

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036641.D
 Acq On : 15 Mar 2025 13:24
 Operator : RC/JU
 Sample : Q1559-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20250311

Quant Time: Mar 17 00:36:00 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)

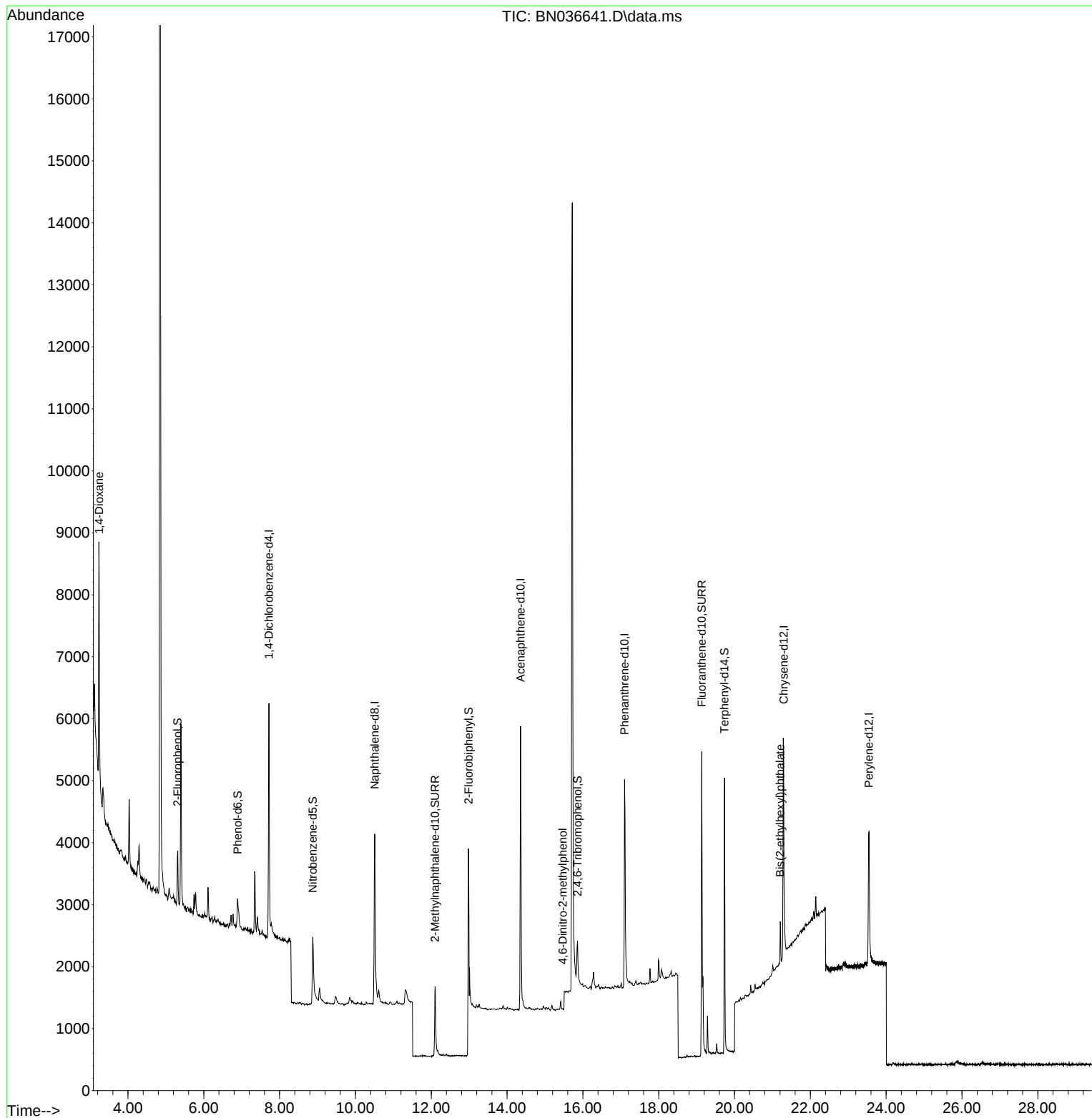
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1987	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4628	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2766	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5718	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	4201	0.400	ng	# 0.00
35) Perylene-d12	23.543	264	3441	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	649	0.140	ng	0.00
5) Phenol-d6	6.894	99	424	0.074	ng	0.00
8) Nitrobenzene-d5	8.875	82	1403	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2156	0.313	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	460	0.366	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5130	0.319	ng	0.00
27) Fluoranthene-d10	19.136	212	6003	0.410	ng	0.00
31) Terphenyl-d14	19.736	244	4455	0.443	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	2087	0.947	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.467	198	2	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	740	0.071	ng	# 96

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

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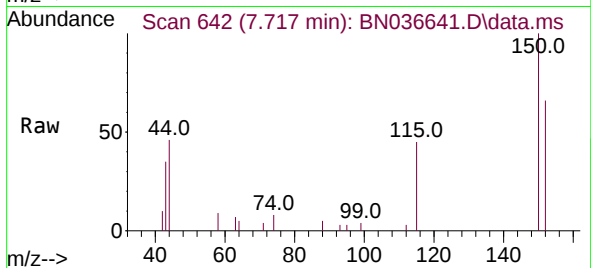
Quant Time: Mar 17 00:36:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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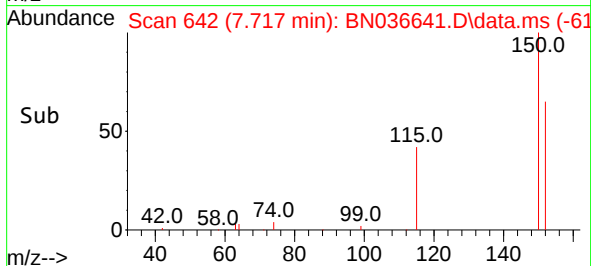
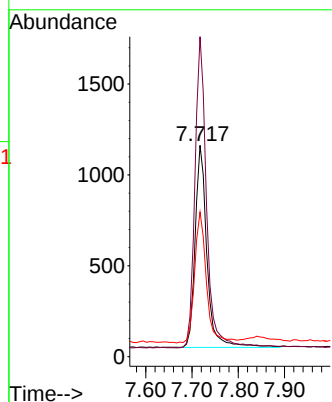


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

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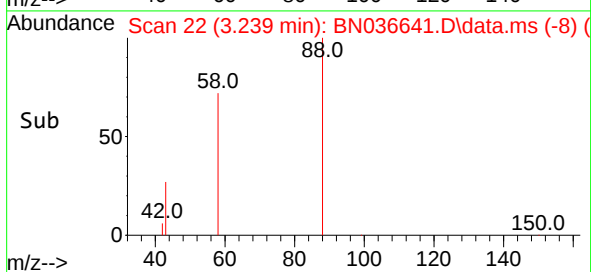
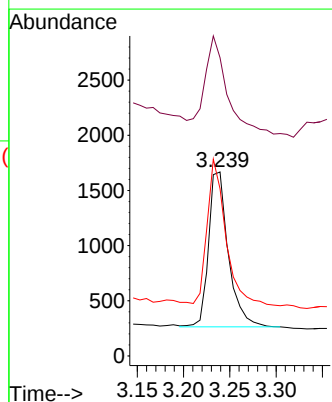
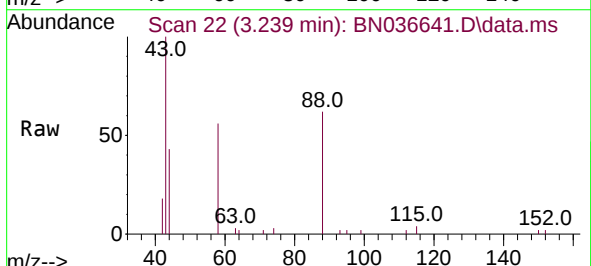


Tgt Ion:152 Resp: 1987
Ion Ratio Lower Upper
152 100
150 151.4 123.7 185.5
115 68.4 54.3 81.5



#2
1,4-Dioxane
Concen: 0.947 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

Tgt Ion: 88 Resp: 2087
Ion Ratio Lower Upper
88 100
43 72.4 37.8 56.8#
58 89.8 67.4 101.2

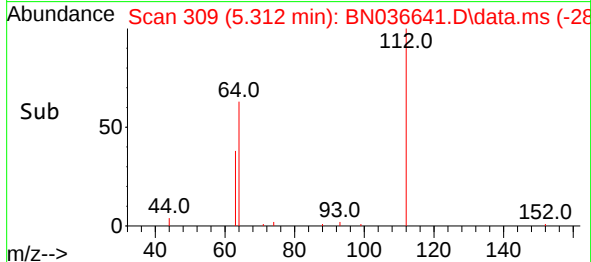
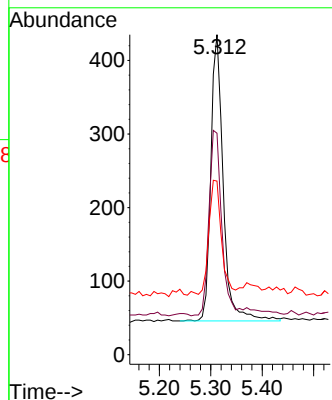
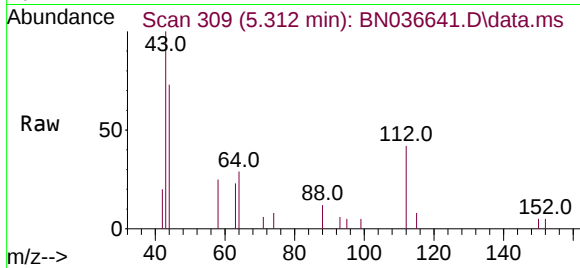




#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

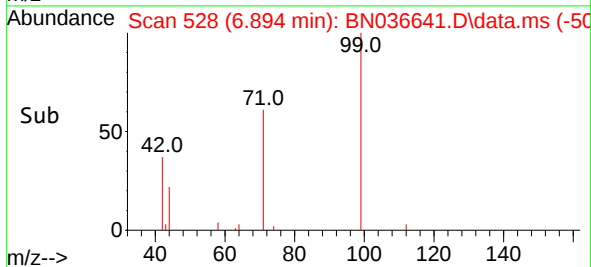
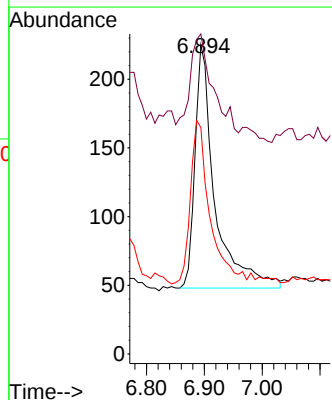
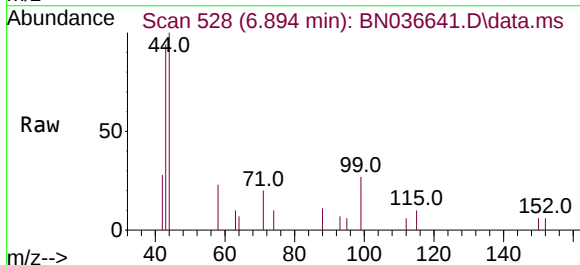
Instrument :
BNA_N
ClientSampleId :
TT158S1-20250311

Tgt Ion:112 Resp: 649
Ion Ratio Lower Upper
112 100
64 67.0 53.1 79.7
63 41.4 31.8 47.8



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

Tgt Ion: 99 Resp: 424
Ion Ratio Lower Upper
99 100
42 45.3 26.5 39.7#
71 69.1 34.1 51.1#

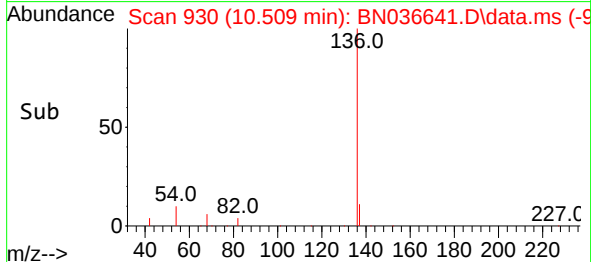
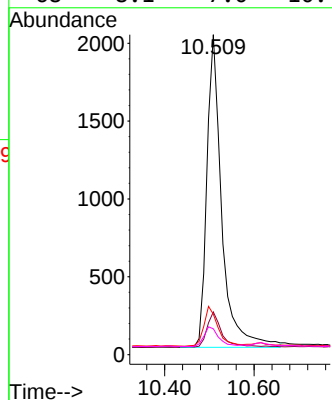
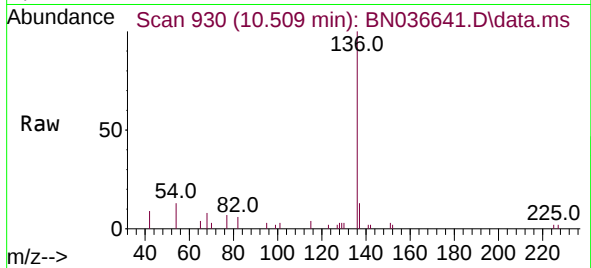




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

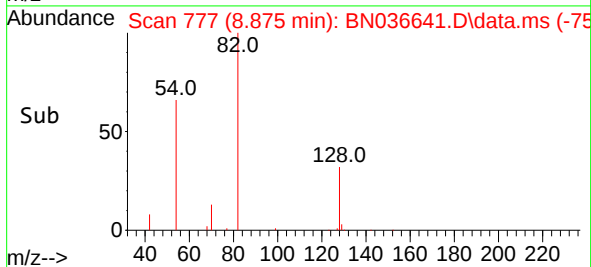
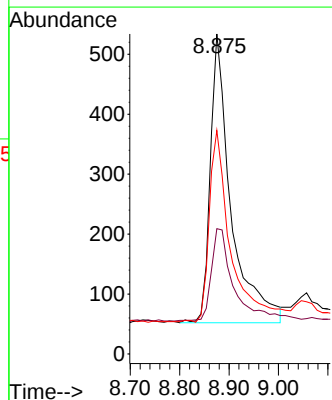
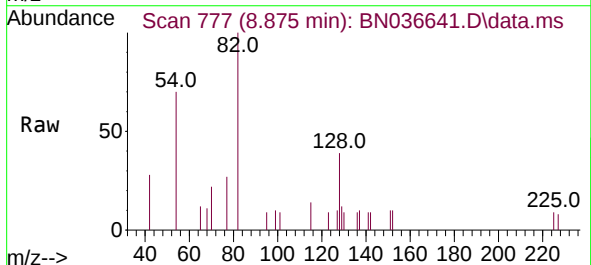
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BNA_N
ClientSampleId :
TT158S1-20250311

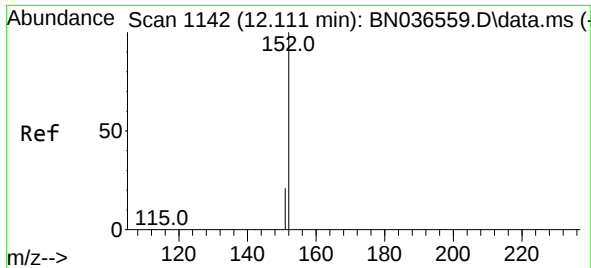
Tgt Ion:	136	Resp:	4628
Ion	Ratio	Lower	Upper
136	100		
137	13.3	10.3	15.5
54	12.7	11.5	17.3
68	8.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

Tgt Ion:	82	Resp:	1403
Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.6	45.8
54	69.9	52.2	78.4

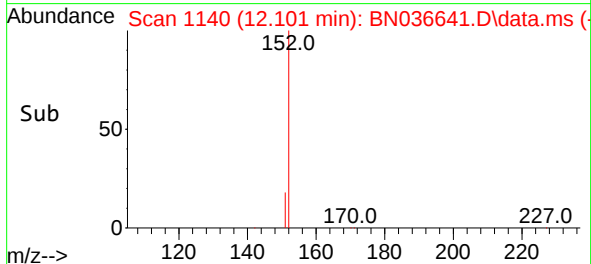
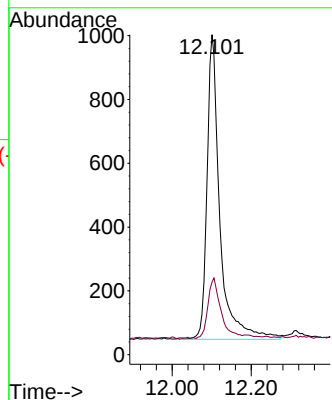
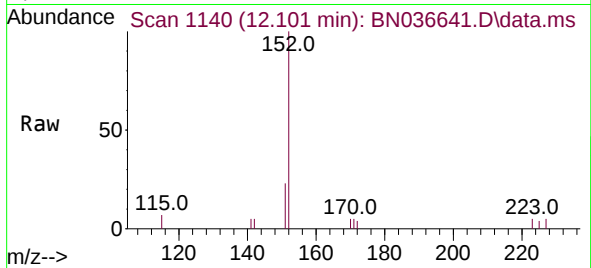




#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.101 min Scan# 1142
Delta R.T. -0.010 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

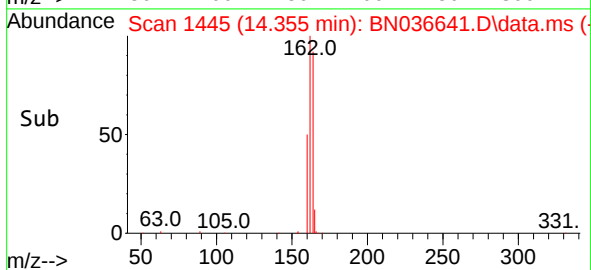
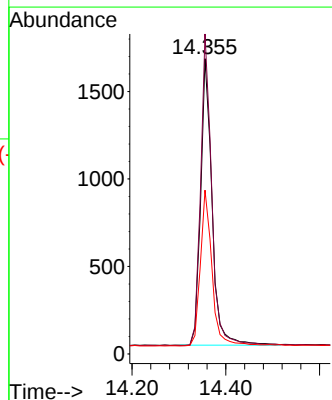
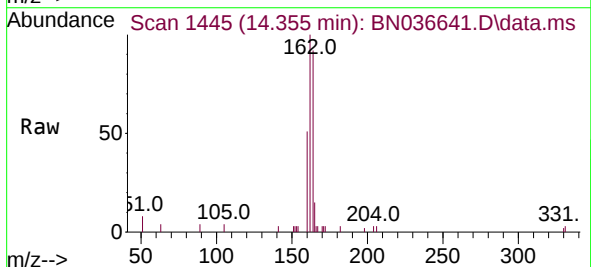
Instrument :
BNA_N
ClientSampleId :
TT158S1-20250311

Tgt Ion:152 Resp: 2156
Ion Ratio Lower Upper
152 100
151 20.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

Tgt Ion:164 Resp: 2766
Ion Ratio Lower Upper
164 100
162 108.4 84.2 126.2
160 55.5 42.2 63.2

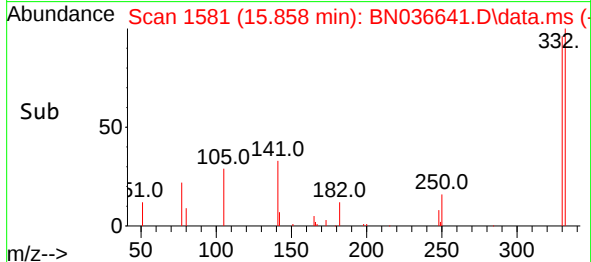
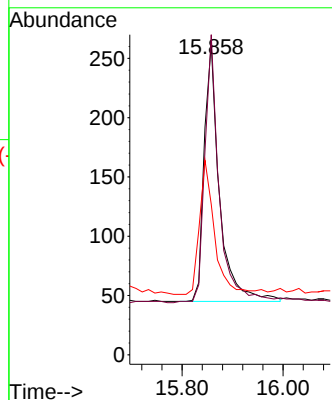
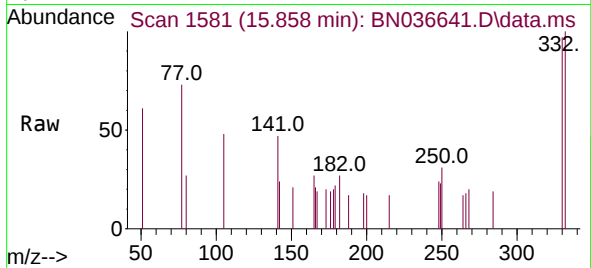




#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

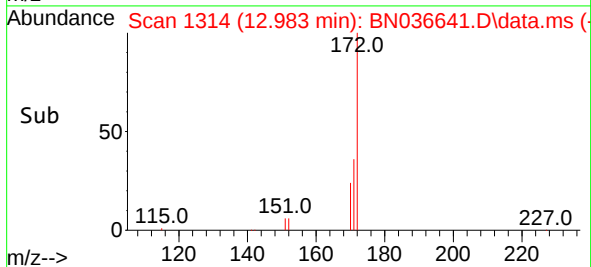
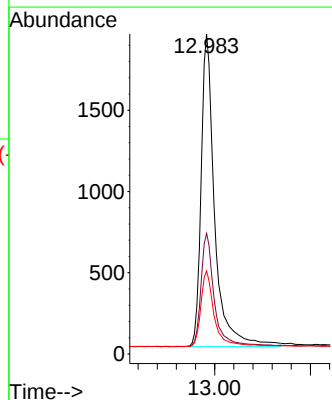
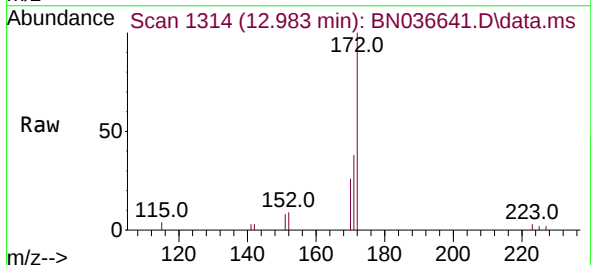
Instrument :
BNA_N
ClientSampleId :
TT158S1-20250311

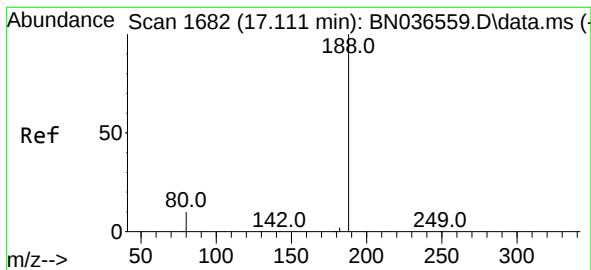
Tgt Ion:330 Resp: 460
Ion Ratio Lower Upper
330 100
332 97.4 75.2 112.8
141 50.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

Tgt Ion:172 Resp: 5130
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 25.9 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN036641.D

Acq: 15 Mar 2025 13:24

Instrument :

BNA_N

ClientSampleId :

TT158S1-20250311

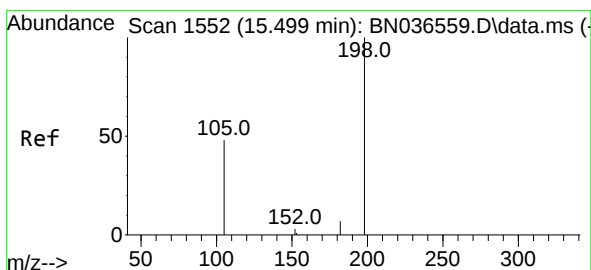
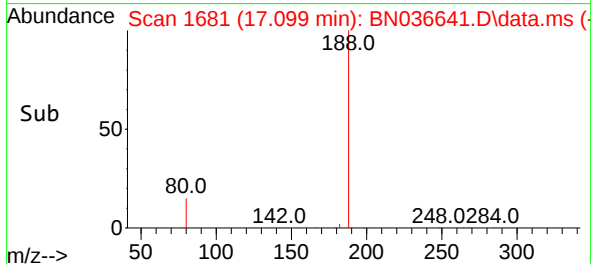
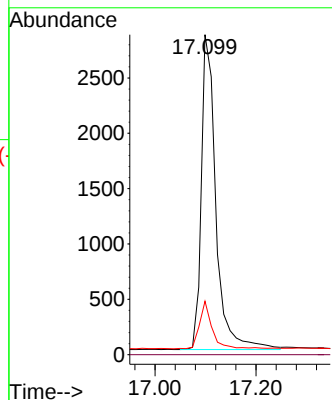
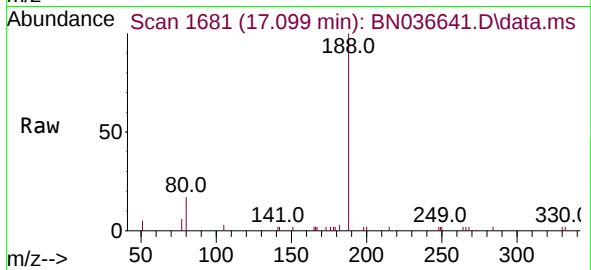
Tgt Ion:188 Resp: 5718

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.7 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.147 ng

RT: 15.467 min Scan# 1549

Delta R.T. -0.032 min

Lab File: BN036641.D

Acq: 15 Mar 2025 13:24

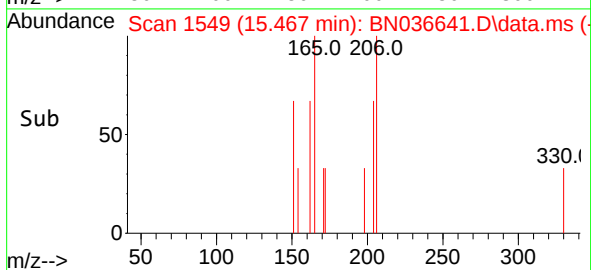
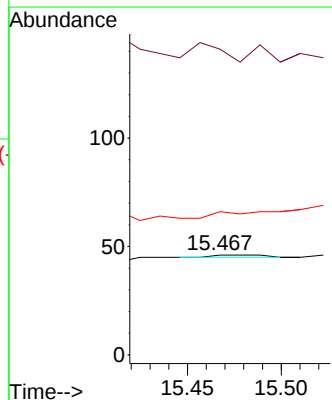
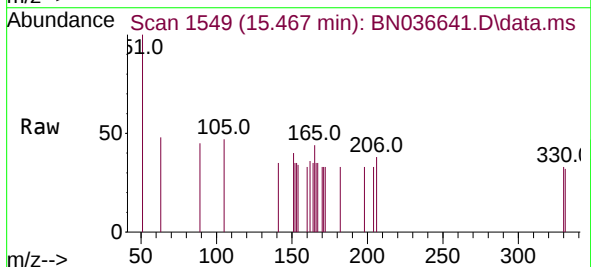
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 306.5 107.9 161.9#

105 143.5 56.2 84.2#

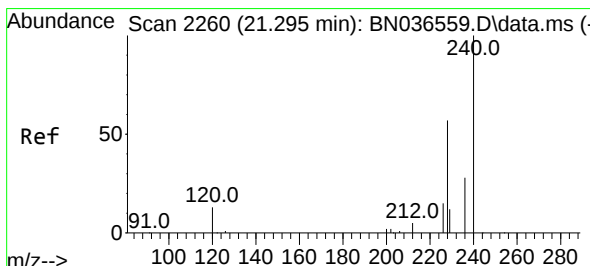
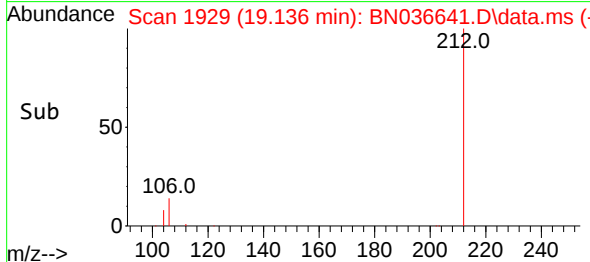
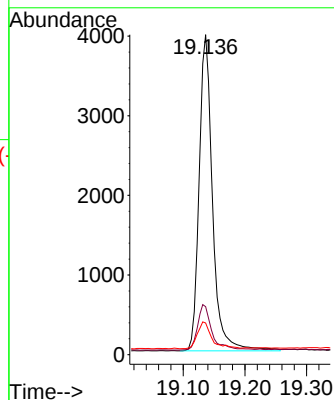
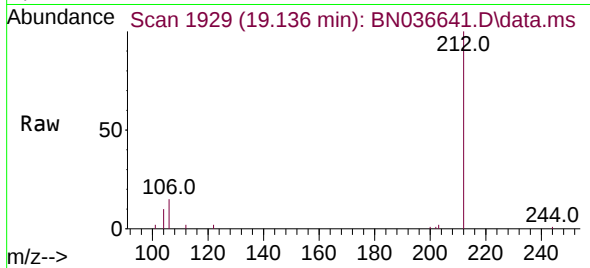




#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.136 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

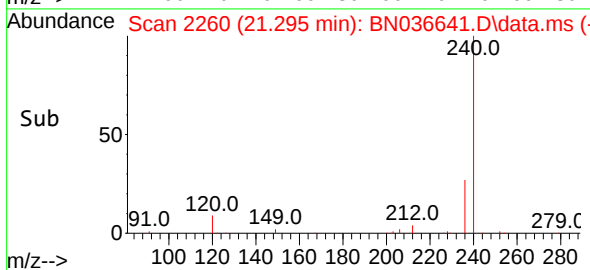
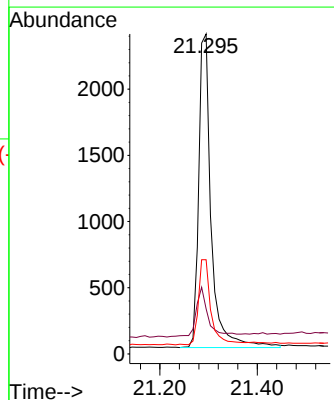
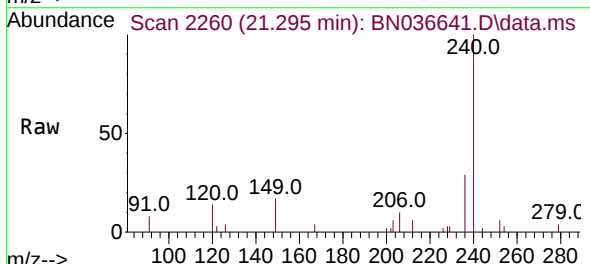
Instrument :
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Tgt Ion:212 Resp: 6003
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.6
104 9.2 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036641.D
Acq: 15 Mar 2025 13:24

Tgt Ion:240 Resp: 4201
Ion Ratio Lower Upper
240 100
120 14.1 14.6 22.0#
236 29.5 24.1 36.1

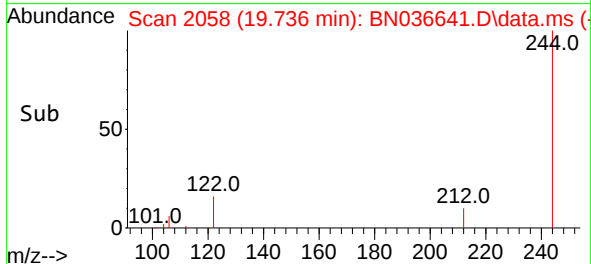
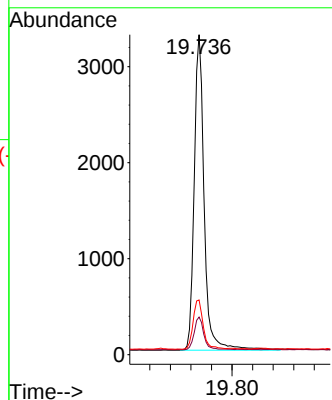
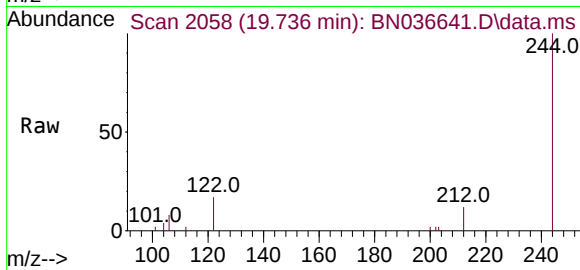




#31
 Terphenyl-d14
 Concen: 0.443 ng
 RT: 19.736 min Scan# 2060
 Delta R.T. -0.009 min
 Lab File: BN036641.D
 Acq: 15 Mar 2025 13:24

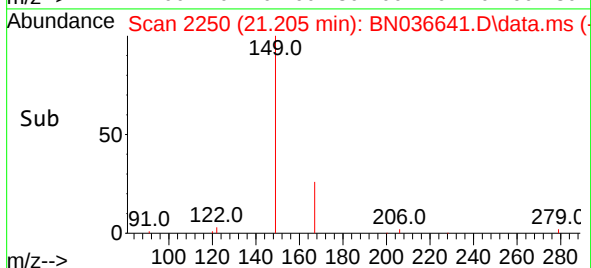
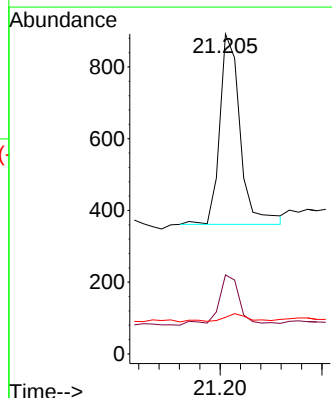
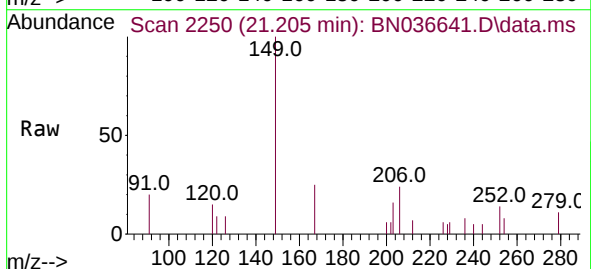
Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20250311

Tgt Ion:244 Resp: 4455
 Ion Ratio Lower Upper
 244 100
 212 11.8 9.6 14.4
 122 17.1 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.205 min Scan# 2250
 Delta R.T. -0.009 min
 Lab File: BN036641.D
 Acq: 15 Mar 2025 13:24

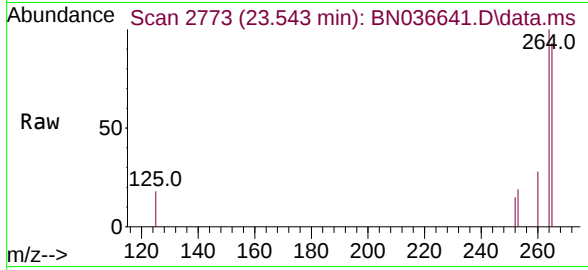
Tgt Ion:149 Resp: 740
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.7 31.1
 279 6.1 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN036641.D
 Acq: 15 Mar 2025 13:24

Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20250311



Tgt Ion:264 Resp: 3441

Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.6	33.8
265	93.1	88.1	132.1

