

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
 Data File : BN036686.D
 Acq On : 18 Mar 2025 11:10
 Operator : RC/JU
 Sample : Q1582-07DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250313DL

Quant Time: Mar 18 11:42:31 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)

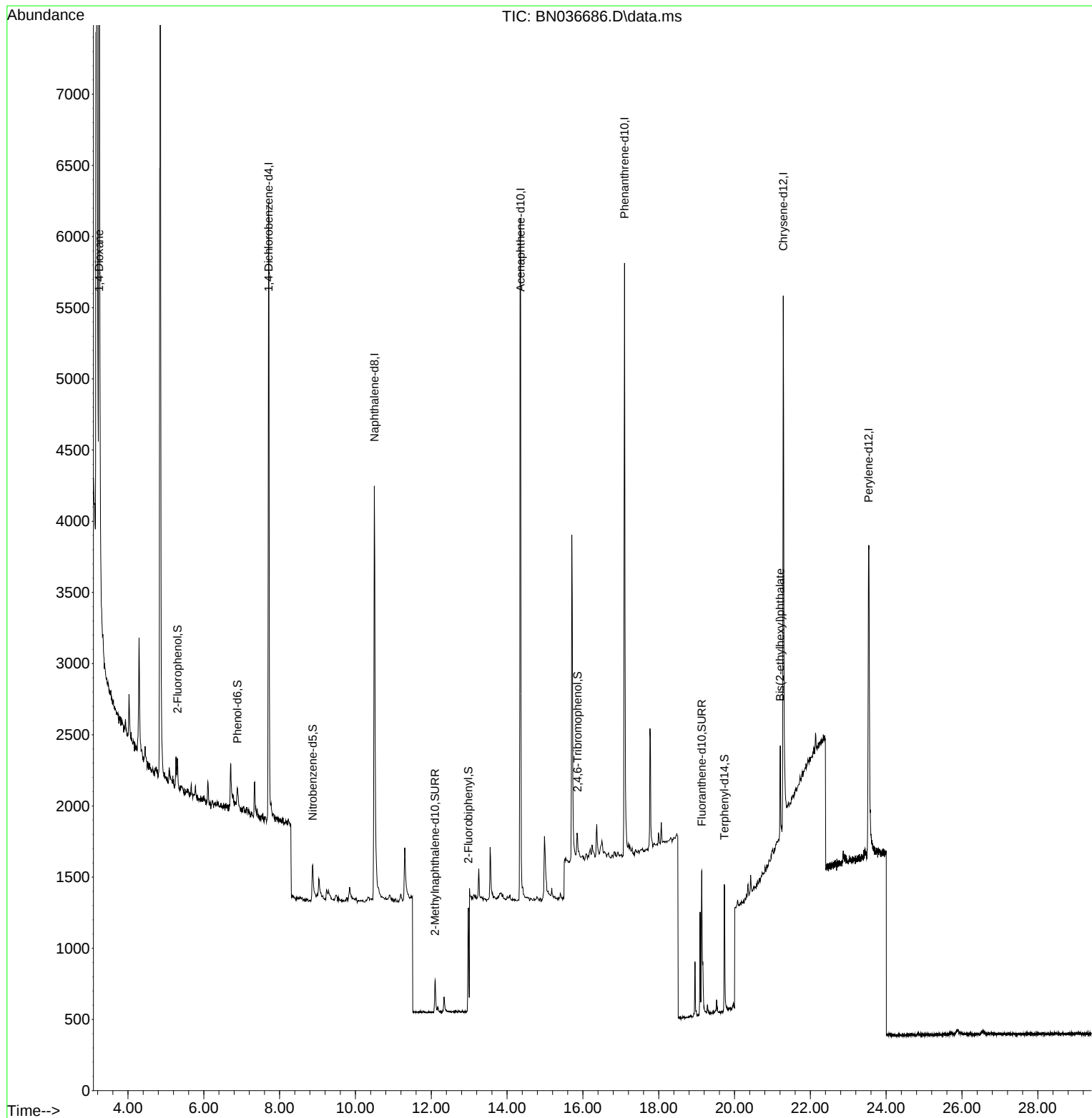
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2029	0.400	ng	-0.01
7) Naphthalene-d8	10.498	136	4853	0.400	ng	-0.01
13) Acenaphthene-d10	14.356	164	3032	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	6208	0.400	ng	-0.01
29) Chrysene-d12	21.286	240	4364	0.400	ng	0.00
35) Perylene-d12	23.537	264	3806	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	158	0.033	ng	0.00
5) Phenol-d6	6.887	99	120	0.021	ng	-0.01
8) Nitrobenzene-d5	8.875	82	331	0.063	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	394	0.055	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	115	0.084	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	1040	0.059	ng	0.00
27) Fluoranthene-d10	19.137	212	1415	0.089	ng	0.00
31) Terphenyl-d14	19.731	244	976	0.093	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	4940	2.195	ng	93
34) Bis(2-ethylhexyl)phtha...	21.205	149	709	0.066	ng	# 93

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

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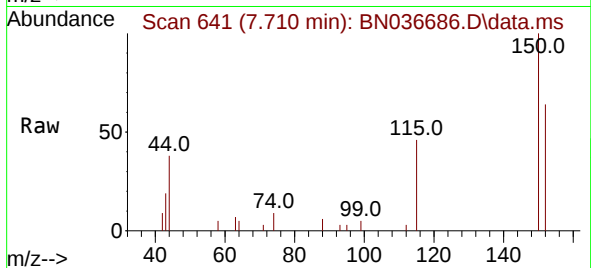
Quant Time: Mar 18 11:42:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration





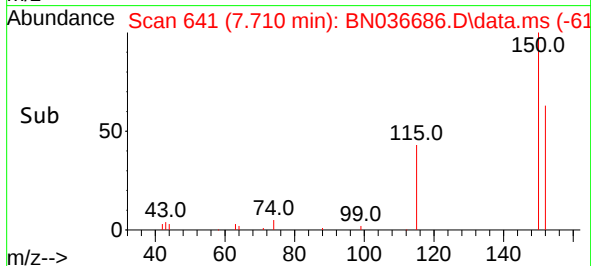
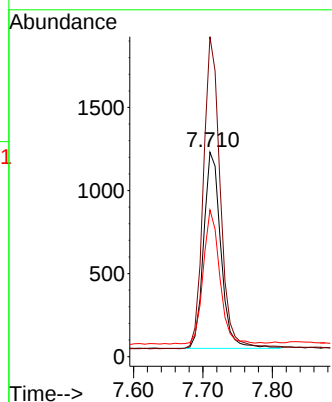
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN036686.D
 Acq: 18 Mar 2025 11:10

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250313DL



Tgt Ion:152 Resp: 2029

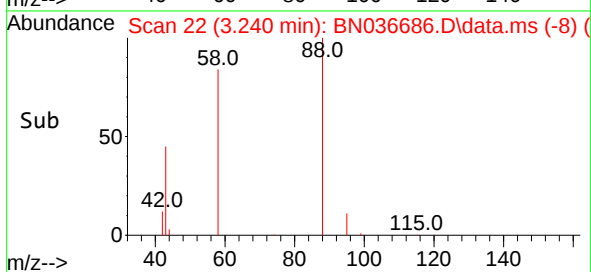
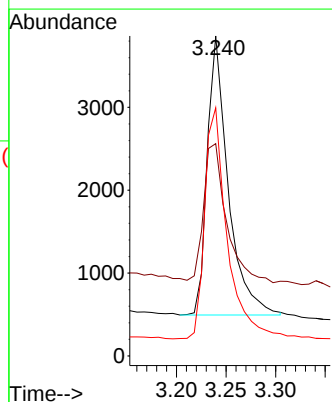
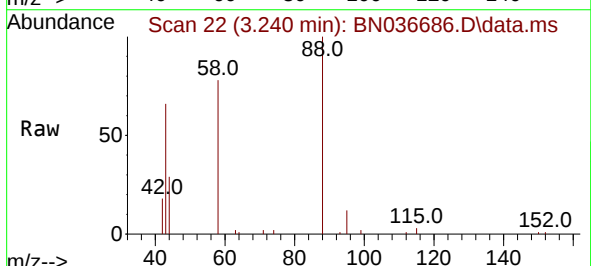
Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	71.7	54.3	81.5



#2
 1,4-Dioxane
 Concen: 2.195 ng
 RT: 3.240 min Scan# 22
 Delta R.T. 0.001 min
 Lab File: BN036686.D
 Acq: 18 Mar 2025 11:10

Tgt Ion: 88 Resp: 4940

Ion	Ratio	Lower	Upper
88	100		
43	54.3	37.8	56.8
58	88.7	67.4	101.2

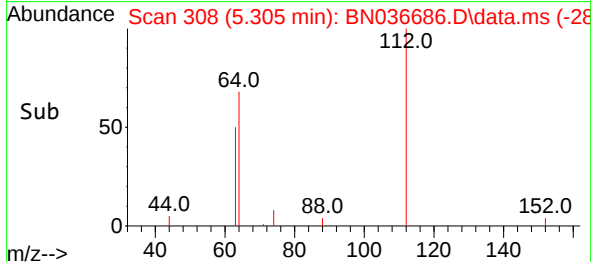
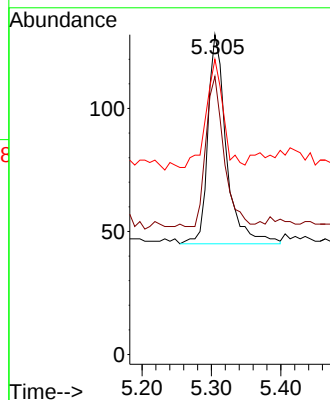
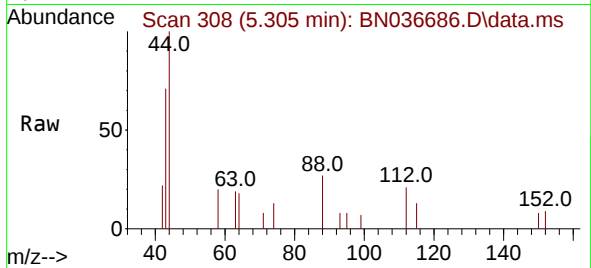




#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

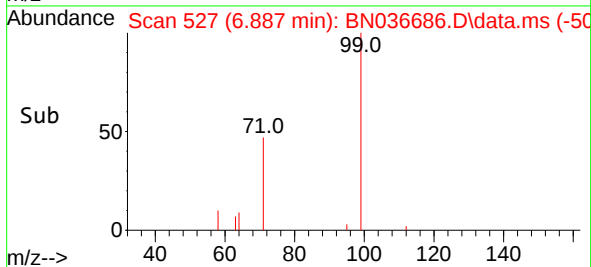
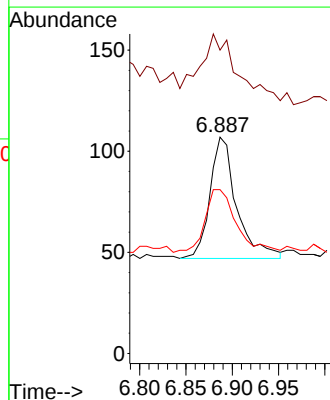
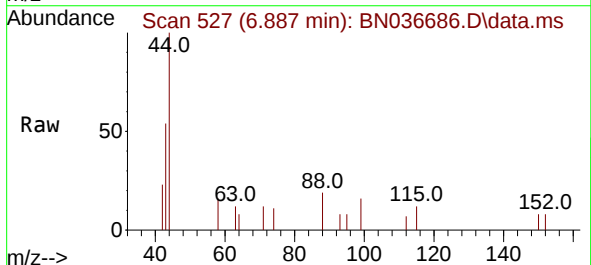
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313DL

Tgt Ion:112 Resp: 158
Ion Ratio Lower Upper
112 100
64 69.6 53.1 79.7
63 47.5 31.8 47.8



#5
Phenol-d6
Concen: 0.021 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.014 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion: 99 Resp: 120
Ion Ratio Lower Upper
99 100
42 82.5 26.5 39.7#
71 60.0 34.1 51.1#

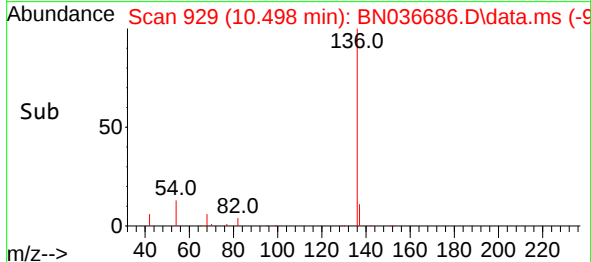
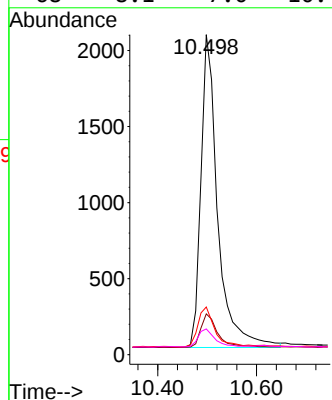
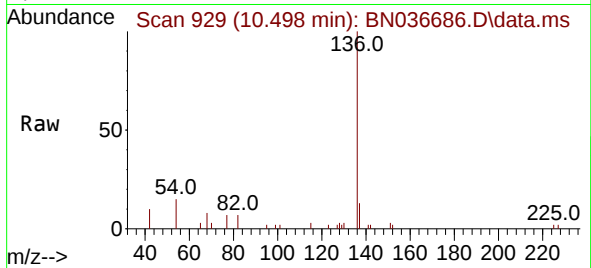




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

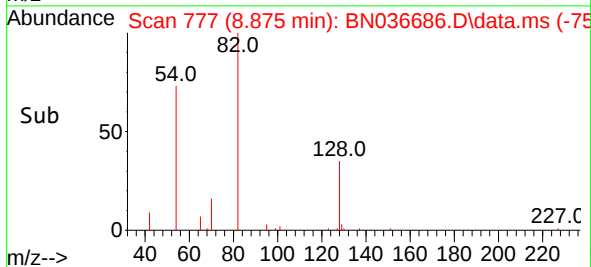
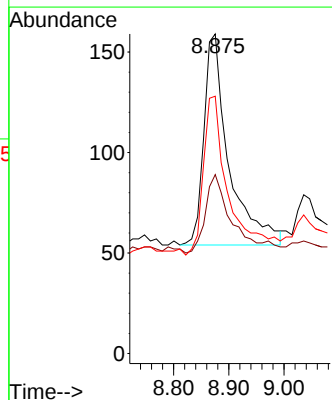
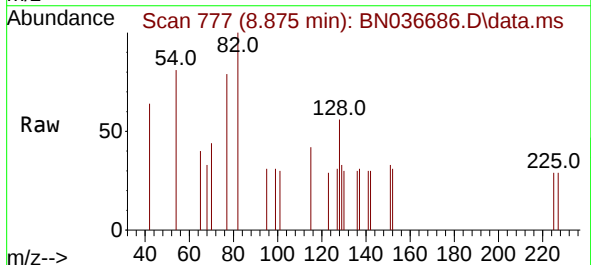
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313DL

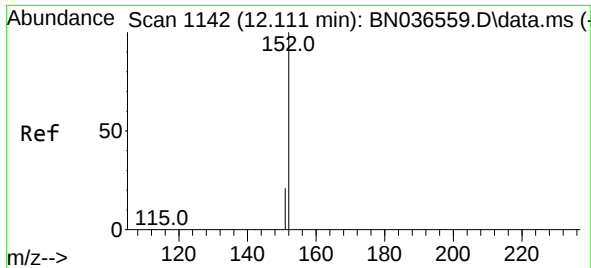
Tgt Ion:	136	Resp:	4853
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	14.9	11.5	17.3
68	8.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.063 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion:	82	Resp:	331
Ion	Ratio	Lower	Upper
82	100		
128	56.0	30.6	45.8#
54	80.5	52.2	78.4#

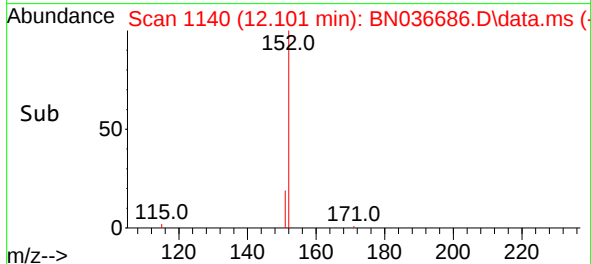
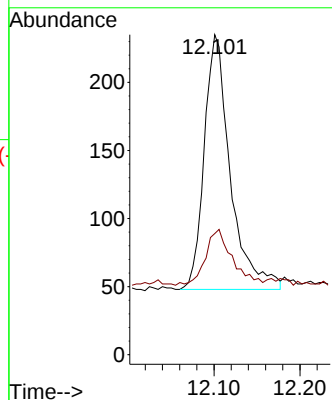
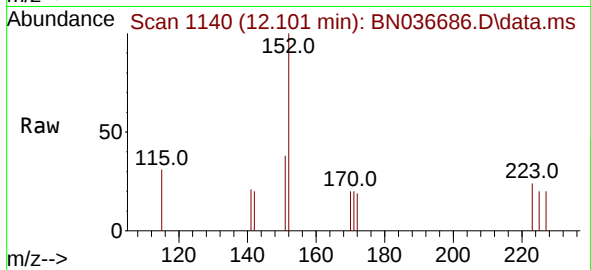




#11
2-Methylnaphthalene-d10
Concen: 0.055 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.010 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

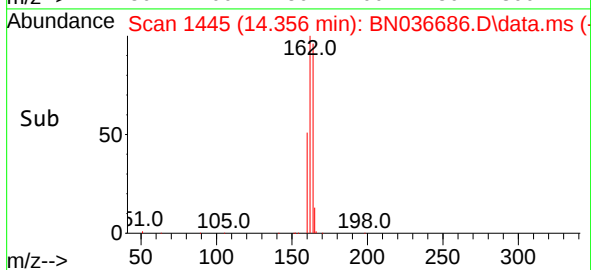
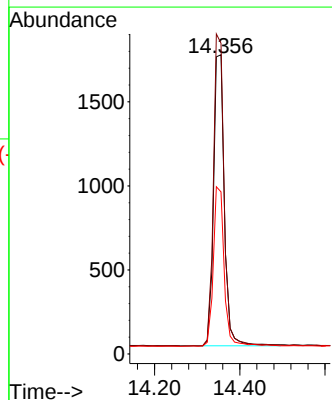
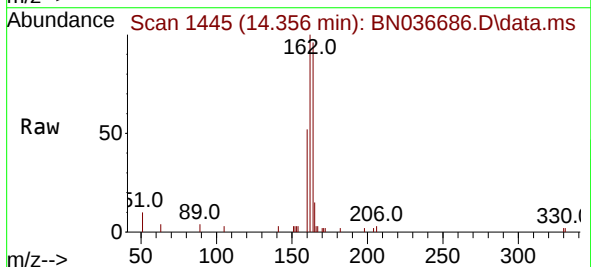
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313DL

Tgt Ion:152 Resp: 394
Ion Ratio Lower Upper
152 100
151 22.6 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: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion:164 Resp: 3032
Ion Ratio Lower Upper
164 100
162 103.9 84.2 126.2
160 54.2 42.2 63.2

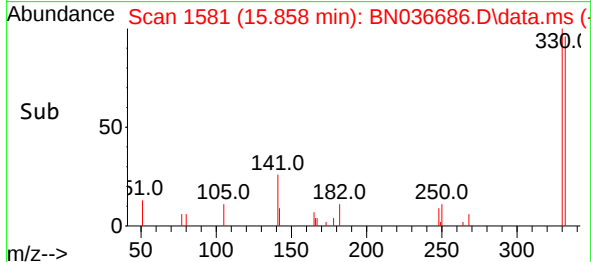
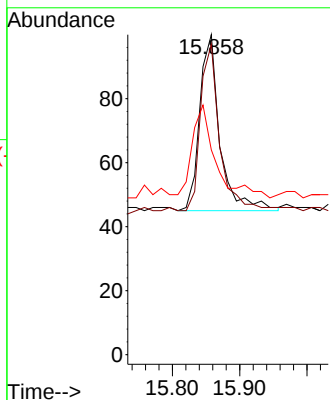
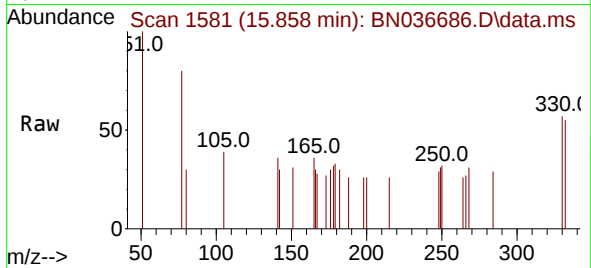




#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 15.858 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

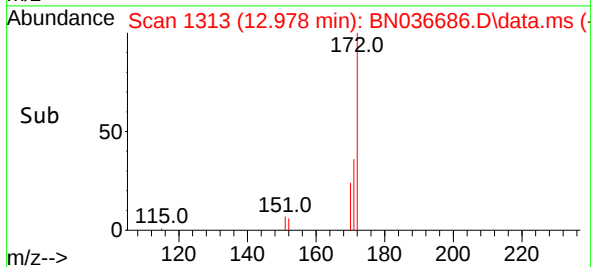
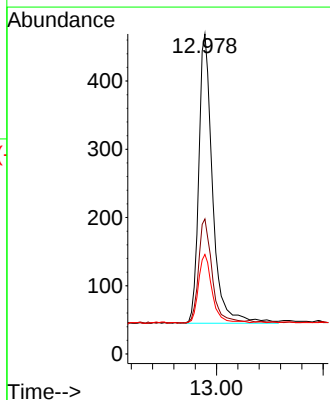
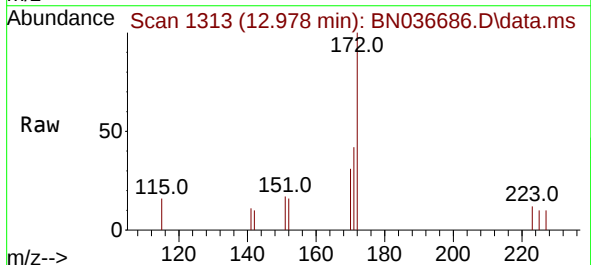
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313DL

Tgt Ion:	330	Resp:	115
Ion Ratio	Lower	Upper	
330	100		
332	92.2	75.2	112.8
141	60.0	43.4	65.2



#15
2-Fluorobiphenyl
Concen: 0.059 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion:	172	Resp:	1040
Ion Ratio	Lower	Upper	
172	100		
171	42.2	29.5	44.3
170	31.1	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: BN036686.D

Acq: 18 Mar 2025 11:10

Instrument :

BNA_N

ClientSampleId :

RE131D2-20250313DL

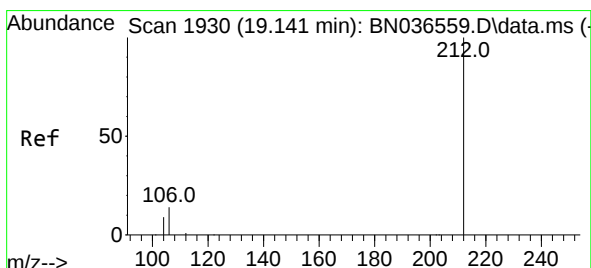
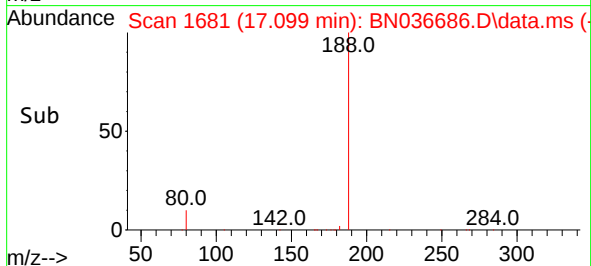
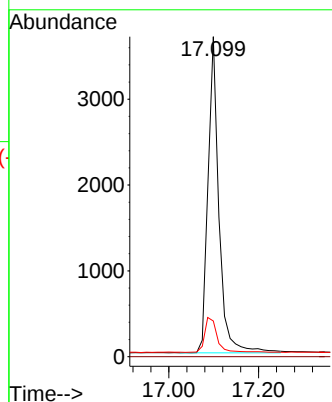
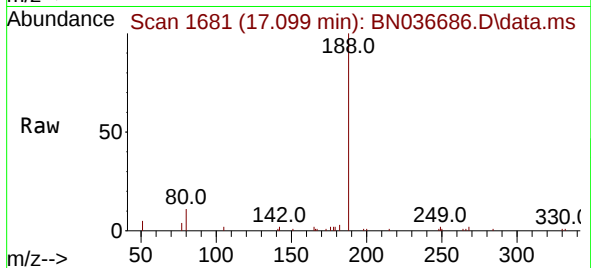
Tgt Ion:188 Resp: 6208

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 8.8 13.2



#27

Fluoranthene-d10

Concen: 0.089 ng

RT: 19.137 min Scan# 1929

Delta R.T. -0.004 min

Lab File: BN036686.D

Acq: 18 Mar 2025 11:10

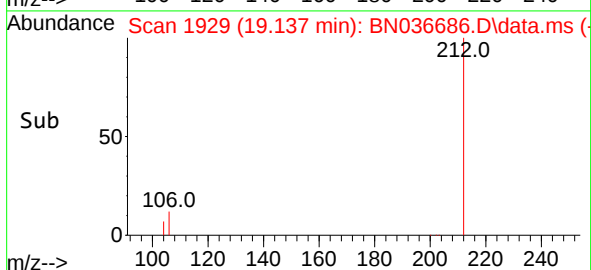
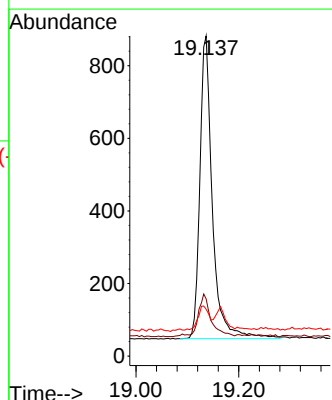
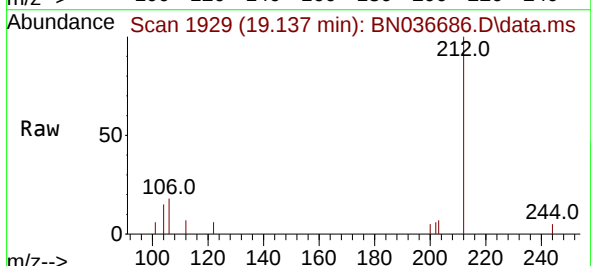
Tgt Ion:212 Resp: 1415

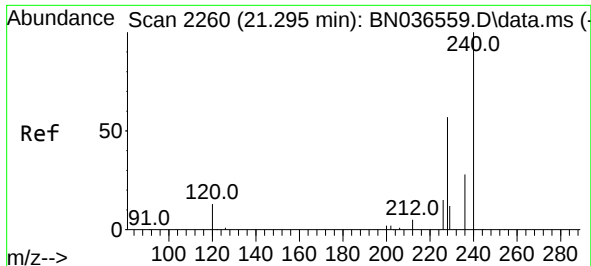
Ion Ratio Lower Upper

212 100

106 13.2 11.8 17.6

104 6.8 7.3 10.9#

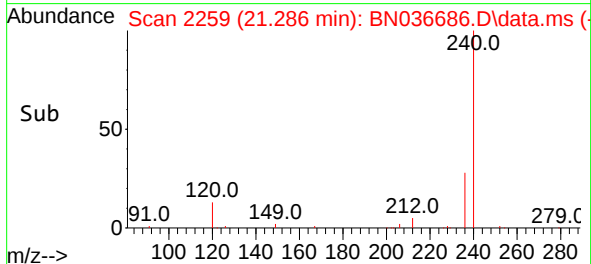
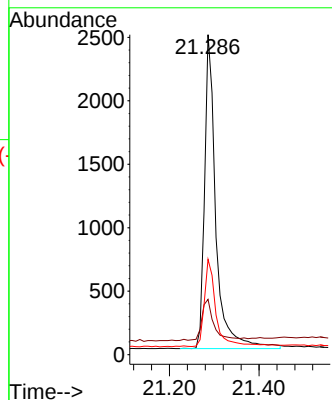
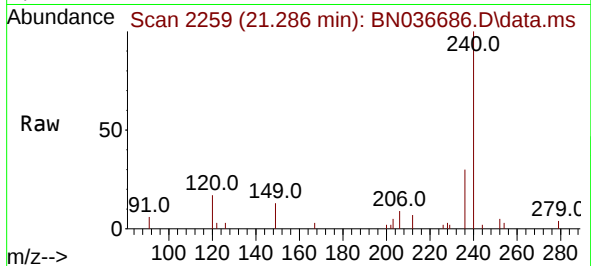




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

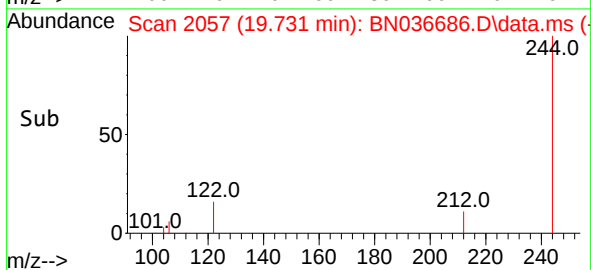
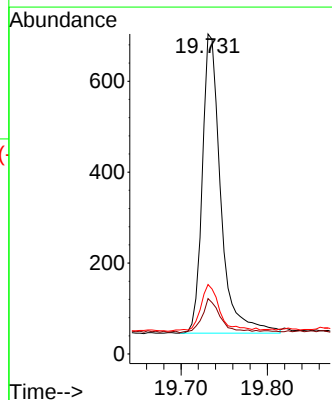
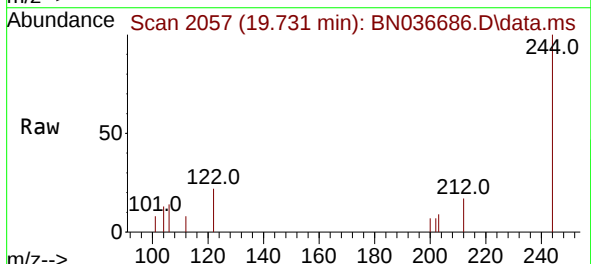
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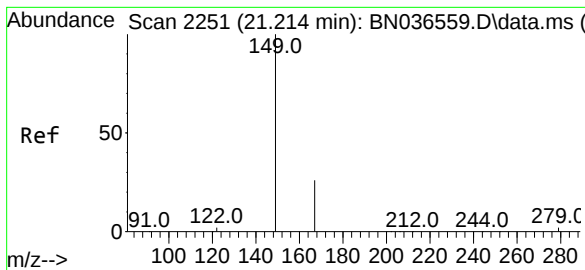
Tgt Ion:240 Resp: 4364
Ion Ratio Lower Upper
240 100
120 17.3 14.6 22.0
236 29.8 24.1 36.1



#31
Terphenyl-d14
Concen: 0.093 ng
RT: 19.731 min Scan# 2057
Delta R.T. -0.014 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion:244 Resp: 976
Ion Ratio Lower Upper
244 100
212 17.3 9.6 14.4#
122 21.7 13.9 20.9#

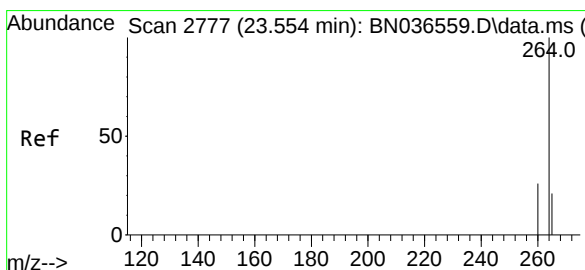
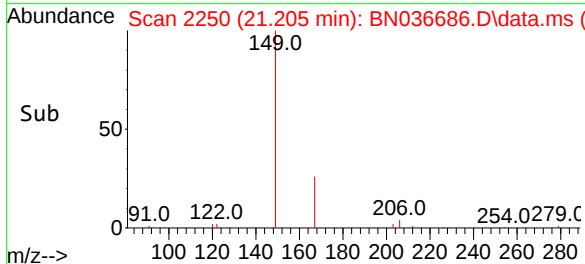
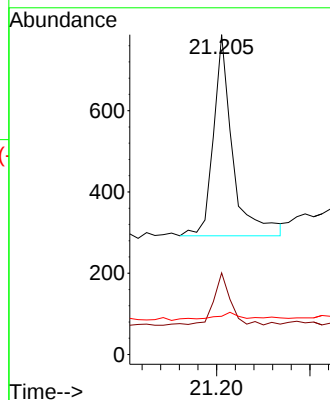
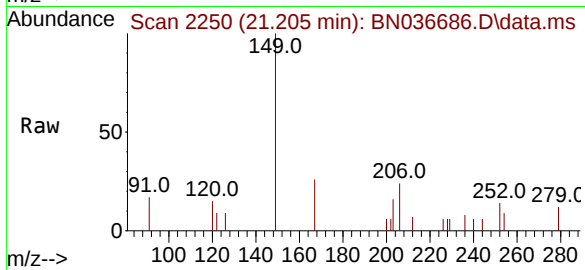




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.205 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN036686.D
 Acq: 18 Mar 2025 11:10

Instrument :
 BNA_N
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 RE131D2-20250313DL

Tgt Ion:149 Resp: 709
 Ion Ratio Lower Upper
 149 100
 167 22.0 20.7 31.1
 279 6.5 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.537 min Scan# 2771
 Delta R.T. -0.017 min
 Lab File: BN036686.D
 Acq: 18 Mar 2025 11:10

Tgt Ion:264 Resp: 3806
 Ion Ratio Lower Upper
 264 100
 260 25.9 22.6 33.8
 265 76.2 88.1 132.1#

