

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017921.D
 Acq On : 12 Dec 2021 01:40
 Operator : CG/JU
 Sample : M4957-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20211206

Quant Time: Dec 12 02:52:27 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)

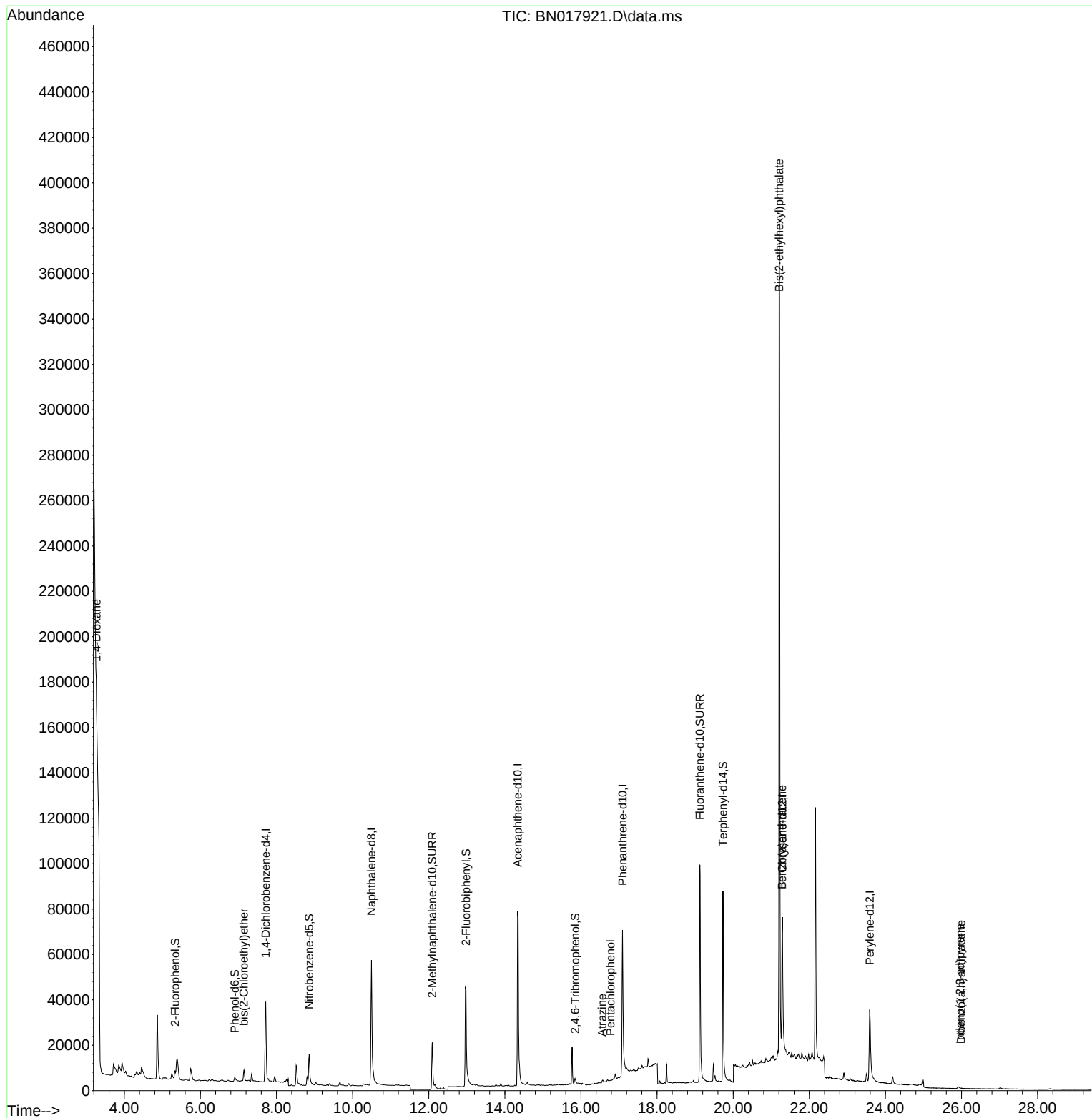
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23260	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	93756	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	62743	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	128597	0.400	ng	0.00
29) Chrysene-d12	21.293	240	92848	0.400	ng	0.00
35) Perylene-d12	23.589	264	64172	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4966	0.104	ng	0.00
5) Phenol-d6	6.903	99	2309	0.048	ng	0.00
8) Nitrobenzene-d5	8.859	82	15876	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	40009	0.243	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3287	0.429	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	57607	0.261	ng	0.01
27) Fluoranthene-d10	19.124	212	140844	0.338	ng	0.00
31) Terphenyl-d14	19.730	244	113788	0.497	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	9871	1.398	ng	# 90
6) bis(2-Chloroethyl)ether	7.143	93	3036	0.052	ng	# 76
20) 4,6-Dinitro-2-methylph...	15.451	198	11	Below Cal		# 1
23) Atrazine	16.557	200	570	0.100	ng	# 71
24) Pentachlorophenol	16.776	266	26	0.095	ng	# 17
32) Benzo(a)anthracene	21.282	228	805	0.053	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.208	149	406564	4.079	ng	98
36) Indeno(1,2,3-cd)pyrene	25.964	276	13	0.089	ng	# 66
40) Dibenzo(a,h)anthracene	25.985	278	5	0.101	ng	# 1

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

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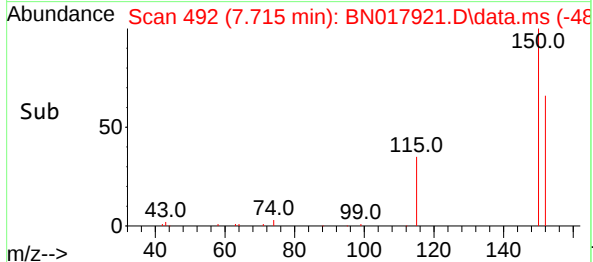
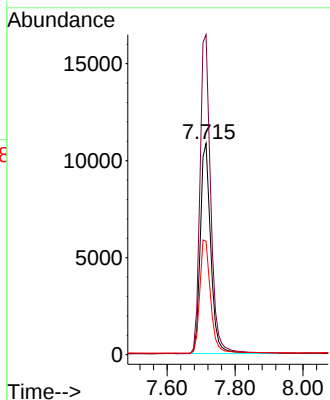
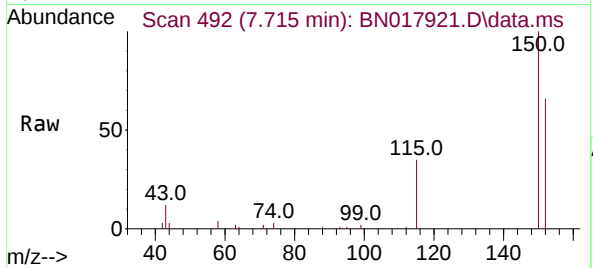




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

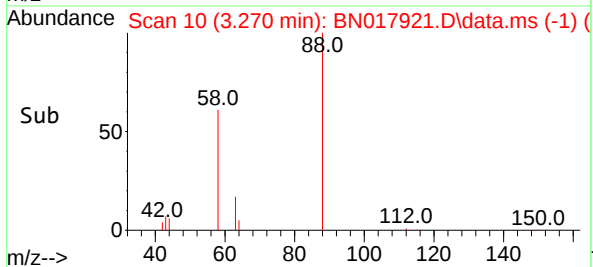
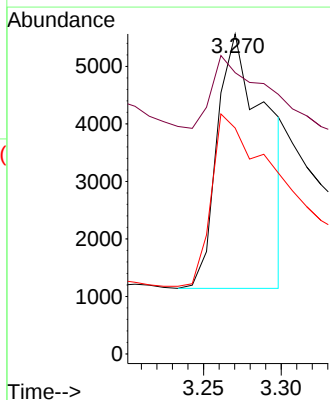
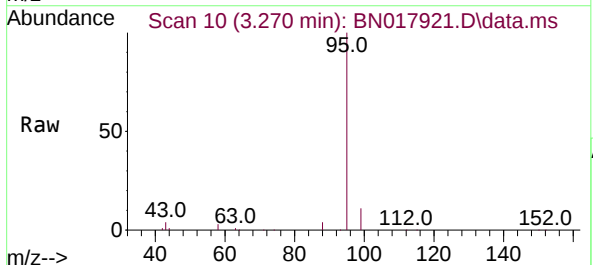
Instrument :
BNA_N
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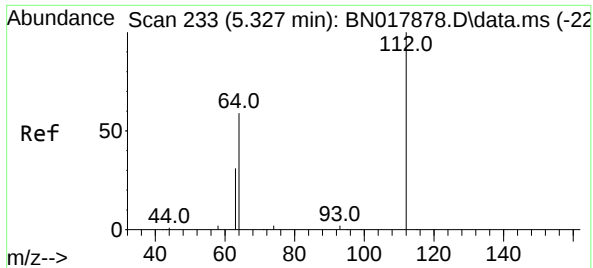
Tgt Ion:152 Resp: 23260
Ion Ratio Lower Upper
152 100
150 151.5 121.9 182.9
115 53.7 44.1 66.1



#2
1,4-Dioxane
Concen: 1.398 ng
RT: 3.270 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

Tgt Ion: 88 Resp: 9871
Ion Ratio Lower Upper
88 100
43 26.7 28.0 42.0#
58 73.8 65.4 98.0

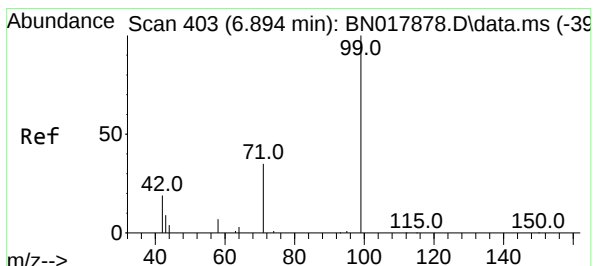
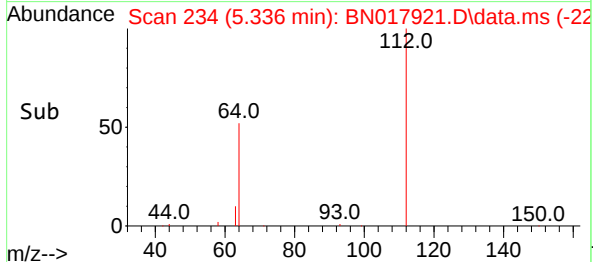
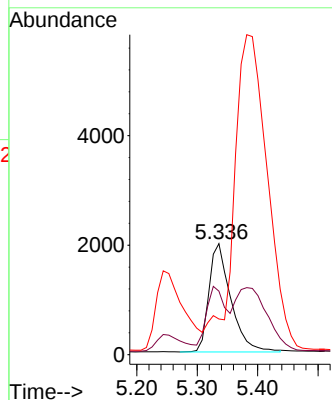
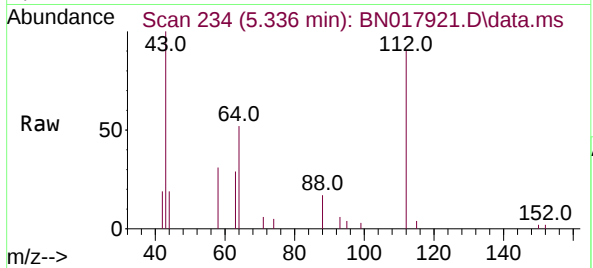




#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

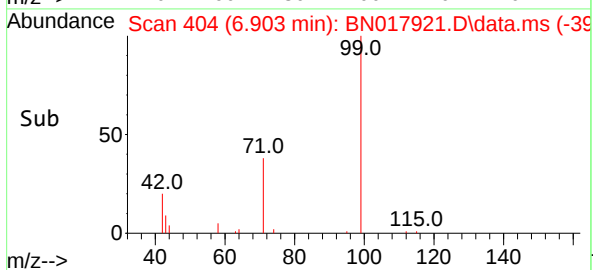
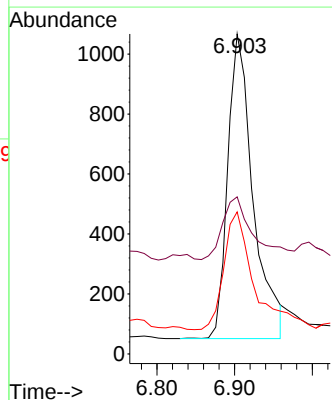
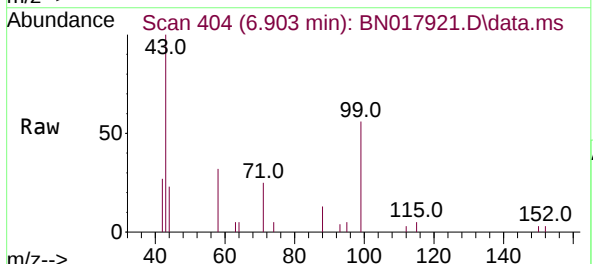
Instrument :
BNA_N
ClientSampleId :
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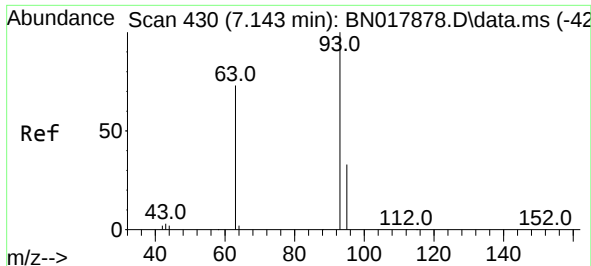
Tgt Ion:112 Resp: 4966
Ion Ratio Lower Upper
112 100
64 47.1 49.0 73.4#
63 0.0 26.2 39.2#



#5
Phenol-d6
Concen: 0.048 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

Tgt Ion: 99 Resp: 2309
Ion Ratio Lower Upper
99 100
42 23.7 17.0 25.4
71 42.7 28.0 42.0#

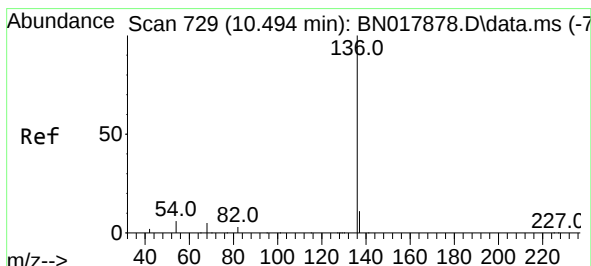
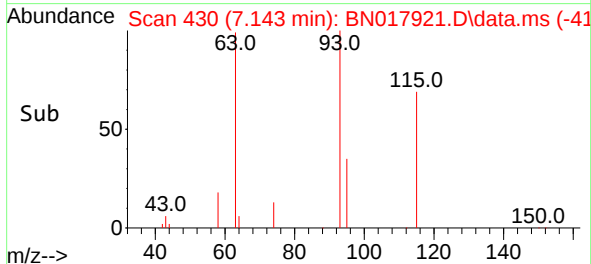
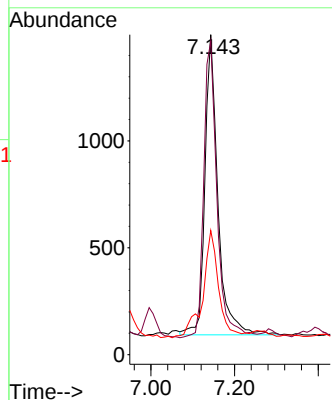
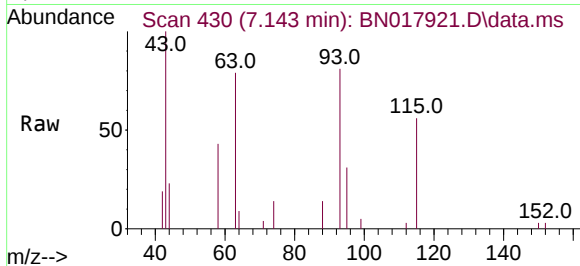




#6
bis(2-Chloroethyl)ether
Concen: 0.052 ng
RT: 7.143 min Scan# 430
Delta R.T. 0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

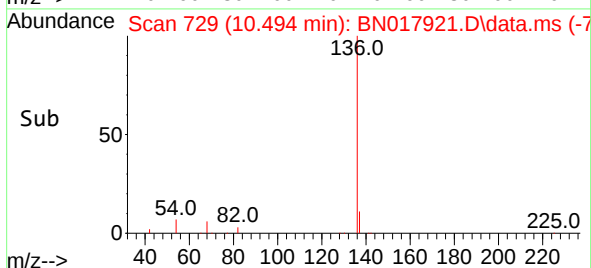
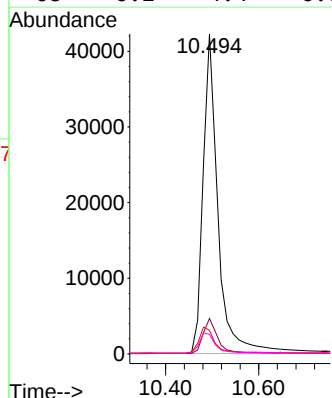
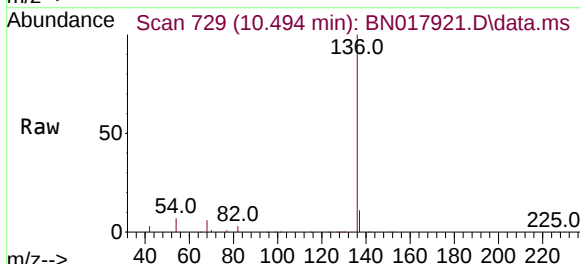
Instrument :
BNA_N
ClientSampleId :
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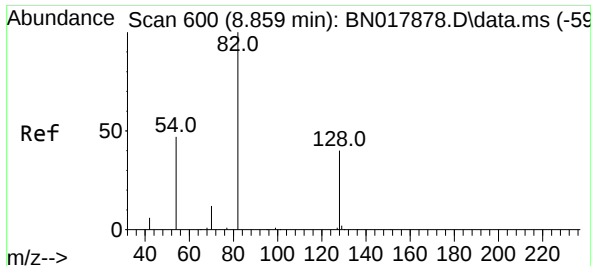
Tgt Ion: 93 Resp: 3036
Ion Ratio Lower Upper
93 100
63 101.4 62.0 93.0#
95 40.9 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

Tgt Ion: 136 Resp: 93756
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.4 5.1 7.7
68 6.2 4.4 6.6

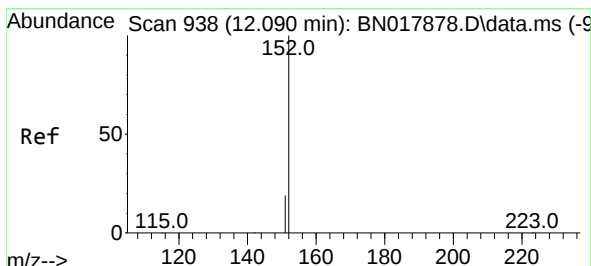
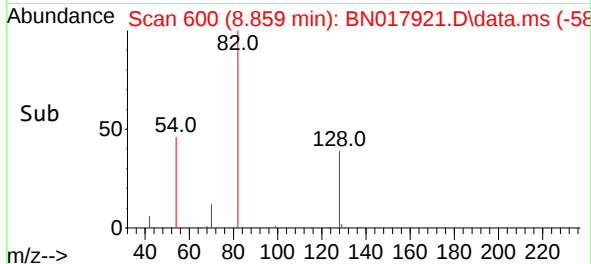
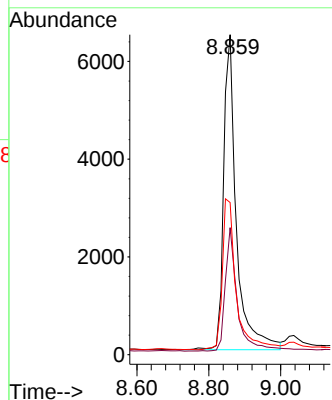
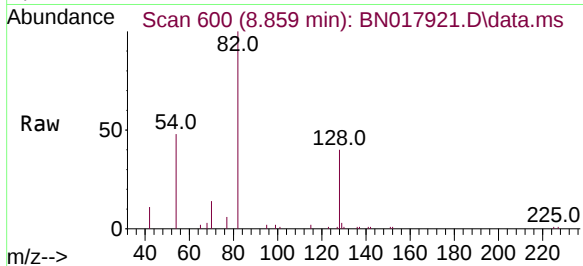




#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

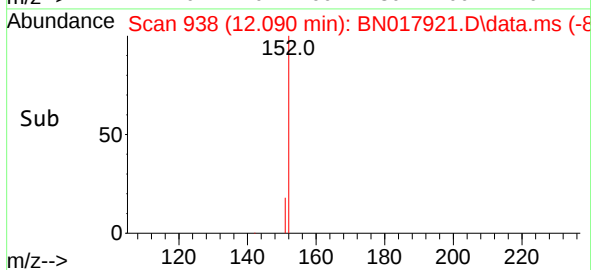
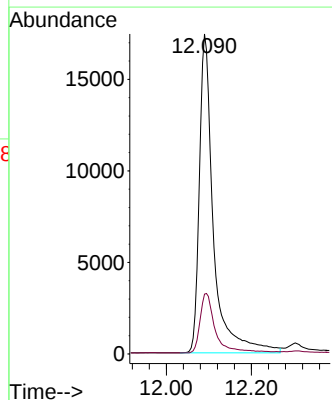
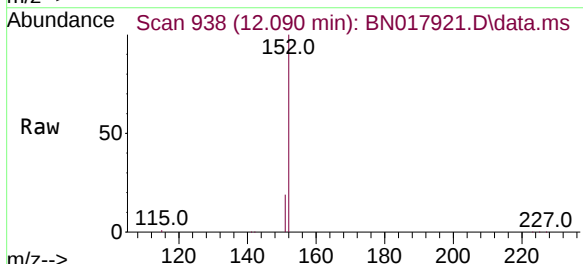
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ClientSampleId :
MW179D2-20211206

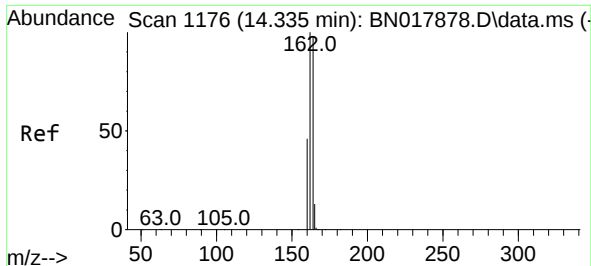
Tgt Ion: 82 Resp: 15876
Ion Ratio Lower Upper
82 100
128 39.7 32.2 48.4
54 47.6 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.243 ng
RT: 12.090 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

Tgt Ion: 152 Resp: 40009
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6

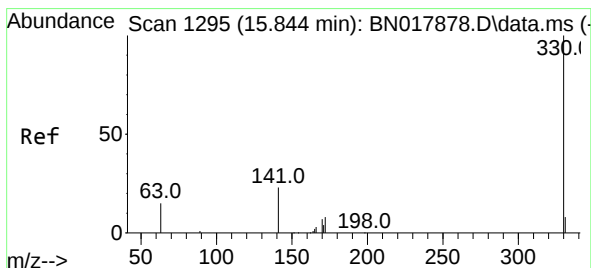
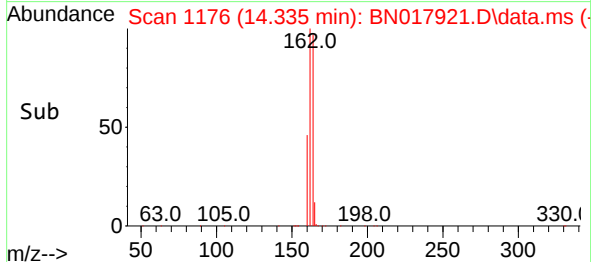
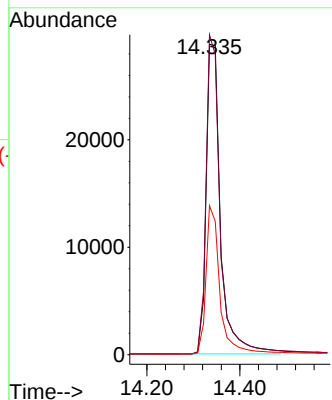
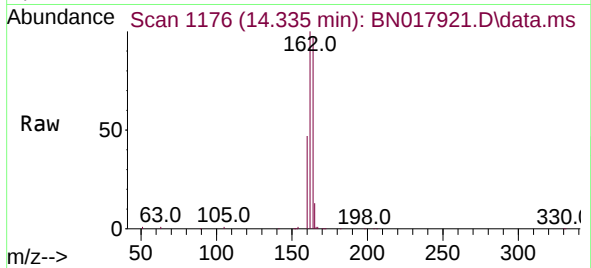




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

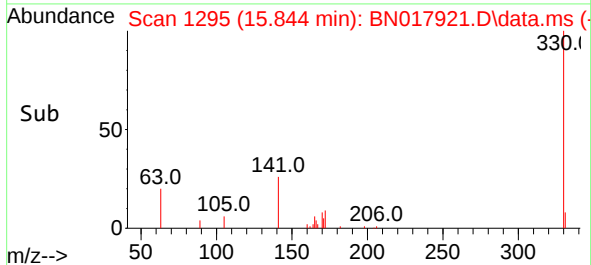
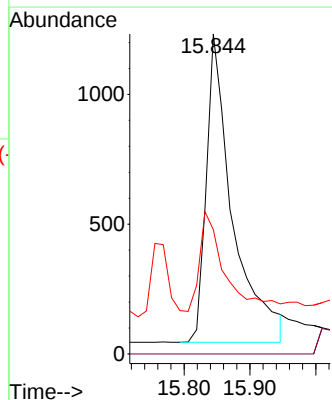
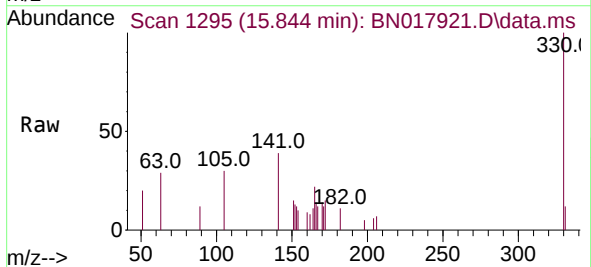
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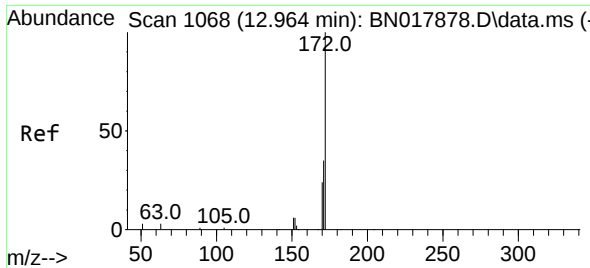
Tgt Ion:164 Resp: 62743
Ion Ratio Lower Upper
164 100
162 103.1 82.1 123.1
160 48.0 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.429 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

Tgt Ion:330 Resp: 3287
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.3 19.7 29.5

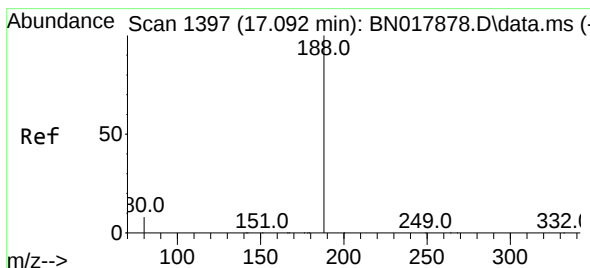
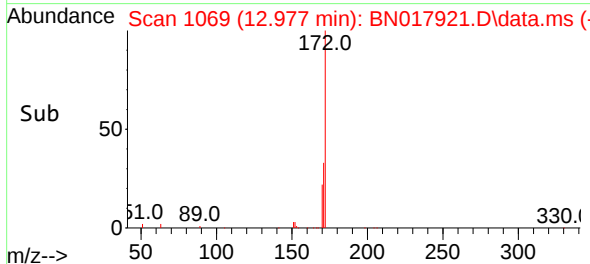
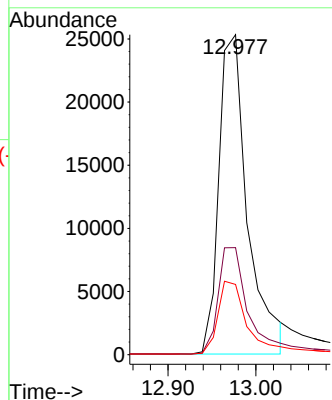
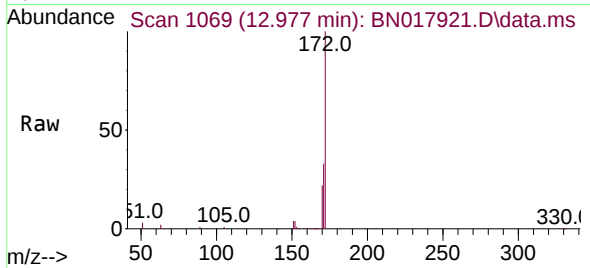




#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

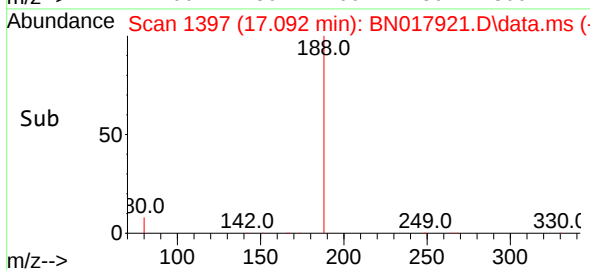
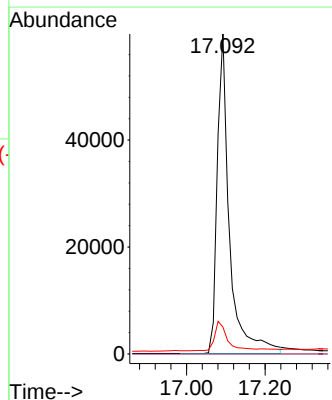
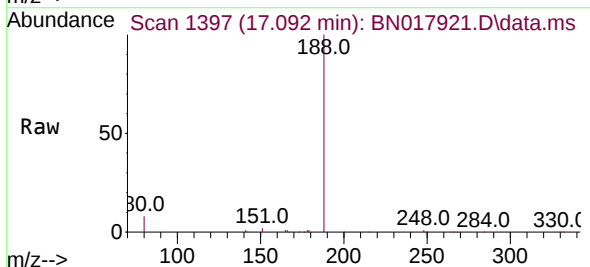
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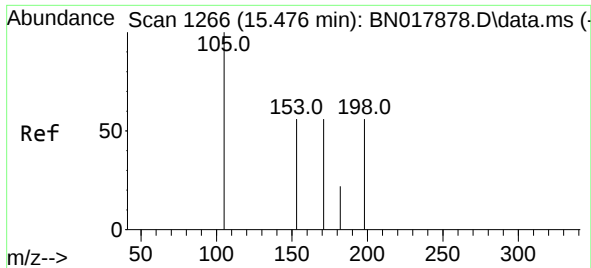
Tgt Ion:172 Resp: 57607
Ion Ratio Lower Upper
172 100
171 33.4 28.3 42.5
170 21.9 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

Tgt Ion:188 Resp: 128597
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 6.2 9.2

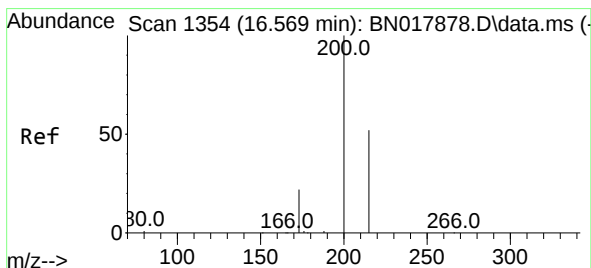
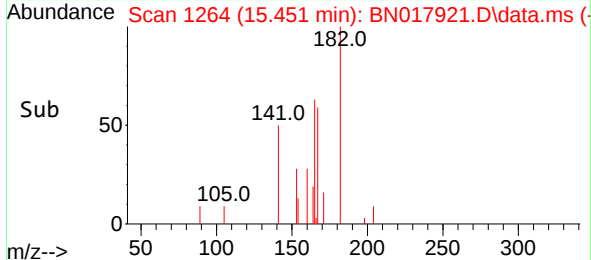
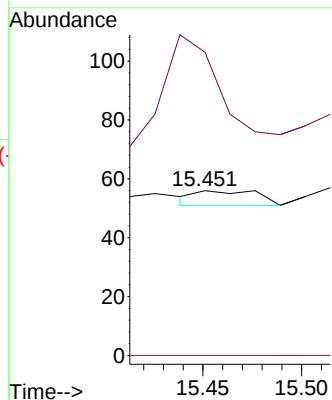
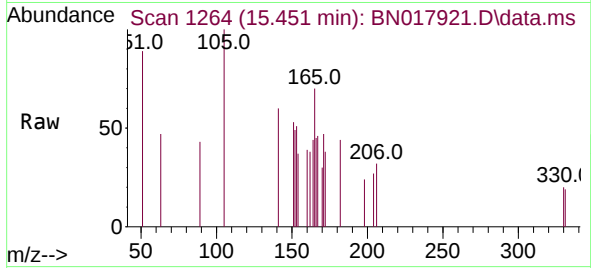




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

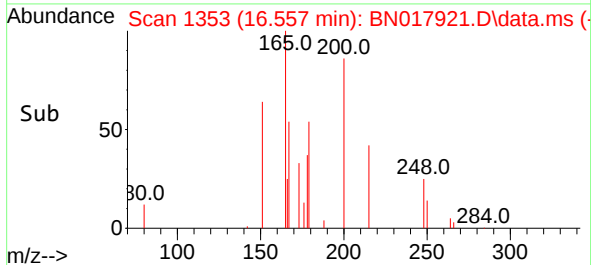
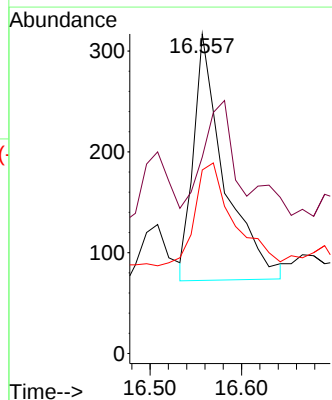
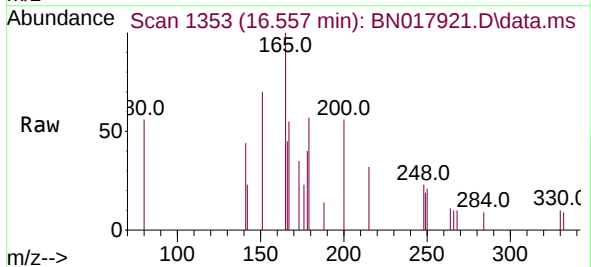
Instrument :
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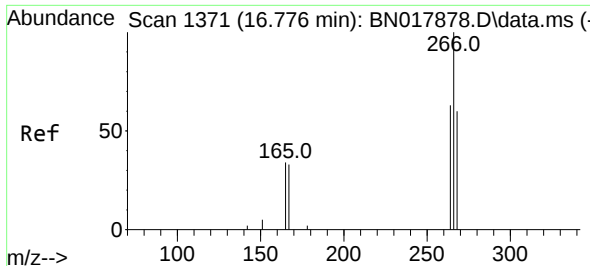
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 183.9 70.8 106.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.100 ng
RT: 16.557 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

Tgt Ion:200 Resp: 570
Ion Ratio Lower Upper
200 100
173 61.5 18.2 27.2#
215 57.4 41.8 62.8

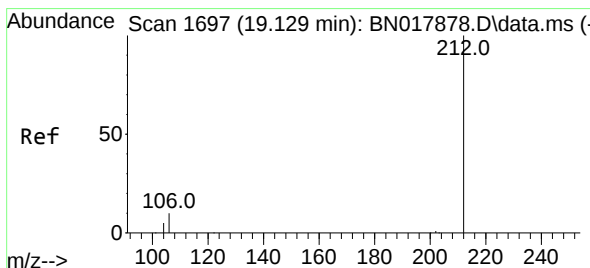
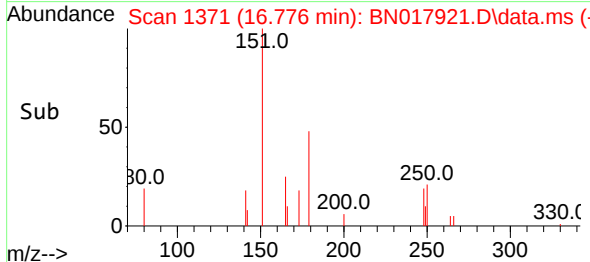
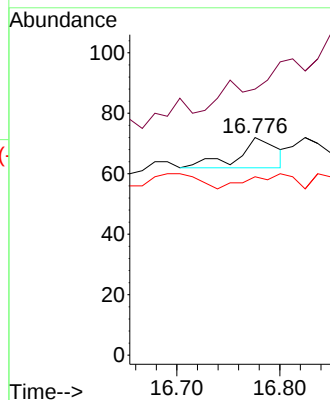
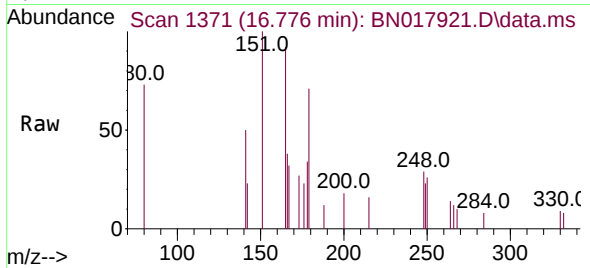




#24
 Pentachlorophenol
 Concen: 0.095 ng
 RT: 16.776 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017921.D
 Acq: 12 Dec 2021 01:40

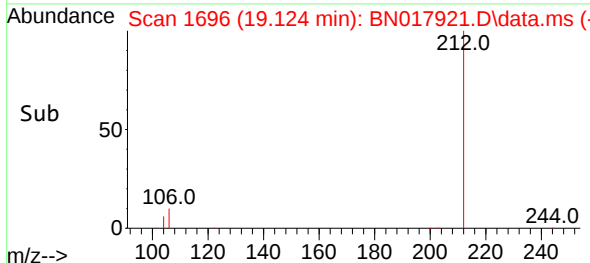
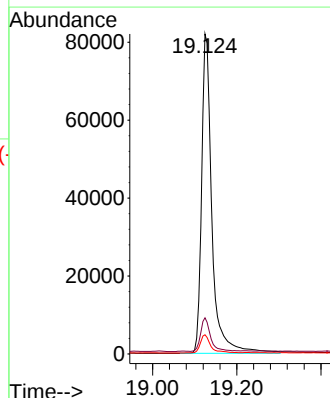
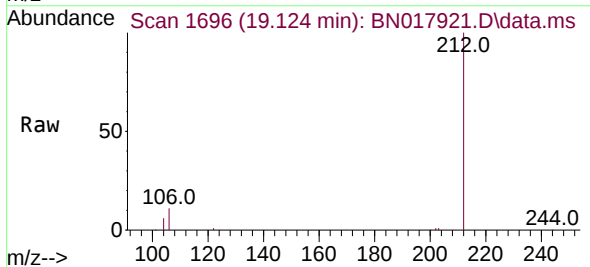
Instrument :
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 MW179D2-20211206

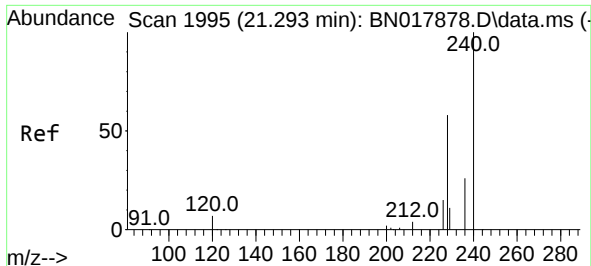
Tgt Ion:266 Resp: 26
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 0.0 53.7 80.5#



#27
 Fluoranthene-d10
 Concen: 0.338 ng
 RT: 19.124 min Scan# 1696
 Delta R.T. -0.005 min
 Lab File: BN017921.D
 Acq: 12 Dec 2021 01:40

Tgt Ion:212 Resp: 140844
 Ion Ratio Lower Upper
 212 100
 106 10.0 8.3 12.5
 104 5.7 4.6 6.8

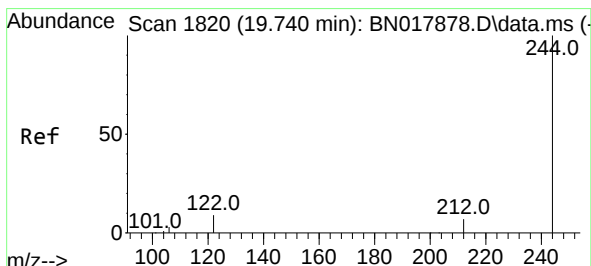
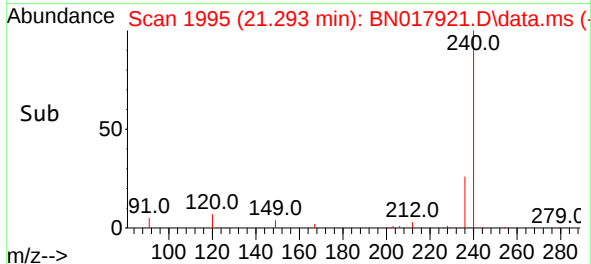
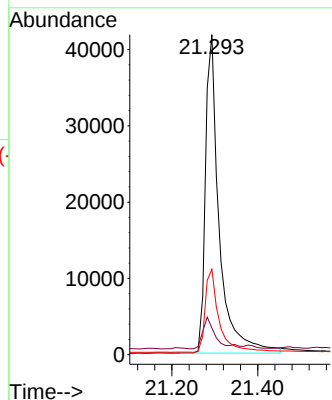
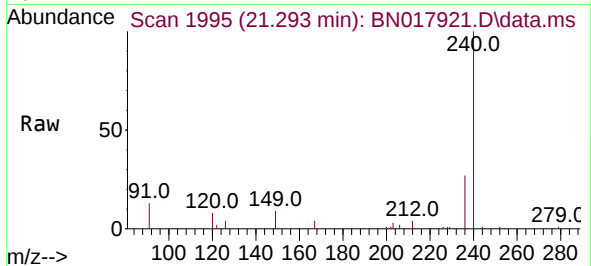




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

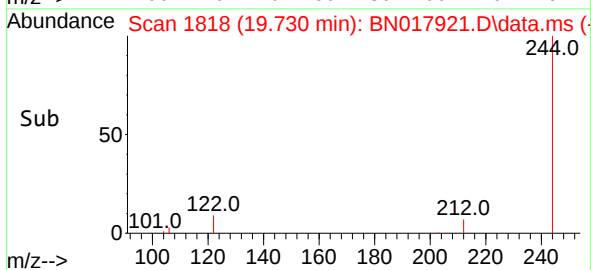
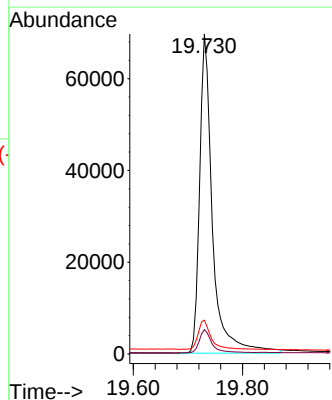
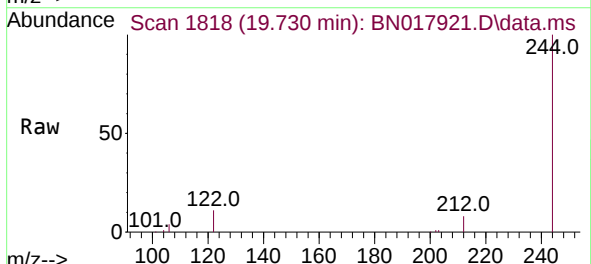
Instrument :
BNA_N
ClientSampleId :
MW179D2-20211206

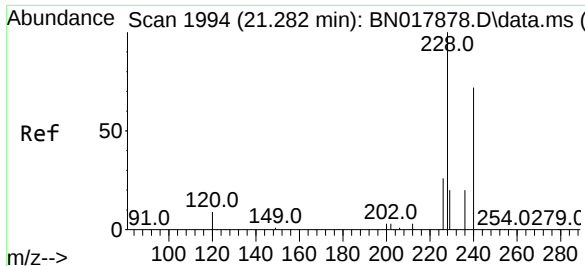
Tgt Ion:240 Resp: 92848
Ion Ratio Lower Upper
240 100
120 8.4 5.8 8.8
236 26.7 21.0 31.6



#31
Terphenyl-d14
Concen: 0.497 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

Tgt Ion:244 Resp: 113788
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 10.5 7.5 11.3

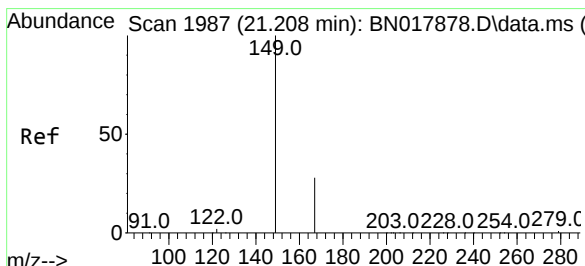
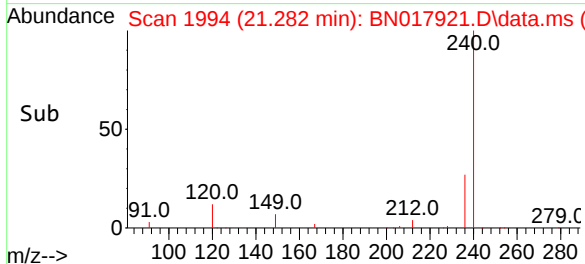
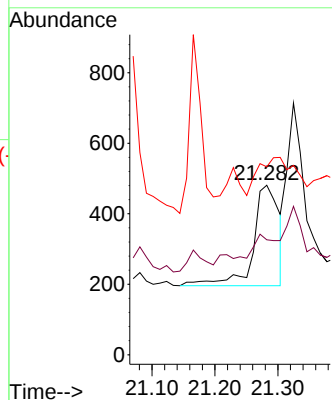
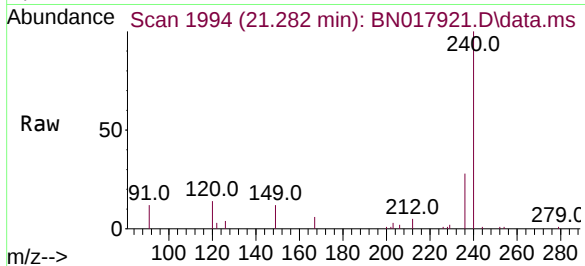




#32
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.282 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

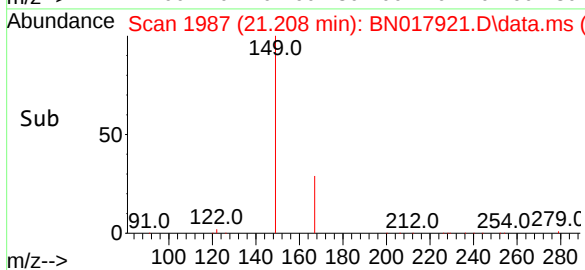
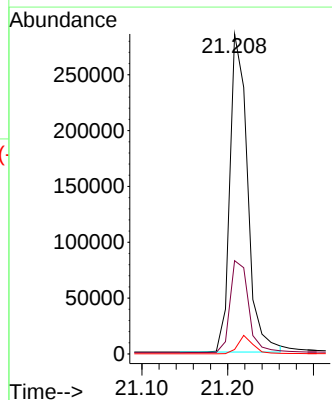
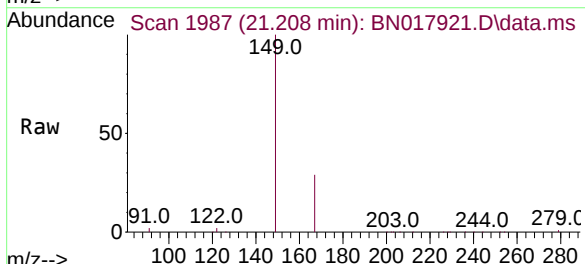
Instrument :
BNA_N
ClientSampleId :
MW179D2-20211206

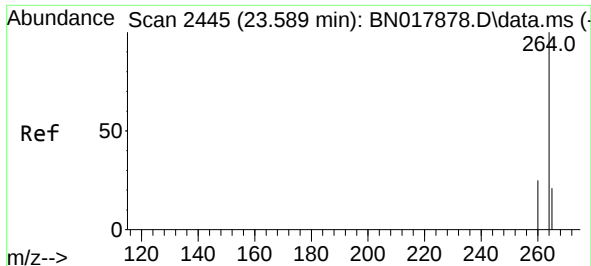
Tgt Ion:228 Resp: 805
Ion Ratio Lower Upper
228 100
226 67.8 21.0 31.4#
229 110.8 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 4.079 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017921.D
Acq: 12 Dec 2021 01:40

Tgt Ion:149 Resp: 406564
Ion Ratio Lower Upper
149 100
167 30.4 23.4 35.0
279 4.9 3.6 5.4

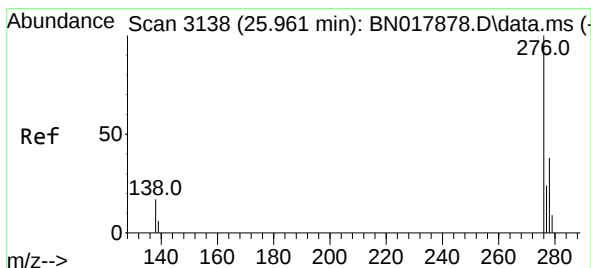
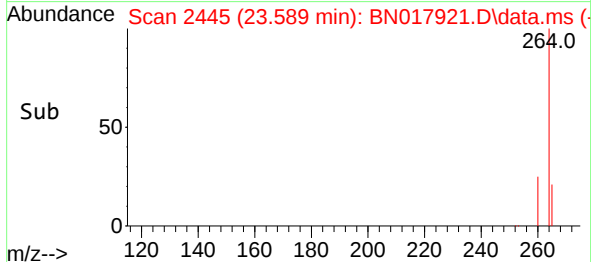
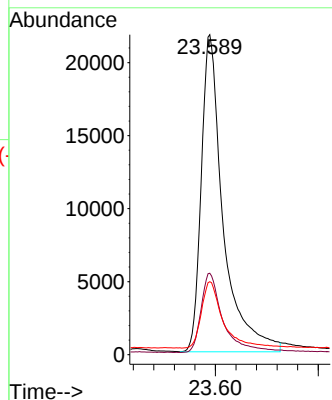
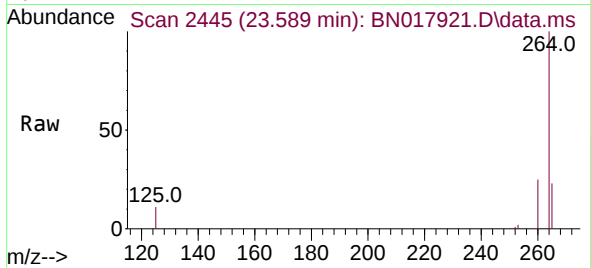




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN017921.D
 Acq: 12 Dec 2021 01:40

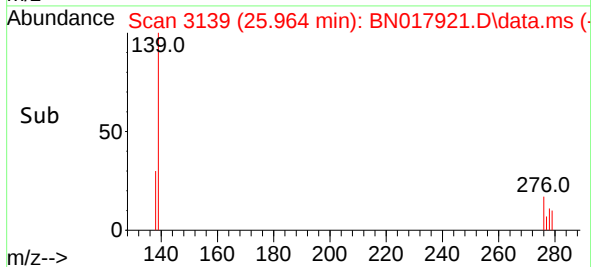
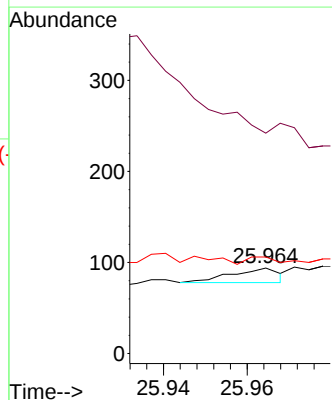
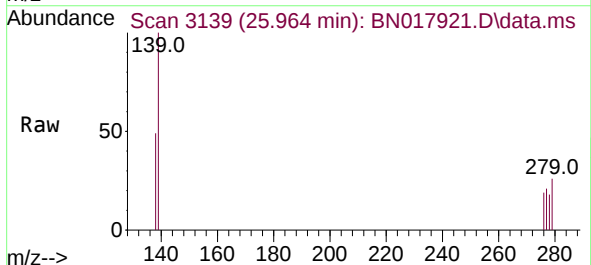
Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20211206

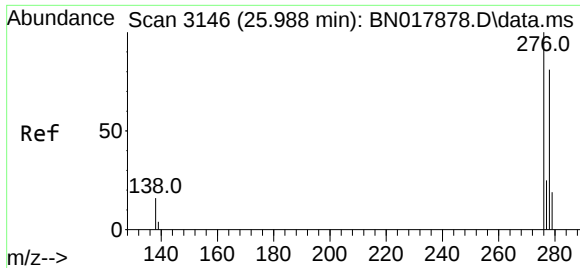
Tgt Ion:264 Resp: 64172
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.4
 265 22.8 18.2 27.4



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.964 min Scan# 3139
 Delta R.T. 0.003 min
 Lab File: BN017921.D
 Acq: 12 Dec 2021 01:40

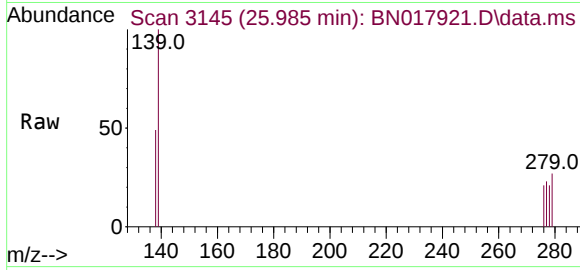
Tgt Ion:276 Resp: 13
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 38.5 19.8 29.6#





#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.985 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN017921.D
 Acq: 12 Dec 2021 01:40

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20211206



Tgt Ion:278 Resp: 5
 Ion Ratio Lower Upper
 278 100
 139 487.4 12.0 18.0#
 279 131.6 20.8 31.2#

