

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017906.D
 Acq On : 11 Dec 2021 14:45
 Operator : CG/JU
 Sample : M4923-14DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20211201DL

Quant Time: Dec 11 21:30:35 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)

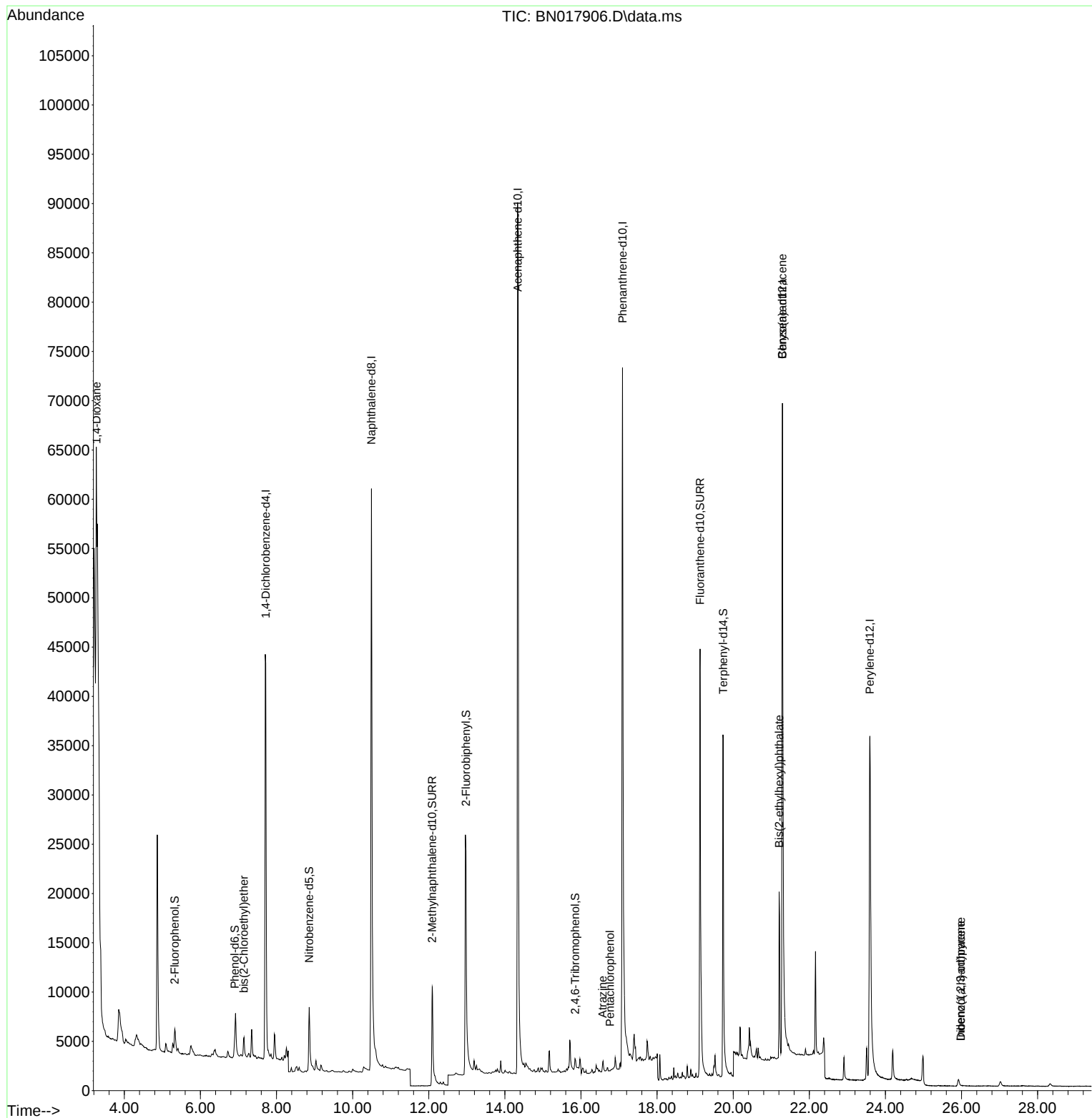
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	26800	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	103503	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	70222	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	144414	0.400	ng	0.00
29) Chrysene-d12	21.293	240	103861	0.400	ng	0.00
35) Perylene-d12	23.589	264	72636	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	3197	0.058	ng	0.00
5) Phenol-d6	6.903	99	1797	0.033	ng	0.00
8) Nitrobenzene-d5	8.859	82	8027	0.119	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	21224	0.117	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1533	0.373	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	31534	0.128	ng	0.01
27) Fluoranthene-d10	19.129	212	70370	0.150	ng	0.00
31) Terphenyl-d14	19.735	244	53955	0.211	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	34866	4.287	ng	93
6) bis(2-Chloroethyl)ether	7.143	93	1829	0.027	ng	98
20) 4,6-Dinitro-2-methylph...	15.464	198	2	Below Cal	#	59
23) Atrazine	16.569	200	77	0.092	ng	# 1
24) Pentachlorophenol	16.764	266	6	0.084	ng	# 17
32) Benzo(a)anthracene	21.293	228	844	0.052	ng	# 33
34) Bis(2-ethylhexyl)phtha...	21.208	149	18314	0.164	ng	100
36) Indeno(1,2,3-cd)pyrene	25.975	276	4	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.982	278	2	0.101	ng	# 1

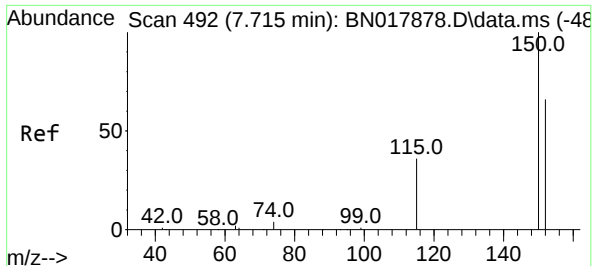
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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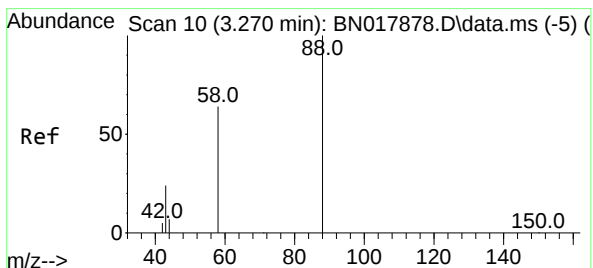
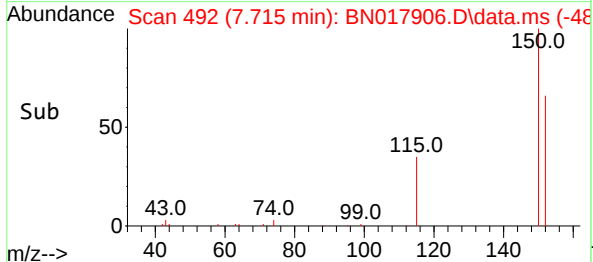
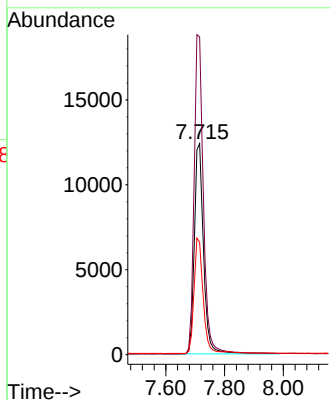
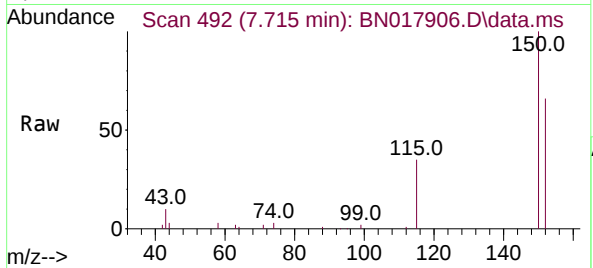




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017906.D
 Acq: 11 Dec 2021 14:45

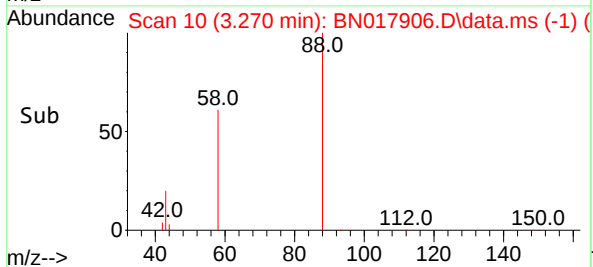
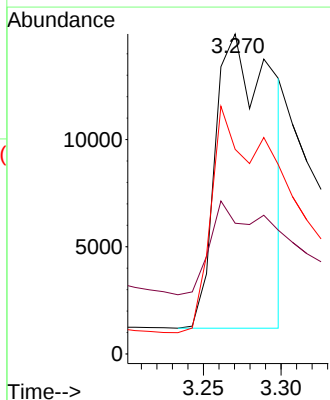
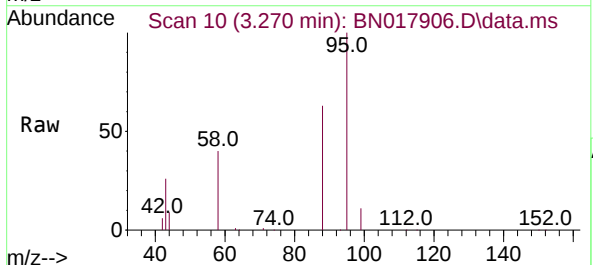
Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20211201DL

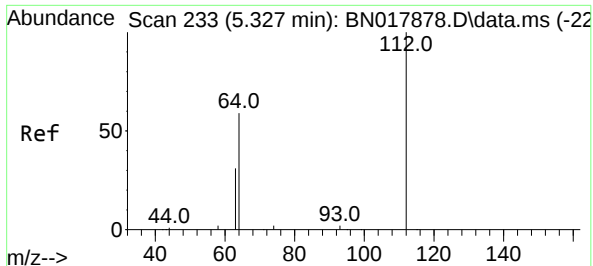
Tgt Ion:152 Resp: 26800
 Ion Ratio Lower Upper
 152 100
 150 150.6 121.9 182.9
 115 53.2 44.1 66.1



#2
 1,4-Dioxane
 Concen: 4.287 ng
 RT: 3.270 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017906.D
 Acq: 11 Dec 2021 14:45

Tgt Ion: 88 Resp: 34866
 Ion Ratio Lower Upper
 88 100
 43 31.1 28.0 42.0
 58 75.8 65.4 98.0

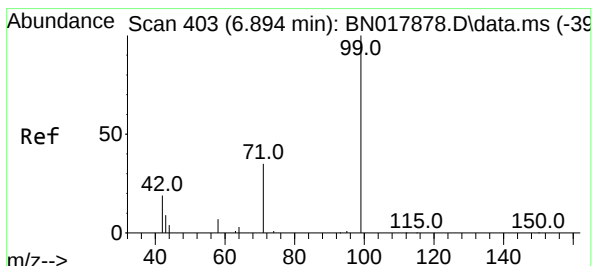
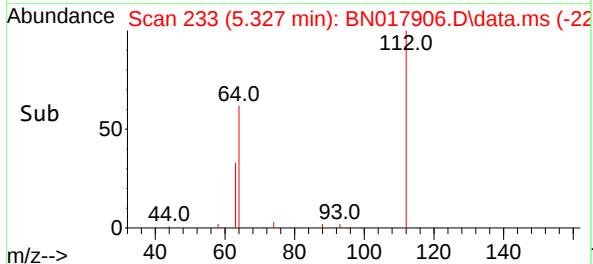
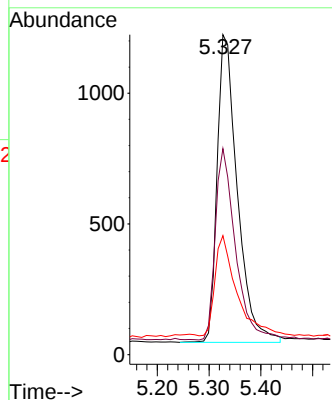
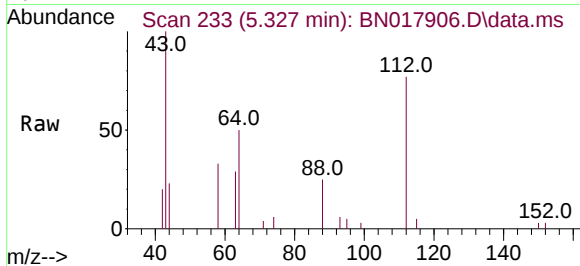




#4
2-Fluorophenol
Concen: 0.058 ng
RT: 5.327 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

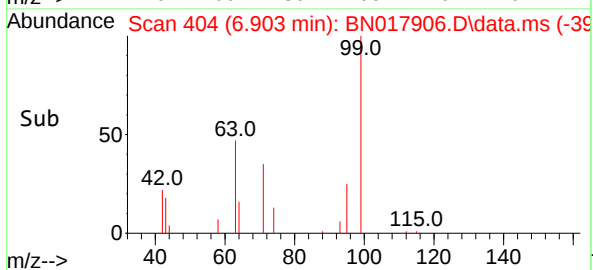
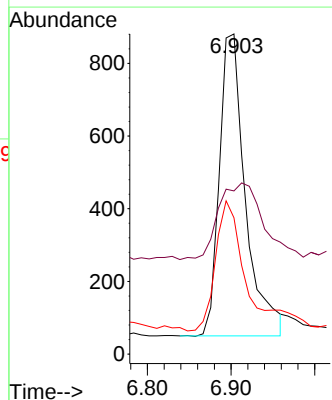
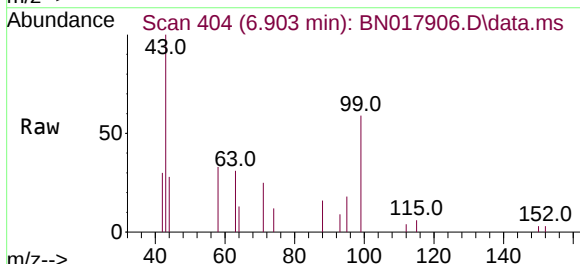
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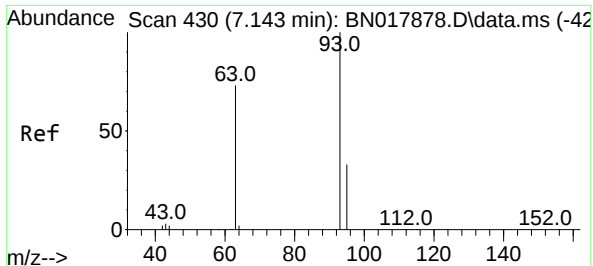
Tgt Ion:112 Resp: 3197
Ion Ratio Lower Upper
112 100
64 61.8 49.0 73.4
63 34.6 26.2 39.2



#5
Phenol-d6
Concen: 0.033 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 99 Resp: 1797
Ion Ratio Lower Upper
99 100
42 41.8 17.0 25.4#
71 46.4 28.0 42.0#

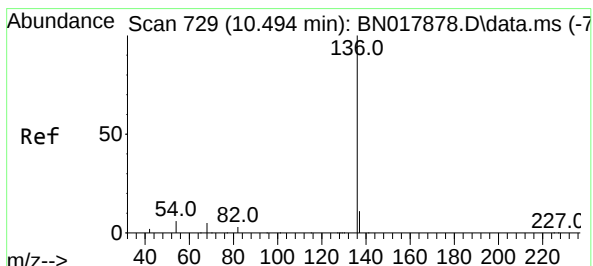
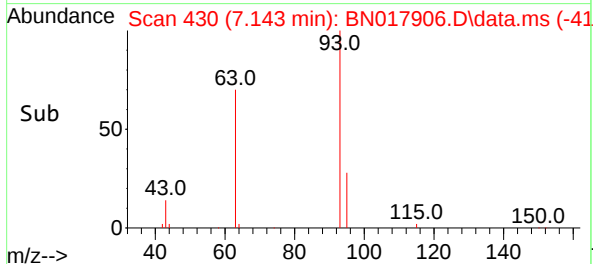
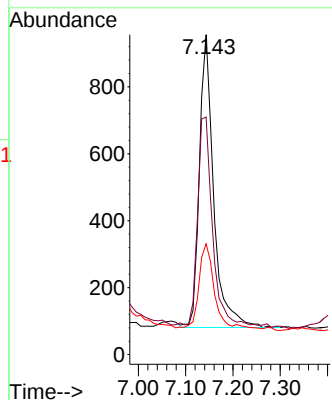
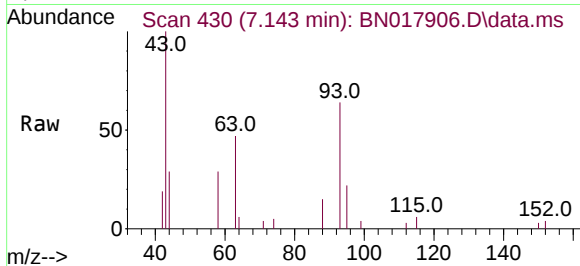




#6
bis(2-Chloroethyl)ether
Concen: 0.027 ng
RT: 7.143 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

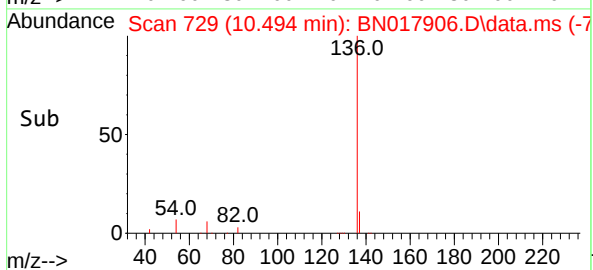
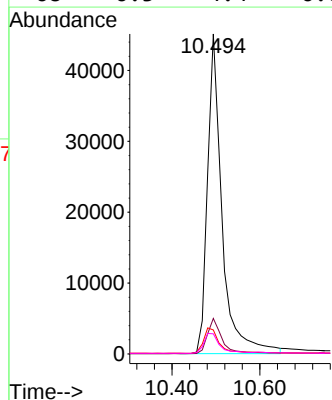
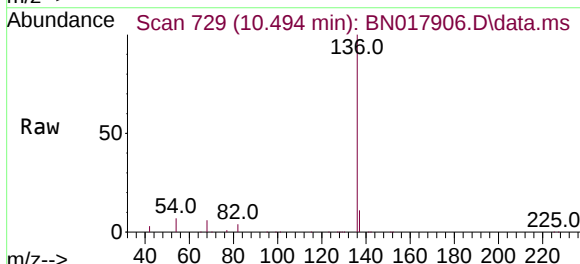
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL

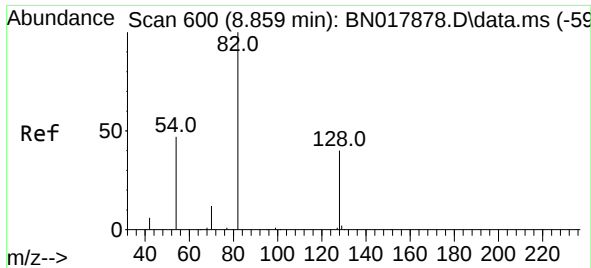
Tgt Ion: 93 Resp: 1829
Ion Ratio Lower Upper
93 100
63 76.1 62.0 93.0
95 31.0 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

Tgt Ion: 136 Resp: 103503
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 5.1 7.7
68 6.3 4.4 6.6

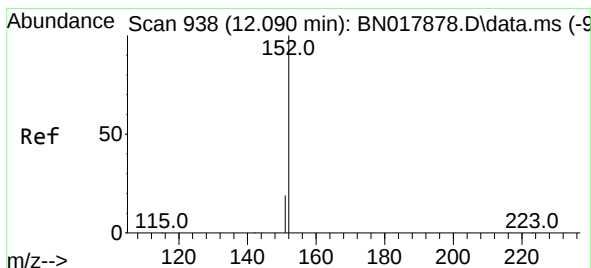
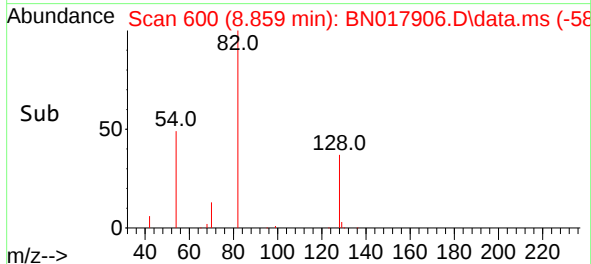
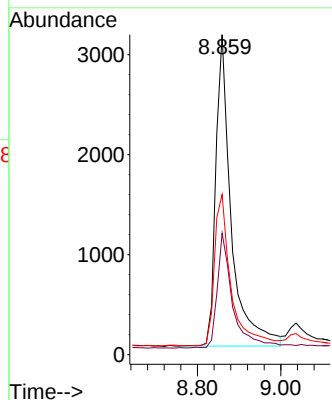
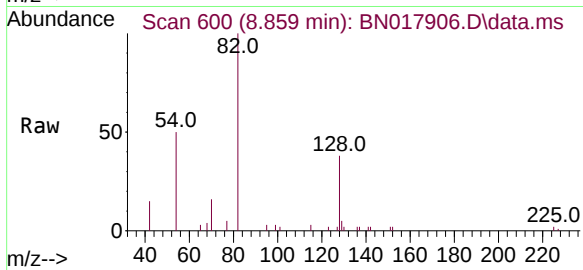




#8
Nitrobenzene-d5
Concen: 0.119 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

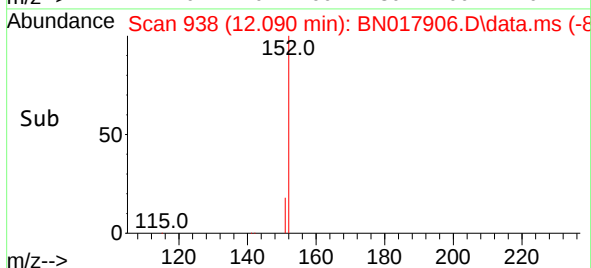
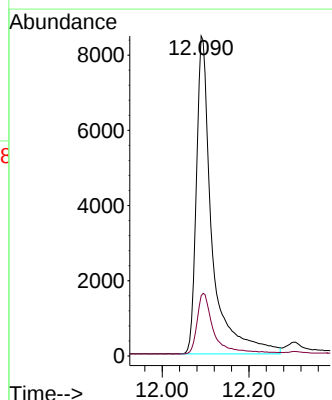
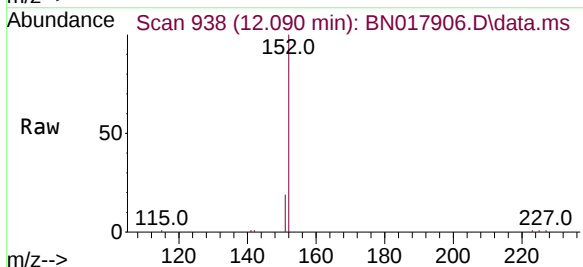
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL

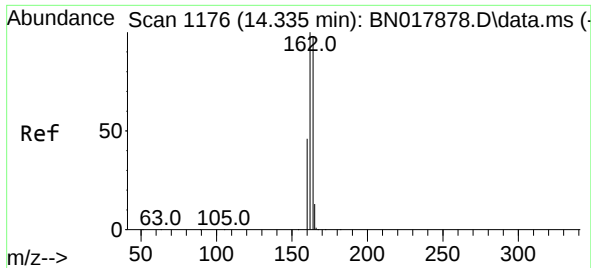
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.2	48.4
54	50.1	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.117 ng
RT: 12.090 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6

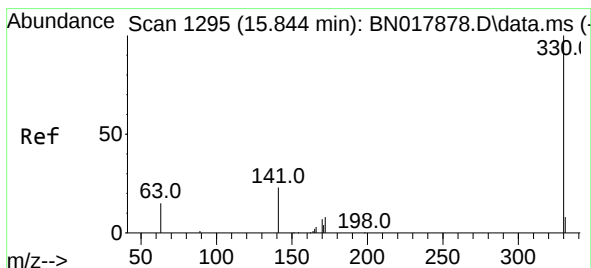
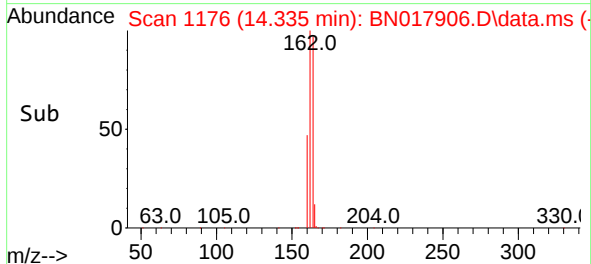
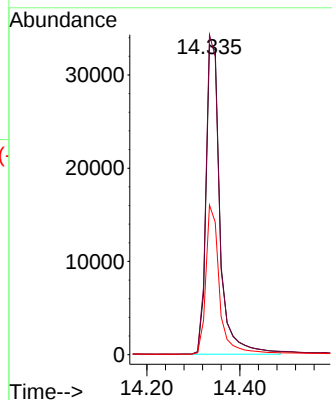
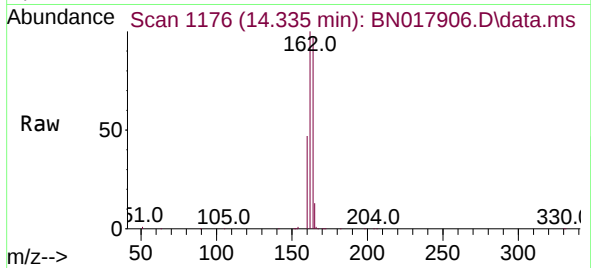




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

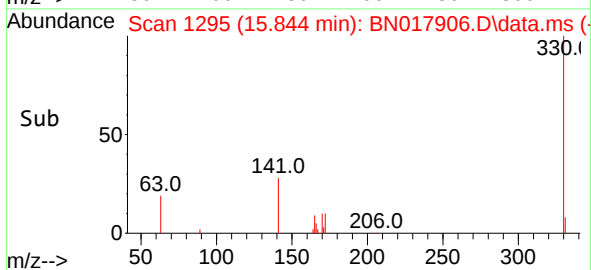
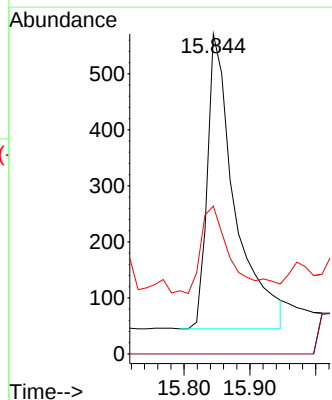
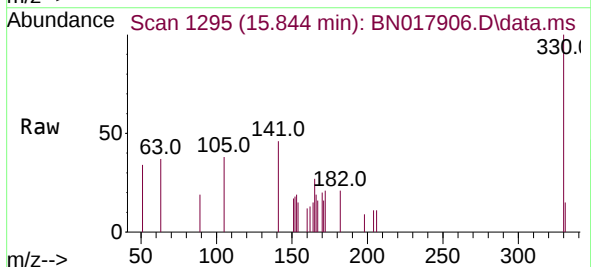
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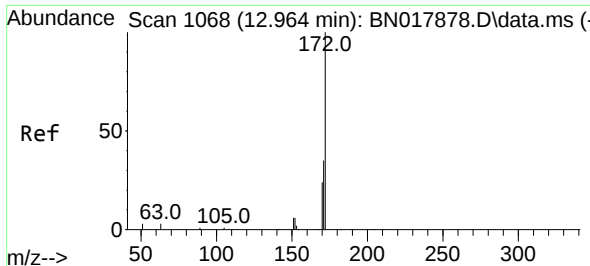
Tgt Ion:164 Resp: 70222
Ion Ratio Lower Upper
164 100
162 103.2 82.1 123.1
160 48.2 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

Tgt Ion:330 Resp: 1533
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.7 19.7 29.5

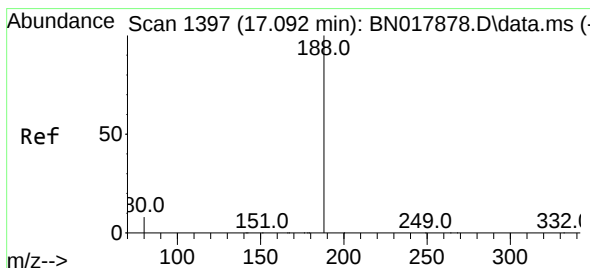
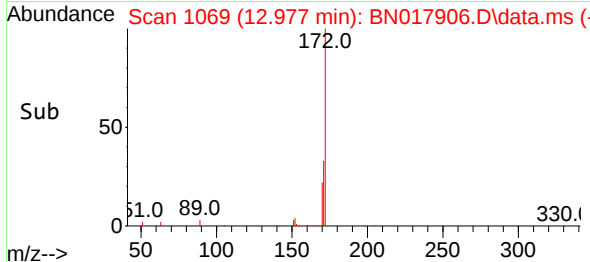
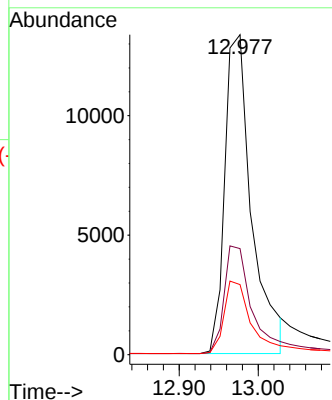
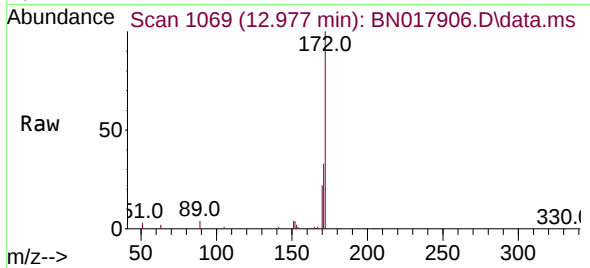




#15
2-Fluorobiphenyl
Concen: 0.128 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

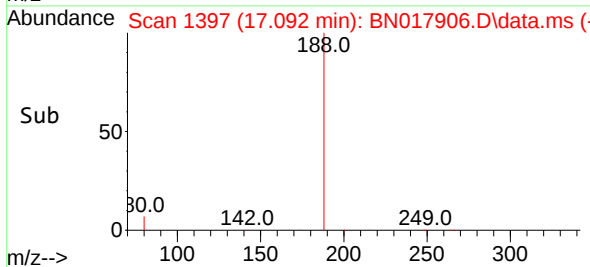
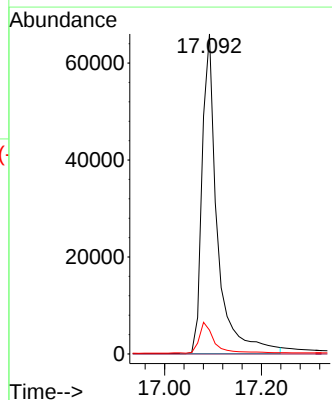
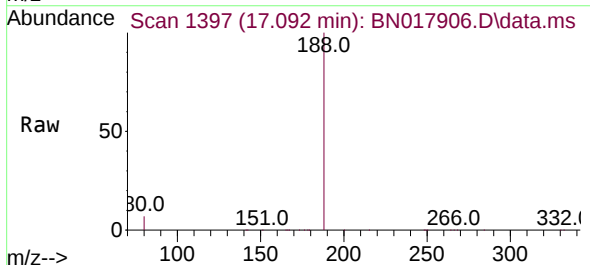
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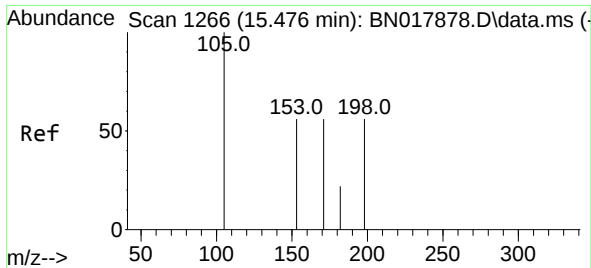
Tgt Ion:172 Resp: 31534
Ion Ratio Lower Upper
172 100
171 33.2 28.3 42.5
170 21.9 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

Tgt Ion:188 Resp: 144414
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 6.2 9.2

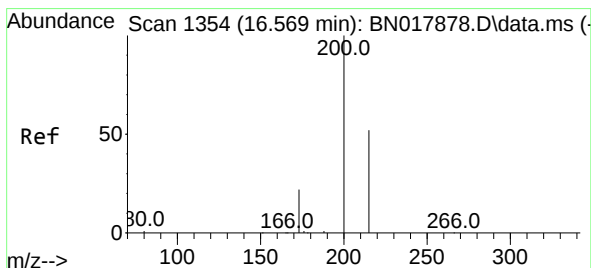
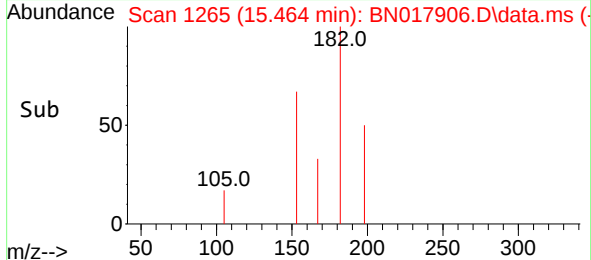
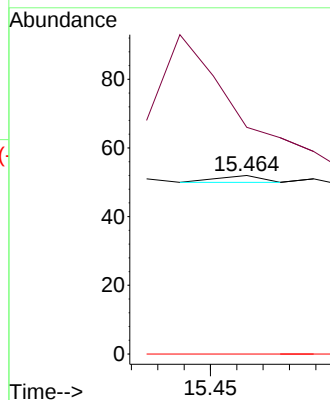
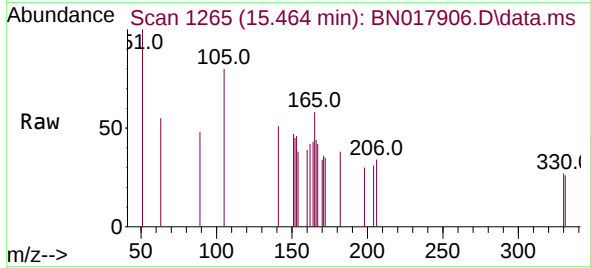




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.464 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

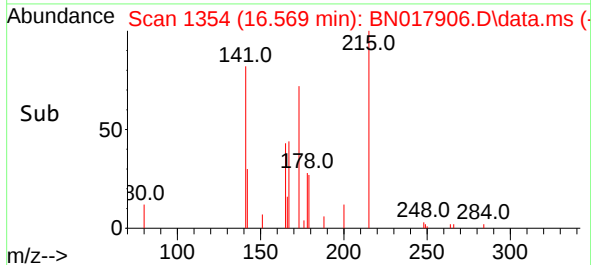
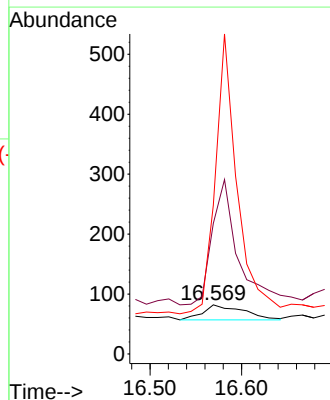
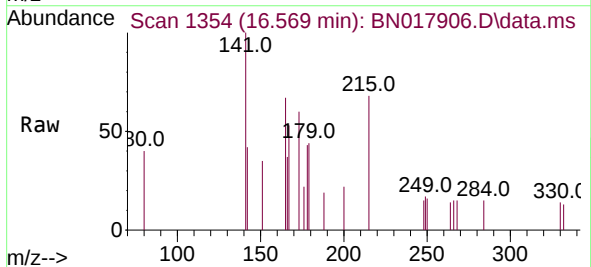
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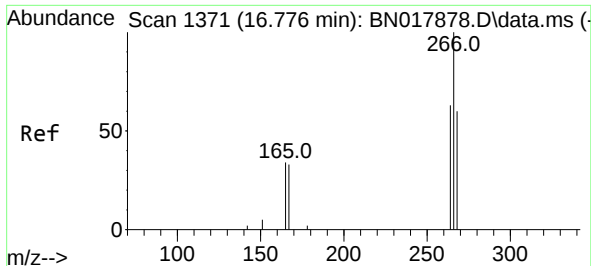
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 126.9 70.8 106.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.092 ng
RT: 16.569 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

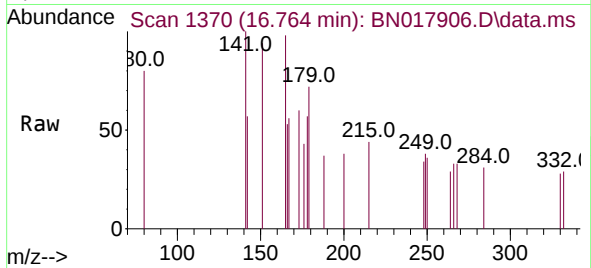
Tgt Ion:200 Resp: 77
Ion Ratio Lower Upper
200 100
173 265.9 18.2 27.2#
215 302.4 41.8 62.8#



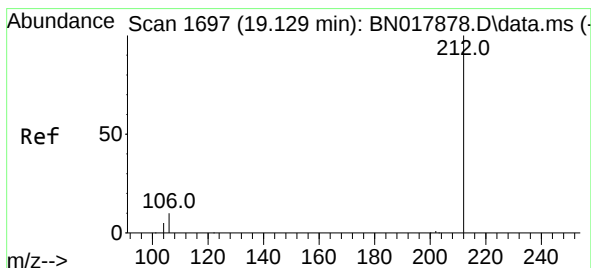
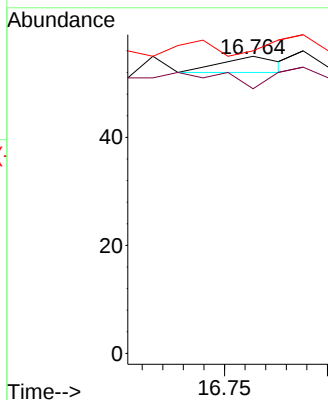
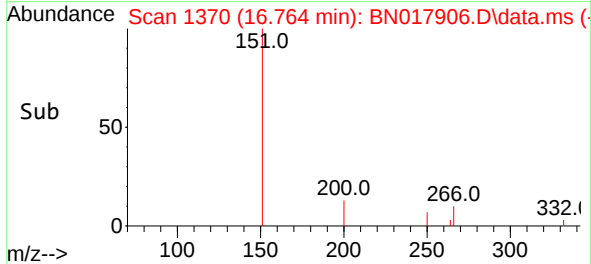


#24
 Pentachlorophenol
 Concen: 0.084 ng
 RT: 16.764 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN017906.D
 Acq: 11 Dec 2021 14:45

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20211201DL

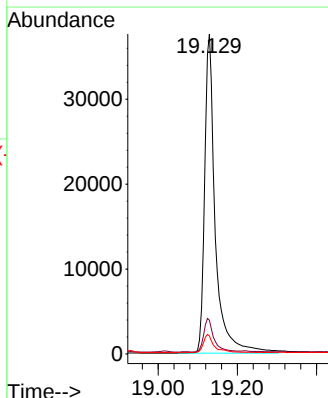
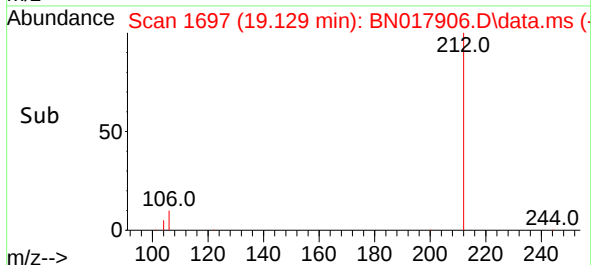
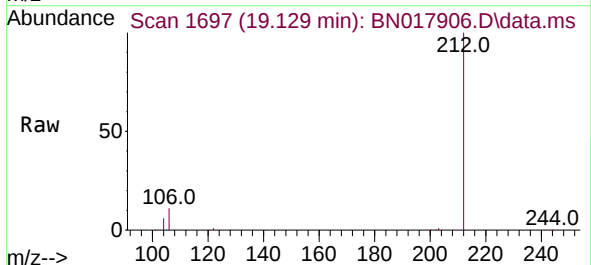


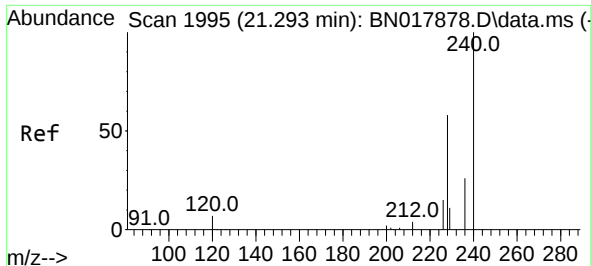
Tgt Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 0.0 53.7 80.5#



#27
 Fluoranthene-d10
 Concen: 0.150 ng
 RT: 19.129 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN017906.D
 Acq: 11 Dec 2021 14:45

Tgt Ion:212 Resp: 70370
 Ion Ratio Lower Upper
 212 100
 106 10.0 8.3 12.5
 104 5.9 4.6 6.8

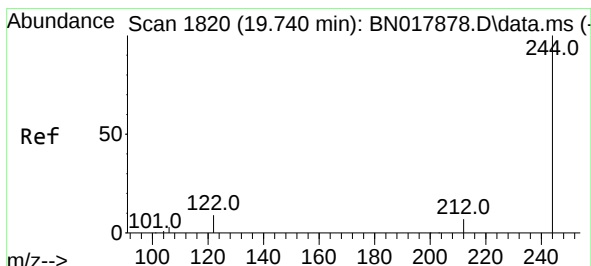
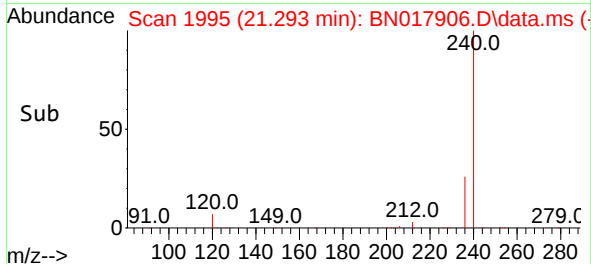
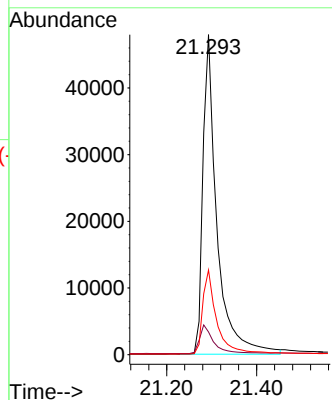
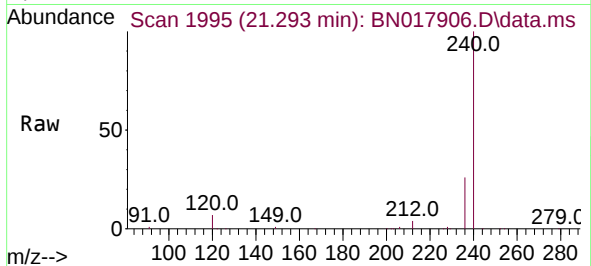




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

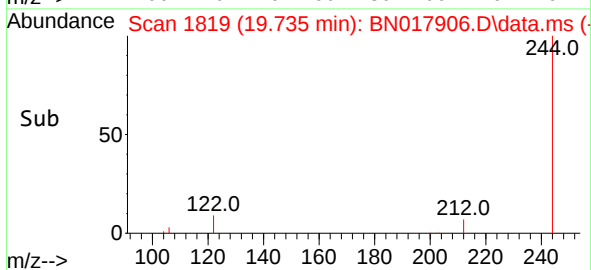
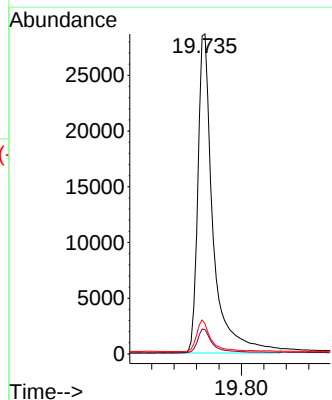
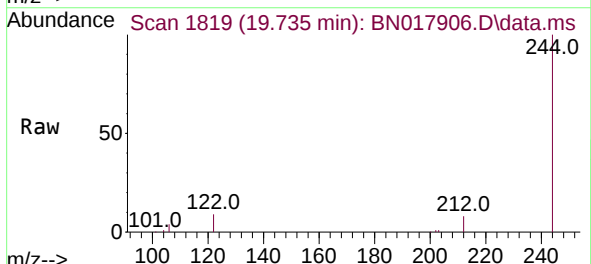
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL

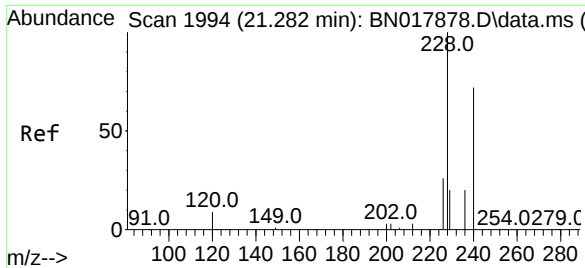
Tgt Ion:240 Resp: 103861
Ion Ratio Lower Upper
240 100
120 7.1 5.8 8.8
236 26.4 21.0 31.6



#31
Terphenyl-d14
Concen: 0.211 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

Tgt Ion:244 Resp: 53955
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.5 7.5 11.3

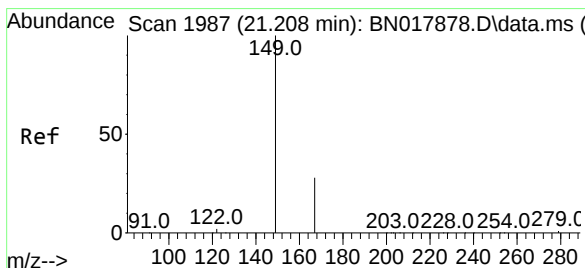
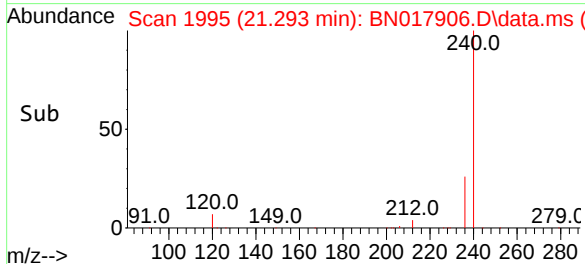
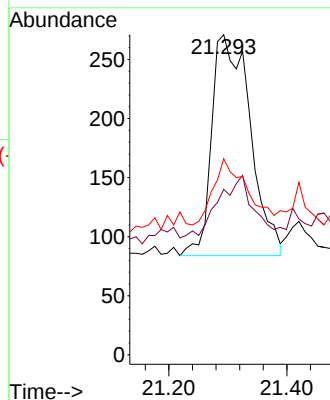
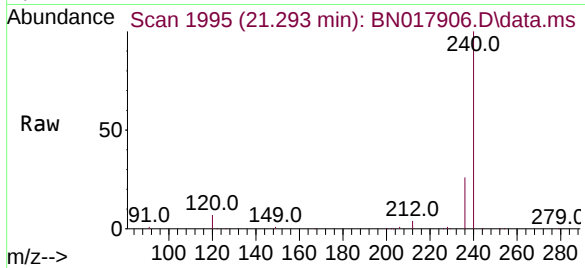




#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.011 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

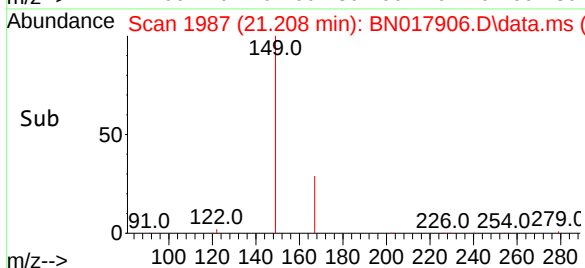
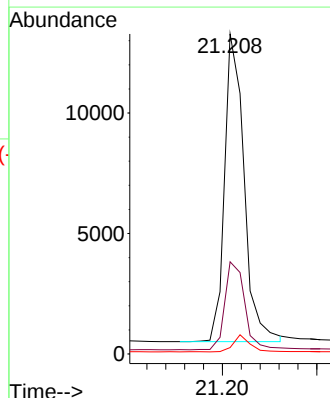
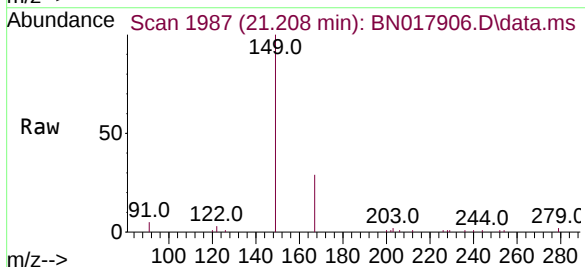
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL

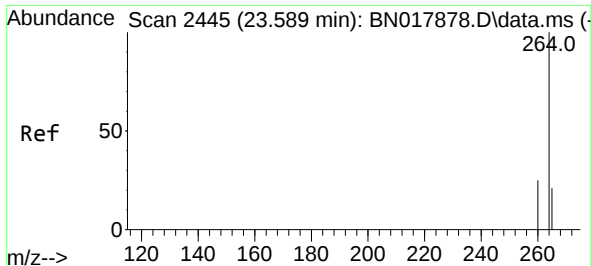
Tgt Ion:228 Resp: 844
Ion Ratio Lower Upper
228 100
226 51.7 21.0 31.4#
229 61.3 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.164 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

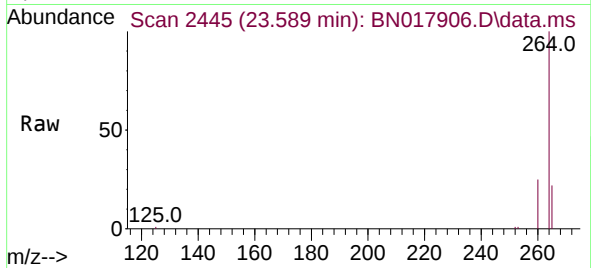
Tgt Ion:149 Resp: 18314
Ion Ratio Lower Upper
149 100
167 29.1 23.4 35.0
279 4.6 3.6 5.4



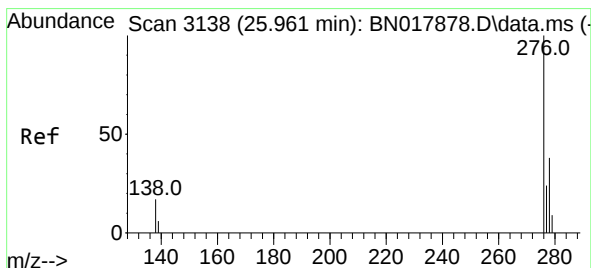
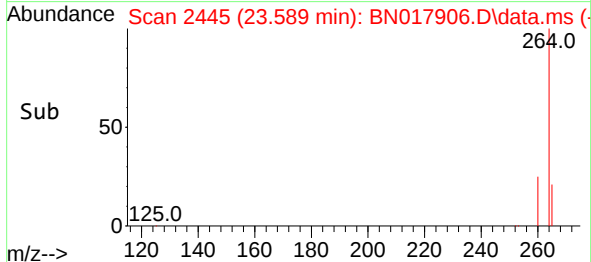
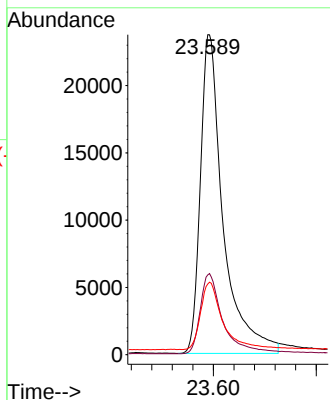


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN017906.D
 Acq: 11 Dec 2021 14:45

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20211201DL

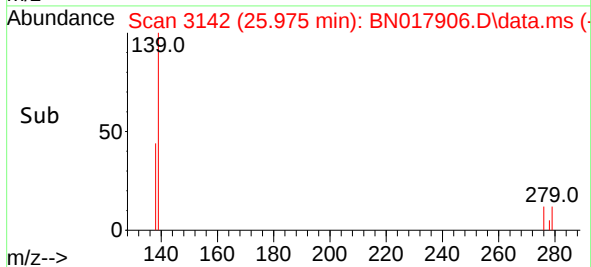
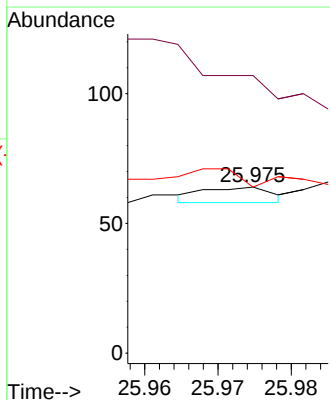
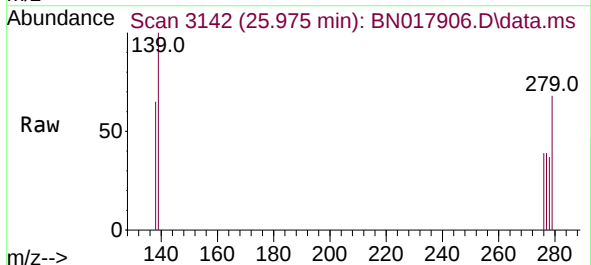


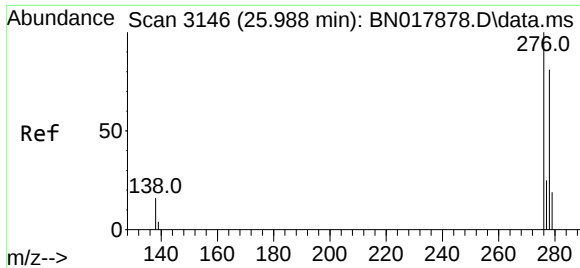
Tgt Ion:264 Resp: 72636
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.2 30.4
 265 22.1 18.2 27.4



#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: BN017906.D
 Acq: 11 Dec 2021 14:45

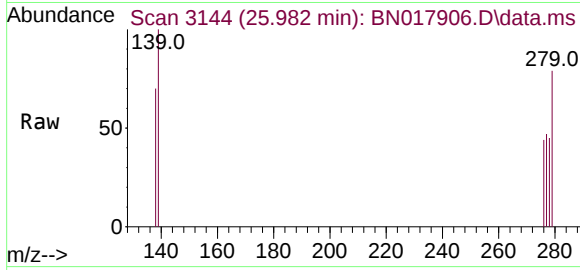
Tgt Ion:276 Resp: 4
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 125.0 19.8 29.6#





#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.982 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN017906.D
 Acq: 11 Dec 2021 14:45

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20211201DL



Tgt Ion:	278	Resp:	2
Ion	Ratio	Lower	Upper
278	100		
139	221.9	12.0	18.0#
279	175.0	20.8	31.2#

