

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036765.D
 Acq On : 28 Mar 2025 08:34
 Operator : RC/JU
 Sample : Q1608-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20250318

Quant Time: Mar 28 09:00:06 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)

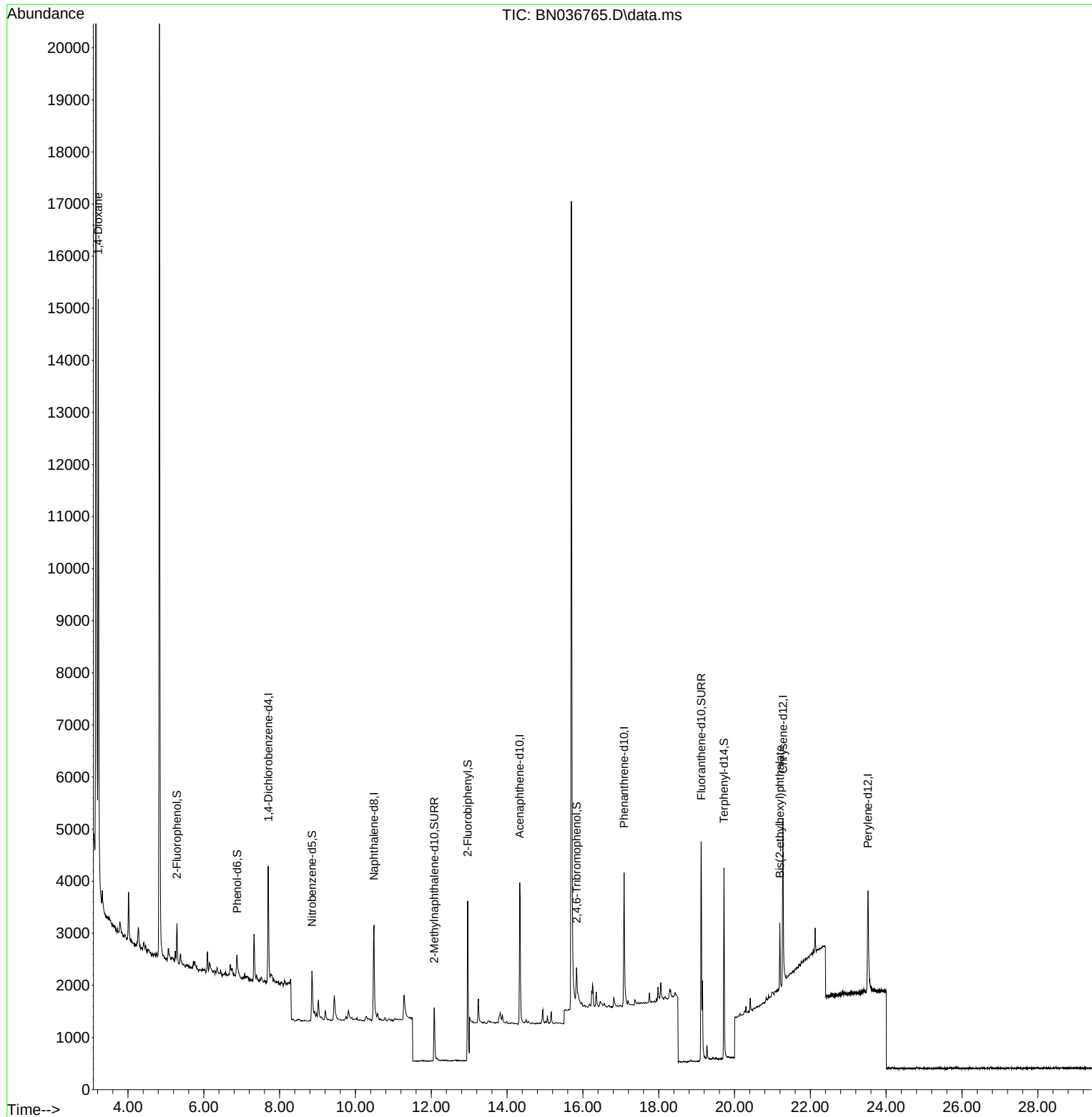
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1105	0.400	ng	-0.02
7) Naphthalene-d8	10.488	136	2727	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	1743	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	3887	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3482	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3032	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	548	0.213	ng	-0.02
5) Phenol-d6	6.879	99	388	0.122	ng	-0.02
8) Nitrobenzene-d5	8.854	82	1039	0.350	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1673	0.412	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	433	0.547	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	4070	0.401	ng	-0.03
27) Fluoranthene-d10	19.122	212	5184	0.520	ng	-0.02
31) Terphenyl-d14	19.722	244	3691	0.442	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.218	88	5626	4.590	ng	93
34) Bis(2-ethylhexyl)phtha...	21.196	149	1205	0.140	ng	97

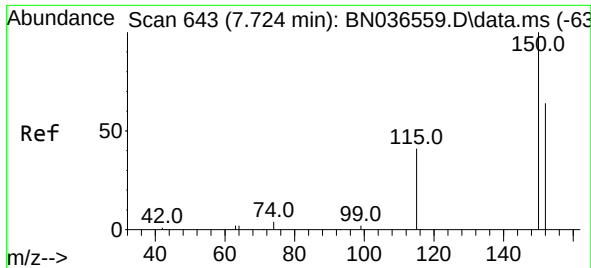
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

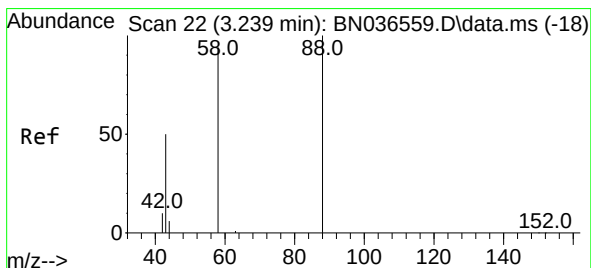
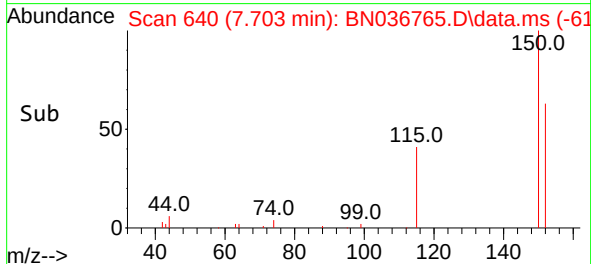
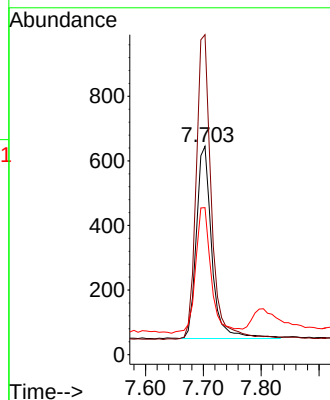
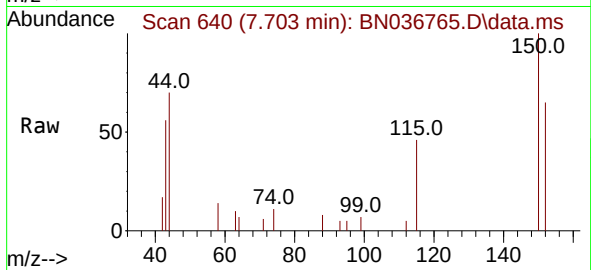




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036765.D
 Acq: 28 Mar 2025 08:34

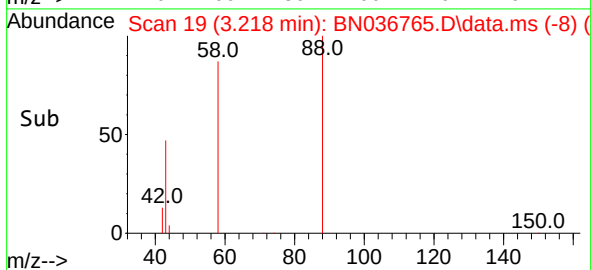
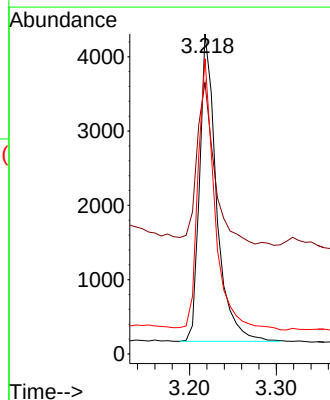
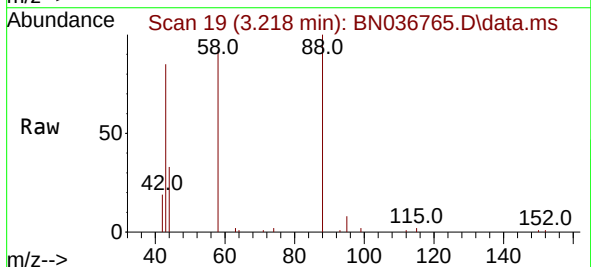
Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20250318

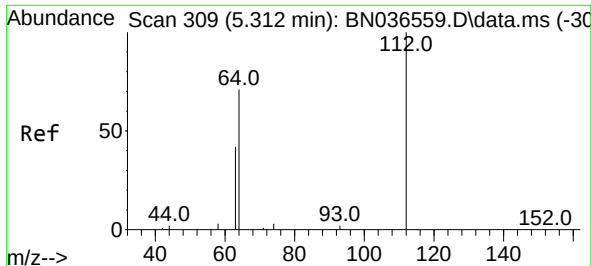
Tgt Ion:152 Resp: 1105
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.7 185.5
 115 70.5 54.3 81.5



#2
 1,4-Dioxane
 Concen: 4.590 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036765.D
 Acq: 28 Mar 2025 08:34

Tgt Ion: 88 Resp: 5626
 Ion Ratio Lower Upper
 88 100
 43 56.6 37.8 56.8
 58 87.7 67.4 101.2

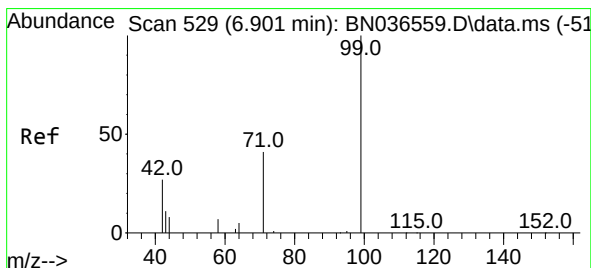
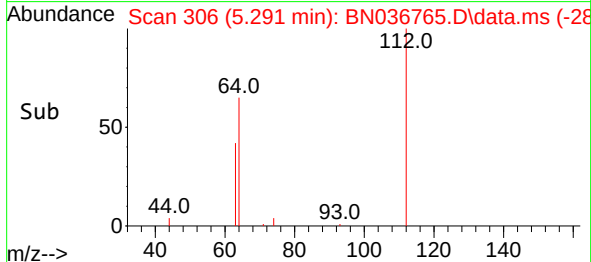
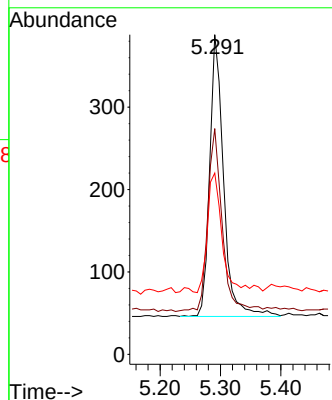
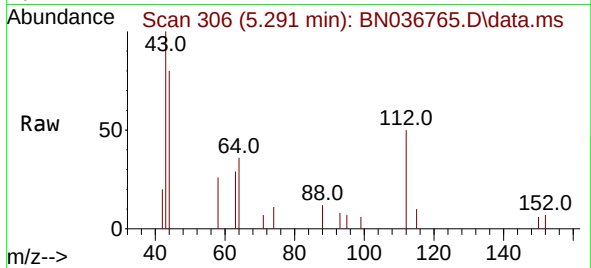




#4
2-Fluorophenol
Concen: 0.213 ng
RT: 5.291 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

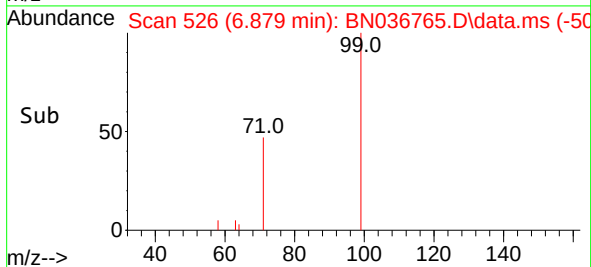
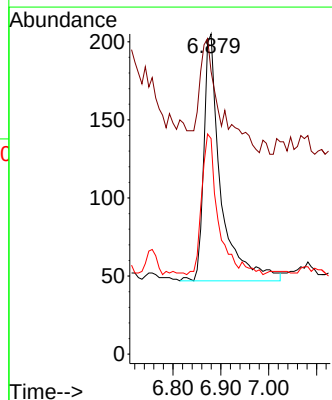
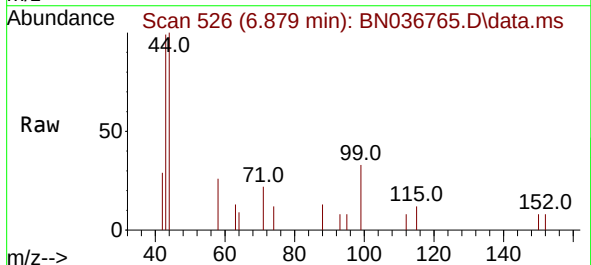
Instrument :
BNA_N
ClientSampleId :
RE132D1-20250318

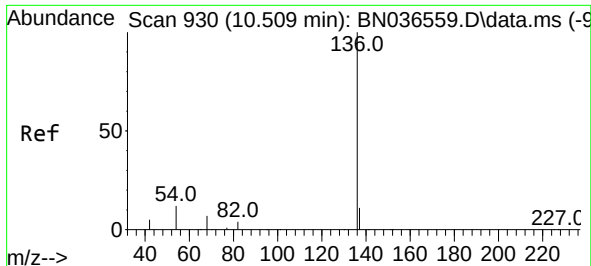
Tgt Ion:112 Resp: 548
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 46.4 31.8 47.8



#5
Phenol-d6
Concen: 0.122 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

Tgt Ion: 99 Resp: 388
Ion Ratio Lower Upper
99 100
42 54.9 26.5 39.7#
71 52.8 34.1 51.1#

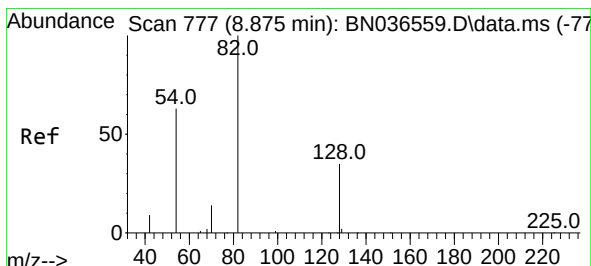
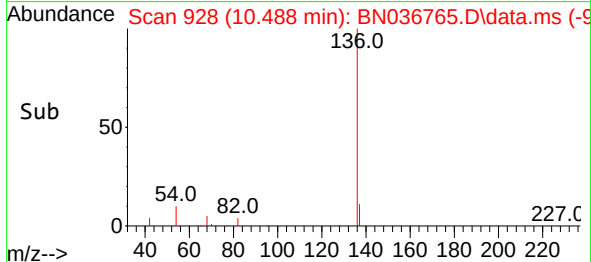
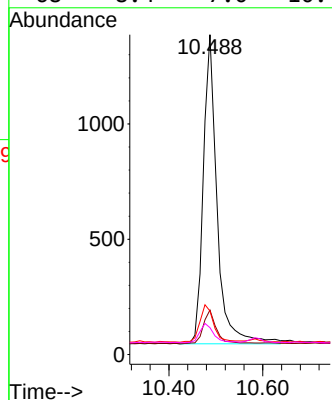
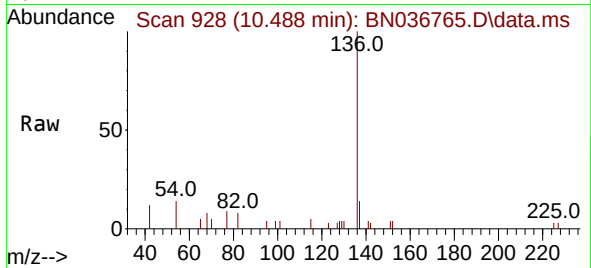




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

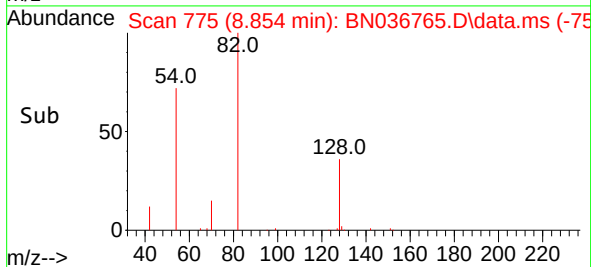
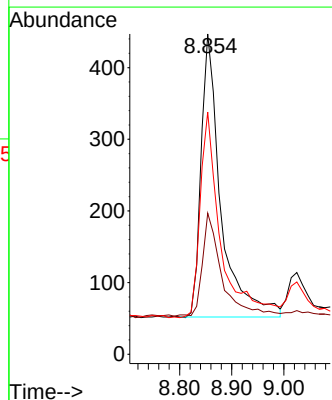
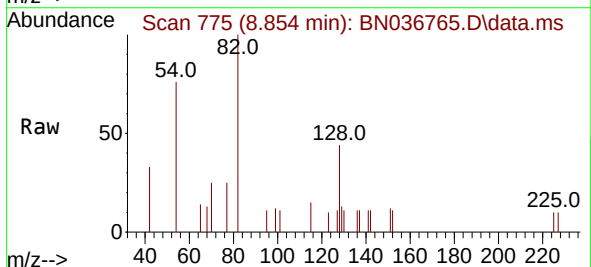
Instrument :
BNA_N
ClientSampleId :
RE132D1-20250318

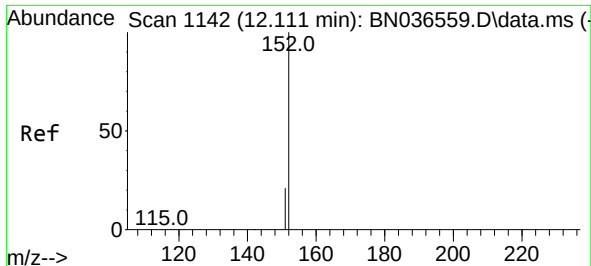
Tgt Ion:	136	Resp:	2727
Ion	Ratio	Lower	Upper
136	100		
137	13.9	10.3	15.5
54	13.6	11.5	17.3
68	8.4	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

Tgt Ion:	82	Resp:	1039
Ion	Ratio	Lower	Upper
82	100		
128	44.1	30.6	45.8
54	75.6	52.2	78.4

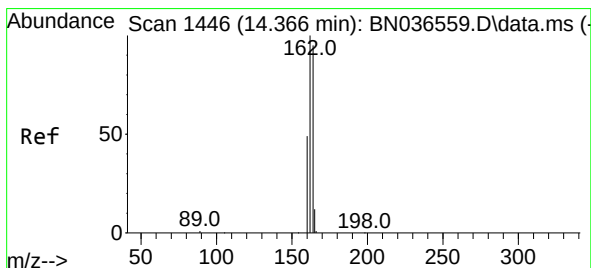
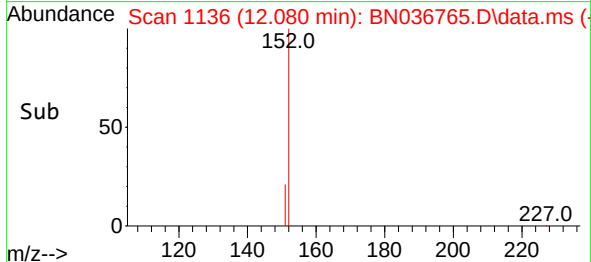
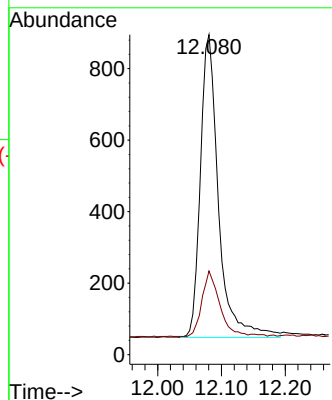
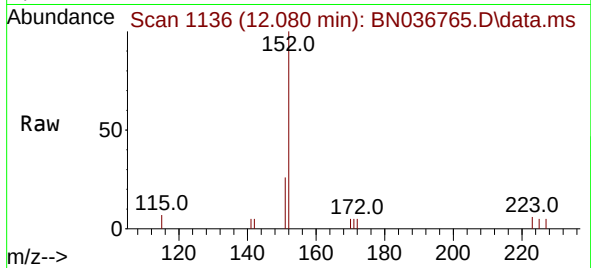




#11
2-Methylnaphthalene-d10
Concen: 0.412 ng
RT: 12.080 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

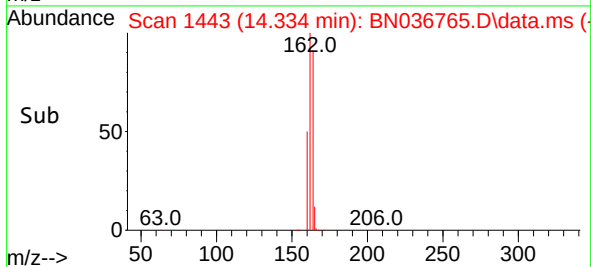
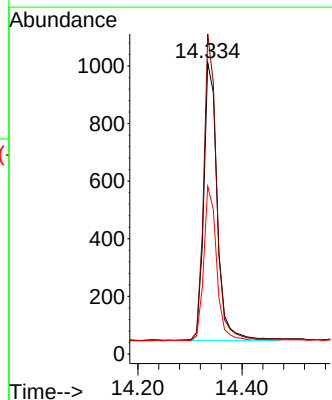
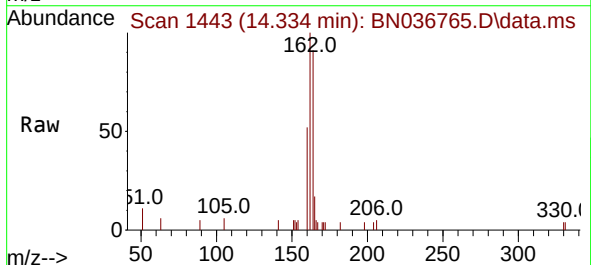
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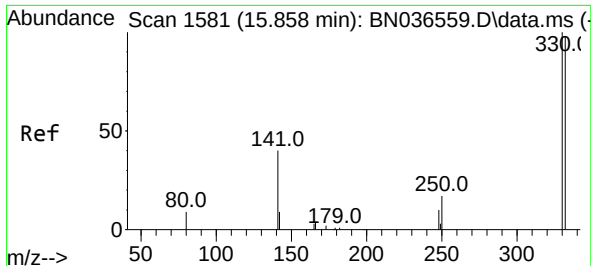
Tgt Ion:152 Resp: 1673
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

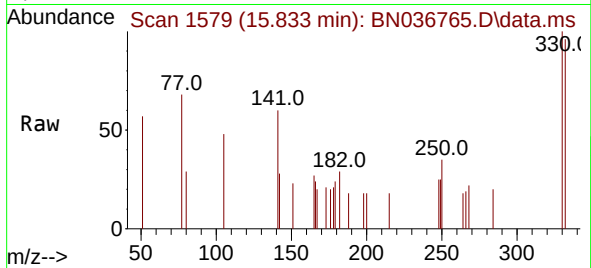
Tgt Ion:164 Resp: 1743
Ion Ratio Lower Upper
164 100
162 109.9 84.2 126.2
160 57.6 42.2 63.2



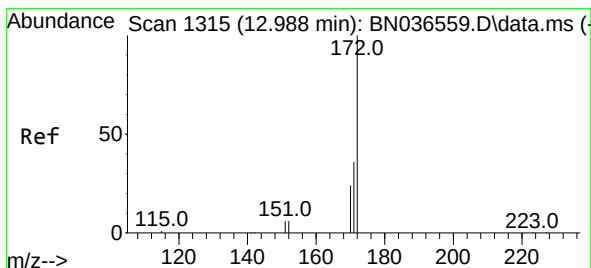
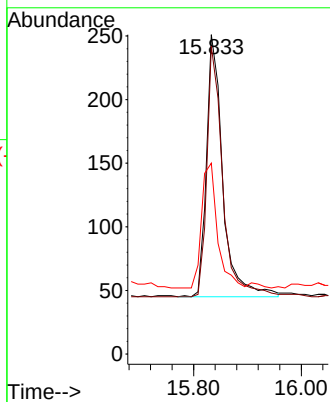
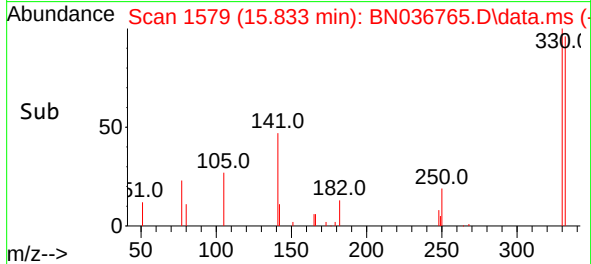


#14
2,4,6-Tribromophenol
Concen: 0.547 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

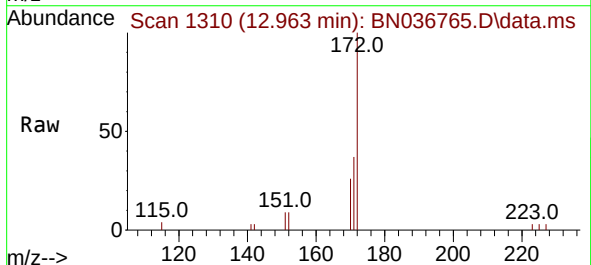
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BNA_N
ClientSampleId :
RE132D1-20250318



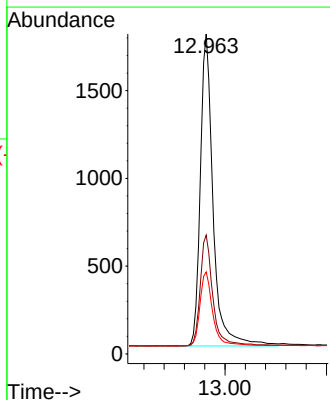
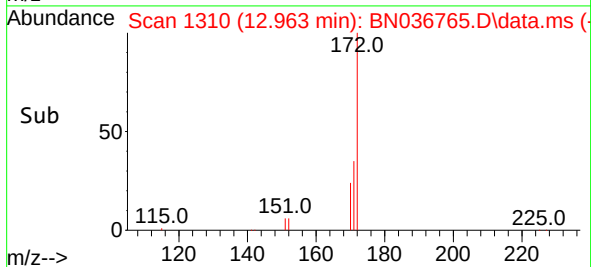
Tgt Ion:330 Resp: 433
Ion Ratio Lower Upper
330 100
332 92.6 75.2 112.8
141 46.2 43.4 65.2

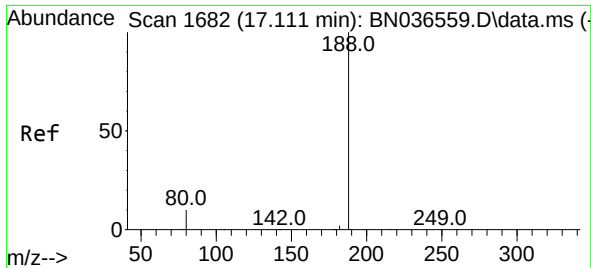


#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34



Tgt Ion:172 Resp: 4070
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 25.6 20.2 30.4

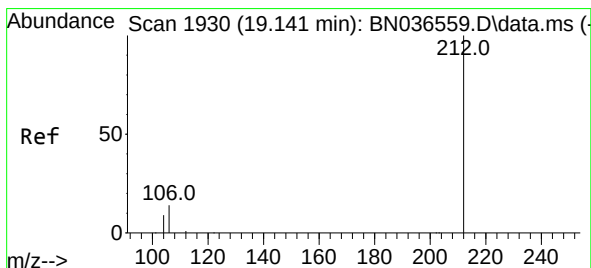
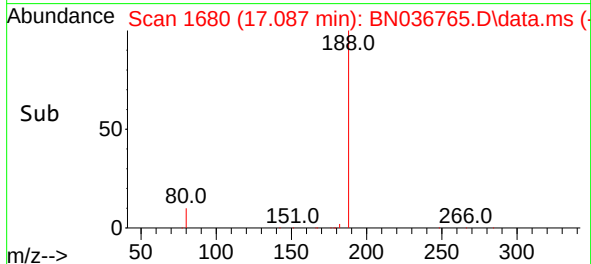
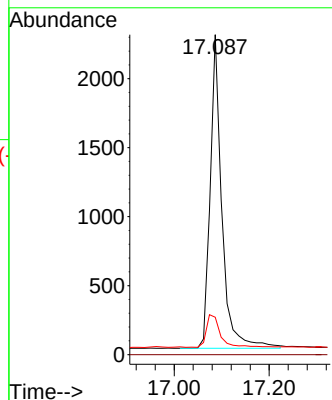
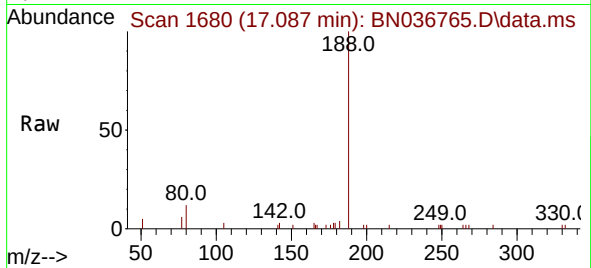




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

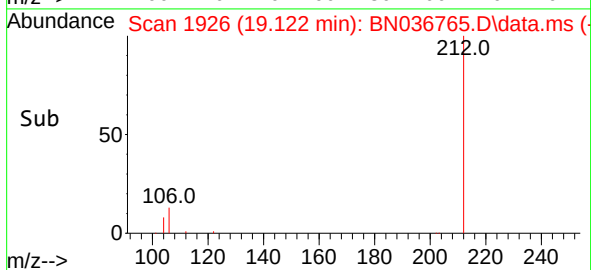
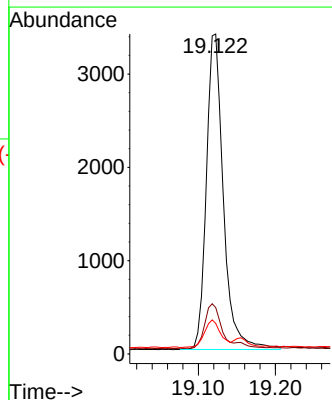
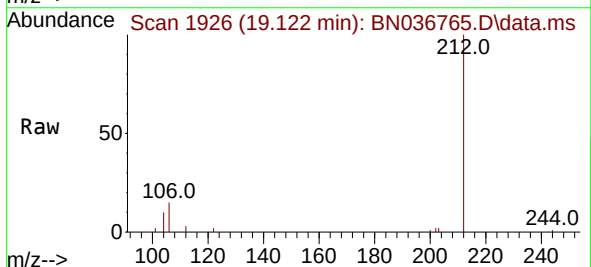
Instrument :
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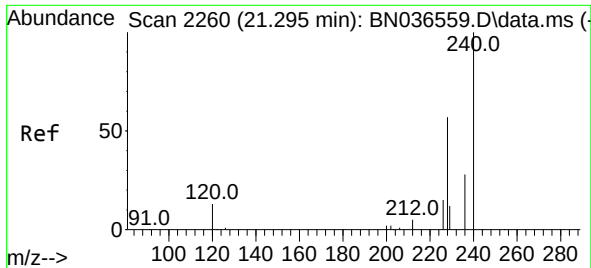
Tgt Ion:188 Resp: 3887
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.520 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

Tgt Ion:212 Resp: 5184
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.6
104 8.3 7.3 10.9

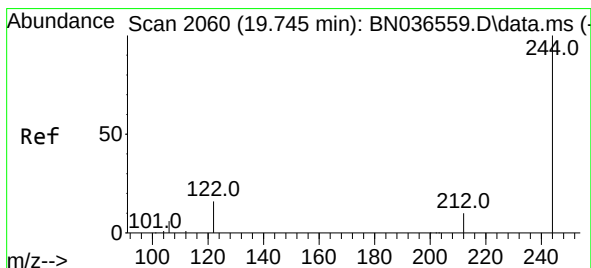
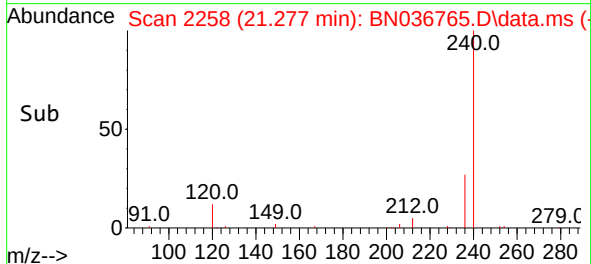
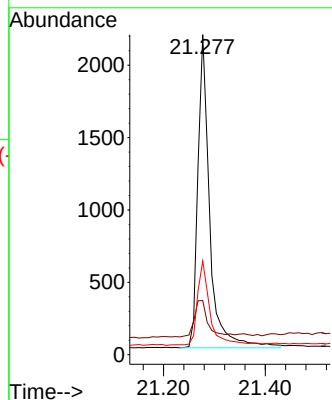
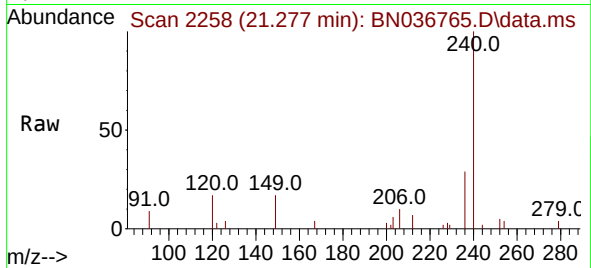




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

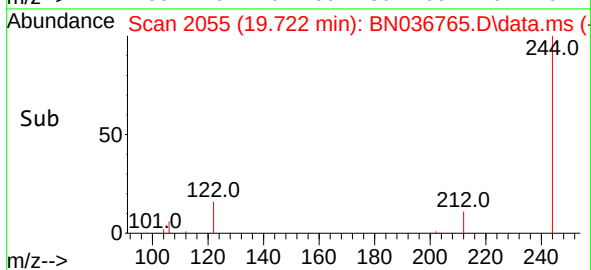
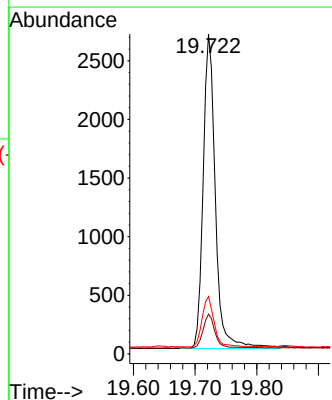
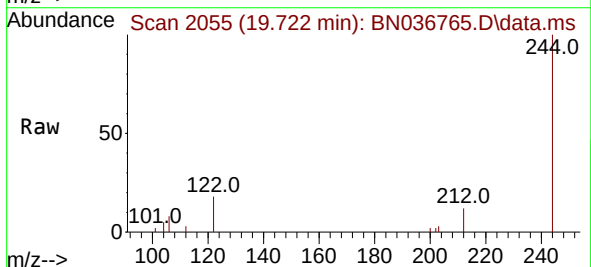
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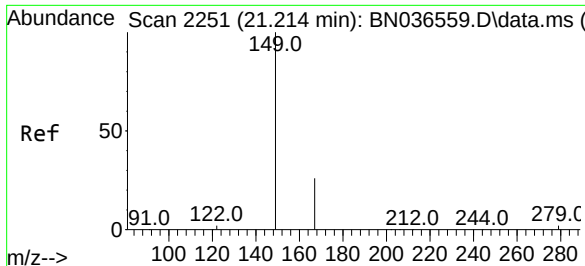
Tgt Ion:240 Resp: 3482
Ion Ratio Lower Upper
240 100
120 16.9 14.6 22.0
236 29.3 24.1 36.1



#31
Terphenyl-d14
Concen: 0.442 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036765.D
Acq: 28 Mar 2025 08:34

Tgt Ion:244 Resp: 3691
Ion Ratio Lower Upper
244 100
212 12.5 9.6 14.4
122 18.0 13.9 20.9

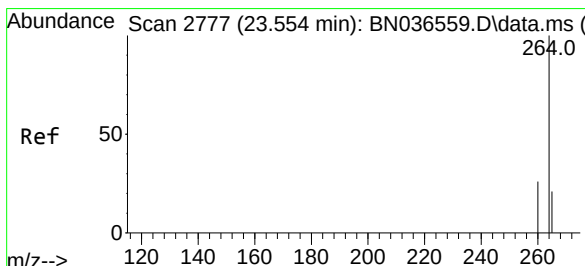
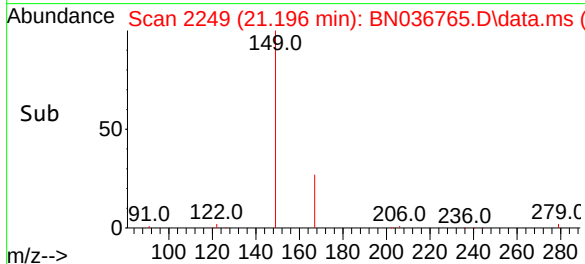
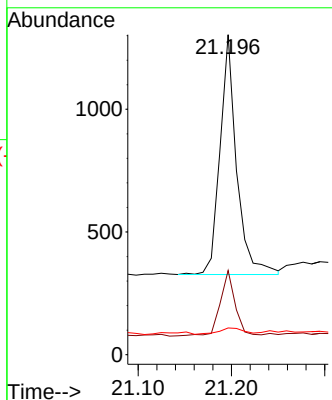
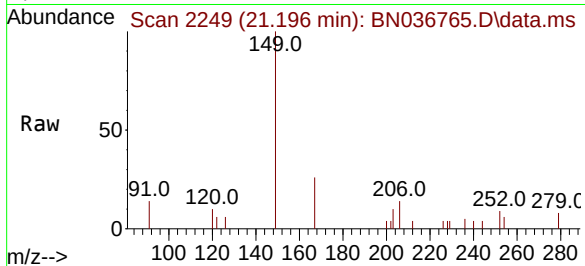




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.140 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036765.D
 Acq: 28 Mar 2025 08:34

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:149 Resp: 1205
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.7 31.1
 279 3.9 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 2765
 Delta R.T. -0.035 min
 Lab File: BN036765.D
 Acq: 28 Mar 2025 08:34

Tgt Ion:264 Resp: 3032
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.6 33.8
 265 94.6 88.1 132.1

