

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022322\
 Data File : BN018704.D
 Acq On : 23 Feb 2022 19:08
 Operator : CG/JU
 Sample : N1587-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PRPH-DUP-GW

Quant Time: Feb 24 01:37:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 16:23:51 2022
 Response via : Initial Calibration

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

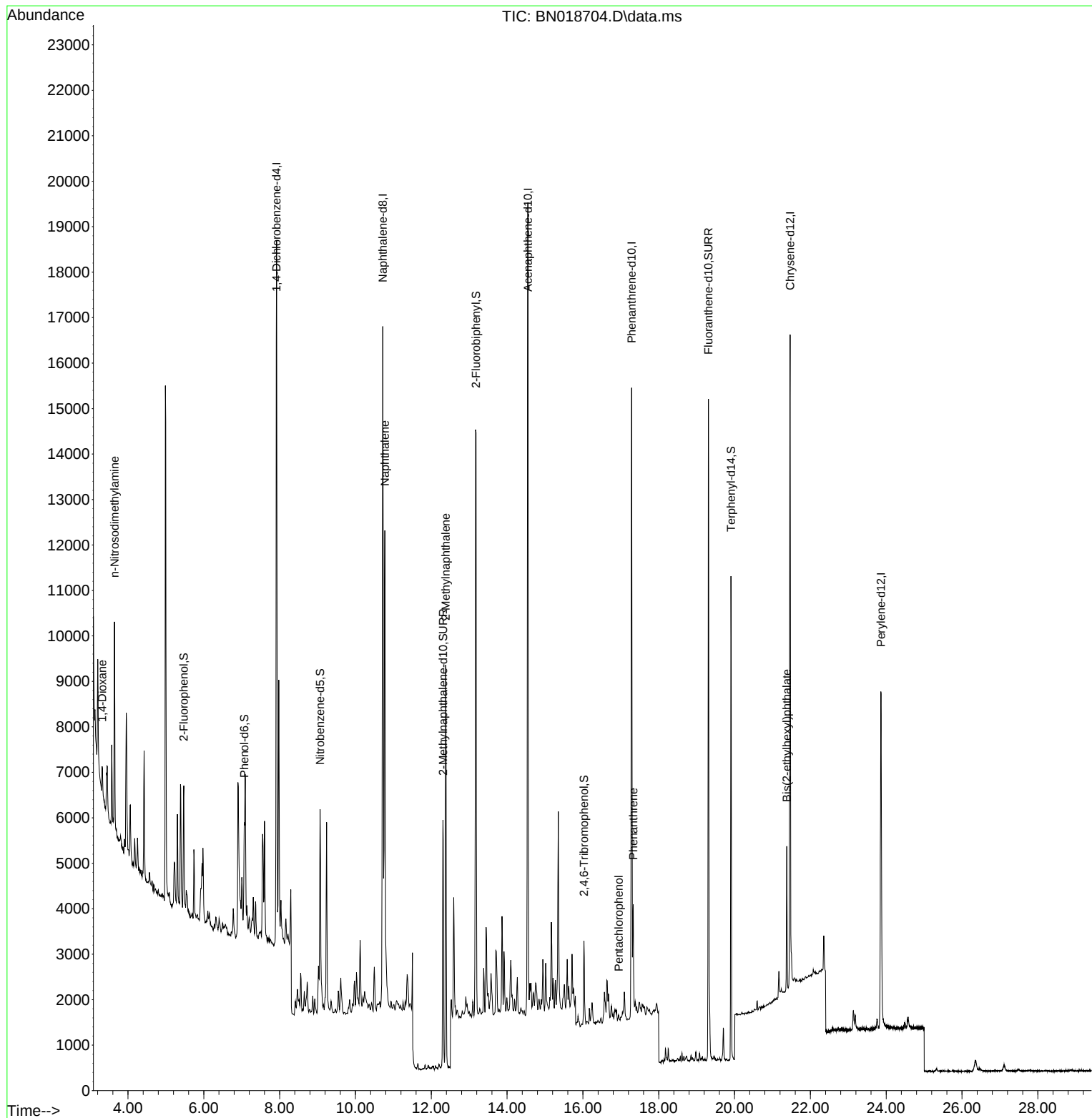
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	7437	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	19352	0.400	ng	# 0.00
13) Acenaphthene-d10	14.549	164	9829	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	19125	0.400	ng	0.00
29) Chrysene-d12	21.467	240	13676	0.400	ng	# 0.00
35) Perylene-d12	23.860	264	11016	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	2168	0.127	ng	0.00
5) Phenol-d6	7.067	99	1628	0.083	ng	0.00
8) Nitrobenzene-d5	9.067	82	3740	0.250	ng	0.00
11) 2-Methylnaphthalene-d10	12.310	152	7374	0.253	ng	0.00
14) 2,4,6-Tribromophenol	16.025	330	1092	0.285	ng	0.00
15) 2-Fluorobiphenyl	13.180	172	12151	0.261	ng	0.00
27) Fluoranthene-d10	19.312	212	15830	0.305	ng	0.00
31) Terphenyl-d14	19.906	244	11687	0.394	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	306	0.035	ng	# 51
3) n-Nitrosodimethylamine	3.644	42	462	0.054	ng	# 1
9) Naphthalene	10.776	128	13150	0.235	ng	98
12) 2-Methylnaphthalene	12.382	142	6200	0.166	ng	96
24) Pentachlorophenol	16.948	266	23	0.159	ng	# 19
25) Phenanthrene	17.328	178	2701	0.042	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.377	149	2910	0.138	ng	# 94

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

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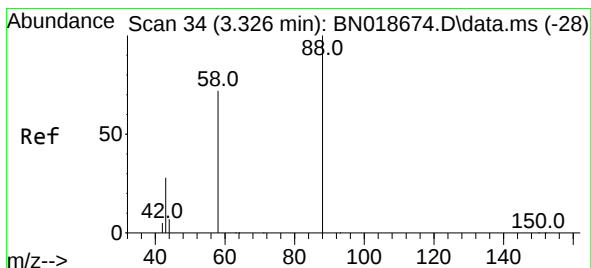
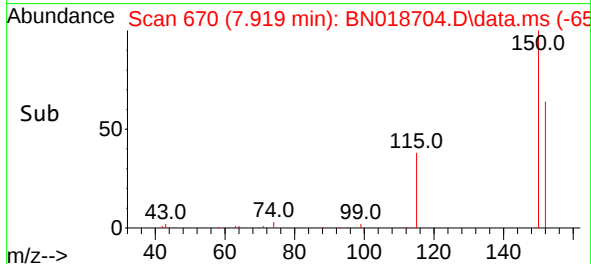
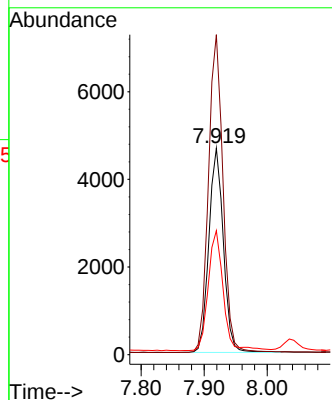
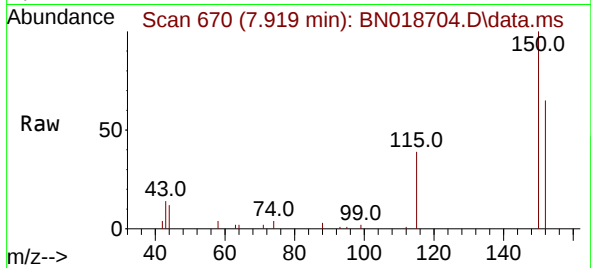




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

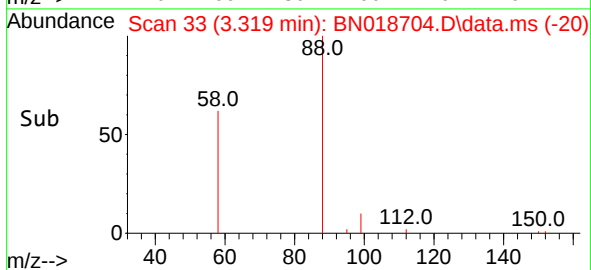
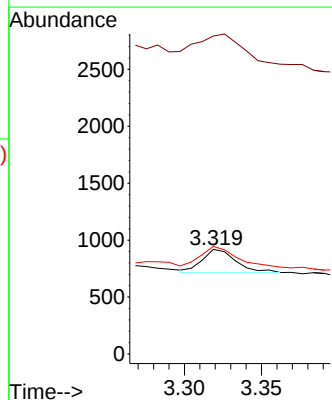
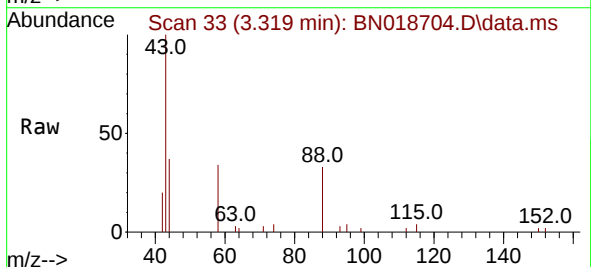
Instrument :
BNA_N
ClientSampleId :
PRPH-DUP-GW

Tgt Ion:152 Resp: 7437
Ion Ratio Lower Upper
152 100
150 154.9 121.7 182.5
115 60.0 43.8 65.8



#2
1,4-Dioxane
Concen: 0.035 ng
RT: 3.319 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

Tgt Ion: 88 Resp: 306
Ion Ratio Lower Upper
88 100
43 174.5 69.7 104.5#
58 92.5 83.8 125.8

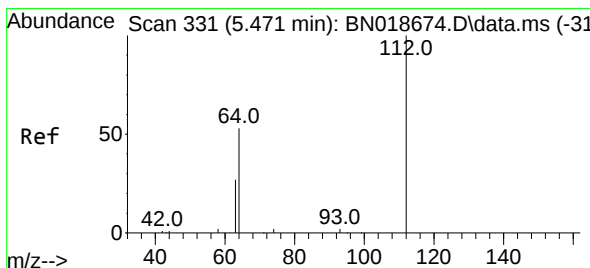
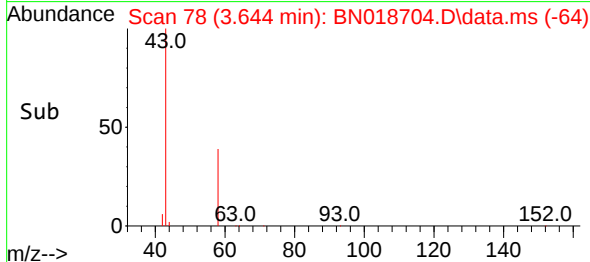
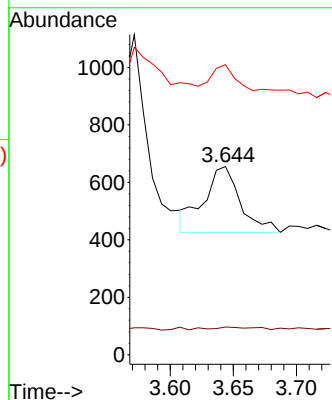
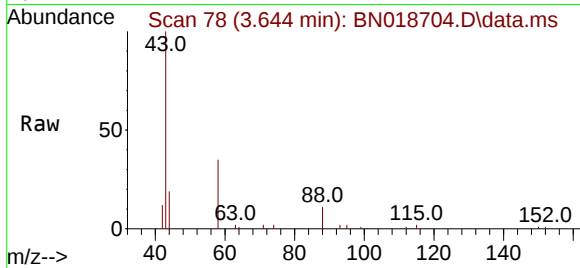




#3
 n-Nitrosodimethylamine
 Concen: 0.054 ng
 RT: 3.644 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN018704.D
 Acq: 23 Feb 2022 19:08

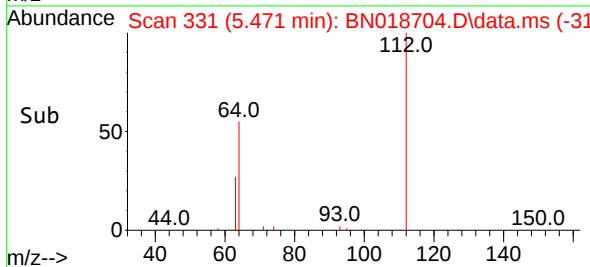
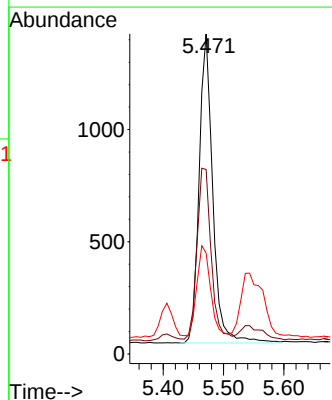
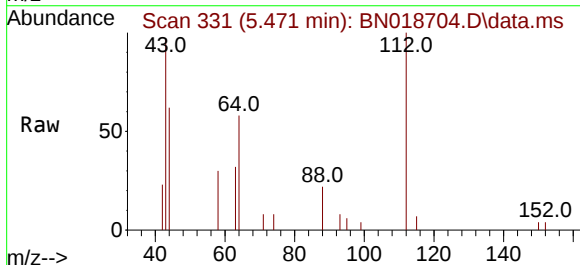
Instrument :
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 ClientSampleId :
 PRPH-DUP-GW

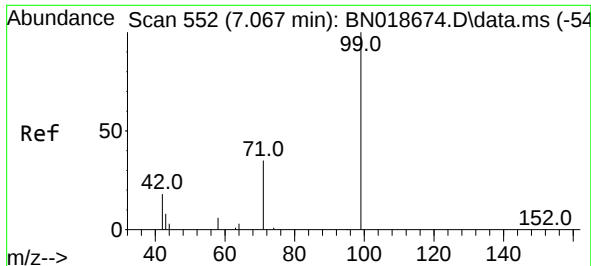
Tgt Ion: 42 Resp: 462
 Ion Ratio Lower Upper
 42 100
 74 3.9 108.6 163.0#
 44 51.1 5.8 8.8#



#4
 2-Fluorophenol
 Concen: 0.127 ng
 RT: 5.471 min Scan# 331
 Delta R.T. -0.000 min
 Lab File: BN018704.D
 Acq: 23 Feb 2022 19:08

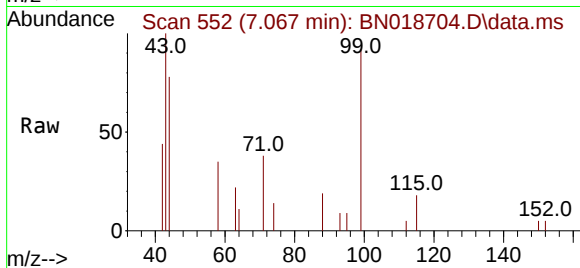
Tgt Ion: 112 Resp: 2168
 Ion Ratio Lower Upper
 112 100
 64 56.8 48.0 72.0
 63 28.8 25.3 37.9



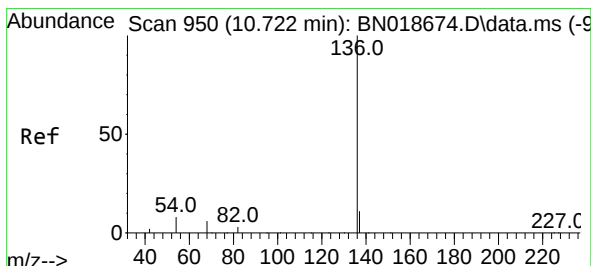
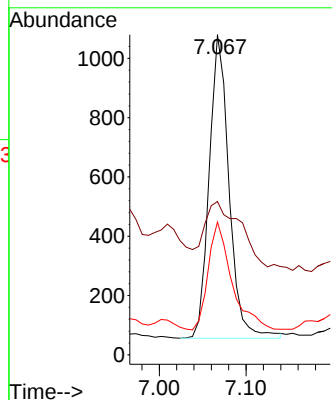
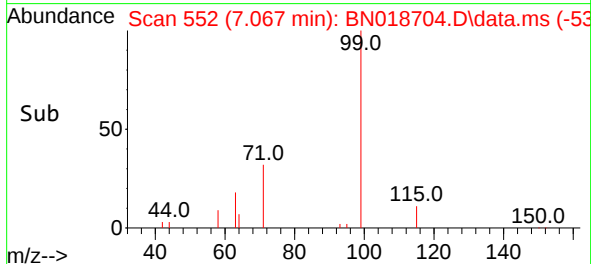


#5
Phenol-d6
Concen: 0.083 ng
RT: 7.067 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

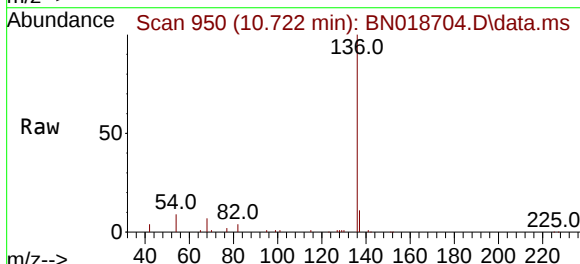
Instrument :
BNA_N
ClientSampleId :
PRPH-DUP-GW



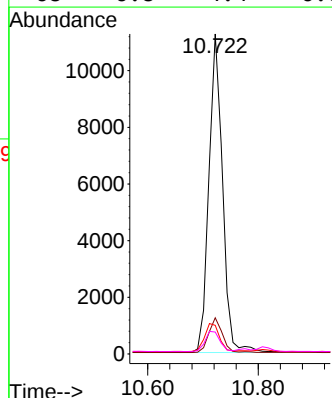
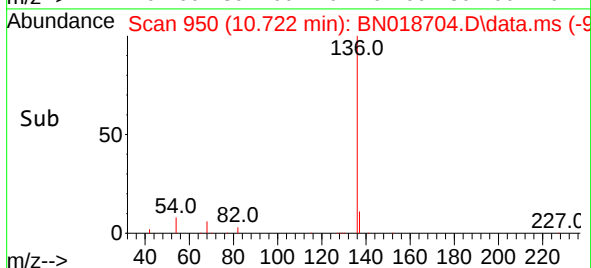
Tgt Ion: 99 Resp: 1628
Ion Ratio Lower Upper
99 100
42 38.1 16.3 24.5#
71 42.3 26.8 40.2#

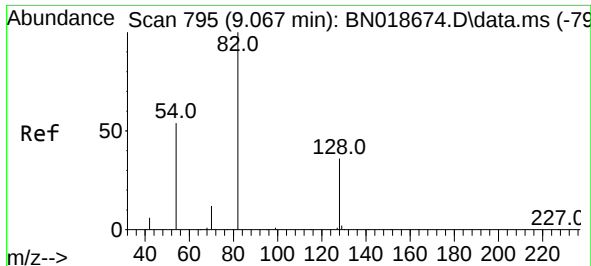


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.722 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08



Tgt Ion: 136 Resp: 19352
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.0 5.0 7.6#
68 6.8 4.4 6.6#

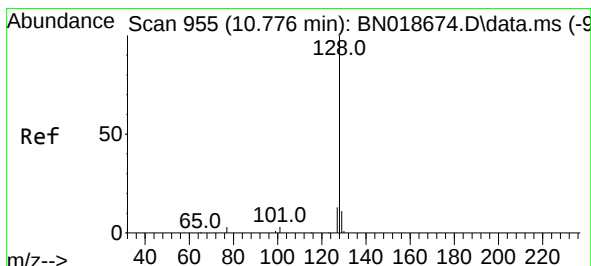
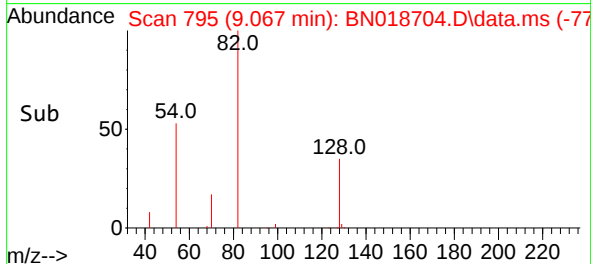
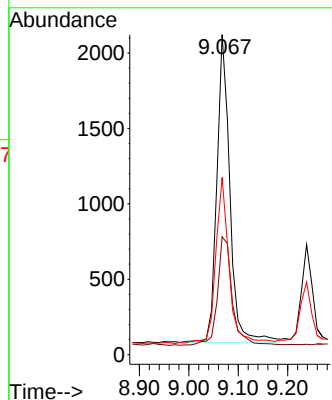
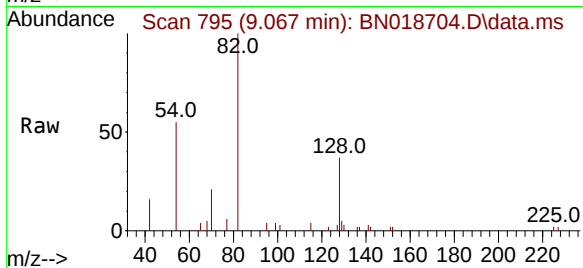




#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

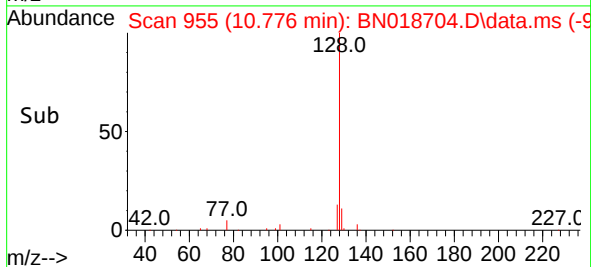
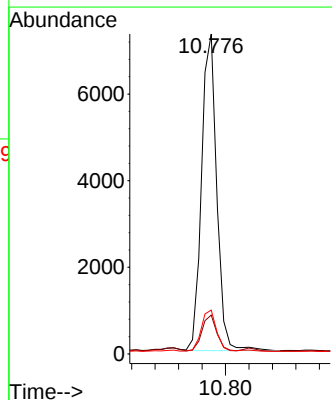
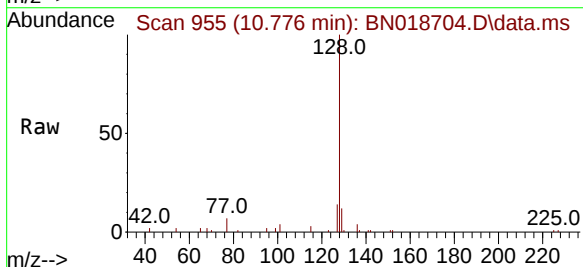
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ClientSampleId :
PRPH-DUP-GW

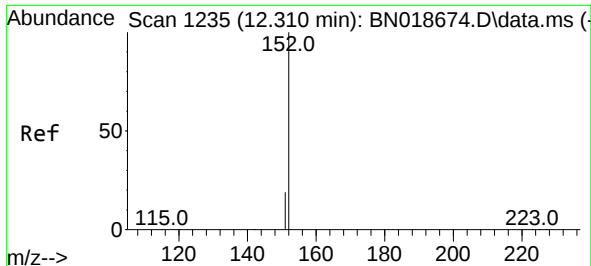
Tgt Ion: 82 Resp: 3740
Ion Ratio Lower Upper
82 100
128 36.9 33.7 50.5
54 55.4 36.6 55.0#



#9
Naphthalene
Concen: 0.235 ng
RT: 10.776 min Scan# 955
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

Tgt Ion: 128 Resp: 13150
Ion Ratio Lower Upper
128 100
129 12.1 8.7 13.1
127 13.7 10.4 15.6

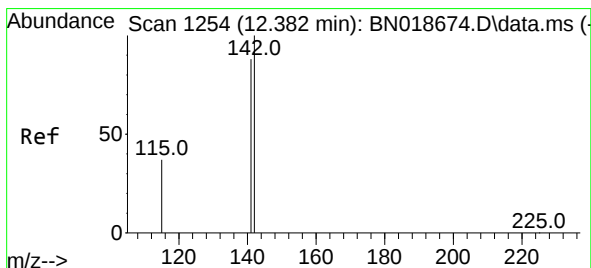
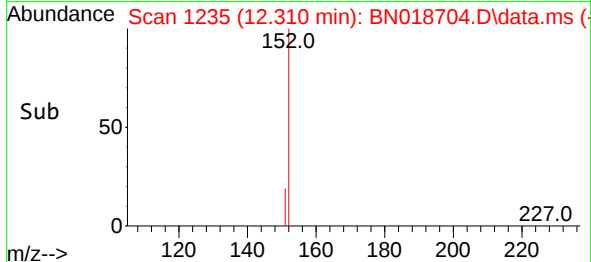
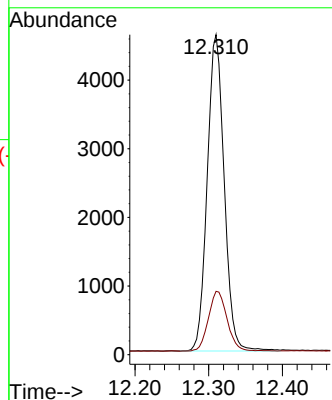
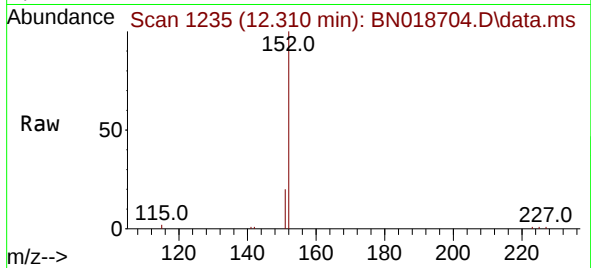




#11
2-Methylnaphthalene-d10
Concen: 0.253 ng
RT: 12.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

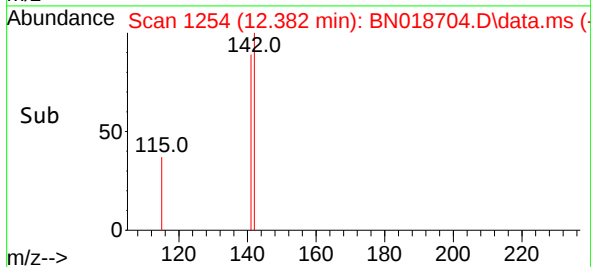
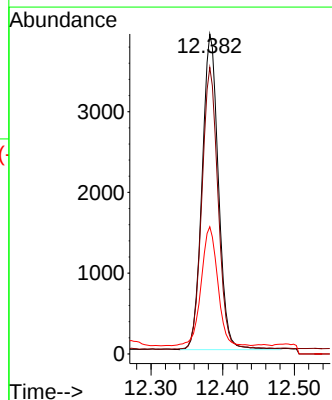
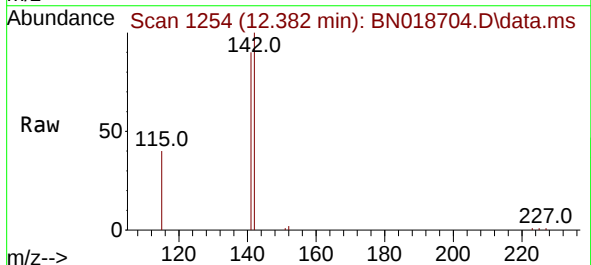
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PRPH-DUP-GW

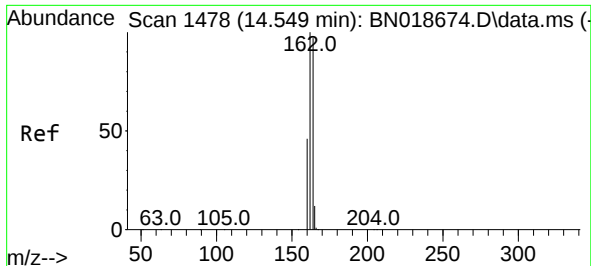
Tgt Ion:152 Resp: 7374
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.166 ng
RT: 12.382 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

Tgt Ion:142 Resp: 6200
Ion Ratio Lower Upper
142 100
141 89.6 70.0 105.0
115 39.7 27.8 41.8

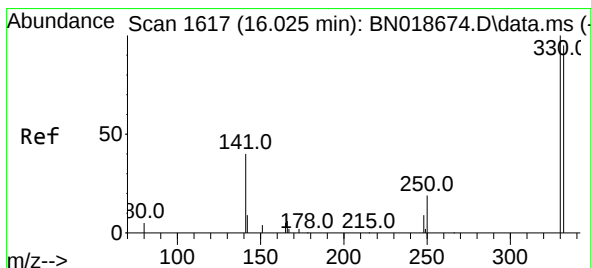
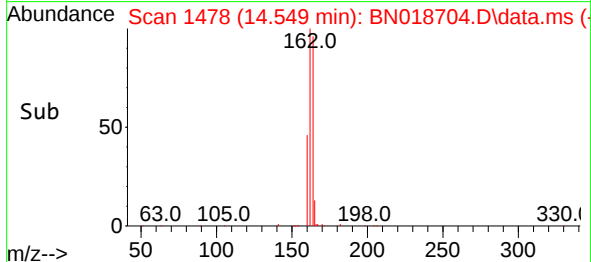
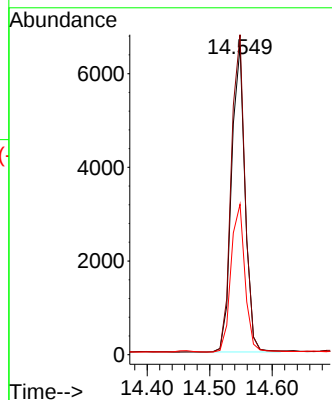
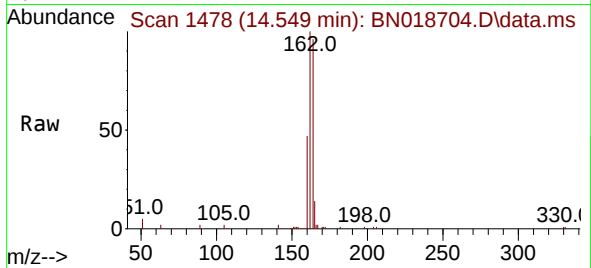




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.549 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

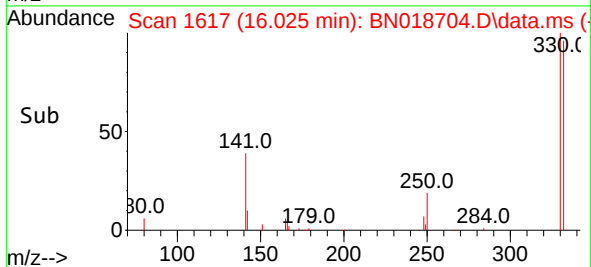
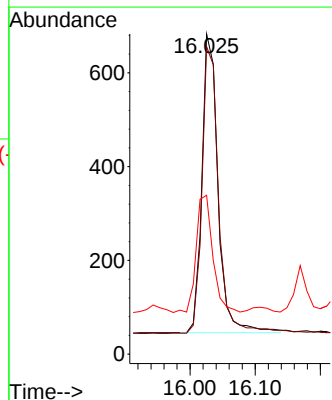
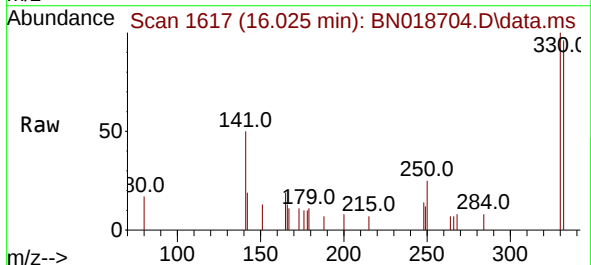
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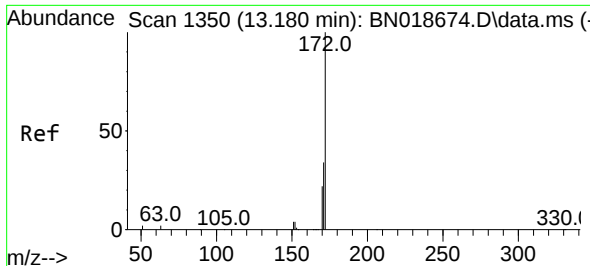
Tgt Ion:164 Resp: 9829
Ion Ratio Lower Upper
164 100
162 103.8 80.2 120.2
160 48.8 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 16.025 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

Tgt Ion:330 Resp: 1092
Ion Ratio Lower Upper
330 100
332 98.9 0.0 0.0#
141 40.5 21.3 31.9#

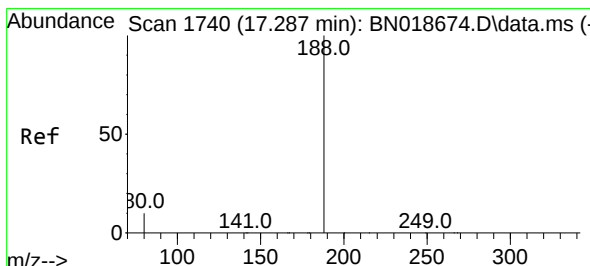
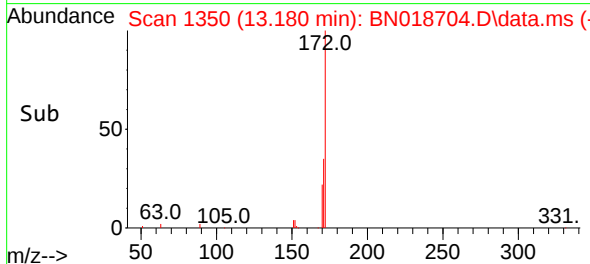
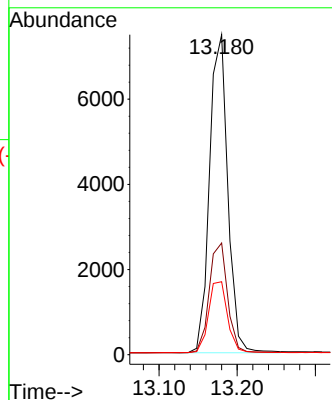
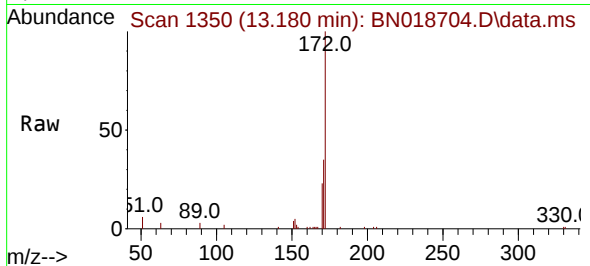




#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 13.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

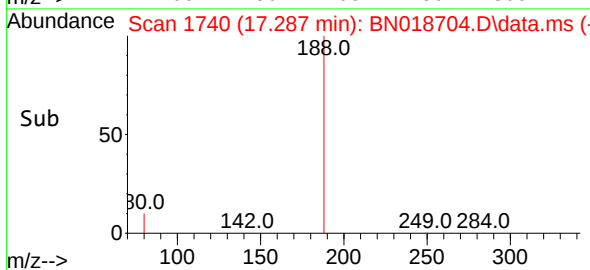
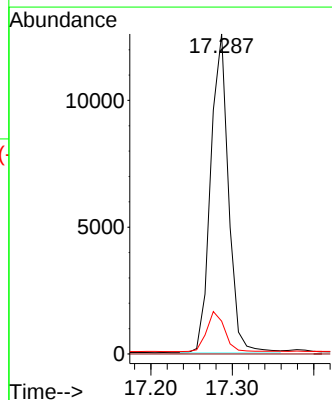
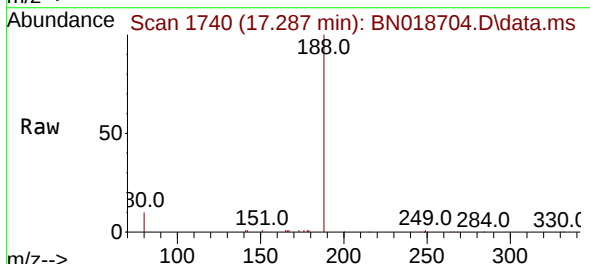
Instrument :
BNA_N
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PRPH-DUP-GW

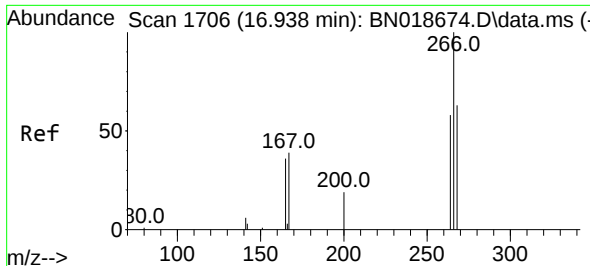
Tgt Ion:172 Resp: 12151
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 22.8 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.287 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

Tgt Ion:188 Resp: 19125
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 7.0 10.4

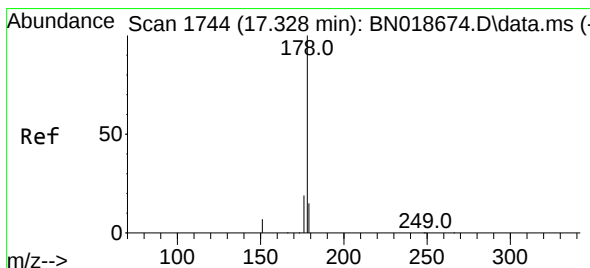
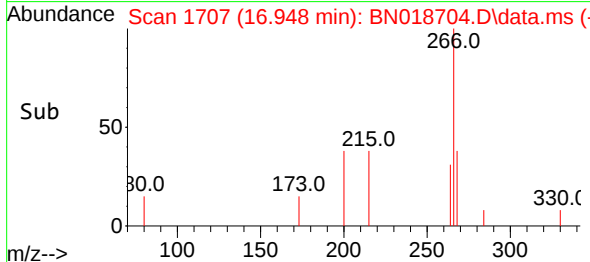
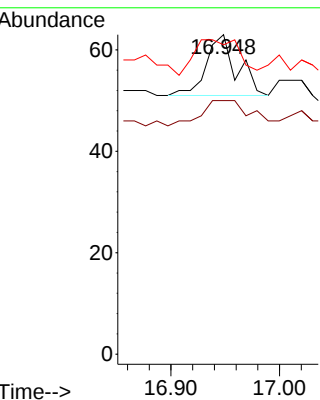
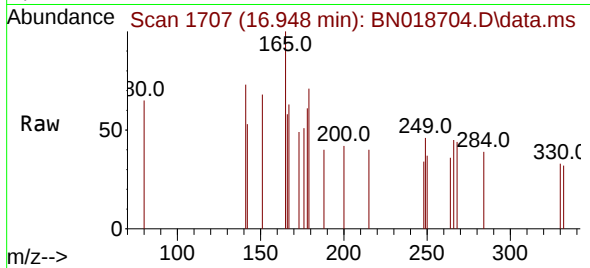




#24
 Pentachlorophenol
 Concen: 0.159 ng
 RT: 16.948 min Scan# 1707
 Delta R.T. 0.010 min
 Lab File: BN018704.D
 Acq: 23 Feb 2022 19:08

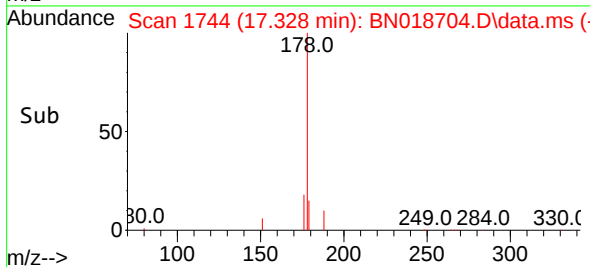
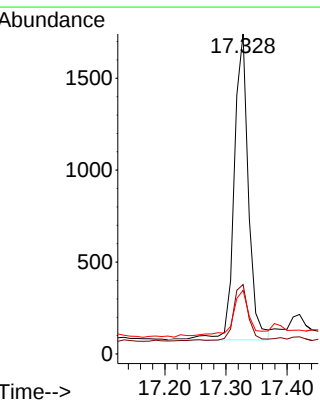
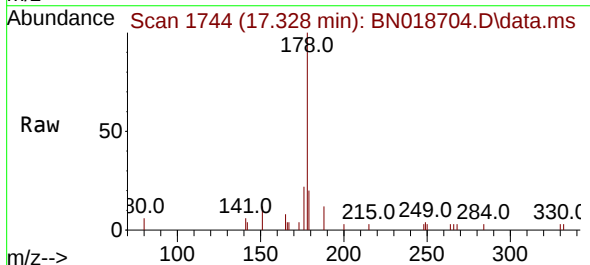
Instrument :
 BNA_N
 ClientSampleId :
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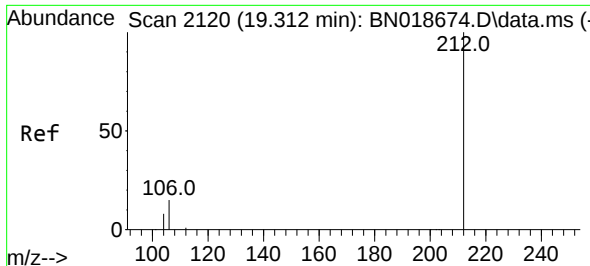
Tgt Ion:266 Resp: 23
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 0.0 50.6 76.0#



#25
 Phenanthrene
 Concen: 0.042 ng
 RT: 17.328 min Scan# 1744
 Delta R.T. -0.000 min
 Lab File: BN018704.D
 Acq: 23 Feb 2022 19:08

Tgt Ion:178 Resp: 2701
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.3 22.9
 179 18.8 12.3 18.5#

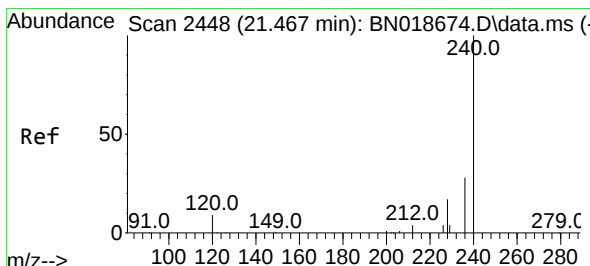
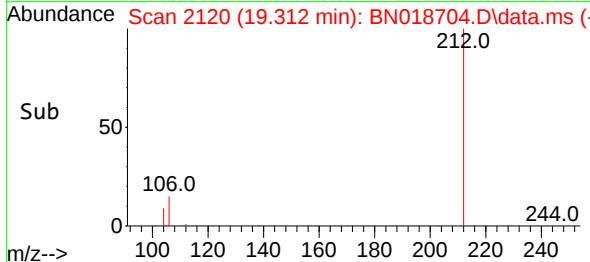
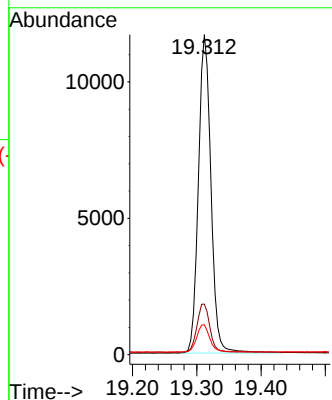
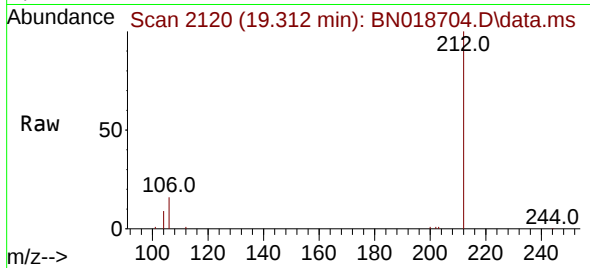




#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.312 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

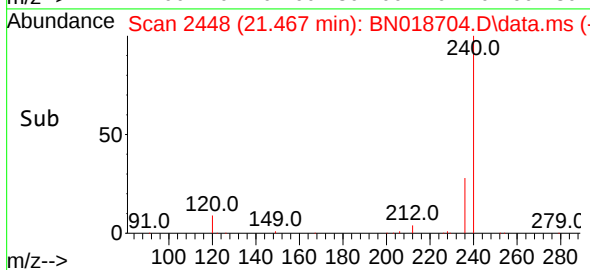
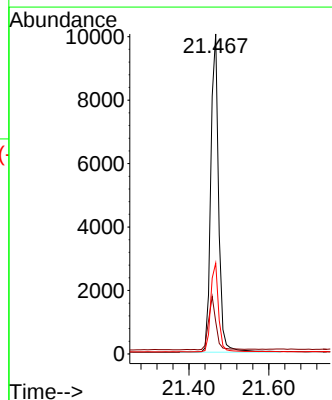
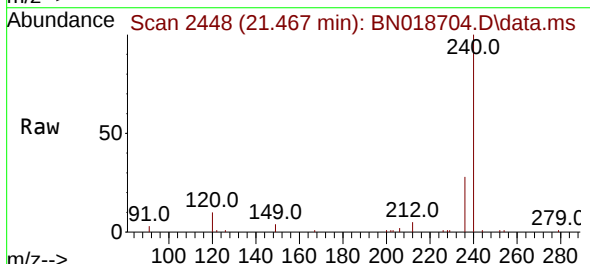
Instrument :
BNA_N
ClientSampleId :
PRPH-DUP-GW

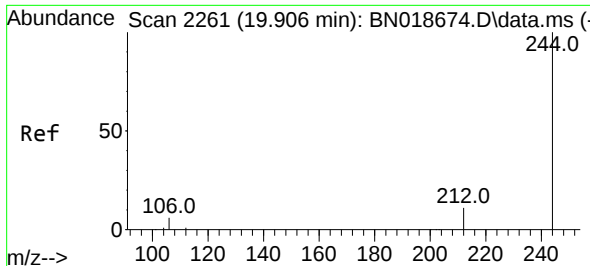
Tgt Ion:212 Resp: 15830
Ion Ratio Lower Upper
212 100
106 15.7 8.4 12.6#
104 9.2 4.5 6.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.467 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BN018704.D
Acq: 23 Feb 2022 19:08

Tgt Ion:240 Resp: 13676
Ion Ratio Lower Upper
240 100
120 10.1 6.0 9.0#
236 28.4 21.4 32.2

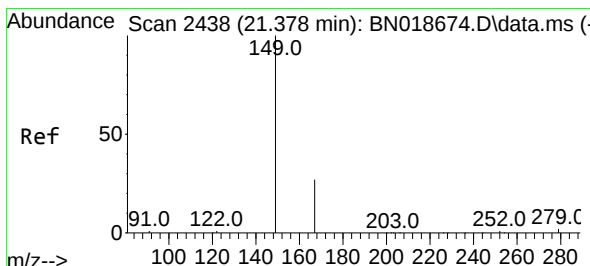
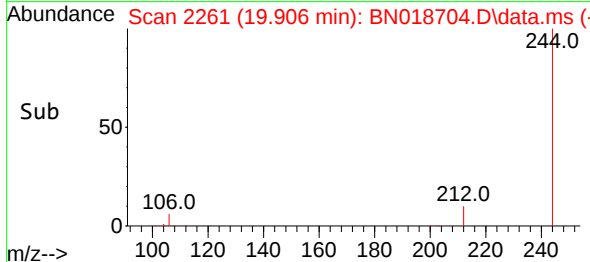
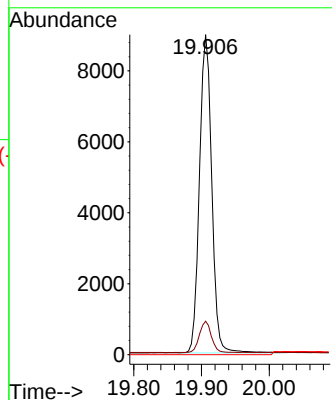
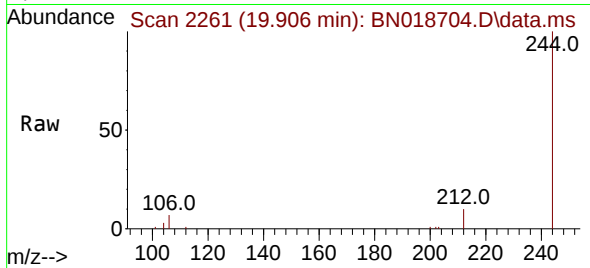




#31
 Terphenyl-d14
 Concen: 0.394 ng
 RT: 19.906 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN018704.D
 Acq: 23 Feb 2022 19:08

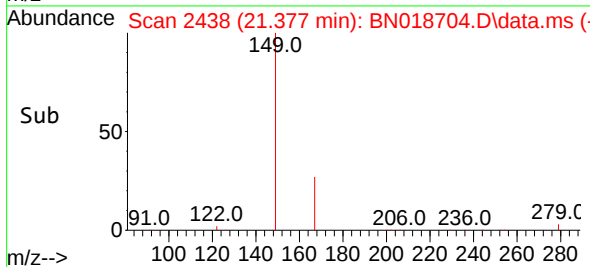
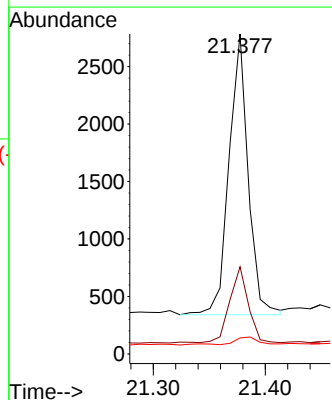
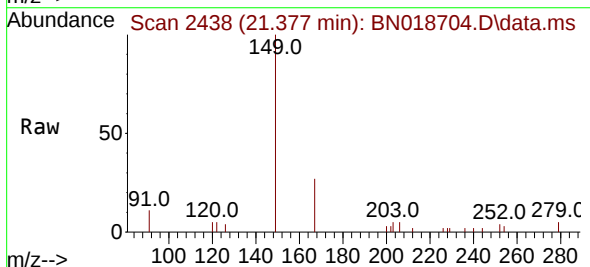
Instrument :
 BNA_N
 ClientSampleId :
 PRPH-DUP-GW

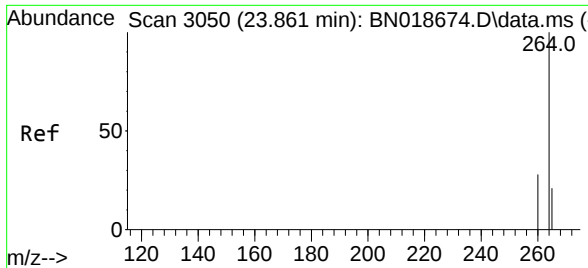
Tgt Ion:244 Resp: 11687
 Ion Ratio Lower Upper
 244 100
 212 10.5 6.2 9.2#
 122 0.0 7.9 11.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.138 ng
 RT: 21.377 min Scan# 2438
 Delta R.T. -0.000 min
 Lab File: BN018704.D
 Acq: 23 Feb 2022 19:08

Tgt Ion:149 Resp: 2910
 Ion Ratio Lower Upper
 149 100
 167 26.3 23.7 35.5
 279 3.1 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.860 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN018704.D
 Acq: 23 Feb 2022 19:08

Instrument :
 BNA_N
 ClientSampleId :
 PRPH-DUP-GW

Tgt Ion:	264	Resp:	11016
Ion Ratio	Lower	Upper	
264	100		
260	27.2	20.2	30.4
265	32.1	18.2	27.2#

