

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036792.D
 Acq On : 29 Mar 2025 03:20
 Operator : RC/JU
 Sample : PB167295BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 29 04:28:52 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)

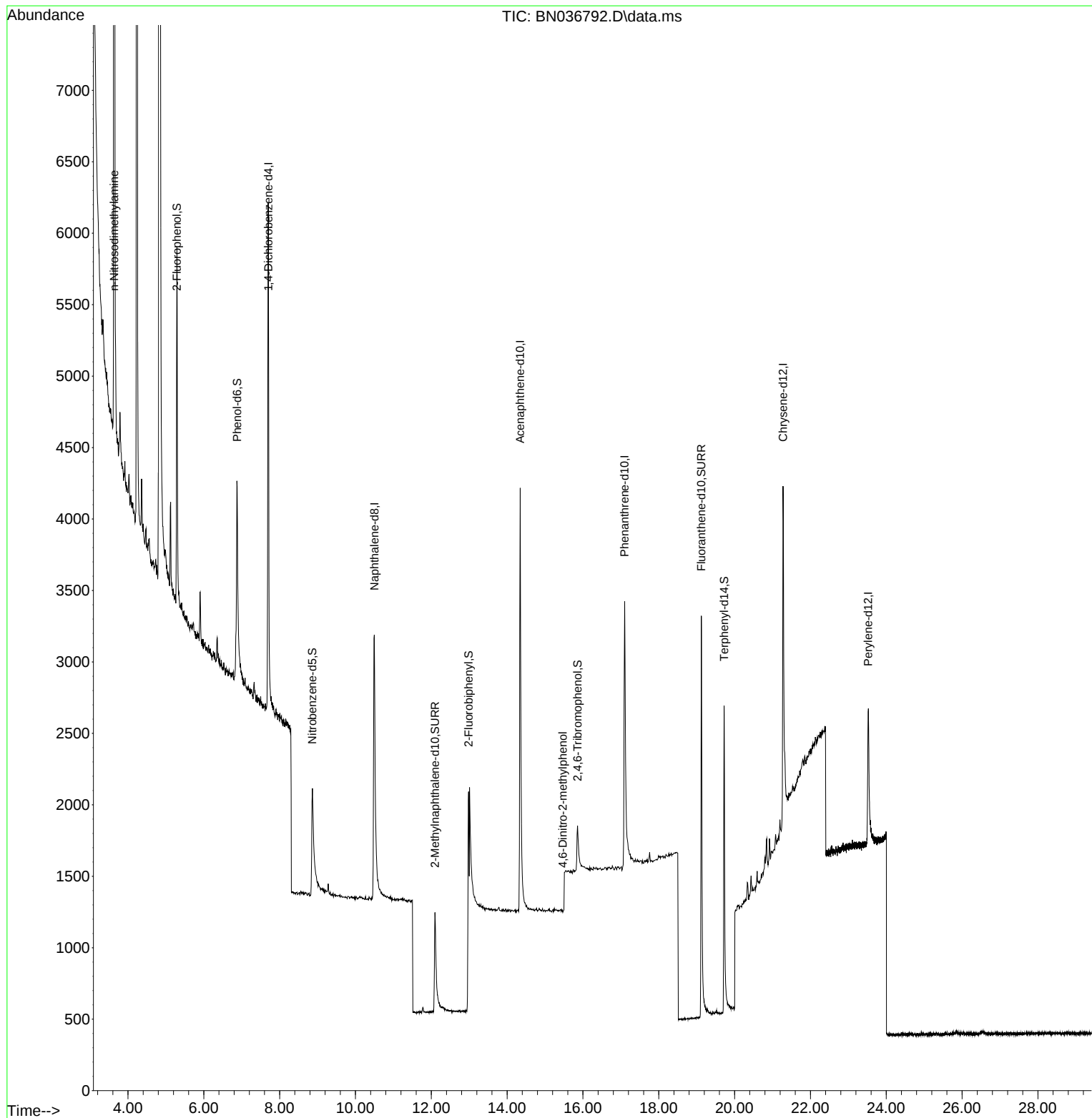
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1921	0.400	ng	-0.02
7) Naphthalene-d8	10.498	136	4330	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2411	0.400	ng	-0.02
19) Phenanthrene-d10	17.099	188	4533	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3414	0.400	ng	-0.02
35) Perylene-d12	23.525	264	1734	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1737	0.388	ng	-0.02
5) Phenol-d6	6.879	99	1887	0.341	ng	-0.02
8) Nitrobenzene-d5	8.865	82	1320	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1997	0.310	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	337	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	3733	0.266	ng	0.00
27) Fluoranthene-d10	19.123	212	4345	0.374	ng	-0.02
31) Terphenyl-d14	19.722	244	2960	0.362	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.637	42	1828	0.424	ng	# 9
20) 4,6-Dinitro-2-methylph...	15.467	198	1	0.147	ng	# 29

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

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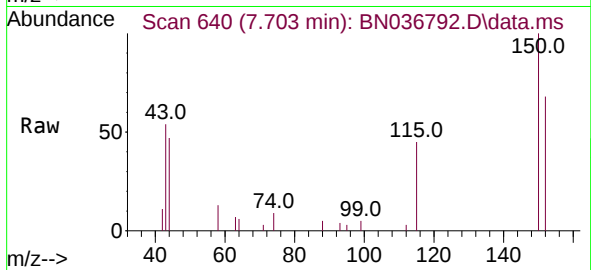
Quant Time: Mar 29 04:28:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



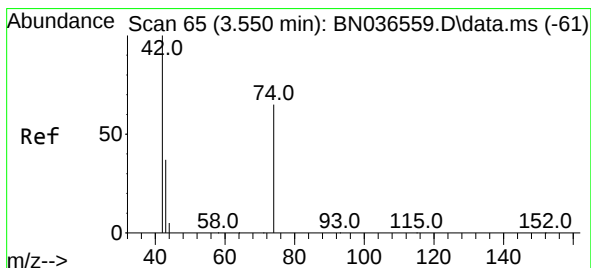
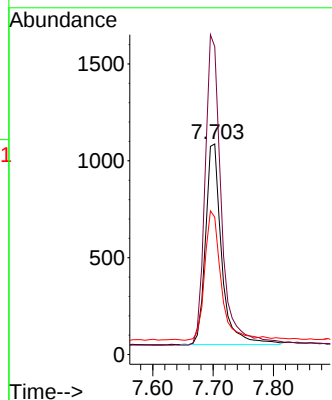
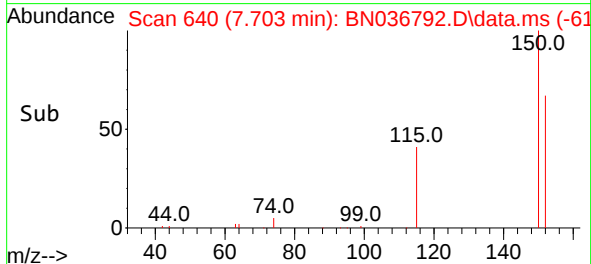


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

Instrument :
BNA_N
ClientSampleId :

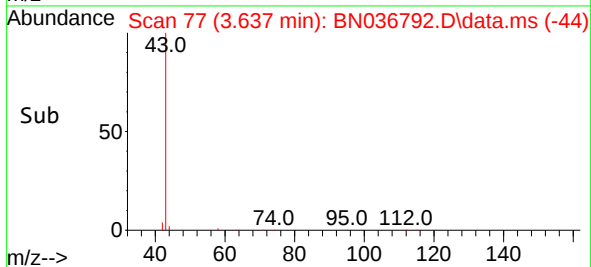
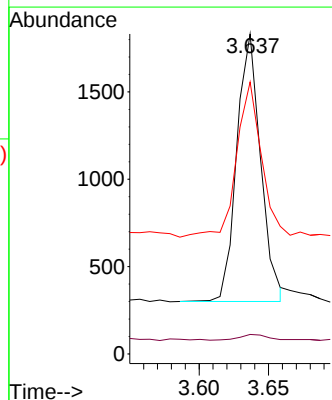
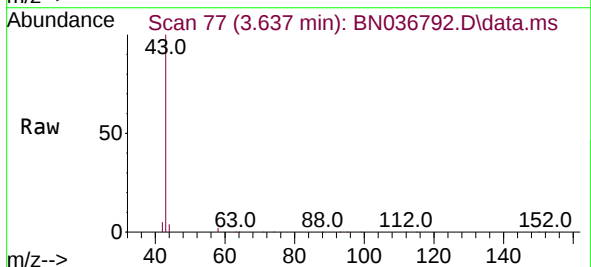


Tgt Ion:152 Resp: 1921
Ion Ratio Lower Upper
152 100
150 146.2 123.7 185.5
115 65.2 54.3 81.5



#3
n-Nitrosodimethylamine
Concen: 0.424 ng
RT: 3.637 min Scan# 77
Delta R.T. 0.087 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

Tgt Ion: 42 Resp: 1828
Ion Ratio Lower Upper
42 100
74 2.4 60.6 90.8#
44 60.0 6.3 9.5#

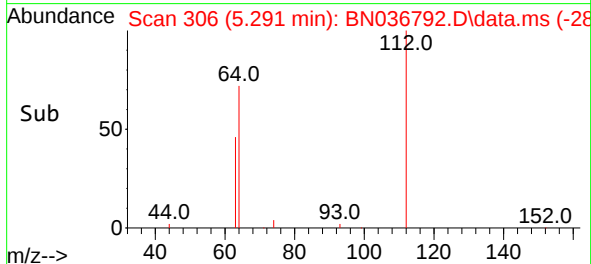
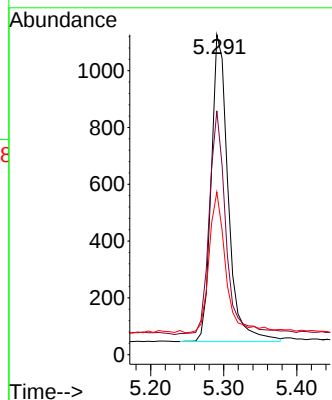
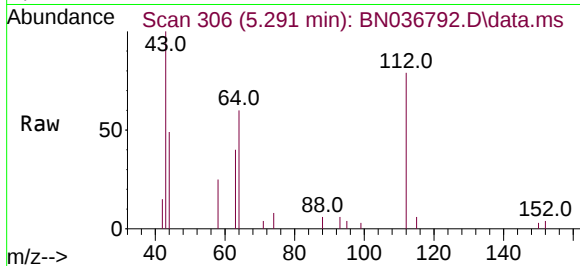




#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.291 min Scan# 309
Delta R.T. -0.021 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

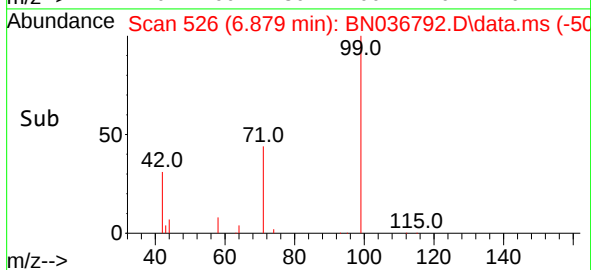
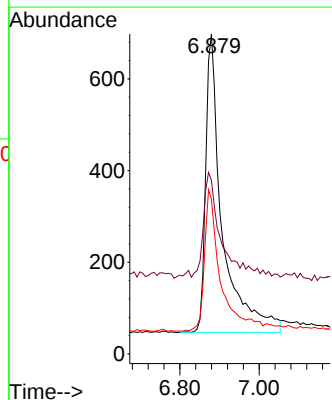
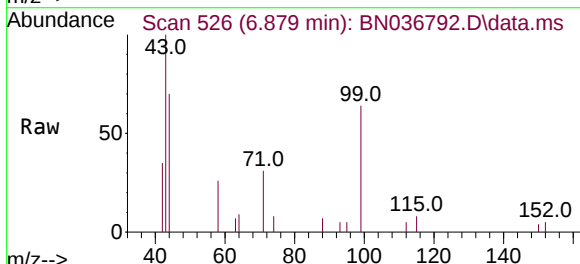
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1737
Ion Ratio Lower Upper
112 100
64 72.5 53.1 79.7
63 45.6 31.8 47.8



#5
Phenol-d6
Concen: 0.341 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.021 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

Tgt Ion: 99 Resp: 1887
Ion Ratio Lower Upper
99 100
42 37.3 26.5 39.7
71 45.5 34.1 51.1

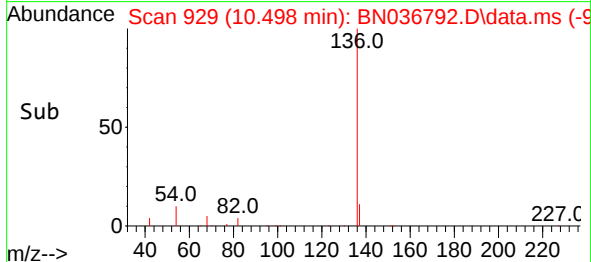
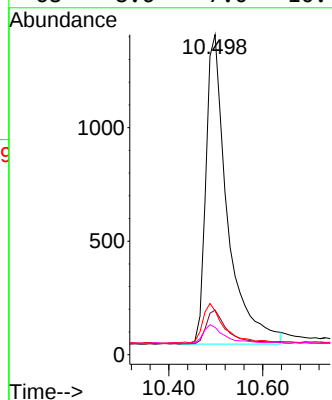
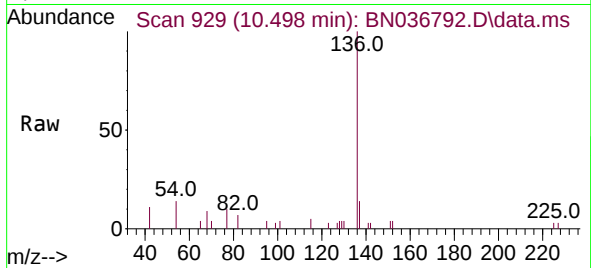




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

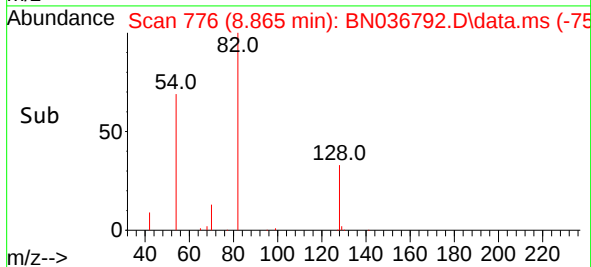
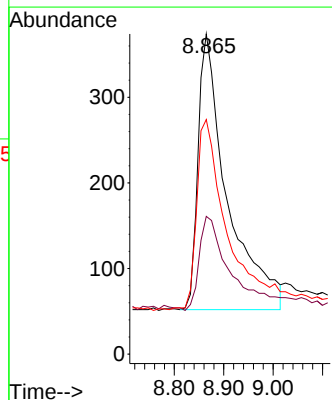
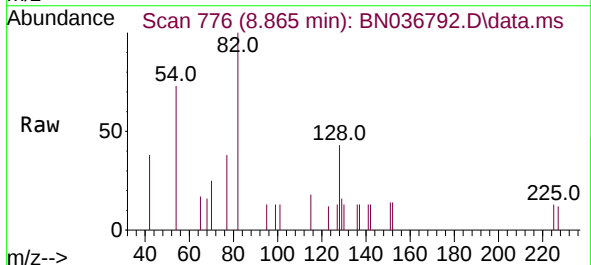
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136	Resp:	4330
Ion	Ratio	Lower Upper
136	100	
137	13.9	10.3 15.5
54	13.7	11.5 17.3
68	8.6	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.010 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

Tgt Ion: 82	Resp:	1320
Ion	Ratio	Lower Upper
82	100	
128	43.0	30.6 45.8
54	73.3	52.2 78.4

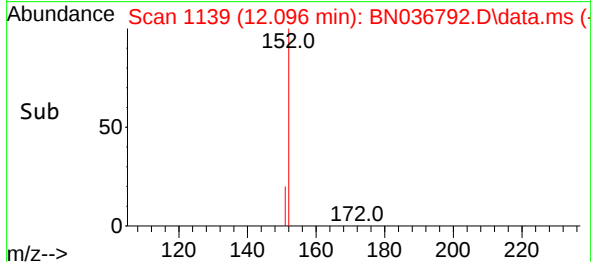
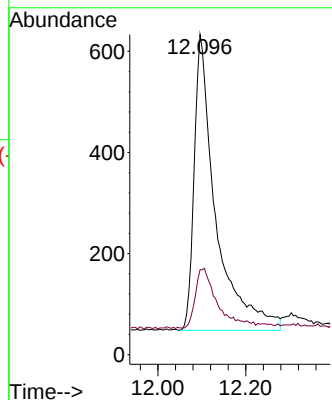
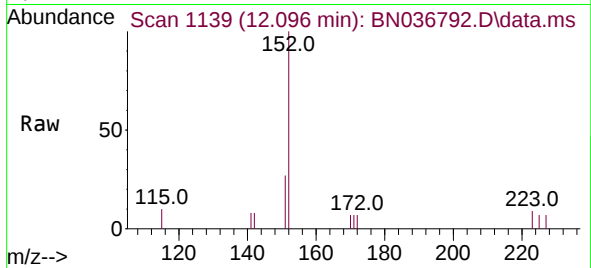




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.096 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

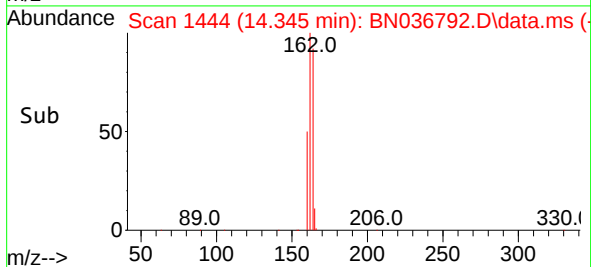
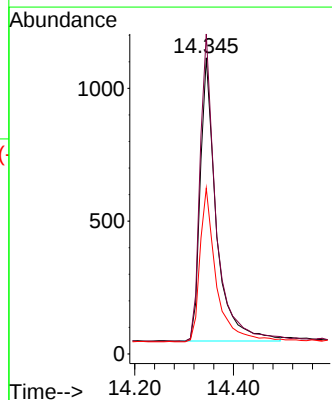
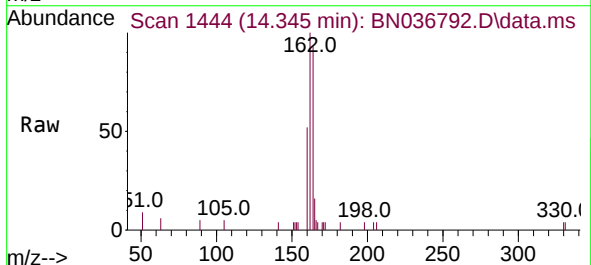
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1997
Ion Ratio Lower Upper
152 100
151 20.6 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: BN036792.D
Acq: 29 Mar 2025 03:20

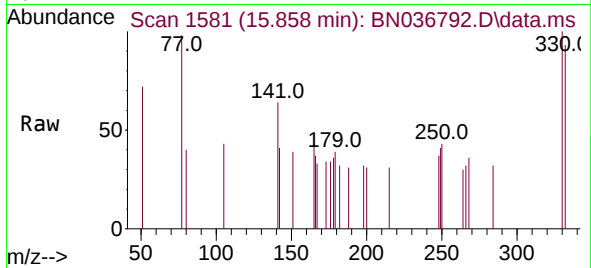
Tgt Ion:164 Resp: 2411
Ion Ratio Lower Upper
164 100
162 108.1 84.2 126.2
160 56.0 42.2 63.2



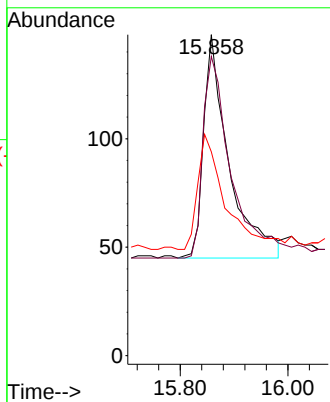
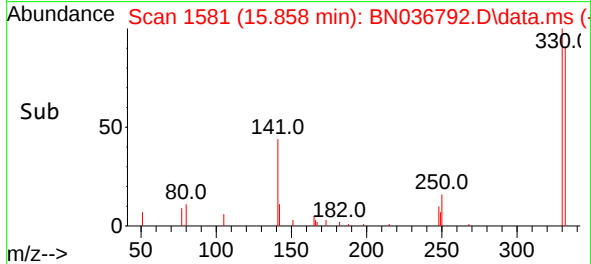


#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

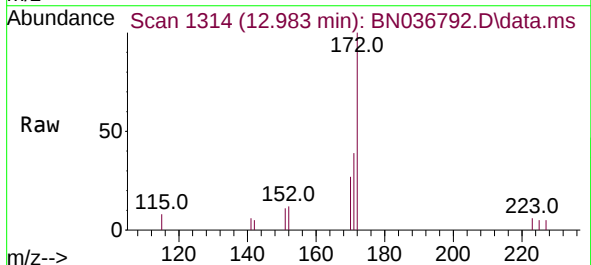
Instrument :
BNA_N
ClientSampleId :



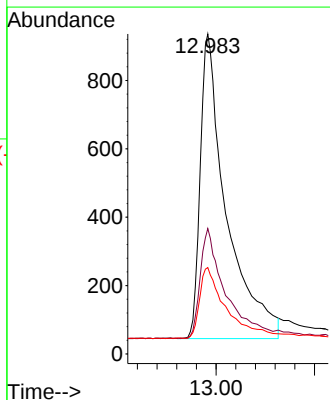
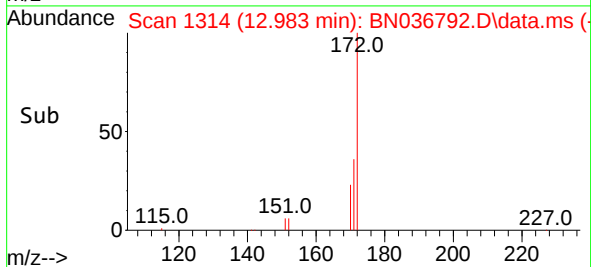
Tgt Ion:330 Resp: 337
Ion Ratio Lower Upper
330 100
332 99.1 75.2 112.8
141 55.5 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20



Tgt Ion:172 Resp: 3733
Ion Ratio Lower Upper
172 100
171 39.2 29.5 44.3
170 27.0 20.2 30.4

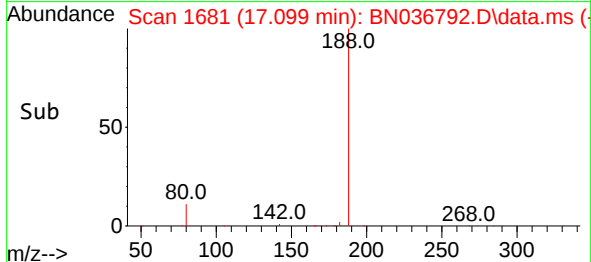
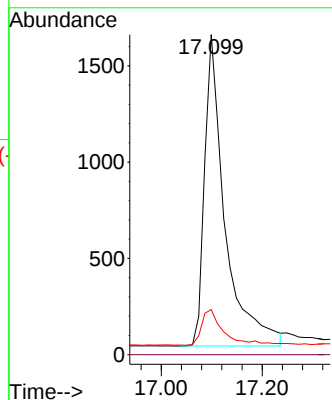
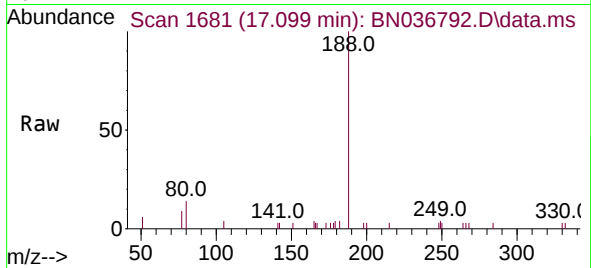




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

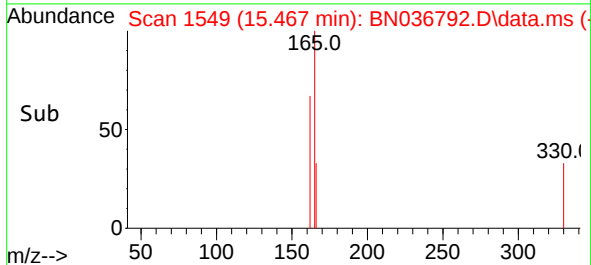
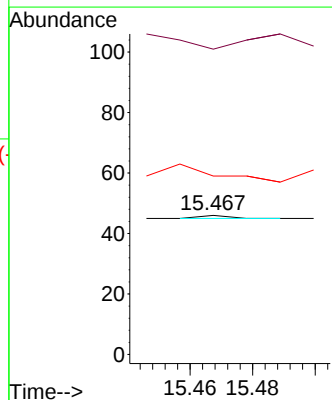
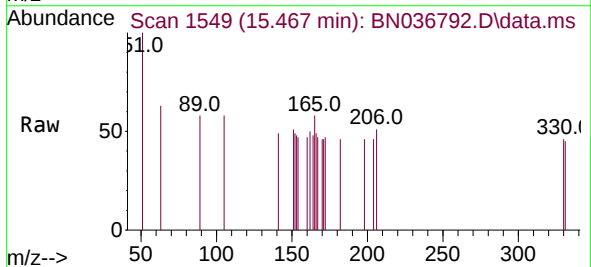
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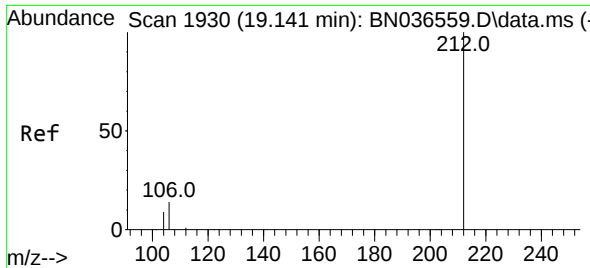
Tgt Ion:188 Resp: 4533
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.467 min Scan# 1549
Delta R.T. -0.032 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

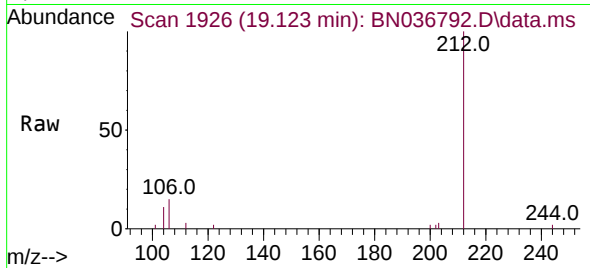
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 219.6 107.9 161.9#
105 128.3 56.2 84.2#



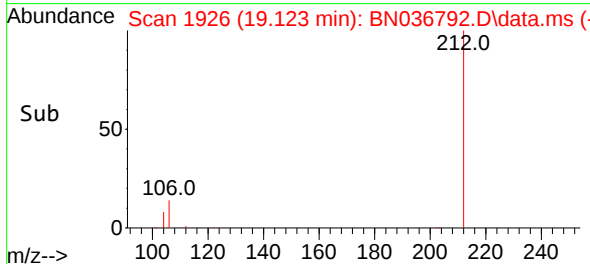
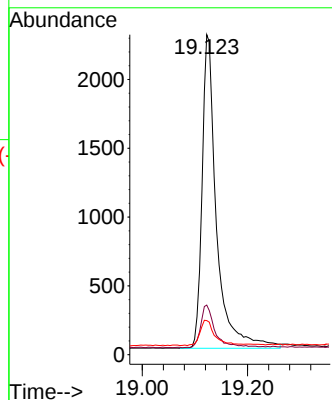


#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.123 min Scan# 19
Delta R.T. -0.018 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

Instrument :
BNA_N
ClientSampleId :

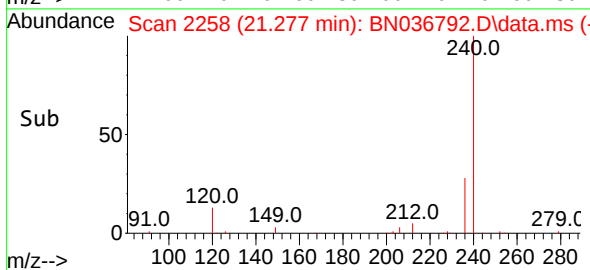
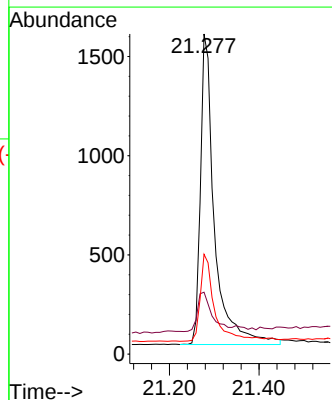
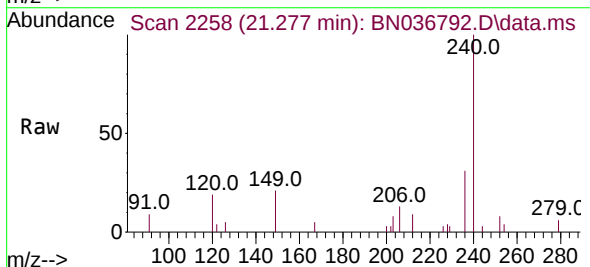


Tgt Ion:212 Resp: 4345
Ion Ratio Lower Upper
212 100
106 13.7 11.8 17.6
104 8.2 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036792.D
Acq: 29 Mar 2025 03:20

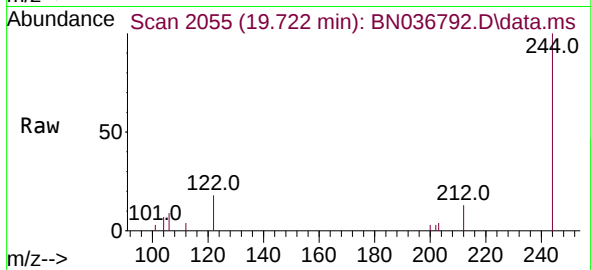
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Ion Ratio Lower Upper
240 100
120 19.3 14.6 22.0
236 31.2 24.1 36.1



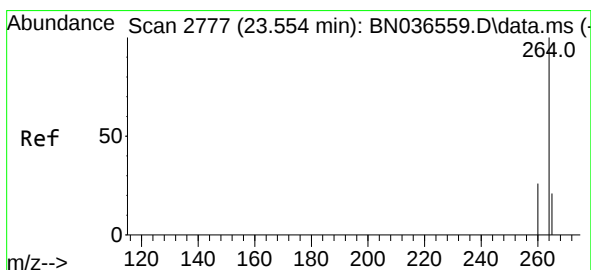
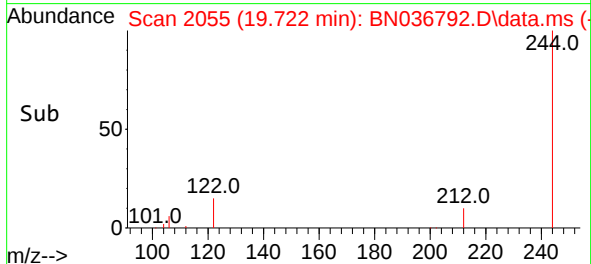
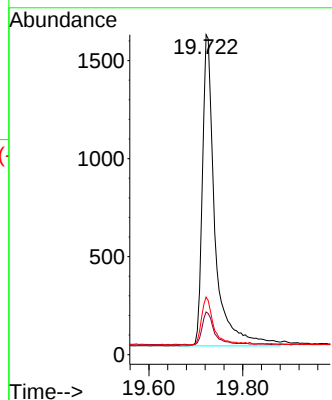


#31
 Terphenyl-d14
 Concen: 0.362 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036792.D
 Acq: 29 Mar 2025 03:20

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:244 Resp: 2960
 Ion Ratio Lower Upper
 244 100
 212 13.4 9.6 14.4
 122 18.0 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: BN036792.D
 Acq: 29 Mar 2025 03:20

Tgt Ion:264 Resp: 1734
 Ion Ratio Lower Upper
 264 100
 260 32.0 22.6 33.8
 265 160.8 88.1 132.1#

