

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070622\
 Data File : BN020672.D
 Acq On : 06 Jul 2022 18:06
 Operator : CG/JU
 Sample : N3591-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-01B-64-69-070522

Quant Time: Jul 07 00:15:50 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)

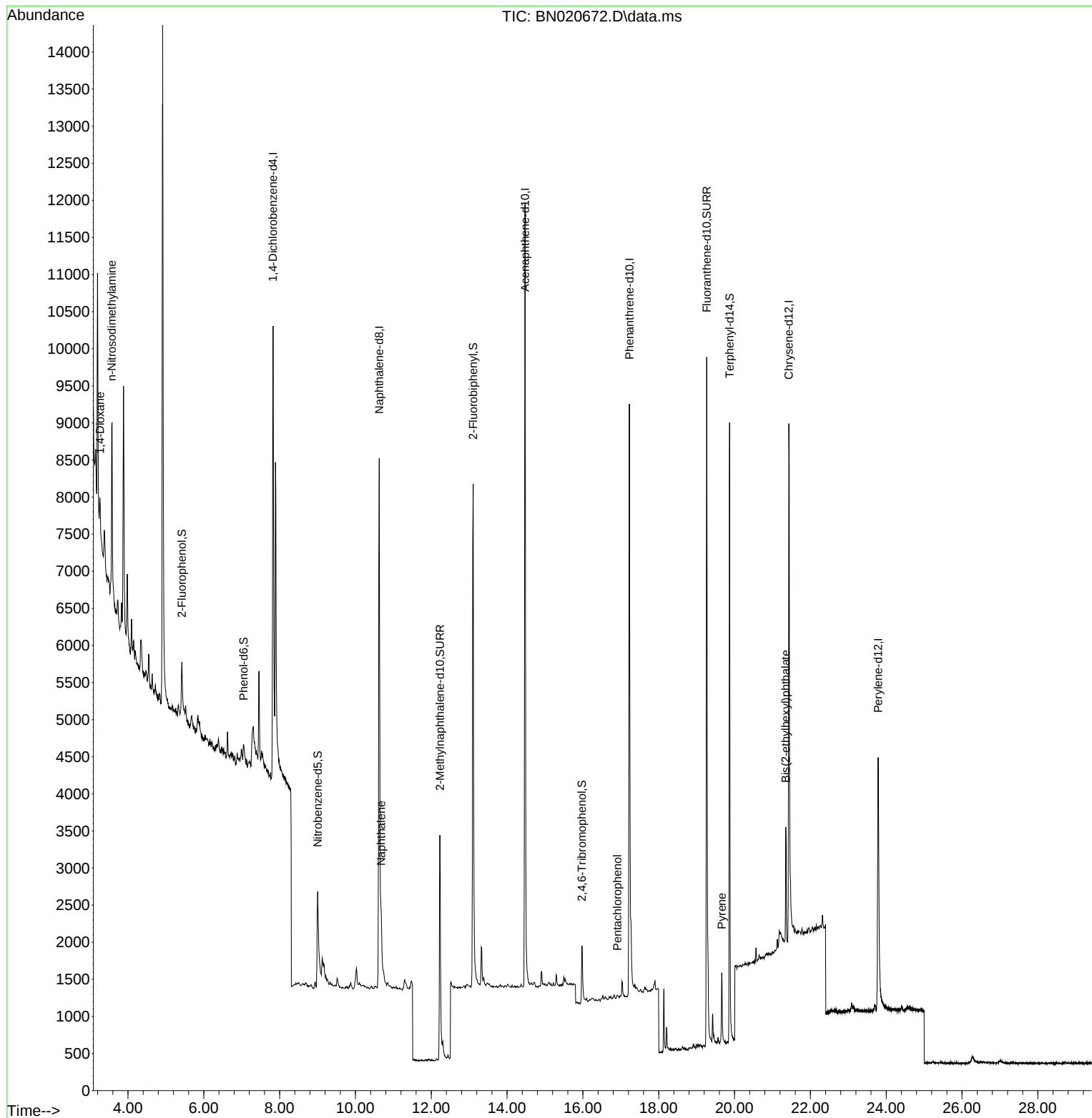
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4066	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	12058	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	6580	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	12711	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	8454	0.400	ng	0.00
35) Perylene-d12	23.788	264	5986	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.421	112	941	0.083	ng	0.00
5) Phenol-d6	7.053	99	545	0.040	ng	0.02
8) Nitrobenzene-d5	9.003	82	1973	0.202	ng	0.01
11) 2-Methylnaphthalene-d10	12.227	152	5578	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	501	0.202	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	7363	0.271	ng	0.00
27) Fluoranthene-d10	19.265	212	11755	0.311	ng	0.00
31) Terphenyl-d14	19.868	244	9868	0.488	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	259	0.049	ng	# 41
3) n-Nitrosodimethylamine	3.572	42	497	0.102	ng	# 6
9) Naphthalene	10.680	128	999	0.028	ng	# 78
24) Pentachlorophenol	16.908	266	44	0.201	ng	# 70
30) Pyrene	19.666	202	1057	0.030	ng	97
34) Bis(2-ethylhexyl)phtha...	21.351	149	1609	0.095	ng	96

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

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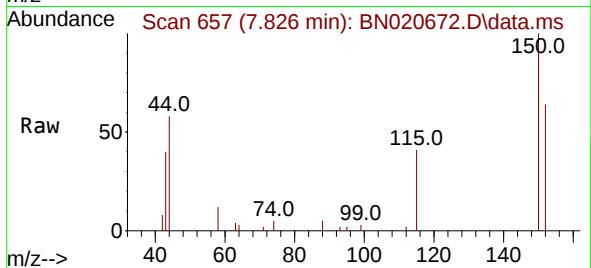
Quant Time: Jul 07 00:15:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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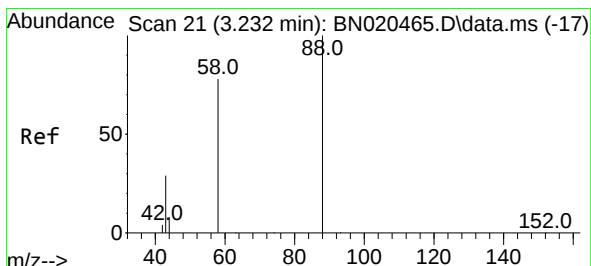
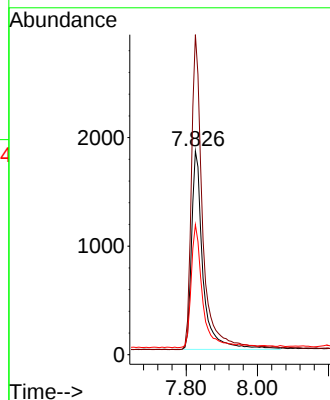
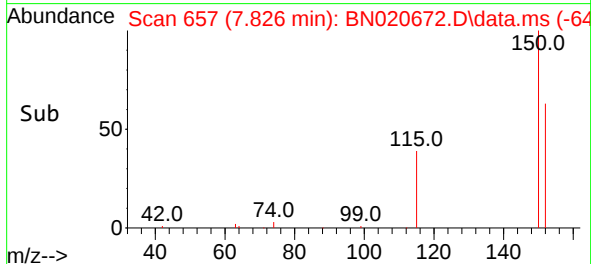


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN020672.D
 Acq: 06 Jul 2022 18:06

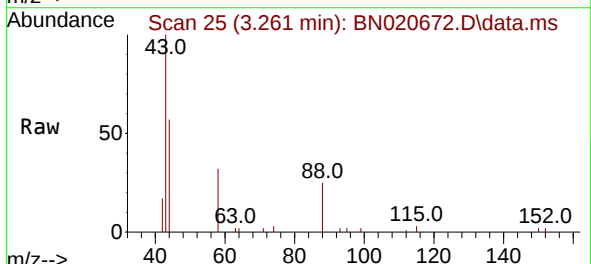
Instrument :
 BNA_N
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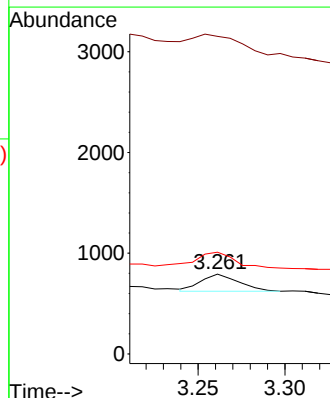
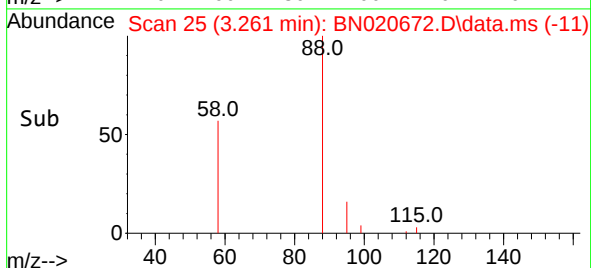
Tgt Ion:152 Resp: 4066
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.9 191.9
 115 63.8 51.4 77.2



#2
 1,4-Dioxane
 Concen: 0.049 ng
 RT: 3.261 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN020672.D
 Acq: 06 Jul 2022 18:06



Tgt Ion: 88 Resp: 259
 Ion Ratio Lower Upper
 88 100
 43 145.9 30.2 45.2#
 58 100.0 73.0 109.6

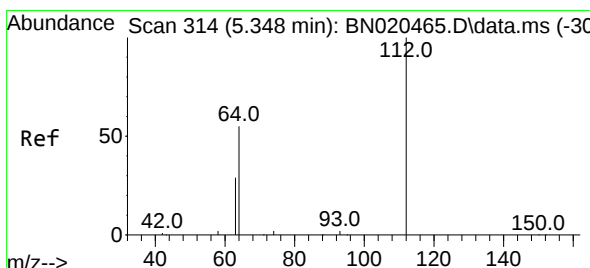
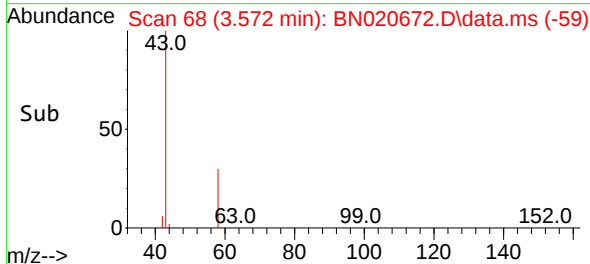
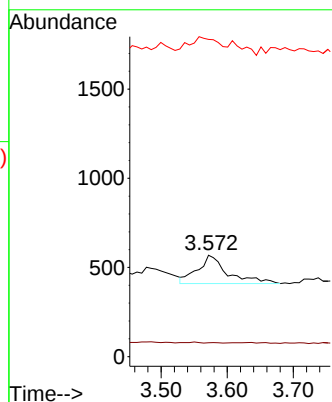
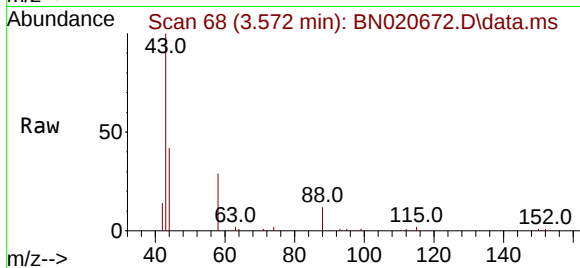




#3
n-Nitrosodimethylamine
Concen: 0.102 ng
RT: 3.572 min Scan# 61
Delta R.T. -0.036 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

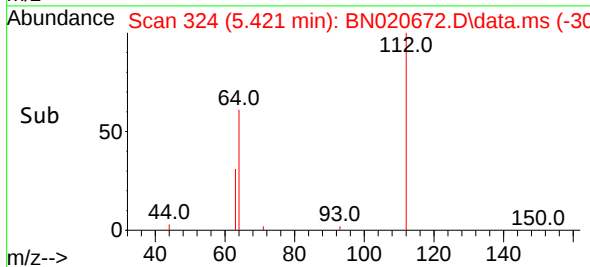
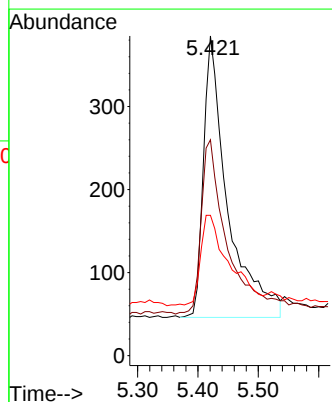
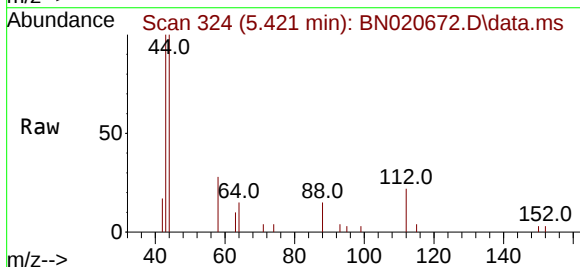
Instrument :
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ClientSampleId :
OW-01B-64-69-070522

Tgt Ion: 42 Resp: 497
Ion Ratio Lower Upper
42 100
74 0.8 84.0 126.0#
44 0.0 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.083 ng
RT: 5.421 min Scan# 324
Delta R.T. 0.007 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

Tgt Ion: 112 Resp: 941
Ion Ratio Lower Upper
112 100
64 66.4 49.1 73.7
63 37.3 26.3 39.5

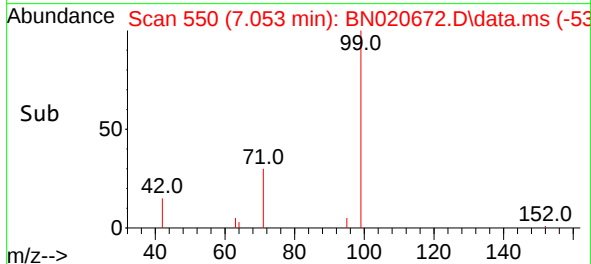
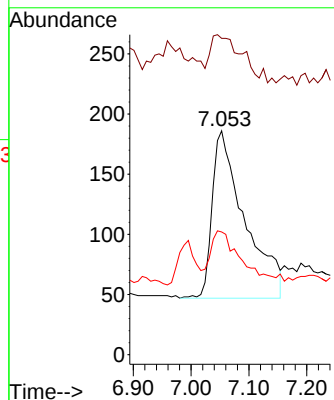
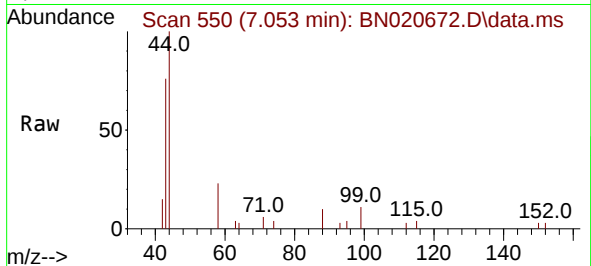




#5
Phenol-d6
Concen: 0.040 ng
RT: 7.053 min Scan# 511
Delta R.T. 0.022 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

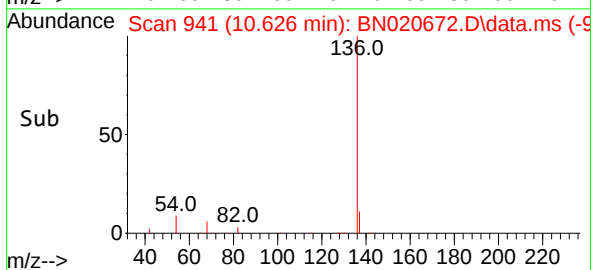
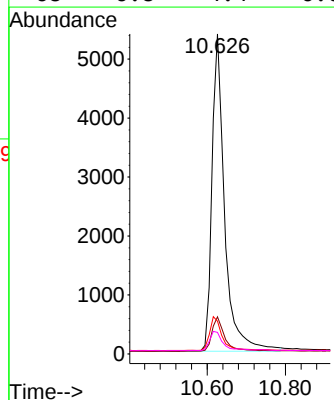
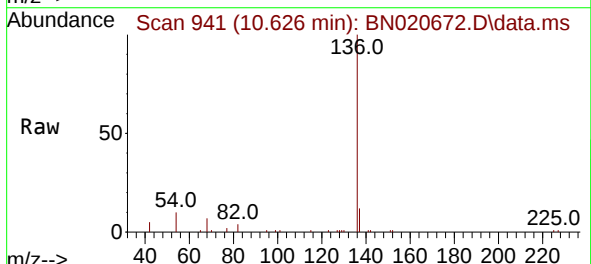
Instrument :
BNA_N
ClientSampleId :
OW-01B-64-69-070522

Tgt Ion:	99	Resp:	545
Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.3	28.9
71	25.1	27.5	41.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

Tgt Ion:	136	Resp:	12058
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.2	6.2	9.2#
68	6.8	4.4	6.6#

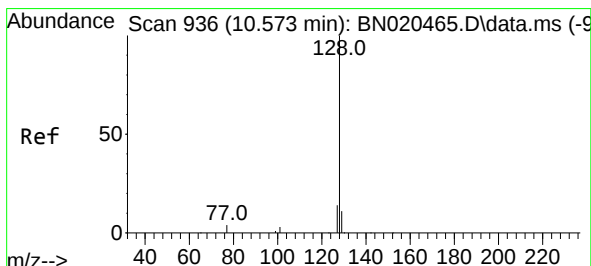
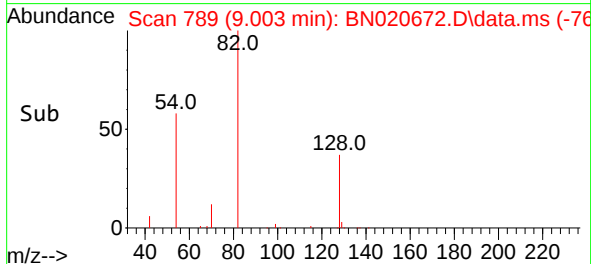
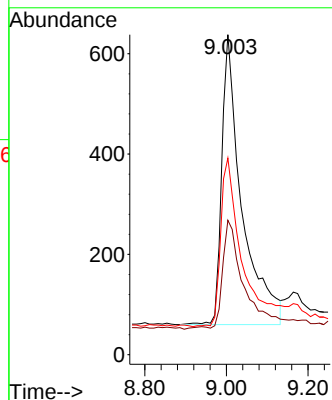
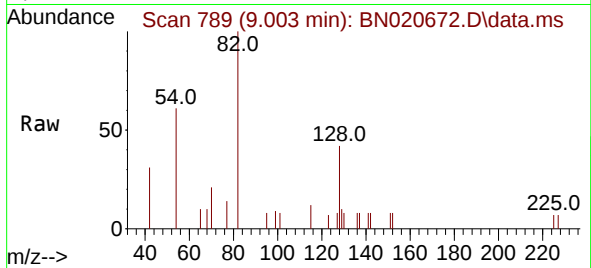




#8
Nitrobenzene-d5
Concen: 0.202 ng
RT: 9.003 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

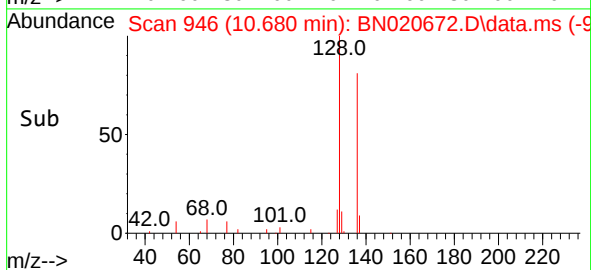
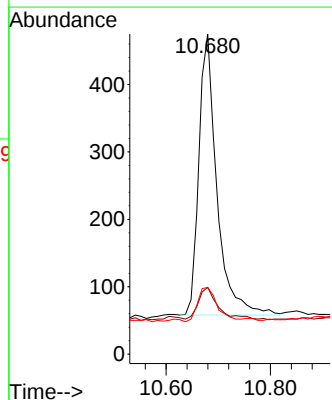
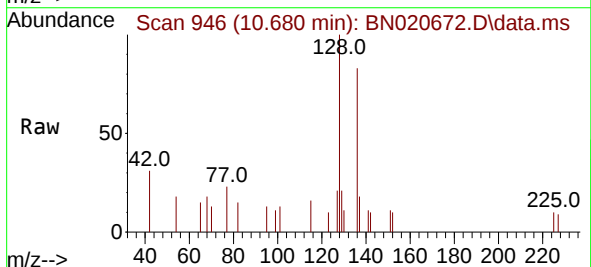
Instrument :
BNA_N
ClientSampleId :
OW-01B-64-69-070522

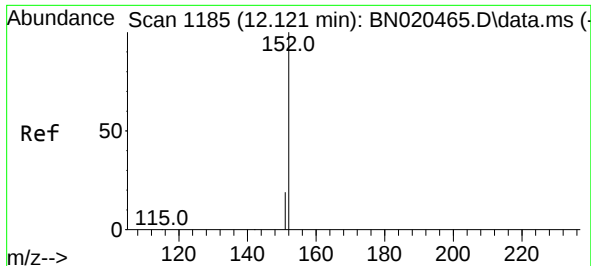
Tgt Ion: 82 Resp: 1973
Ion Ratio Lower Upper
82 100
128 42.0 35.0 52.6
54 61.4 46.2 69.4



#9
Naphthalene
Concen: 0.028 ng
RT: 10.680 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

Tgt Ion: 128 Resp: 999
Ion Ratio Lower Upper
128 100
129 20.8 8.9 13.3#
127 20.8 10.8 16.2#

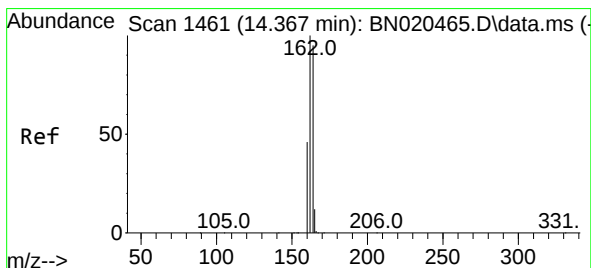
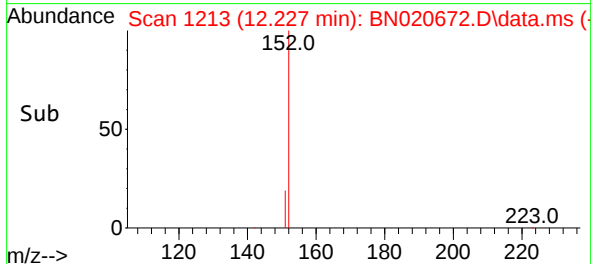
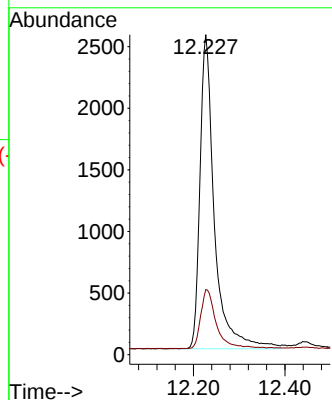
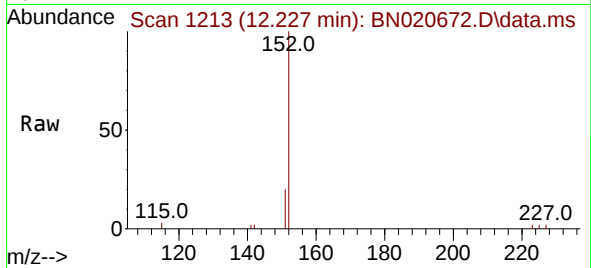




#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.227 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

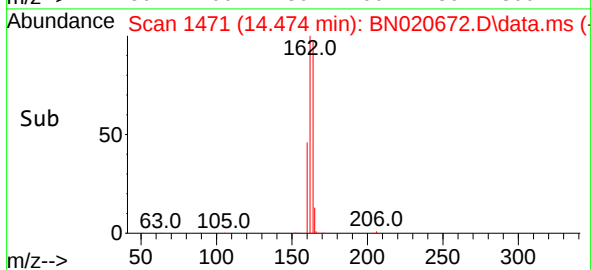
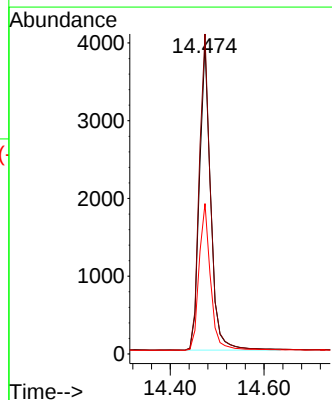
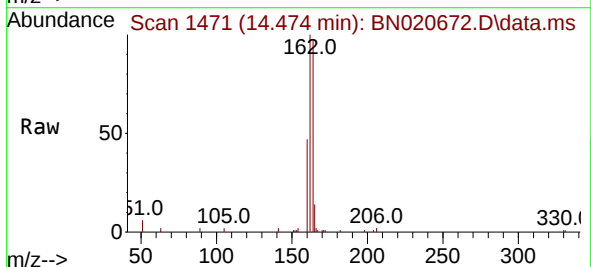
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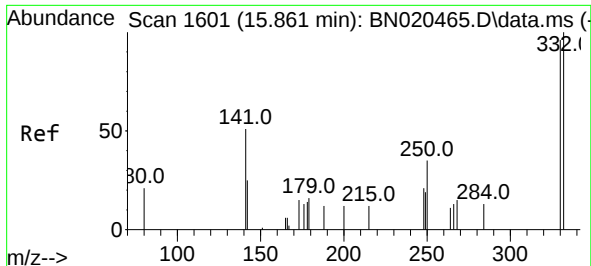
Tgt Ion:152 Resp: 5578
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

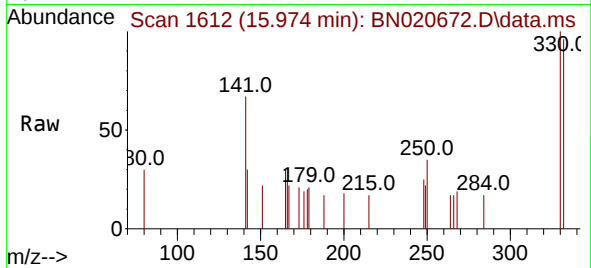
Tgt Ion:164 Resp: 6580
Ion Ratio Lower Upper
164 100
162 103.5 82.1 123.1
160 48.6 38.6 58.0



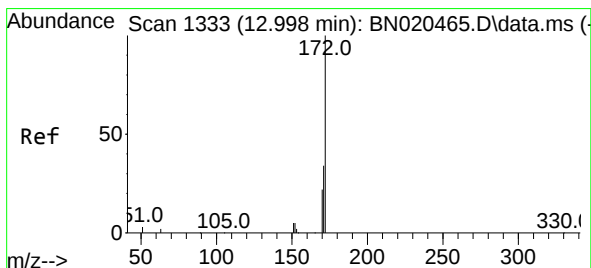
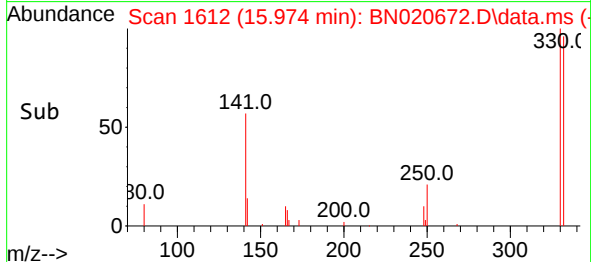
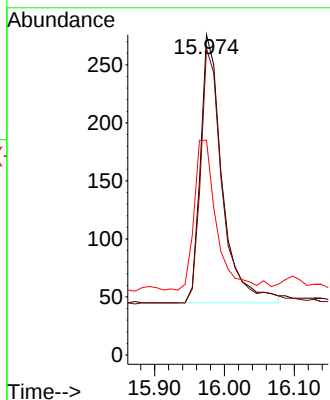


#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.974 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

Instrument :
BNA_N
ClientSampleId :
OW-01B-64-69-070522

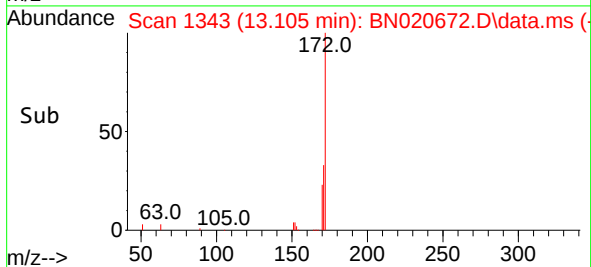
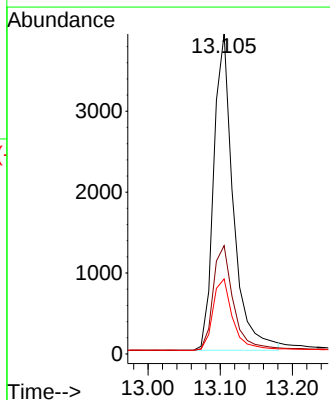
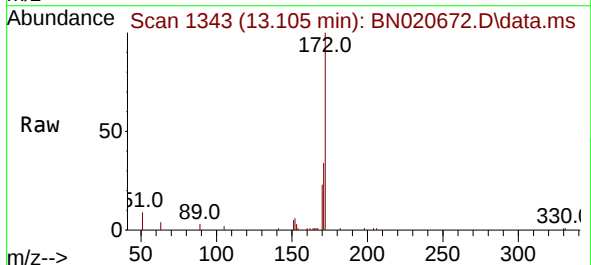


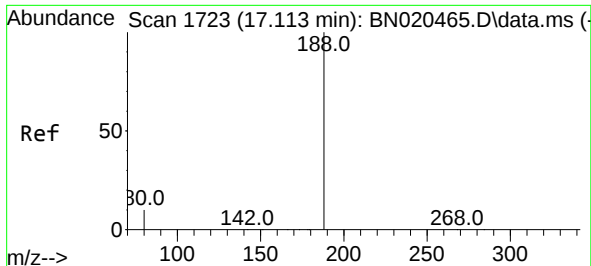
Tgt Ion:330 Resp: 501
Ion Ratio Lower Upper
330 100
332 95.4 77.6 116.4
141 56.9 41.0 61.4



#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

Tgt Ion:172 Resp: 7363
Ion Ratio Lower Upper
172 100
171 33.8 27.2 40.8
170 23.5 18.2 27.4

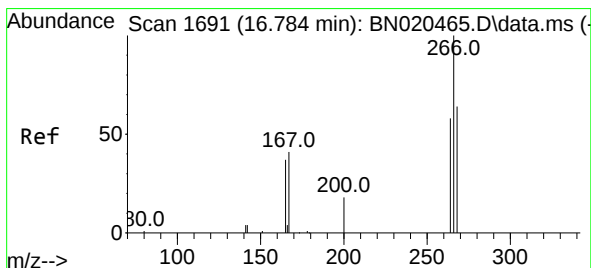
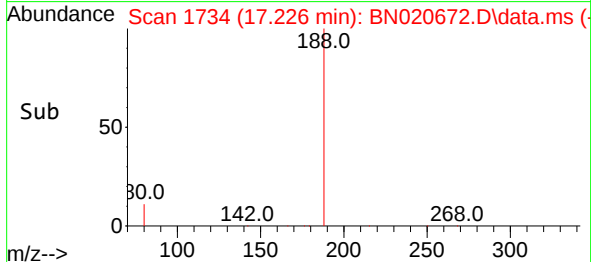
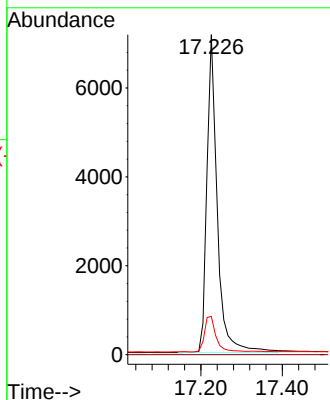
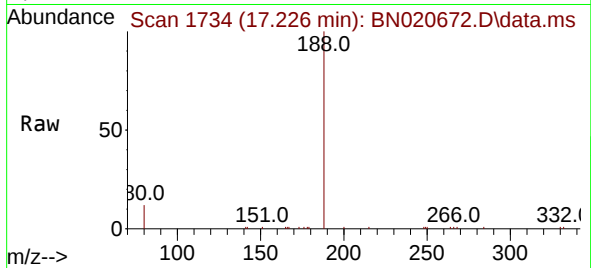




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

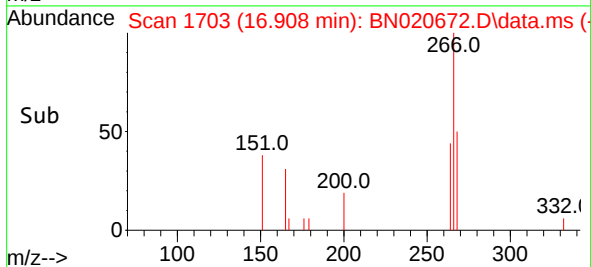
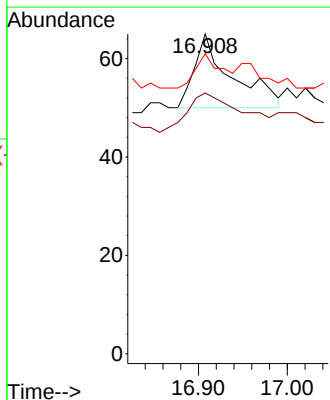
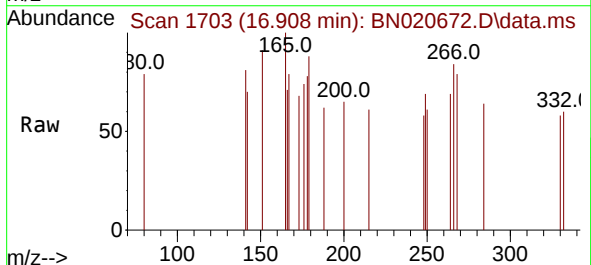
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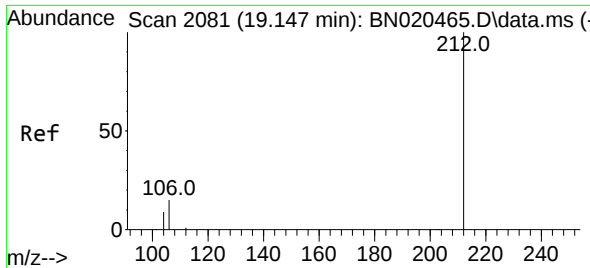
Tgt Ion:188 Resp: 12711
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 7.4 11.2#



#24
Pentachlorophenol
Concen: 0.201 ng
RT: 16.908 min Scan# 1703
Delta R.T. 0.010 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

Tgt Ion:266 Resp: 44
Ion Ratio Lower Upper
266 100
264 77.3 51.3 76.9#
268 31.8 52.6 79.0#

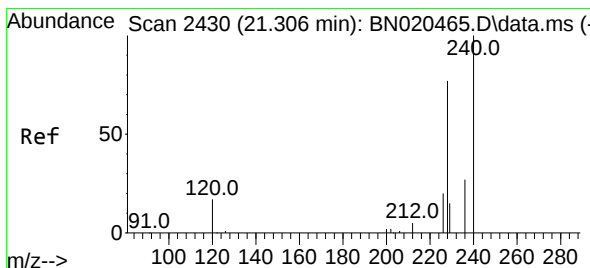
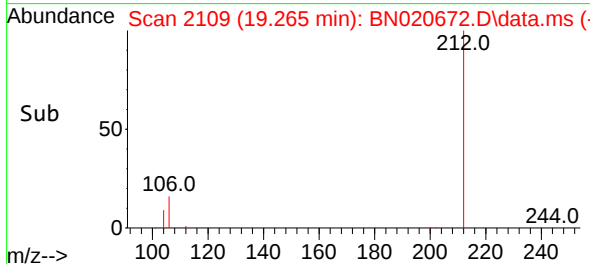
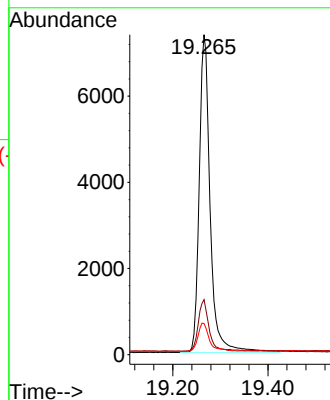
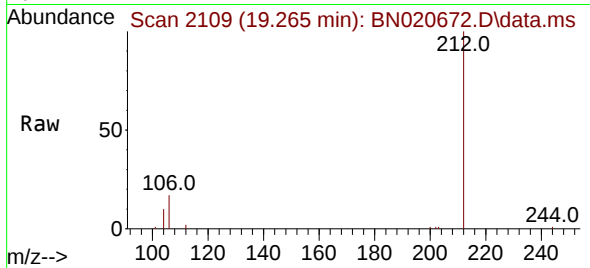




#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

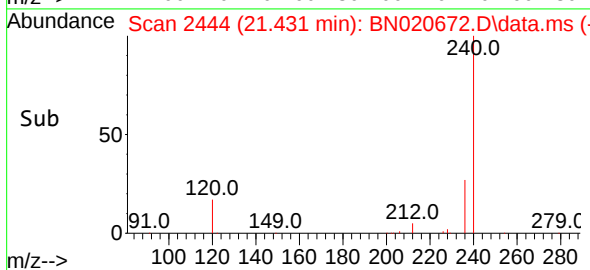
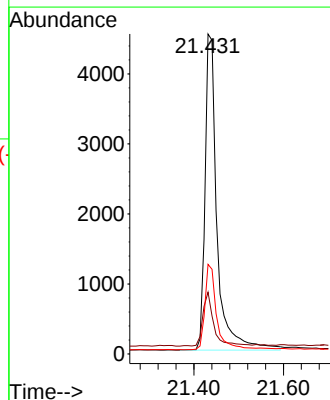
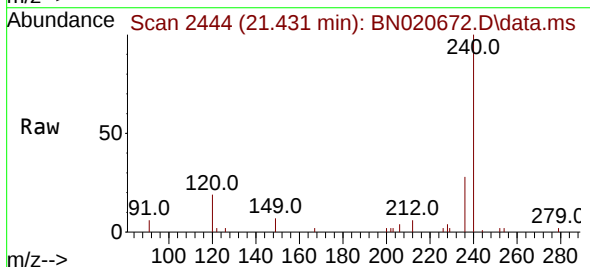
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ClientSampleId :
OW-01B-64-69-070522

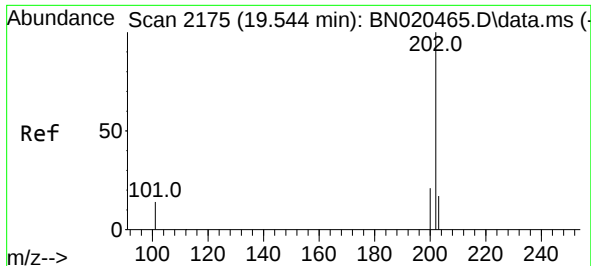
Tgt Ion:212 Resp: 11755
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.3 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

Tgt Ion:240 Resp: 8454
Ion Ratio Lower Upper
240 100
120 19.3 14.6 21.8
236 28.0 22.6 33.8

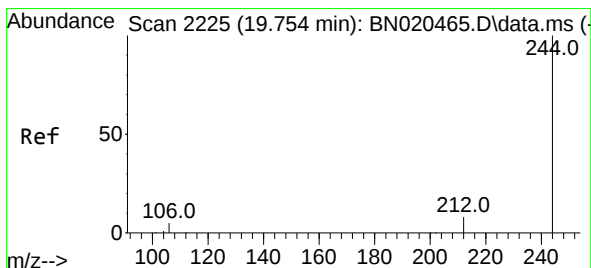
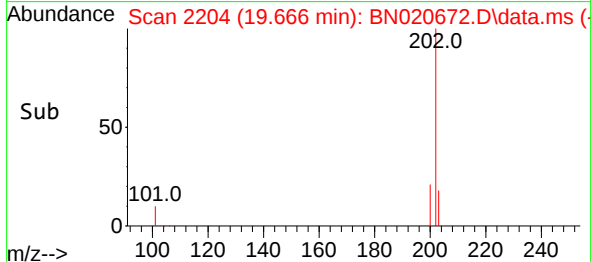
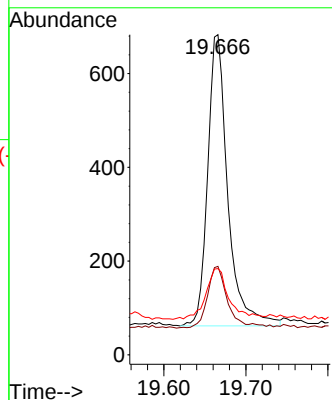
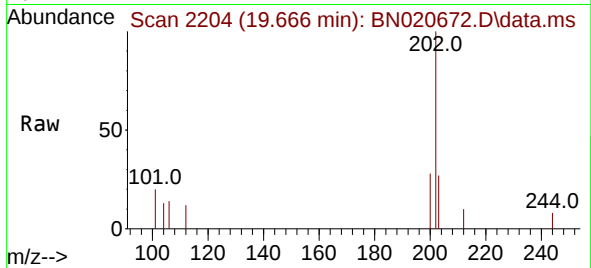




#30
Pyrene
Concen: 0.030 ng
RT: 19.666 min Scan# 2175
Delta R.T. 0.004 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

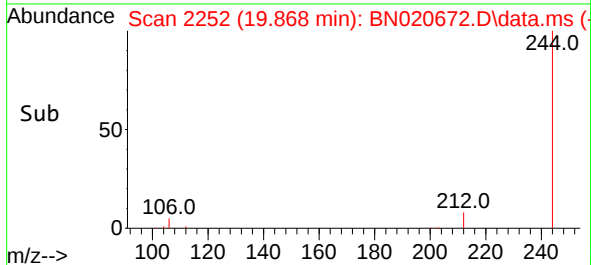
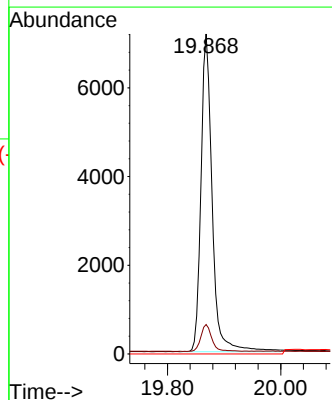
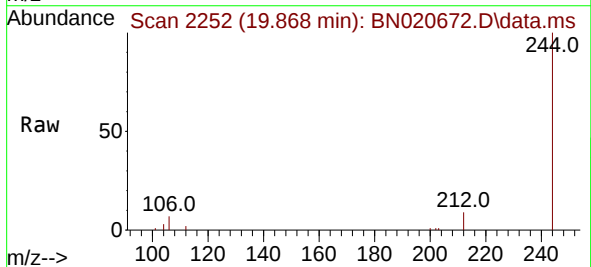
Instrument :
BNA_N
ClientSampleId :
OW-01B-64-69-070522

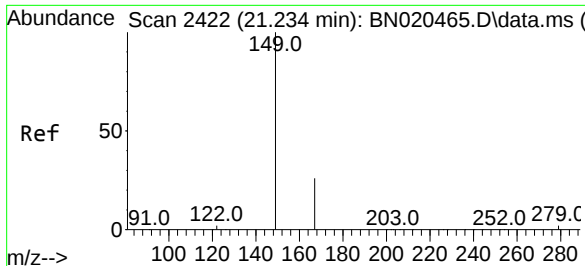
Tgt Ion:	202	Resp:	1057
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	20.2	14.2	21.2



#31
Terphenyl-d14
Concen: 0.488 ng
RT: 19.868 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BN020672.D
Acq: 06 Jul 2022 18:06

Tgt Ion:	244	Resp:	9868
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.1	10.7
122	0.0	0.0	0.0

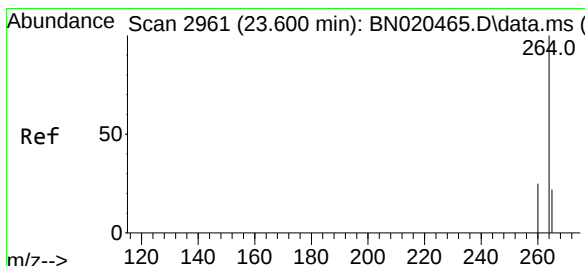
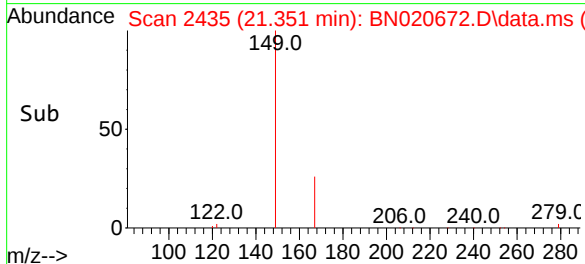
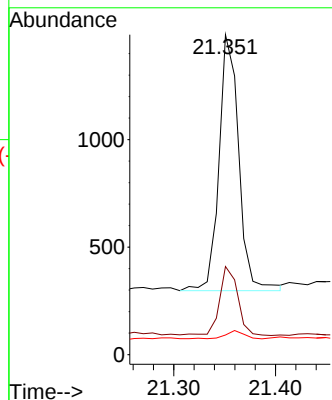
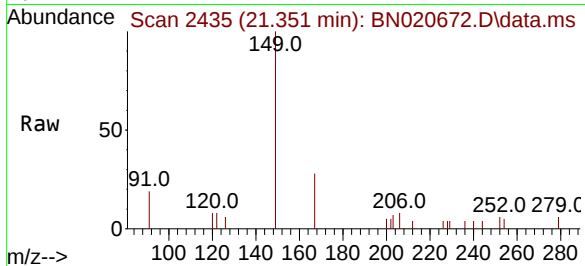




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.095 ng
 RT: 21.351 min Scan# 2422
 Delta R.T. 0.000 min
 Lab File: BN020672.D
 Acq: 06 Jul 2022 18:06

Instrument :
 BNA_N
 ClientSampleId :
 OW-01B-64-69-070522

Tgt Ion:	149	Resp:	1609
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.7	32.5
279	3.0	2.2	3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.788 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN020672.D
 Acq: 06 Jul 2022 18:06

Tgt Ion:	264	Resp:	5986
Ion Ratio	Lower	Upper	
264	100		
260	26.2	20.9	31.3
265	41.5	28.0	42.0

