

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036774.D
 Acq On : 28 Mar 2025 15:49
 Operator : RC/JU
 Sample : PB167159BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 16:20:54 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

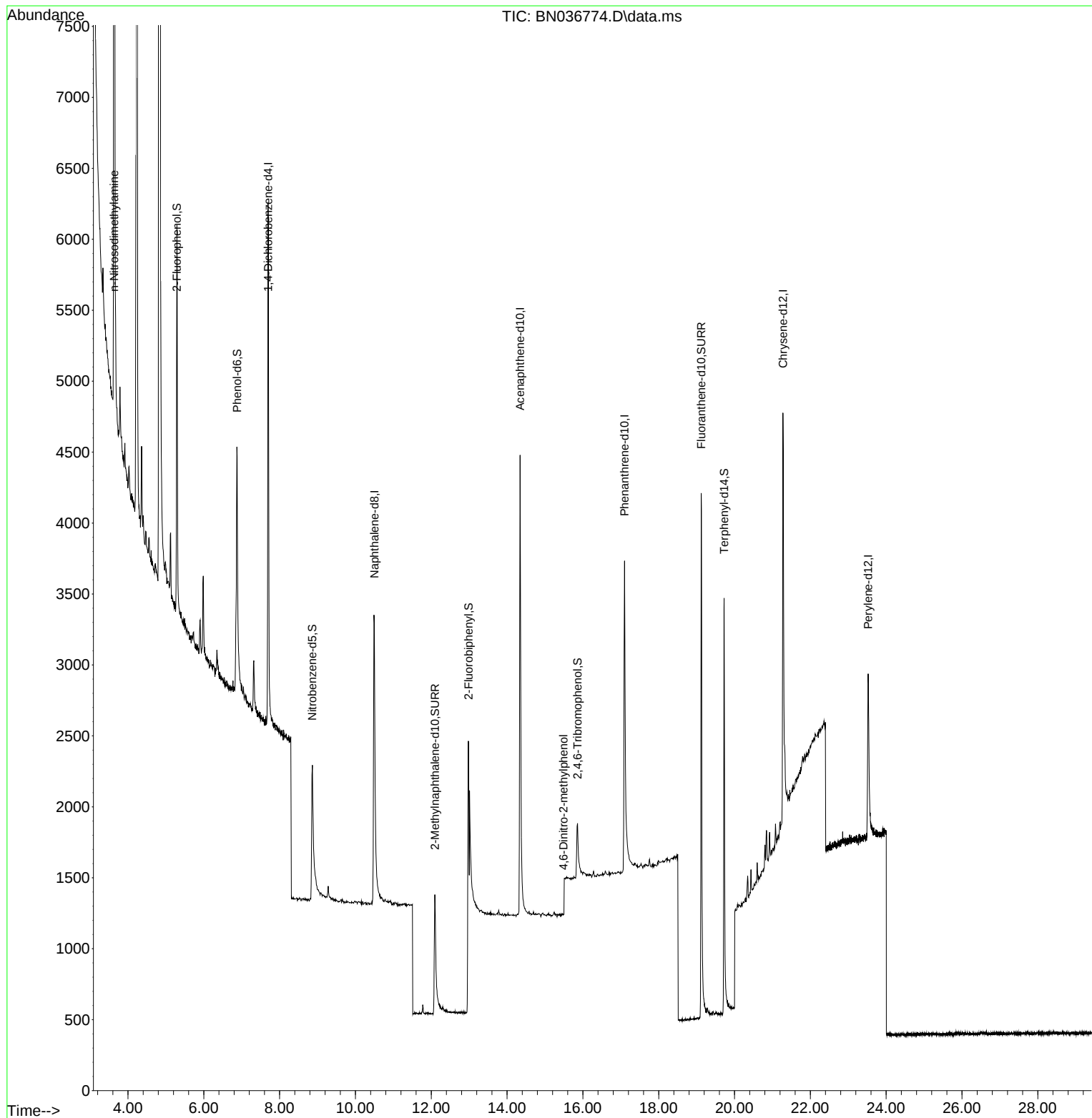
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1960	0.400	ng	-0.03
7) Naphthalene-d8	10.498	136	4428	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2482	0.400	ng	-0.02
19) Phenanthrene-d10	17.099	188	5023	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3996	0.400	ng	-0.02
35) Perylene-d12	23.525	264	2091	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1982	0.434	ng	-0.02
5) Phenol-d6	6.879	99	2119	0.376	ng	-0.02
8) Nitrobenzene-d5	8.864	82	1556	0.323	ng	-0.01
11) 2-Methylnaphthalene-d10	12.095	152	2283	0.347	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	431	0.383	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	4492	0.311	ng	0.00
27) Fluoranthene-d10	19.122	212	5363	0.417	ng	-0.02
31) Terphenyl-d14	19.726	244	3691	0.386	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.636	42	2378	0.541	ng	# 10
20) 4,6-Dinitro-2-methylph...	15.489	198	1	0.146	ng	# 35

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

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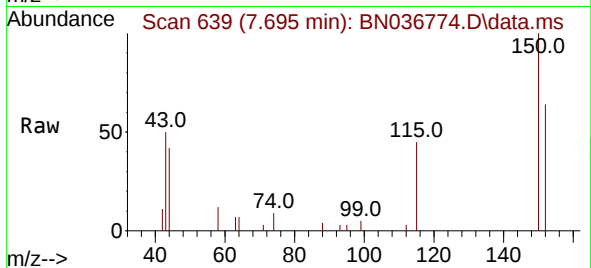
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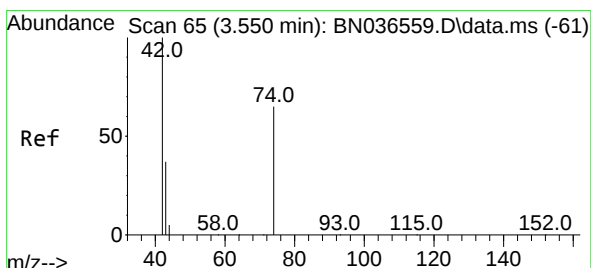
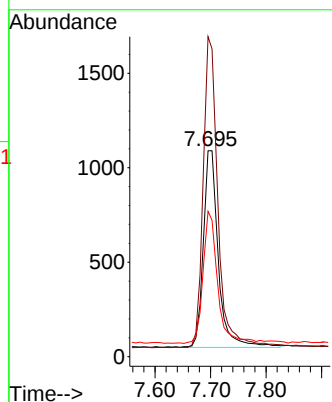
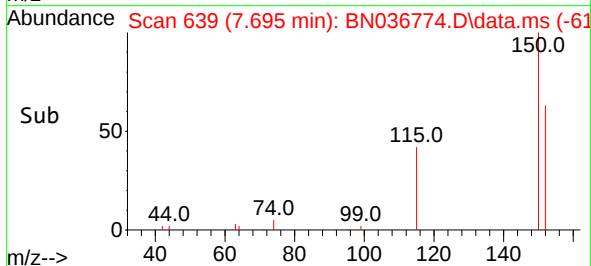


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

Instrument :
BNA_N
ClientSampleId :

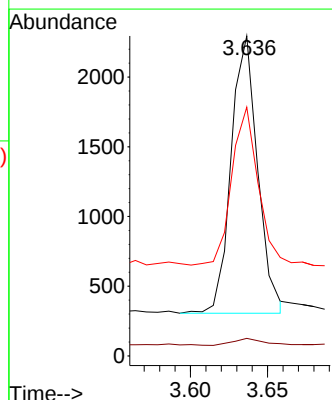
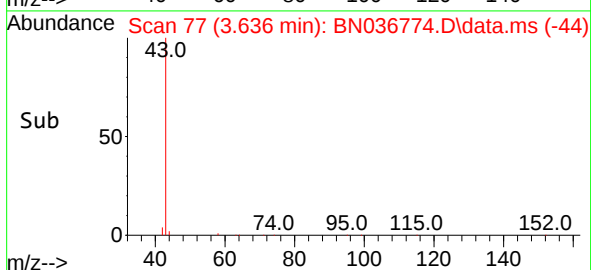
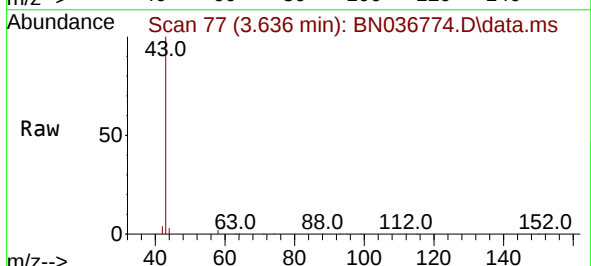


Tgt Ion:152 Resp: 1960
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 70.6 54.3 81.5



#3
n-Nitrosodimethylamine
Concen: 0.541 ng
RT: 3.636 min Scan# 77
Delta R.T. 0.087 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

Tgt Ion: 42 Resp: 2378
Ion Ratio Lower Upper
42 100
74 2.8 60.6 90.8#
44 56.1 6.3 9.5#

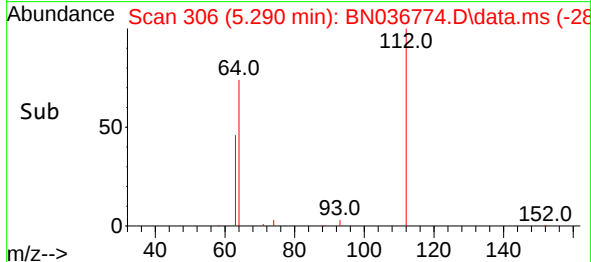
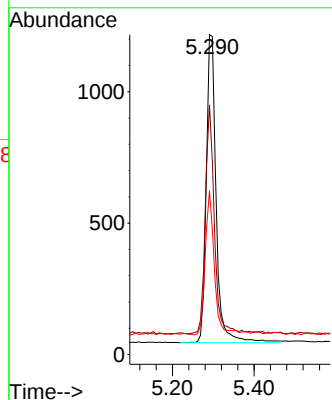
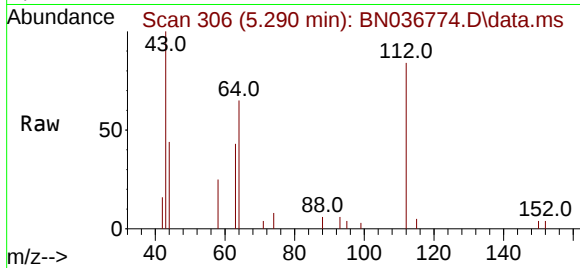




#4
2-Fluorophenol
Concen: 0.434 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

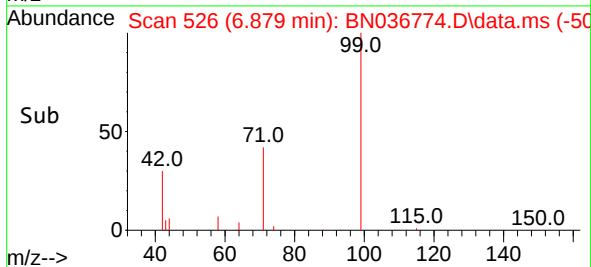
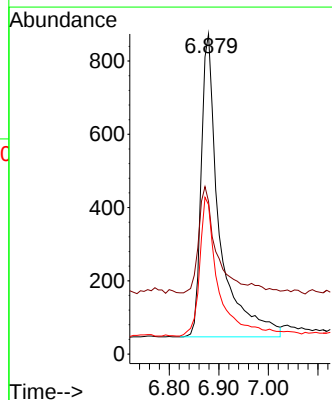
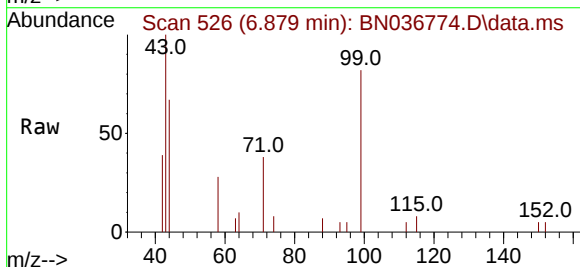
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1982
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 43.0 31.8 47.8



#5
Phenol-d6
Concen: 0.376 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

Tgt Ion: 99 Resp: 2119
Ion Ratio Lower Upper
99 100
42 33.4 26.5 39.7
71 48.0 34.1 51.1

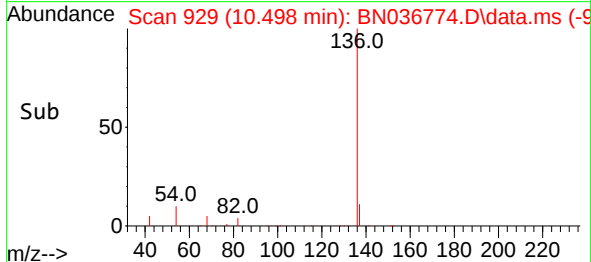
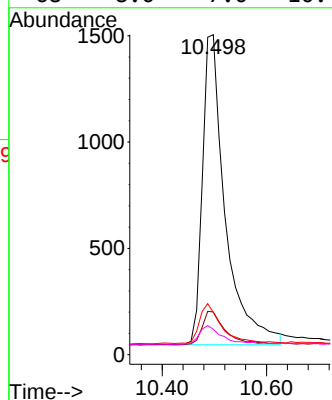
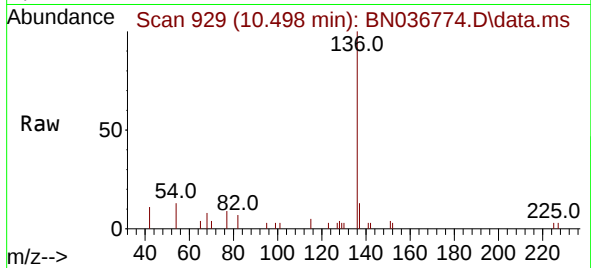




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

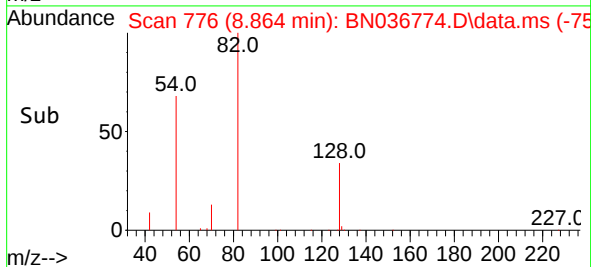
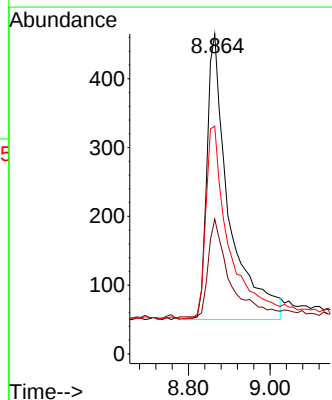
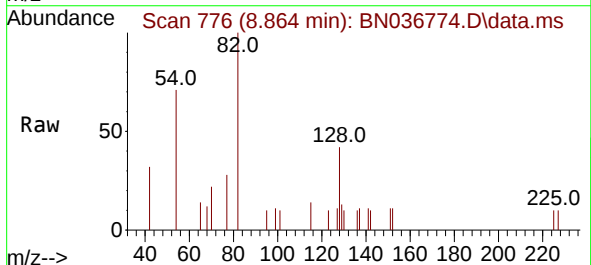
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136	Resp:	4428
Ion	Ratio	Lower Upper
136	100	
137	13.4	10.3 15.5
54	13.2	11.5 17.3
68	8.0	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

Tgt Ion: 82	Resp:	1556
Ion	Ratio	Lower Upper
82	100	
128	42.2	30.6 45.8
54	71.2	52.2 78.4

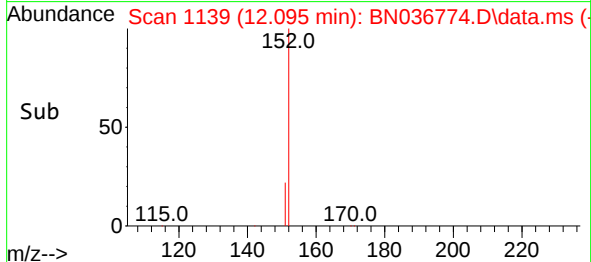
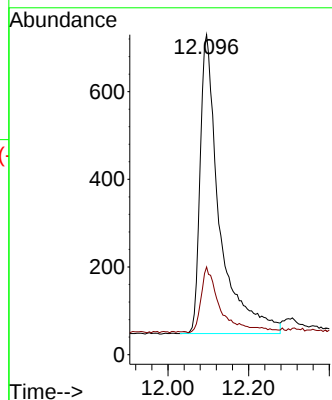
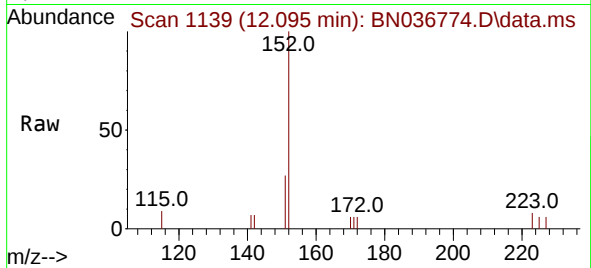




#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.095 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

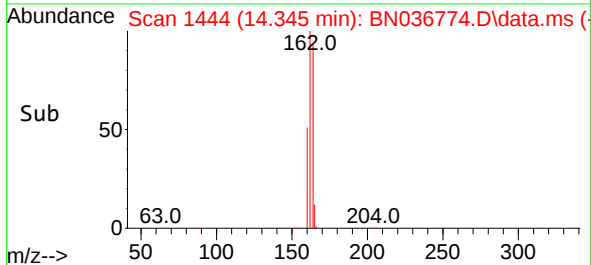
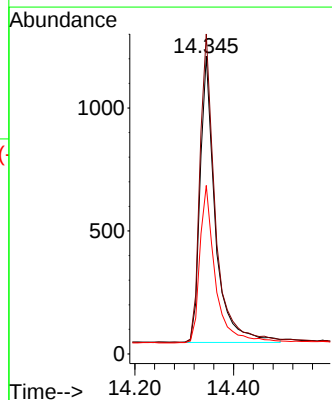
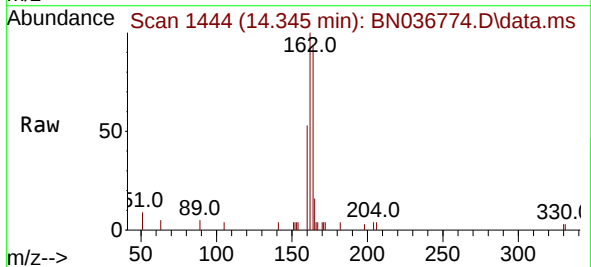
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2283
Ion Ratio Lower Upper
152 100
151 22.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

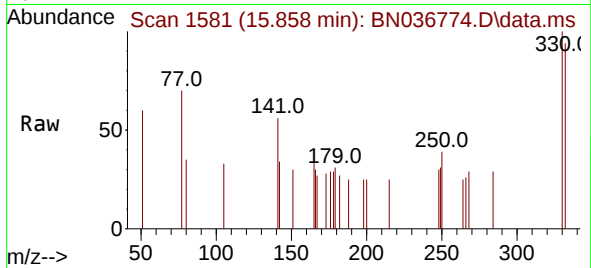
Tgt Ion:164 Resp: 2482
Ion Ratio Lower Upper
164 100
162 107.4 84.2 126.2
160 56.6 42.2 63.2



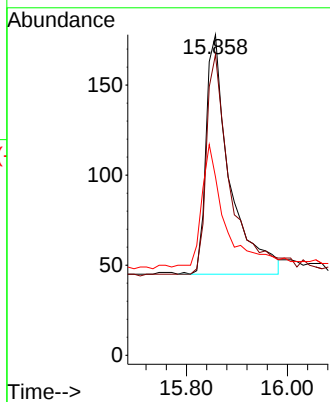
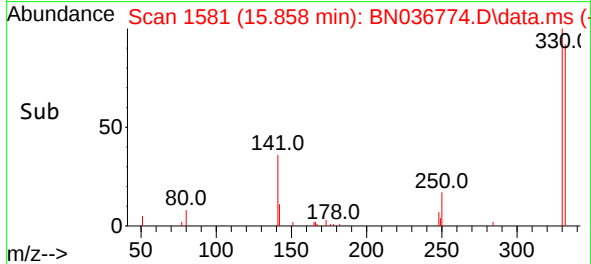


#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 15.858 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

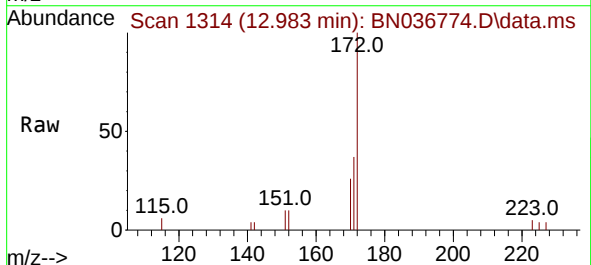
Instrument :
BNA_N
ClientSampleId :



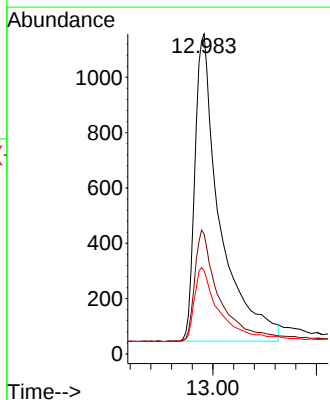
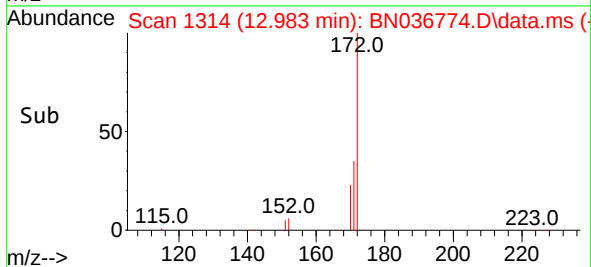
Tgt Ion:330 Resp: 431
Ion Ratio Lower Upper
330 100
332 93.5 75.2 112.8
141 49.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49



Tgt Ion:172 Resp: 4492
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 26.0 20.2 30.4

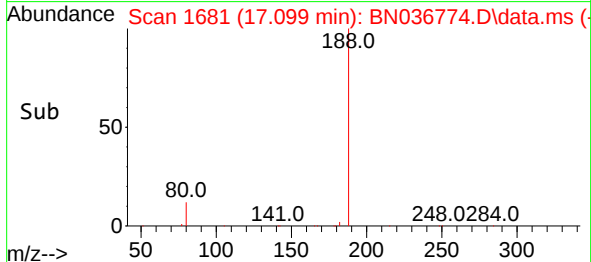
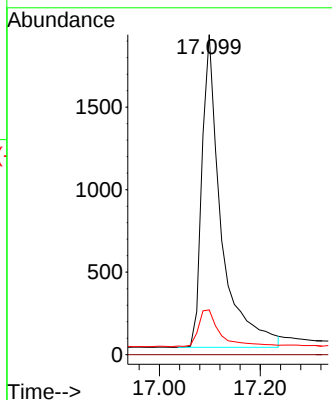
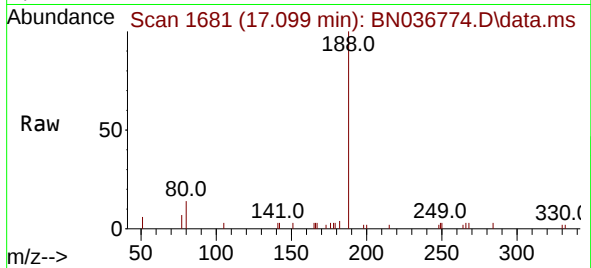




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

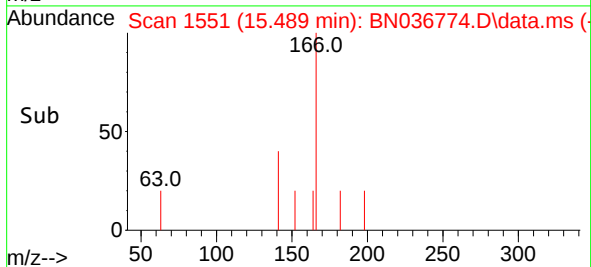
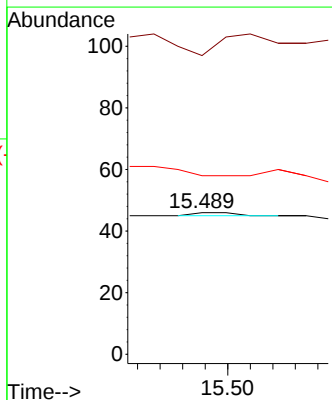
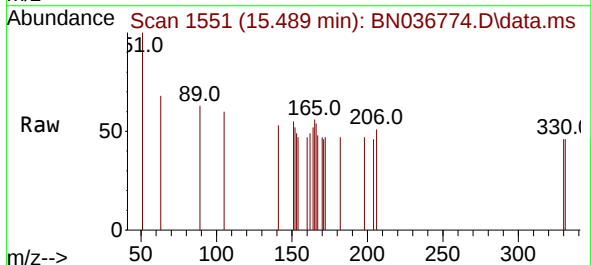
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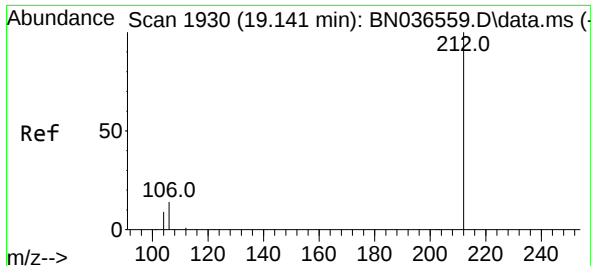
Tgt Ion:188 Resp: 5023
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.010 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 210.9 107.9 161.9#
105 126.1 56.2 84.2#

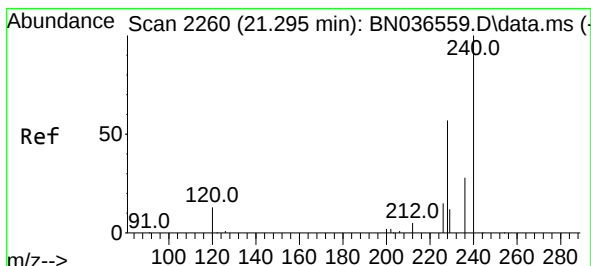
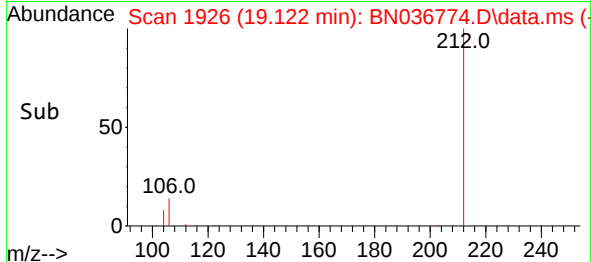
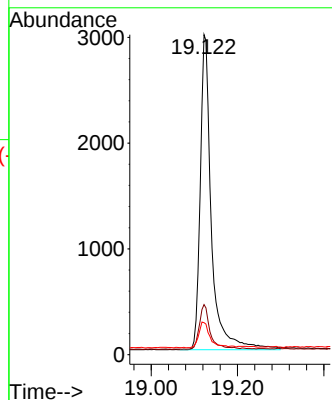
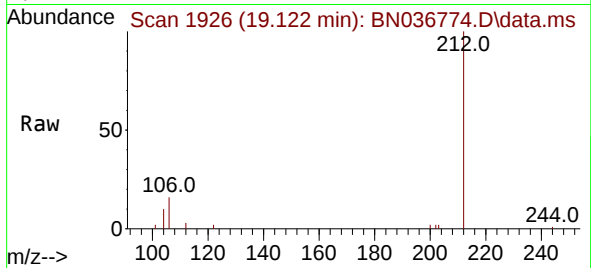




#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.122 min Scan# 19
Delta R.T. -0.019 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

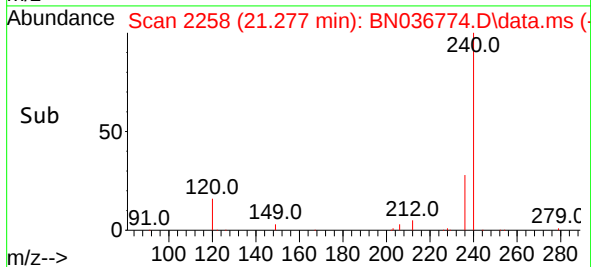
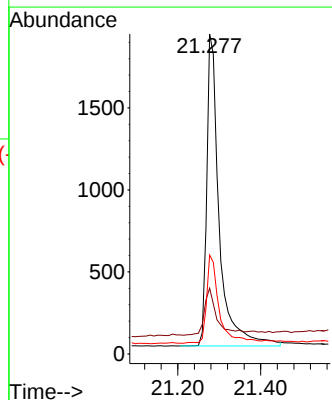
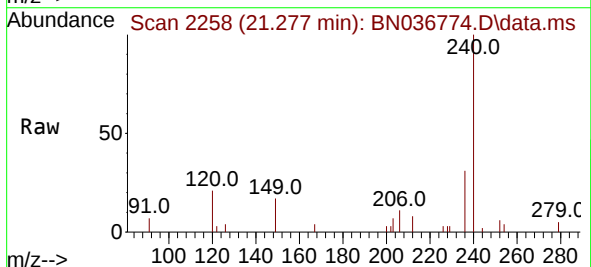
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 5363
Ion Ratio Lower Upper
212 100
106 13.6 11.8 17.6
104 8.1 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036774.D
Acq: 28 Mar 2025 15:49

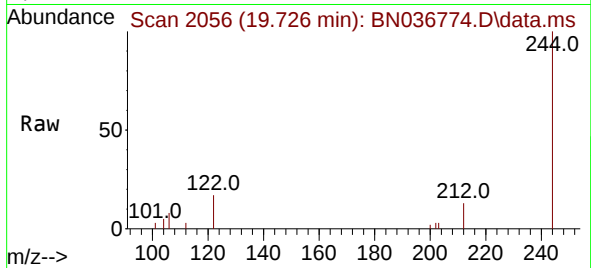
Tgt Ion:240 Resp: 3996
Ion Ratio Lower Upper
240 100
120 20.6 14.6 22.0
236 30.9 24.1 36.1



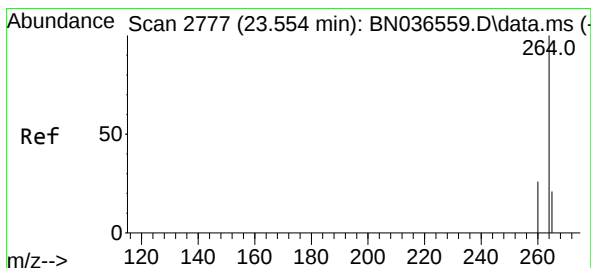
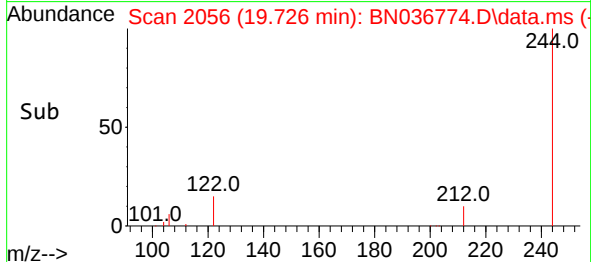
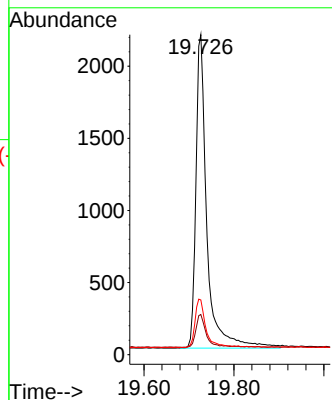


#31
 Terphenyl-d14
 Concen: 0.386 ng
 RT: 19.726 min Scan# 2060
 Delta R.T. -0.019 min
 Lab File: BN036774.D
 Acq: 28 Mar 2025 15:49

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:244 Resp: 3691
 Ion Ratio Lower Upper
 244 100
 212 12.5 9.6 14.4
 122 17.1 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.525 min Scan# 2767
 Delta R.T. -0.029 min
 Lab File: BN036774.D
 Acq: 28 Mar 2025 15:49

Tgt Ion:264 Resp: 2091
 Ion Ratio Lower Upper
 264 100
 260 30.8 22.6 33.8
 265 135.4 88.1 132.1#

