

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036642.D
 Acq On : 15 Mar 2025 14:00
 Operator : RC/JU
 Sample : Q1559-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20250311

Quant Time: Mar 17 00:36:12 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)

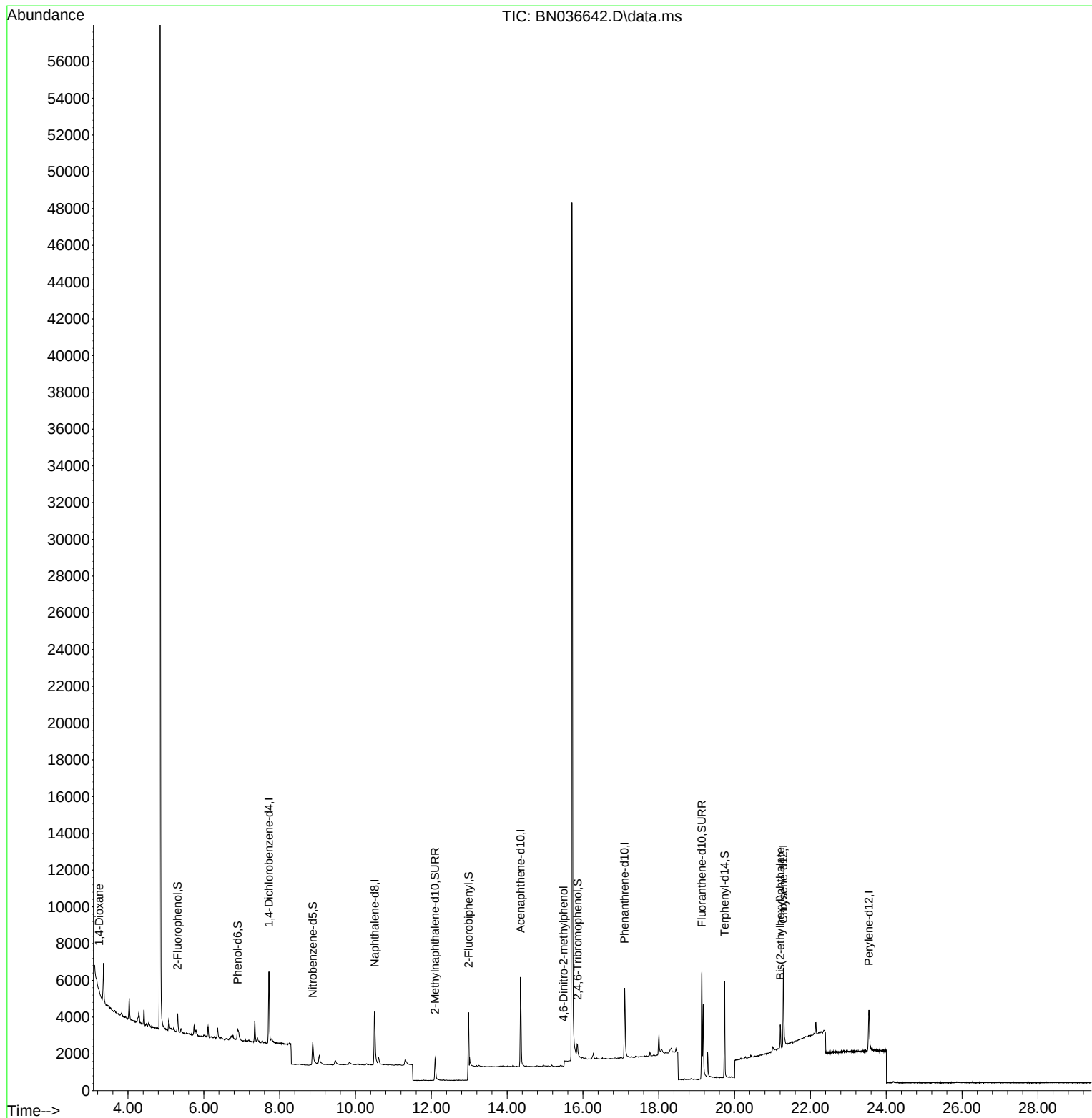
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1957	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4768	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2815	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5804	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	4480	0.400	ng	0.00
35) Perylene-d12	23.543	264	3470	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	716	0.157	ng	0.00
5) Phenol-d6	6.894	99	544	0.097	ng	0.00
8) Nitrobenzene-d5	8.875	82	1461	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2169	0.306	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	445	0.348	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5505	0.336	ng	0.00
27) Fluoranthene-d10	19.136	212	6757	0.454	ng	0.00
31) Terphenyl-d14	19.736	244	5004	0.466	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	89	0.041	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.489	198	4	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	1299	0.117	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036642.D
Acq On : 15 Mar 2025 14:00
Operator : RC/JU
Sample : Q1559-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT15811-20250311

Quant Time: Mar 17 00:36:12 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

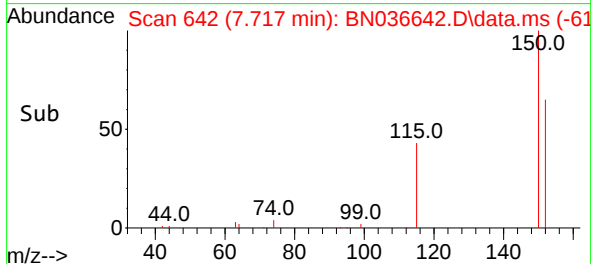
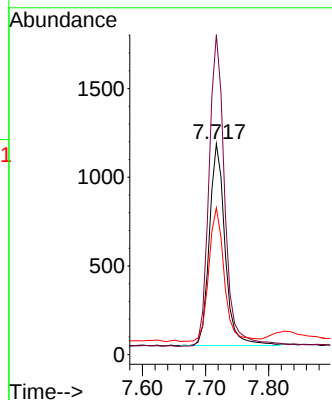
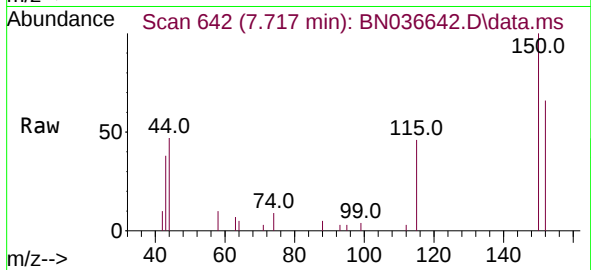




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036642.D
 Acq: 15 Mar 2025 14:00

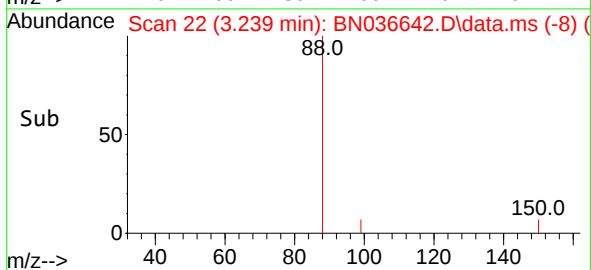
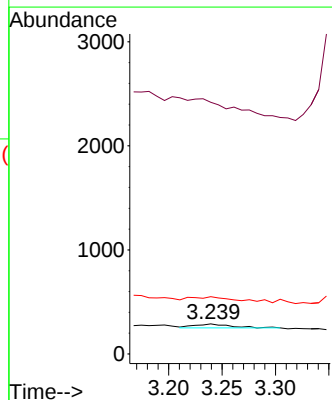
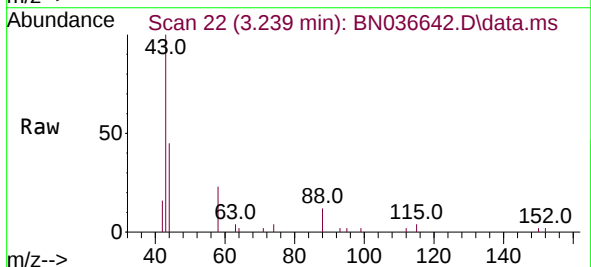
Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20250311

Tgt Ion:152 Resp: 1957
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.7 185.5
 115 69.6 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.041 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036642.D
 Acq: 15 Mar 2025 14:00

Tgt Ion: 88 Resp: 89
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.8 56.8#
 58 0.0 67.4 101.2#

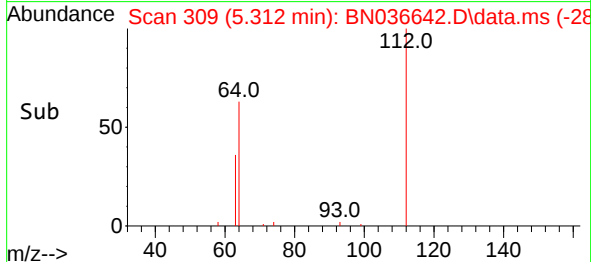
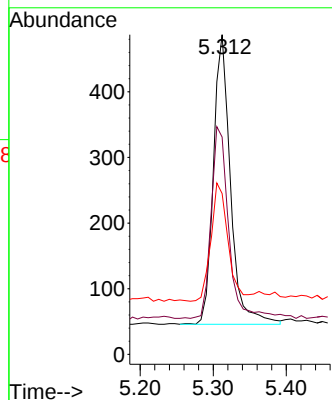
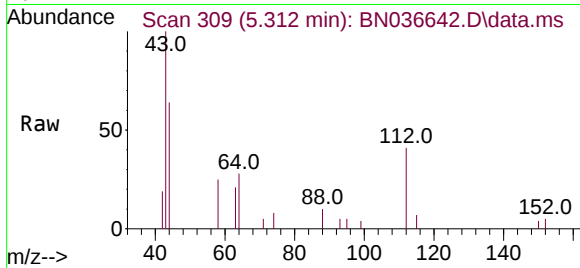




#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036642.D
Acq: 15 Mar 2025 14:00

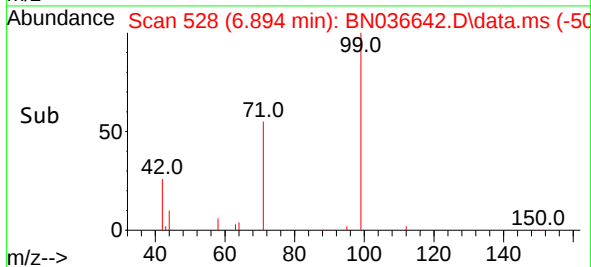
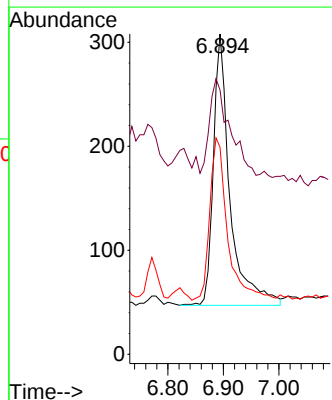
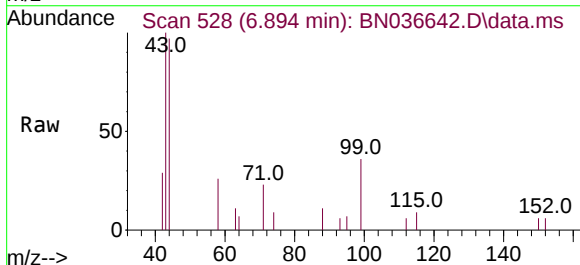
Instrument :
BNA_N
ClientSampleId :
TT15811-20250311

Tgt Ion:112 Resp: 716
Ion Ratio Lower Upper
112 100
64 68.9 53.1 79.7
63 40.9 31.8 47.8



#5
Phenol-d6
Concen: 0.097 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036642.D
Acq: 15 Mar 2025 14:00

Tgt Ion: 99 Resp: 544
Ion Ratio Lower Upper
99 100
42 41.7 26.5 39.7#
71 63.6 34.1 51.1#

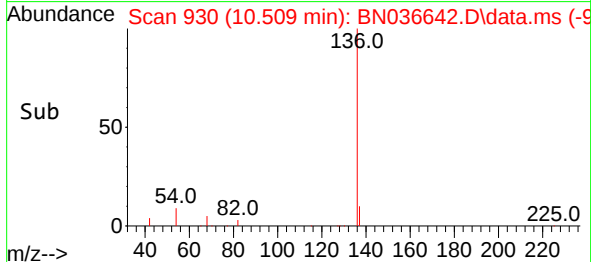
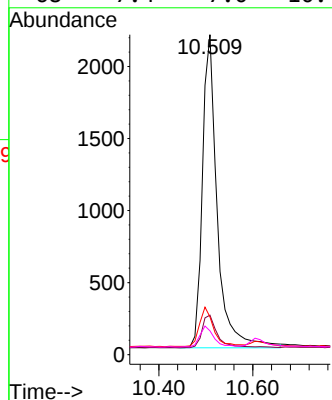
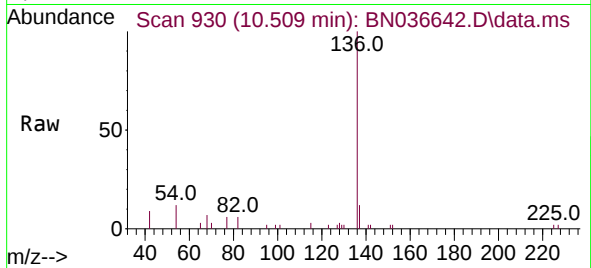




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN036642.D
Acq: 15 Mar 2025 14:00

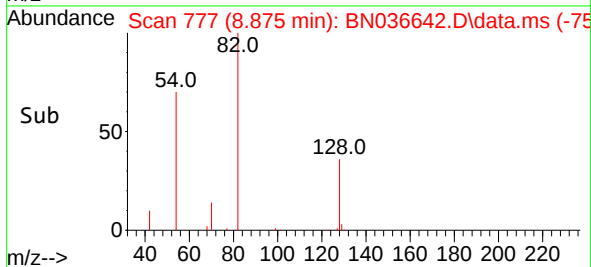
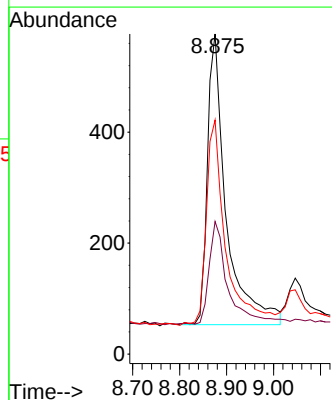
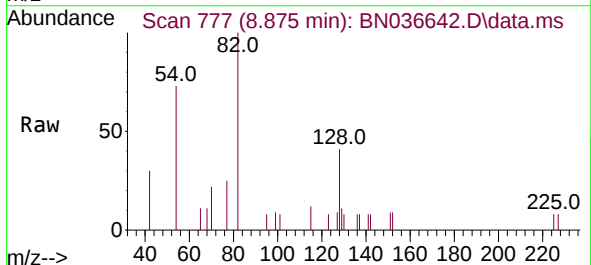
Instrument :
BNA_N
ClientSampleId :
TT15811-20250311

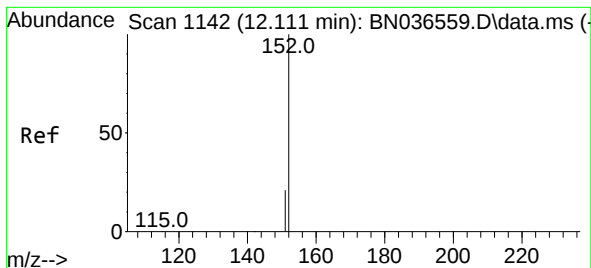
Tgt Ion:	136	Resp:	4768
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.3	15.5
54	11.8	11.5	17.3
68	7.4	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036642.D
Acq: 15 Mar 2025 14:00

Tgt Ion:	82	Resp:	1461
Ion	Ratio	Lower	Upper
82	100		
128	41.4	30.6	45.8
54	73.1	52.2	78.4

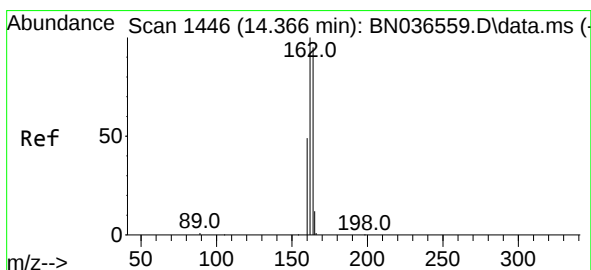
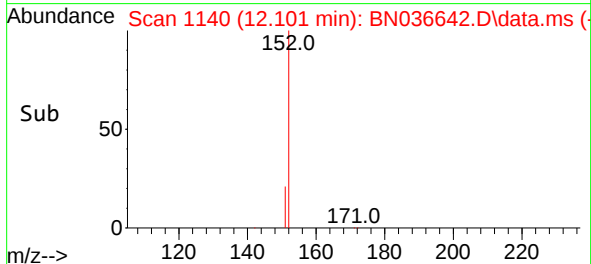
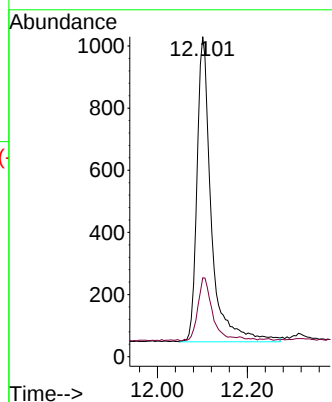
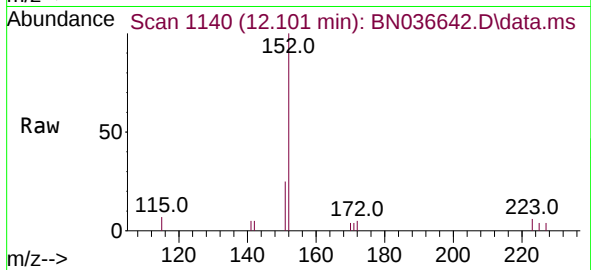




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.101 min Scan# 1142
Delta R.T. -0.010 min
Lab File: BN036642.D
Acq: 15 Mar 2025 14:00

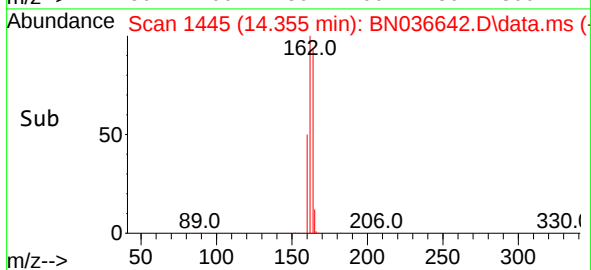
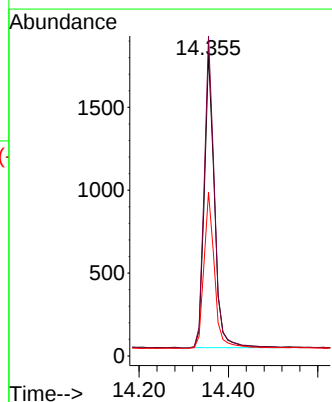
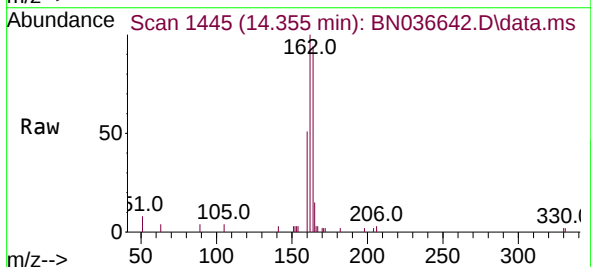
Instrument :
BNA_N
ClientSampleId :
TT15811-20250311

Tgt Ion:152 Resp: 2169
Ion Ratio Lower Upper
152 100
151 20.9 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: BN036642.D
Acq: 15 Mar 2025 14:00

Tgt Ion:164 Resp: 2815
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.2
160 54.2 42.2 63.2

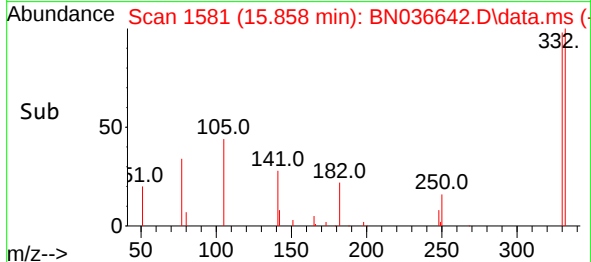
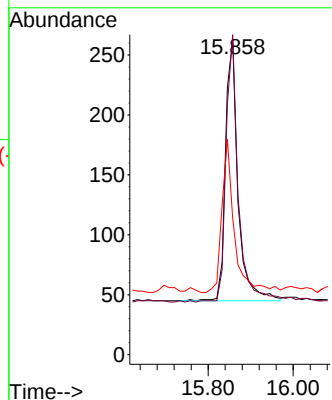
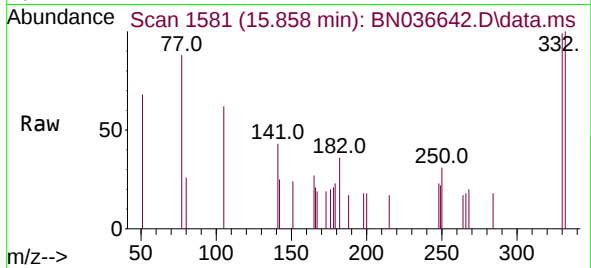




#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036642.D
Acq: 15 Mar 2025 14:00

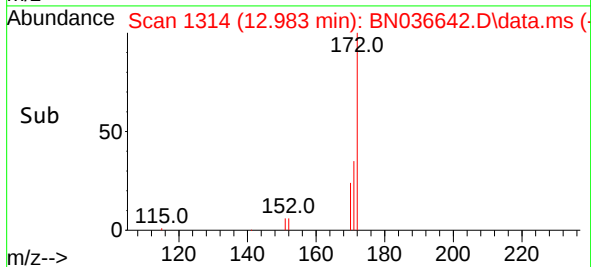
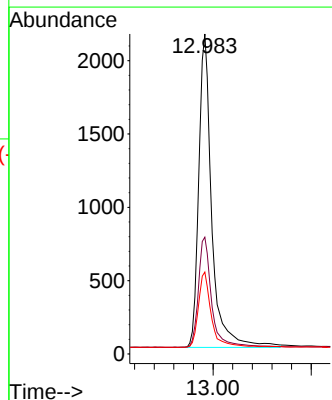
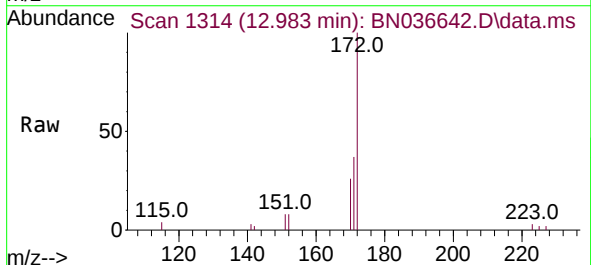
Instrument :
BNA_N
ClientSampleId :
TT15811-20250311

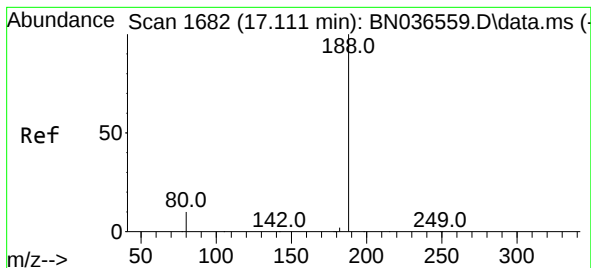
Tgt Ion:330 Resp: 445
Ion Ratio Lower Upper
330 100
332 101.3 75.2 112.8
141 58.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036642.D
Acq: 15 Mar 2025 14:00

Tgt Ion:172 Resp: 5505
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 25.6 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: BN036642.D

Acq: 15 Mar 2025 14:00

Instrument :

BNA_N

ClientSampleId :

TT15811-20250311

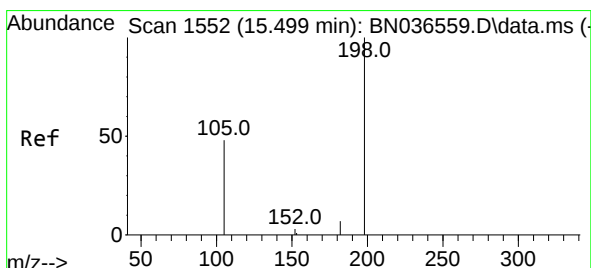
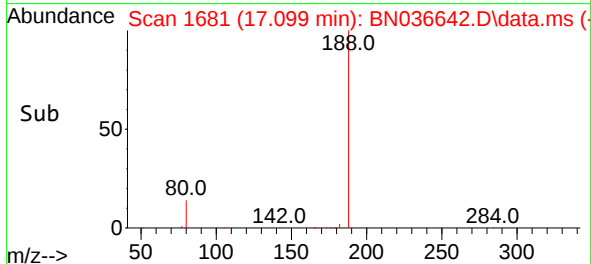
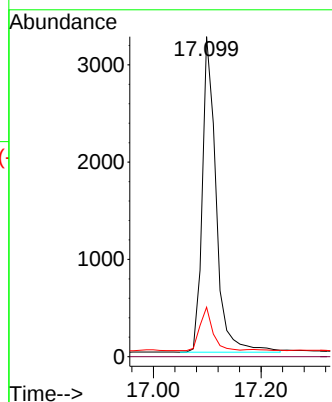
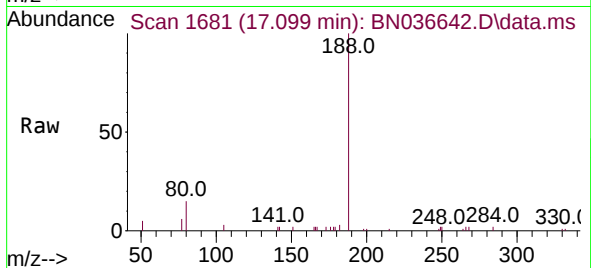
Tgt Ion:188 Resp: 5804

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.4 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.148 ng

RT: 15.489 min Scan# 1551

Delta R.T. -0.010 min

Lab File: BN036642.D

Acq: 15 Mar 2025 14:00

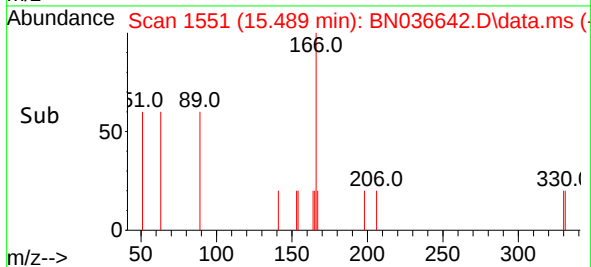
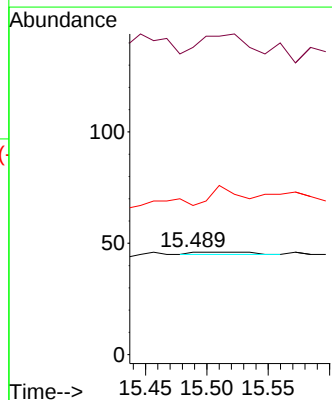
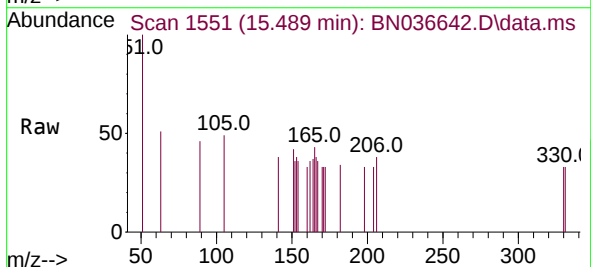
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

198 100

51 300.0 107.9 161.9#

105 145.7 56.2 84.2#

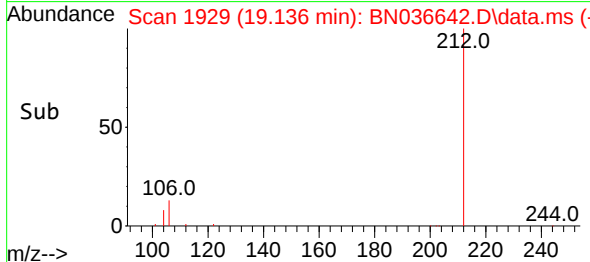
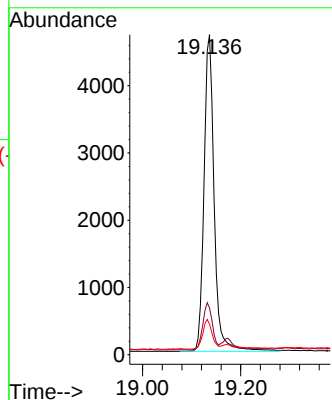
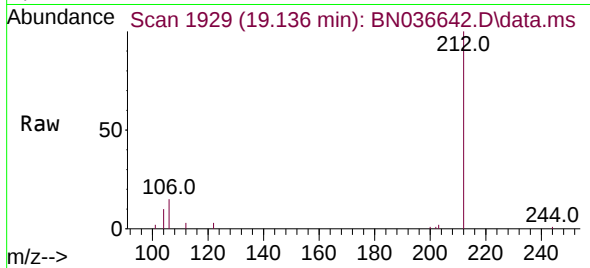




#27
Fluoranthene-d10
Concen: 0.454 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036642.D
Acq: 15 Mar 2025 14:00

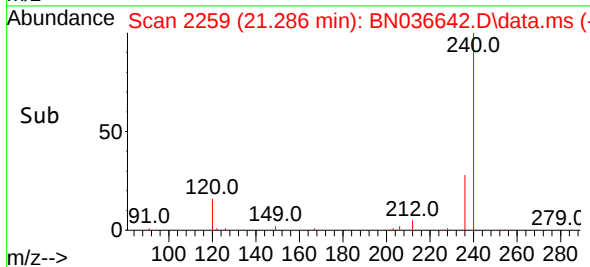
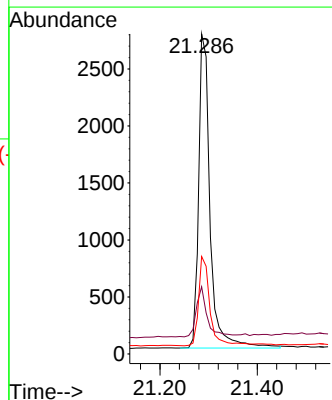
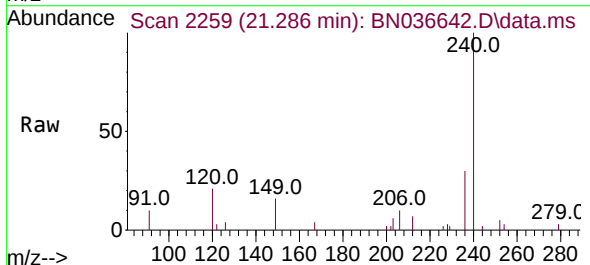
Instrument :
BNA_N
ClientSampleId :
TT15811-20250311

Tgt Ion:212 Resp: 6757
Ion Ratio Lower Upper
212 100
106 14.1 11.8 17.6
104 8.8 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.009 min
Lab File: BN036642.D
Acq: 15 Mar 2025 14:00

Tgt Ion:240 Resp: 4480
Ion Ratio Lower Upper
240 100
120 21.0 14.6 22.0
236 30.5 24.1 36.1

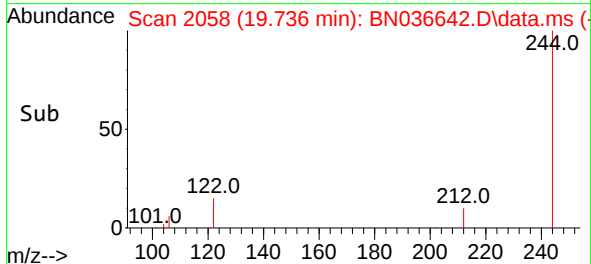
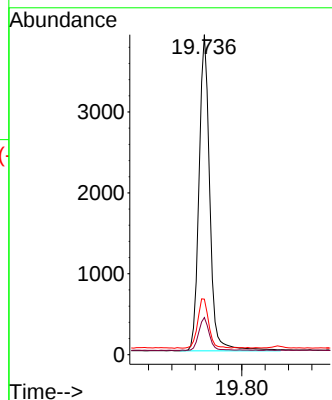
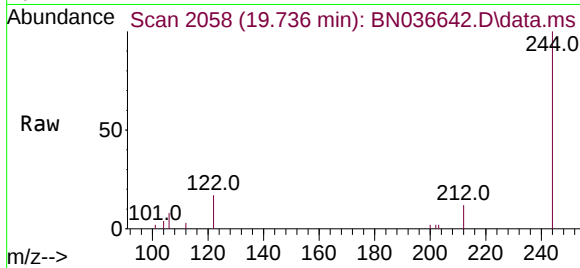




#31
 Terphenyl-d14
 Concen: 0.466 ng
 RT: 19.736 min Scan# 2060
 Delta R.T. -0.009 min
 Lab File: BN036642.D
 Acq: 15 Mar 2025 14:00

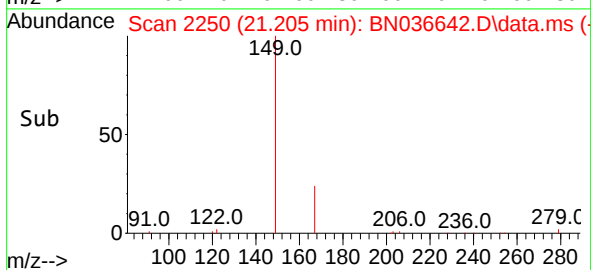
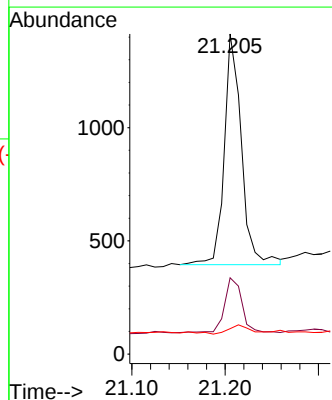
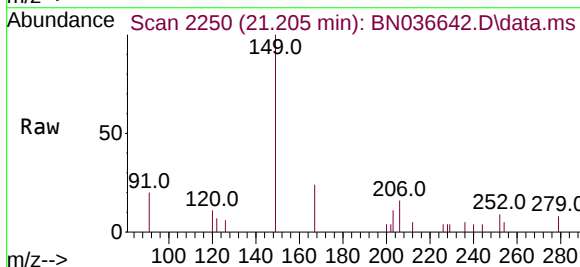
Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20250311

Tgt Ion:	244	Resp:	5004
Ion Ratio	Lower	Upper	
244	100		
212	11.6	9.6	14.4
122	17.3	13.9	20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.205 min Scan# 2250
 Delta R.T. -0.009 min
 Lab File: BN036642.D
 Acq: 15 Mar 2025 14:00

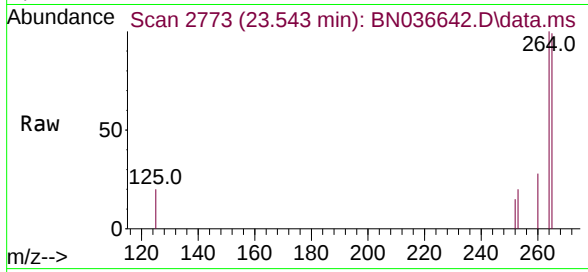
Tgt Ion:	149	Resp:	1299
Ion Ratio	Lower	Upper	
149	100		
167	23.8	20.7	31.1
279	4.9	3.6	5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN036642.D
 Acq: 15 Mar 2025 14:00

Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20250311



Tgt Ion:264 Resp: 3470

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.6	33.8
265	99.4	88.1	132.1

