

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017922.D
 Acq On : 12 Dec 2021 02:17
 Operator : CG/JU
 Sample : M4957-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20211206

Quant Time: Dec 12 02:52:35 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)

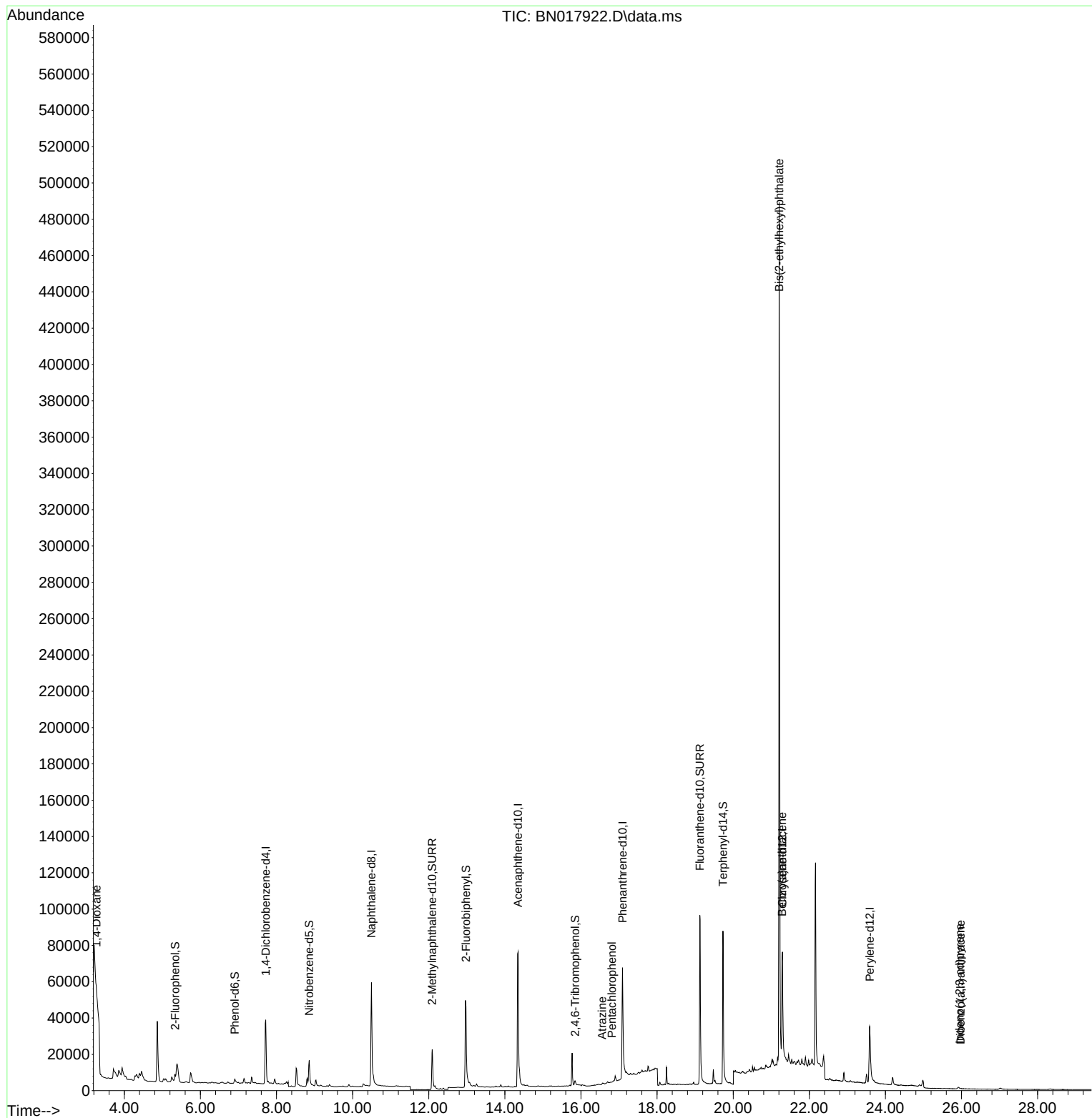
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	22920	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	93238	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	61754	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	126735	0.400	ng	0.00
29) Chrysene-d12	21.293	240	90278	0.400	ng	0.00
35) Perylene-d12	23.585	264	62360	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5494	0.116	ng	0.00
5) Phenol-d6	6.903	99	2702	0.058	ng	0.00
8) Nitrobenzene-d5	8.859	82	16006	0.263	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	42049	0.256	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3521	0.437	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	63194	0.291	ng	0.01
27) Fluoranthene-d10	19.124	212	140937	0.343	ng	0.00
31) Terphenyl-d14	19.730	244	111202	0.500	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	2455	0.353	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.451	198	5	Below Cal	#	10
23) Atrazine	16.557	200	99	0.093	ng	# 22
24) Pentachlorophenol	16.812	266	54	0.111	ng	# 22
32) Benzo(a)anthracene	21.282	228	639	0.052	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.208	149	448722	4.630	ng	98
36) Indeno(1,2,3-cd)pyrene	25.951	276	9	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.975	278	5	0.101	ng	# 1

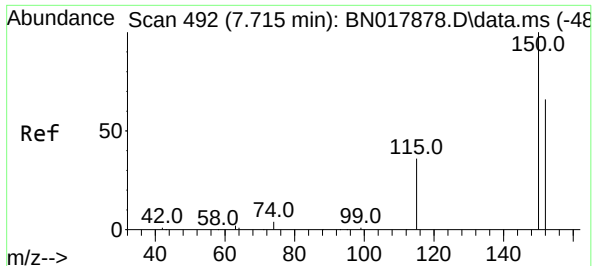
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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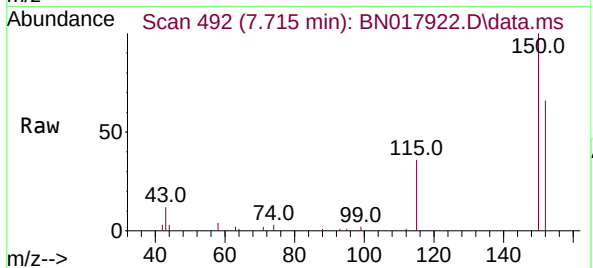
Quant Time: Dec 12 02:52:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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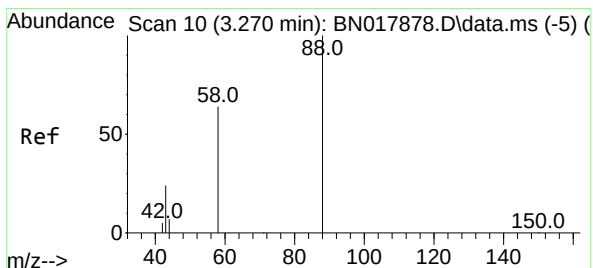
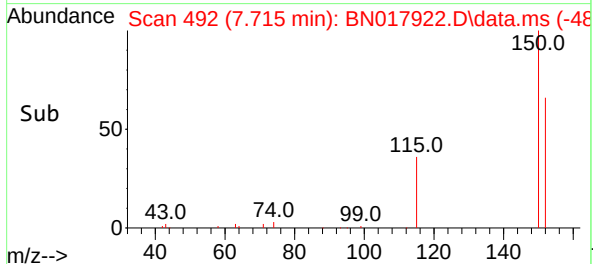
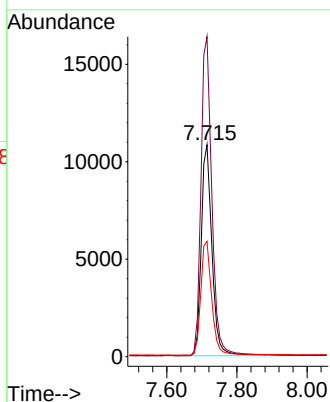


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

Instrument :
BNA_N
ClientSampleId :
MW179D1-20211206

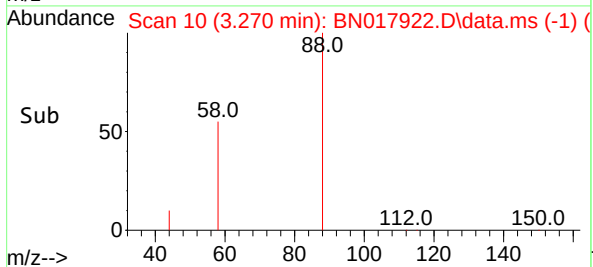
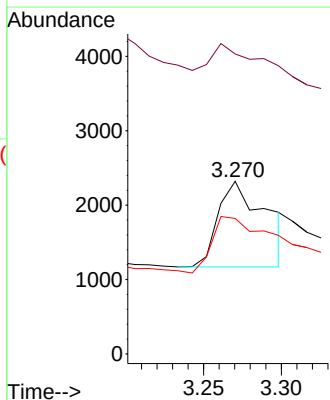
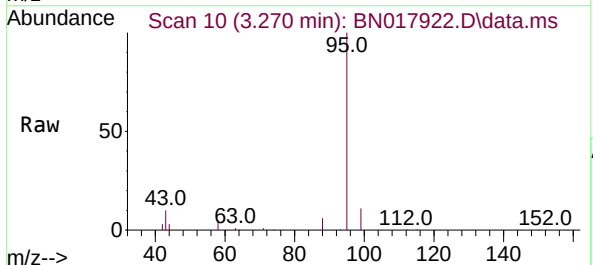


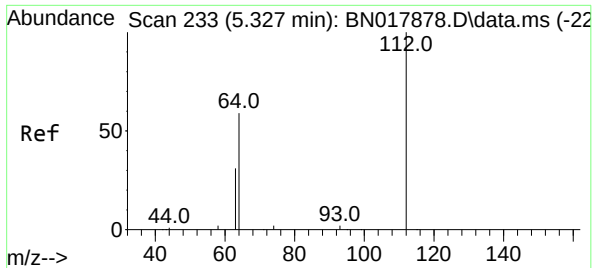
Tgt Ion:152 Resp: 22920
Ion Ratio Lower Upper
152 100
150 150.9 121.9 182.9
115 54.4 44.1 66.1



#2
1,4-Dioxane
Concen: 0.353 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

Tgt Ion: 88 Resp: 2455
Ion Ratio Lower Upper
88 100
43 23.3 28.0 42.0#
58 70.6 65.4 98.0

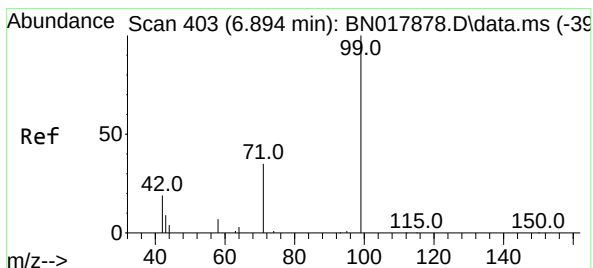
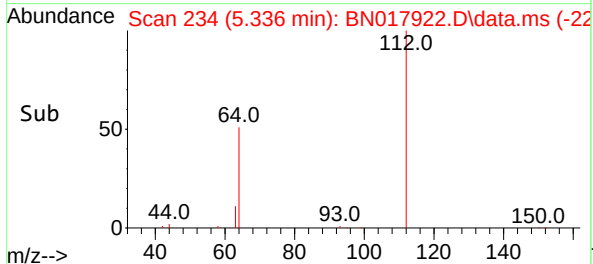
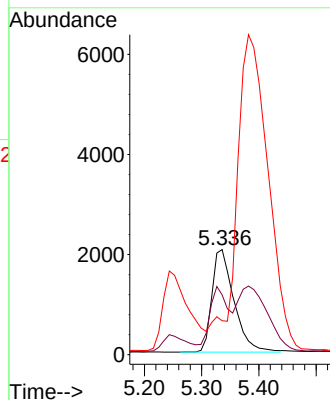
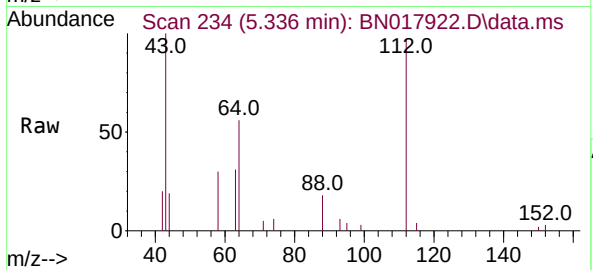




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

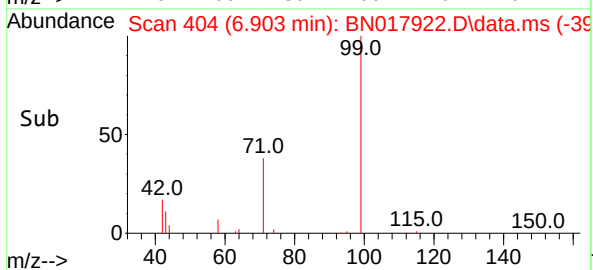
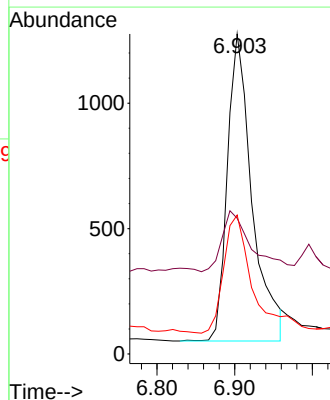
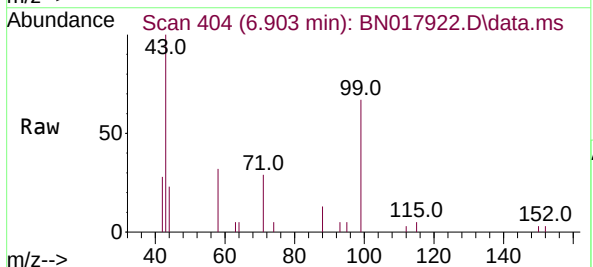
Instrument :
BNA_N
ClientSampleId :
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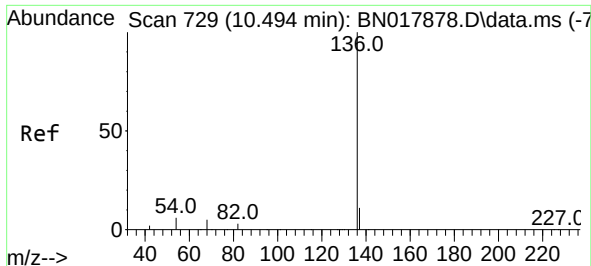
Tgt Ion:112 Resp: 5494
Ion Ratio Lower Upper
112 100
64 46.1 49.0 73.4#
63 0.0 26.2 39.2#



#5
Phenol-d6
Concen: 0.058 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

Tgt Ion: 99 Resp: 2702
Ion Ratio Lower Upper
99 100
42 23.1 17.0 25.4
71 42.7 28.0 42.0#

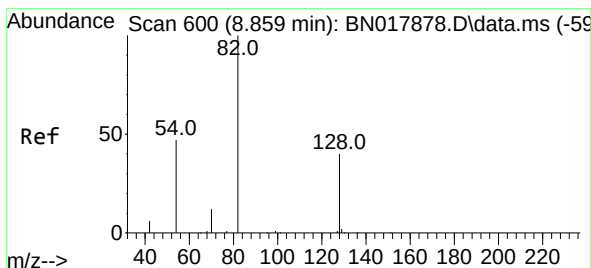
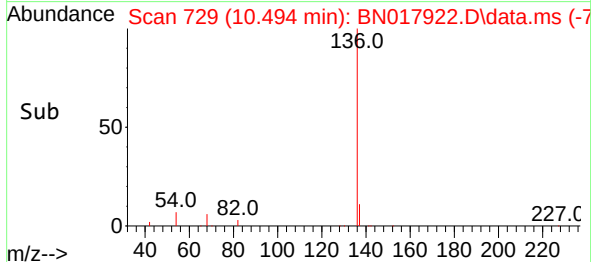
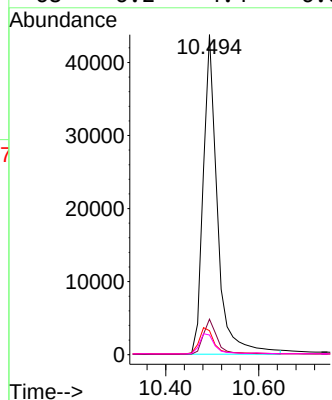
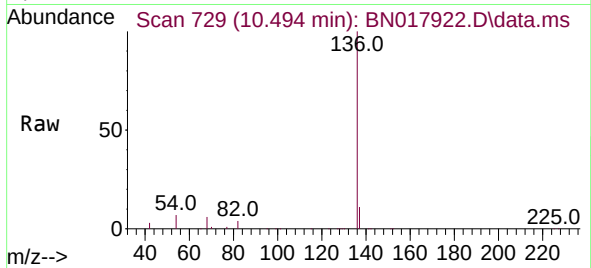




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

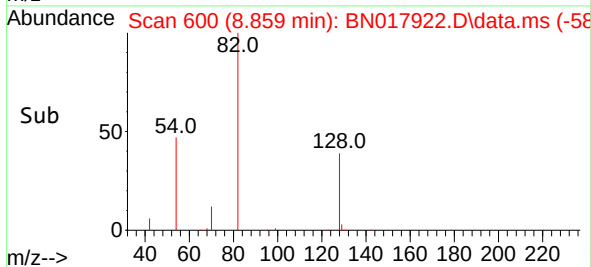
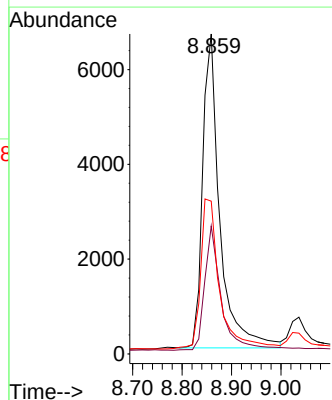
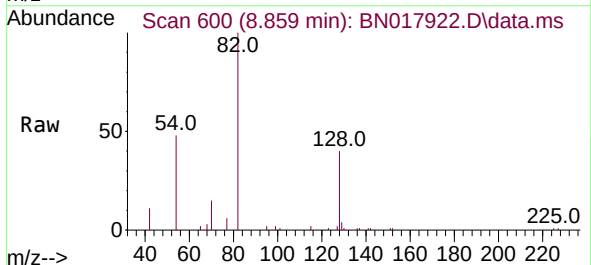
Instrument :
BNA_N
ClientSampleId :
MW179D1-20211206

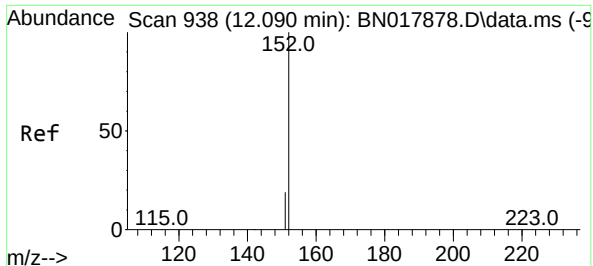
Tgt Ion:	136	Resp:	93238
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.5	5.1	7.7
68	6.2	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

Tgt Ion:	82	Resp:	16006
Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.2	48.4
54	47.7	37.6	56.4

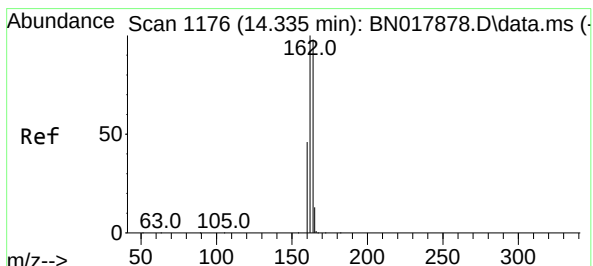
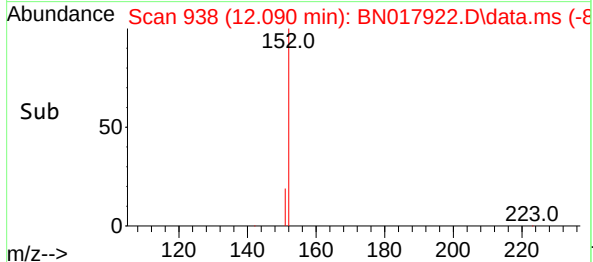
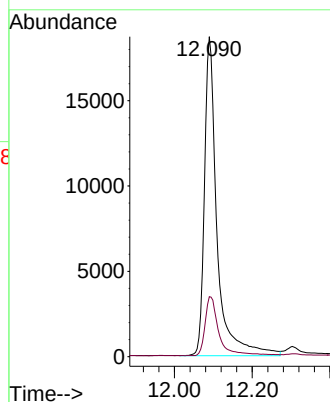
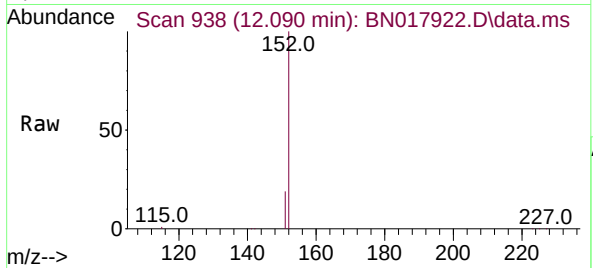




#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 12.090 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

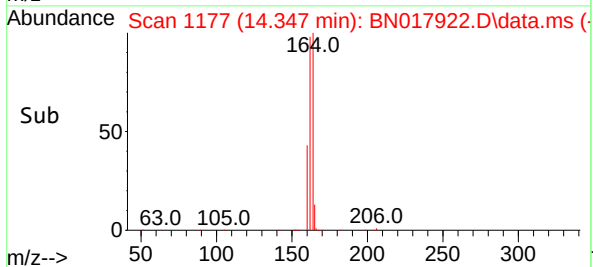
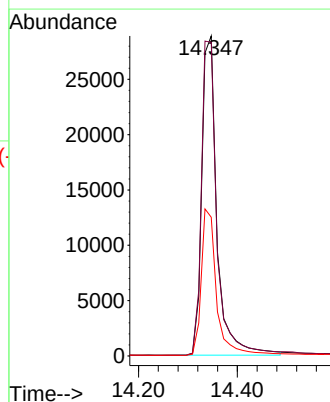
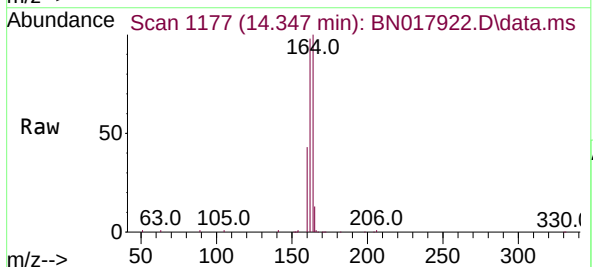
Instrument :
BNA_N
ClientSampleId :
MW179D1-20211206

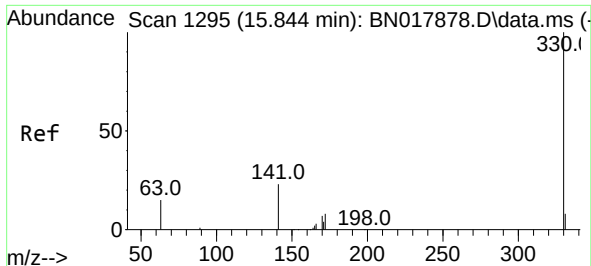
Tgt Ion:152 Resp: 42049
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. 0.013 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

Tgt Ion:164 Resp: 61754
Ion Ratio Lower Upper
164 100
162 98.0 82.1 123.1
160 43.3 38.2 57.2

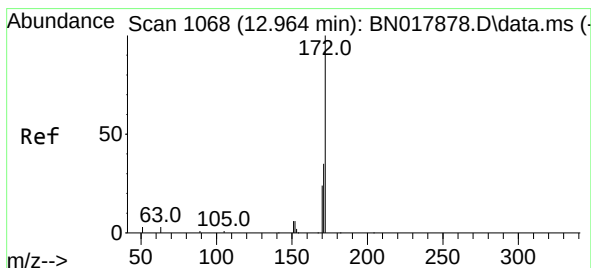
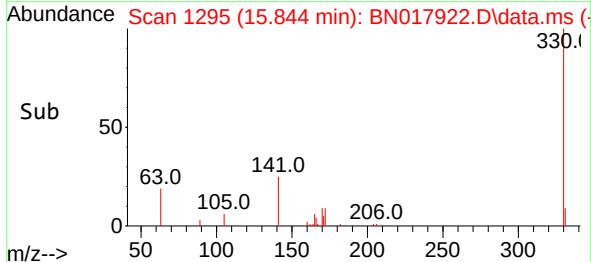
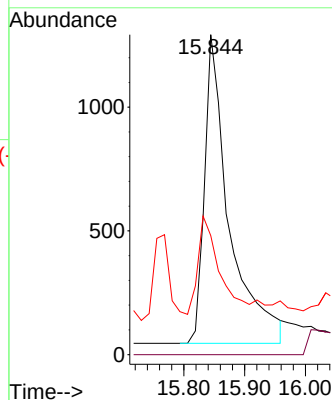
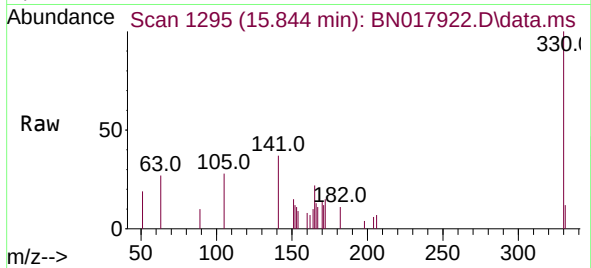




#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 15.844 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

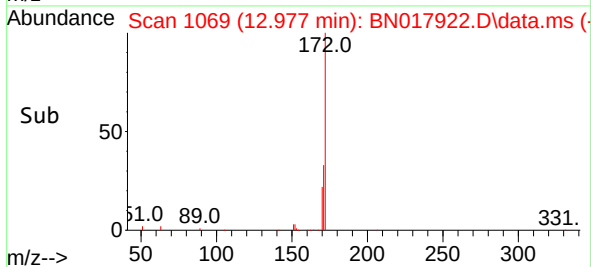
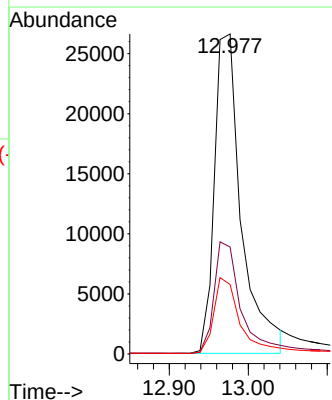
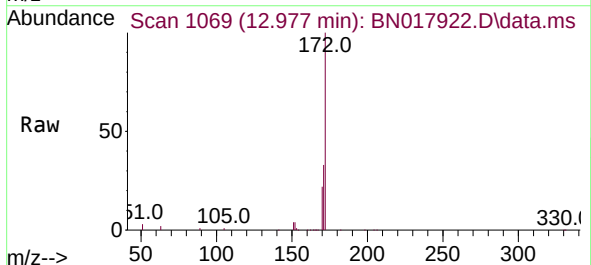
Instrument :
BNA_N
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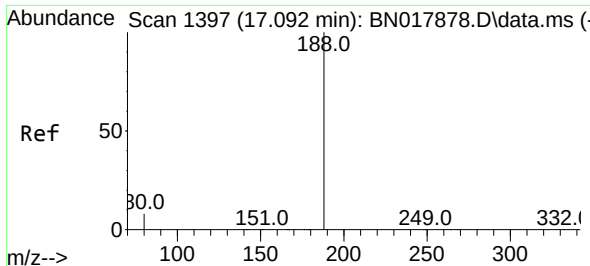
Tgt Ion: 330 Resp: 3521
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.6 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

Tgt Ion: 172 Resp: 63194
Ion Ratio Lower Upper
172 100
171 33.4 28.3 42.5
170 21.7 19.1 28.7

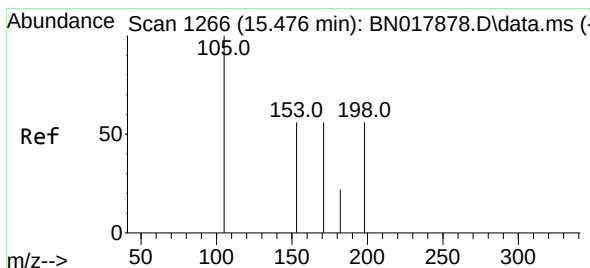
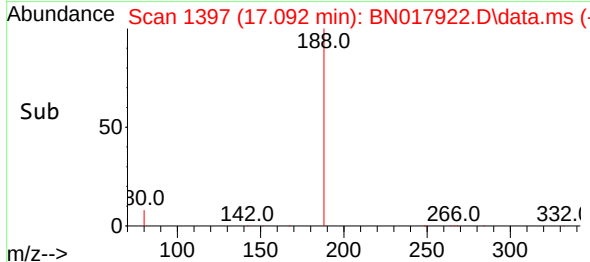
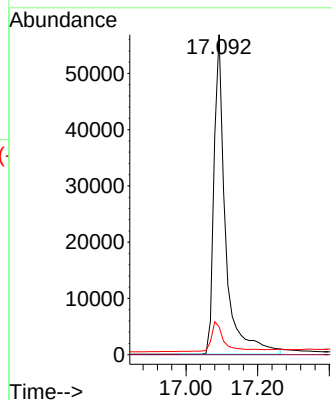
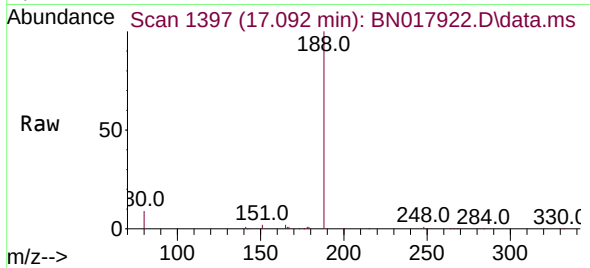




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

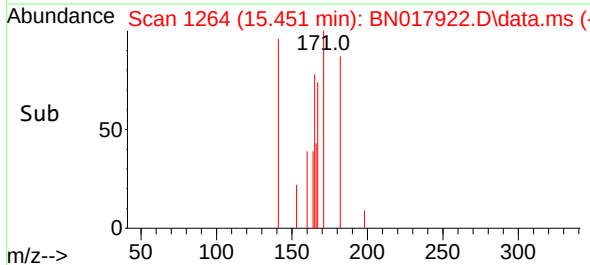
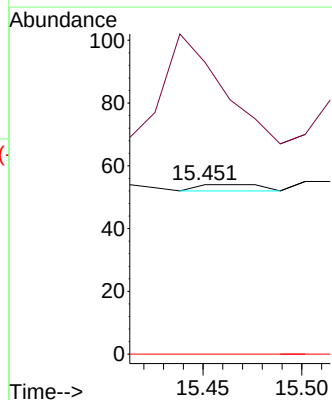
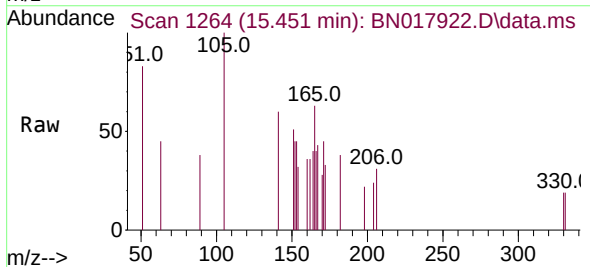
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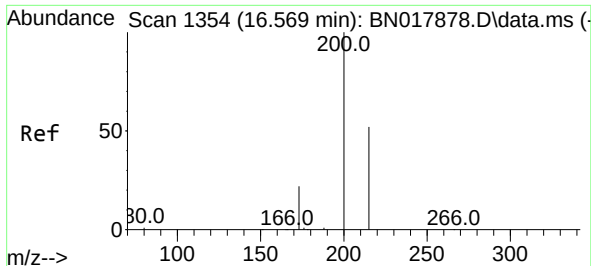
Tgt Ion:188 Resp: 126735
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 1264
Delta R.T. -0.025 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 172.2 70.8 106.2#
77 0.0 0.0 0.0

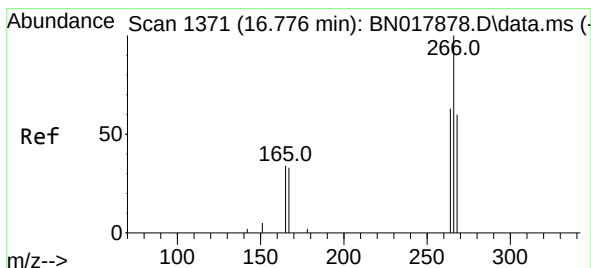
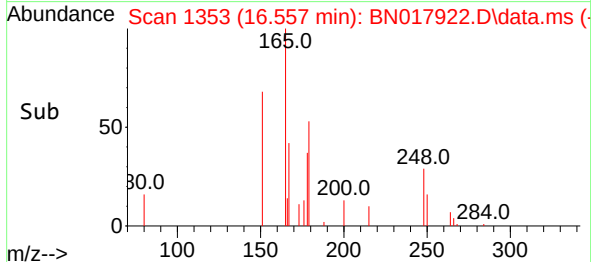
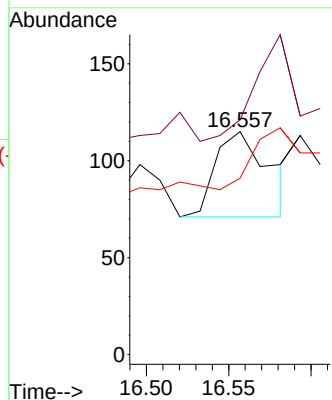
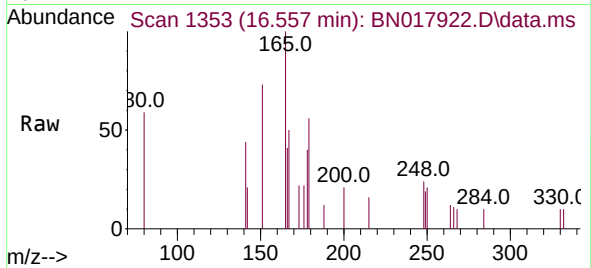




#23
 Atrazine
 Concen: 0.093 ng
 RT: 16.557 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN017922.D
 Acq: 12 Dec 2021 02:17

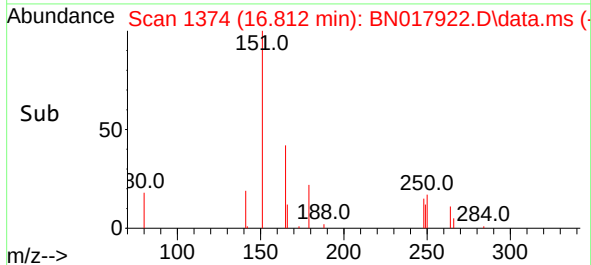
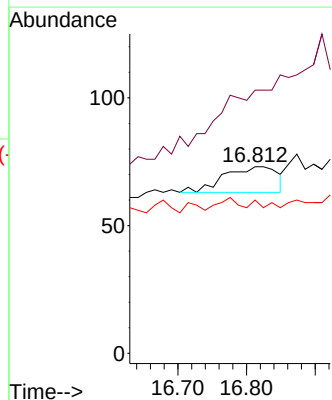
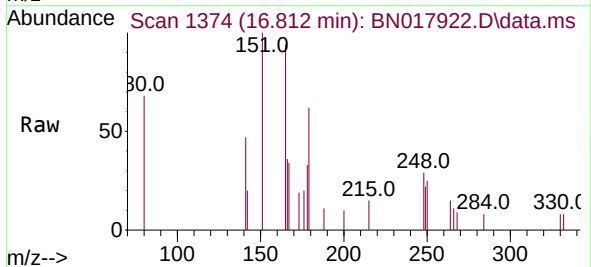
Instrument :
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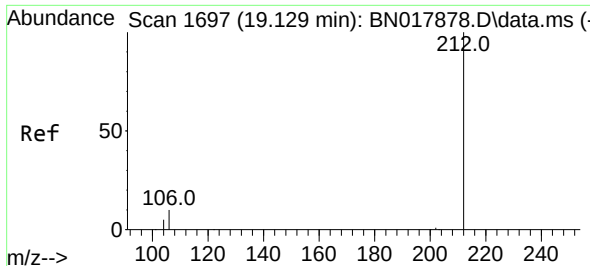
Tgt Ion:200 Resp: 99
 Ion Ratio Lower Upper
 200 100
 173 105.2 18.2 27.2#
 215 79.1 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.111 ng
 RT: 16.812 min Scan# 1374
 Delta R.T. 0.036 min
 Lab File: BN017922.D
 Acq: 12 Dec 2021 02:17

Tgt Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 7.4 53.7 80.5#

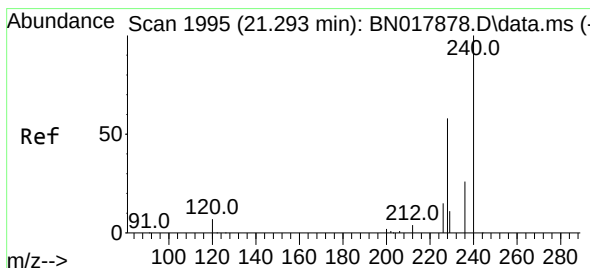
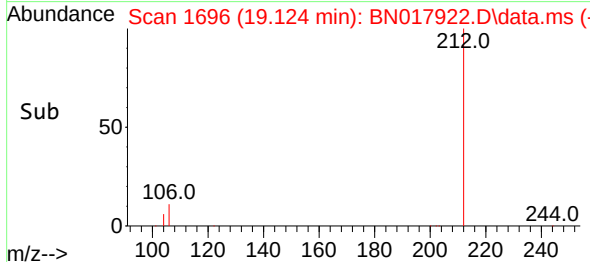
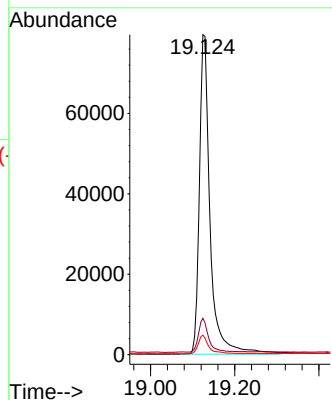
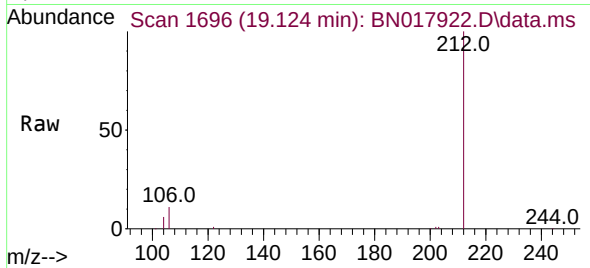




#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.124 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

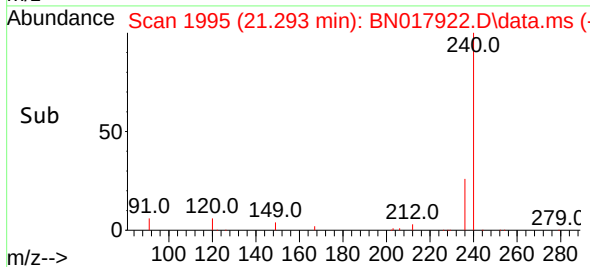
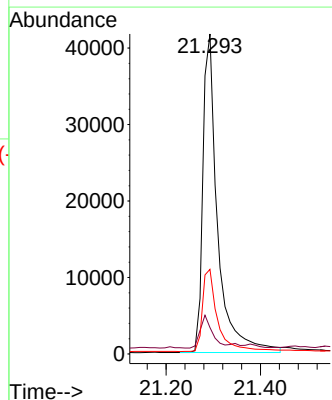
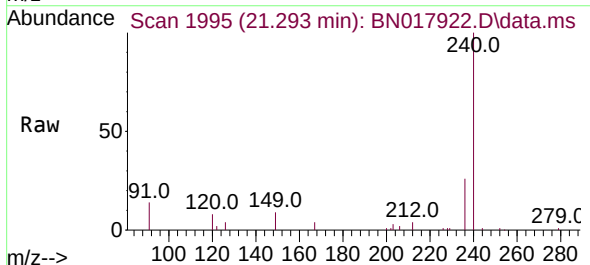
Instrument :
BNA_N
ClientSampleId :
MW179D1-20211206

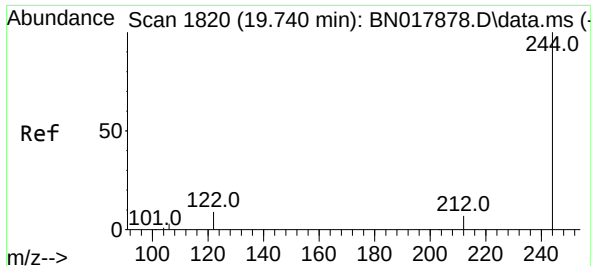
Tgt Ion:212 Resp: 140937
Ion Ratio Lower Upper
212 100
106 9.9 8.3 12.5
104 5.7 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

Tgt Ion:240 Resp: 90278
Ion Ratio Lower Upper
240 100
120 8.2 5.8 8.8
236 26.5 21.0 31.6

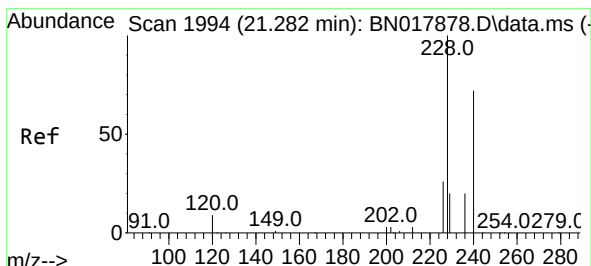
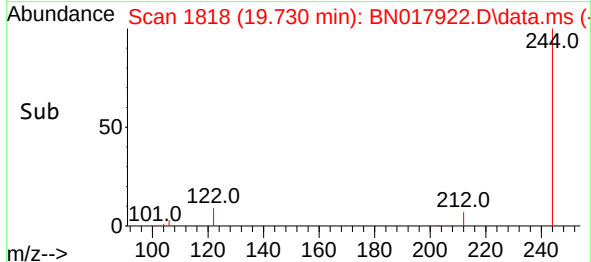
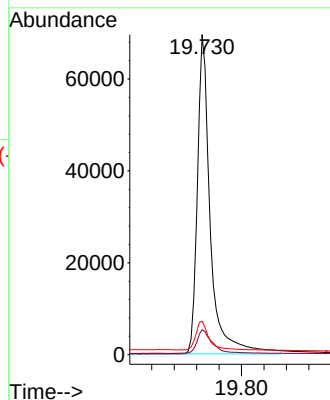
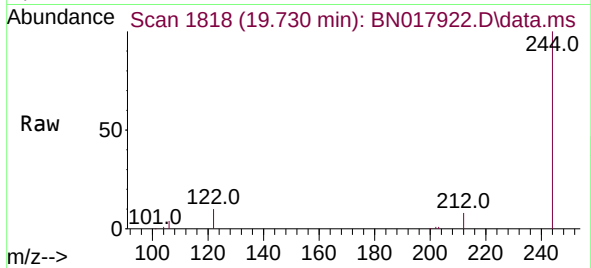




#31
 Terphenyl-d14
 Concen: 0.500 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017922.D
 Acq: 12 Dec 2021 02:17

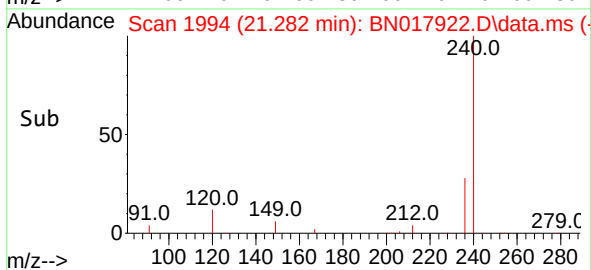
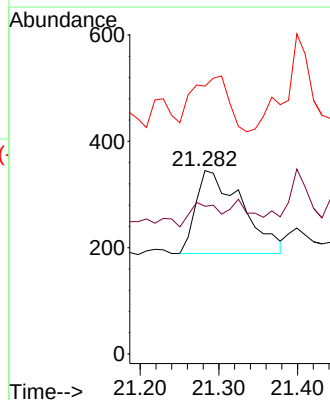
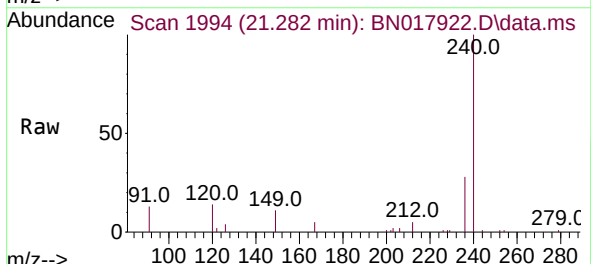
Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20211206

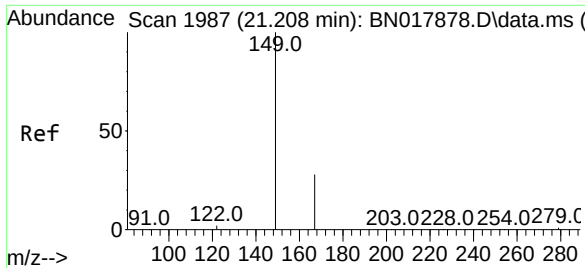
Tgt Ion:244 Resp: 111202
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.5 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.282 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: BN017922.D
 Acq: 12 Dec 2021 02:17

Tgt Ion:228 Resp: 639
 Ion Ratio Lower Upper
 228 100
 226 80.6 21.0 31.4#
 229 146.1 15.8 23.8#

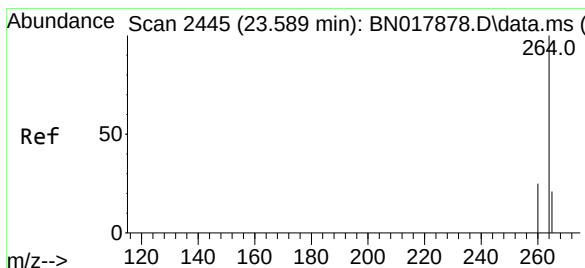
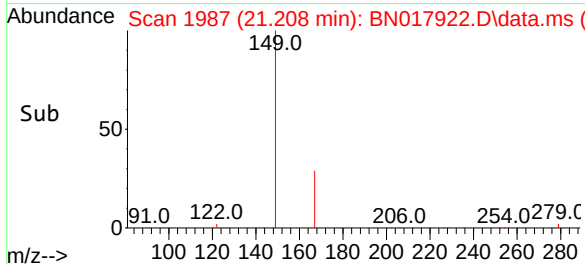
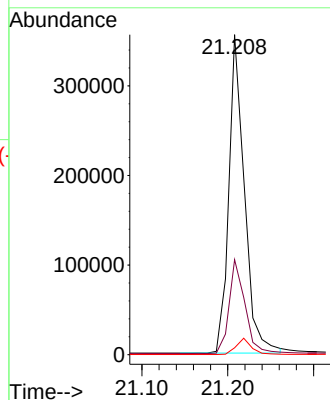
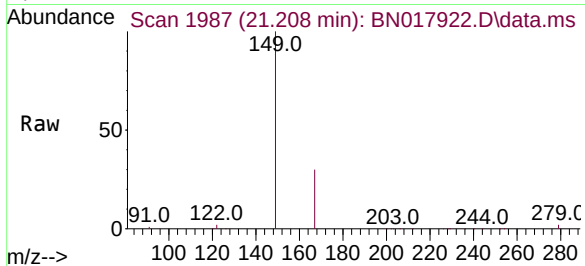




#34
Bis(2-ethylhexyl)phthalate
Concen: 4.630 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

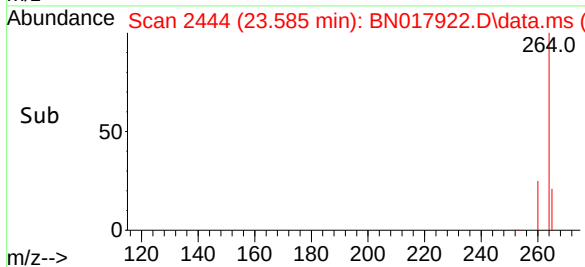
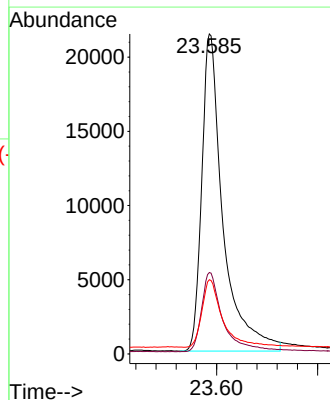
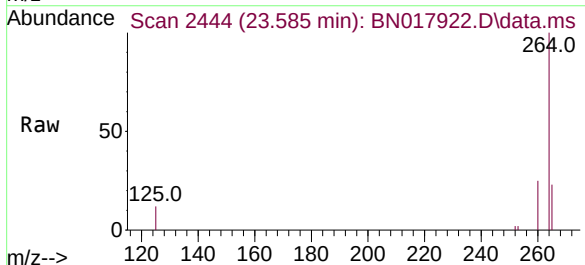
Instrument :
BNA_N
ClientSampleId :
MW179D1-20211206

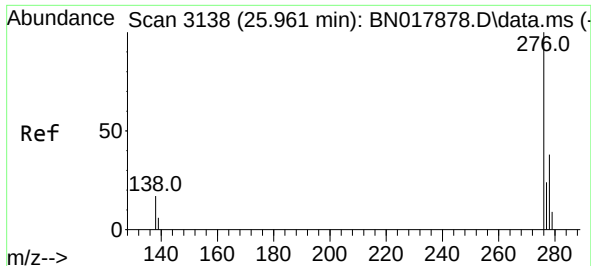
Tgt Ion:149 Resp: 448722
Ion Ratio Lower Upper
149 100
167 30.1 23.4 35.0
279 5.0 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.585 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BN017922.D
Acq: 12 Dec 2021 02:17

Tgt Ion:264 Resp: 62360
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.4
265 23.2 18.2 27.4

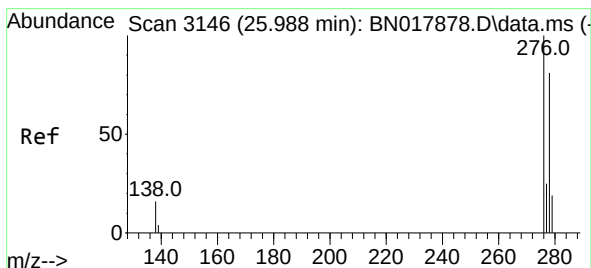
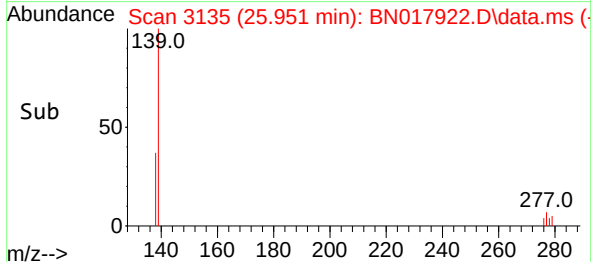
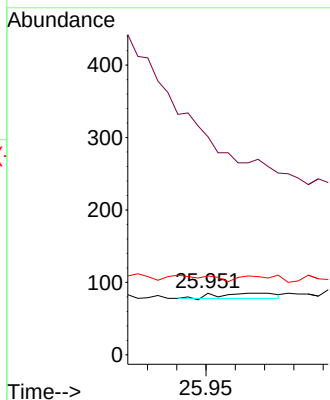
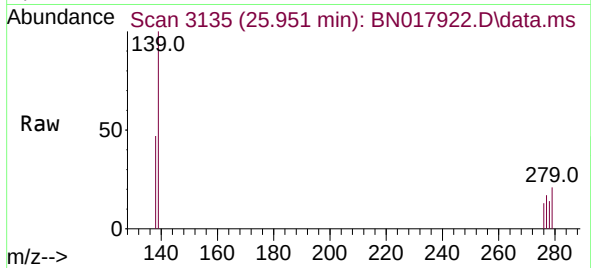




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.951 min Scan# 3138
 Delta R.T. -0.010 min
 Lab File: BN017922.D
 Acq: 12 Dec 2021 02:17

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20211206

Tgt Ion:276 Resp: 9
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 233.3 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.975 min Scan# 3142
 Delta R.T. -0.013 min
 Lab File: BN017922.D
 Acq: 12 Dec 2021 02:17

Tgt Ion:278 Resp: 5
 Ion Ratio Lower Upper
 278 100
 139 549.5 12.0 18.0#
 279 137.4 20.8 31.2#

