

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
 Data File : BN020627.D
 Acq On : 02 Jul 2022 13:53
 Operator : CG/JU
 Sample : N3485-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20220623

Quant Time: Jul 04 02:38:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

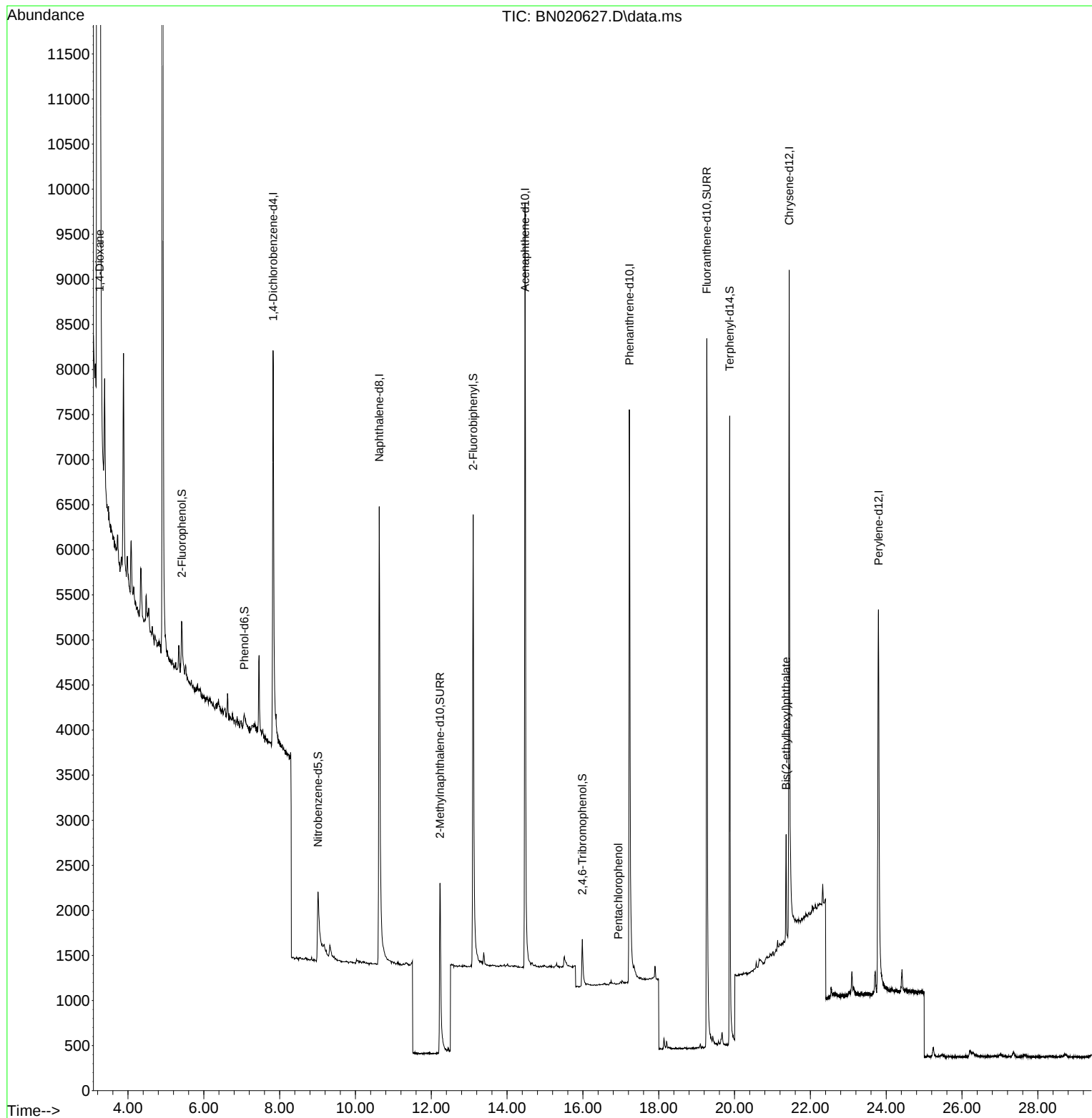
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	3086	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	9595	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	5591	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	11691	0.400	ng	# 0.00
29) Chrysene-d12	21.440	240	9254	0.400	ng	0.00
35) Perylene-d12	23.796	264	7599	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.421	112	809	0.094	ng	0.00
5) Phenol-d6	7.067	99	374	0.037	ng	0.04
8) Nitrobenzene-d5	9.014	82	1476	0.190	ng	0.02
11) 2-Methylnaphthalene-d10	12.231	152	4110	0.250	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	410	0.195	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	5731	0.248	ng	0.00
27) Fluoranthene-d10	19.270	212	11009	0.317	ng	0.00
31) Terphenyl-d14	19.872	244	8916	0.403	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	13644	3.373	ng	Qvalue 94
24) Pentachlorophenol	16.938	266	8	0.187	ng	# 25
34) Bis(2-ethylhexyl)phtha...	21.360	149	1211	0.065	ng	96

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

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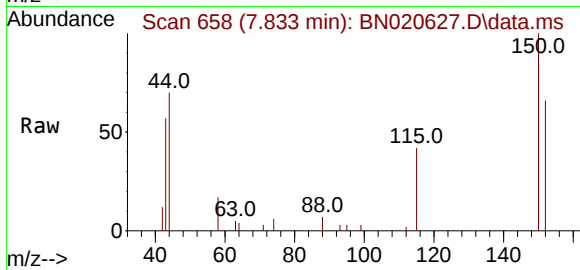
Quant Time: Jul 04 02:38:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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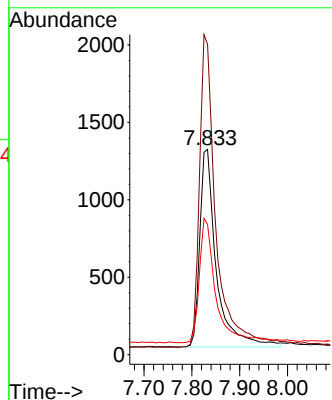
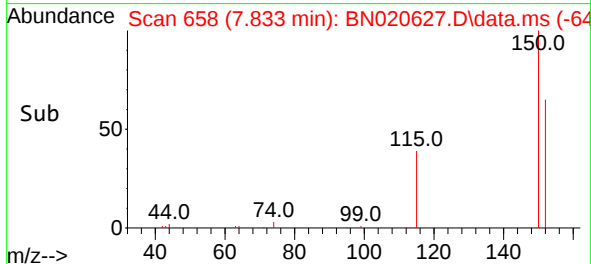


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. 0.008 min
 Lab File: BN020627.D
 Acq: 02 Jul 2022 13:53

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20220623

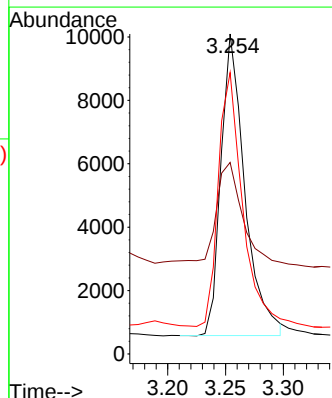
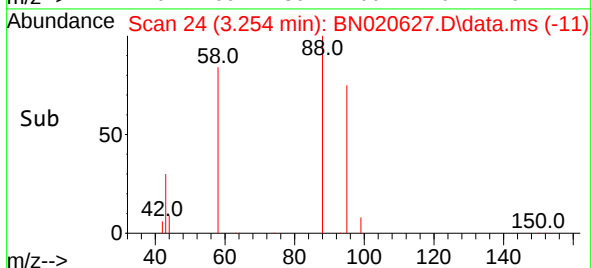
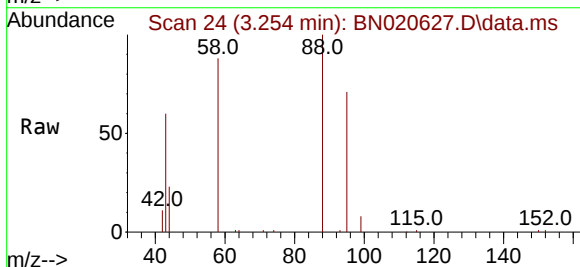


Tgt Ion:152 Resp: 3086
 Ion Ratio Lower Upper
 152 100
 150 151.2 127.9 191.9
 115 63.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 3.373 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN020627.D
 Acq: 02 Jul 2022 13:53

Tgt Ion: 88 Resp: 13644
 Ion Ratio Lower Upper
 88 100
 43 34.2 30.2 45.2
 58 84.9 73.0 109.6

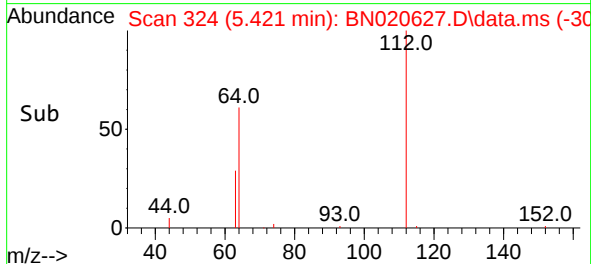
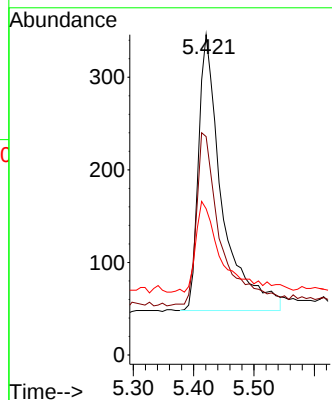
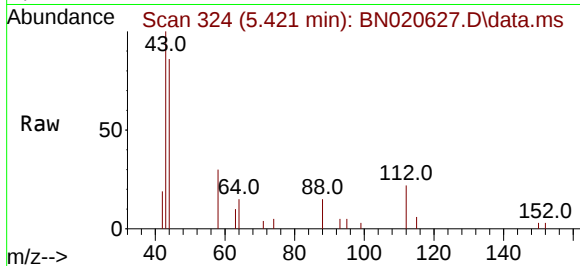




#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.421 min Scan# 314
Delta R.T. 0.007 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

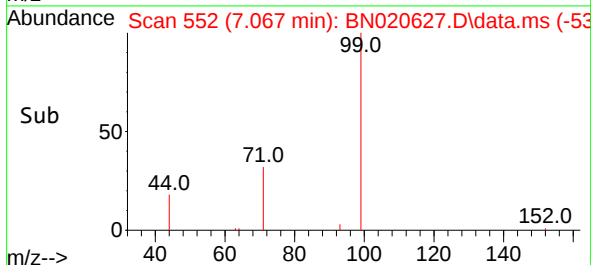
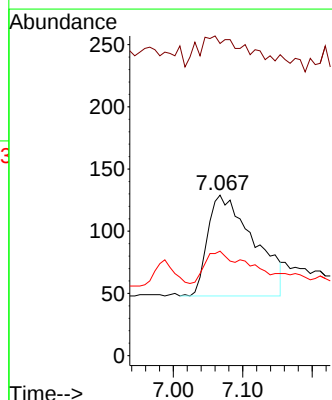
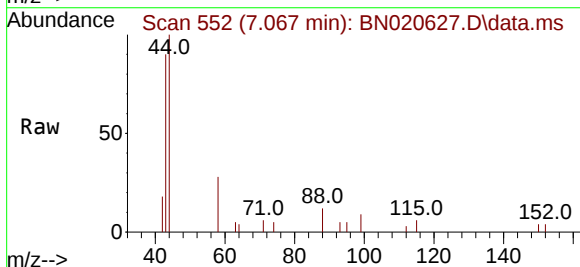
Instrument :
BNA_N
ClientSampleId :
RW4-20220623

Tgt Ion:112 Resp: 809
Ion Ratio Lower Upper
112 100
64 65.4 49.1 73.7
63 35.2 26.3 39.5



#5
Phenol-d6
Concen: 0.037 ng
RT: 7.067 min Scan# 552
Delta R.T. 0.036 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

Tgt Ion: 99 Resp: 374
Ion Ratio Lower Upper
99 100
42 32.1 19.3 28.9#
71 18.2 27.5 41.3#

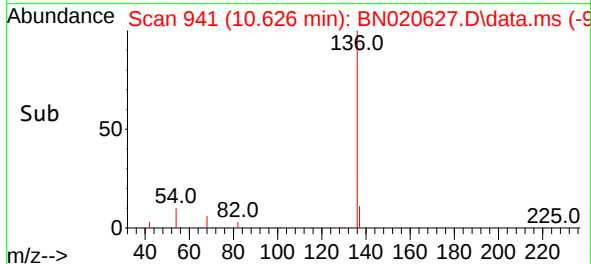
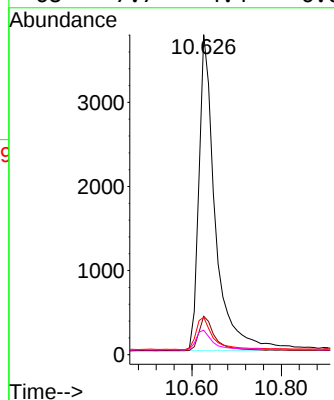
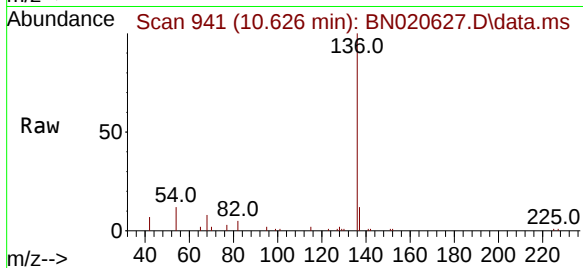




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

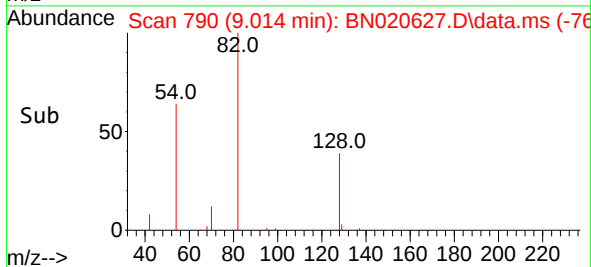
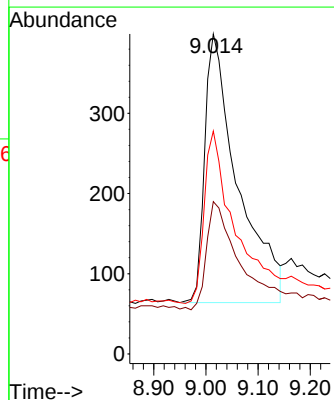
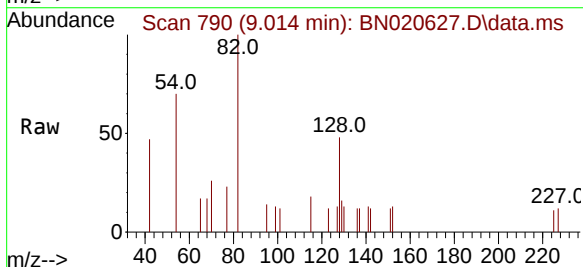
Instrument :
BNA_N
ClientSampleId :
RW4-20220623

Tgt Ion:136	Resp:	9595
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.0 13.6
54	11.7	6.2 9.2#
68	7.7	4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.190 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.022 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

Tgt Ion: 82	Resp:	1476
Ion Ratio	Lower	Upper
82	100	
128	47.6	35.0 52.6
54	69.7	46.2 69.4#

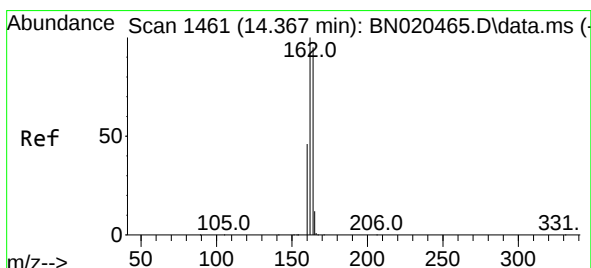
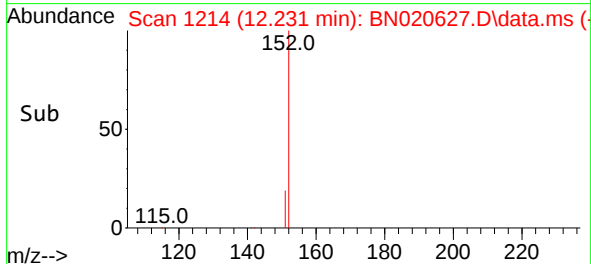
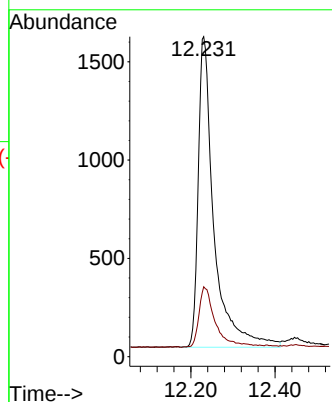
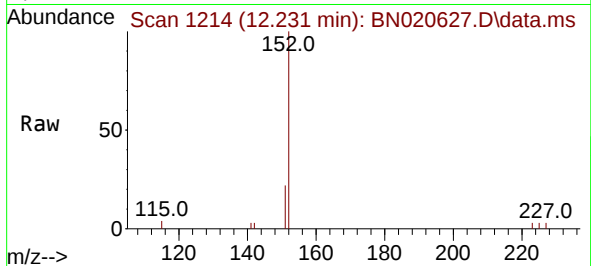




#11
2-Methylnaphthalene-d10
Concen: 0.250 ng
RT: 12.231 min Scan# 1185
Delta R.T. 0.004 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

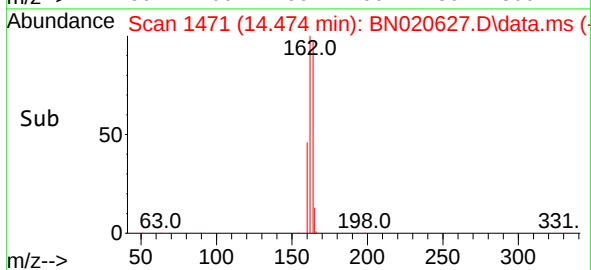
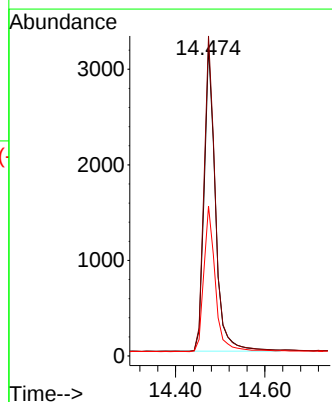
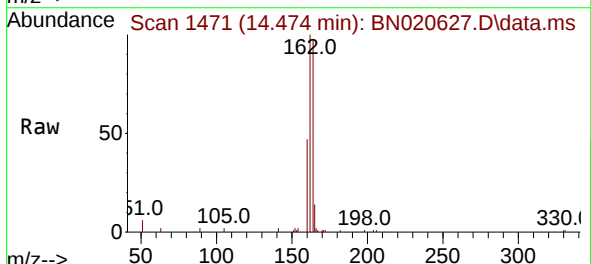
Instrument :
BNA_N
ClientSampleId :
RW4-20220623

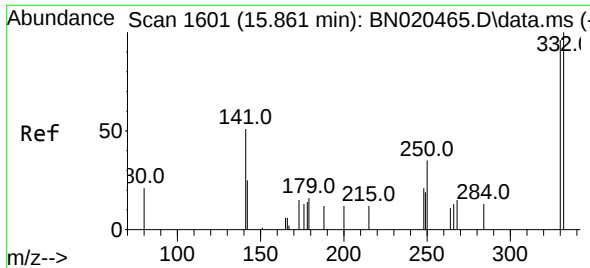
Tgt Ion:152 Resp: 4110
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

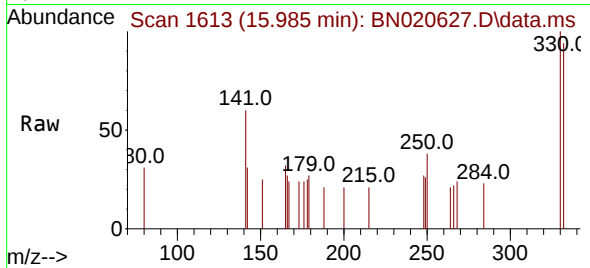
Tgt Ion:164 Resp: 5591
Ion Ratio Lower Upper
164 100
162 103.3 82.1 123.1
160 48.4 38.6 58.0



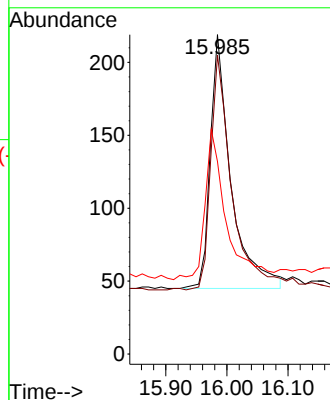
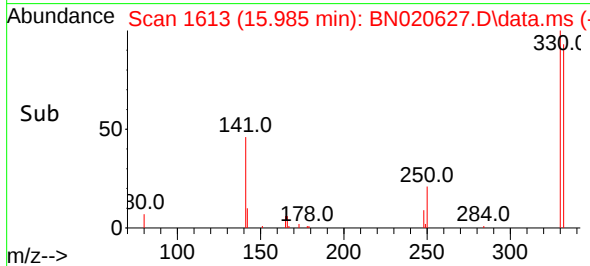


#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 15.985 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

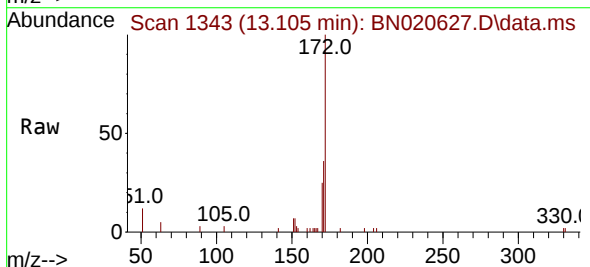
Instrument :
BNA_N
ClientSampleId :
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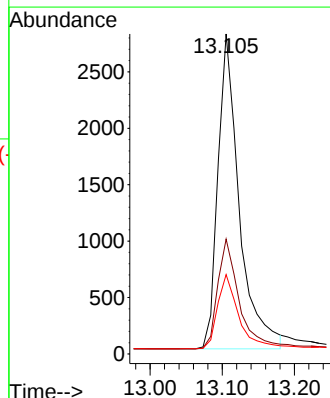
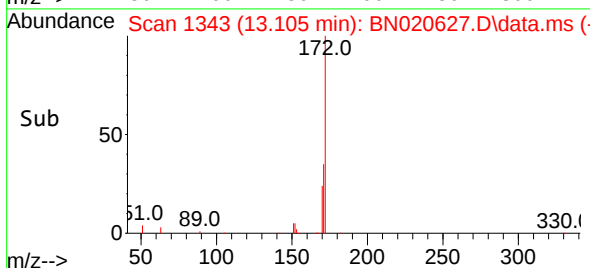
Tgt Ion: 330 Resp: 410
Ion Ratio Lower Upper
330 100
332 94.4 77.6 116.4
141 60.0 41.0 61.4



#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53



Tgt Ion: 172 Resp: 5731
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 24.8 18.2 27.4

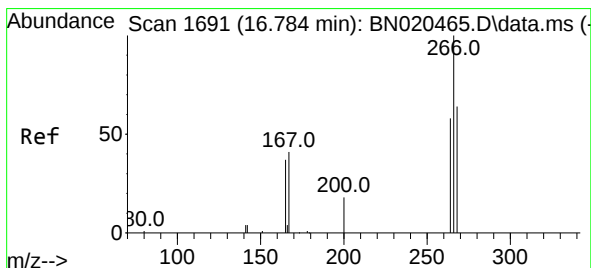
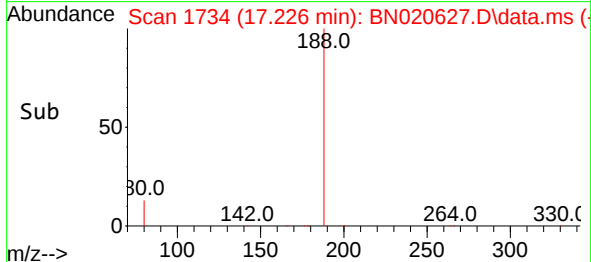
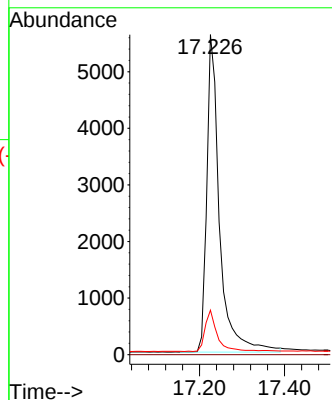
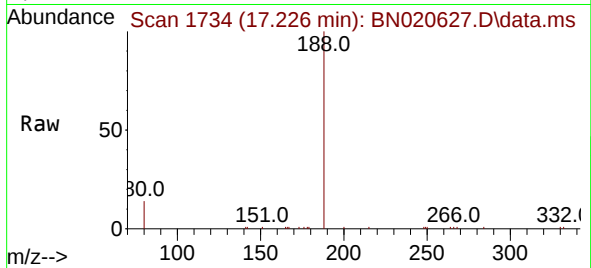




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

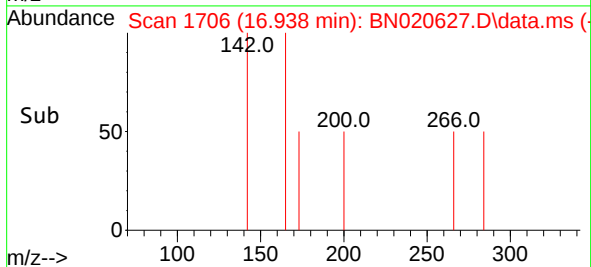
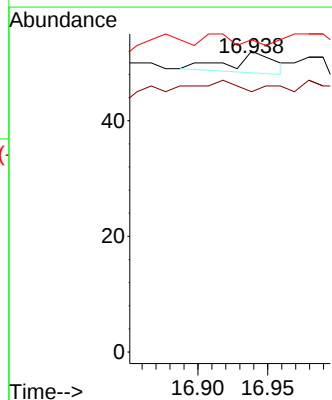
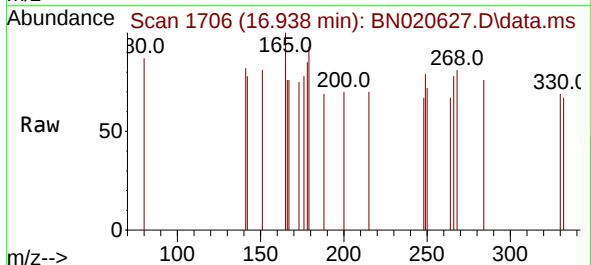
Instrument :
BNA_N
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RW4-20220623

Tgt Ion:188 Resp: 11691
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 7.4 11.2#



#24
Pentachlorophenol
Concen: 0.187 ng
RT: 16.938 min Scan# 1706
Delta R.T. 0.041 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 12.5 51.3 76.9#
268 0.0 52.6 79.0#

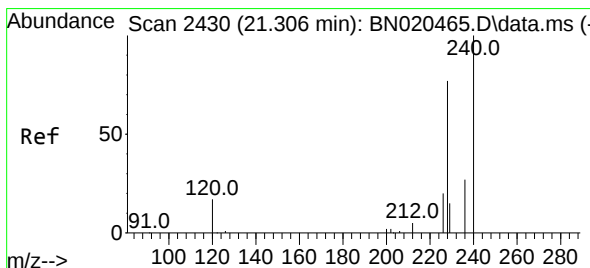
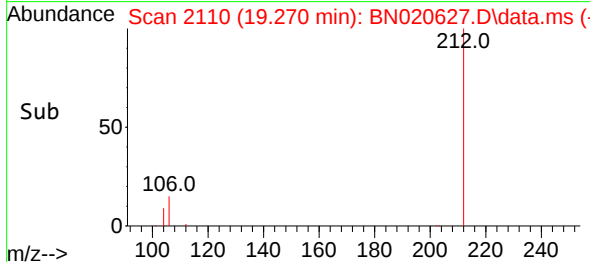
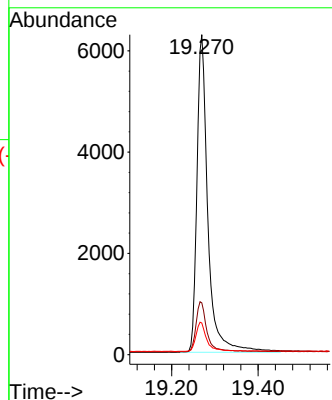
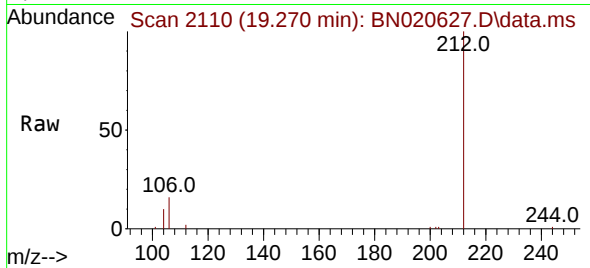




#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.270 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

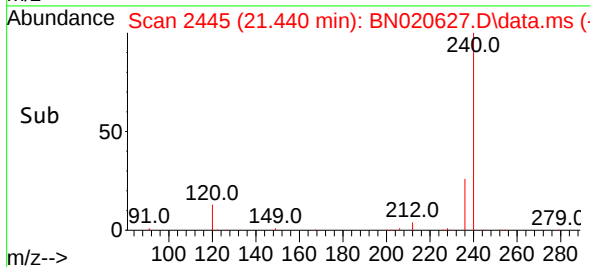
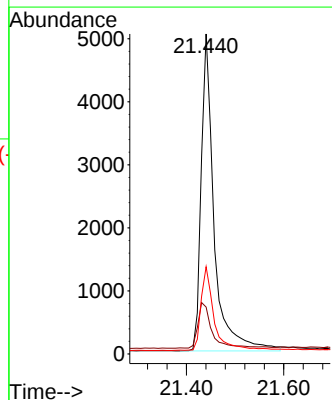
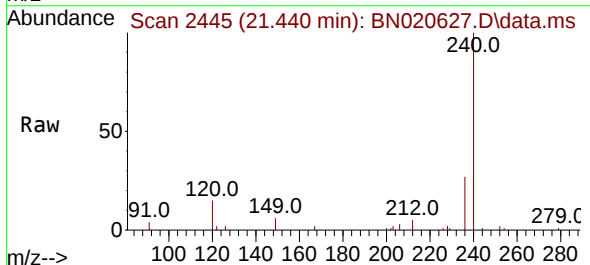
Instrument :
BNA_N
ClientSampleId :
RW4-20220623

Tgt Ion:212 Resp: 11009
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 9.0 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.009 min
Lab File: BN020627.D
Acq: 02 Jul 2022 13:53

Tgt Ion:240 Resp: 9254
Ion Ratio Lower Upper
240 100
120 14.7 14.6 21.8
236 27.3 22.6 33.8

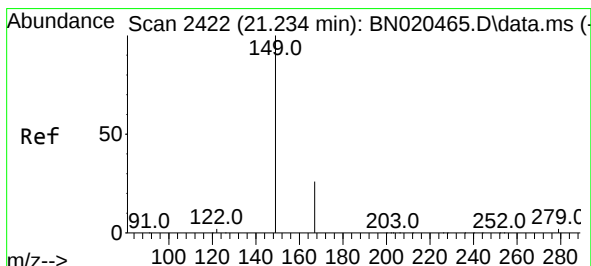
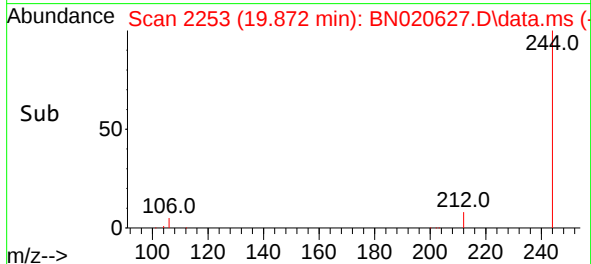
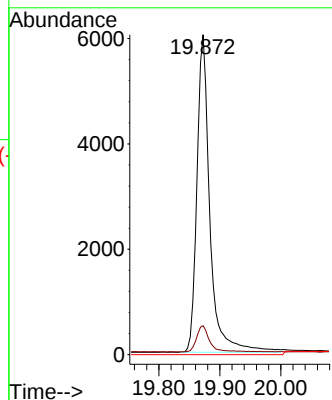
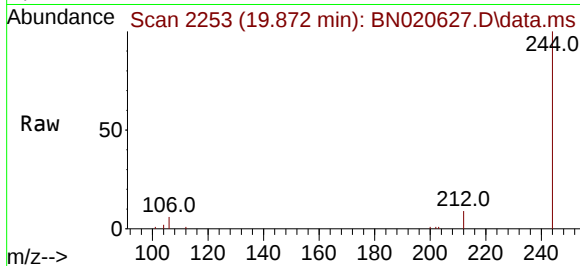




#31
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 19.872 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN020627.D
 Acq: 02 Jul 2022 13:53

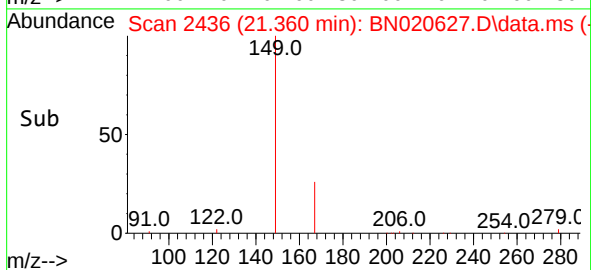
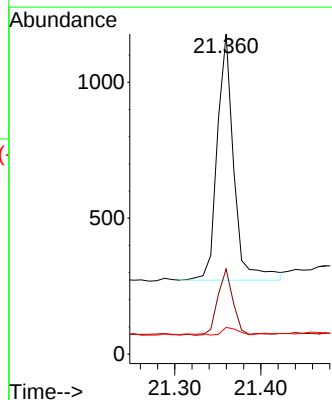
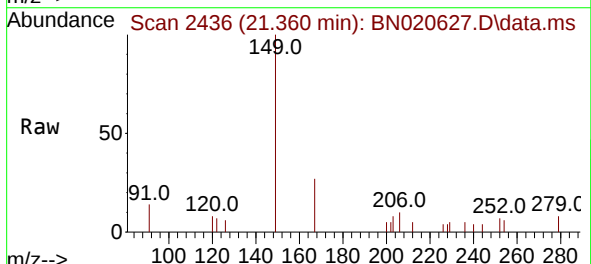
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 RW4-20220623

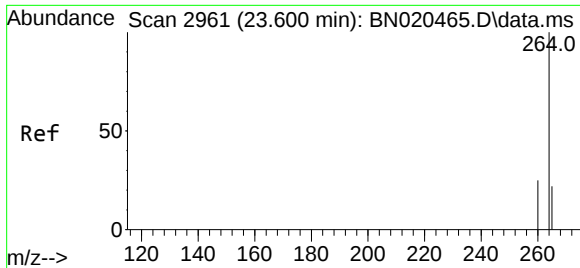
Tgt Ion:244 Resp: 8916
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.360 min Scan# 2436
 Delta R.T. 0.009 min
 Lab File: BN020627.D
 Acq: 02 Jul 2022 13:53

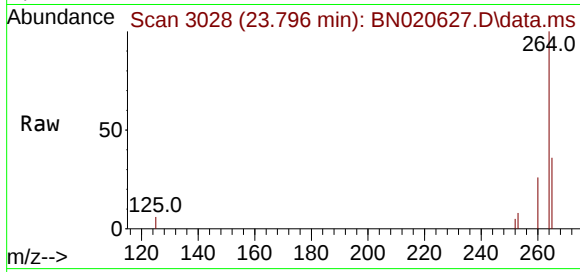
Tgt Ion:149 Resp: 1211
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.7 32.5
 279 2.8 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.796 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BN020627.D
 Acq: 02 Jul 2022 13:53

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20220623



Tgt Ion:264 Resp: 7599

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	36.4	28.0	42.0

