

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027570.D
 Acq On : 11 Sep 2023 10:27
 Operator : MA/JU
 Sample : 04252-03
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-12B-50-083023

Quant Time: Sep 12 01:30:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 05:26:09 2023
 Response via : Initial Calibration

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

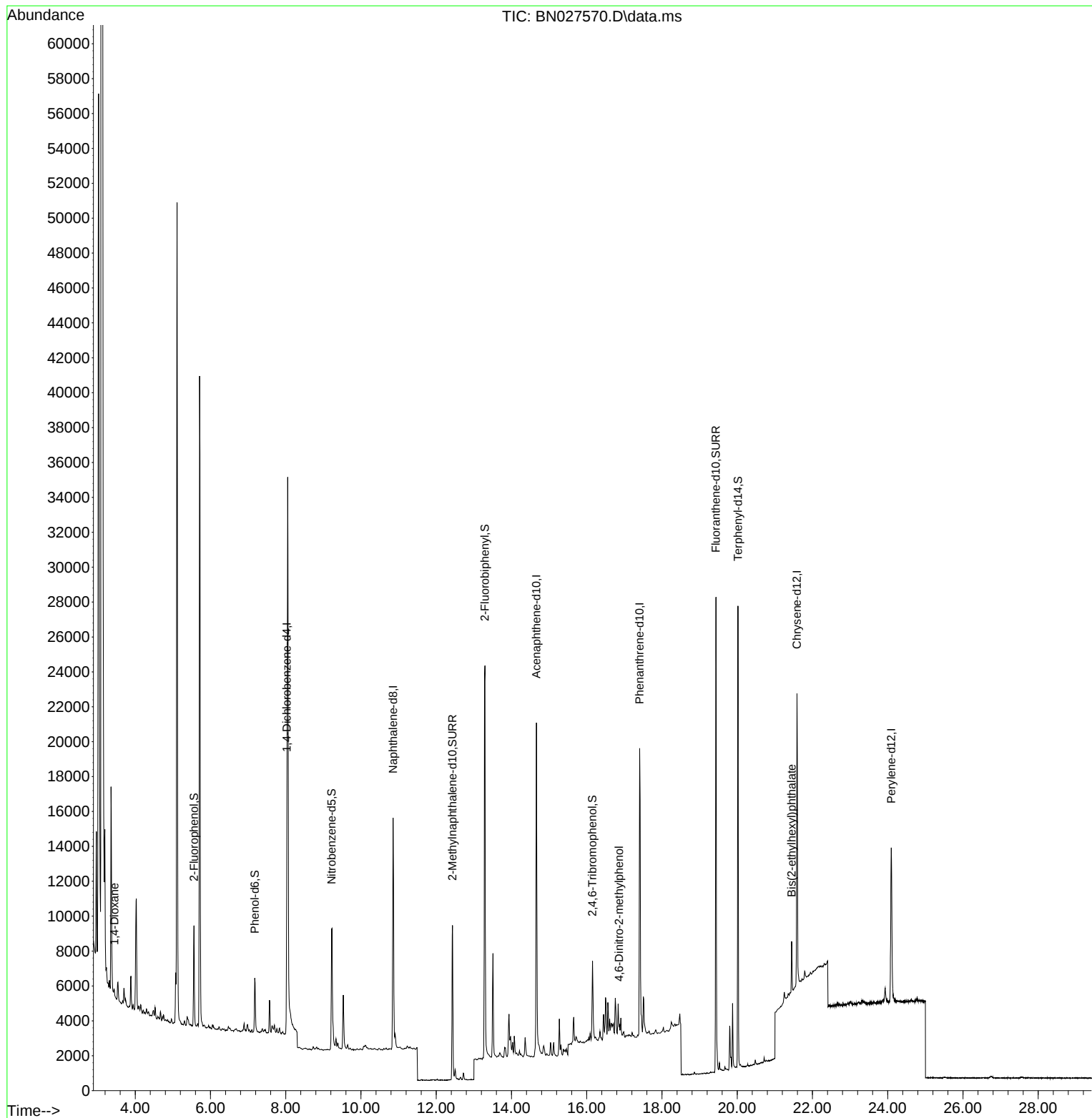
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6192	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	18862	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	11784	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	25280	0.400	ng	-0.01
29) Chrysene-d12	21.587	240	16642	0.400	ng	0.00
35) Perylene-d12	24.095	264	13977	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	4605	0.285	ng	0.00
5) Phenol-d6	7.178	99	3338	0.170	ng	0.00
8) Nitrobenzene-d5	9.219	82	6812	0.496	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	12918	0.466	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	2858	0.655	ng	0.00
15) 2-Fluorobiphenyl	13.293	172	22823	0.509	ng	0.00
27) Fluoranthene-d10	19.435	212	29632	0.472	ng	0.00
31) Terphenyl-d14	20.020	244	26065	0.780	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.444	88	270	0.036	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.859	198	9	0.025	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.444	149	2956	0.107	ng	99

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

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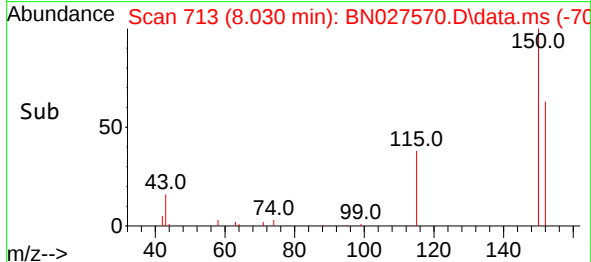
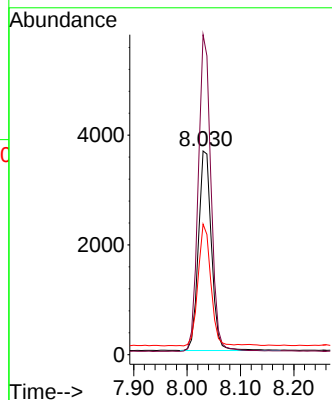
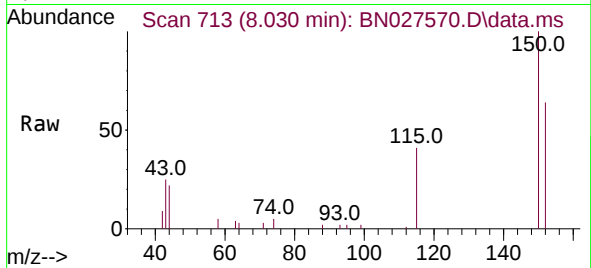




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027570.D
Acq: 11 Sep 2023 10:27

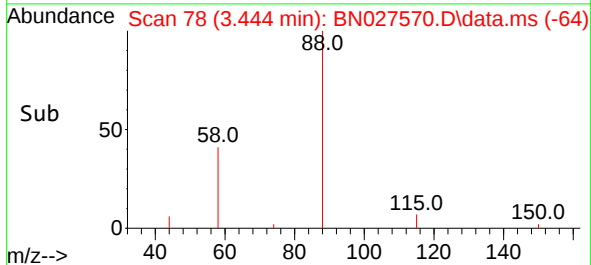
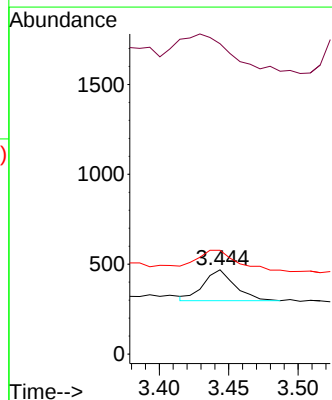
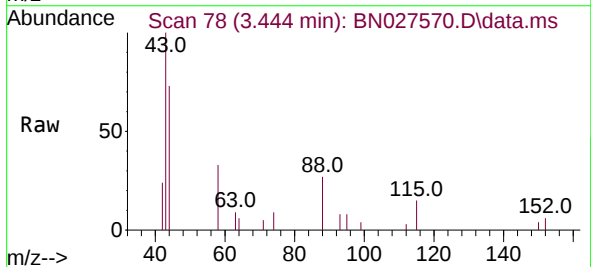
Instrument :
BNA_N
ClientSampleId :
MW-12B-50-083023

Tgt Ion:152 Resp: 6192
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 64.1 48.6 73.0



#2
1,4-Dioxane
Concen: 0.036 ng
RT: 3.444 min Scan# 78
Delta R.T. -0.000 min
Lab File: BN027570.D
Acq: 11 Sep 2023 10:27

Tgt Ion: 88 Resp: 270
Ion Ratio Lower Upper
88 100
43 202.6 19.1 28.7#
58 89.6 52.2 78.2#





#4

2-Fluorophenol

Concen: 0.285 ng

RT: 5.560 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN027570.D

Acq: 11 Sep 2023 10:27

Instrument :

BNA_N

ClientSampleId :

MW-12B-50-083023

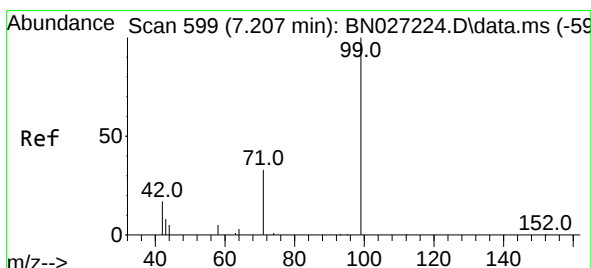
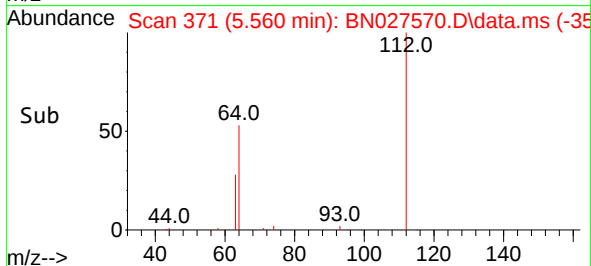
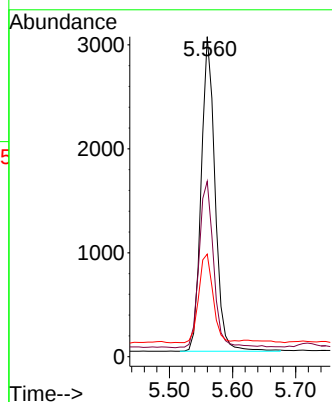
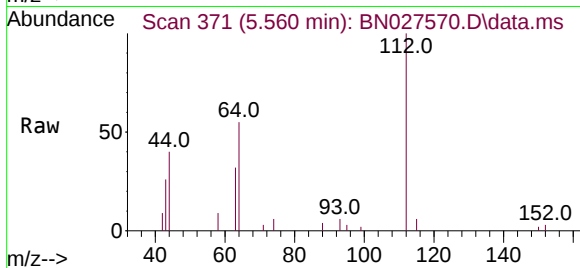
Tgt Ion:112 Resp: 4605

Ion Ratio Lower Upper

112 100

64 56.1 44.4 66.6

63 29.3 23.1 34.7



#5

Phenol-d6

Concen: 0.170 ng

RT: 7.178 min Scan# 595

Delta R.T. -0.000 min

Lab File: BN027570.D

Acq: 11 Sep 2023 10:27

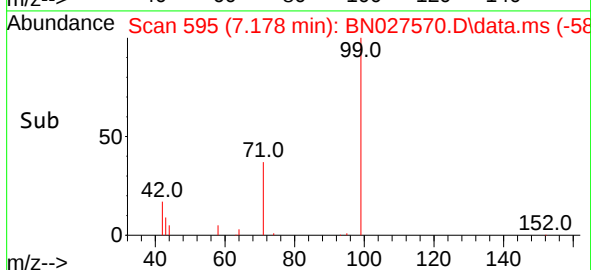
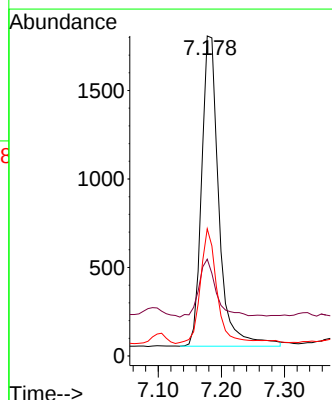
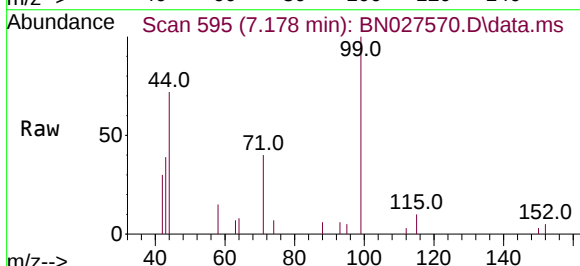
Tgt Ion: 99 Resp: 3338

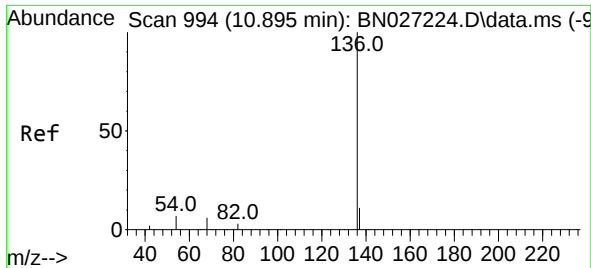
Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 36.2 25.8 38.6

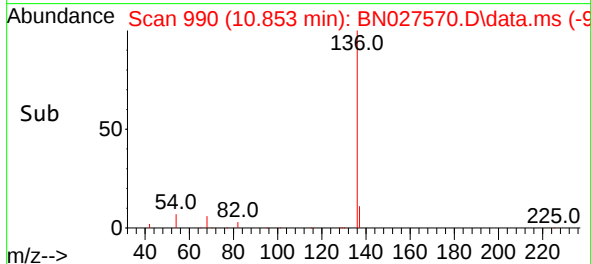
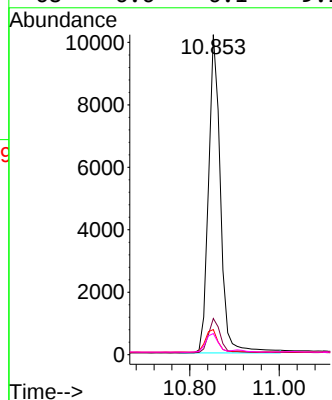
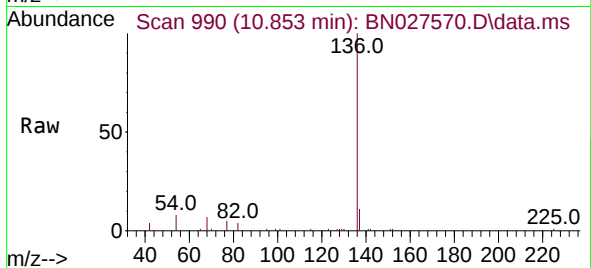




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027570.D
Acq: 11 Sep 2023 10:27

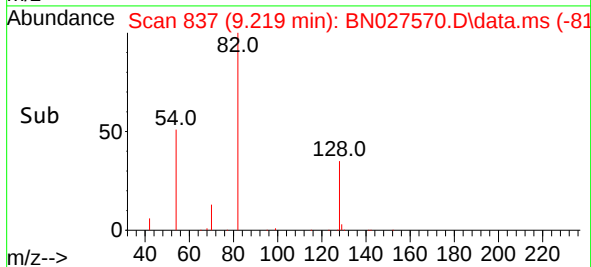
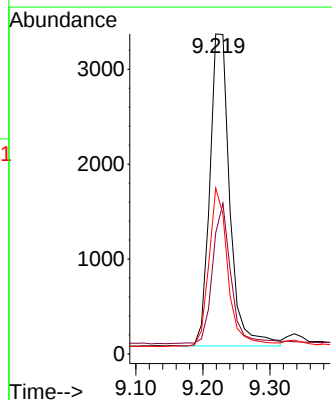
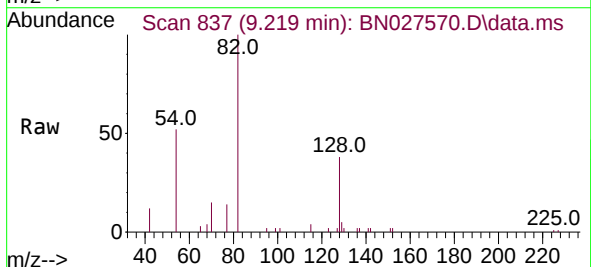
Instrument :
BNA_N
ClientSampleId :
MW-12B-50-083023

Tgt Ion:	136	Resp:	18862
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	7.8	6.7	10.1
68	6.6	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.496 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.000 min
Lab File: BN027570.D
Acq: 11 Sep 2023 10:27

Tgt Ion:	82	Resp:	6812
Ion Ratio	Lower	Upper	
82	100		
128	37.9	33.4	50.0
54	51.8	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.466 ng

RT: 12.430 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN027570.D

Acq: 11 Sep 2023 10:27

Instrument :

BNA_N

ClientSampleId :

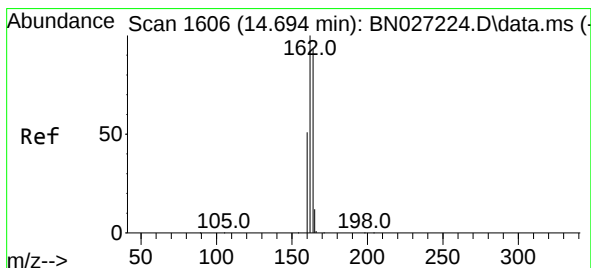
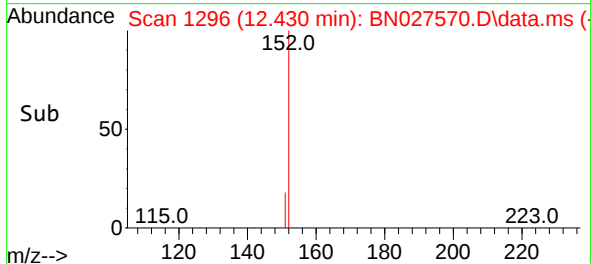
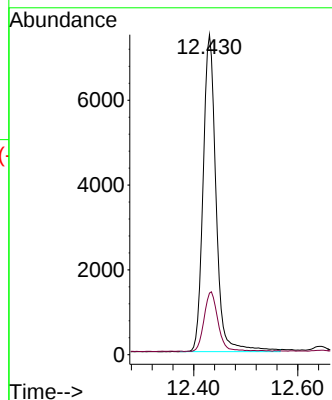
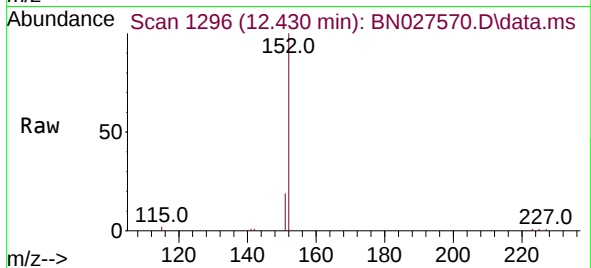
MW-12B-50-083023

Tgt Ion:152 Resp: 12918

Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1603

Delta R.T. -0.000 min

Lab File: BN027570.D

Acq: 11 Sep 2023 10:27

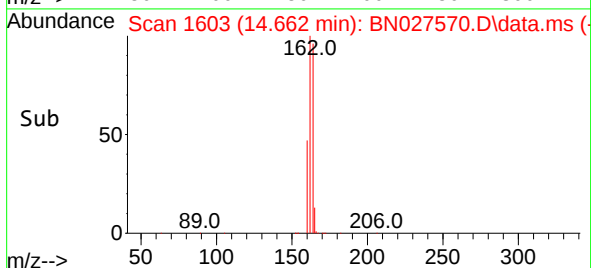
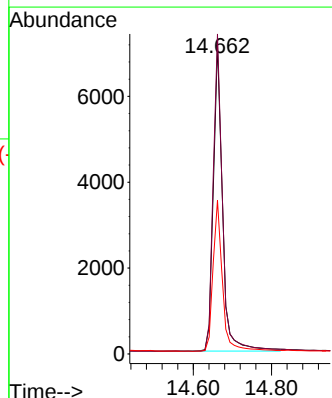
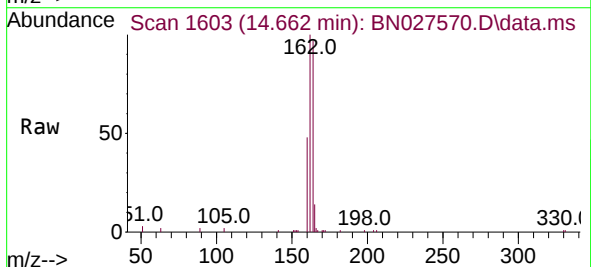
Tgt Ion:164 Resp: 11784

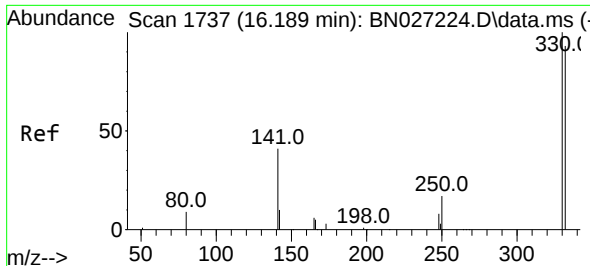
Ion Ratio Lower Upper

164 100

162 103.5 85.8 128.8

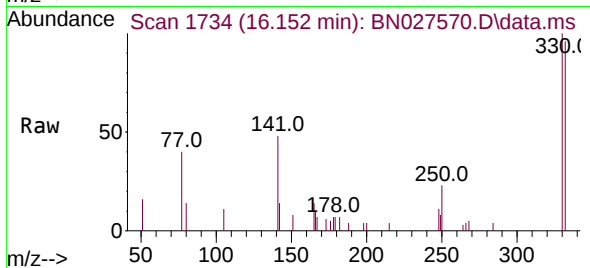
160 49.7 44.2 66.2



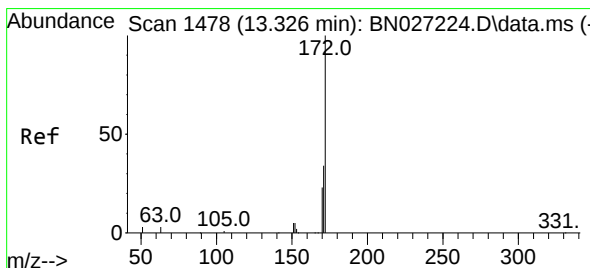
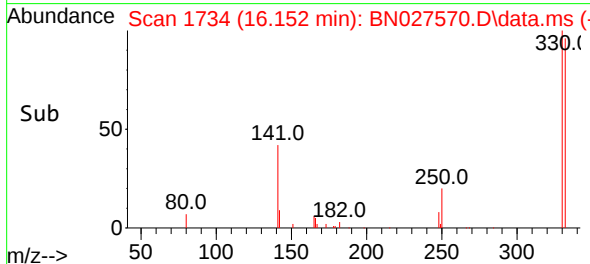
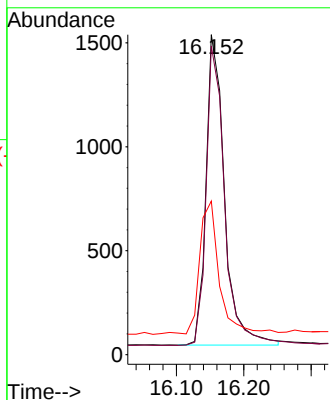


#14
2,4,6-Tribromophenol
Concen: 0.655 ng
RT: 16.152 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027570.D
Acq: 11 Sep 2023 10:27

Instrument :
BNA_N
ClientSampleId :
MW-12B-50-083023

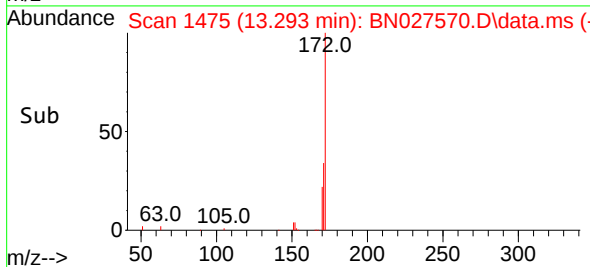
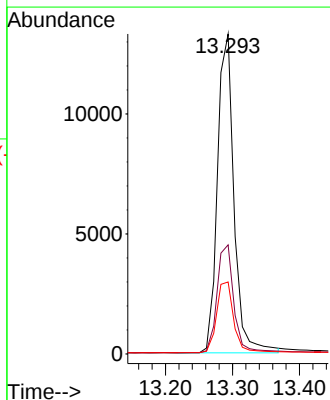
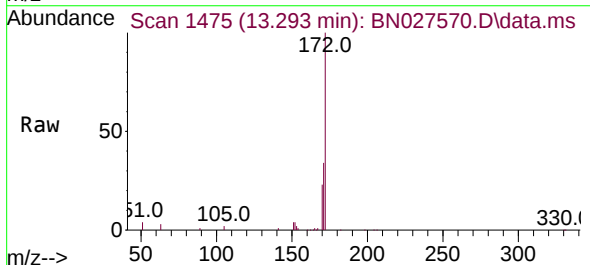


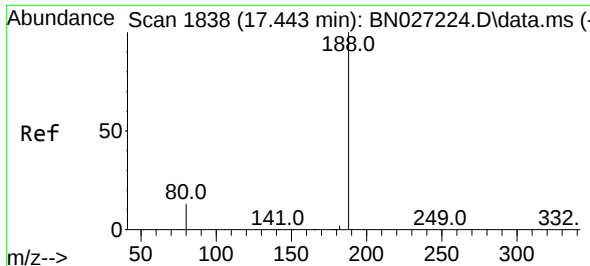
Tgt Ion:330 Resp: 2858
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 44.6 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.509 ng
RT: 13.293 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN027570.D
Acq: 11 Sep 2023 10:27

Tgt Ion:172 Resp: 22823
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.8
170 22.5 19.3 28.9

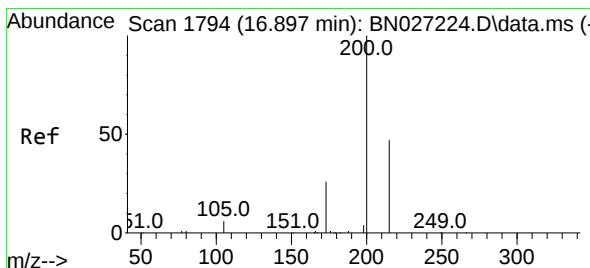
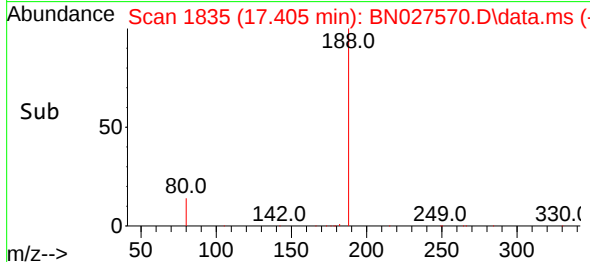
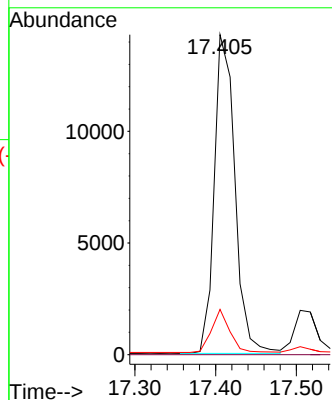
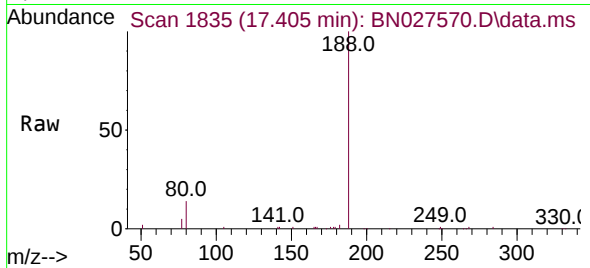




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BN027570.D
Acq: 11 Sep 2023 10:27

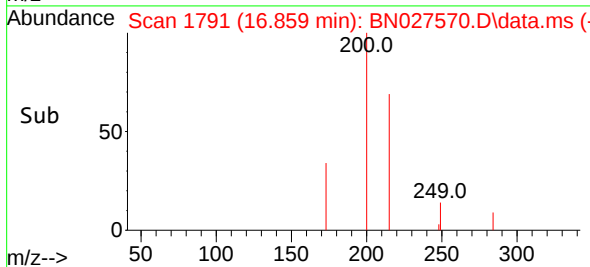
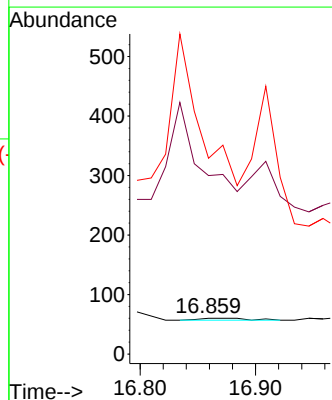
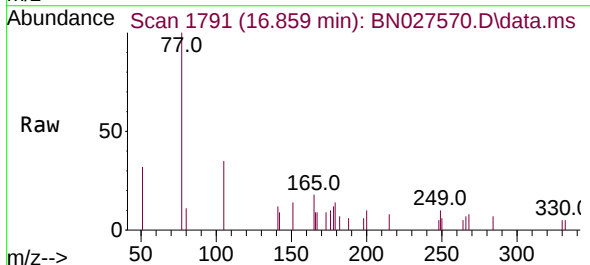
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BNA_N
ClientSampleId :
MW-12B-50-083023

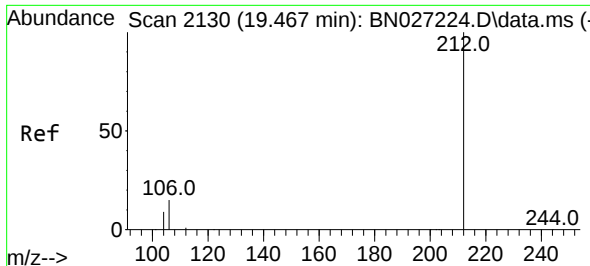
Tgt Ion:188 Resp: 25280
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 11.0 16.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 16.859 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN027570.D
Acq: 11 Sep 2023 10:27

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 500.0 282.2 423.2#
105 548.3 168.7 253.1#

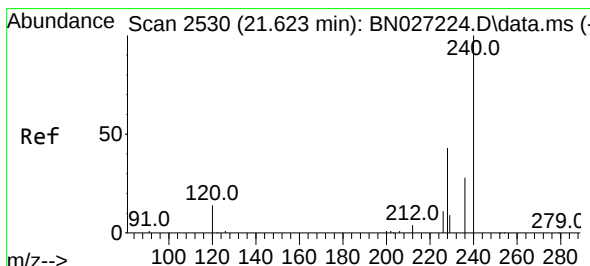
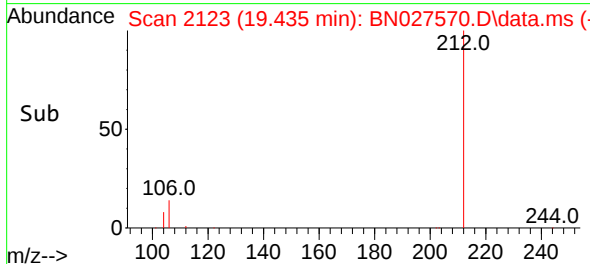
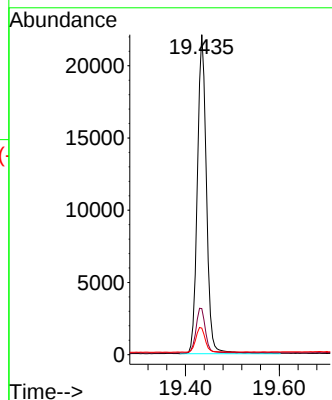
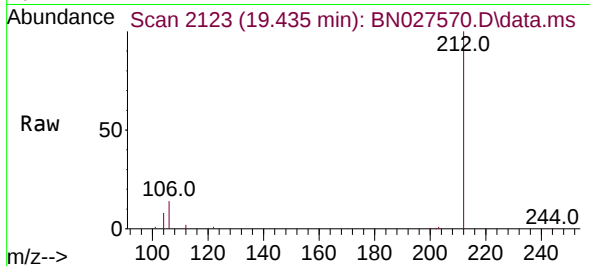




#27
Fluoranthene-d10
Concen: 0.472 ng
RT: 19.435 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN027570.D
Acq: 11 Sep 2023 10:27

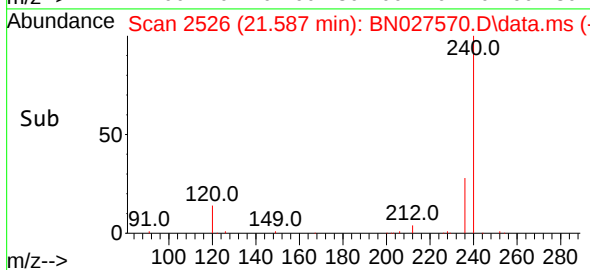
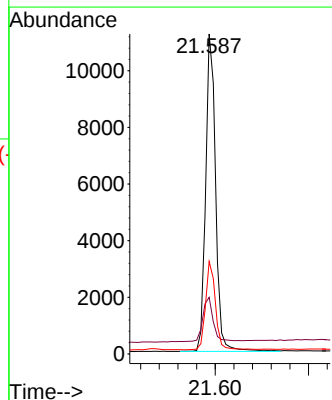
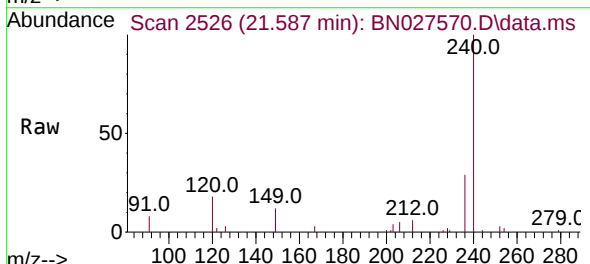
Instrument :
BNA_N
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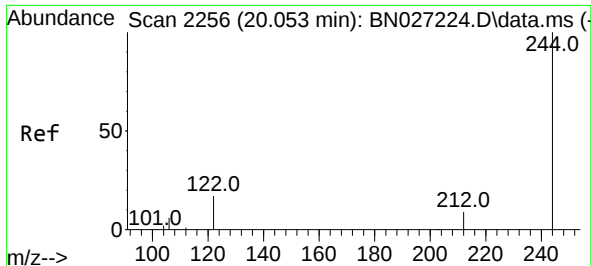
Tgt Ion:212 Resp: 29632
Ion Ratio Lower Upper
212 100
106 14.5 12.1 18.1
104 8.0 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BN027570.D
Acq: 11 Sep 2023 10:27

Tgt Ion:240 Resp: 16642
Ion Ratio Lower Upper
240 100
120 17.7 14.2 21.4
236 28.9 22.9 34.3

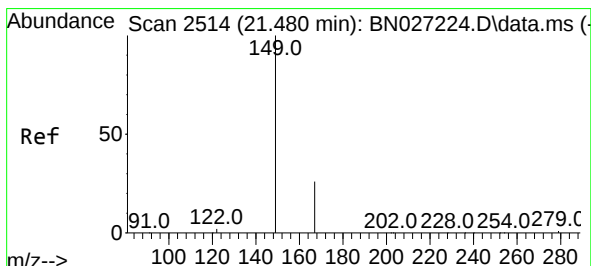
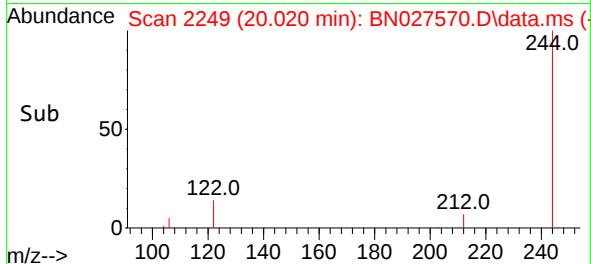
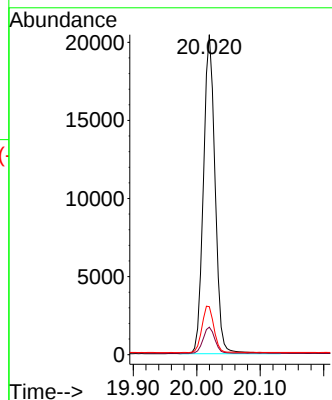
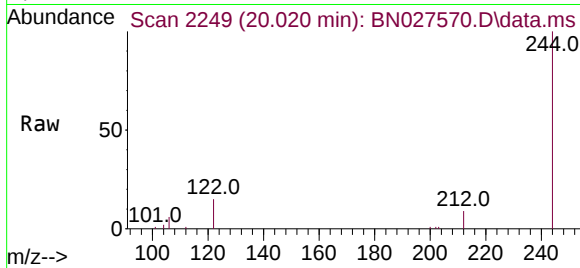




#31
 Terphenyl-d14
 Concen: 0.780 ng
 RT: 20.020 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN027570.D
 Acq: 11 Sep 2023 10:27

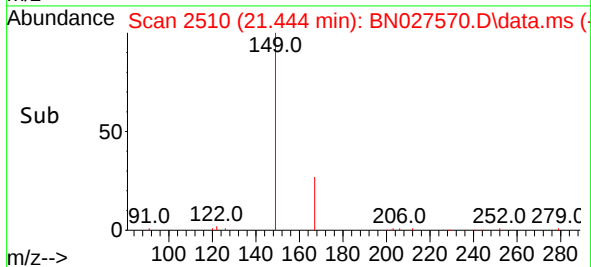
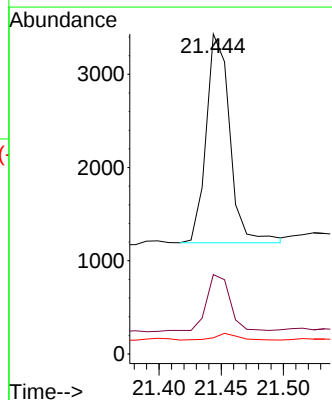
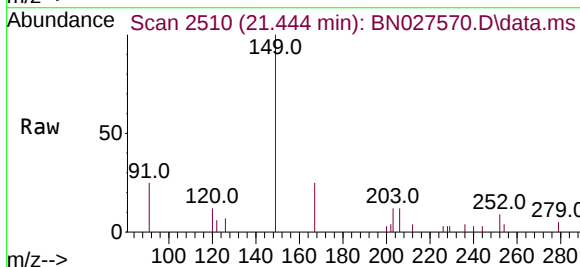
Instrument :
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 MW-12B-50-083023

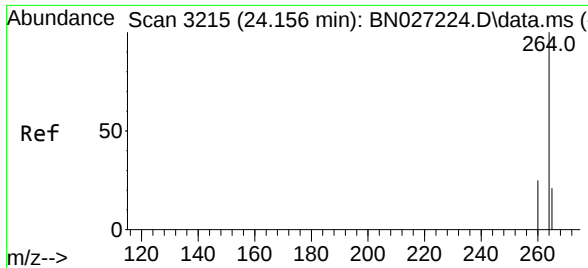
Tgt Ion:244 Resp: 26065
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.5 11.3
 122 15.0 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.107 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. -0.000 min
 Lab File: BN027570.D
 Acq: 11 Sep 2023 10:27

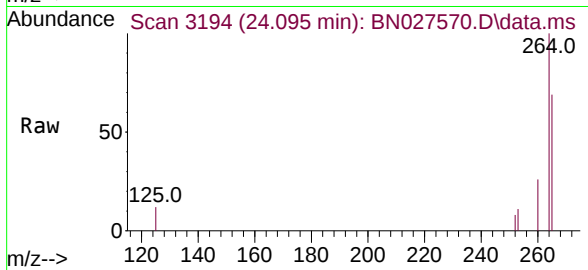
Tgt Ion:149 Resp: 2956
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.1 33.1
 279 3.1 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.095 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027570.D
 Acq: 11 Sep 2023 10:27

Instrument :
 BNA_N
 ClientSampleId :
 MW-12B-50-083023



Tgt Ion:264 Resp: 13977

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.7	31.1
265	69.2	53.3	79.9

