

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036671.D
 Acq On : 17 Mar 2025 22:51
 Operator : RC/JU
 Sample : Q1582-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20250313

Quant Time: Mar 18 00:56:36 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)

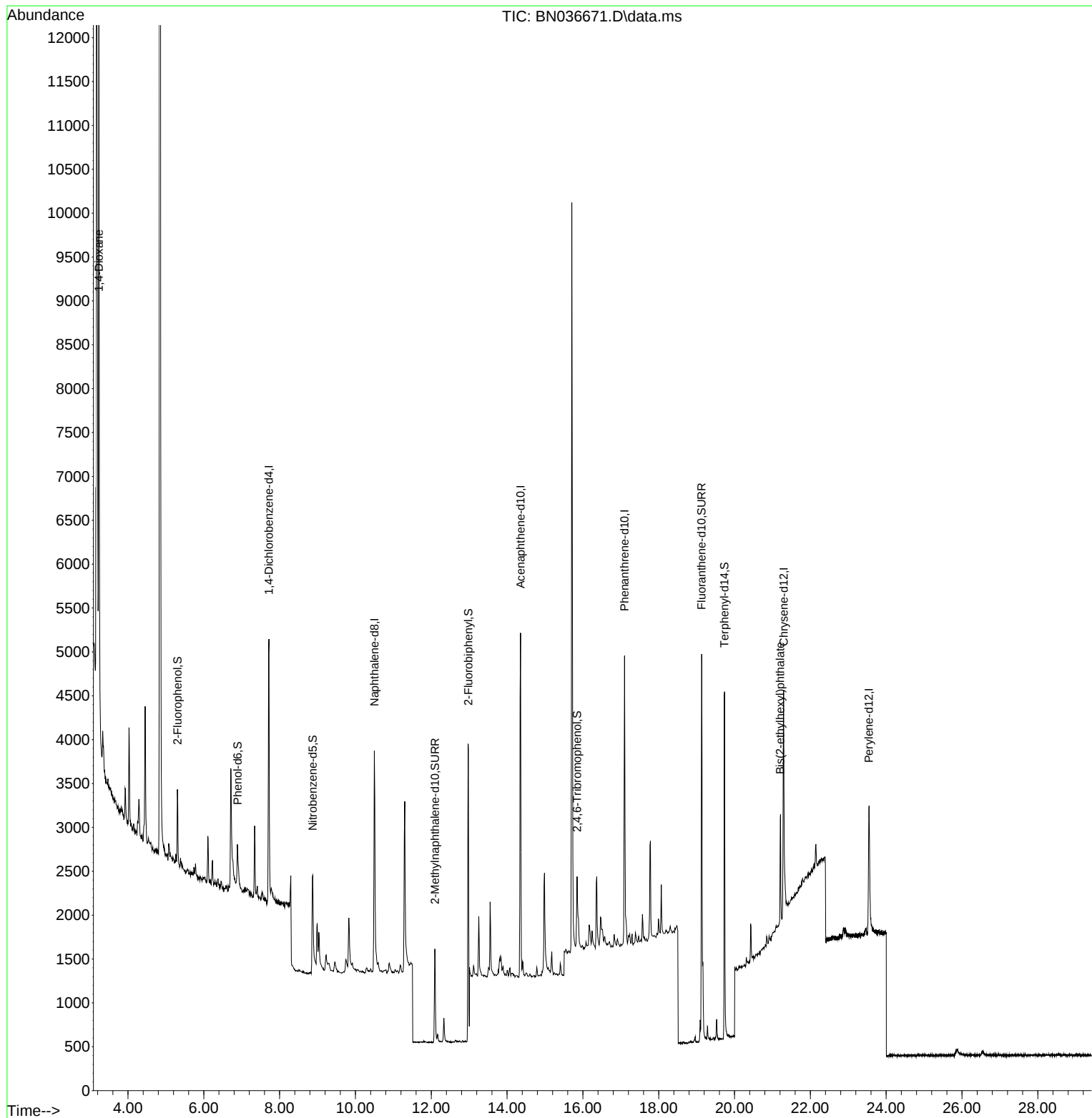
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1476	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	3714	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2273	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4572	0.400	ng	-0.01
29) Chrysene-d12	21.295	240	3100	0.400	ng	0.00
35) Perylene-d12	23.545	264	2528	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	634	0.184	ng	0.00
5) Phenol-d6	6.894	99	427	0.100	ng	0.00
8) Nitrobenzene-d5	8.875	82	1302	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1688	0.306	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	452	0.438	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	4445	0.336	ng	-0.01
27) Fluoranthene-d10	19.132	212	5436	0.464	ng	0.00
31) Terphenyl-d14	19.736	244	4076	0.549	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	4082	2.493	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.205	149	1400	0.182	ng	99

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

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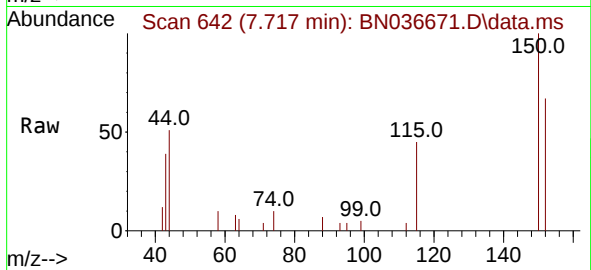
Quant Time: Mar 18 00:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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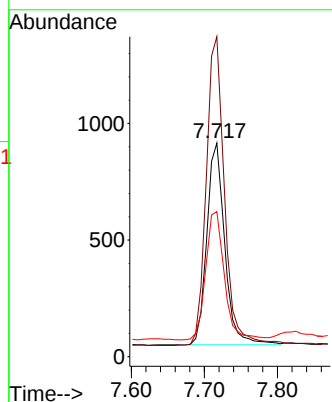
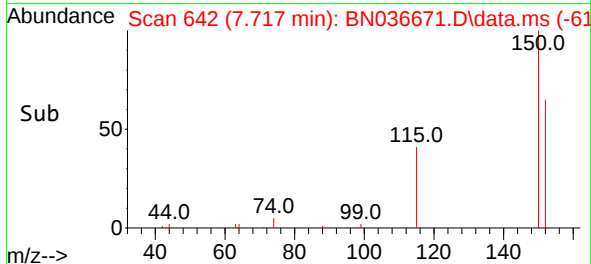


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036671.D
 Acq: 17 Mar 2025 22:51

Instrument :
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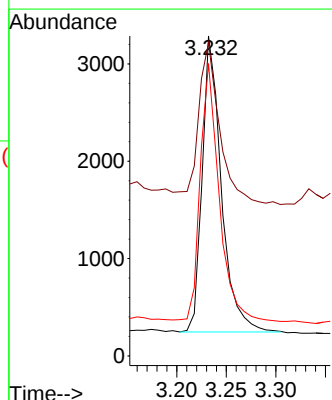
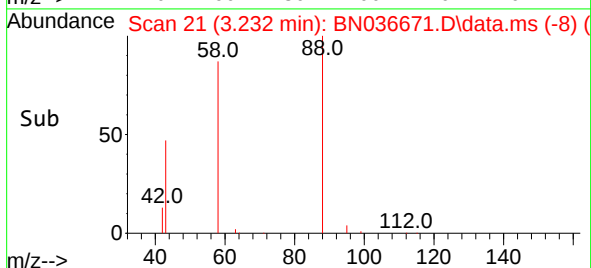
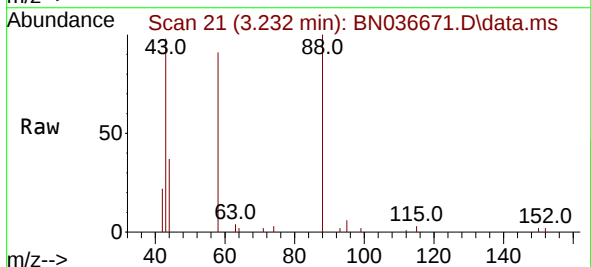


Tgt Ion:152 Resp: 1476
 Ion Ratio Lower Upper
 152 100
 150 149.8 123.7 185.5
 115 67.9 54.3 81.5



#2
 1,4-Dioxane
 Concen: 2.493 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036671.D
 Acq: 17 Mar 2025 22:51

Tgt Ion: 88 Resp: 4082
 Ion Ratio Lower Upper
 88 100
 43 62.2 37.8 56.8#
 58 86.6 67.4 101.2

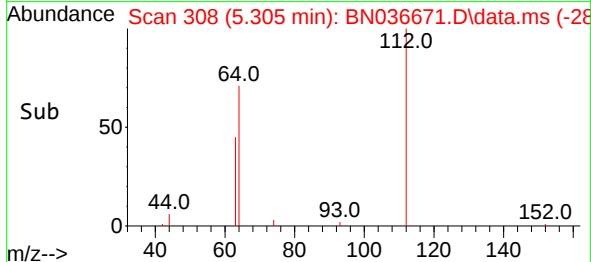
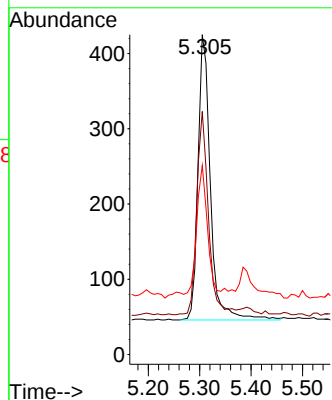
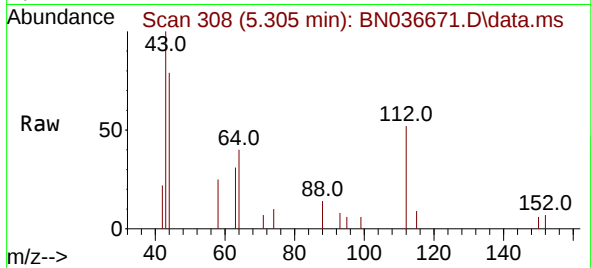




#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51

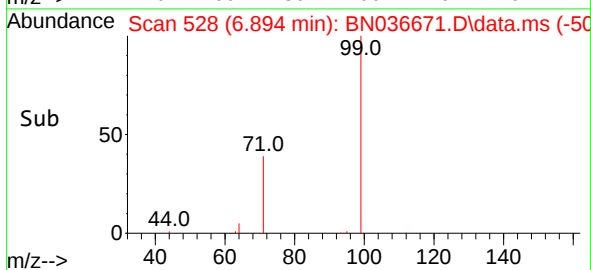
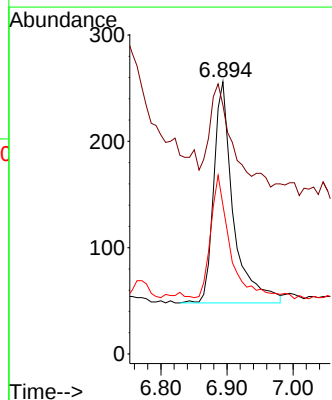
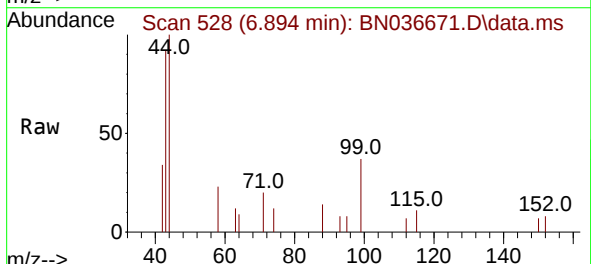
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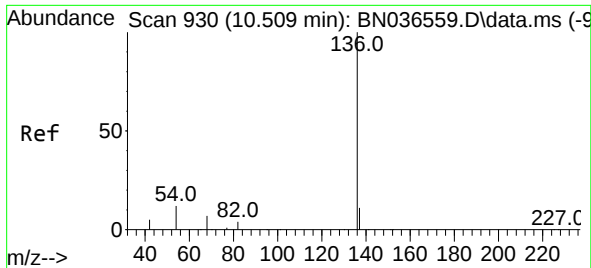
Tgt Ion:112 Resp: 634
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 41.5 31.8 47.8



#5
Phenol-d6
Concen: 0.100 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51

Tgt Ion: 99 Resp: 427
Ion Ratio Lower Upper
99 100
42 38.9 26.5 39.7
71 56.9 34.1 51.1#

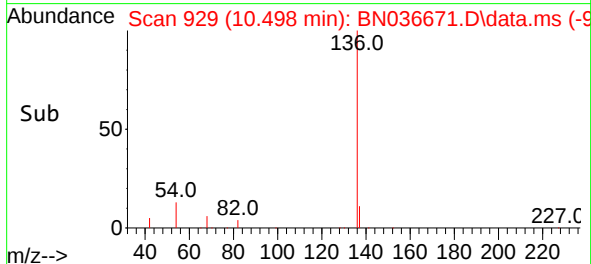
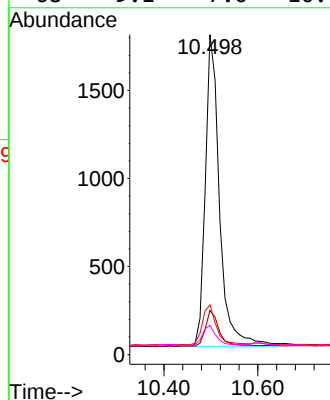
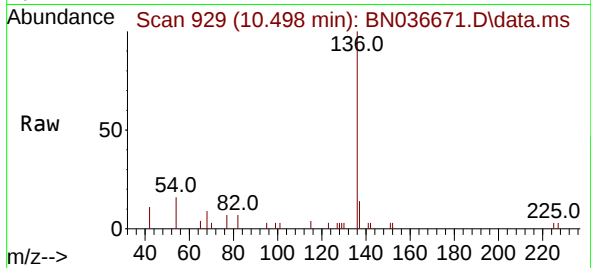




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51

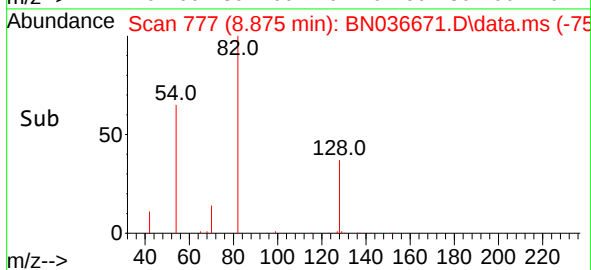
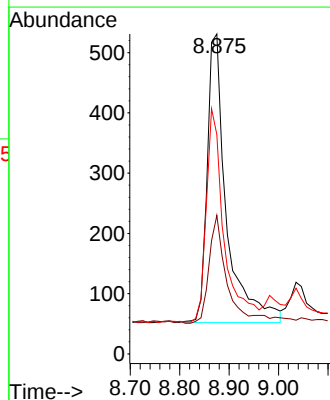
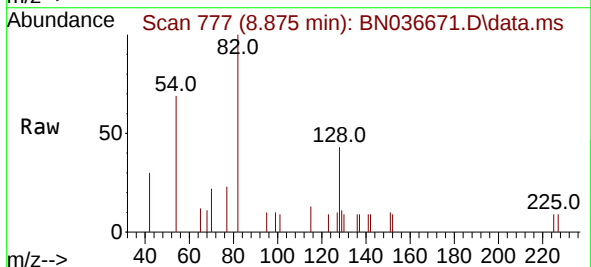
Instrument :
BNA_N
ClientSampleId :
RE131D3-20250313

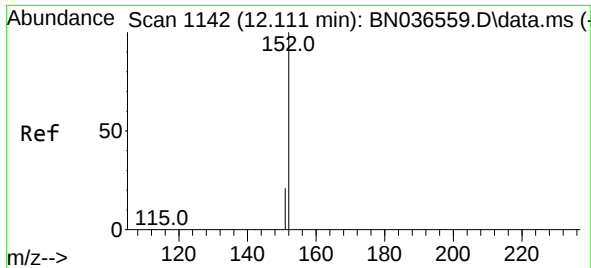
Tgt Ion:	136	Resp:	3714
Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.3	15.5
54	15.5	11.5	17.3
68	9.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51

Tgt Ion:	82	Resp:	1302
Ion	Ratio	Lower	Upper
82	100		
128	43.3	30.6	45.8
54	68.5	52.2	78.4

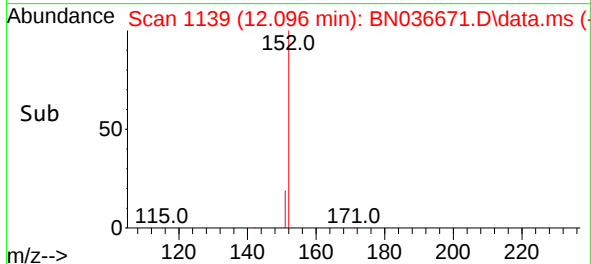
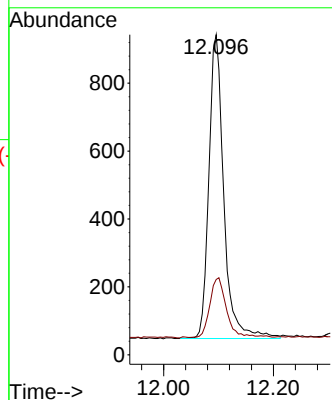
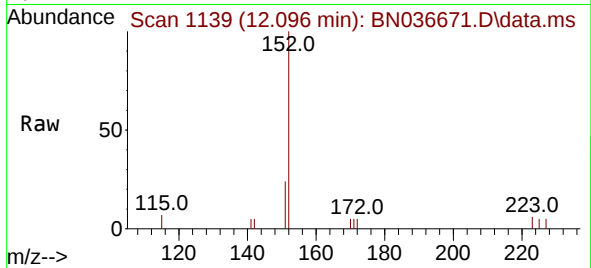




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.096 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51

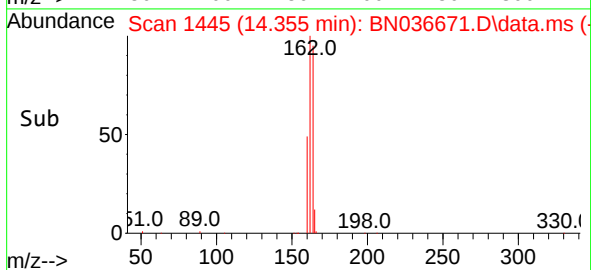
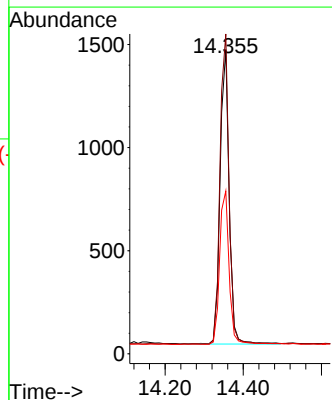
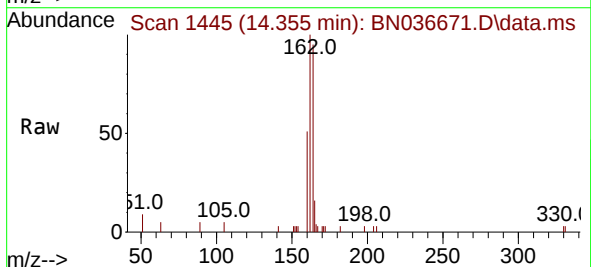
Instrument :
BNA_N
ClientSampleId :
RE131D3-20250313

Tgt Ion:152 Resp: 1688
Ion Ratio Lower Upper
152 100
151 21.6 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: BN036671.D
Acq: 17 Mar 2025 22:51

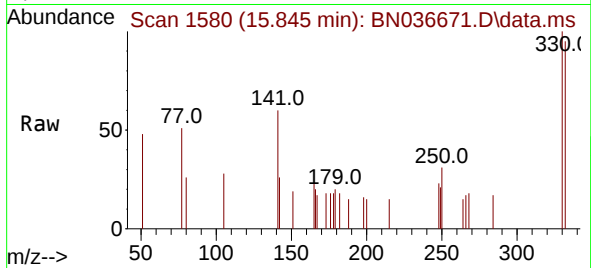
Tgt Ion:164 Resp: 2273
Ion Ratio Lower Upper
164 100
162 105.2 84.2 126.2
160 53.5 42.2 63.2



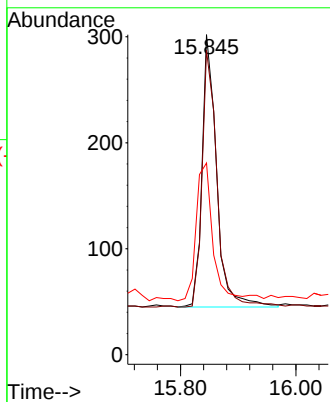
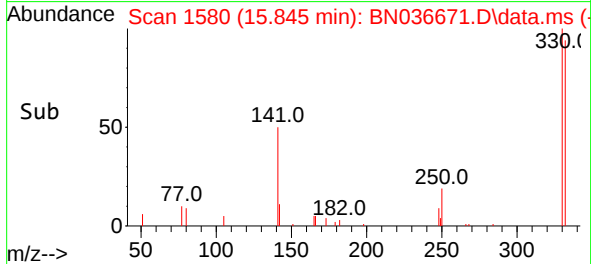


#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51

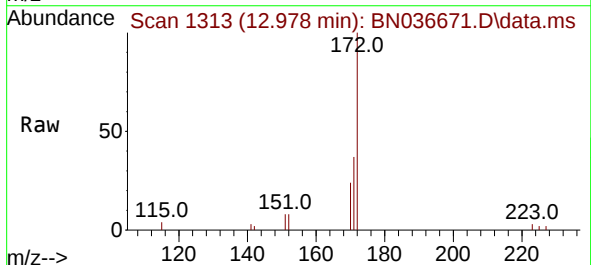
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RE131D3-20250313



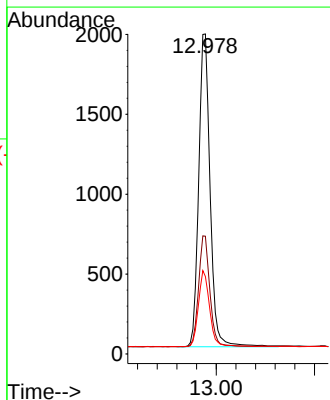
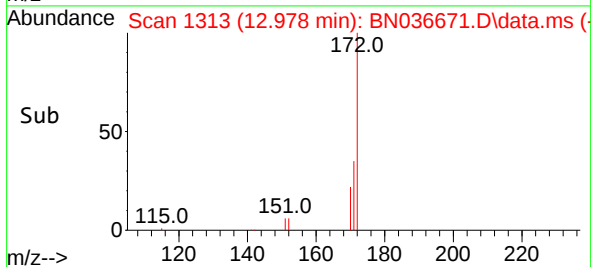
Tgt Ion:330 Resp: 452
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 59.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51



Tgt Ion:172 Resp: 4445
Ion Ratio Lower Upper
172 100
171 36.8 29.5 44.3
170 24.2 20.2 30.4

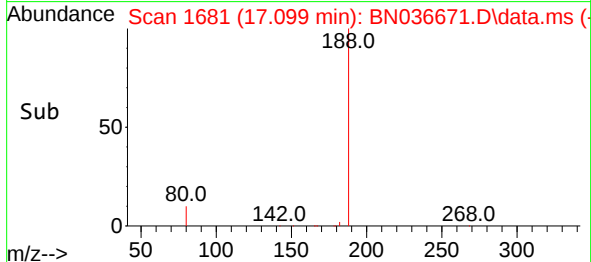
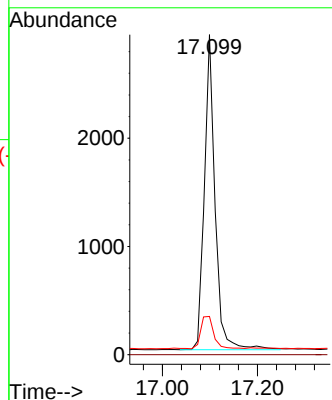
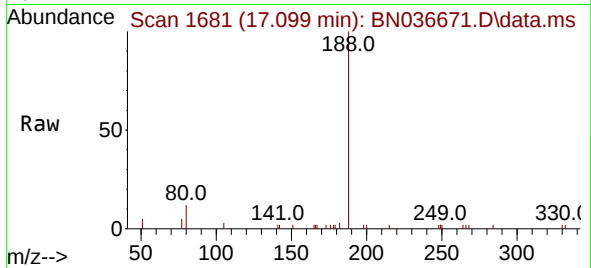




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51

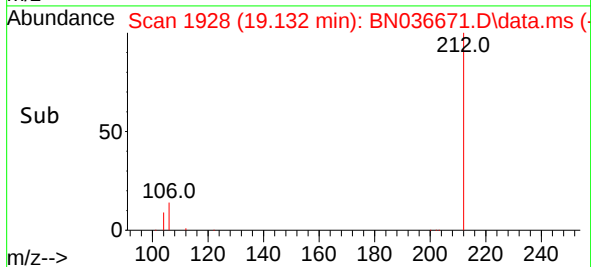
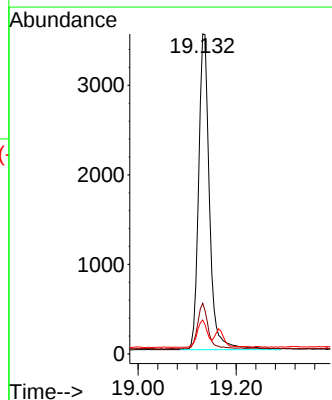
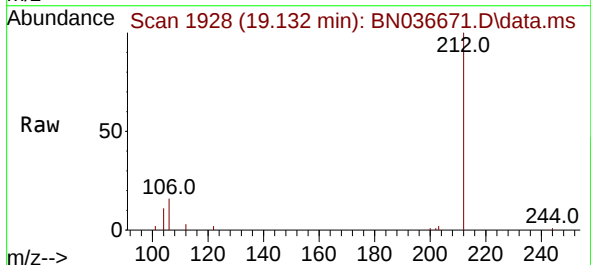
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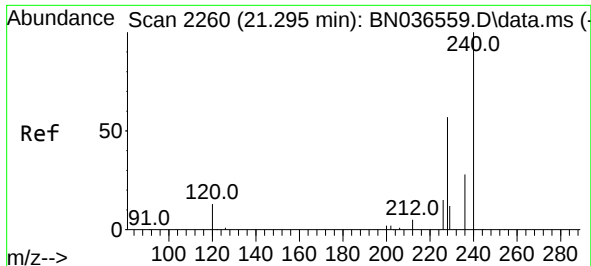
Tgt Ion:188 Resp: 4572
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51

Tgt Ion:212 Resp: 5436
Ion Ratio Lower Upper
212 100
106 13.9 11.8 17.6
104 8.0 7.3 10.9

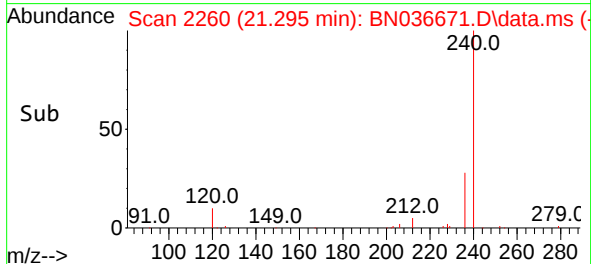
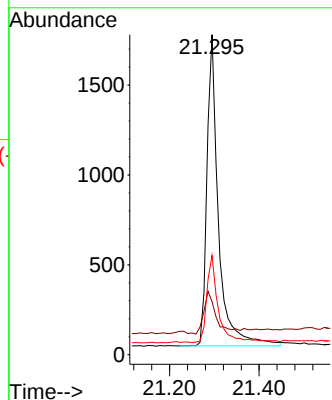
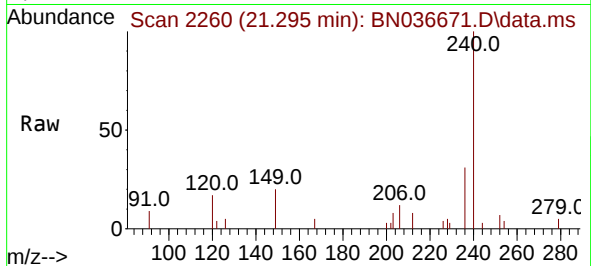




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51

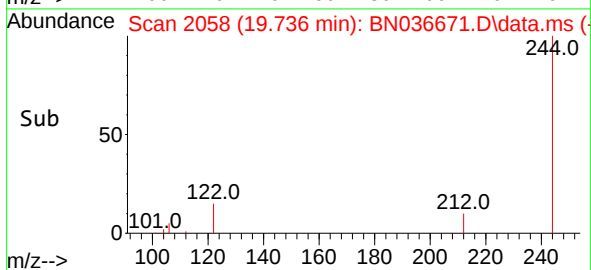
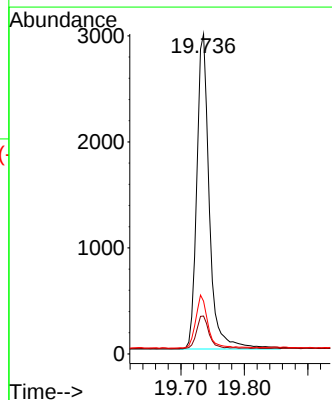
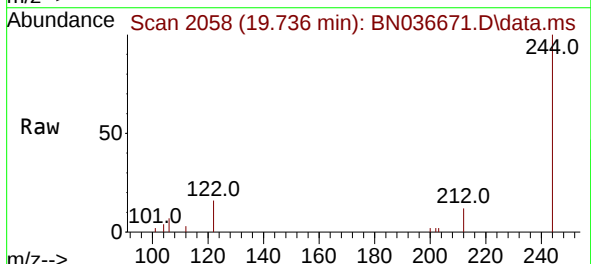
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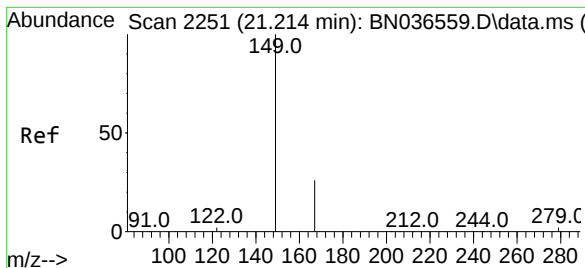
Tgt Ion:240 Resp: 3100
Ion Ratio Lower Upper
240 100
120 16.6 14.6 22.0
236 31.1 24.1 36.1



#31
Terphenyl-d14
Concen: 0.549 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036671.D
Acq: 17 Mar 2025 22:51

Tgt Ion:244 Resp: 4076
Ion Ratio Lower Upper
244 100
212 11.8 9.6 14.4
122 16.5 13.9 20.9

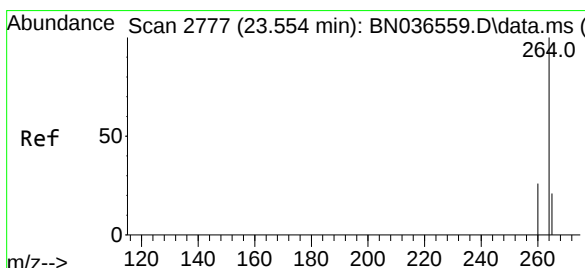
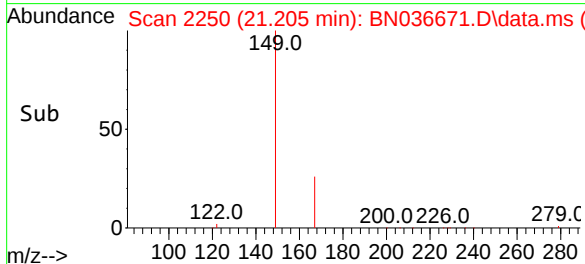
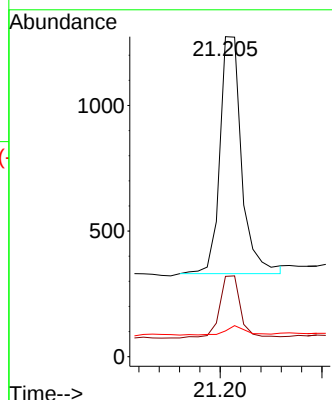
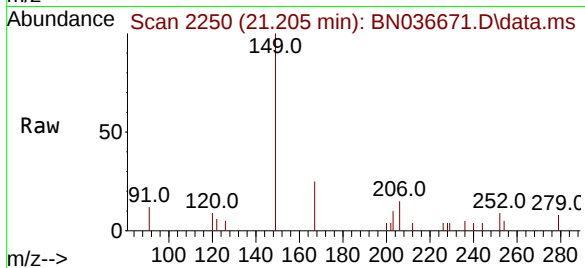




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.182 ng
 RT: 21.205 min Scan# 2125
 Delta R.T. -0.009 min
 Lab File: BN036671.D
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Tgt Ion:149 Resp: 1400
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.7 31.1
 279 3.9 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.545 min Scan# 2774
 Delta R.T. -0.009 min
 Lab File: BN036671.D
 Acq: 17 Mar 2025 22:51

Tgt Ion:264 Resp: 2528
 Ion Ratio Lower Upper
 264 100
 260 28.8 22.6 33.8
 265 114.2 88.1 132.1

