

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017916.D
 Acq On : 11 Dec 2021 22:38
 Operator : CG/JU
 Sample : M4957-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20211206

Quant Time: Dec 12 02:51:45 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)

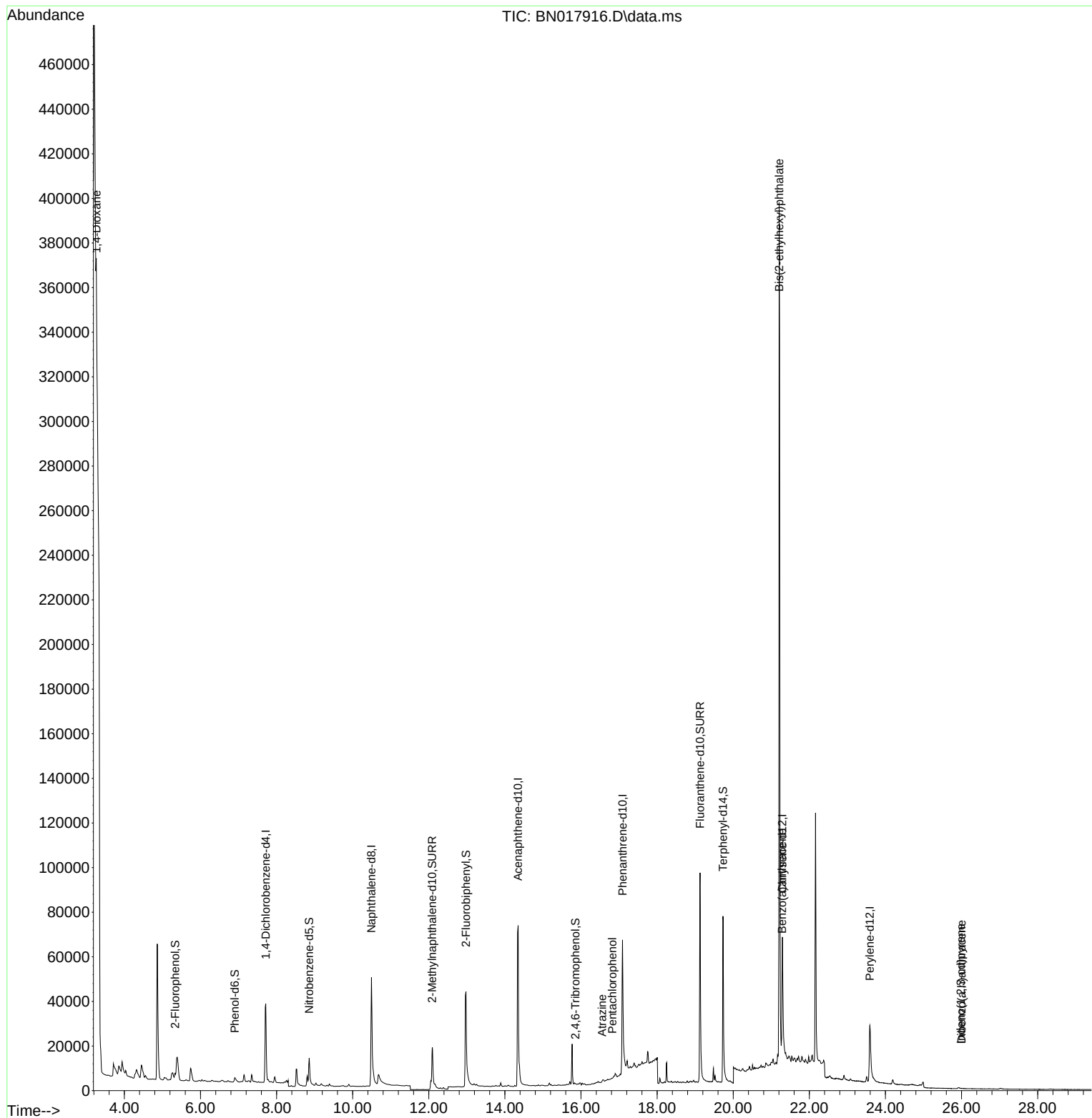
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	22950	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	87281	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	59562	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	122825	0.400	ng	0.00
29) Chrysene-d12	21.293	240	83003	0.400	ng	# 0.00
35) Perylene-d12	23.592	264	55132	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	4109	0.087	ng	0.00
5) Phenol-d6	6.903	99	2174	0.046	ng	0.00
8) Nitrobenzene-d5	8.859	82	14377	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	50019	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	98	0.336	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	59773	0.285	ng	0.01
27) Fluoranthene-d10	19.129	212	138373	0.348	ng	0.00
31) Terphenyl-d14	19.730	244	107441	0.525	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	45267	6.500	ng	Qvalue 93
20) 4,6-Dinitro-2-methylph...	15.463	198	5	Below Cal	#	38
23) Atrazine	16.557	200	82	0.093	ng	# 1
24) Pentachlorophenol	16.824	266	58	0.114	ng	# 33
32) Benzo(a)anthracene	21.282	228	688	0.052	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.208	149	407763	4.576	ng	99
36) Indeno(1,2,3-cd)pyrene	25.981	276	10	0.089	ng	# 76
40) Dibenzo(a,h)anthracene	26.002	278	5	0.101	ng	# 1

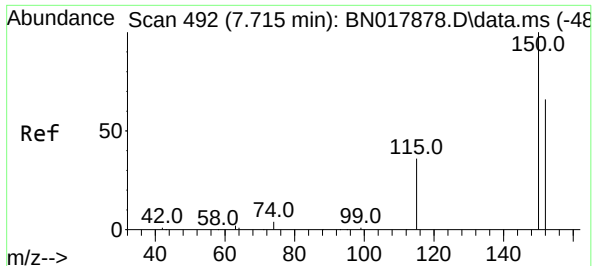
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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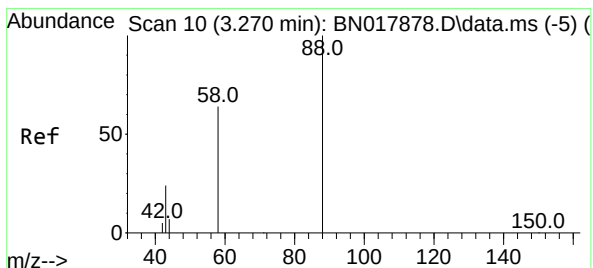
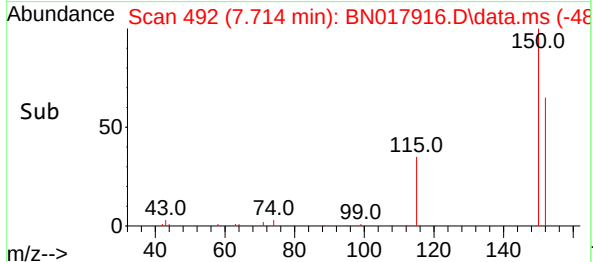
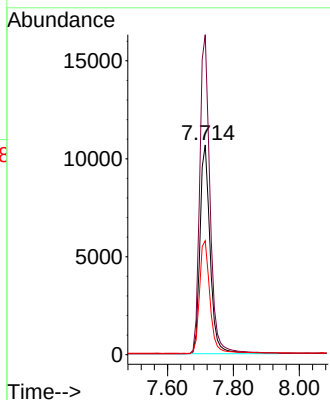
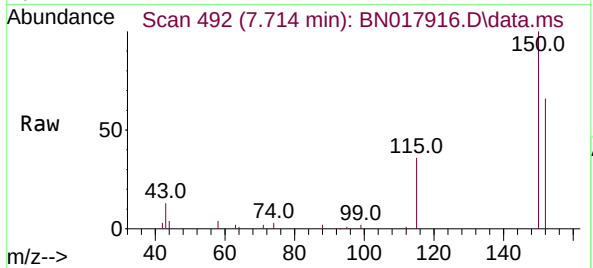




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 492
 Delta R.T. -0.001 min
 Lab File: BN017916.D
 Acq: 11 Dec 2021 22:38

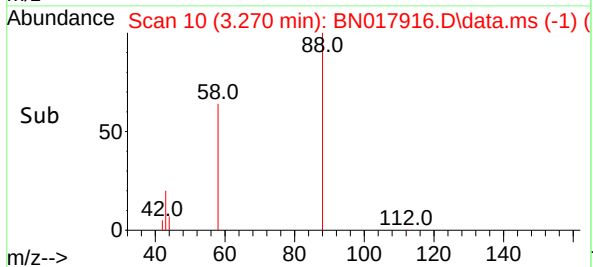
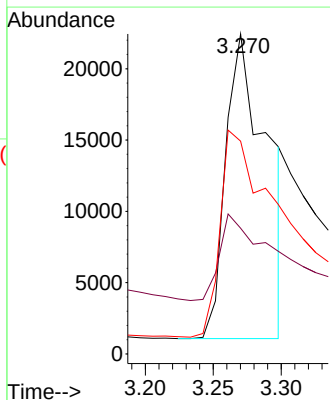
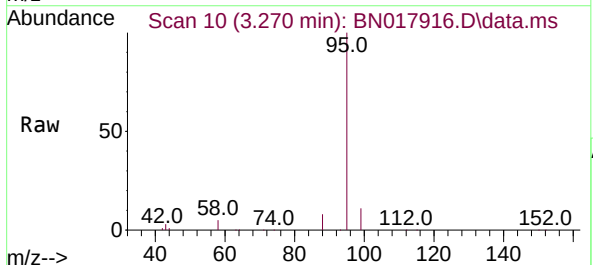
Instrument :
 BNA_N
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 RW4-20211206

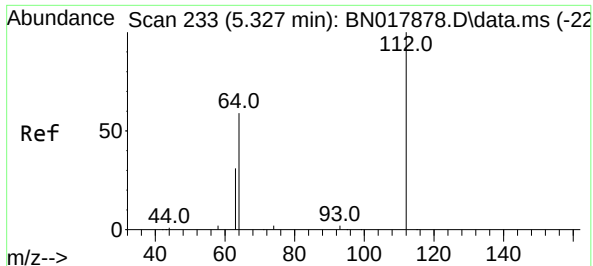
Tgt Ion:152 Resp: 22950
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.9 182.9
 115 54.4 44.1 66.1



#2
 1,4-Dioxane
 Concen: 6.500 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017916.D
 Acq: 11 Dec 2021 22:38

Tgt Ion: 88 Resp: 45267
 Ion Ratio Lower Upper
 88 100
 43 30.1 28.0 42.0
 58 76.2 65.4 98.0

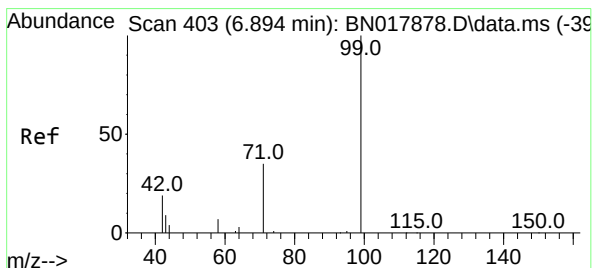
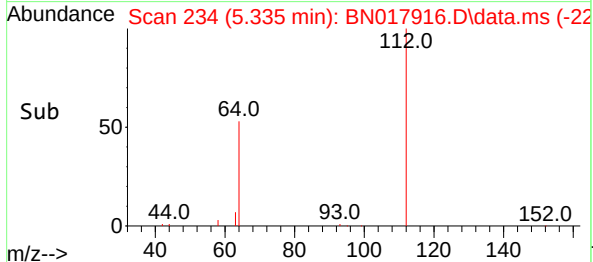
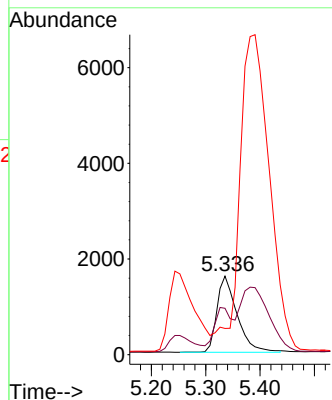
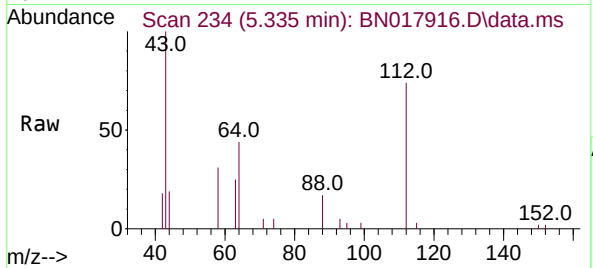




#4
2-Fluorophenol
Concen: 0.087 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

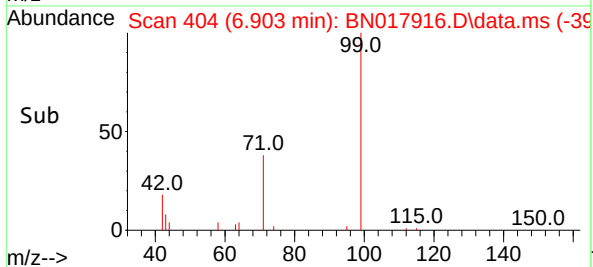
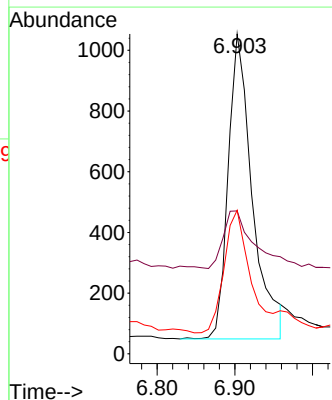
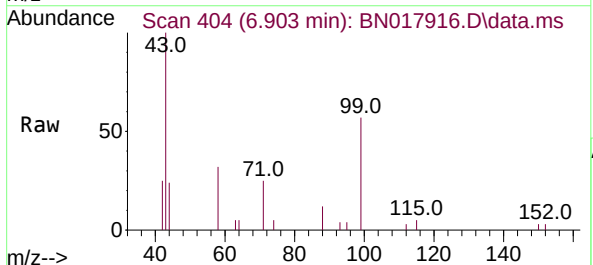
Instrument :
BNA_N
ClientSampleId :
RW4-20211206

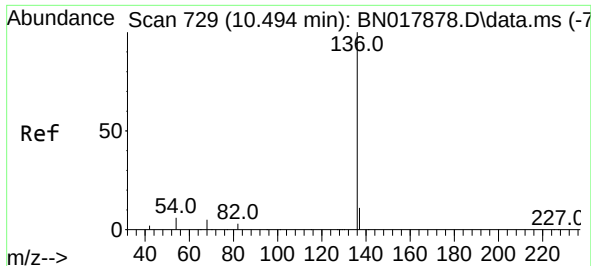
Tgt Ion:112 Resp: 4109
Ion Ratio Lower Upper
112 100
64 43.7 49.0 73.4#
63 0.0 26.2 39.2#



#5
Phenol-d6
Concen: 0.046 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

Tgt Ion: 99 Resp: 2174
Ion Ratio Lower Upper
99 100
42 22.5 17.0 25.4
71 43.3 28.0 42.0#

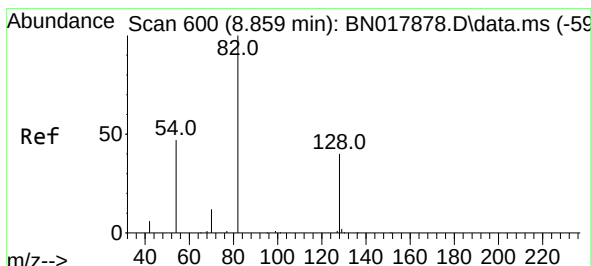
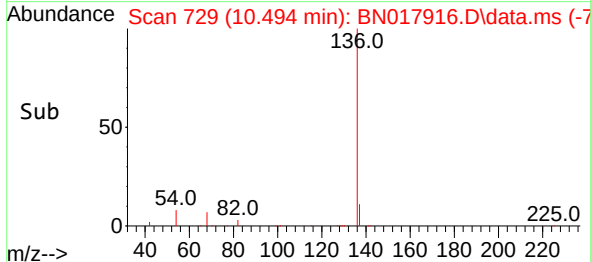
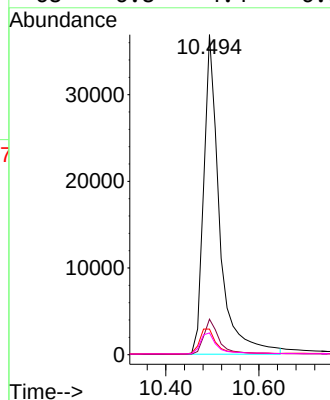
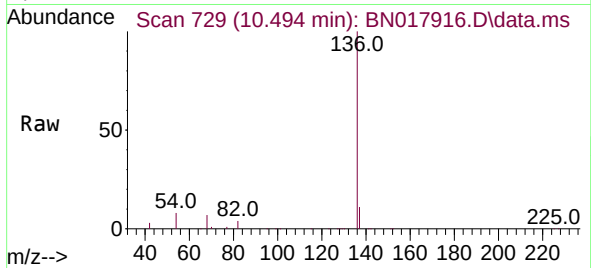




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

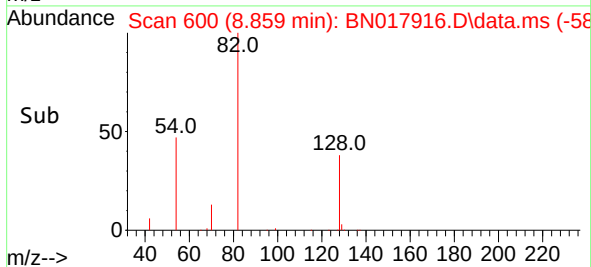
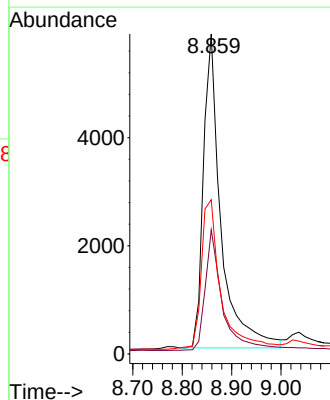
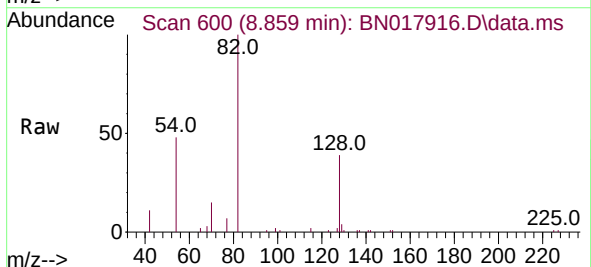
Instrument :
BNA_N
ClientSampleId :
RW4-20211206

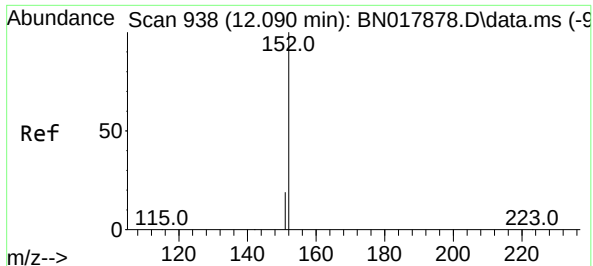
Tgt Ion:136	Resp:	87281
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.0	5.1 7.7#
68	6.8	4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

Tgt Ion: 82	Resp:	14377
Ion Ratio	Lower	Upper
82	100	
128	38.8	32.2 48.4
54	48.2	37.6 56.4





#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 12.094 min Scan# 91

Delta R.T. 0.004 min

Lab File: BN017916.D

Acq: 11 Dec 2021 22:38

Instrument :

BNA_N

ClientSampleId :

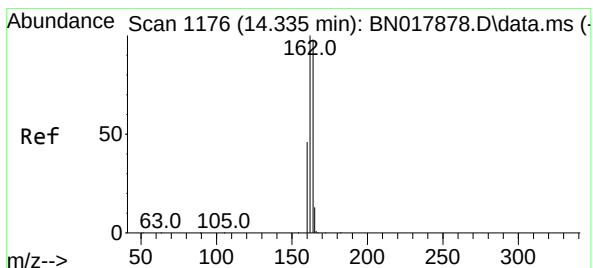
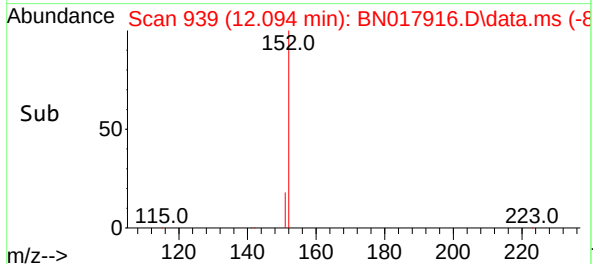
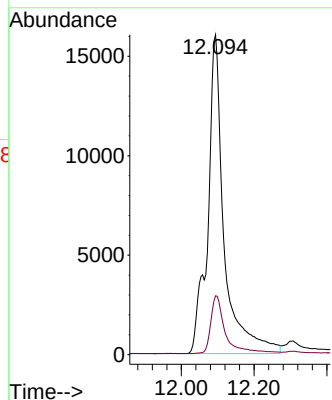
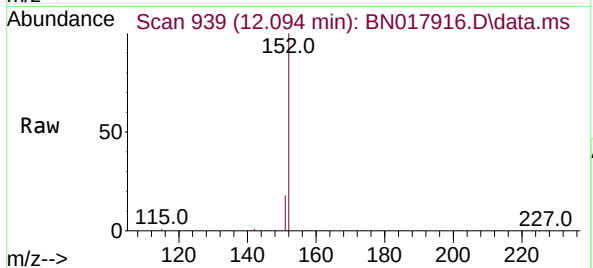
RW4-20211206

Tgt Ion:152 Resp: 50019

Ion Ratio Lower Upper

152 100

151 16.4 16.4 24.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.347 min Scan# 1177

Delta R.T. 0.012 min

Lab File: BN017916.D

Acq: 11 Dec 2021 22:38

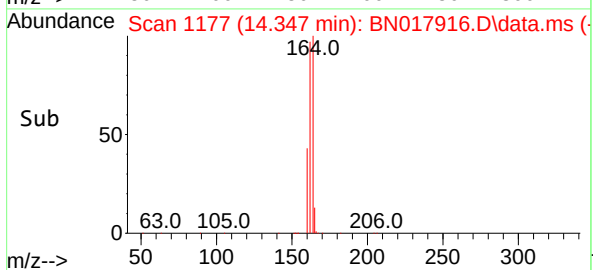
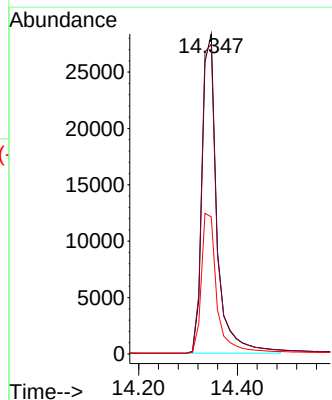
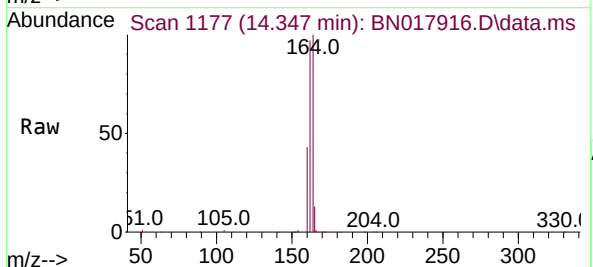
Tgt Ion:164 Resp: 59562

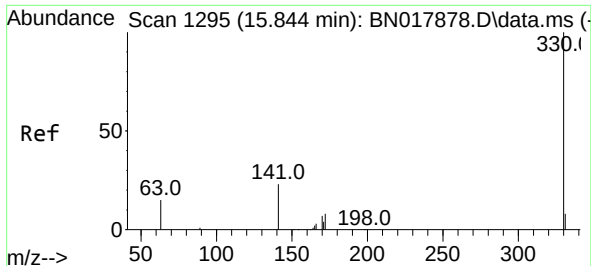
Ion Ratio Lower Upper

164 100

162 96.8 82.1 123.1

160 42.8 38.2 57.2

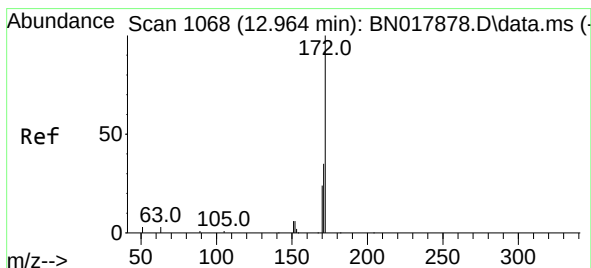
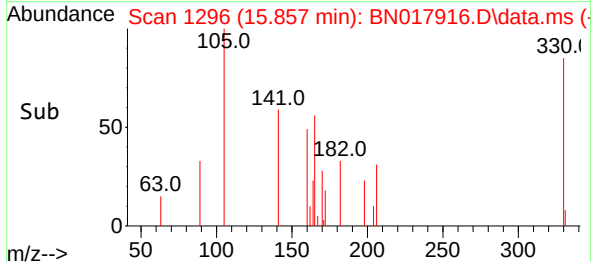
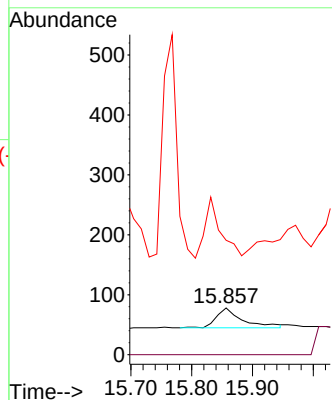
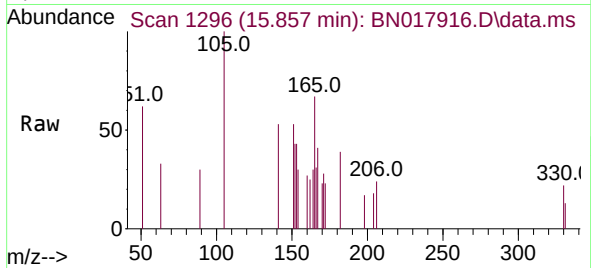




#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.857 min Scan# 1296
Delta R.T. 0.013 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

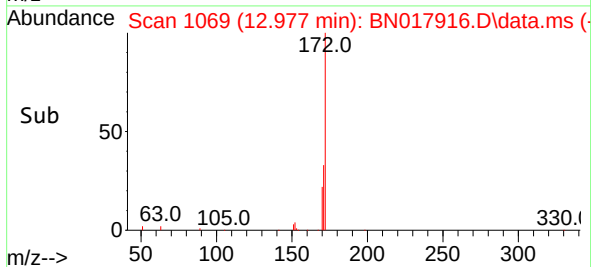
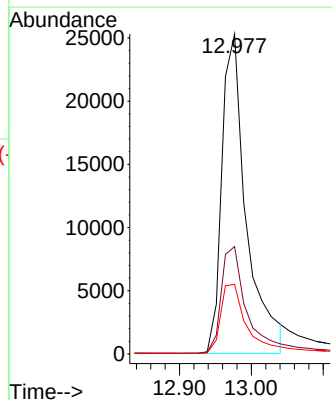
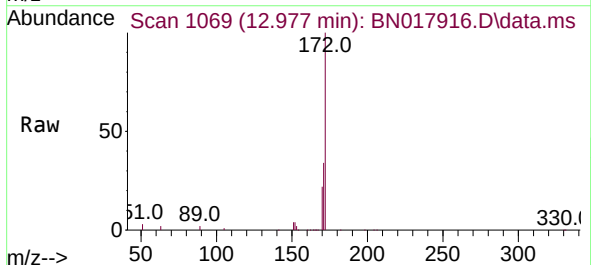
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RW4-20211206

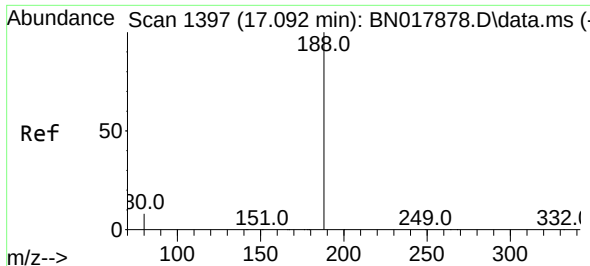
Tgt Ion:330 Resp: 98
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

Tgt Ion:172 Resp: 59773
Ion Ratio Lower Upper
172 100
171 33.5 28.3 42.5
170 21.7 19.1 28.7

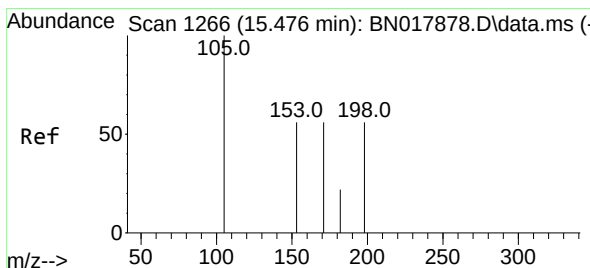
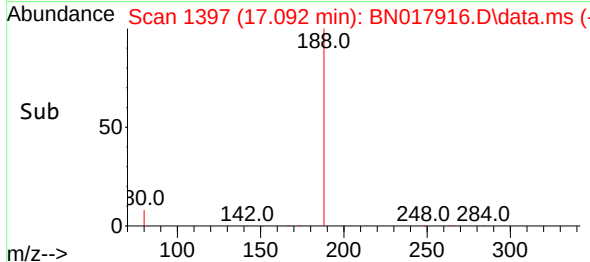
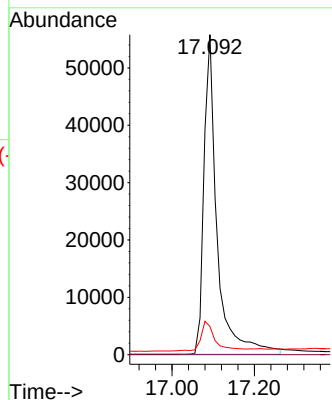
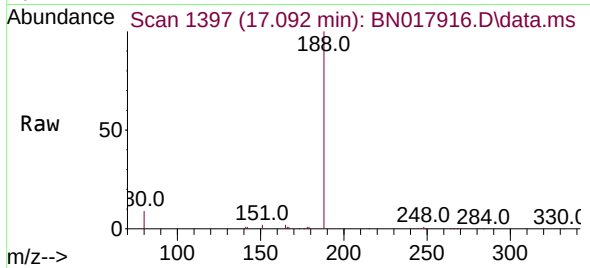




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

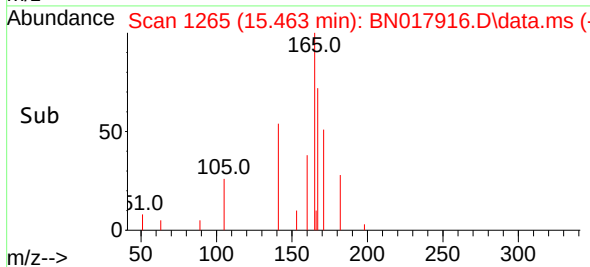
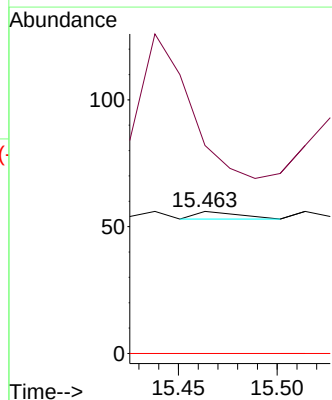
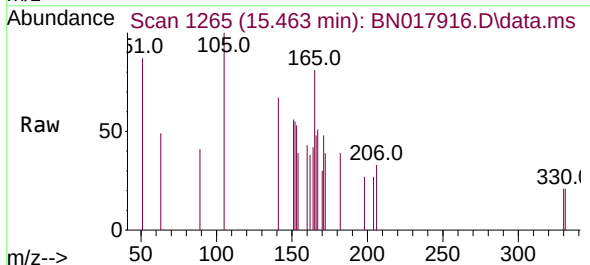
Instrument :
BNA_N
ClientSampleId :
RW4-20211206

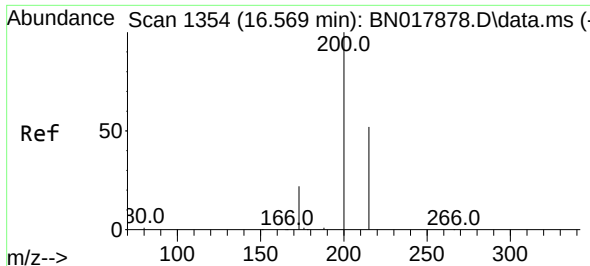
Tgt Ion:188 Resp: 122825
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.463 min Scan# 1265
Delta R.T. -0.013 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 146.4 70.8 106.2#
77 0.0 0.0 0.0

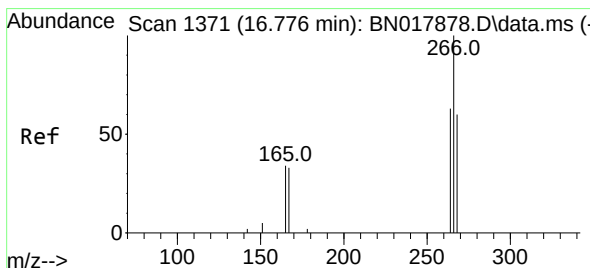
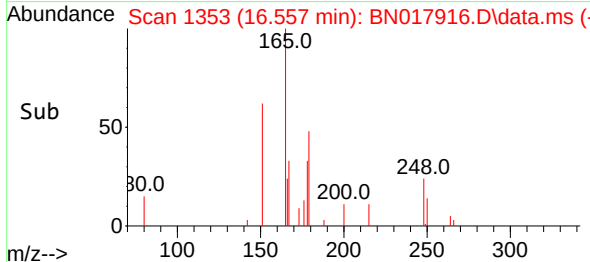
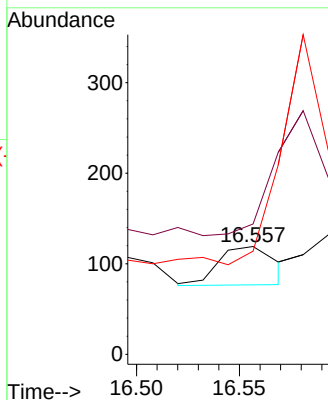
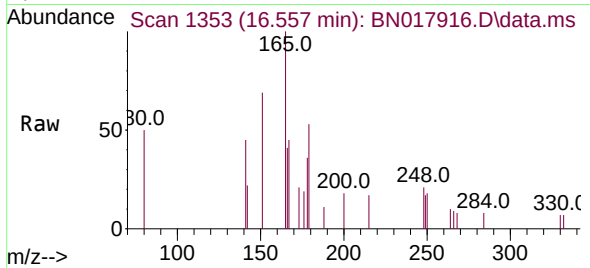




#23
Atrazine
Concen: 0.093 ng
RT: 16.557 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

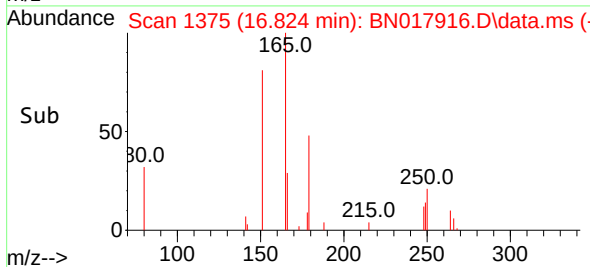
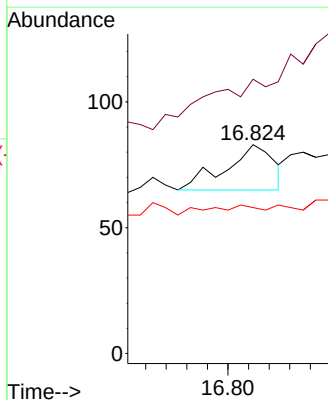
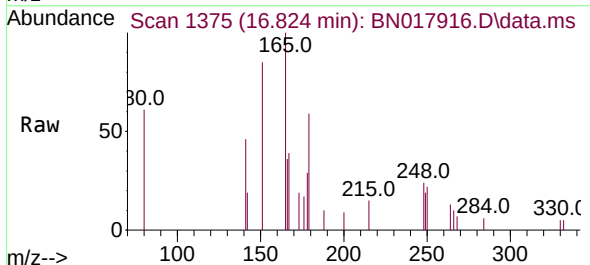
Instrument :
BNA_N
ClientSampleId :
RW4-20211206

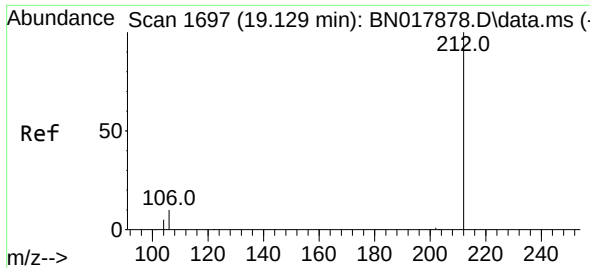
Tgt Ion:200 Resp: 82
Ion Ratio Lower Upper
200 100
173 121.0 18.2 27.2#
215 95.8 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.114 ng
RT: 16.824 min Scan# 1375
Delta R.T. 0.048 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

Tgt Ion:266 Resp: 58
Ion Ratio Lower Upper
266 100
264 0.0 50.6 76.0#
268 24.1 53.7 80.5#

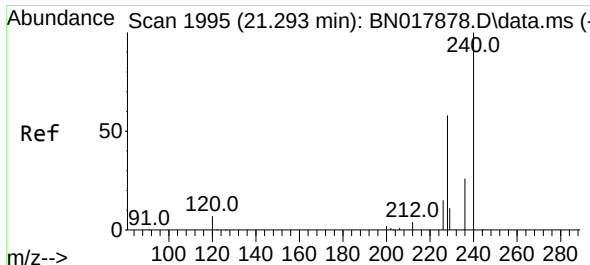
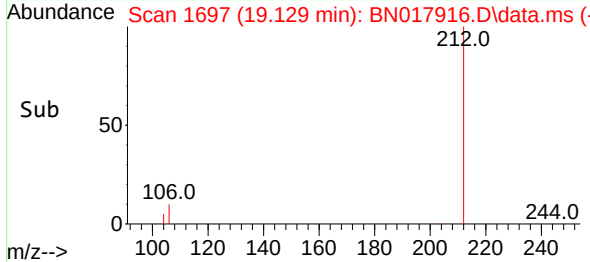
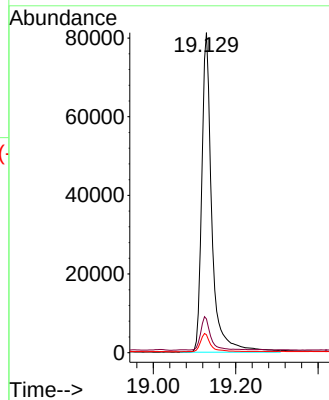
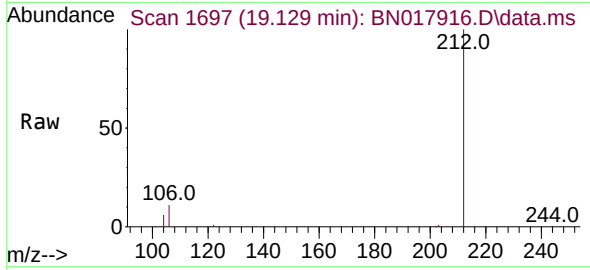




#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

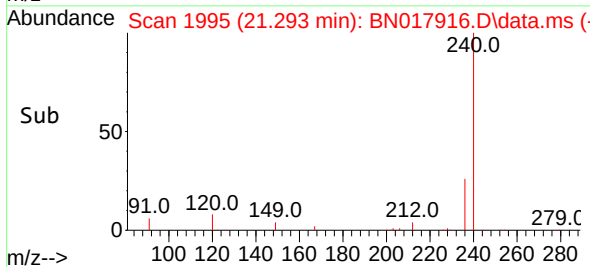
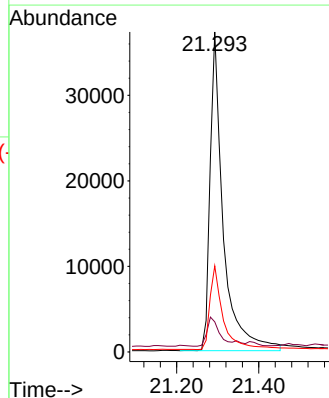
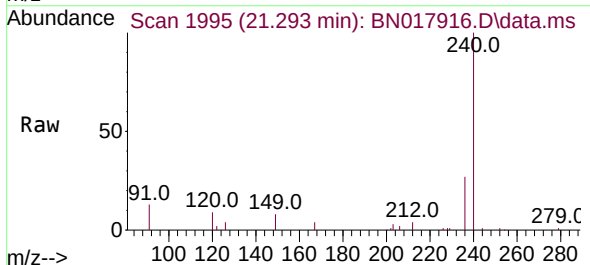
Instrument :
BNA_N
ClientSampleId :
RW4-20211206

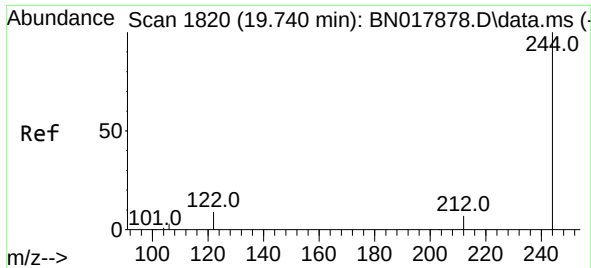
Tgt Ion:212 Resp: 138373
Ion Ratio Lower Upper
212 100
106 10.1 8.3 12.5
104 5.9 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

Tgt Ion:240 Resp: 83003
Ion Ratio Lower Upper
240 100
120 9.4 5.8 8.8#
236 26.9 21.0 31.6

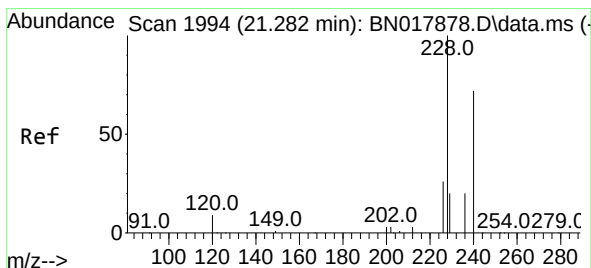
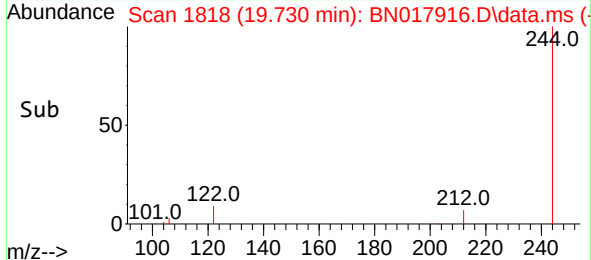
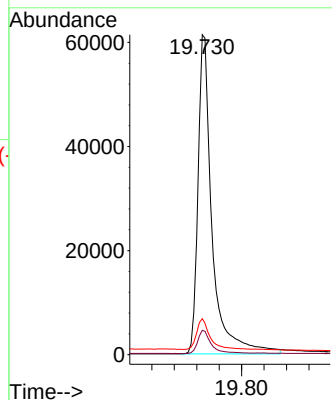
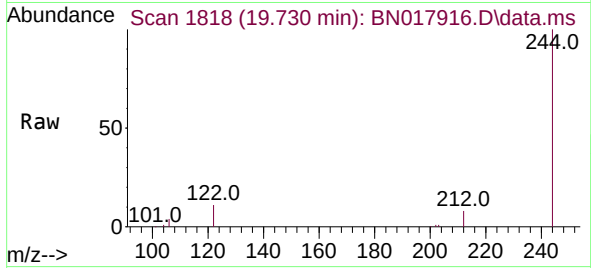




#31
 Terphenyl-d14
 Concen: 0.525 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017916.D
 Acq: 11 Dec 2021 22:38

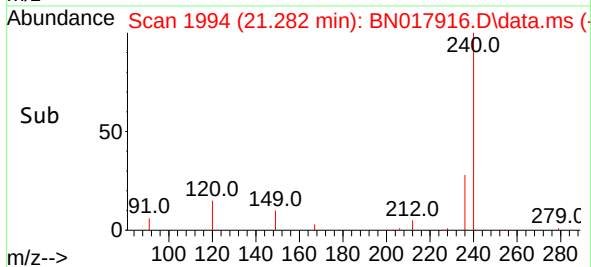
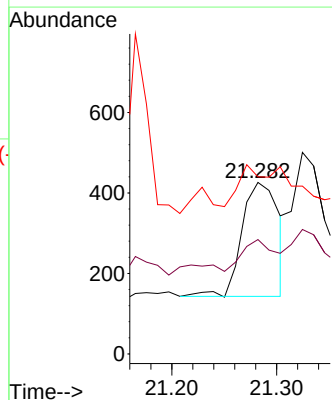
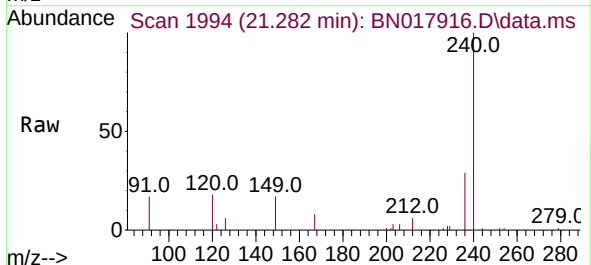
Instrument :
 BNA_N
 ClientSampleId :
 RW4-20211206

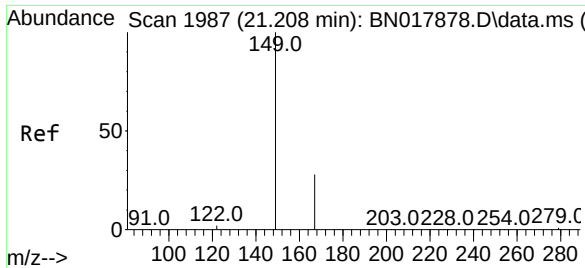
Tgt Ion:244 Resp: 107441
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.2 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.282 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: BN017916.D
 Acq: 11 Dec 2021 22:38

Tgt Ion:228 Resp: 688
 Ion Ratio Lower Upper
 228 100
 226 66.7 21.0 31.4#
 229 103.3 15.8 23.8#

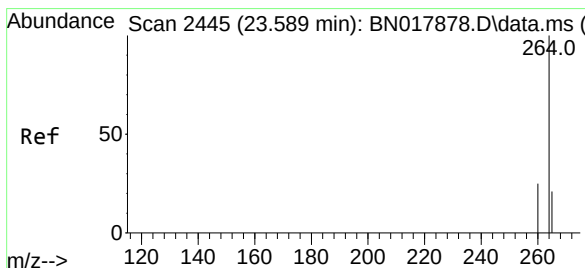
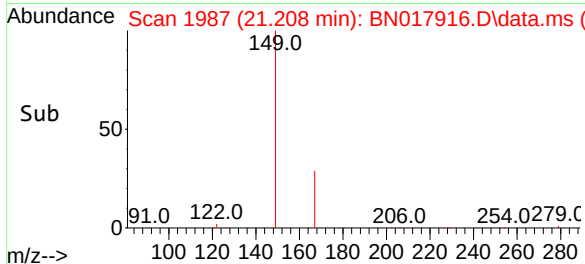
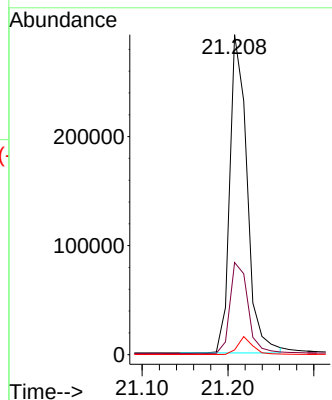
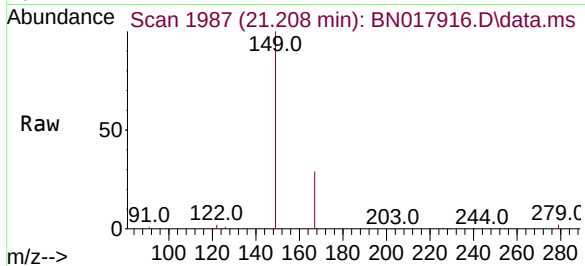




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 4.576 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017916.D
 Acq: 11 Dec 2021 22:38

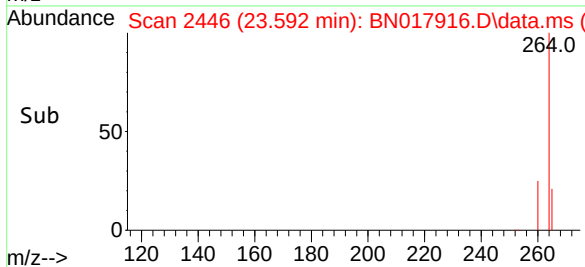
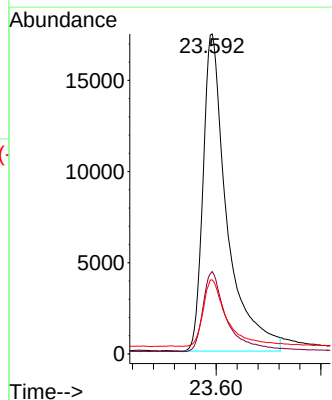
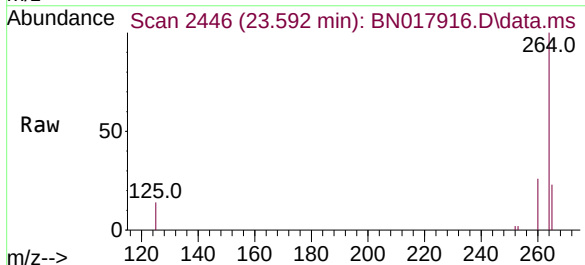
Instrument :
 BNA_N
 ClientSampleId :
 RW4-20211206

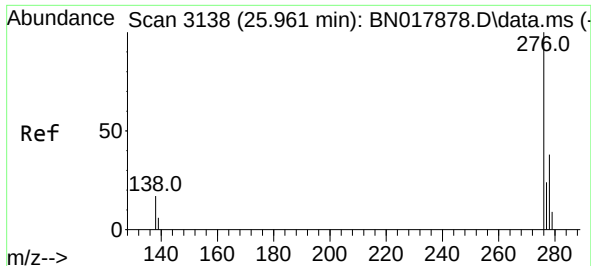
Tgt Ion:149 Resp: 407763
 Ion Ratio Lower Upper
 149 100
 167 29.9 23.4 35.0
 279 4.9 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2446
 Delta R.T. 0.003 min
 Lab File: BN017916.D
 Acq: 11 Dec 2021 22:38

Tgt Ion:264 Resp: 55132
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.4
 265 23.2 18.2 27.4

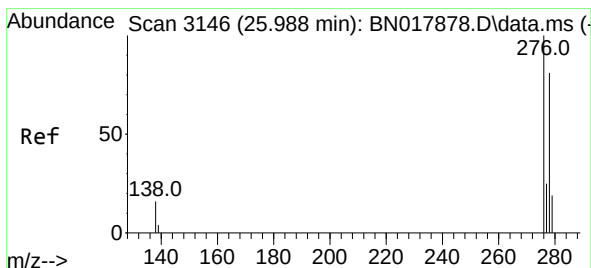
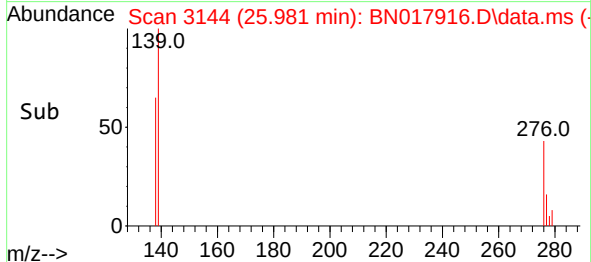
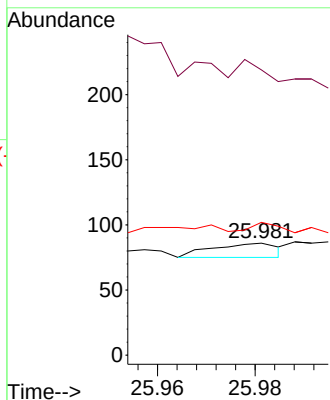
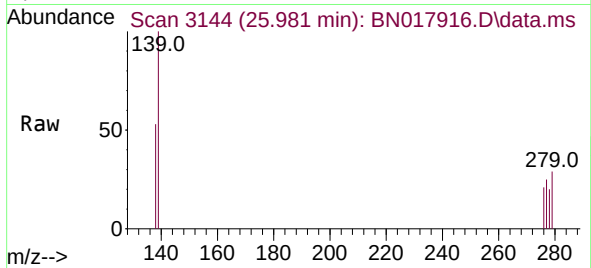




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.981 min Scan# 3138
 Delta R.T. 0.020 min
 Lab File: BN017916.D
 Acq: 11 Dec 2021 22:38

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20211206

Tgt Ion:276 Resp: 10
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 30.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 26.002 min Scan# 3150
 Delta R.T. 0.014 min
 Lab File: BN017916.D
 Acq: 11 Dec 2021 22:38

Tgt Ion:278 Resp: 5
 Ion Ratio Lower Upper
 278 100
 139 458.6 12.0 18.0#
 279 137.9 20.8 31.2#

