

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017890.D
 Acq On : 11 Dec 2021 03:18
 Operator : CG/JU
 Sample : M4923-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20211130DL

Quant Time: Dec 11 05:46:29 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)

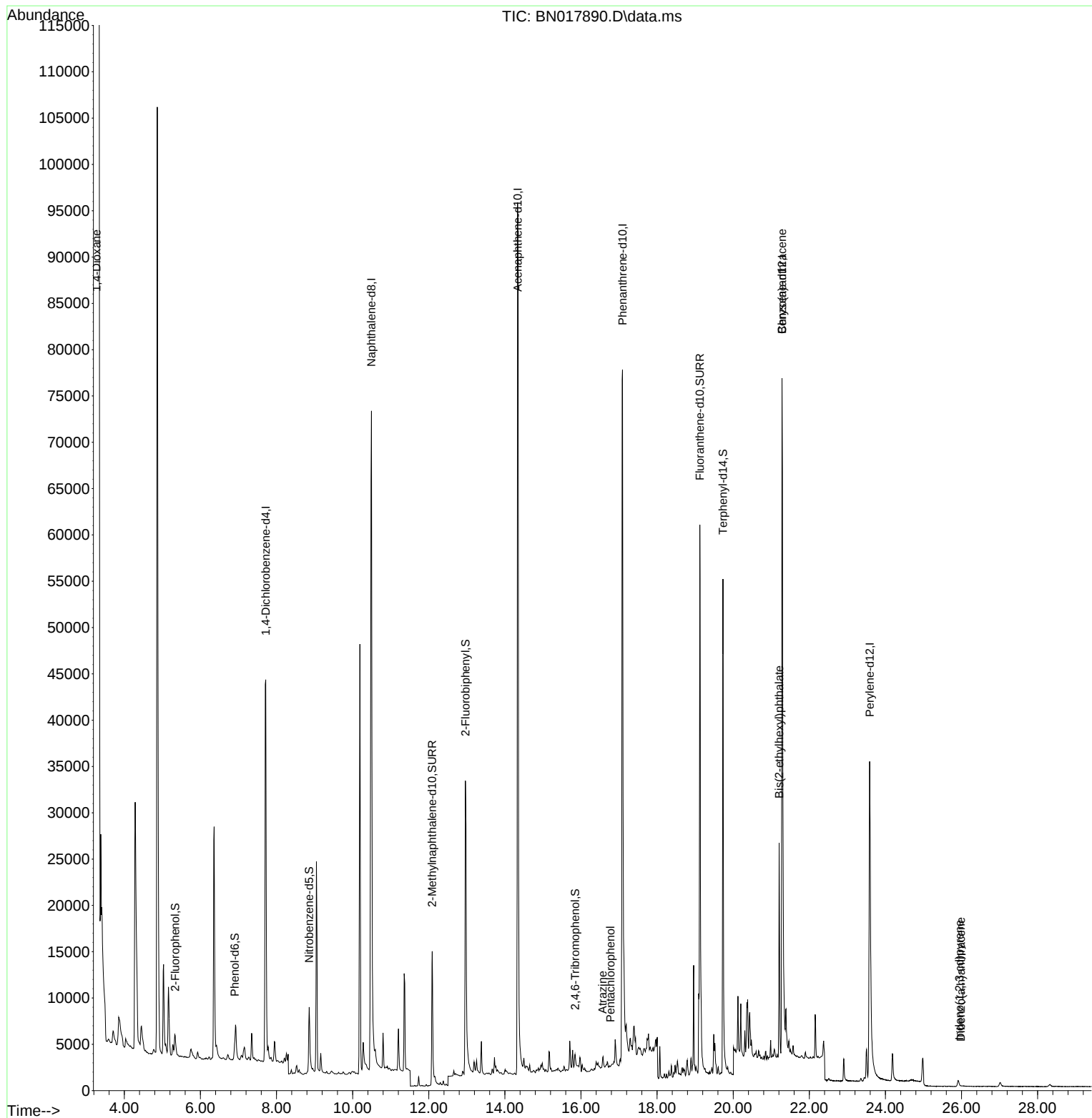
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	26428	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	106105	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	71073	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	145435	0.400	ng	0.00
29) Chrysene-d12	21.282	240	111361	0.400	ng	#-0.01
35) Perylene-d12	23.585	264	69839	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	3106	0.057	ng	0.00
5) Phenol-d6	6.903	99	1768	0.033	ng	0.00
8) Nitrobenzene-d5	8.859	82	8457	0.122	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	24103	0.129	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1984	0.384	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	35535	0.142	ng	0.00
27) Fluoranthene-d10	19.124	212	81604	0.173	ng	0.00
31) Terphenyl-d14	19.730	244	68008	0.248	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	36067	4.497	ng	94
20) 4,6-Dinitro-2-methylph...	15.438	198	2	Below Cal	#	1
23) Atrazine	16.569	200	76	0.092	ng	# 1
24) Pentachlorophenol	16.776	266	9	0.085	ng	# 1
32) Benzo(a)anthracene	21.282	228	904	0.052	ng	# 45
34) Bis(2-ethylhexyl)phtha...	21.208	149	21167	0.177	ng	98
36) Indeno(1,2,3-cd)pyrene	25.947	276	2	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.981	278	3	0.101	ng	# 1

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

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Data File : BN017890.D
Acq On : 11 Dec 2021 03:18
Operator : CG/JU
Sample : M4923-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL

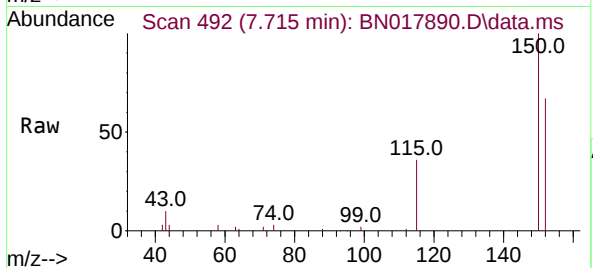
Quant Time: Dec 11 05:46:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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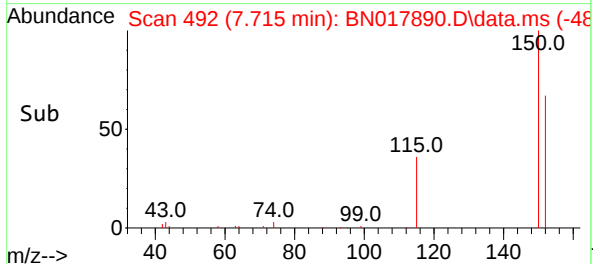
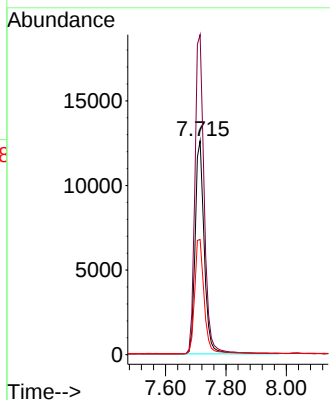


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017890.D
 Acq: 11 Dec 2021 03:18

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20211130DL

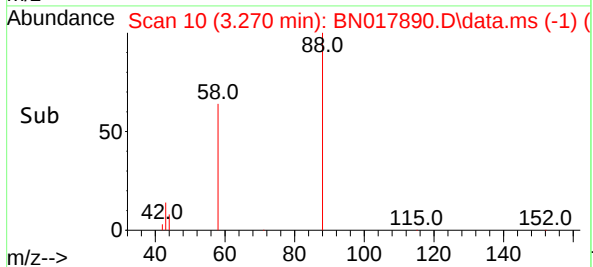
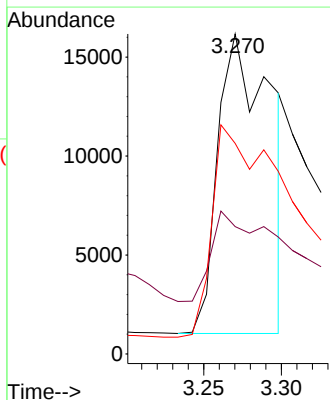
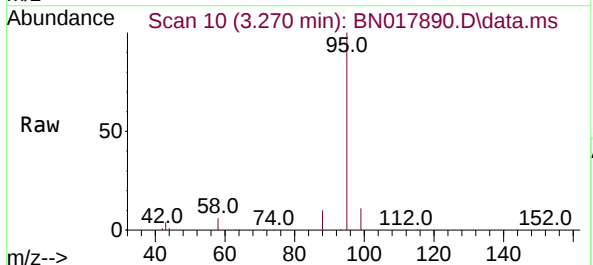


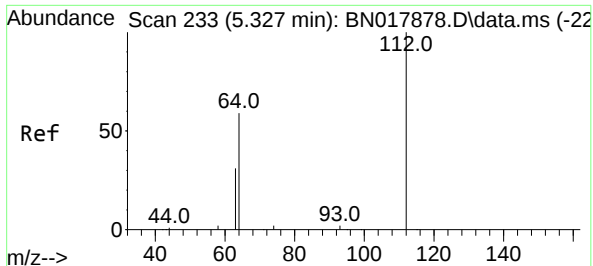
Tgt Ion:152 Resp: 26428
 Ion Ratio Lower Upper
 152 100
 150 149.6 121.9 182.9
 115 53.9 44.1 66.1



#2
 1,4-Dioxane
 Concen: 4.497 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017890.D
 Acq: 11 Dec 2021 03:18

Tgt Ion: 88 Resp: 36067
 Ion Ratio Lower Upper
 88 100
 43 31.2 28.0 42.0
 58 76.7 65.4 98.0

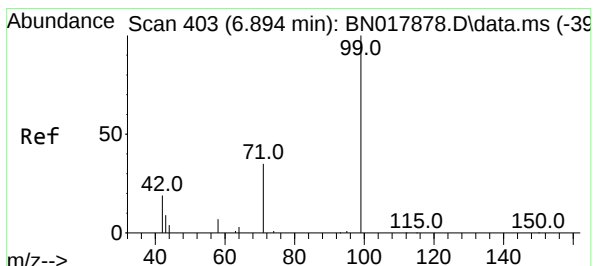
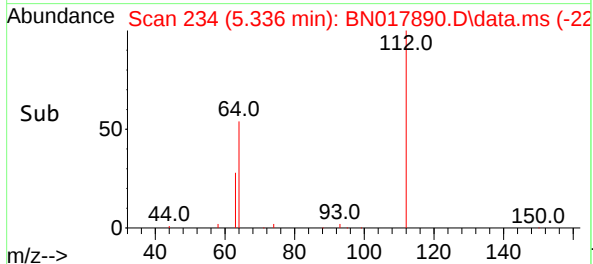
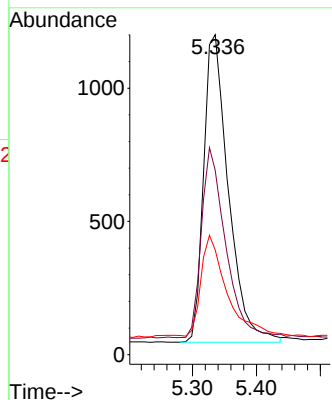
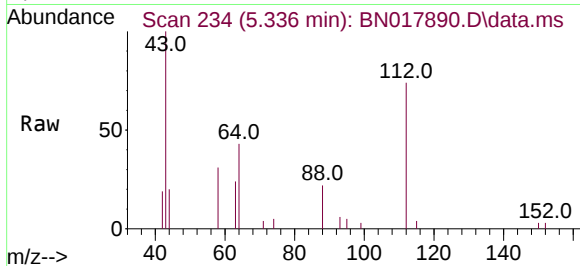




#4
2-Fluorophenol
Concen: 0.057 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

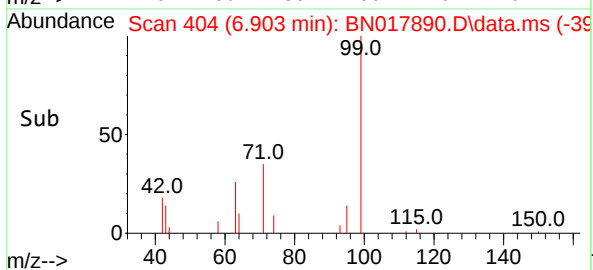
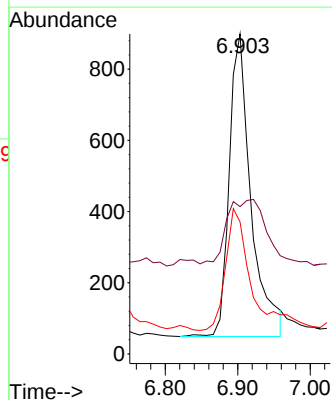
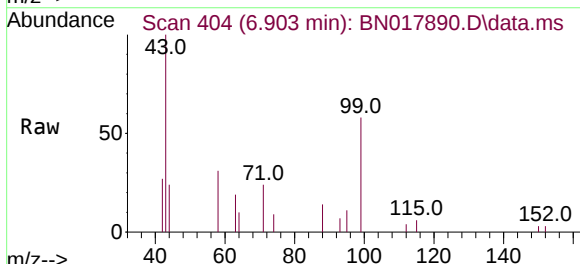
Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL

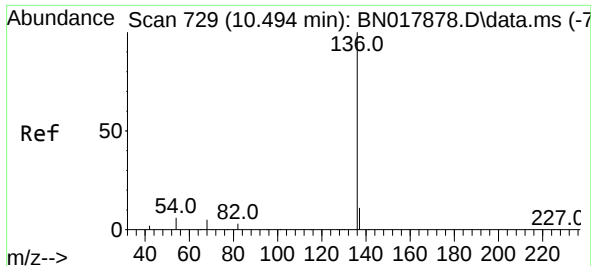
Tgt Ion:112 Resp: 3106
Ion Ratio Lower Upper
112 100
64 60.0 49.0 73.4
63 33.5 26.2 39.2



#5
Phenol-d6
Concen: 0.033 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

Tgt Ion: 99 Resp: 1768
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.4#
71 44.5 28.0 42.0#

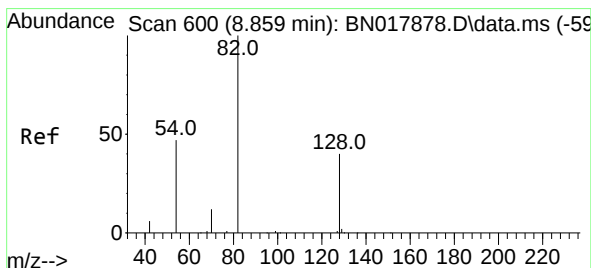
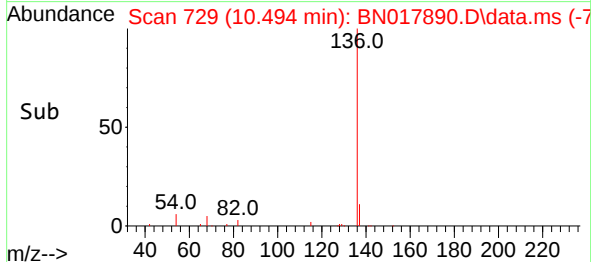
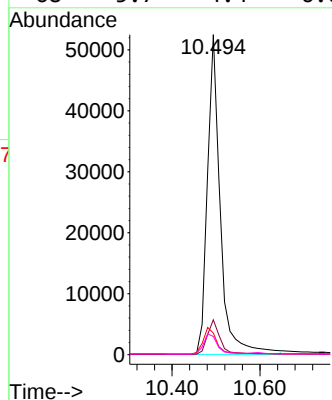
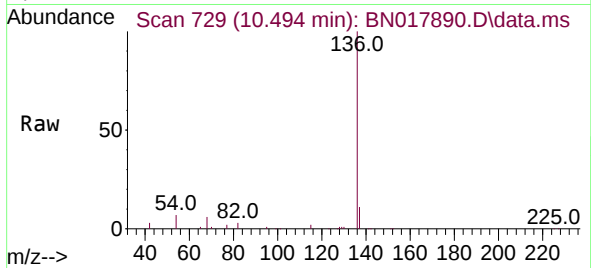




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

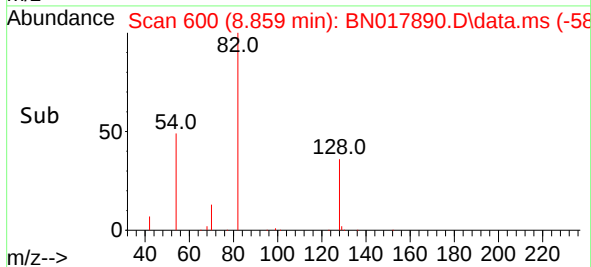
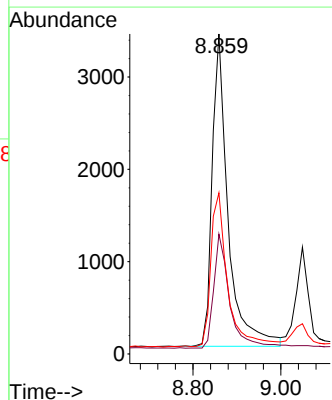
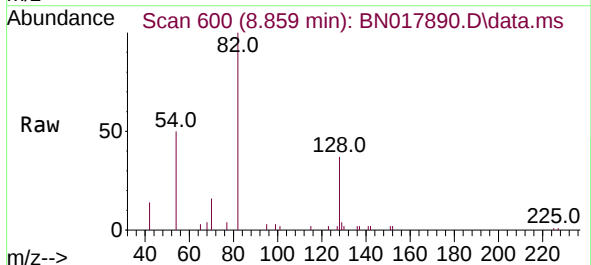
Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL

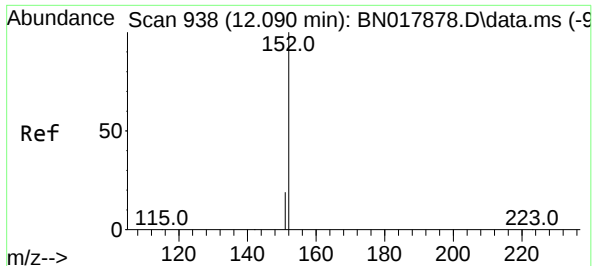
Tgt Ion:136 Resp: 106105
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.1 7.7
68 5.7 4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.122 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

Tgt Ion: 82 Resp: 8457
Ion Ratio Lower Upper
82 100
128 37.5 32.2 48.4
54 50.4 37.6 56.4

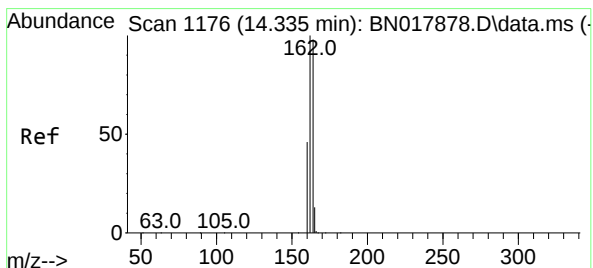
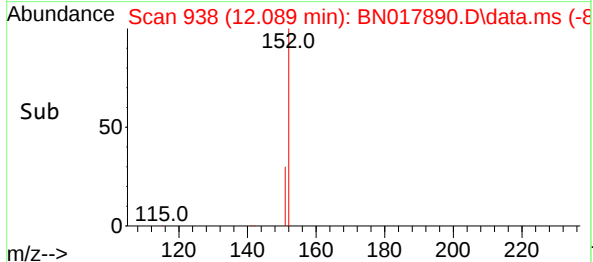
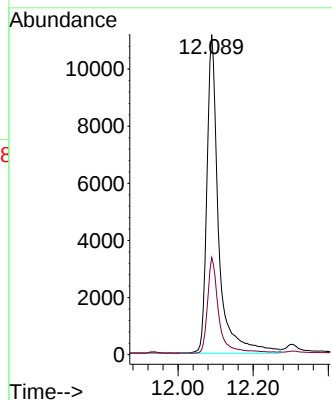
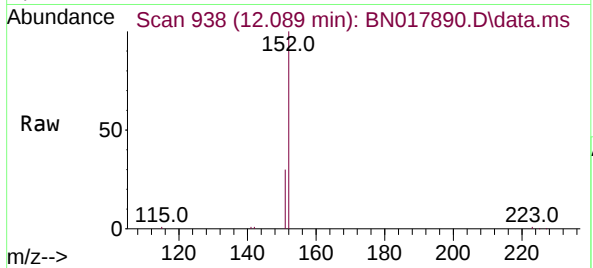




#11
2-Methylnaphthalene-d10
Concen: 0.129 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

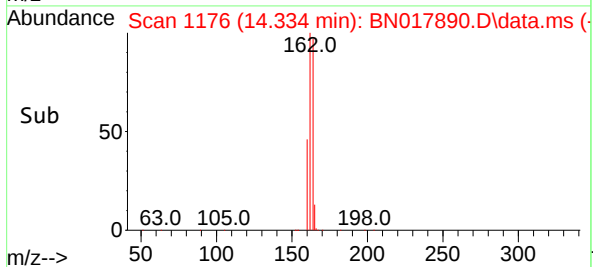
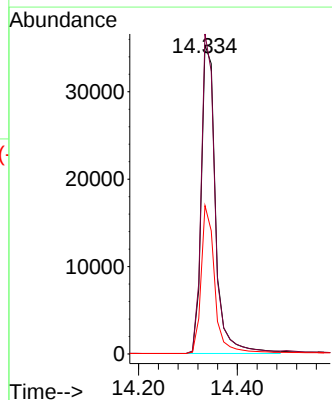
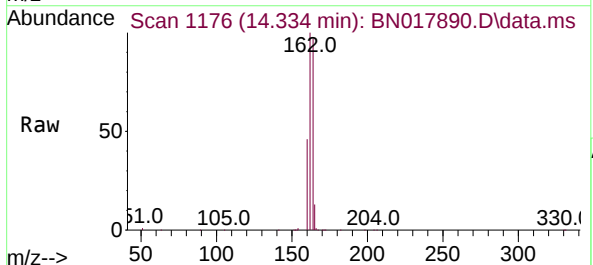
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ClientSampleId :
RE103D1-20211130DL

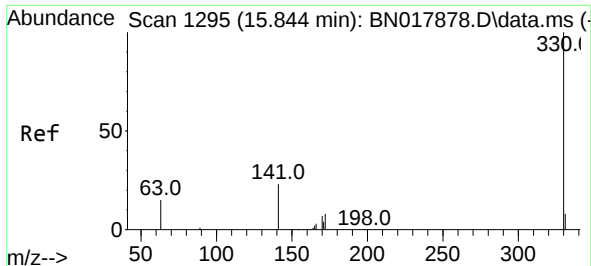
Tgt Ion:152 Resp: 24103
Ion Ratio Lower Upper
152 100
151 28.7 16.4 24.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

Tgt Ion:164 Resp: 71073
Ion Ratio Lower Upper
164 100
162 103.6 82.1 123.1
160 48.0 38.2 57.2

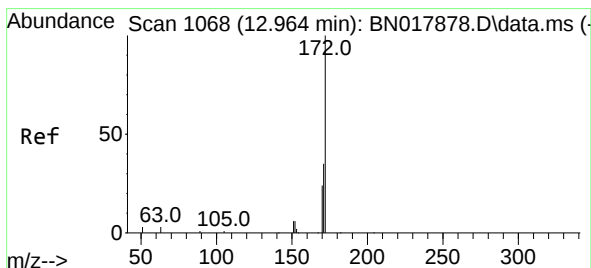
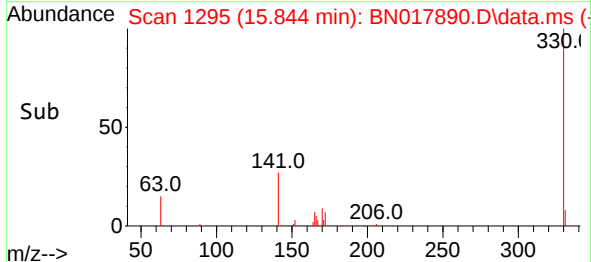
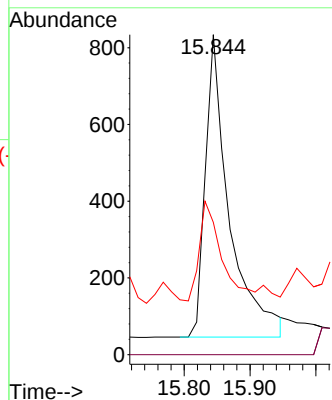
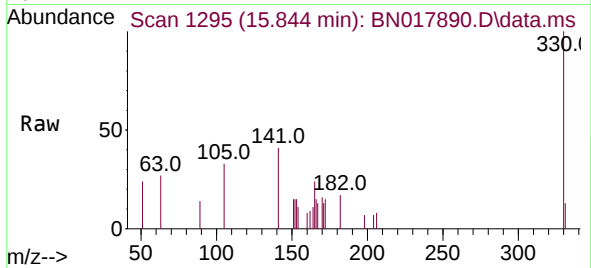




#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

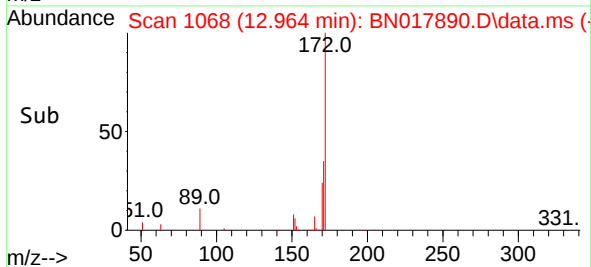
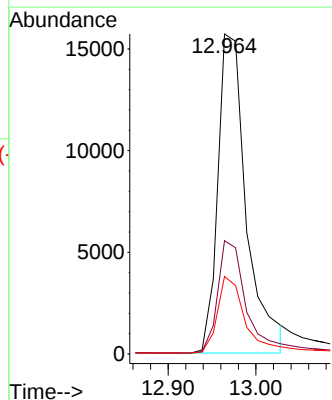
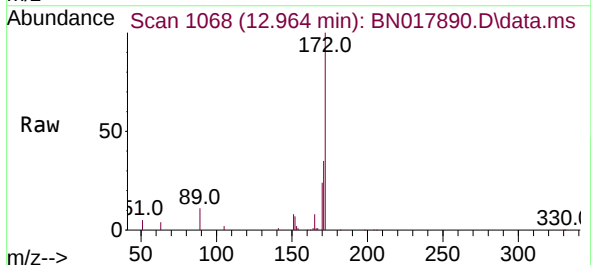
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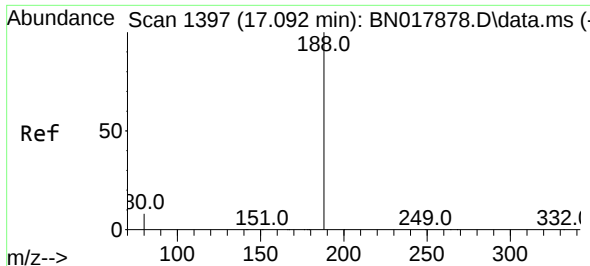
Tgt Ion: 330 Resp: 1984
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.5 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.142 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

Tgt Ion: 172 Resp: 35535
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.2 19.1 28.7

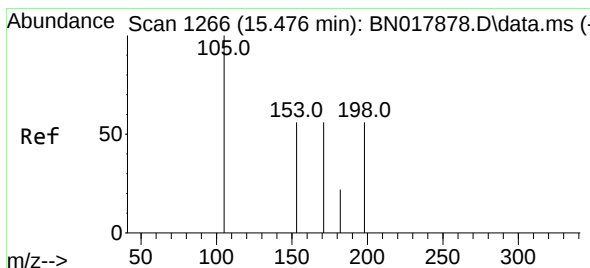
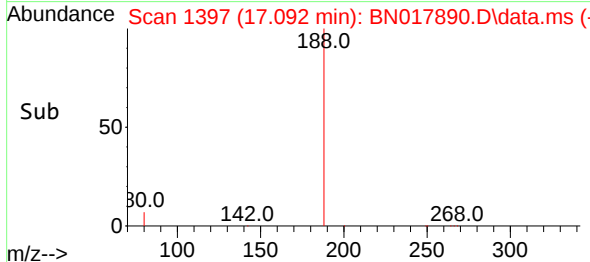
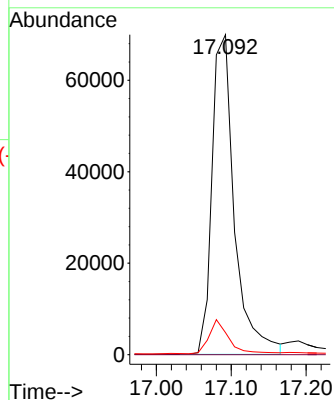
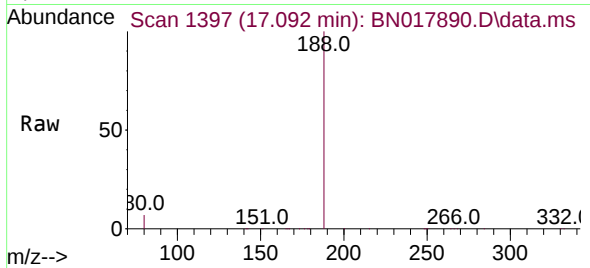




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

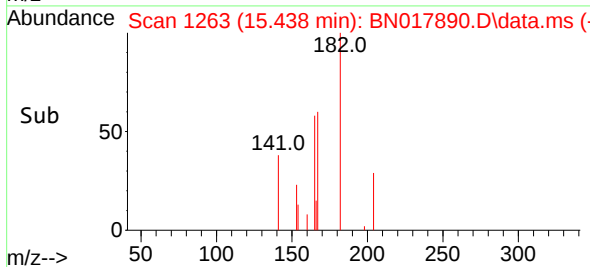
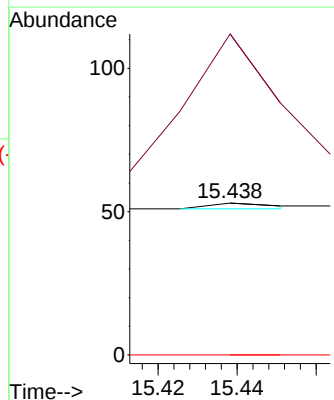
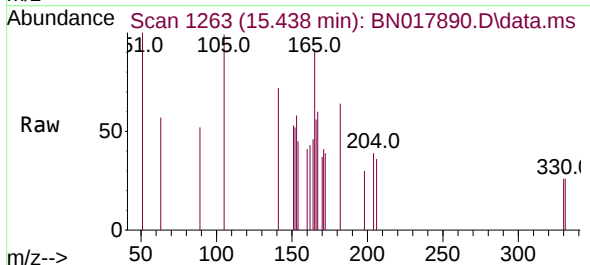
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RE103D1-20211130DL

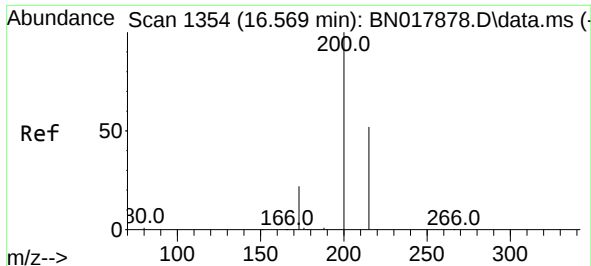
Tgt Ion:188 Resp: 145435
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.438 min Scan# 1263
Delta R.T. -0.038 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

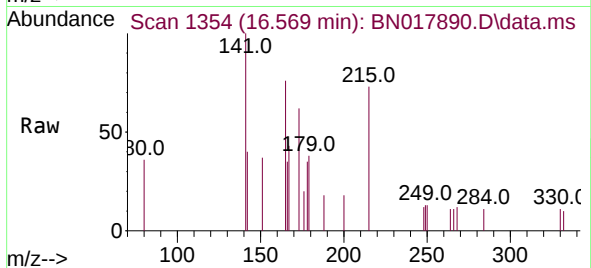
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 211.3 70.8 106.2#
77 0.0 0.0 0.0



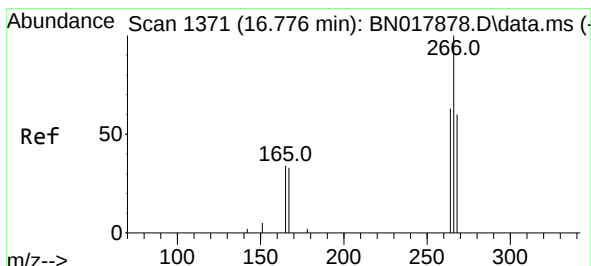
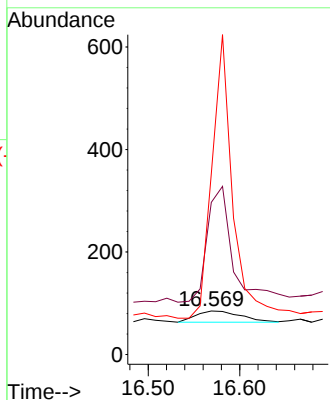
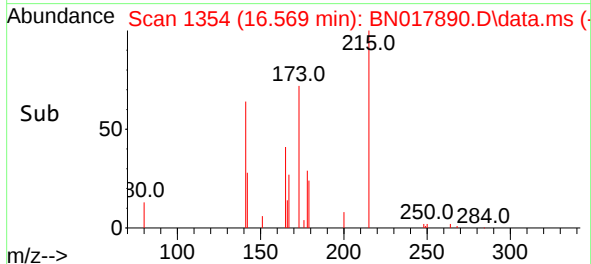


#23
 Atrazine
 Concen: 0.092 ng
 RT: 16.569 min Scan# 1354
 Delta R.T. -0.000 min
 Lab File: BN017890.D
 Acq: 11 Dec 2021 03:18

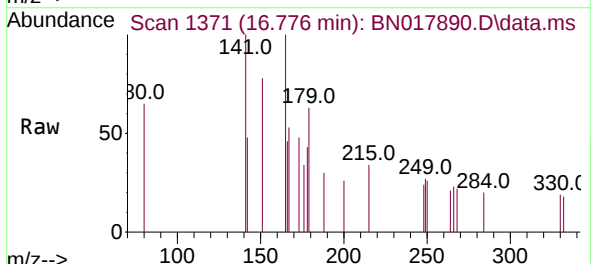
Instrument :
 BNA_N
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 RE103D1-20211130DL



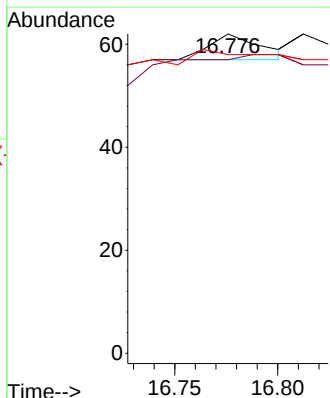
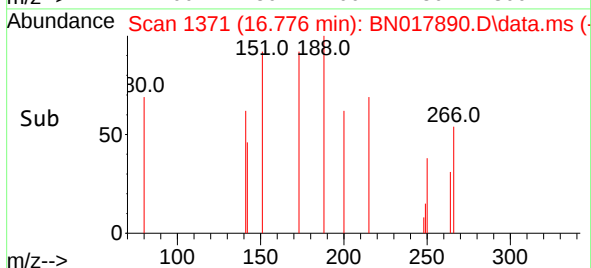
Tgt Ion:200 Resp: 76
 Ion Ratio Lower Upper
 200 100
 173 349.4 18.2 27.2#
 215 415.3 41.8 62.8#

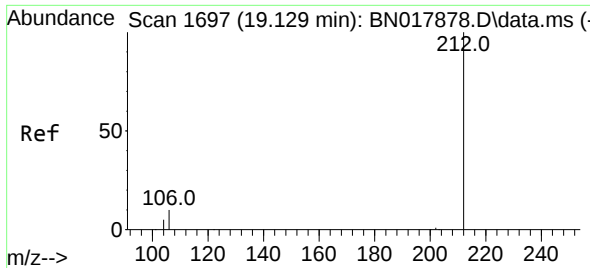


#24
 Pentachlorophenol
 Concen: 0.085 ng
 RT: 16.776 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: BN017890.D
 Acq: 11 Dec 2021 03:18



Tgt Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 466.7 50.6 76.0#
 268 0.0 53.7 80.5#

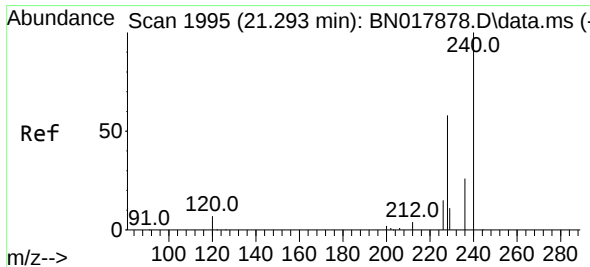
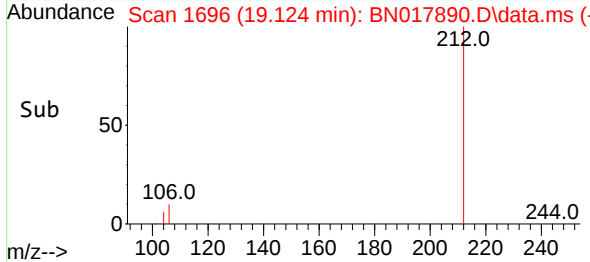
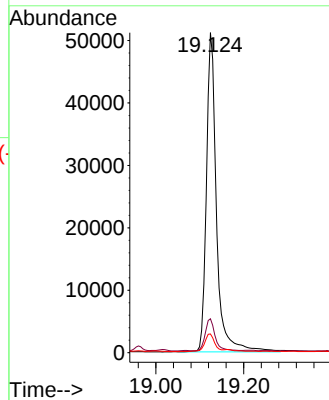
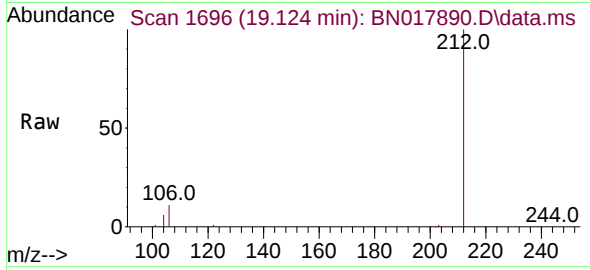




#27
Fluoranthene-d10
Concen: 0.173 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

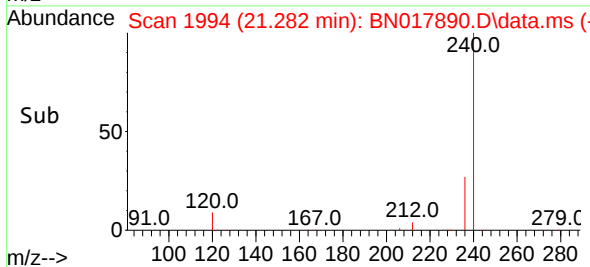
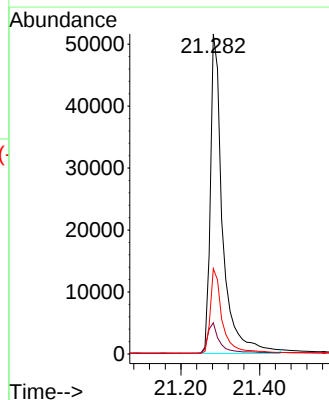
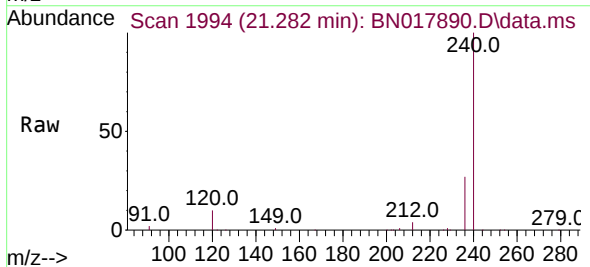
Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL

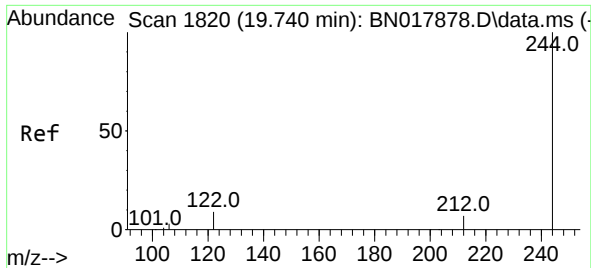
Tgt Ion:212 Resp: 81604
Ion Ratio Lower Upper
212 100
106 9.7 8.3 12.5
104 5.4 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

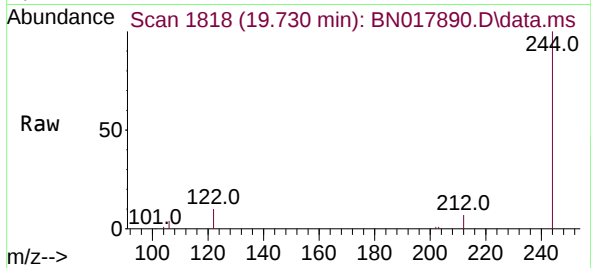
Tgt Ion:240 Resp: 111361
Ion Ratio Lower Upper
240 100
120 9.8 5.8 8.8#
236 26.7 21.0 31.6



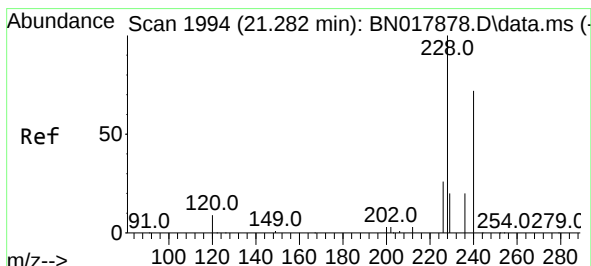
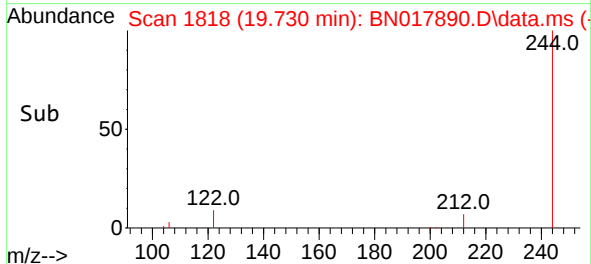
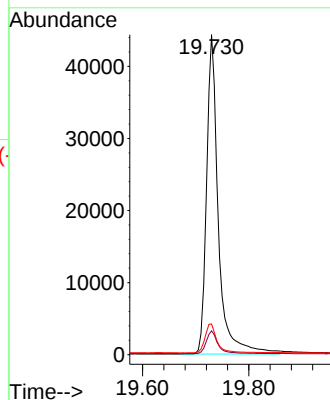


#31
 Terphenyl-d14
 Concen: 0.248 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017890.D
 Acq: 11 Dec 2021 03:18

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20211130DL

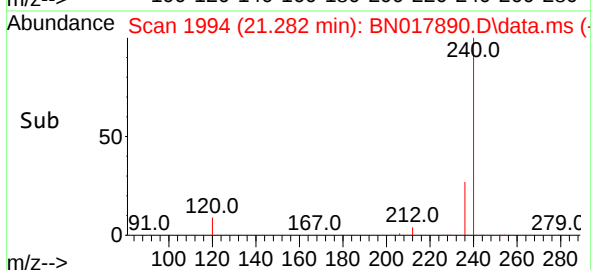
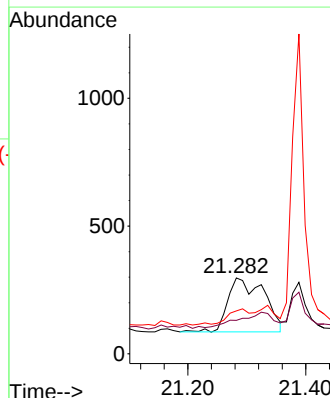
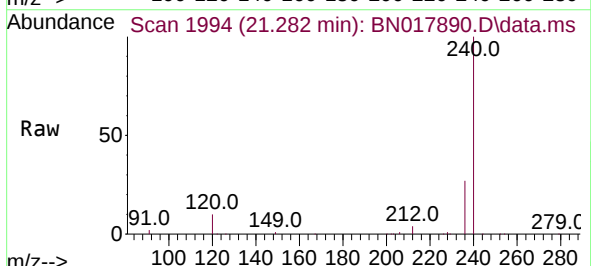


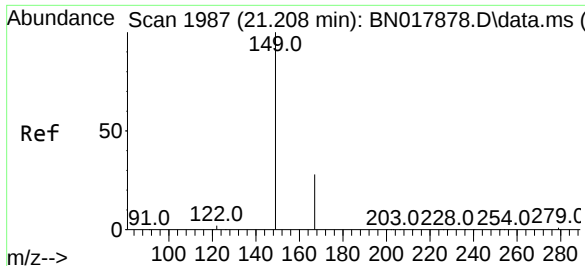
Tgt Ion:244 Resp: 68008
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.6 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.282 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: BN017890.D
 Acq: 11 Dec 2021 03:18

Tgt Ion:228 Resp: 904
 Ion Ratio Lower Upper
 228 100
 226 44.1 21.0 31.4#
 229 56.6 15.8 23.8#

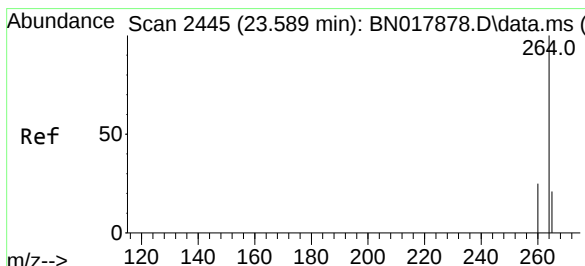
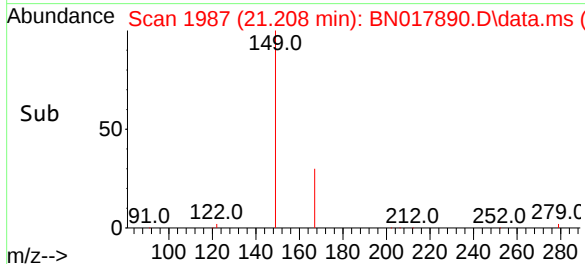
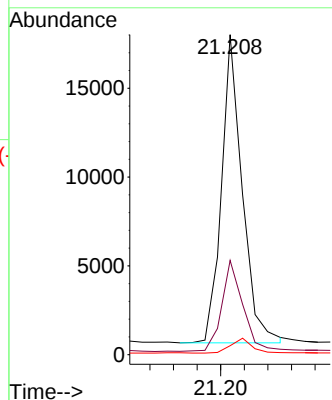
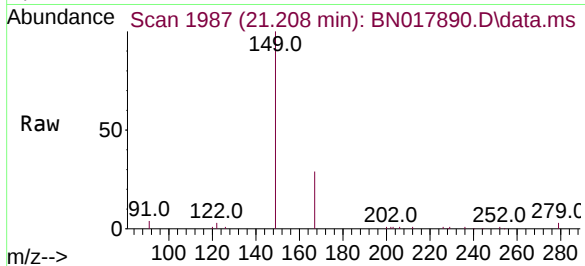




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.177 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

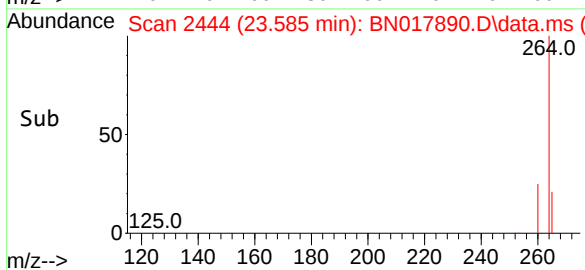
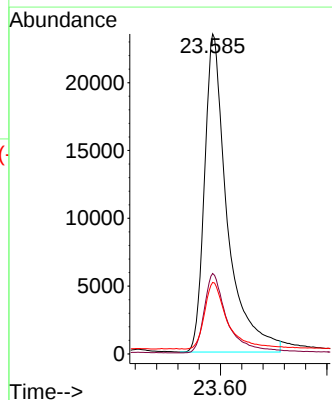
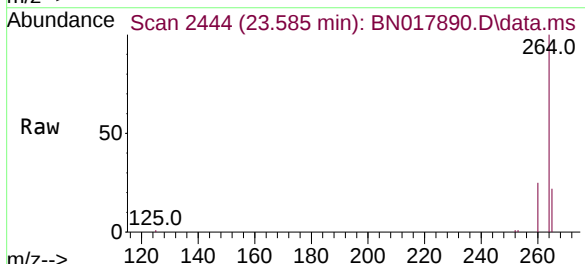
Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL

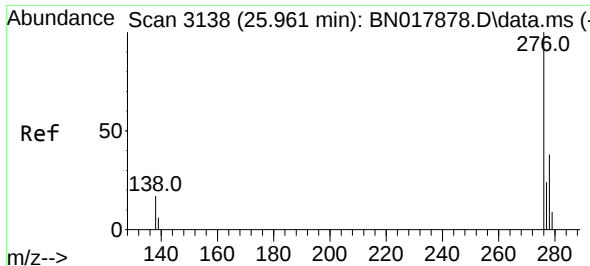
Tgt Ion:149 Resp: 21167
Ion Ratio Lower Upper
149 100
167 30.1 23.4 35.0
279 4.8 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.585 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

Tgt Ion:264 Resp: 69839
Ion Ratio Lower Upper
264 100
260 25.2 20.2 30.4
265 22.3 18.2 27.4

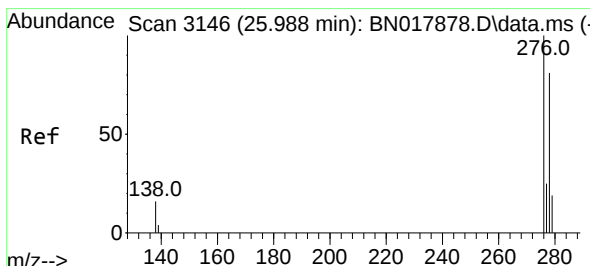
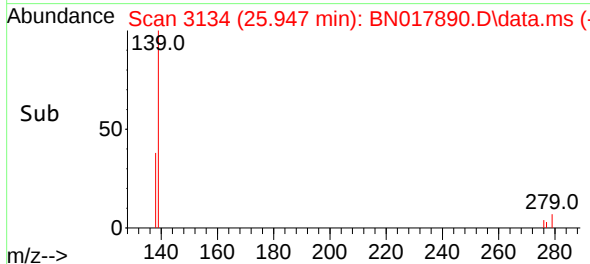
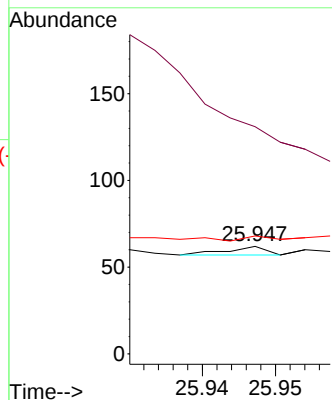
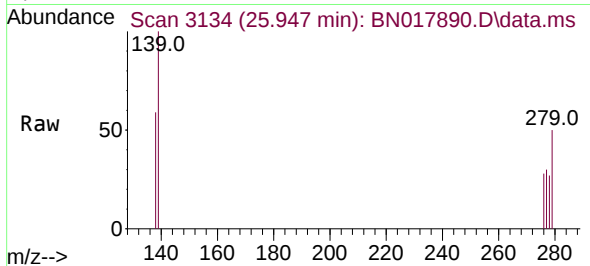




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.947 min Scan# 3138
 Delta R.T. -0.014 min
 Lab File: BN017890.D
 Acq: 11 Dec 2021 03:18

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20211130DL

Tgt Ion:276 Resp: 2
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 150.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.981 min Scan# 3144
 Delta R.T. -0.007 min
 Lab File: BN017890.D
 Acq: 11 Dec 2021 03:18

Tgt Ion:278 Resp: 3
 Ion Ratio Lower Upper
 278 100
 139 207.9 12.0 18.0#
 279 173.0 20.8 31.2#

