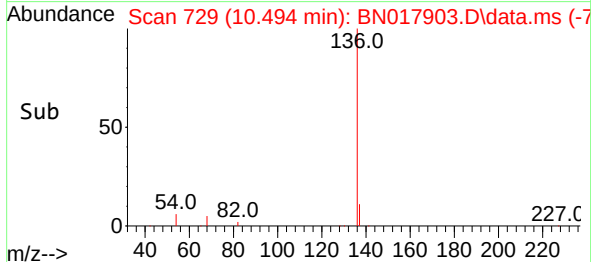
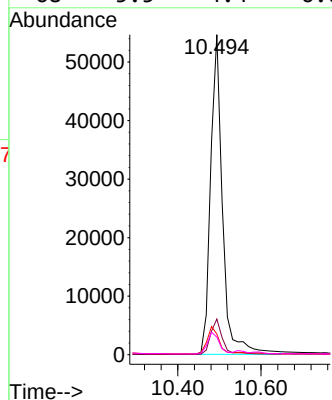
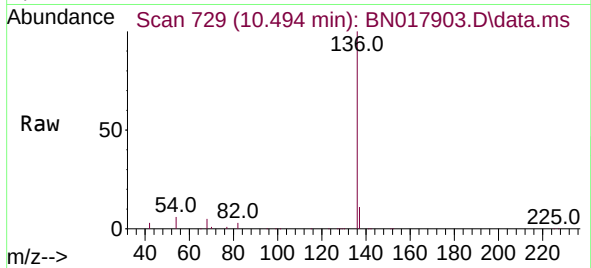




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

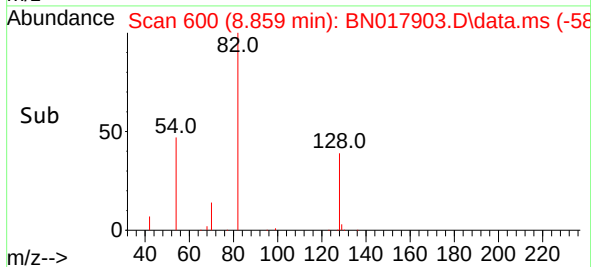
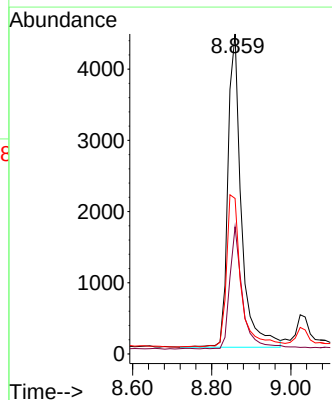
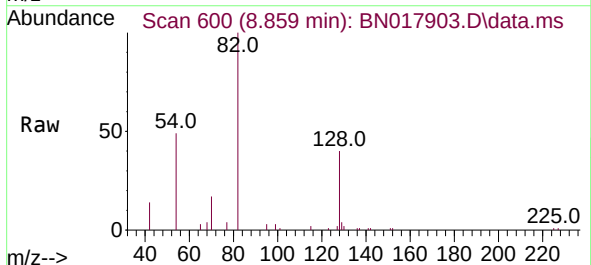
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201DL

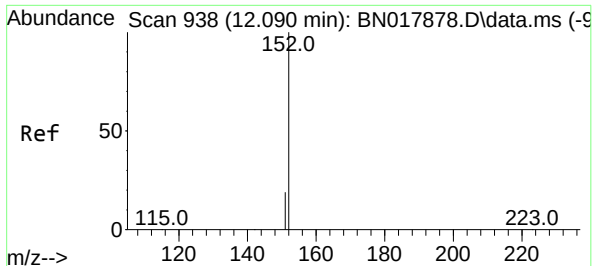
Tgt Ion:136 Resp: 108439
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.4 5.1 7.7
68 5.5 4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.146 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

Tgt Ion: 82 Resp: 10363
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.4
54 48.6 37.6 56.4

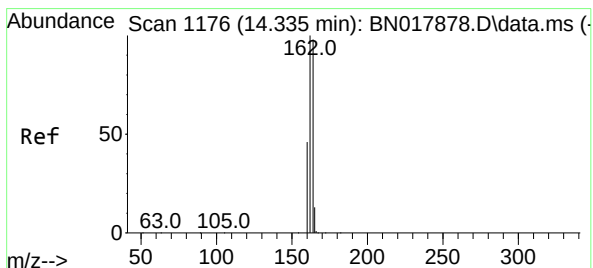
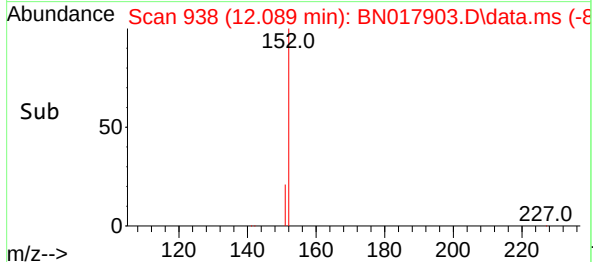
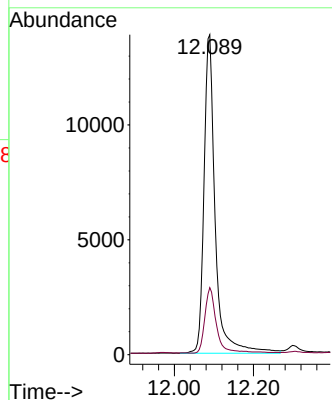
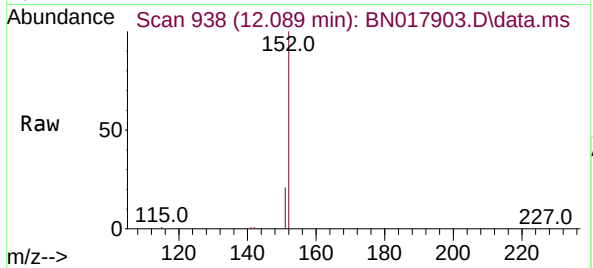




#11
2-Methylnaphthalene-d10
Concen: 0.143 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

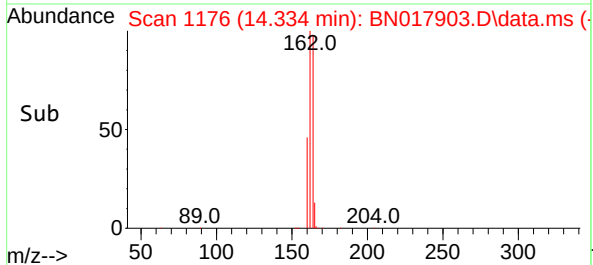
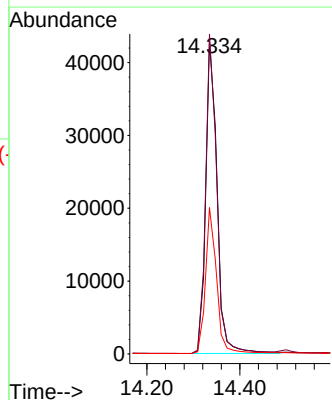
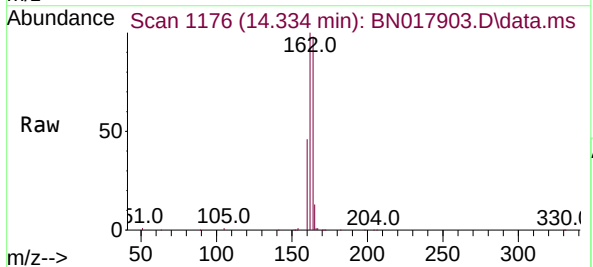
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ClientSampleId :
RE120D2-20211201DL

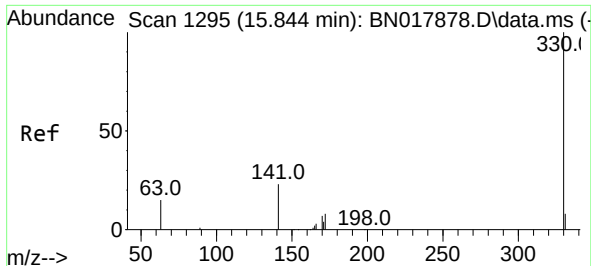
Tgt Ion:152 Resp: 27208
Ion Ratio Lower Upper
152 100
151 21.3 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

Tgt Ion:164 Resp: 73284
Ion Ratio Lower Upper
164 100
162 102.4 82.1 123.1
160 46.8 38.2 57.2

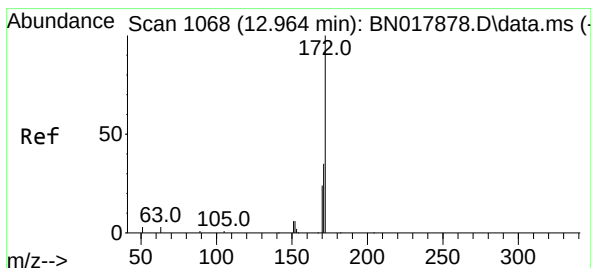
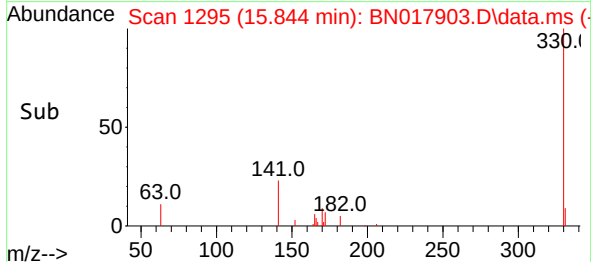
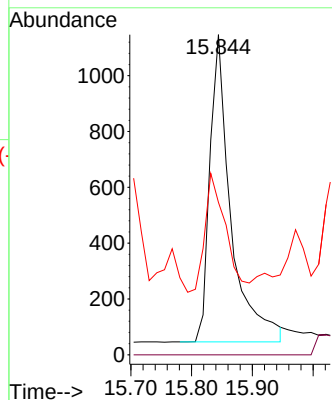
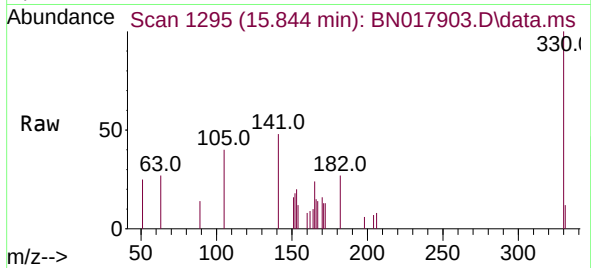




#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

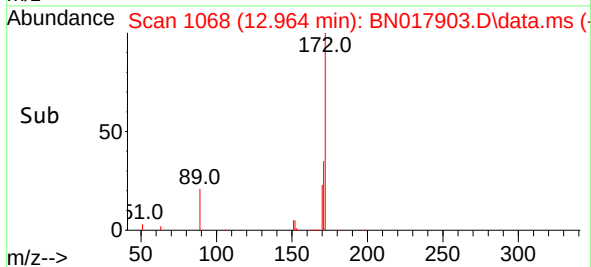
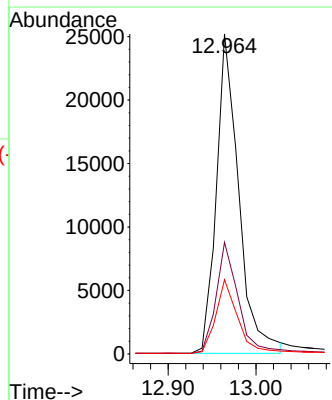
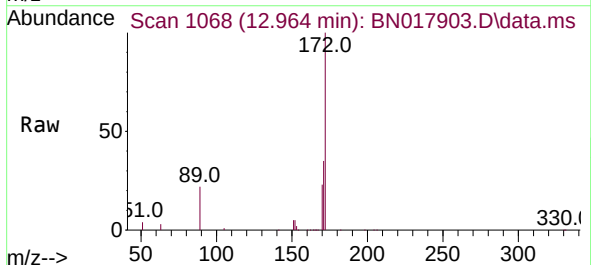
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ClientSampleId :
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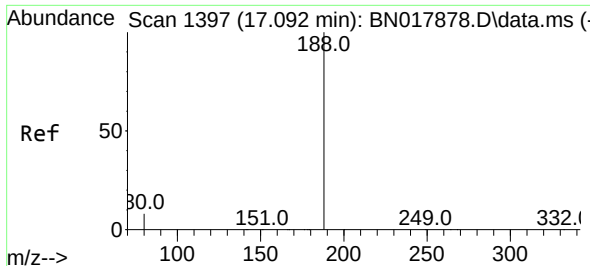
Tgt Ion: 330 Resp: 2651
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.9 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.172 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

Tgt Ion: 172 Resp: 44474
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.2 19.1 28.7

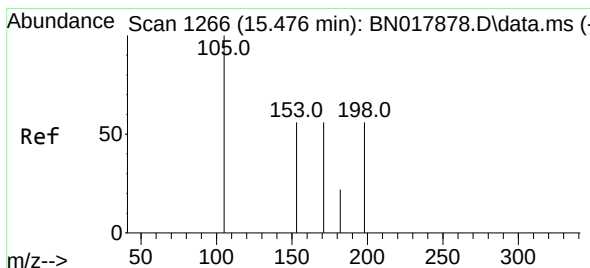
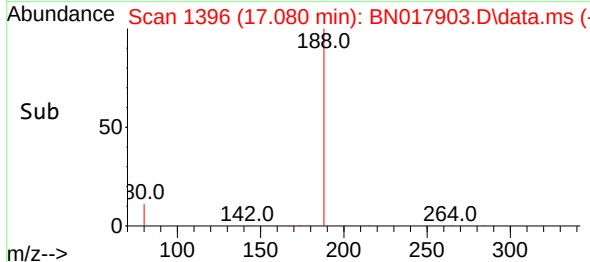
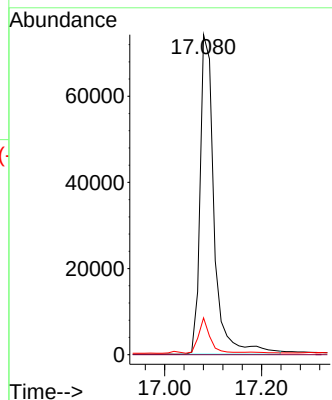
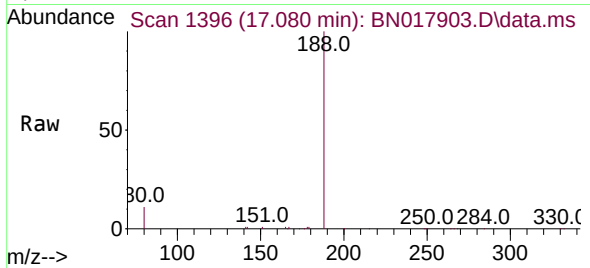




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

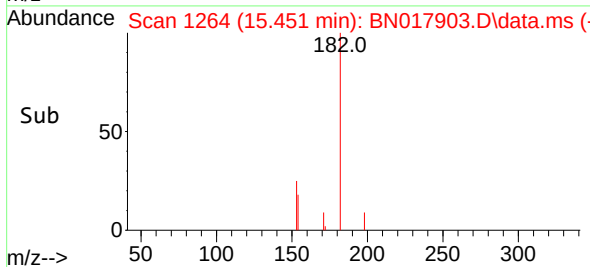
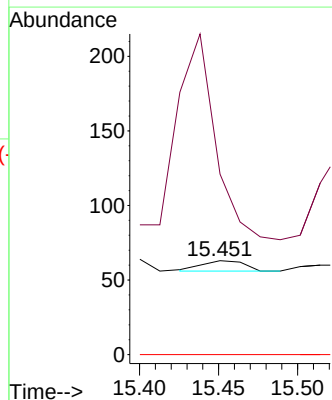
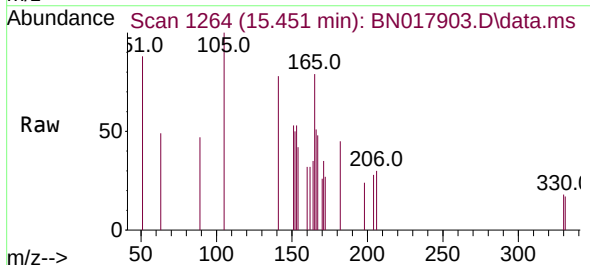
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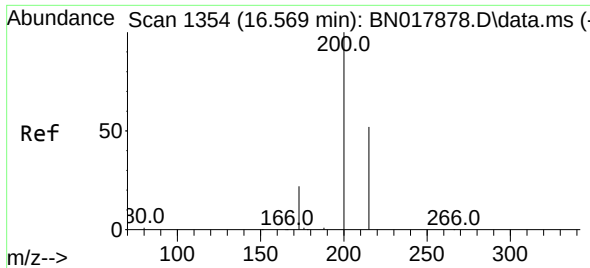
Tgt Ion:188 Resp: 149626
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 6.2 9.2#



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 1264
Delta R.T. -0.025 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
182 192.1 70.8 106.2#
77 0.0 0.0 0.0

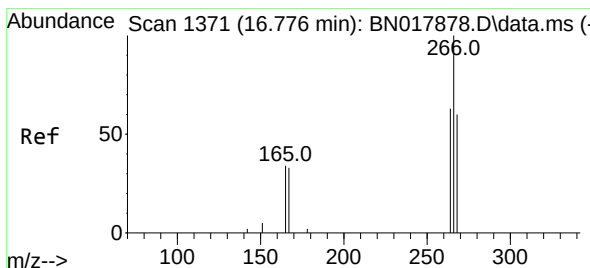
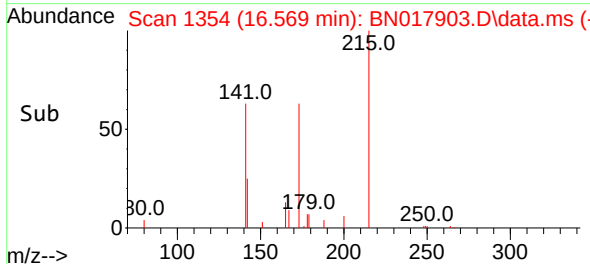
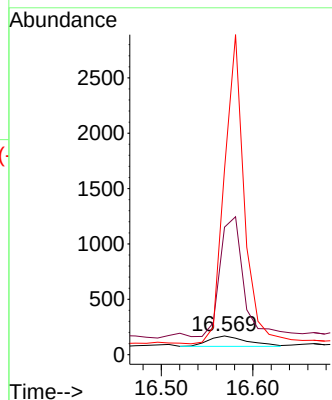
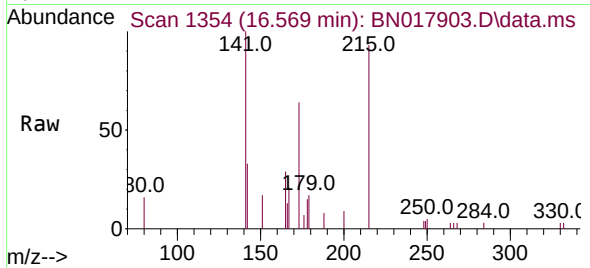




#23
 Atrazine
 Concen: 0.095 ng
 RT: 16.569 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017903.D
 Acq: 11 Dec 2021 12:56

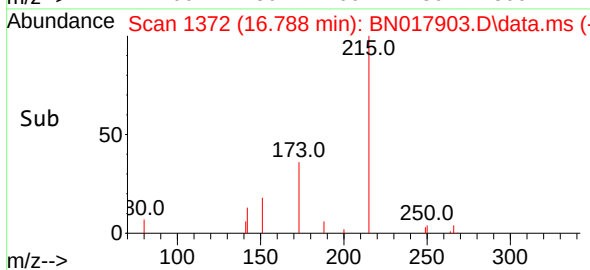
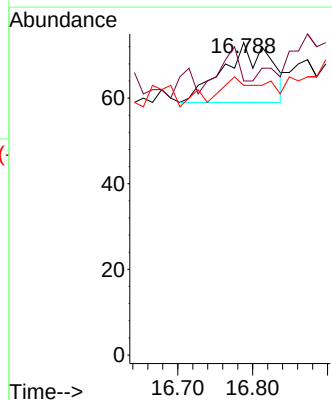
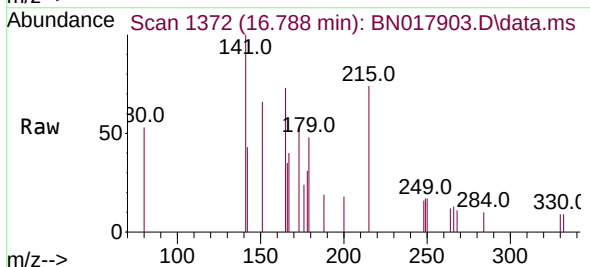
Instrument :
 BNA_N
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 RE120D2-20211201DL

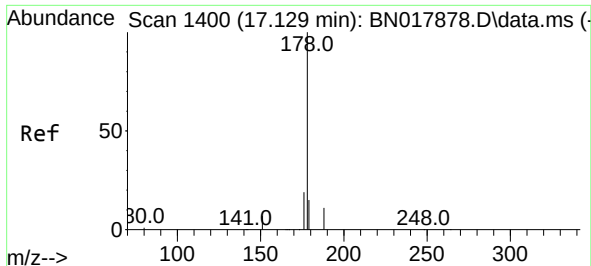
Tgt Ion:200 Resp: 276
 Ion Ratio Lower Upper
 200 100
 173 681.1 18.2 27.2#
 215 989.9 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.110 ng
 RT: 16.788 min Scan# 1372
 Delta R.T. 0.012 min
 Lab File: BN017903.D
 Acq: 11 Dec 2021 12:56

Tgt Ion:266 Resp: 62
 Ion Ratio Lower Upper
 266 100
 264 37.1 50.6 76.0#
 268 29.0 53.7 80.5#

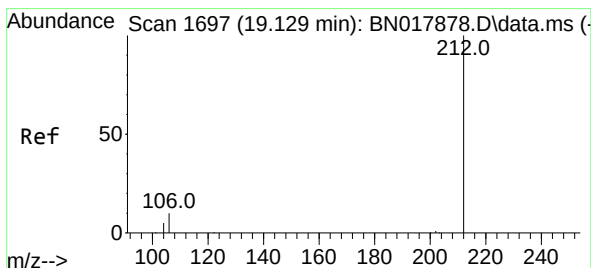
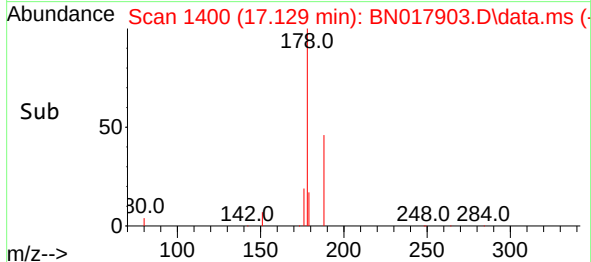
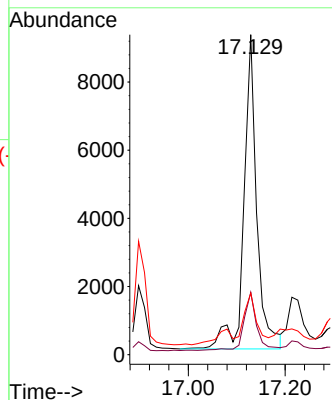
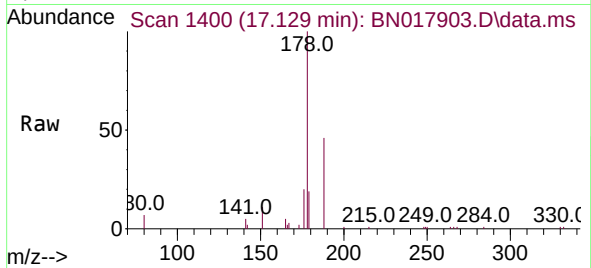




#25
Phenanthrene
Concen: 0.045 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

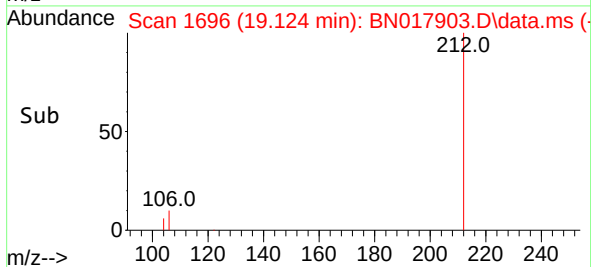
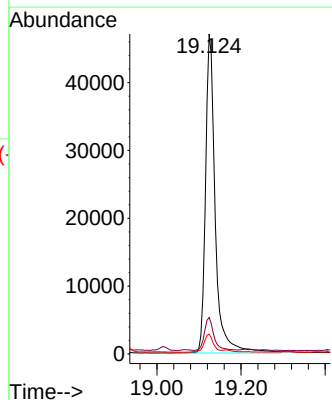
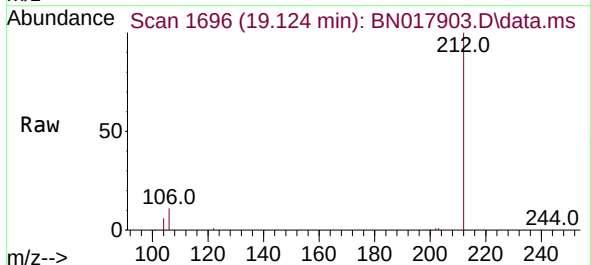
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201DL

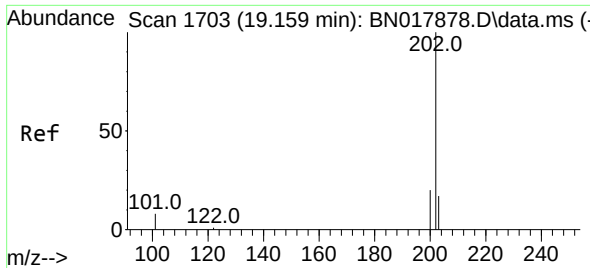
Tgt Ion:178 Resp: 17222
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 13.1 12.4 18.6



#27
Fluoranthene-d10
Concen: 0.156 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

Tgt Ion:212 Resp: 75607
Ion Ratio Lower Upper
212 100
106 10.0 8.3 12.5
104 5.5 4.6 6.8

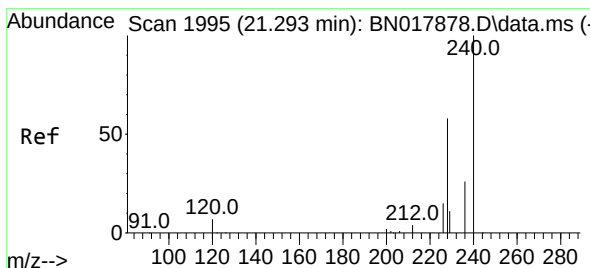
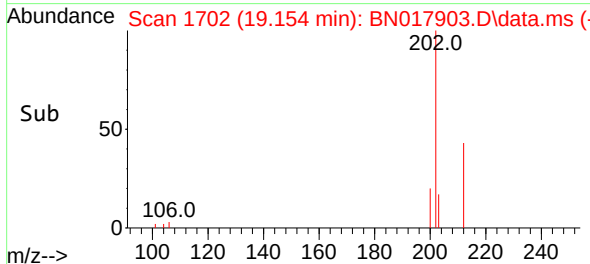
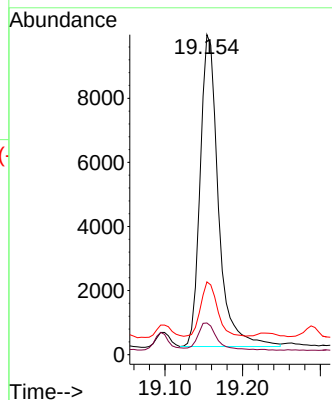
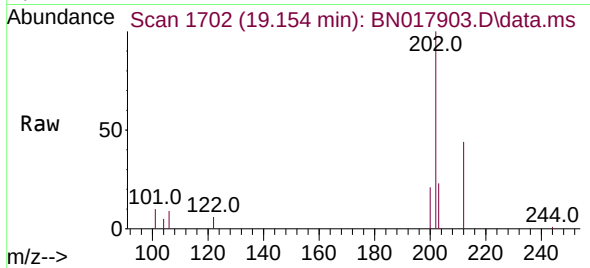




#28
Fluoranthene
Concen: 0.034 ng
RT: 19.154 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

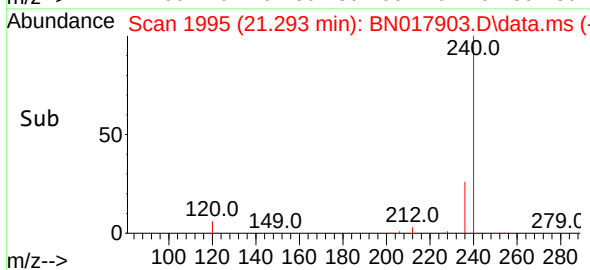
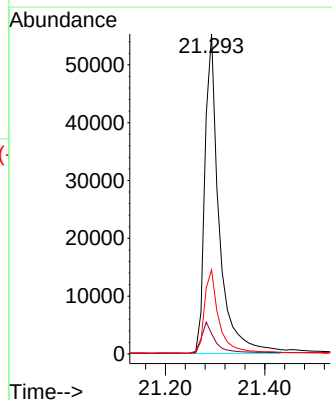
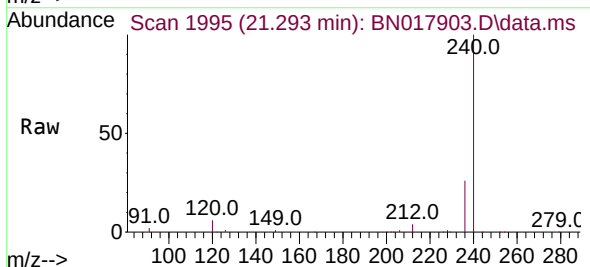
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201DL

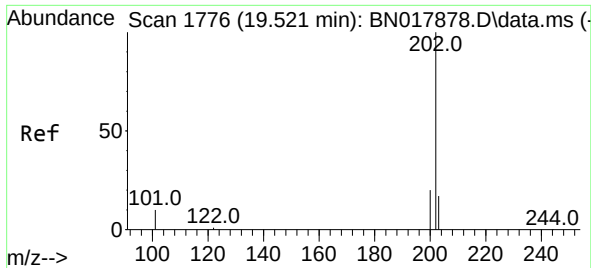
Tgt Ion:202 Resp: 15908
Ion Ratio Lower Upper
202 100
101 9.2 7.3 10.9
203 17.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

Tgt Ion:240 Resp: 110151
Ion Ratio Lower Upper
240 100
120 6.3 5.8 8.8
236 26.3 21.0 31.6

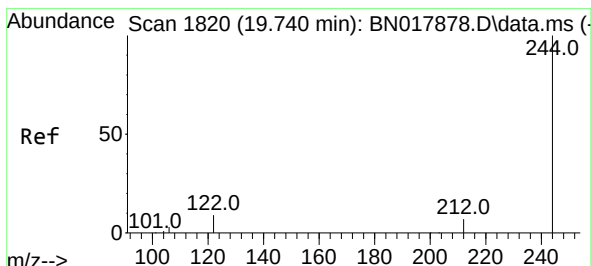
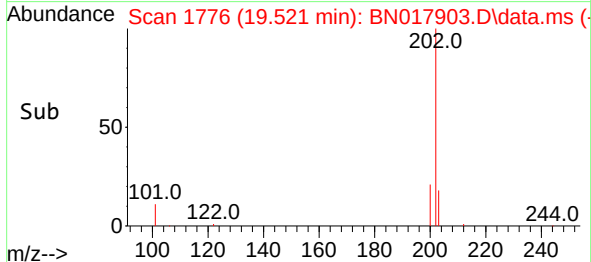
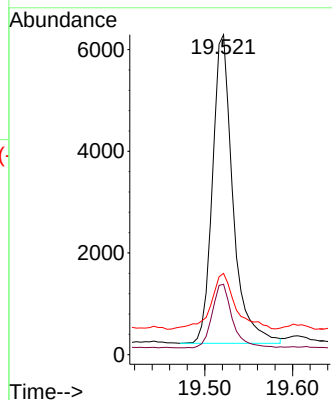
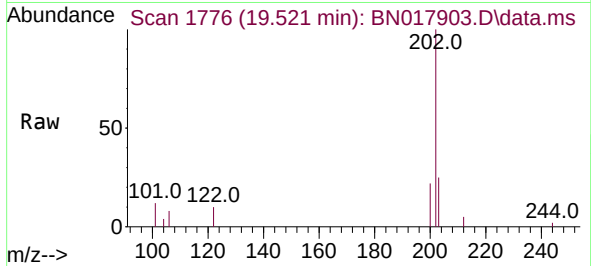




#30
Pyrene
Concen: 0.023 ng
RT: 19.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

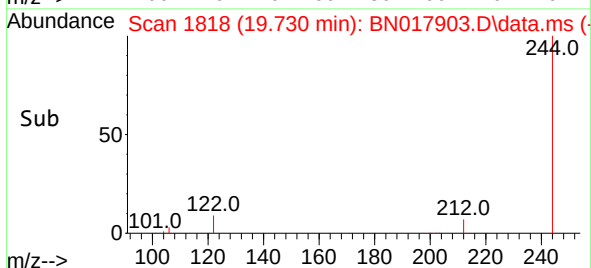
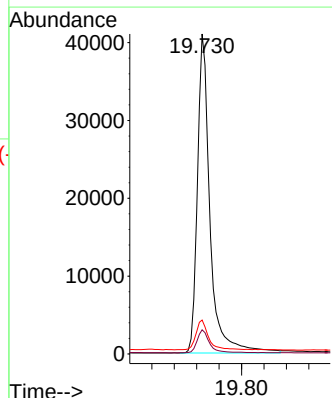
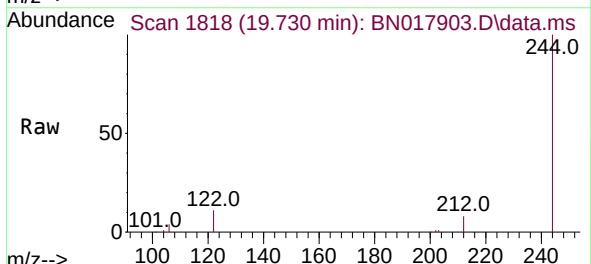
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201DL

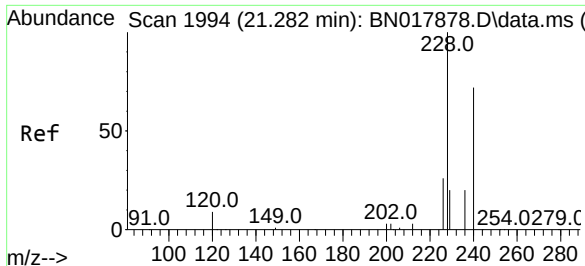
Tgt Ion:202 Resp: 9807
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 21.6 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.235 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

Tgt Ion:244 Resp: 63794
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 10.6 7.5 11.3

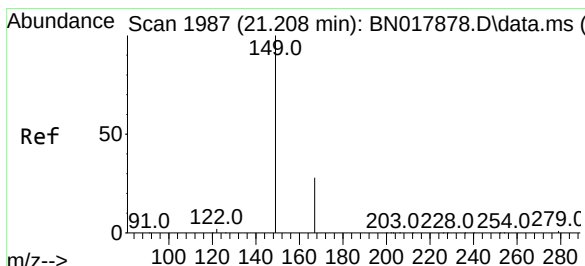
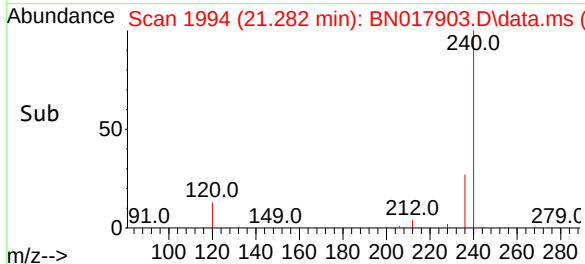
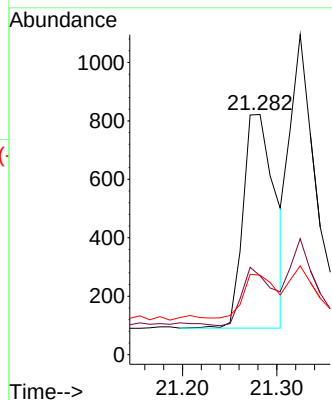
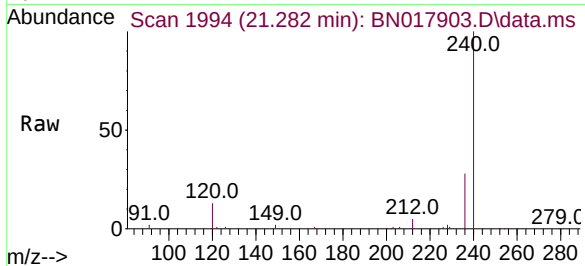




#32
Benzo(a)anthracene
Concen: 0.055 ng
RT: 21.282 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

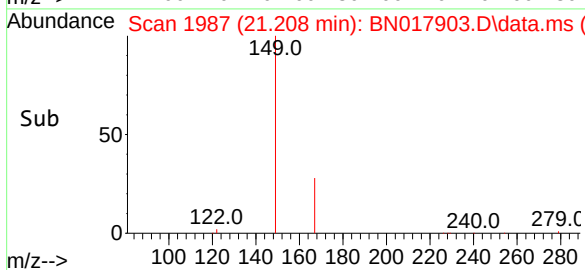
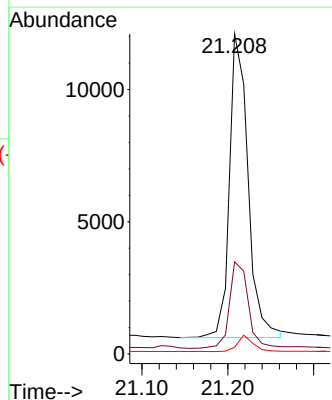
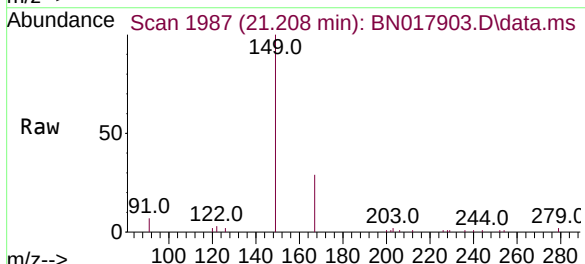
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201DL

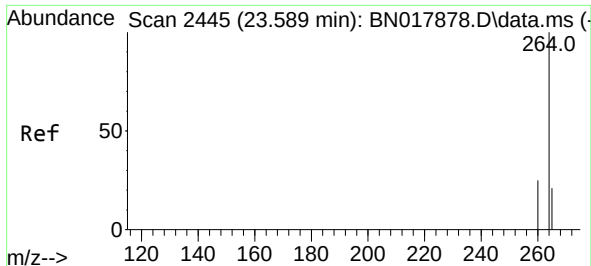
Tgt Ion:228 Resp: 1710
Ion Ratio Lower Upper
228 100
226 32.8 21.0 31.4#
229 33.1 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.146 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

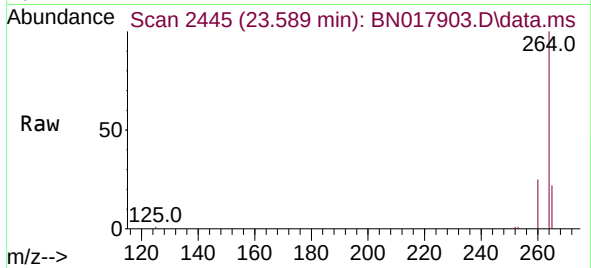
Tgt Ion:149 Resp: 17245
Ion Ratio Lower Upper
149 100
167 28.8 23.4 35.0
279 4.6 3.6 5.4



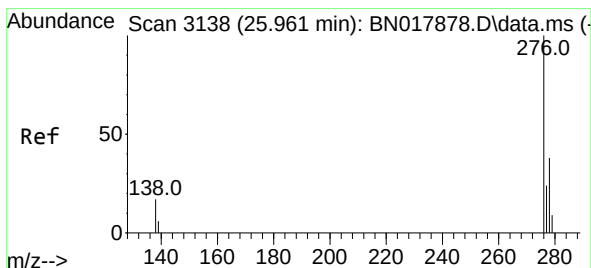
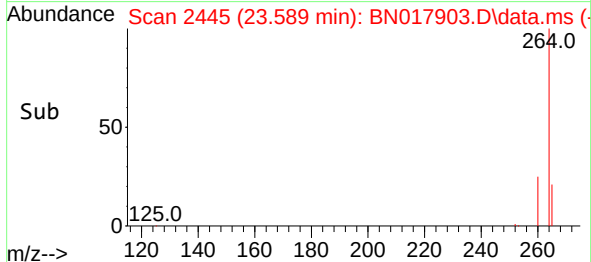
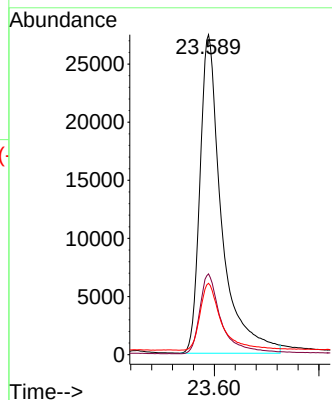


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201DL

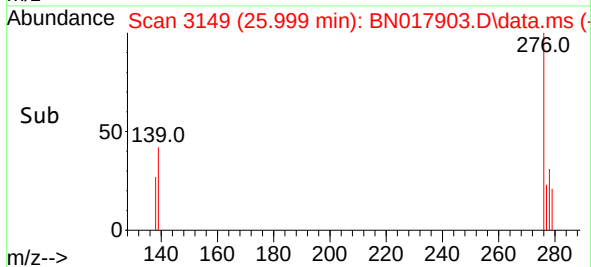
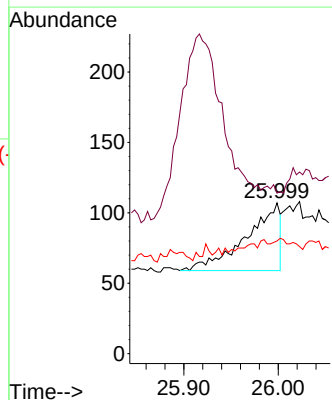
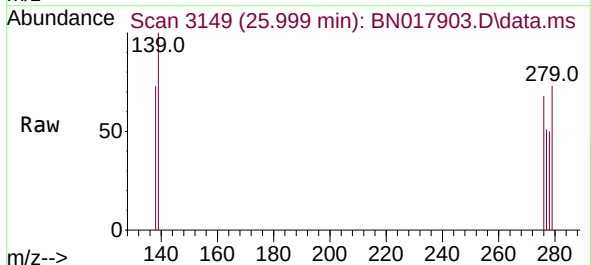


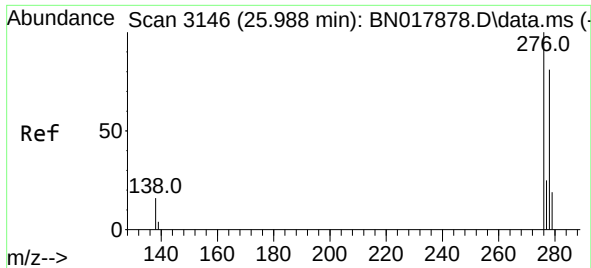
Tgt Ion:264 Resp: 78581
Ion Ratio Lower Upper
264 100
260 25.3 20.2 30.4
265 22.3 18.2 27.4



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng
RT: 25.999 min Scan# 3149
Delta R.T. 0.038 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

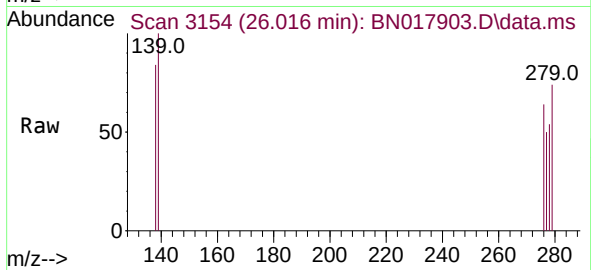
Tgt Ion:276 Resp: 119
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 2.5 19.8 29.6#





#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 26.016 min Scan# 31
Delta R.T. 0.028 min
Lab File: BN017903.D
Acq: 11 Dec 2021 12:56

Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201DL



Tgt Ion:278 Resp: 28
Ion Ratio Lower Upper
278 100
139 186.9 12.0 18.0#
279 138.1 20.8 31.2#

