

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040425\
 Data File : BN036839.D
 Acq On : 04 Apr 2025 17:22
 Operator : RC/JU
 Sample : Q1731-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-01B-82-040325

Quant Time: Apr 04 17:44:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

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

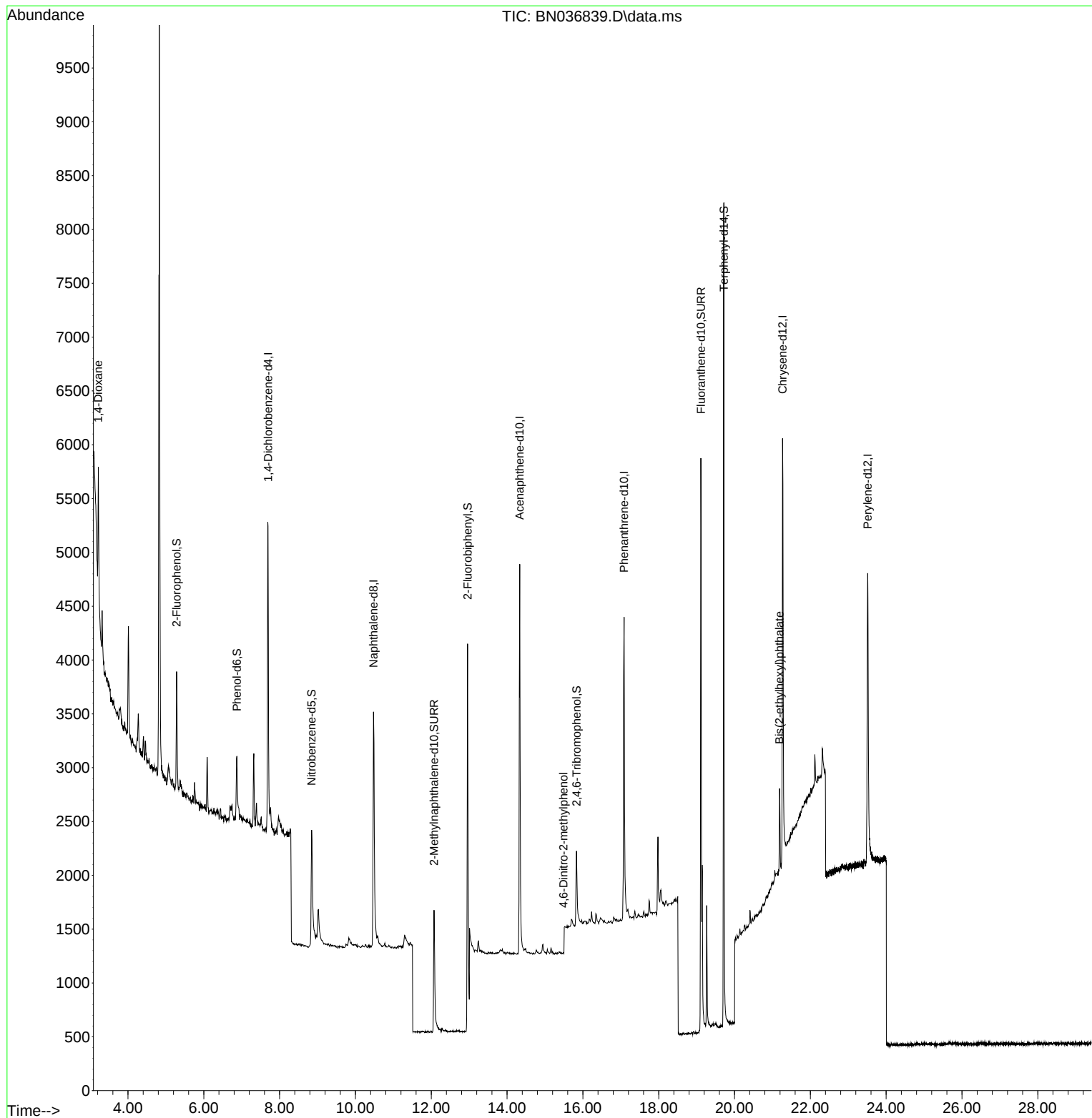
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1599	0.400	ng	0.00
7) Naphthalene-d8	10.477	136	3869	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	2334	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4949	0.400	ng	0.01
29) Chrysene-d12	21.268	240	4533	0.400	ng	0.00
35) Perylene-d12	23.513	264	4219	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	823	0.221	ng	0.00
5) Phenol-d6	6.872	99	728	0.158	ng	0.00
8) Nitrobenzene-d5	8.843	82	1425	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	12.075	152	2127	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	491	0.464	ng	0.00
15) 2-Fluorobiphenyl	12.958	172	5425	0.400	ng	0.00
27) Fluoranthene-d10	19.113	212	6327	0.499	ng	0.00
31) Terphenyl-d14	19.717	244	7494	0.690	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.218	88	671	0.378	ng	# 54
20) 4,6-Dinitro-2-methylph...	15.489	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.187	149	831	0.074	ng	# 98

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

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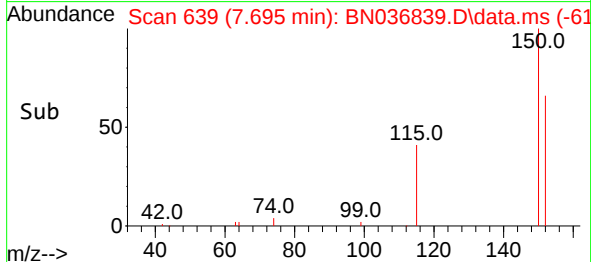
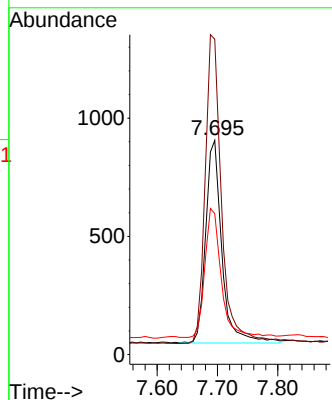
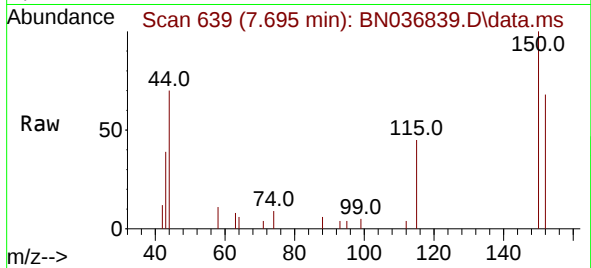




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN036839.D
 Acq: 04 Apr 2025 17:22

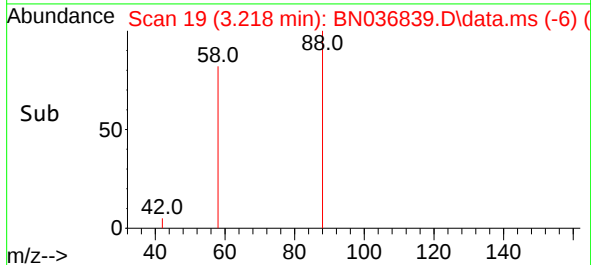
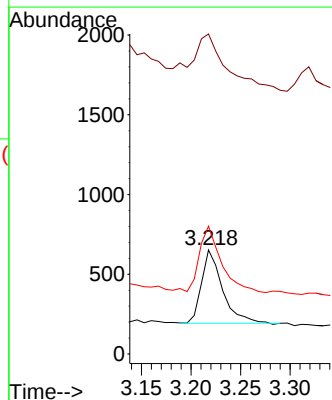
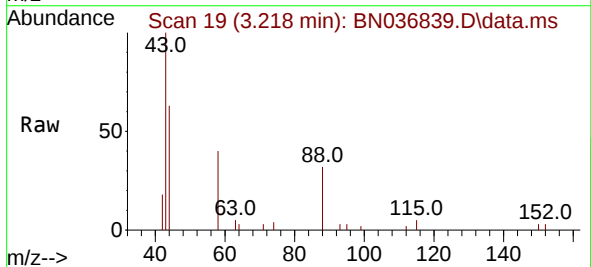
Instrument :
 BNA_N
 ClientSampleId :
 RMW-01B-82-040325

Tgt Ion:152 Resp: 1599
 Ion Ratio Lower Upper
 152 100
 150 147.2 123.7 185.5
 115 65.8 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.378 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.007 min
 Lab File: BN036839.D
 Acq: 04 Apr 2025 17:22

Tgt Ion: 88 Resp: 671
 Ion Ratio Lower Upper
 88 100
 43 115.8 37.8 56.8#
 58 97.0 67.4 101.2

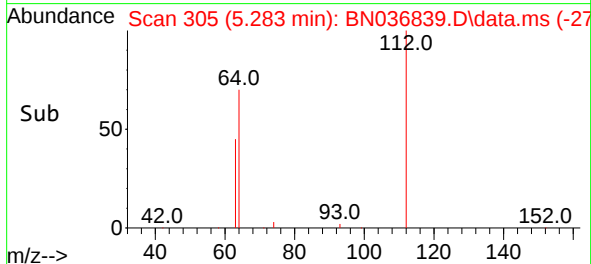
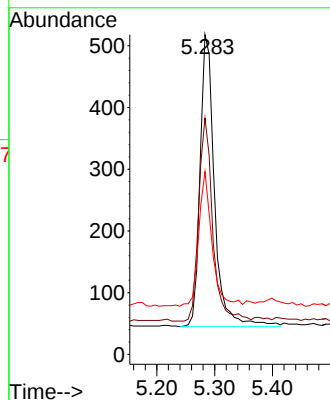
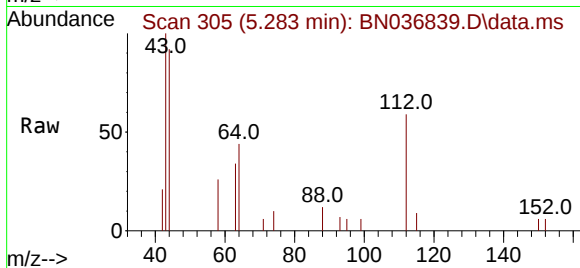




#4
2-Fluorophenol
Concen: 0.221 ng
RT: 5.283 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN036839.D
Acq: 04 Apr 2025 17:22

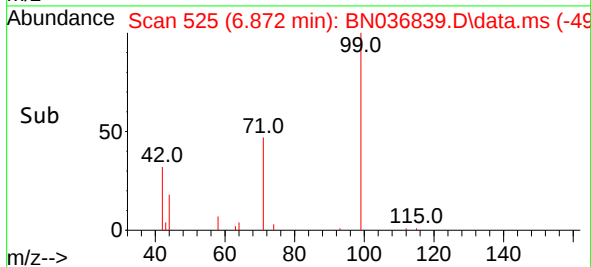
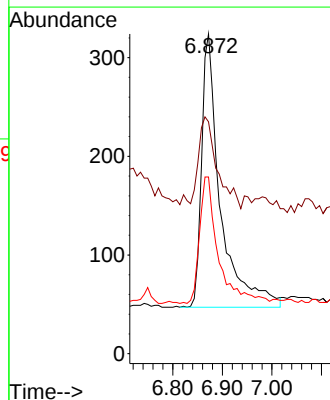
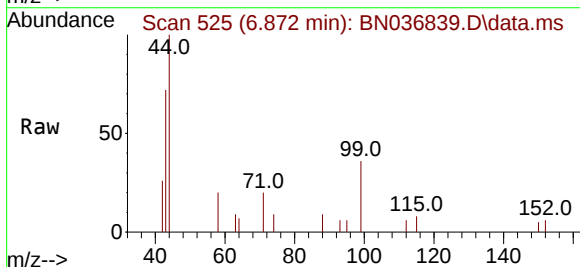
Instrument :
BNA_N
ClientSampleId :
RMW-01B-82-040325

Tgt Ion:112 Resp: 823
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 42.4 31.8 47.8



#5
Phenol-d6
Concen: 0.158 ng
RT: 6.872 min Scan# 525
Delta R.T. 0.007 min
Lab File: BN036839.D
Acq: 04 Apr 2025 17:22

Tgt Ion: 99 Resp: 728
Ion Ratio Lower Upper
99 100
42 33.7 26.5 39.7
71 46.0 34.1 51.1

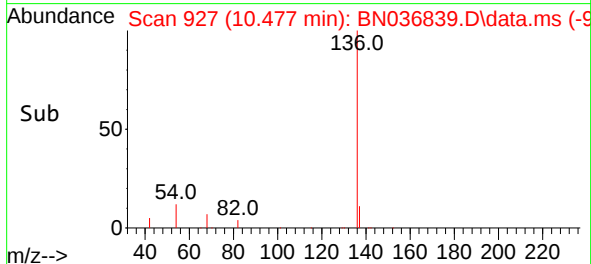
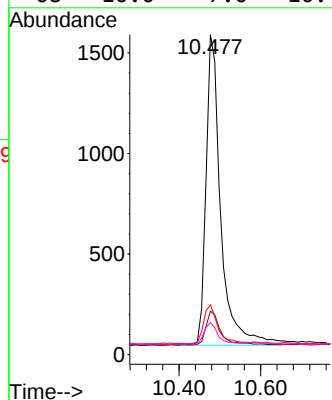
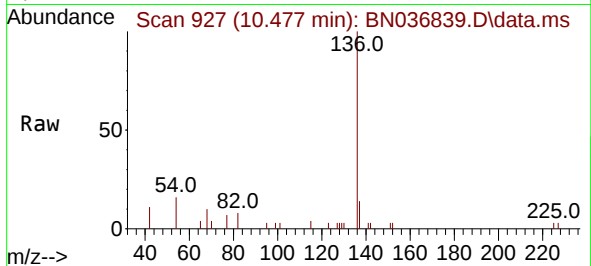




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036839.D
Acq: 04 Apr 2025 17:22

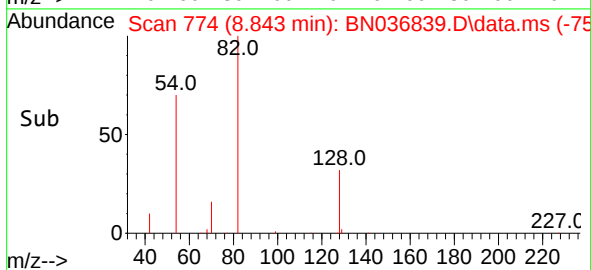
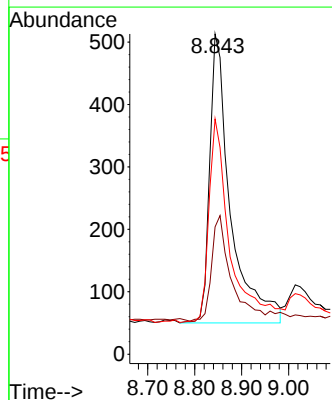
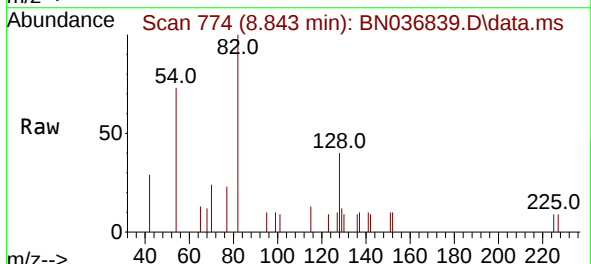
Instrument :
BNA_N
ClientSampleId :
RMW-01B-82-040325

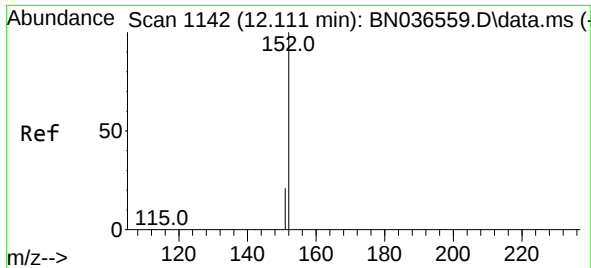
Tgt Ion:	136	Resp:	3869
Ion	Ratio	Lower	Upper
136	100		
137	13.6	10.3	15.5
54	15.5	11.5	17.3
68	10.0	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.000 min
Lab File: BN036839.D
Acq: 04 Apr 2025 17:22

Tgt Ion:	82	Resp:	1425
Ion	Ratio	Lower	Upper
82	100		
128	39.8	30.6	45.8
54	73.5	52.2	78.4

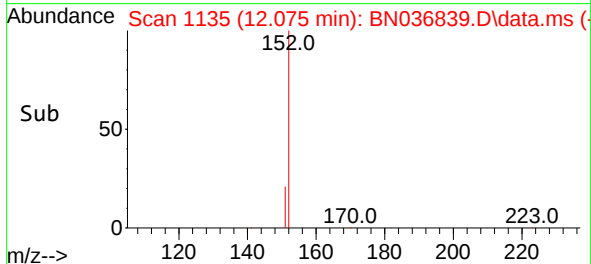
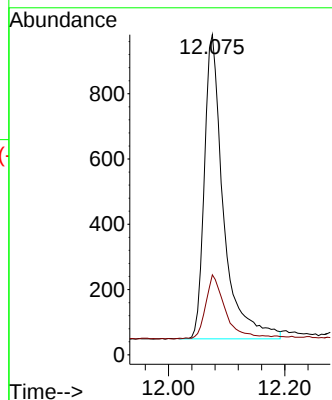
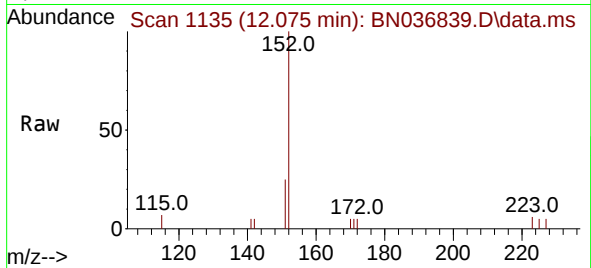




#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.075 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BN036839.D
Acq: 04 Apr 2025 17:22

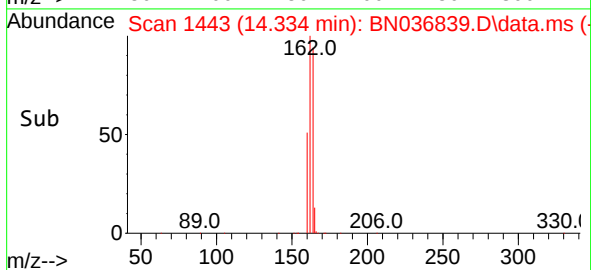
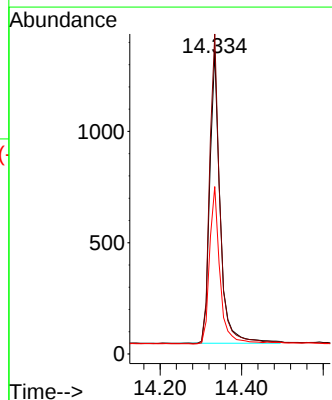
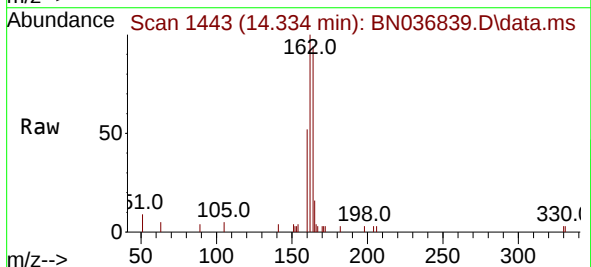
Instrument :
BNA_N
ClientSampleId :
RMW-01B-82-040325

Tgt Ion:152 Resp: 2127
Ion Ratio Lower Upper
152 100
151 21.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BN036839.D
Acq: 04 Apr 2025 17:22

Tgt Ion:164 Resp: 2334
Ion Ratio Lower Upper
164 100
162 106.0 84.2 126.2
160 55.5 42.2 63.2

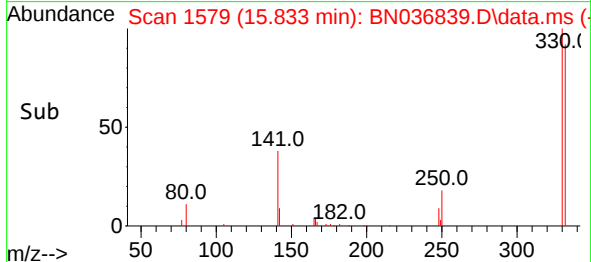
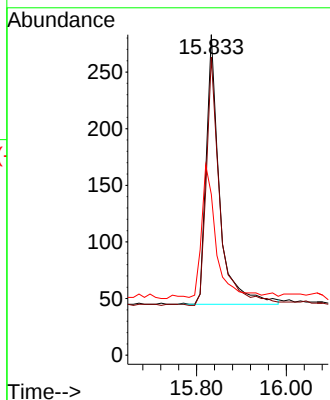
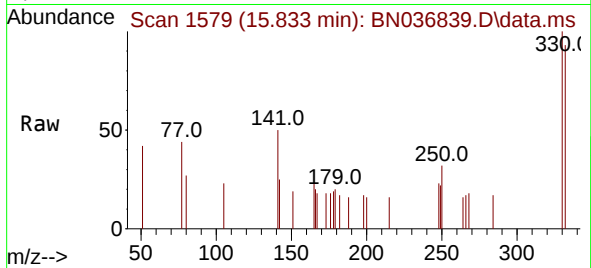




#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036839.D
Acq: 04 Apr 2025 17:22

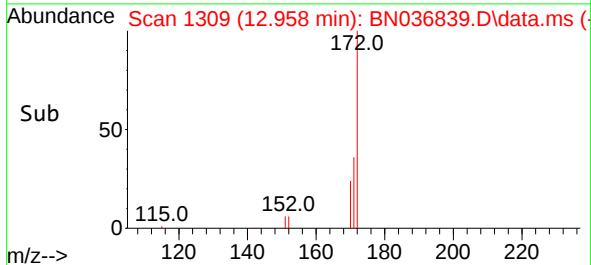
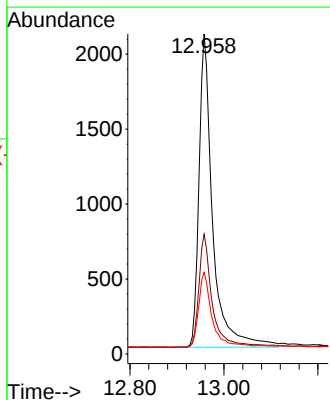
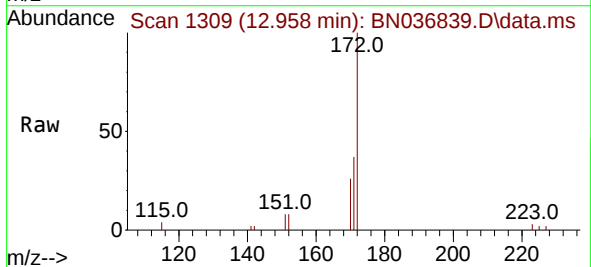
Instrument :
BNA_N
ClientSampleId :
RMW-01B-82-040325

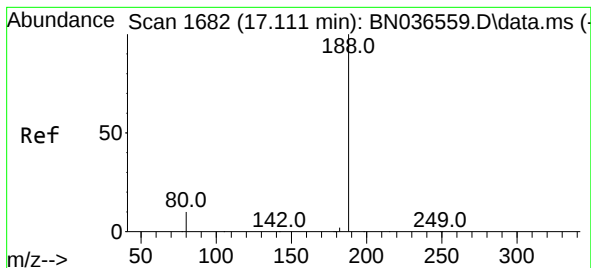
Tgt Ion:330 Resp: 491
Ion Ratio Lower Upper
330 100
332 94.5 75.2 112.8
141 52.5 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.958 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BN036839.D
Acq: 04 Apr 2025 17:22

Tgt Ion:172 Resp: 5425
Ion Ratio Lower Upper
172 100
171 37.5 29.5 44.3
170 25.5 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN036839.D

Acq: 04 Apr 2025 17:22

Instrument :

BNA_N

ClientSampleId :

RMW-01B-82-040325

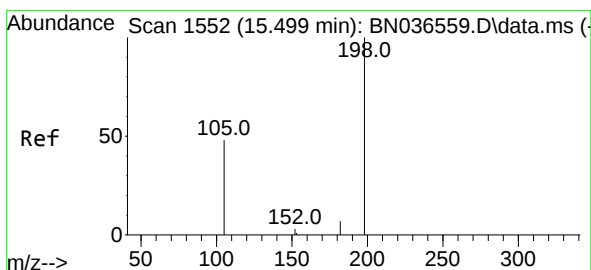
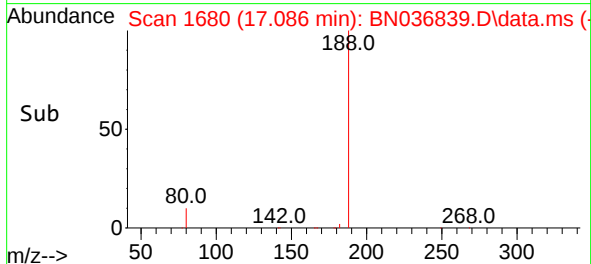
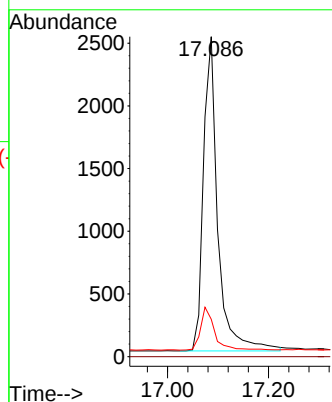
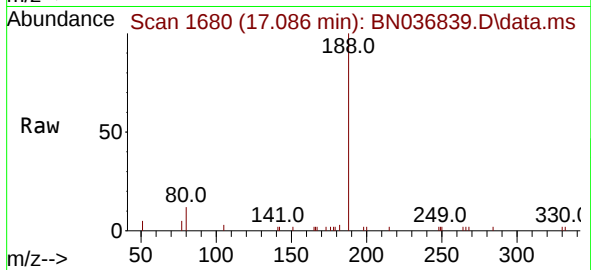
Tgt Ion:188 Resp: 4949

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.146 ng

RT: 15.489 min Scan# 1551

Delta R.T. 0.011 min

Lab File: BN036839.D

Acq: 04 Apr 2025 17:22

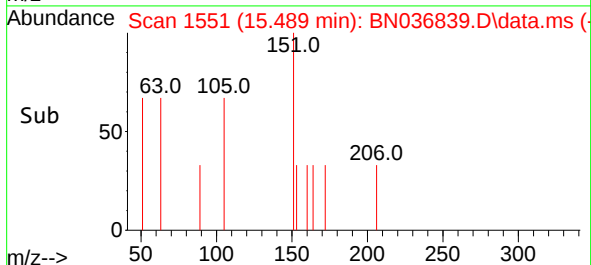
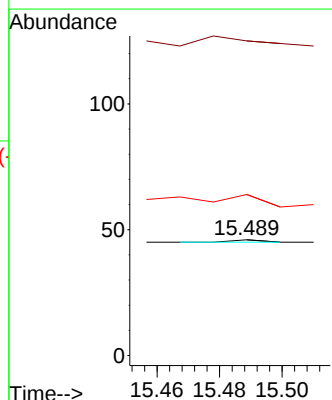
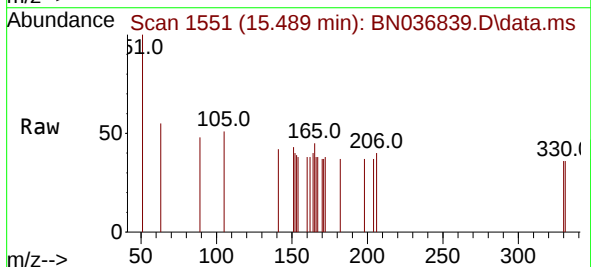
Tgt Ion:198 Resp: 1

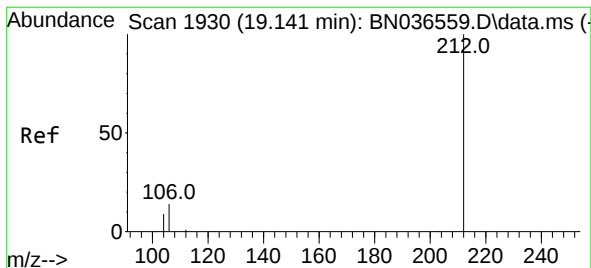
Ion Ratio Lower Upper

198 100

51 271.7 107.9 161.9#

105 139.1 56.2 84.2#





#27

Fluoranthene-d10

Concen: 0.499 ng

RT: 19.113 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BN036839.D

Acq: 04 Apr 2025 17:22

Instrument :

BNA_N

ClientSampleId :

RMW-01B-82-040325

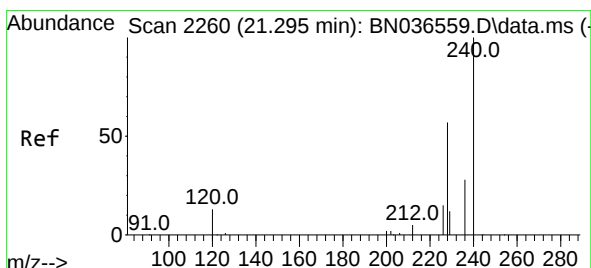
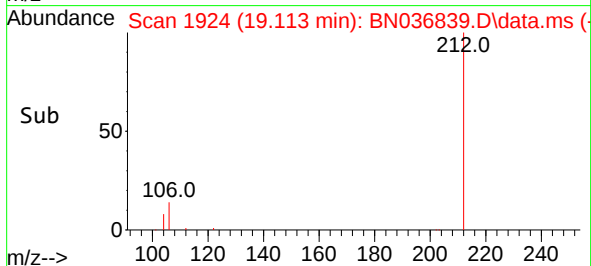
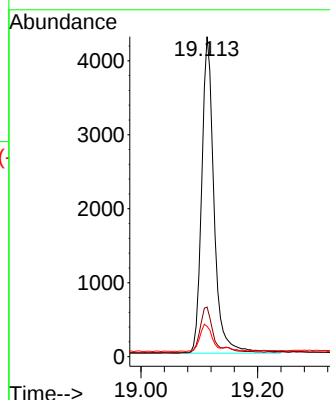
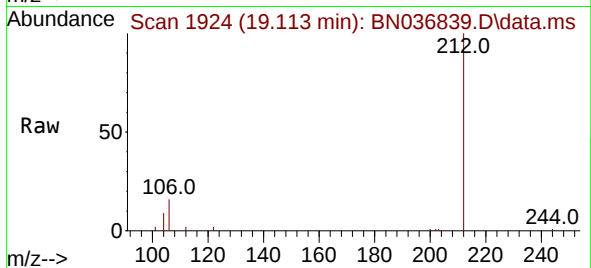
Tgt Ion:212 Resp: 6327

Ion Ratio Lower Upper

212 100

106 16.1 11.8 17.6

104 8.3 7.3 10.9



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 2257

Delta R.T. -0.000 min

Lab File: BN036839.D

Acq: 04 Apr 2025 17:22

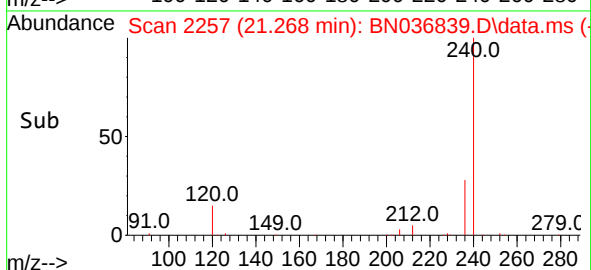
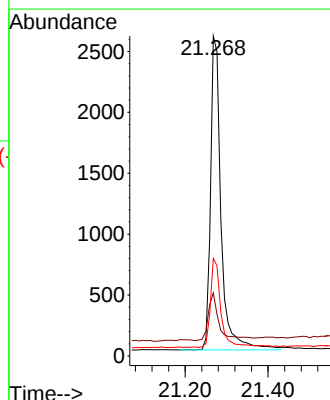
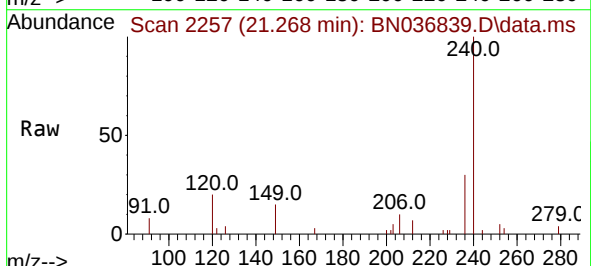
Tgt Ion:240 Resp: 4533

Ion Ratio Lower Upper

240 100

120 19.7 14.6 22.0

236 30.5 24.1 36.1

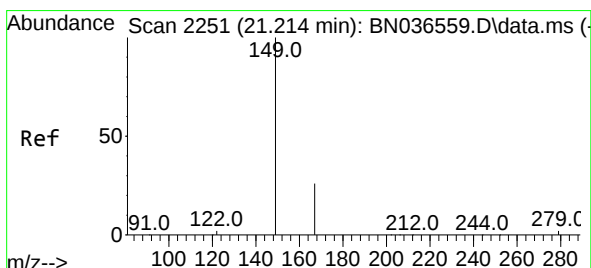
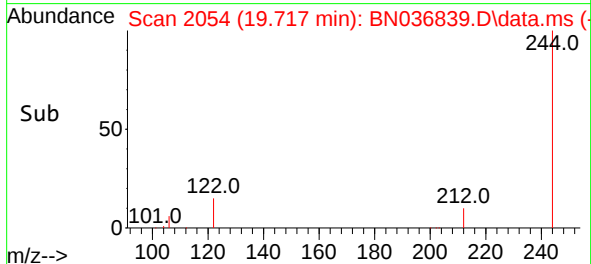
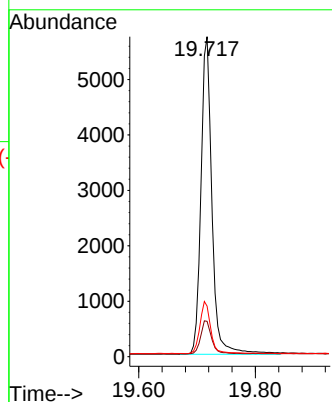
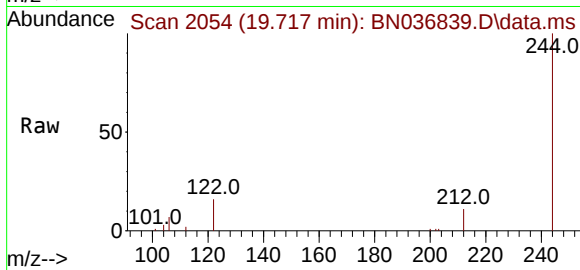




#31
 Terphenyl-d14
 Concen: 0.690 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: BN036839.D
 Acq: 04 Apr 2025 17:22

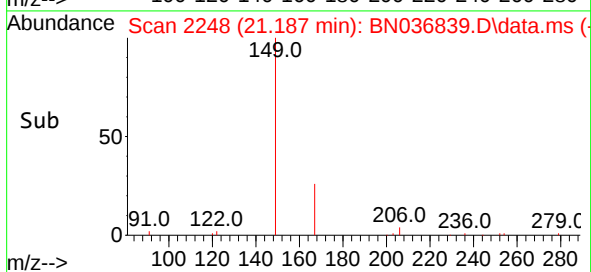
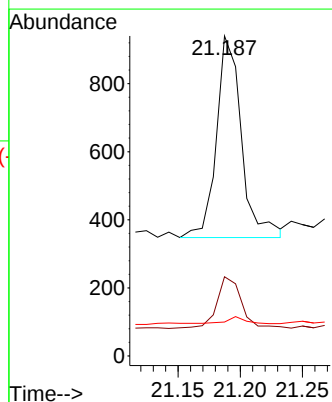
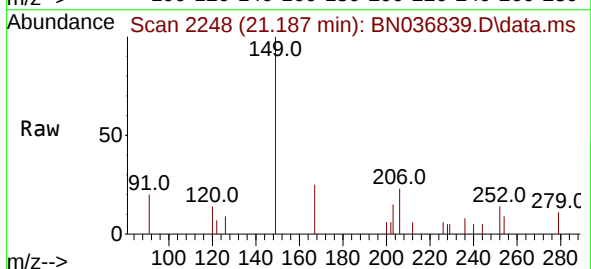
Instrument :
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 RMW-01B-82-040325

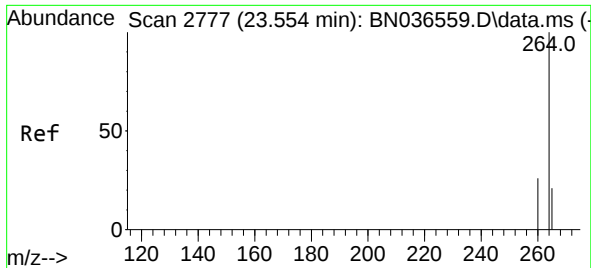
Tgt Ion:244 Resp: 7494
 Ion Ratio Lower Upper
 244 100
 212 11.1 9.6 14.4
 122 15.8 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.187 min Scan# 2248
 Delta R.T. -0.000 min
 Lab File: BN036839.D
 Acq: 04 Apr 2025 17:22

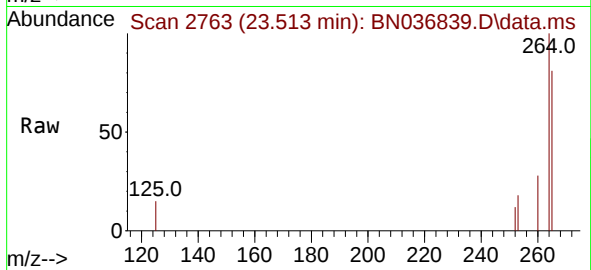
Tgt Ion:149 Resp: 831
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.7 31.1
 279 2.4 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN036839.D
Acq: 04 Apr 2025 17:22

Instrument :
BNA_N
ClientSampleId :
RMW-01B-82-040325



Tgt Ion:264 Resp: 4219
Ion Ratio Lower Upper
264 100
260 28.0 22.6 33.8
265 81.3 88.1 132.1#

