

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036618.D
 Acq On : 14 Mar 2025 22:19
 Operator : RC/JU
 Sample : Q1559-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20250312

Quant Time: Mar 14 23:33:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

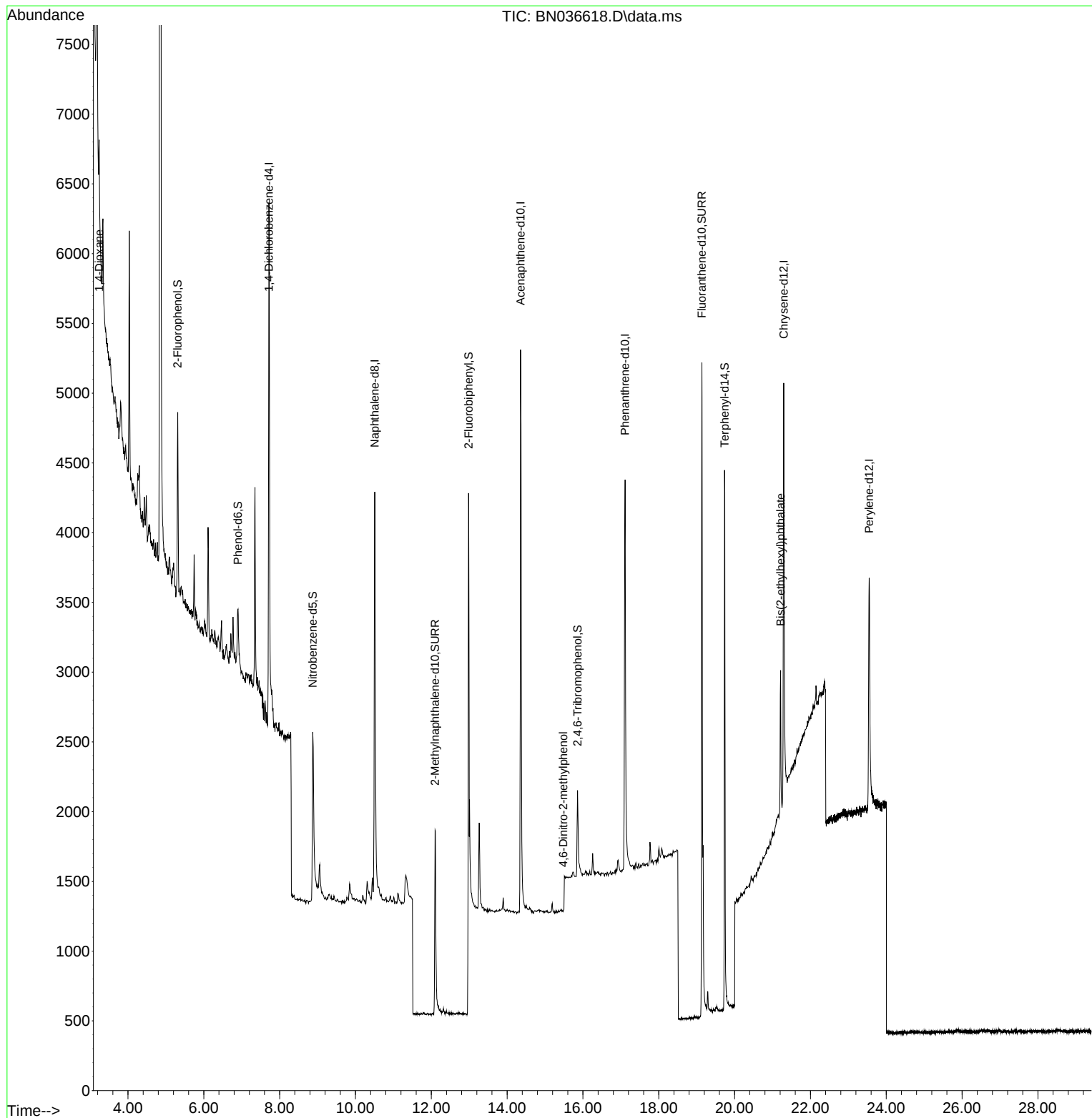
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2063	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4657	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	2820	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	5224	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3585	0.400	ng	0.00
35) Perylene-d12	23.549	264	2911	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	901	0.187	ng	0.00
5) Phenol-d6	6.901	99	584	0.098	ng	0.00
8) Nitrobenzene-d5	8.875	82	1594	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2436	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	455	0.356	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5779	0.352	ng	0.00
27) Fluoranthene-d10	19.137	212	5913	0.442	ng	0.00
31) Terphenyl-d14	19.740	244	4017	0.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	284	0.124	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.478	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	1049	0.118	ng	# 97

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

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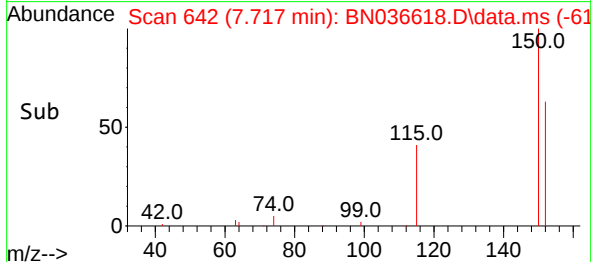
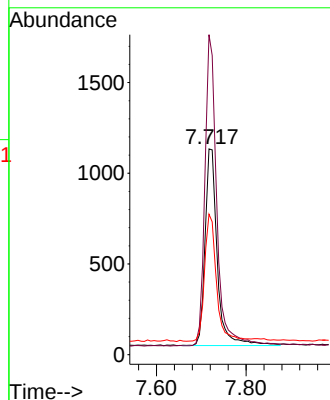
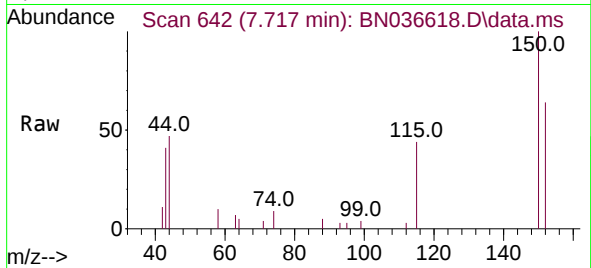




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

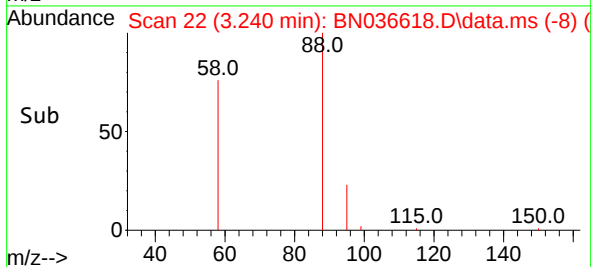
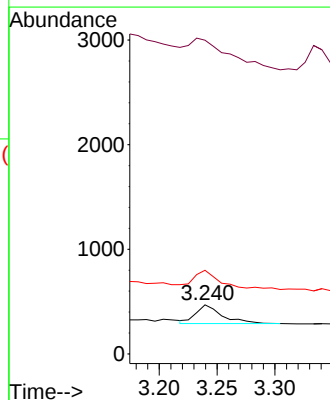
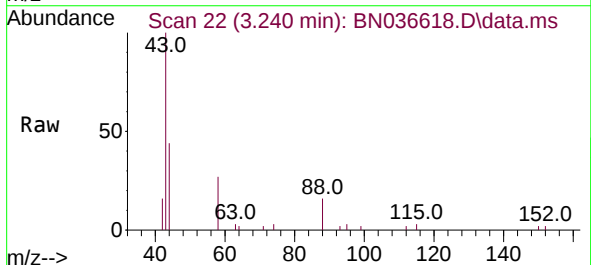
Instrument :
BNA_N
ClientSampleId :
DUP05-20250312

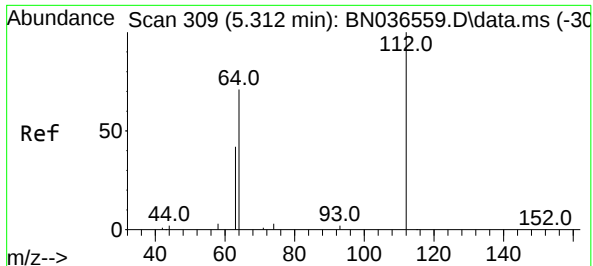
Tgt Ion:152 Resp: 2063
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 68.3 54.3 81.5



#2
1,4-Dioxane
Concen: 0.124 ng
RT: 3.240 min Scan# 22
Delta R.T. 0.001 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

Tgt Ion: 88 Resp: 284
Ion Ratio Lower Upper
88 100
43 258.1 37.8 56.8#
58 106.7 67.4 101.2#

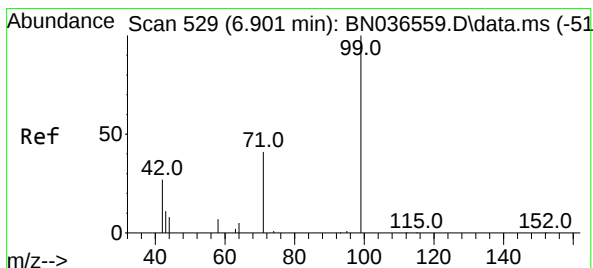
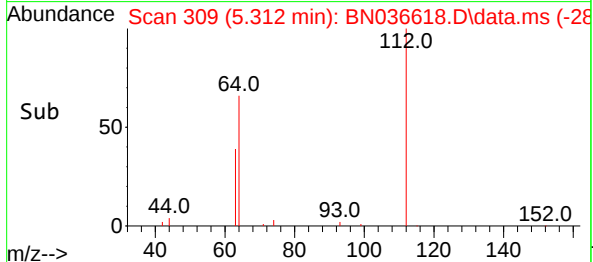
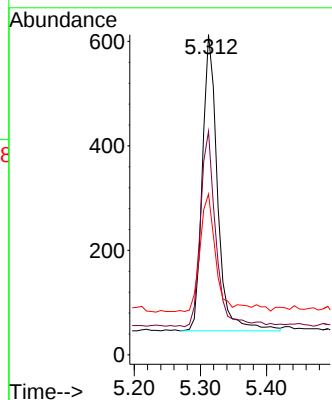
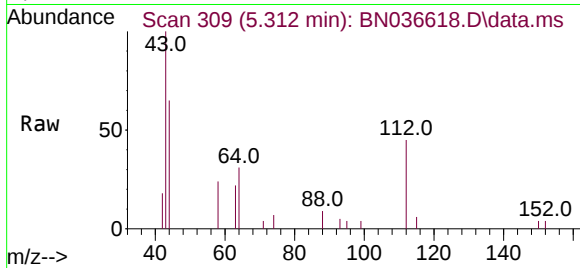




#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

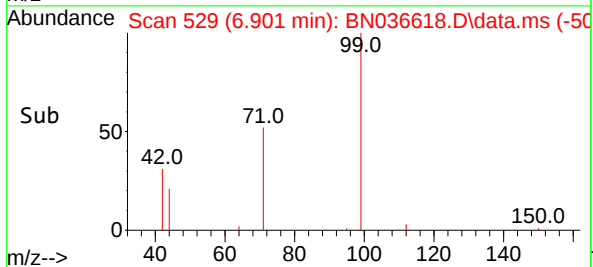
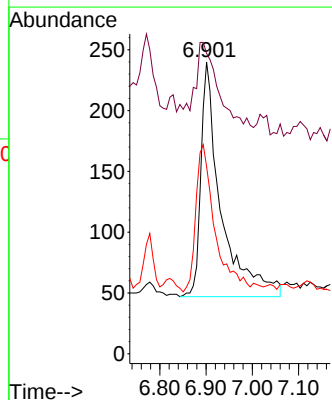
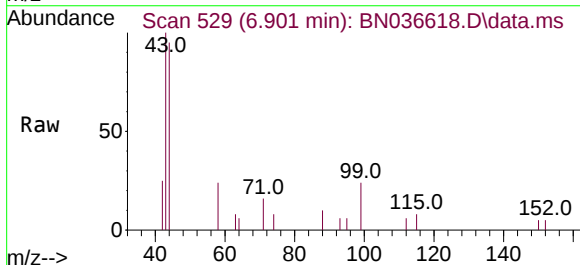
Instrument :
BNA_N
ClientSampleId :
DUP05-20250312

Tgt Ion:112 Resp: 901
Ion Ratio Lower Upper
112 100
64 67.0 53.1 79.7
63 41.6 31.8 47.8



#5
Phenol-d6
Concen: 0.098 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

Tgt Ion: 99 Resp: 584
Ion Ratio Lower Upper
99 100
42 39.7 26.5 39.7#
71 59.6 34.1 51.1#

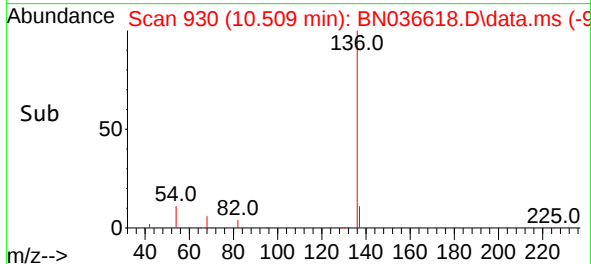
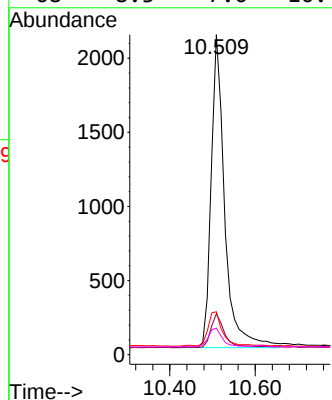
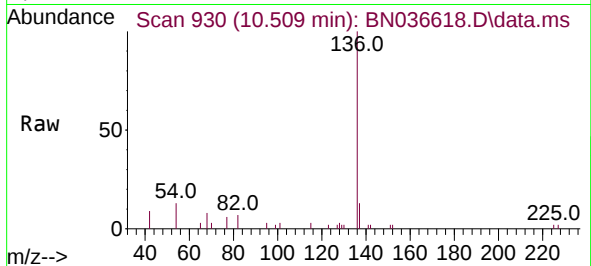




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

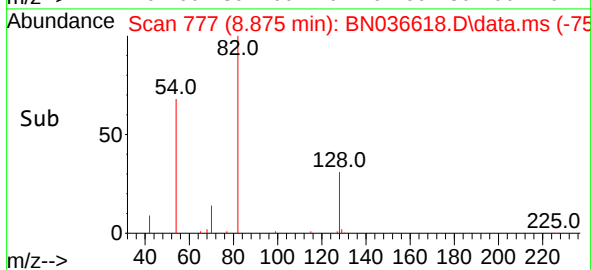
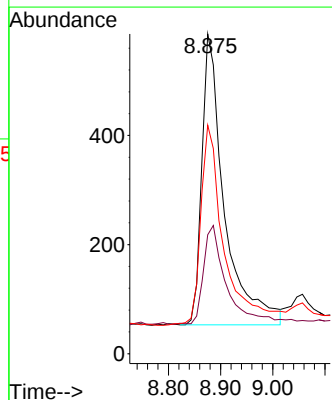
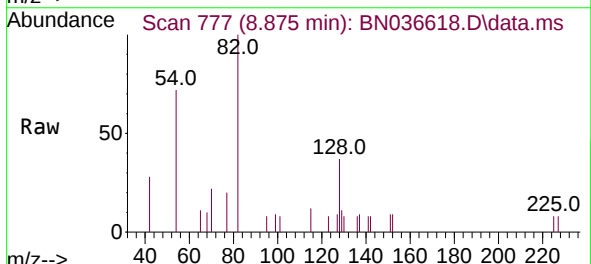
Instrument :
BNA_N
ClientSampleId :
DUP05-20250312

Tgt Ion:	136	Resp:	4657
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.3	15.5
54	13.4	11.5	17.3
68	8.3	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

Tgt Ion:	82	Resp:	1594
Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.6	45.8
54	71.5	52.2	78.4

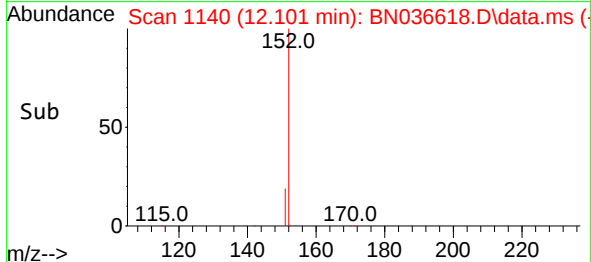
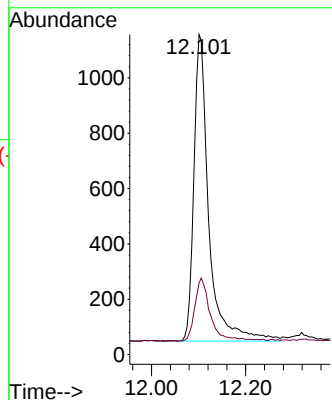
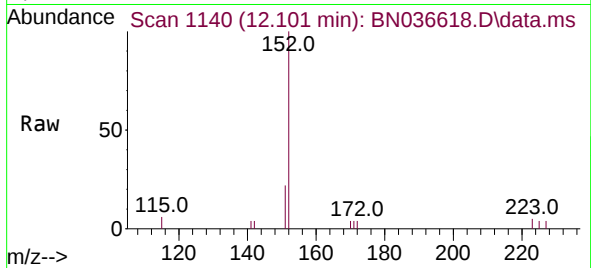




#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.010 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

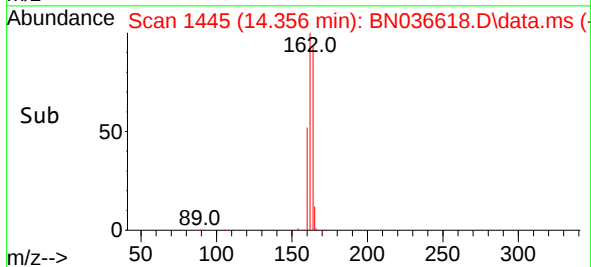
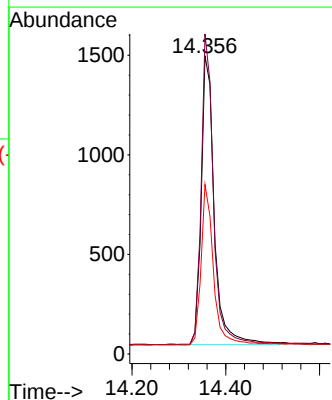
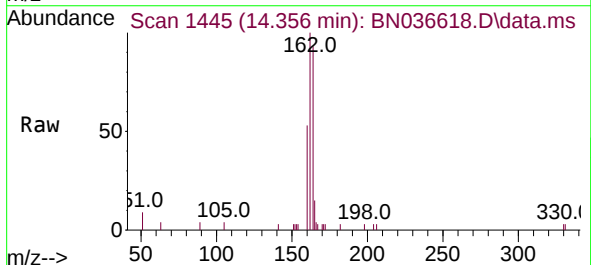
Instrument :
BNA_N
ClientSampleId :
DUP05-20250312

Tgt Ion:152 Resp: 2436
Ion Ratio Lower Upper
152 100
151 22.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. -0.010 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

Tgt Ion:164 Resp: 2820
Ion Ratio Lower Upper
164 100
162 107.3 84.2 126.2
160 56.8 42.2 63.2

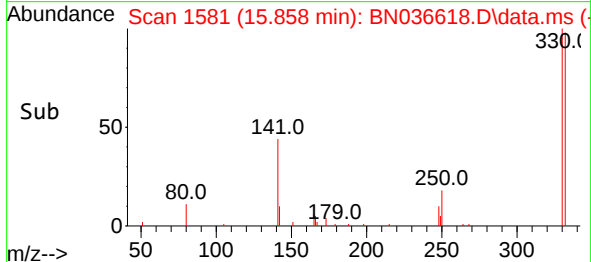
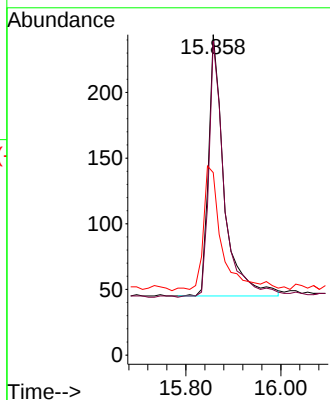
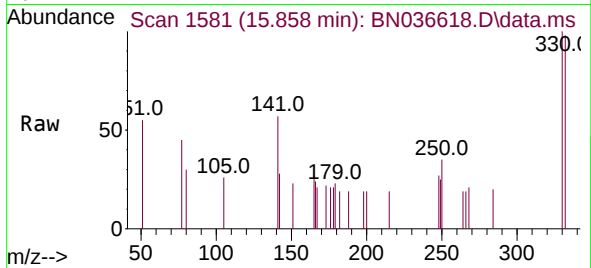




#14
 2,4,6-Tribromophenol
 Concen: 0.356 ng
 RT: 15.858 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN036618.D
 Acq: 14 Mar 2025 22:19

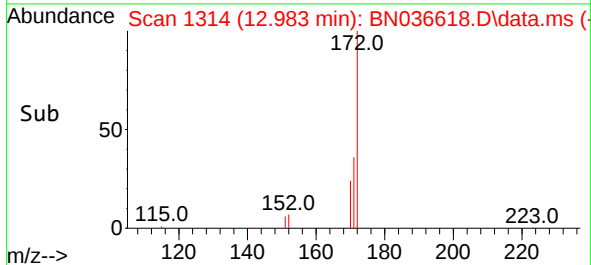
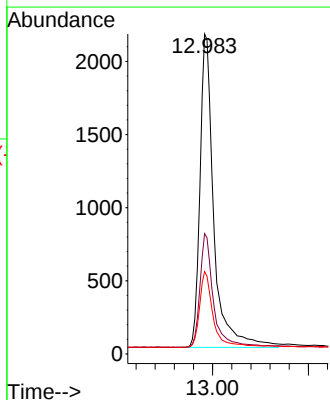
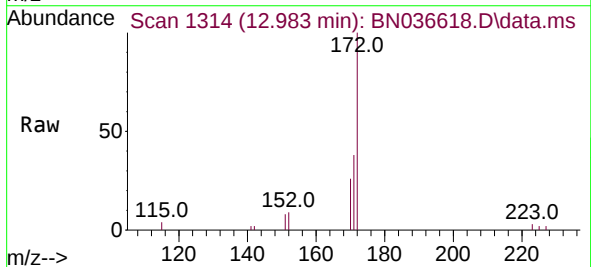
Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20250312

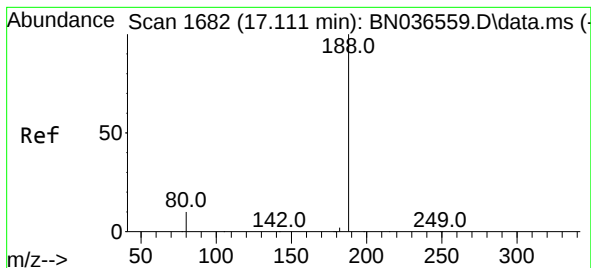
Tgt Ion: 330 Resp: 455
 Ion Ratio Lower Upper
 330 100
 332 97.8 75.2 112.8
 141 57.4 43.4 65.2



#15
 2-Fluorobiphenyl
 Concen: 0.352 ng
 RT: 12.983 min Scan# 1314
 Delta R.T. -0.005 min
 Lab File: BN036618.D
 Acq: 14 Mar 2025 22:19

Tgt Ion: 172 Resp: 5779
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.5 44.3
 170 25.7 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036618.D

Acq: 14 Mar 2025 22:19

Instrument :

BNA_N

ClientSampleId :

DUP05-20250312

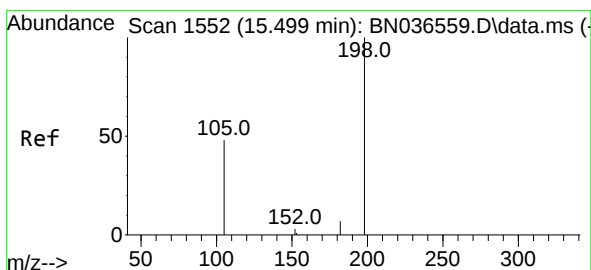
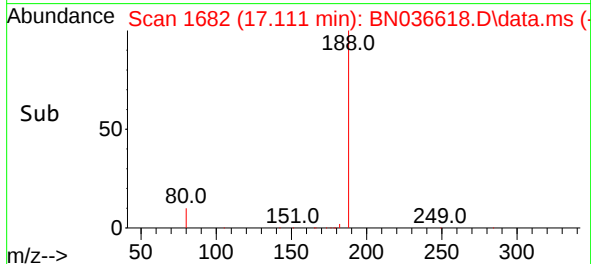
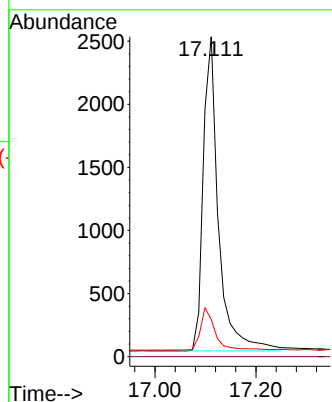
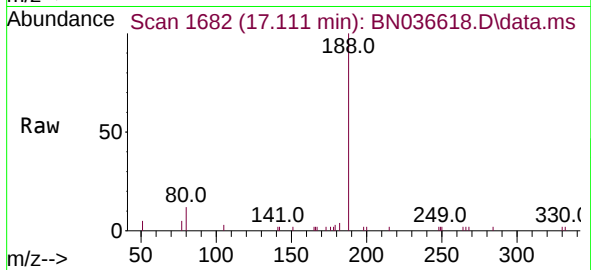
Tgt Ion:188 Resp: 5224

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.146 ng

RT: 15.478 min Scan# 1550

Delta R.T. -0.021 min

Lab File: BN036618.D

Acq: 14 Mar 2025 22:19

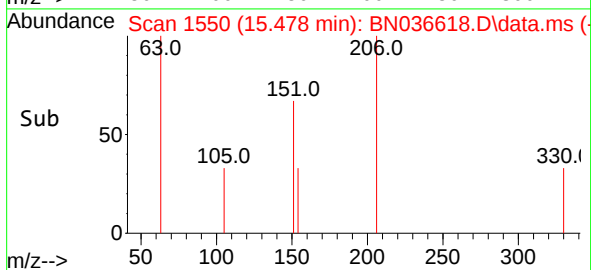
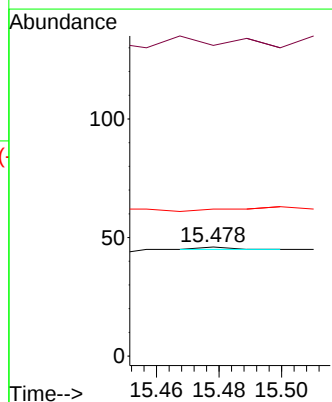
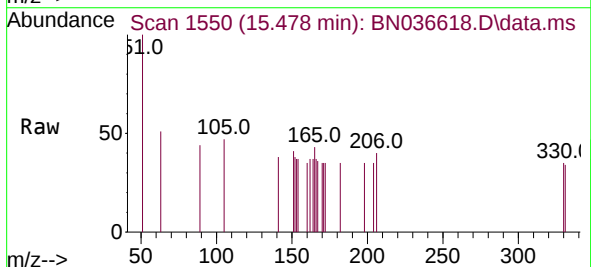
Tgt Ion:198 Resp: 1

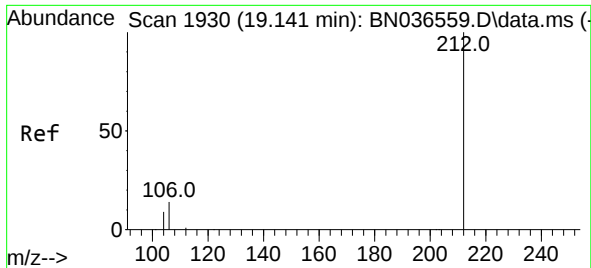
Ion Ratio Lower Upper

198 100

51 284.8 107.9 161.9#

105 134.8 56.2 84.2#

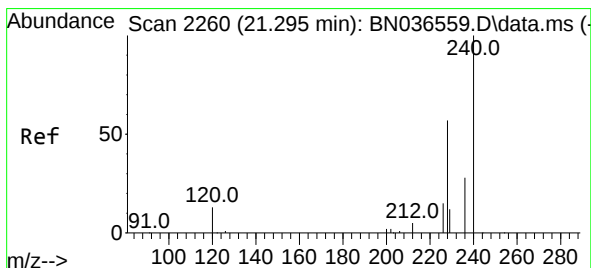
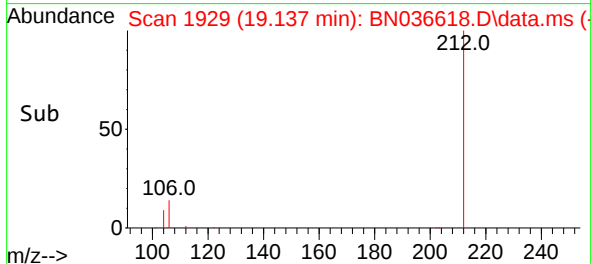
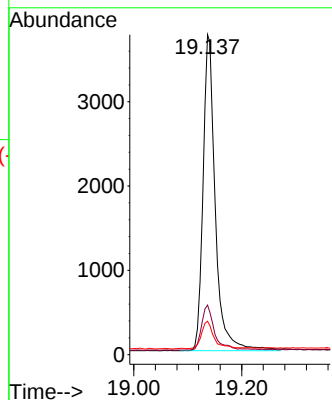
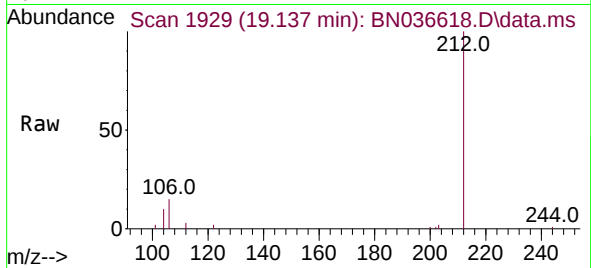




#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.137 min Scan# 1930
Delta R.T. -0.004 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

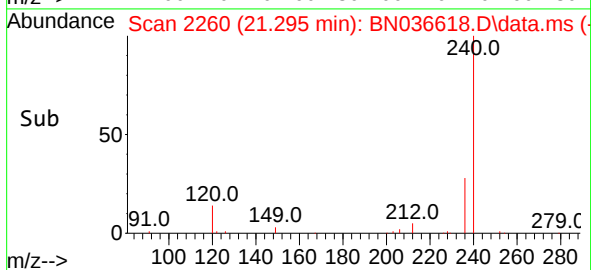
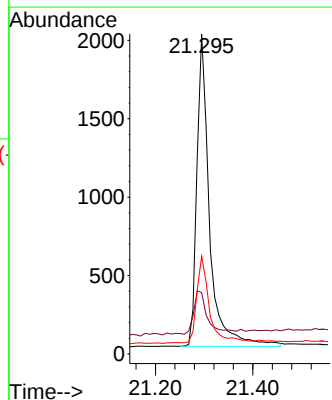
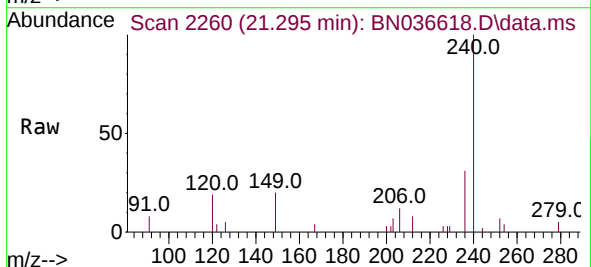
Instrument :
BNA_N
ClientSampleId :
DUP05-20250312

Tgt Ion:212 Resp: 5913
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 8.7 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

Tgt Ion:240 Resp: 3585
Ion Ratio Lower Upper
240 100
120 19.2 14.6 22.0
236 30.6 24.1 36.1

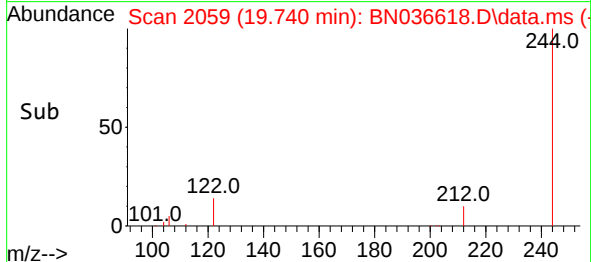
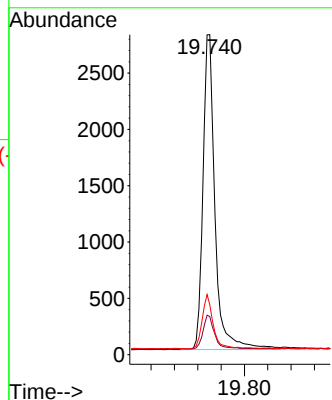
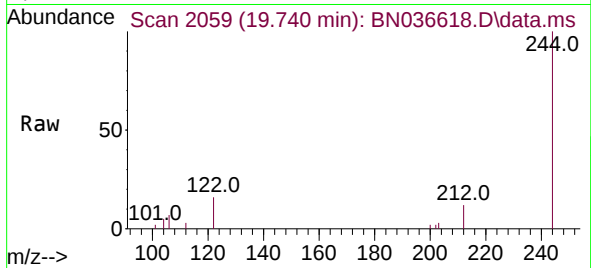




#31
 Terphenyl-d14
 Concen: 0.468 ng
 RT: 19.740 min Scan# 2060
 Delta R.T. -0.004 min
 Lab File: BN036618.D
 Acq: 14 Mar 2025 22:19

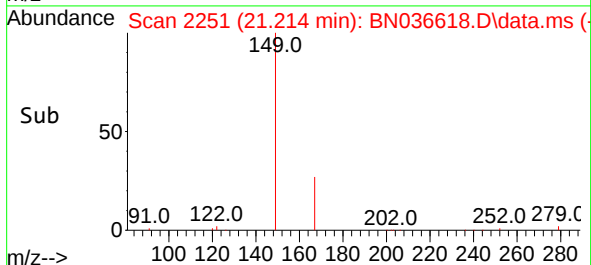
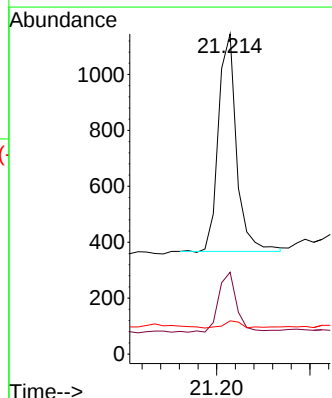
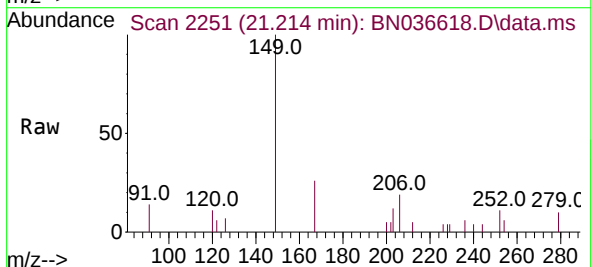
Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20250312

Tgt Ion:244 Resp: 4017
 Ion Ratio Lower Upper
 244 100
 212 11.9 9.6 14.4
 122 15.6 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.118 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036618.D
 Acq: 14 Mar 2025 22:19

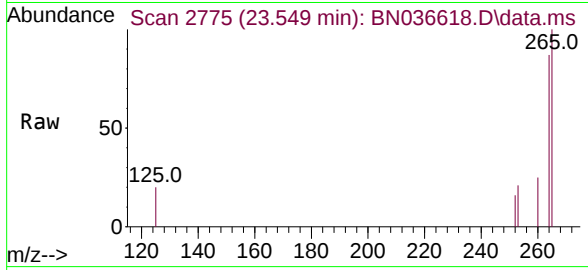
Tgt Ion:149 Resp: 1049
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.7 31.1
 279 3.3 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.549 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN036618.D
Acq: 14 Mar 2025 22:19

Instrument :
BNA_N
ClientSampleId :
DUP05-20250312



Tgt Ion:264 Resp: 2911

Ion	Ratio	Lower	Upper
264	100		
260	28.8	22.6	33.8
265	115.3	88.1	132.1

