

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017905.D
 Acq On : 11 Dec 2021 14:08
 Operator : CG/JU
 Sample : M4923-15DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20211201DL

Quant Time: Dec 11 21:30:27 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)

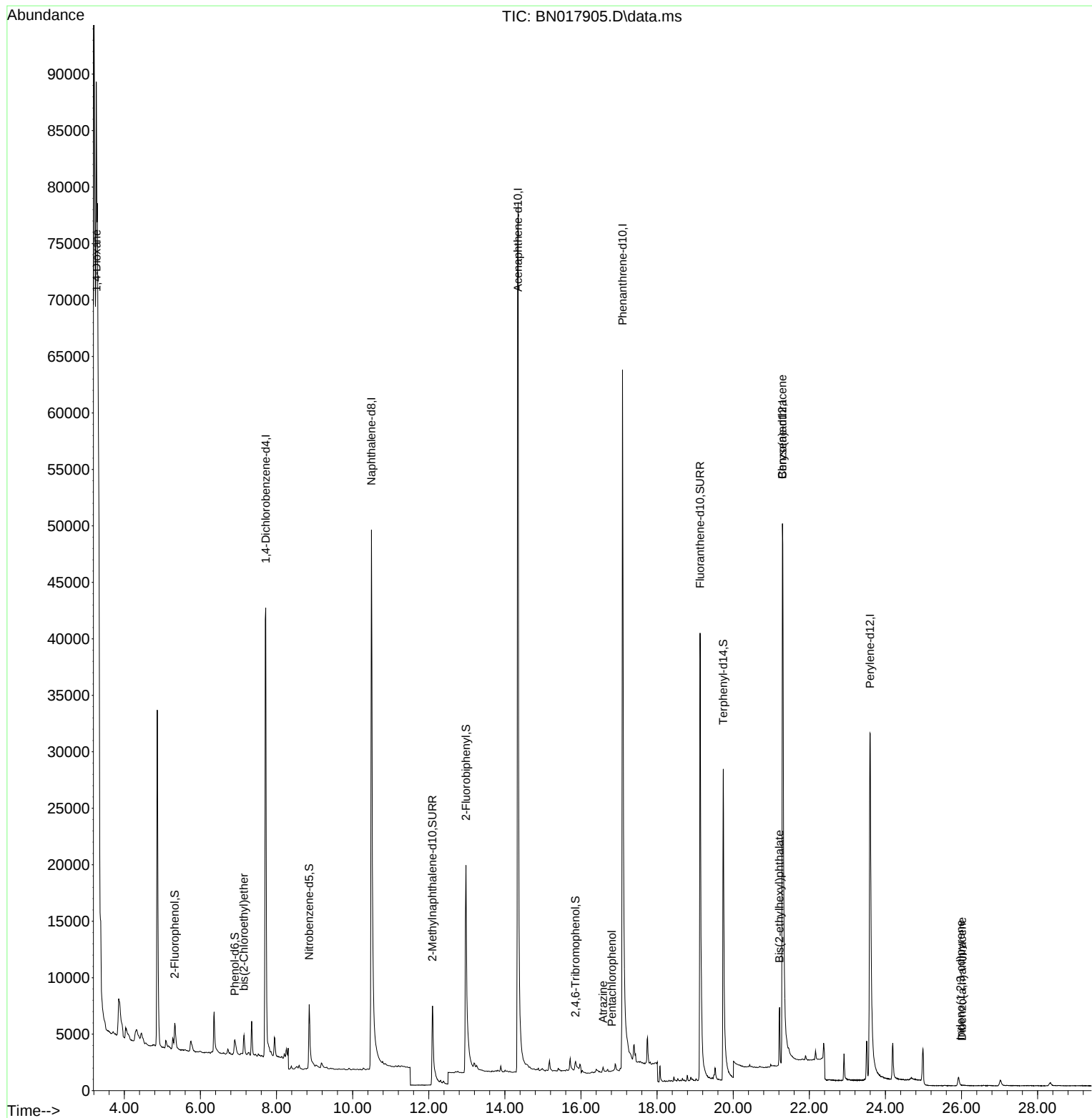
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	26514	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	98675	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	67764	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	138868	0.400	ng	0.00
29) Chrysene-d12	21.293	240	94443	0.400	ng	# 0.00
35) Perylene-d12	23.596	264	67209	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.326	112	2952	0.054	ng	0.00
5) Phenol-d6	6.903	99	1465	0.027	ng	0.00
8) Nitrobenzene-d5	8.859	82	7539	0.117	ng	0.00
11) 2-Methylnaphthalene-d10	12.098	152	19102	0.110	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	1310	0.368	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	27390	0.115	ng	0.01
27) Fluoranthene-d10	19.129	212	74171	0.165	ng	0.00
31) Terphenyl-d14	19.740	244	54004	0.232	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	36352	4.518	ng	94
6) bis(2-Chloroethyl)ether	7.143	93	1677	0.025	ng	98
20) 4,6-Dinitro-2-methylph...	15.451	198	2	Below Cal	#	45
23) Atrazine	16.581	200	40	0.092	ng	# 1
24) Pentachlorophenol	16.812	266	6	0.084	ng	# 17
32) Benzo(a)anthracene	21.293	228	652	0.052	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.219	149	5812	0.057	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.975	276	2	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	26.012	278	1	0.101	ng	# 1

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

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT101D1-20211201DL

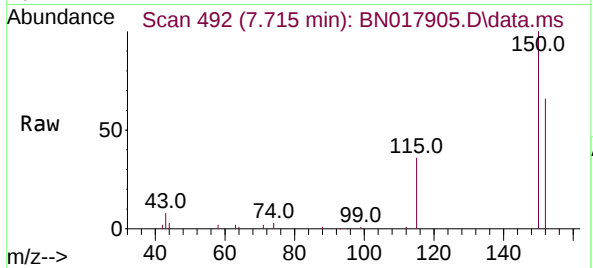
Quant Time: Dec 11 21:30:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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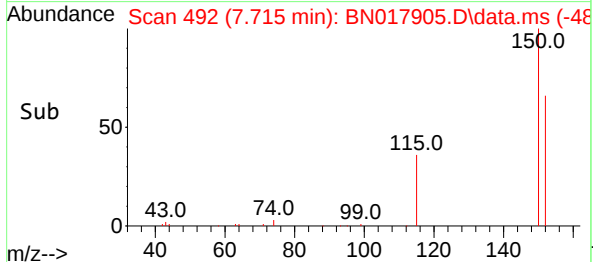
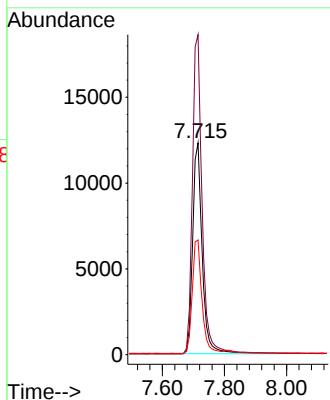


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017905.D
 Acq: 11 Dec 2021 14:08

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20211201DL

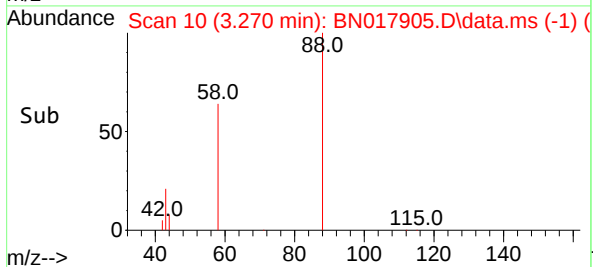
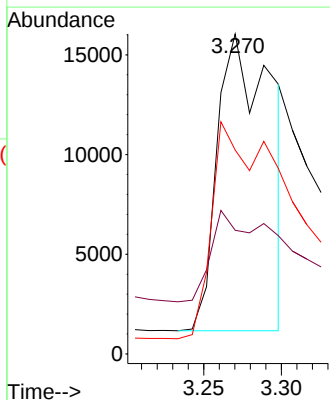
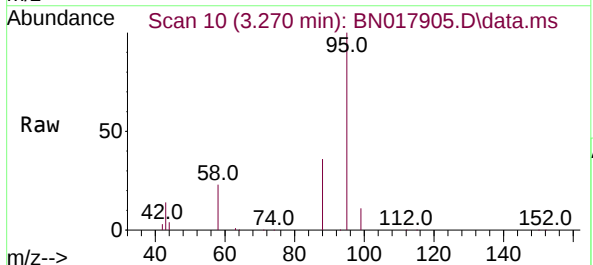


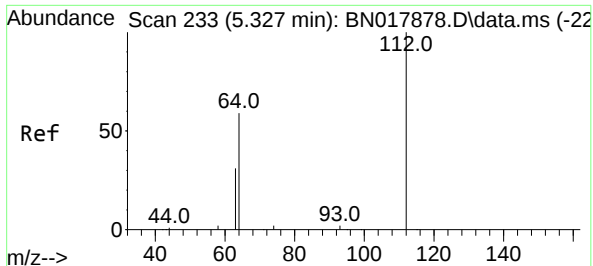
Tgt Ion:152 Resp: 26514
 Ion Ratio Lower Upper
 152 100
 150 151.0 121.9 182.9
 115 54.1 44.1 66.1



#2
 1,4-Dioxane
 Concen: 4.518 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017905.D
 Acq: 11 Dec 2021 14:08

Tgt Ion: 88 Resp: 36352
 Ion Ratio Lower Upper
 88 100
 43 31.3 28.0 42.0
 58 77.1 65.4 98.0

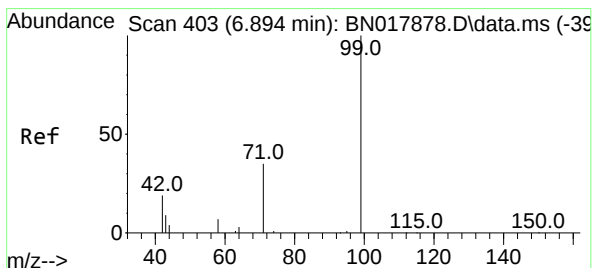
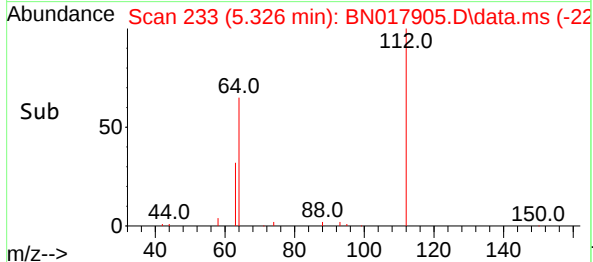
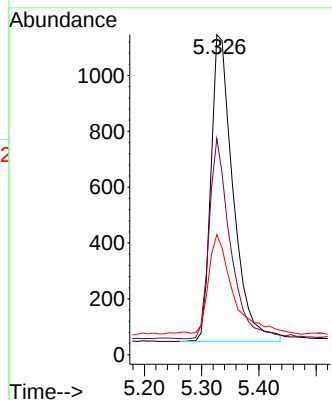
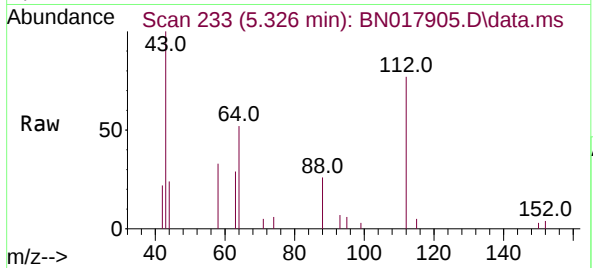




#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.326 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

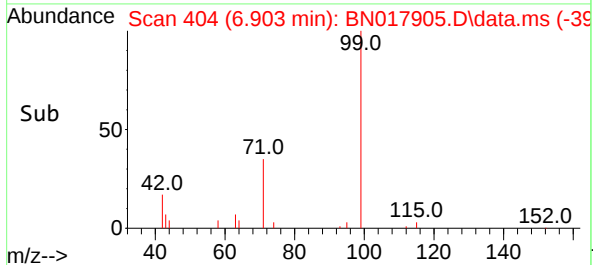
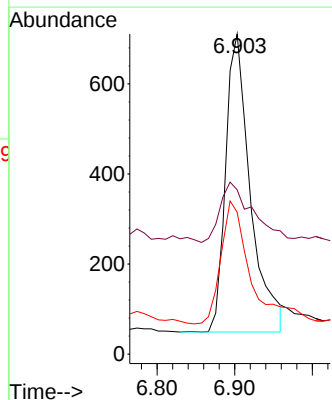
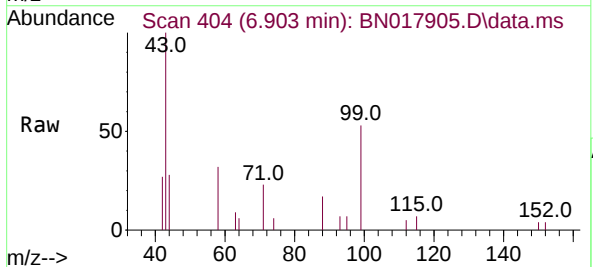
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ClientSampleId :
TT101D1-20211201DL

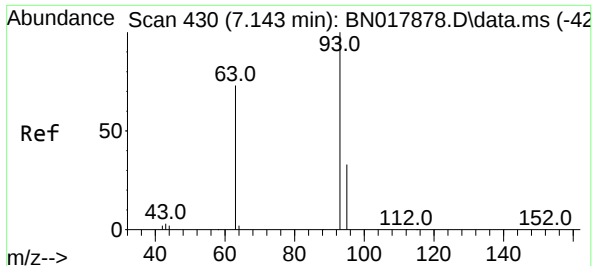
Tgt Ion:112 Resp: 2952
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.4
63 33.9 26.2 39.2



#5
Phenol-d6
Concen: 0.027 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

Tgt Ion: 99 Resp: 1465
Ion Ratio Lower Upper
99 100
42 26.4 17.0 25.4#
71 46.1 28.0 42.0#

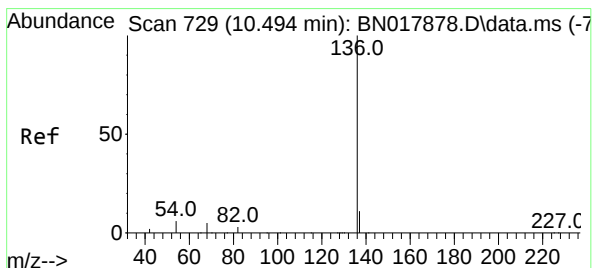
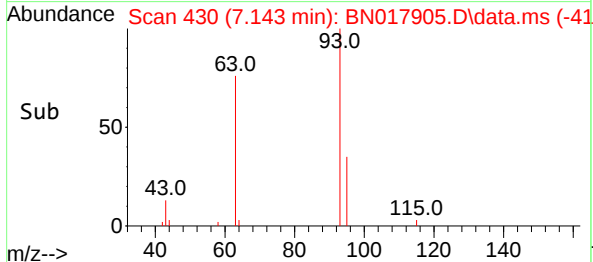
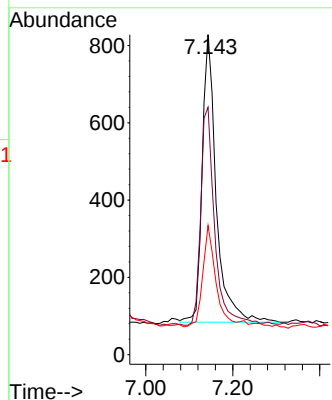
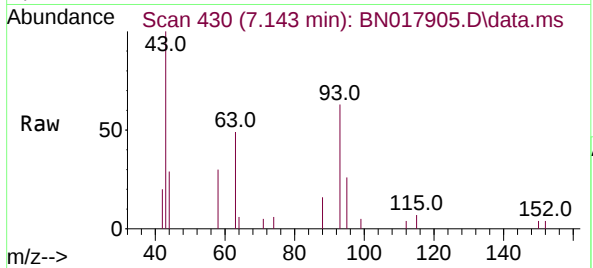




#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

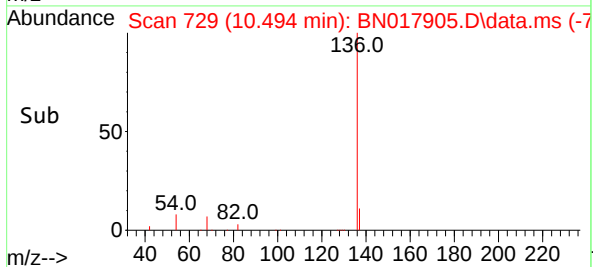
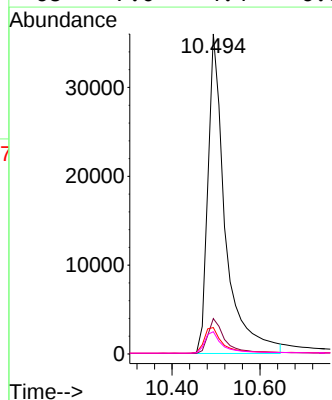
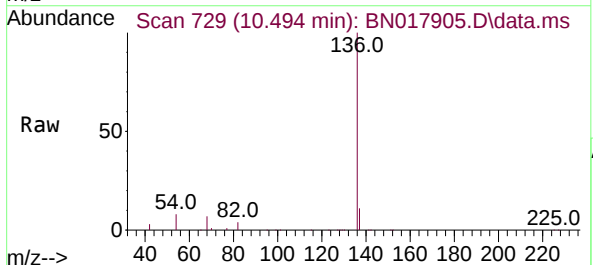
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BNA_N
ClientSampleId :
TT101D1-20211201DL

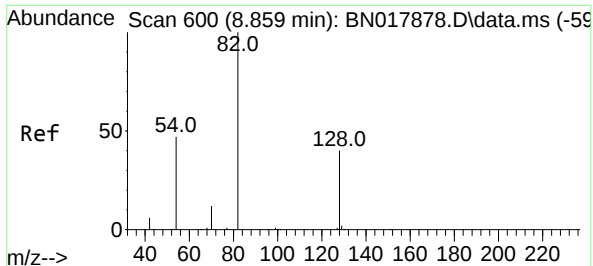
Tgt Ion: 93 Resp: 1677
Ion Ratio Lower Upper
93 100
63 76.1 62.0 93.0
95 33.6 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

Tgt Ion: 136 Resp: 98675
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.2 5.1 7.7#
68 7.0 4.4 6.6#

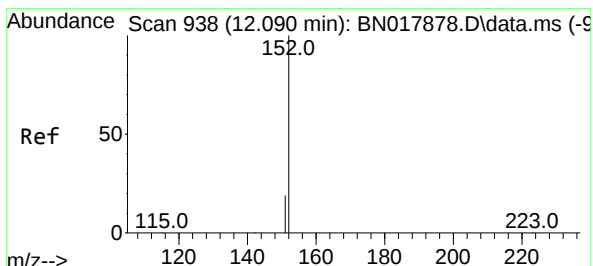
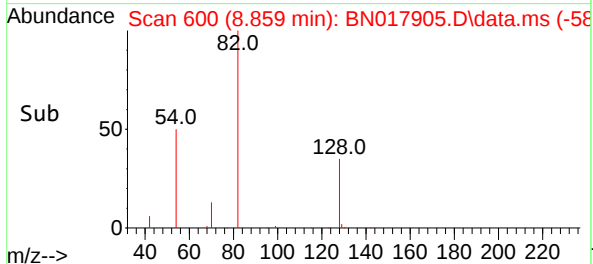
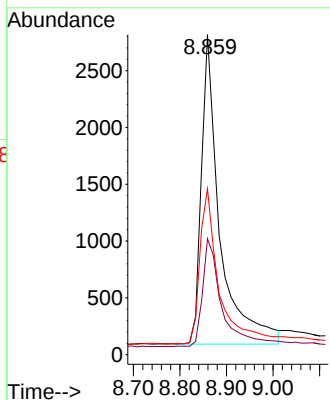
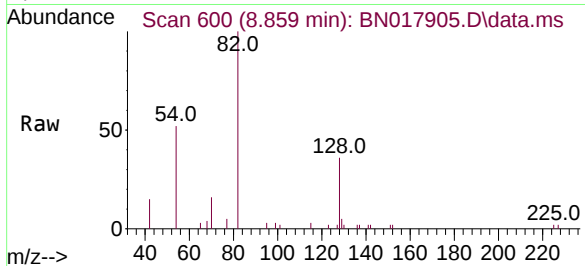




#8
Nitrobenzene-d5
Concen: 0.117 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

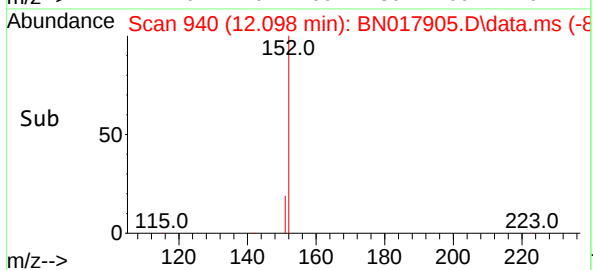
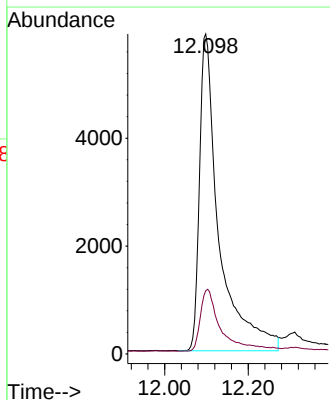
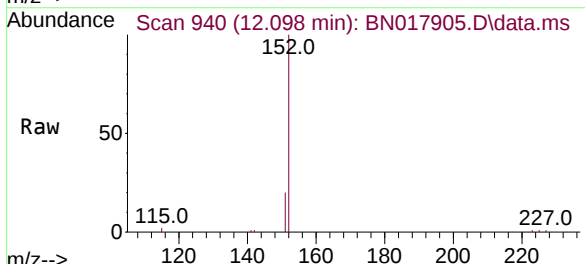
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ClientSampleId :
TT101D1-20211201DL

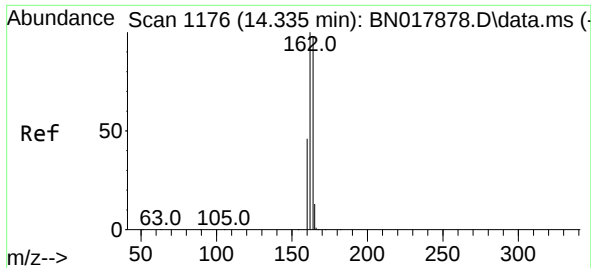
Tgt Ion: 82 Resp: 7539
Ion Ratio Lower Upper
82 100
128 36.2 32.2 48.4
54 51.8 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.110 ng
RT: 12.098 min Scan# 940
Delta R.T. 0.009 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

Tgt Ion: 152 Resp: 19102
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6

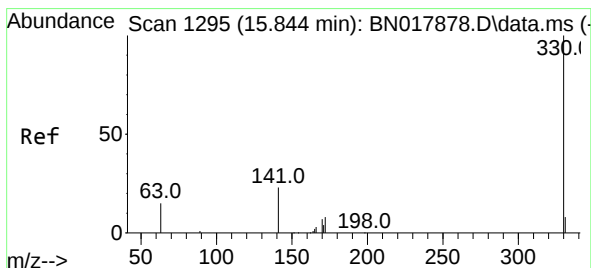
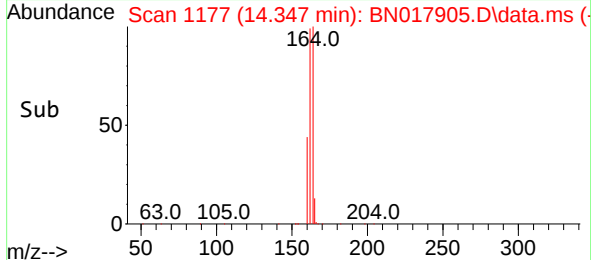
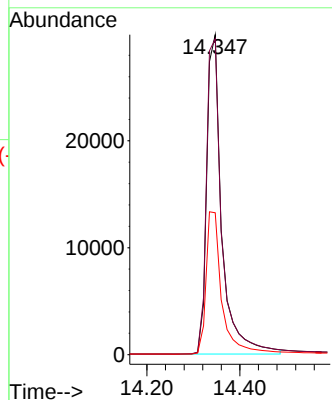
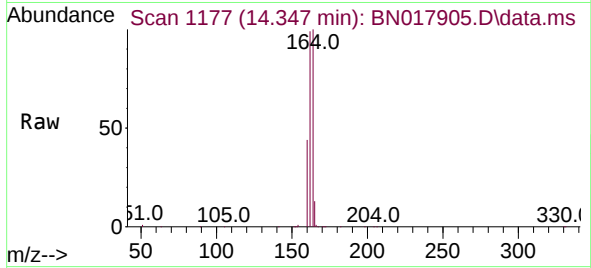




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. 0.013 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

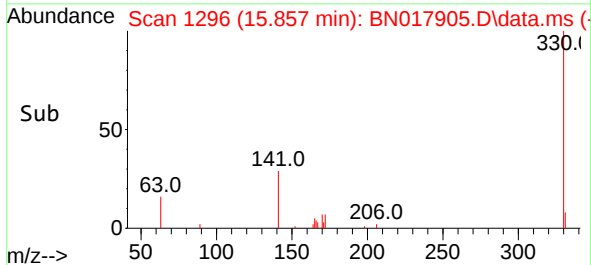
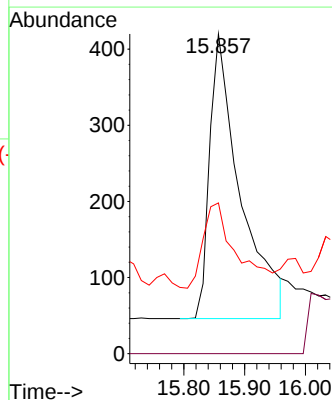
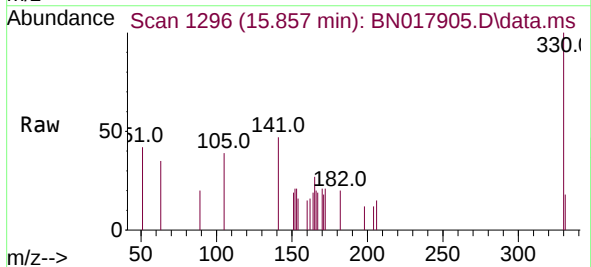
Instrument :
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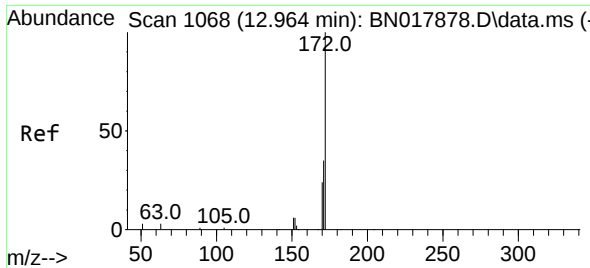
Tgt Ion:164 Resp: 67764
Ion Ratio Lower Upper
164 100
162 98.7 82.1 123.1
160 44.3 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.857 min Scan# 1296
Delta R.T. 0.013 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

Tgt Ion:330 Resp: 1310
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.3 19.7 29.5#

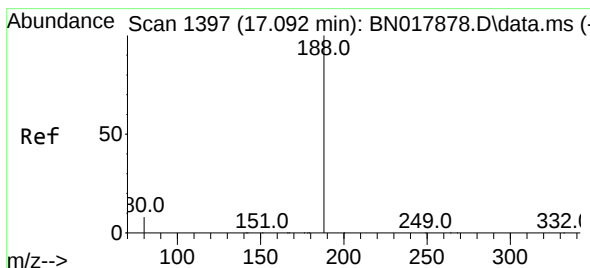
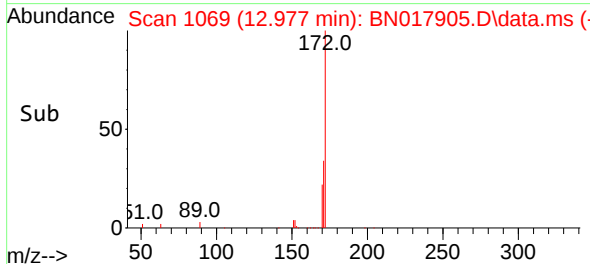
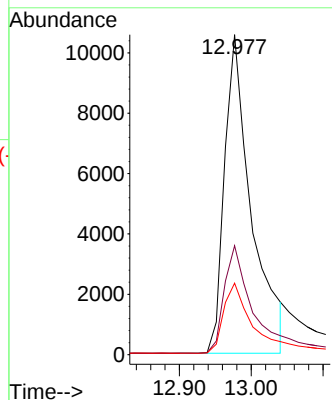
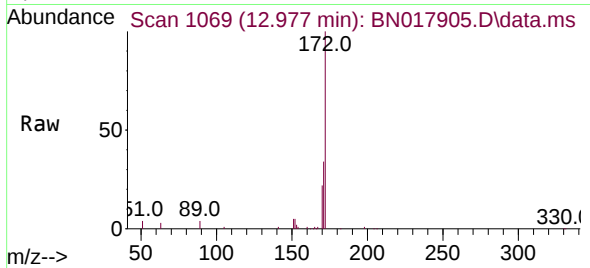




#15
2-Fluorobiphenyl
Concen: 0.115 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

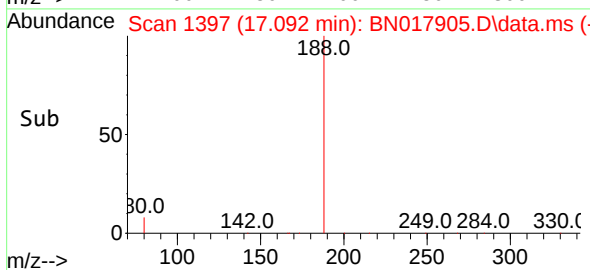
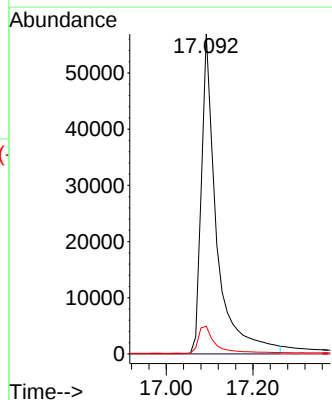
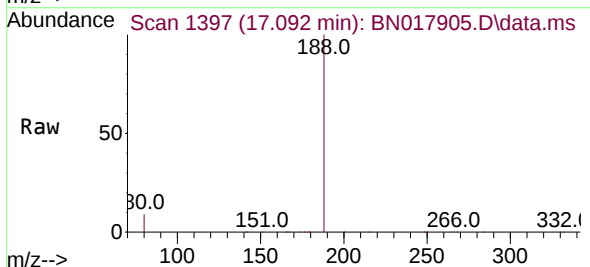
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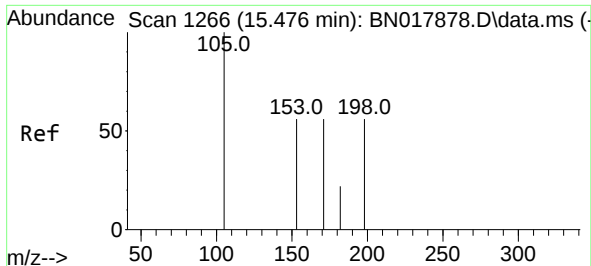
Tgt Ion:172 Resp: 27390
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 22.4 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

Tgt Ion:188 Resp: 138868
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 6.2 9.2

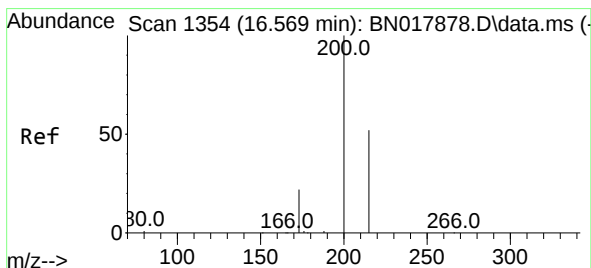
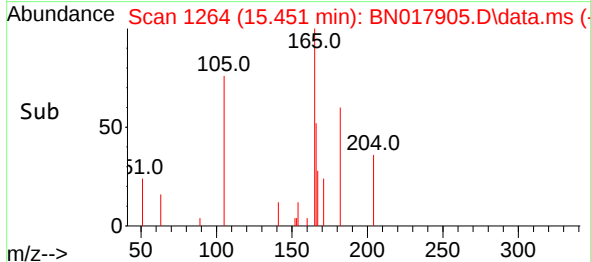
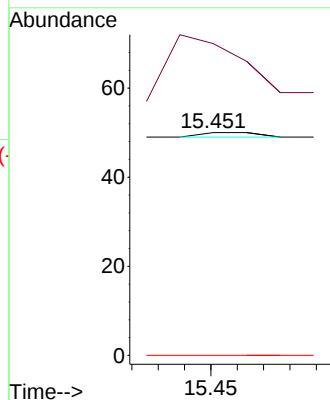
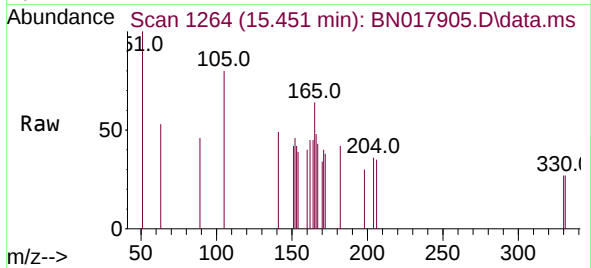




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

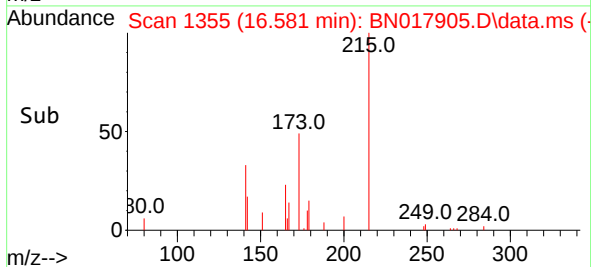
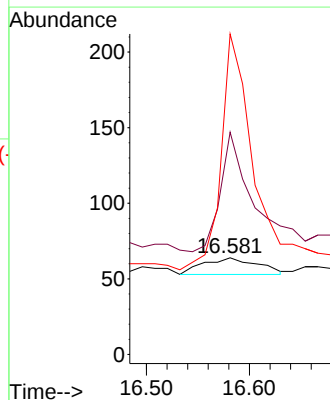
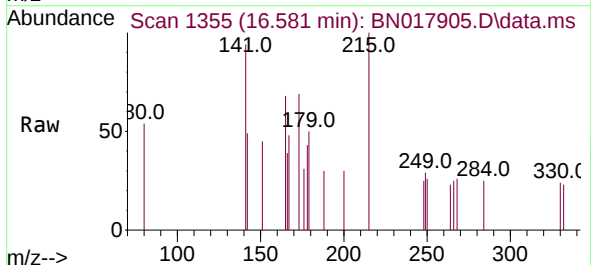
Instrument :
BNA_N
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TT101D1-20211201DL

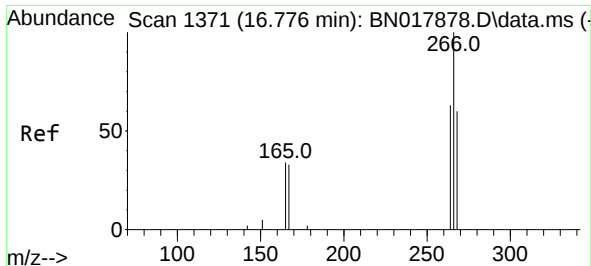
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 140.0 70.8 106.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.092 ng
RT: 16.581 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

Tgt Ion:200 Resp: 40
Ion Ratio Lower Upper
200 100
173 229.7 18.2 27.2#
215 331.3 41.8 62.8#

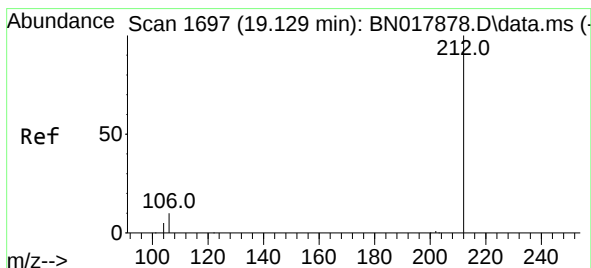
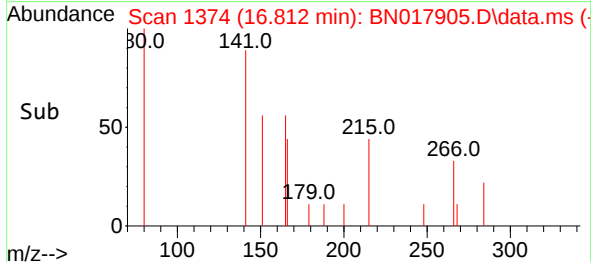
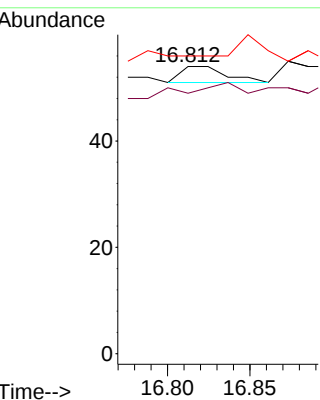
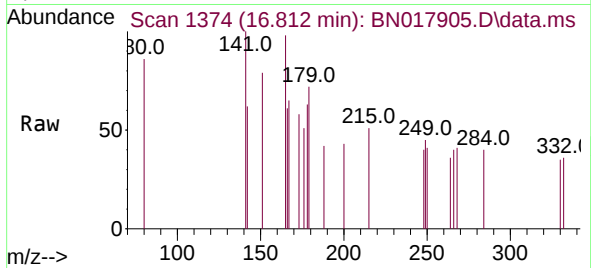




#24
 Pentachlorophenol
 Concen: 0.084 ng
 RT: 16.812 min Scan# 1374
 Delta R.T. 0.036 min
 Lab File: BN017905.D
 Acq: 11 Dec 2021 14:08

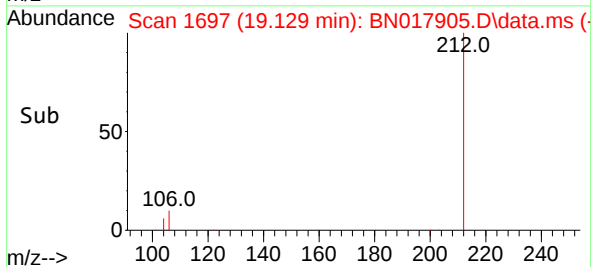
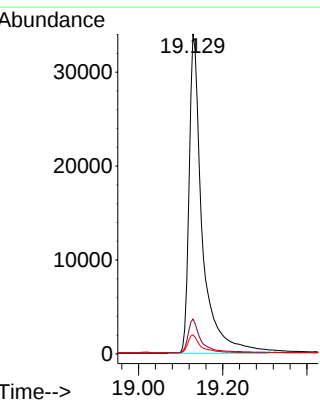
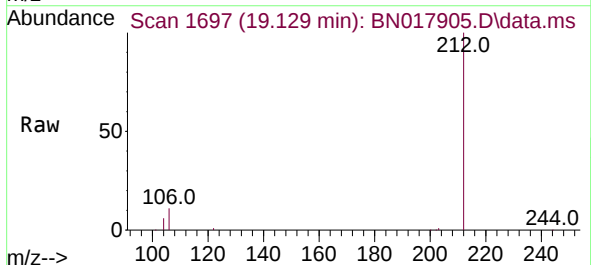
Instrument :
 BNA_N
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 TT101D1-20211201DL

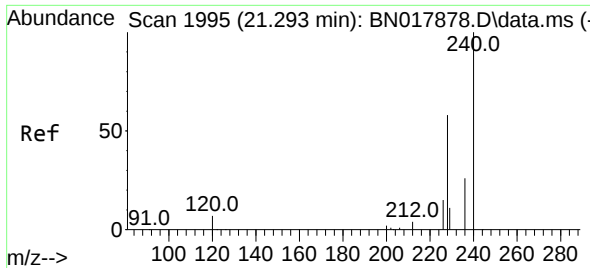
Tgt Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 0.0 53.7 80.5#



#27
 Fluoranthene-d10
 Concen: 0.165 ng
 RT: 19.129 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: BN017905.D
 Acq: 11 Dec 2021 14:08

Tgt Ion:212 Resp: 74171
 Ion Ratio Lower Upper
 212 100
 106 10.3 8.3 12.5
 104 5.9 4.6 6.8

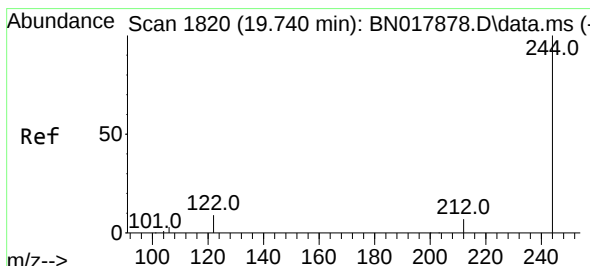
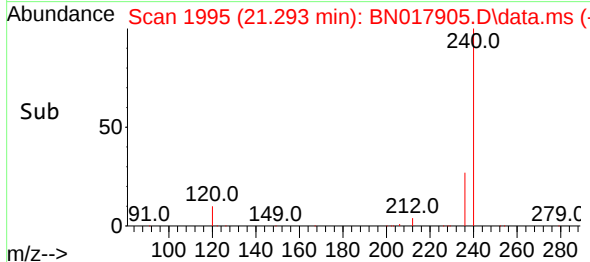
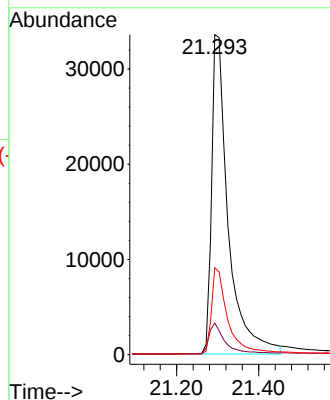
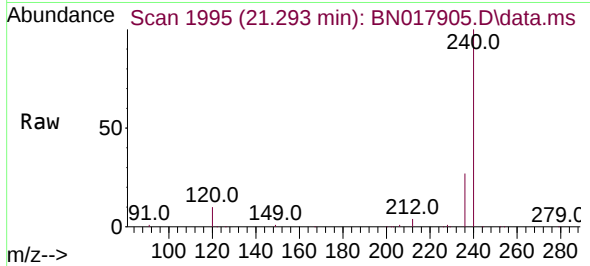




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

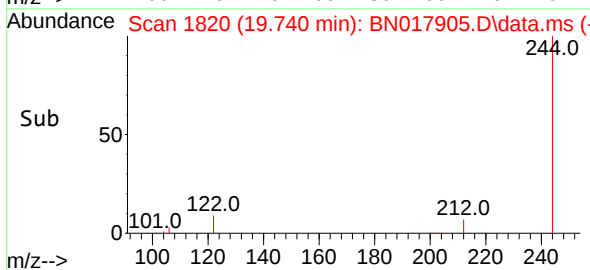
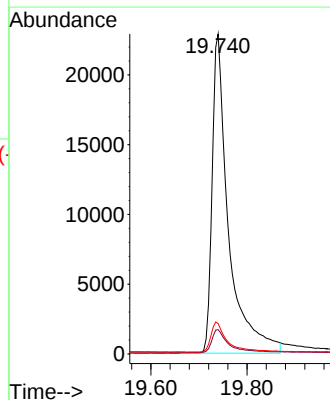
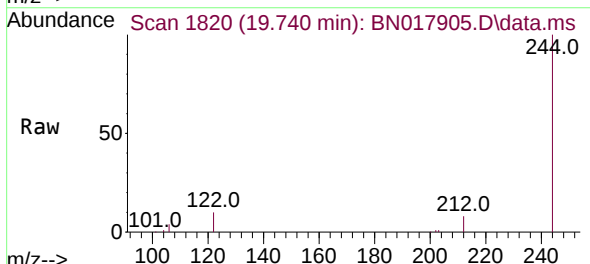
Instrument :
BNA_N
ClientSampleId :
TT101D1-20211201DL

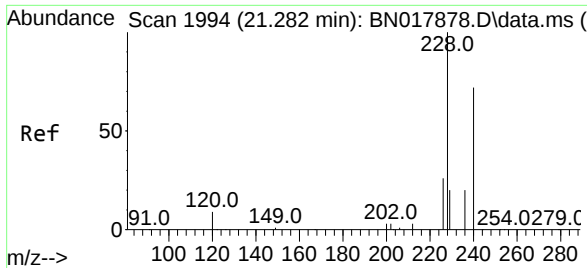
Tgt Ion:240 Resp: 94443
Ion Ratio Lower Upper
240 100
120 9.9 5.8 8.8#
236 27.2 21.0 31.6



#31
Terphenyl-d14
Concen: 0.232 ng
RT: 19.740 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

Tgt Ion:244 Resp: 54004
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.5 7.5 11.3

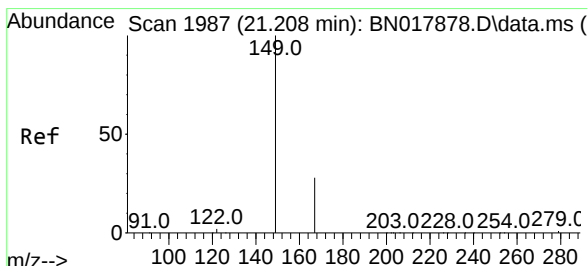
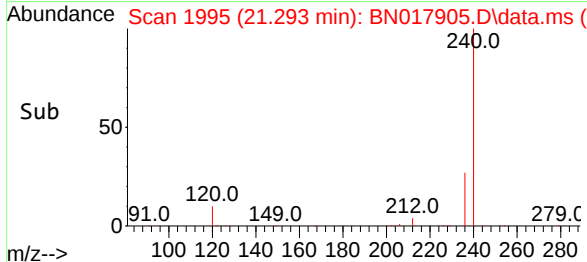
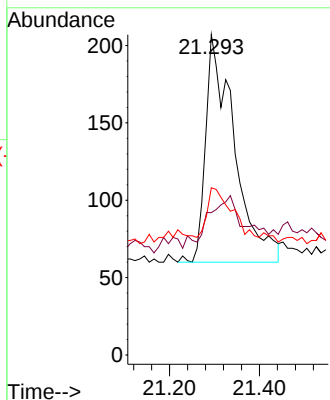
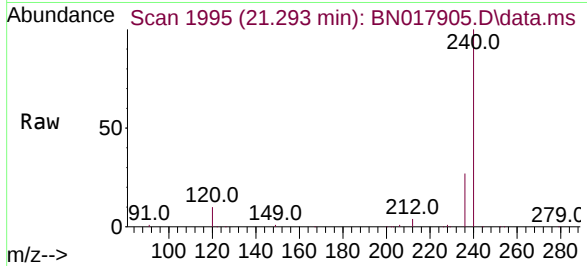




#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.293 min Scan# 1994
 Delta R.T. 0.011 min
 Lab File: BN017905.D
 Acq: 11 Dec 2021 14:08

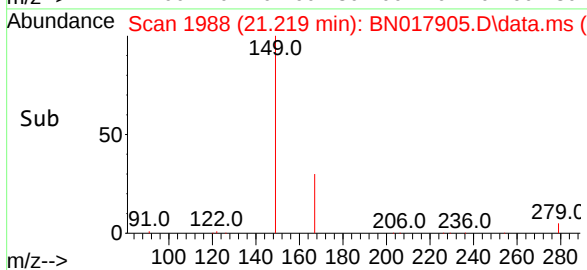
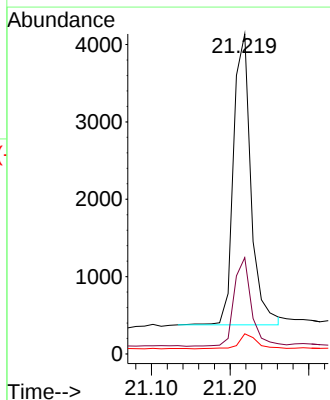
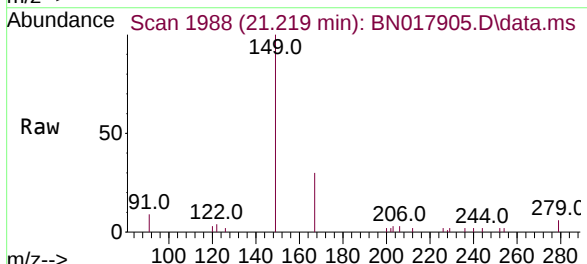
Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20211201DL

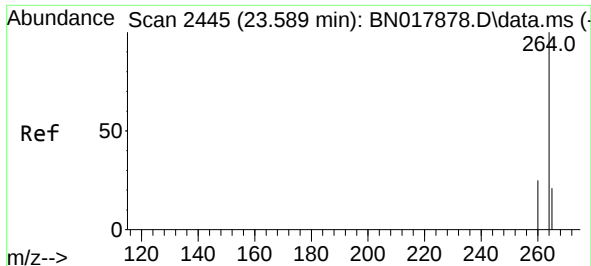
Tgt Ion:228 Resp: 652
 Ion Ratio Lower Upper
 228 100
 226 44.4 21.0 31.4#
 229 52.2 15.8 23.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 21.219 min Scan# 1988
 Delta R.T. 0.011 min
 Lab File: BN017905.D
 Acq: 11 Dec 2021 14:08

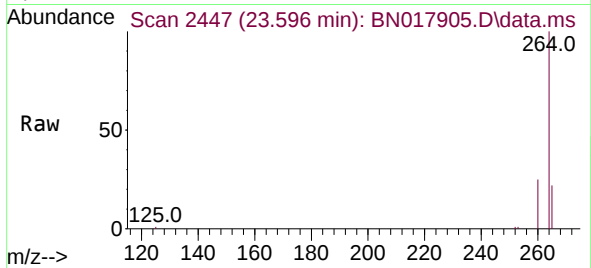
Tgt Ion:149 Resp: 5812
 Ion Ratio Lower Upper
 149 100
 167 30.1 23.4 35.0
 279 5.4 3.6 5.4#



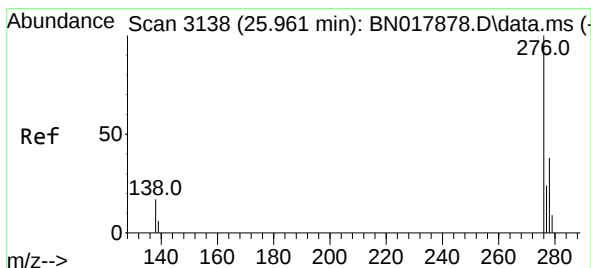
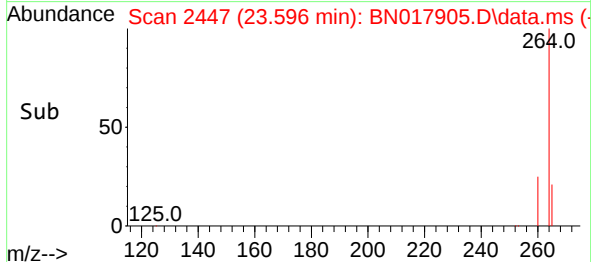
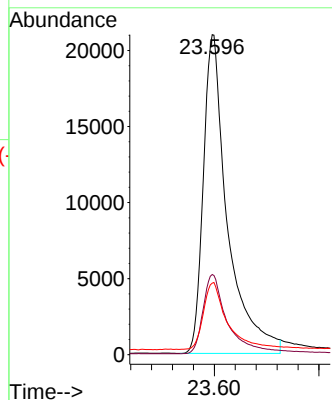


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.596 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

Instrument :
BNA_N
ClientSampleId :
TT101D1-20211201DL

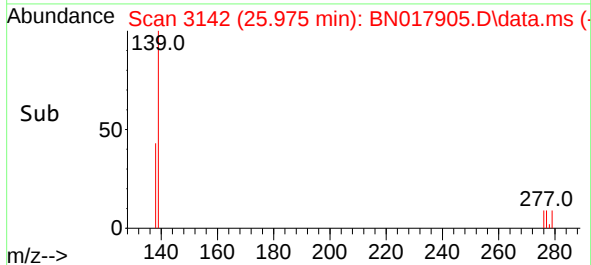
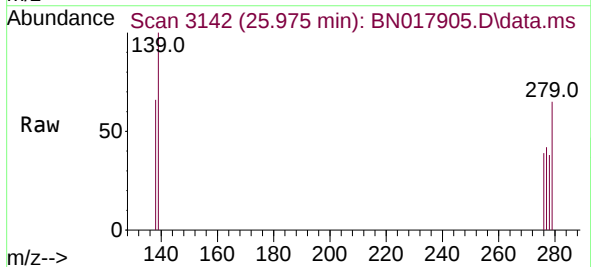
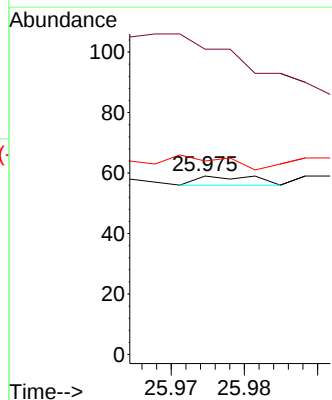


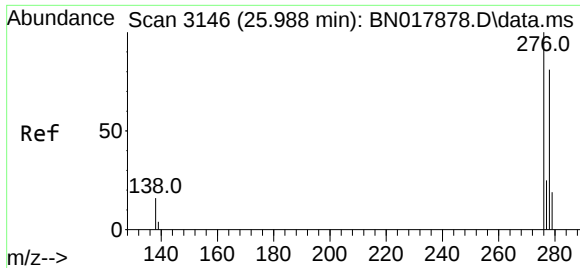
Tgt Ion:264 Resp: 67209
Ion Ratio Lower Upper
264 100
260 25.1 20.2 30.4
265 22.3 18.2 27.4



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.975 min Scan# 3142
Delta R.T. 0.014 min
Lab File: BN017905.D
Acq: 11 Dec 2021 14:08

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: 26.012 min Scan# 31

Delta R.T. 0.024 min

Lab File: BN017905.D

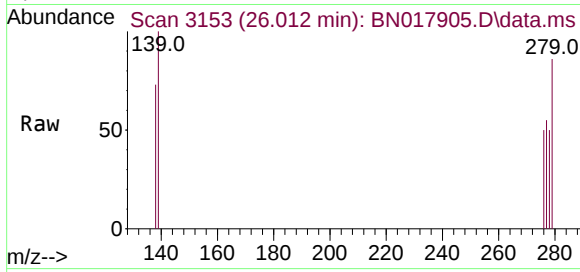
Acq: 11 Dec 2021 14:08

Instrument :

BNA_N

ClientSampleId :

TT101D1-20211201DL



Tgt Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 198.3 12.0 18.0#

279 170.0 20.8 31.2#

