

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036776.D
 Acq On : 28 Mar 2025 17:02
 Operator : RC/JU
 Sample : Q1608-14DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20250318DL

Quant Time: Mar 28 18:22:55 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)

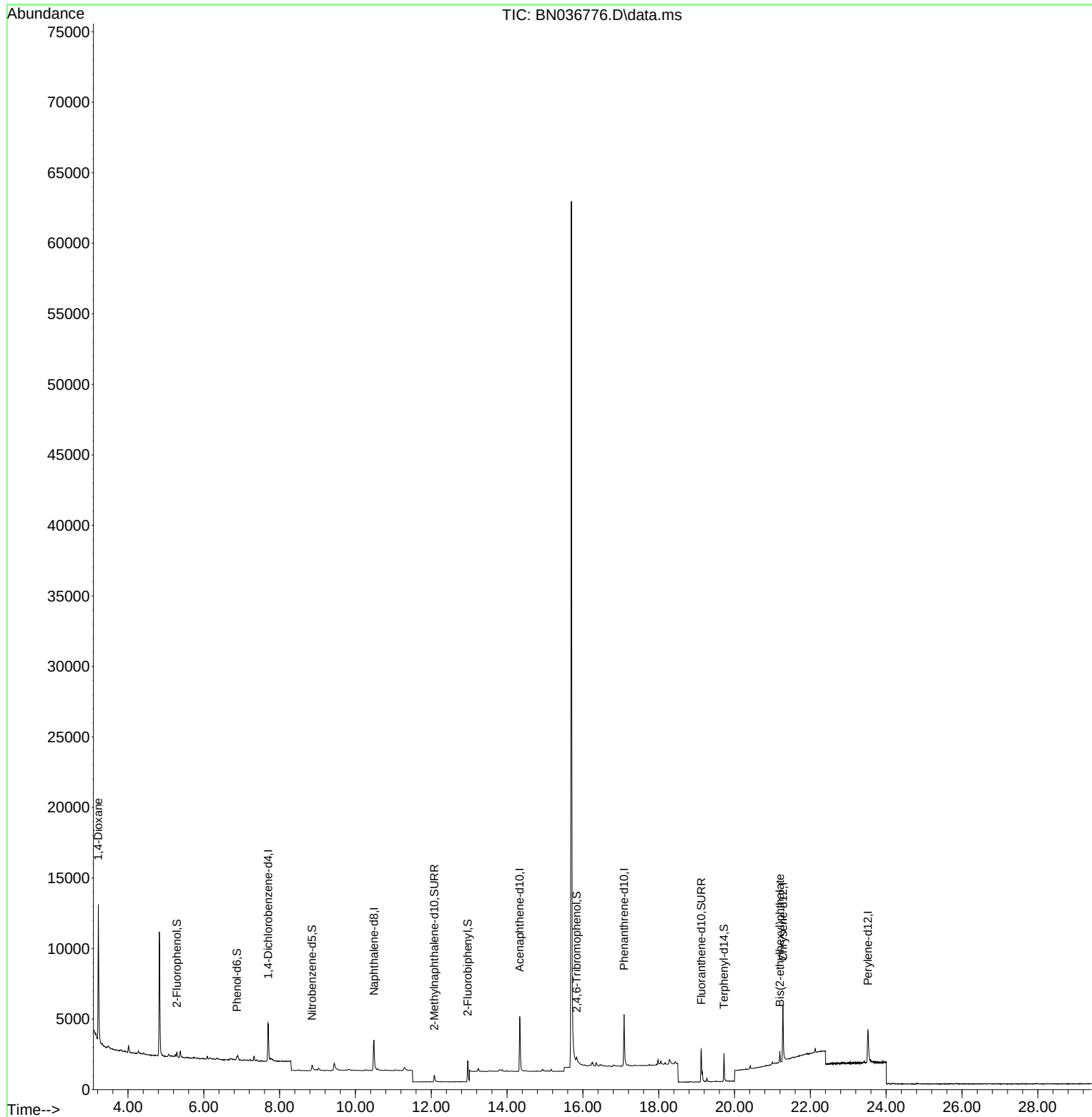
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1407	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	3418	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2412	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5434	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4284	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3735	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	281	0.086	ng	-0.02
5) Phenol-d6	6.872	99	214	0.053	ng	-0.03
8) Nitrobenzene-d5	8.854	82	518	0.139	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	826	0.162	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	238	0.217	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	1986	0.142	ng	-0.03
27) Fluoranthene-d10	19.122	212	2855	0.205	ng	-0.02
31) Terphenyl-d14	19.722	244	2030	0.198	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	5017	3.214	ng	93
34) Bis(2-ethylhexyl)phtha...	21.196	149	798	0.075	ng	99

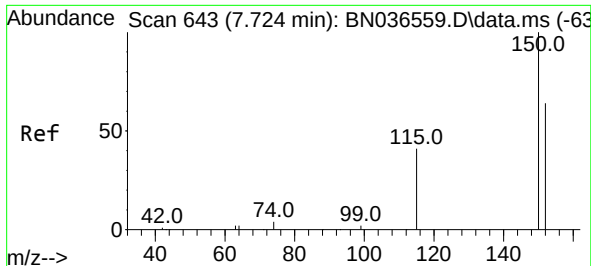
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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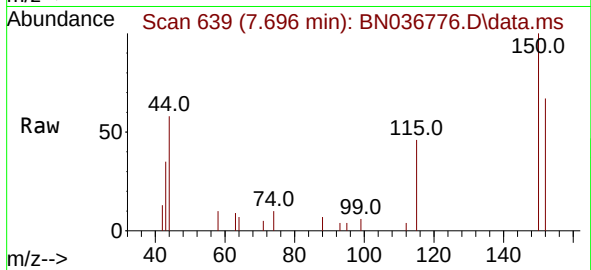
Quant Time: Mar 28 18:22:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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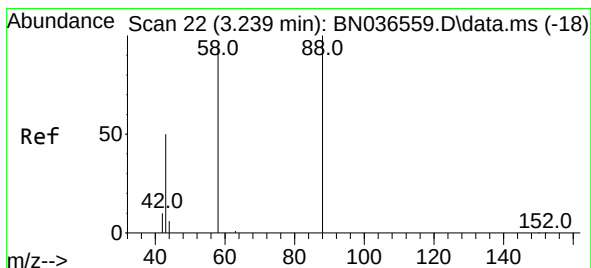
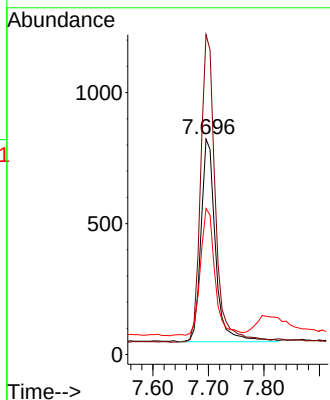
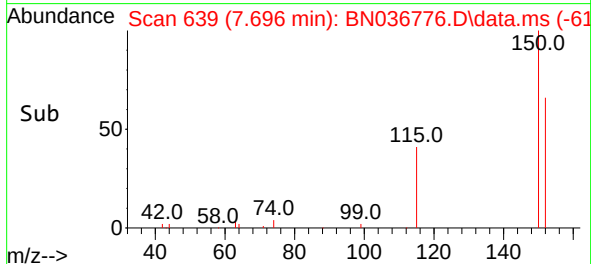


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036776.D
 Acq: 28 Mar 2025 17:02

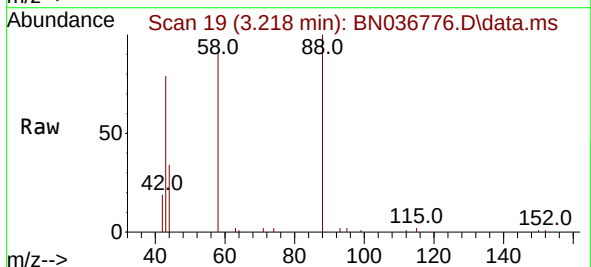
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20250318DL



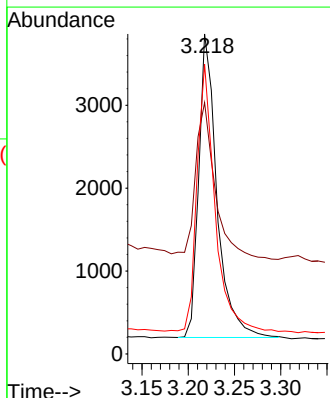
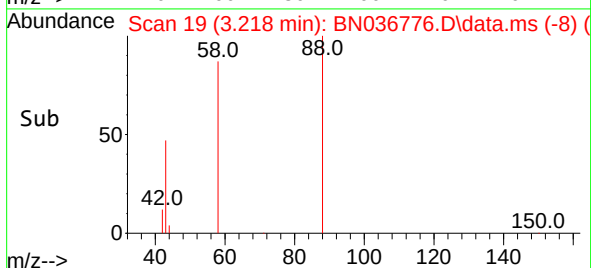
Tgt Ion:152 Resp: 1407
 Ion Ratio Lower Upper
 152 100
 150 148.5 123.7 185.5
 115 67.9 54.3 81.5

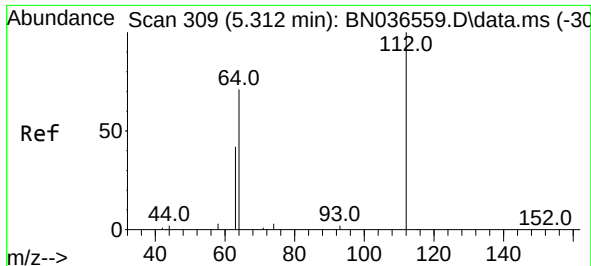


#2
 1,4-Dioxane
 Concen: 3.214 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036776.D
 Acq: 28 Mar 2025 17:02



Tgt Ion: 88 Resp: 5017
 Ion Ratio Lower Upper
 88 100
 43 56.5 37.8 56.8
 58 87.0 67.4 101.2

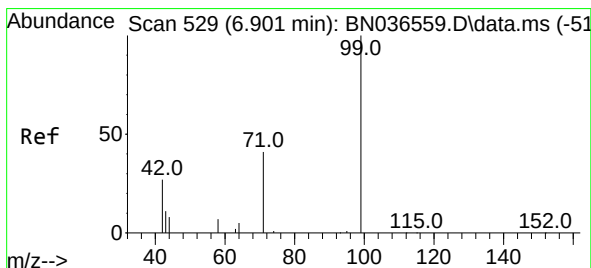
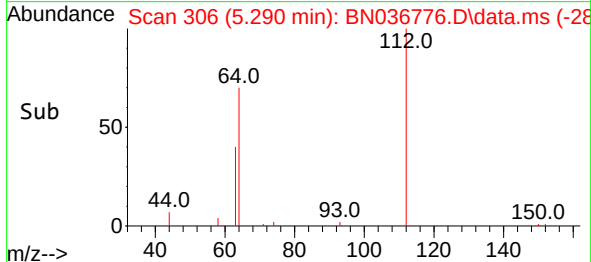
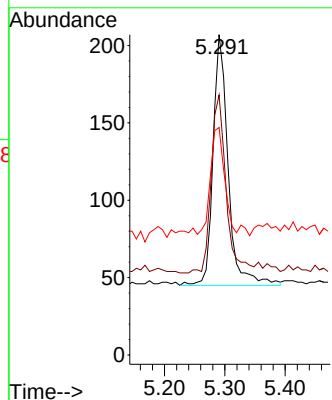
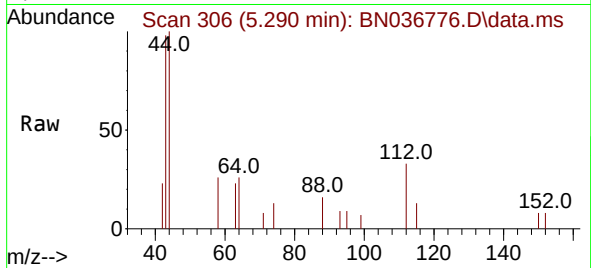




#4
2-Fluorophenol
Concen: 0.086 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

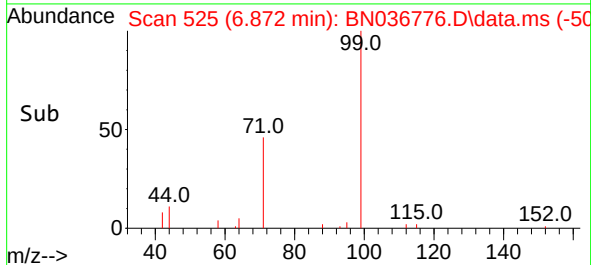
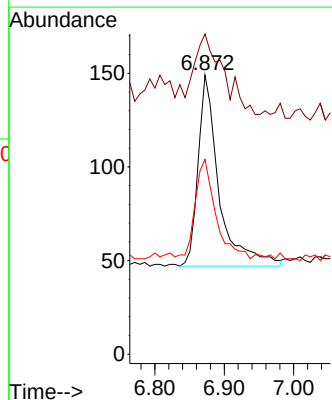
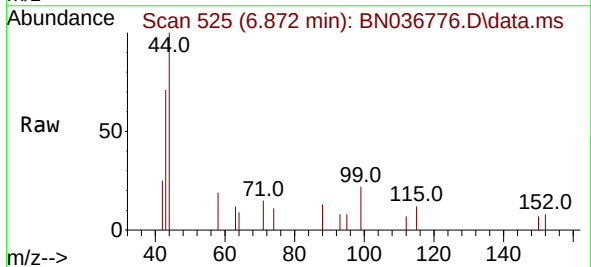
Instrument :
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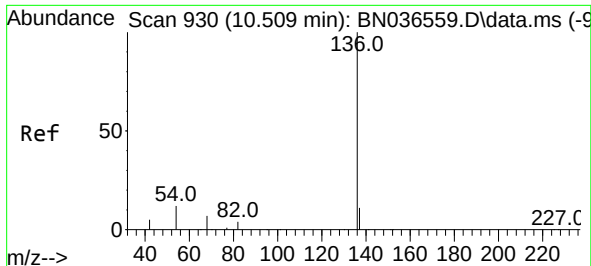
Tgt Ion:112 Resp: 281
Ion Ratio Lower Upper
112 100
64 70.5 53.1 79.7
63 40.6 31.8 47.8



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion: 99 Resp: 214
Ion Ratio Lower Upper
99 100
42 57.9 26.5 39.7#
71 50.5 34.1 51.1

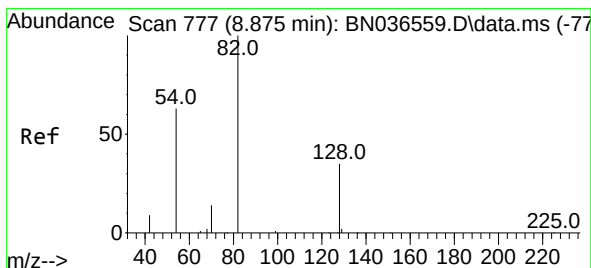
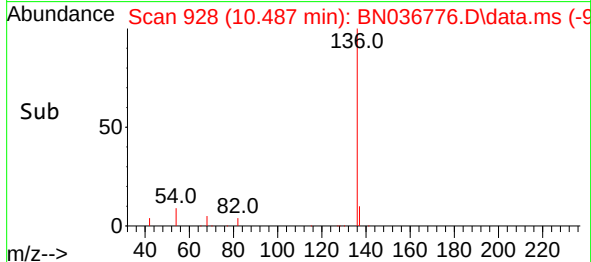
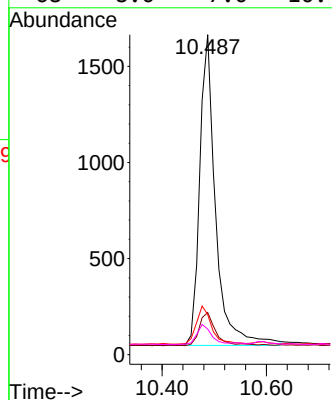
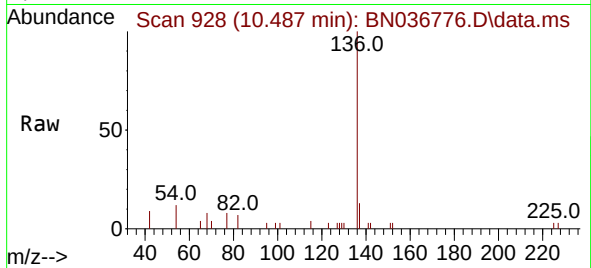




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

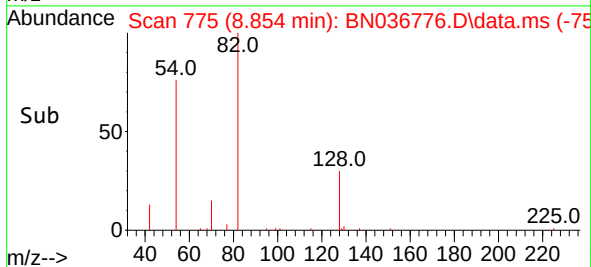
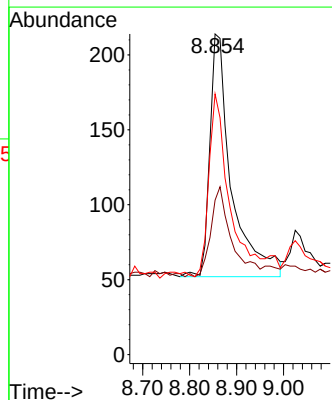
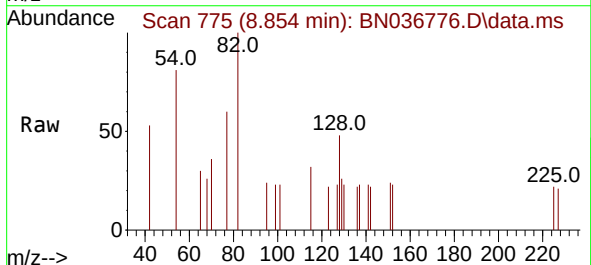
Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318DL

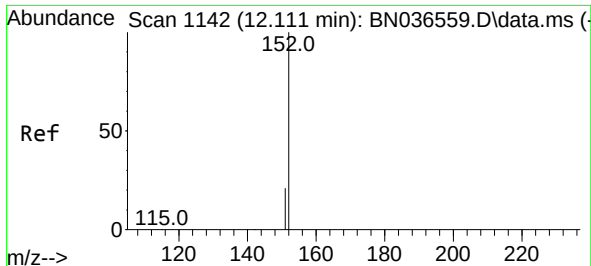
Tgt Ion:	136	Resp:	3418
Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.3	15.5
54	12.5	11.5	17.3
68	8.0	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.139 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion:	82	Resp:	518
Ion	Ratio	Lower	Upper
82	100		
128	48.1	30.6	45.8#
54	81.3	52.2	78.4#

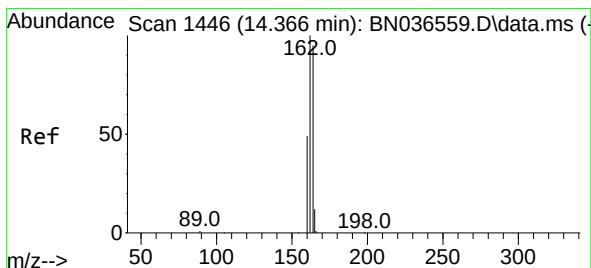
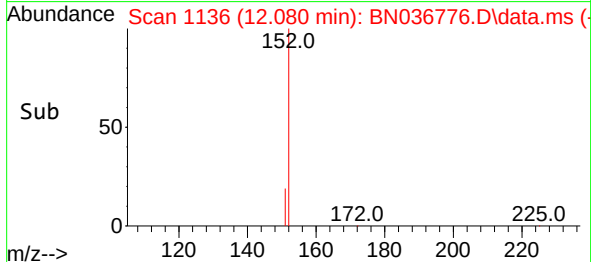
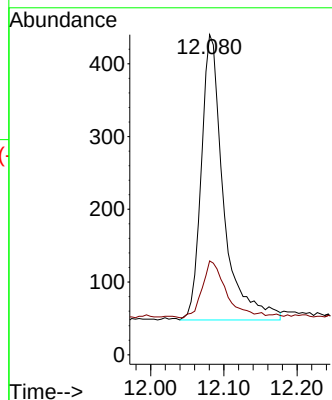
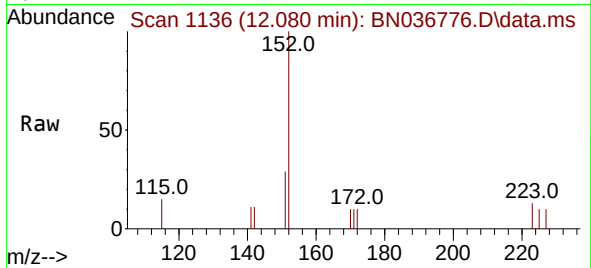




#11
2-Methylnaphthalene-d10
Concen: 0.162 ng
RT: 12.080 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

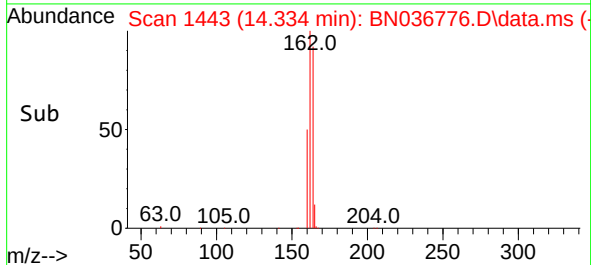
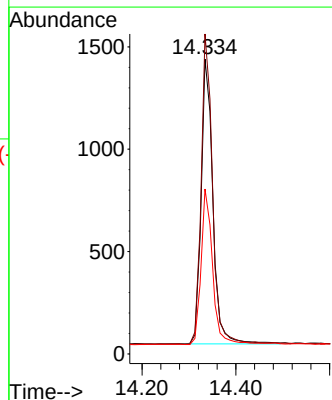
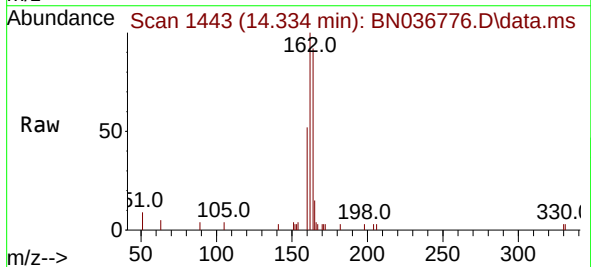
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RE132D2-20250318DL

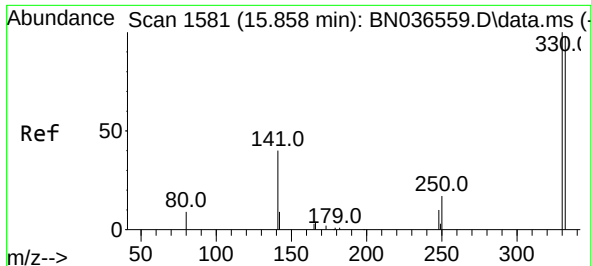
Tgt Ion:152 Resp: 826
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion:164 Resp: 2412
Ion Ratio Lower Upper
164 100
162 108.5 84.2 126.2
160 56.0 42.2 63.2

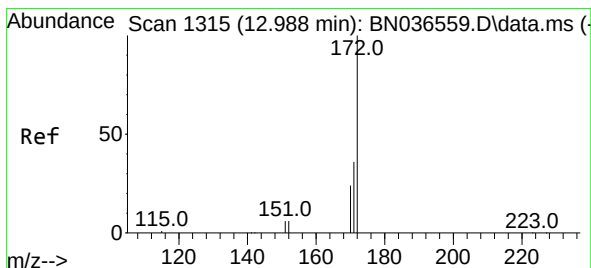
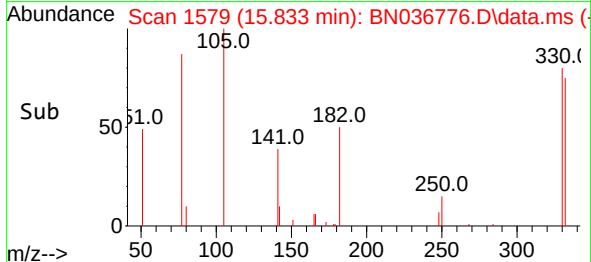
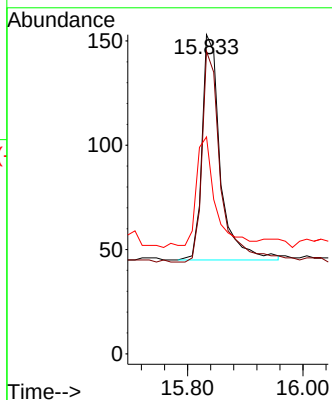
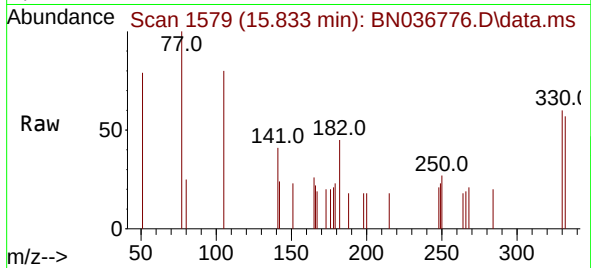




#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

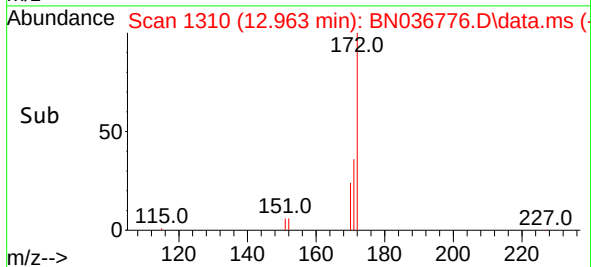
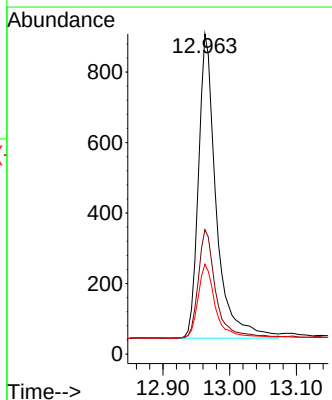
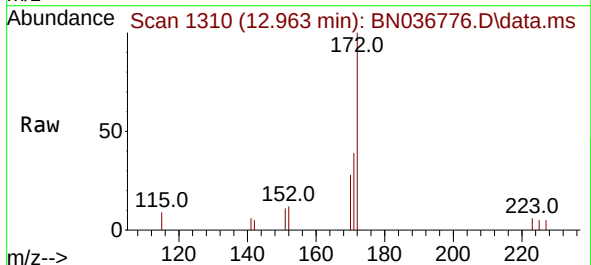
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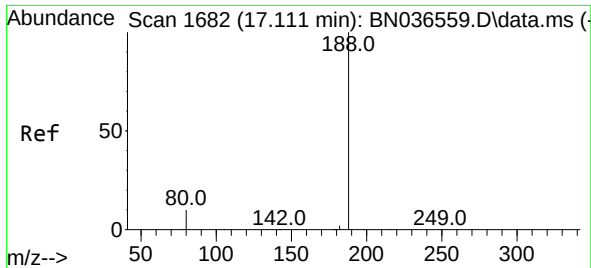
Tgt Ion:330 Resp: 238
Ion Ratio Lower Upper
330 100
332 96.6 75.2 112.8
141 53.4 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.142 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion:172 Resp: 1986
Ion Ratio Lower Upper
172 100
171 38.9 29.5 44.3
170 28.1 20.2 30.4

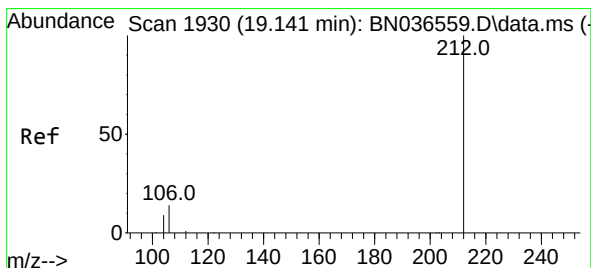
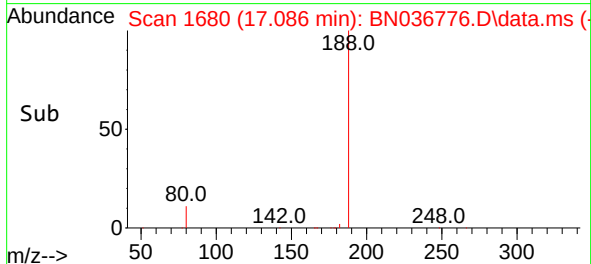
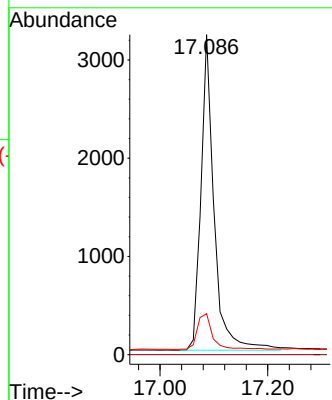
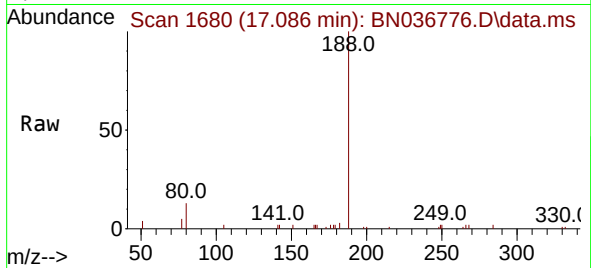




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

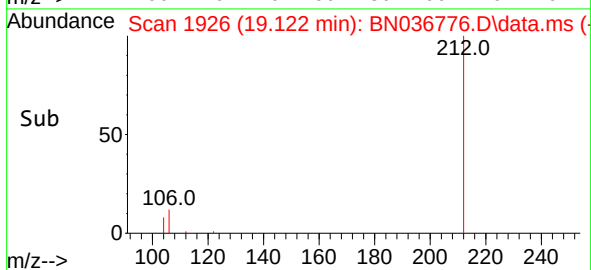
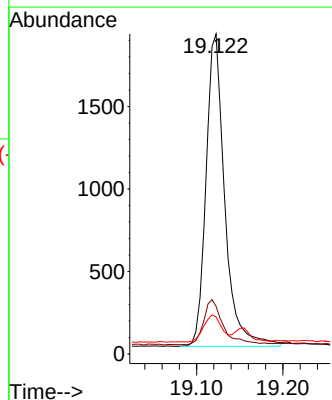
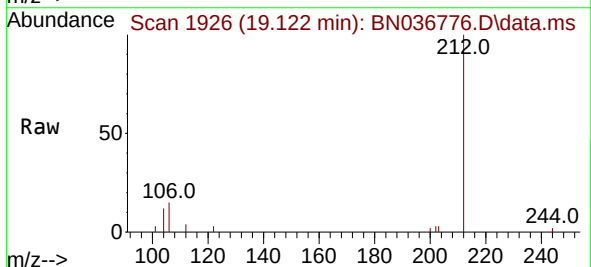
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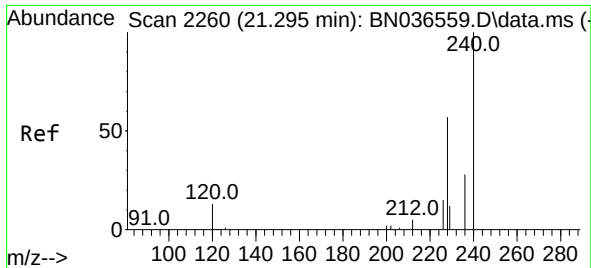
Tgt Ion:188 Resp: 5434
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.205 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion:212 Resp: 2855
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.6
104 8.4 7.3 10.9

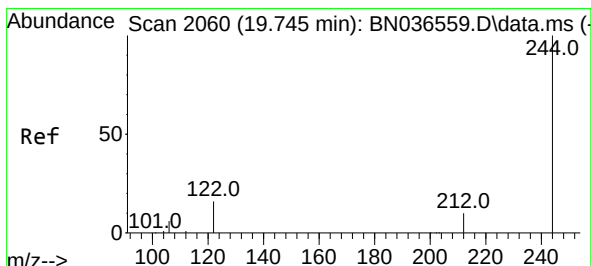
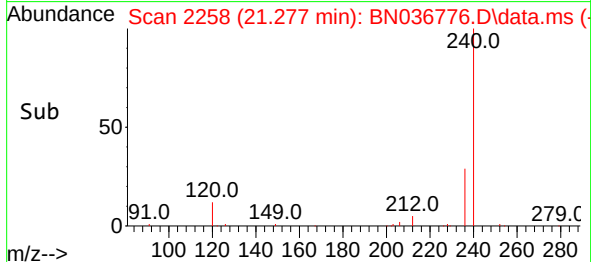
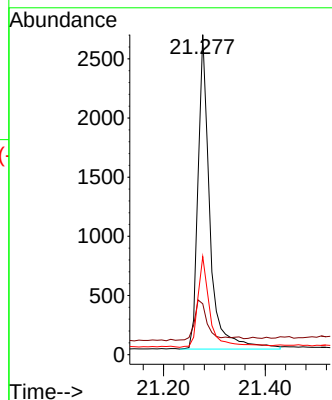
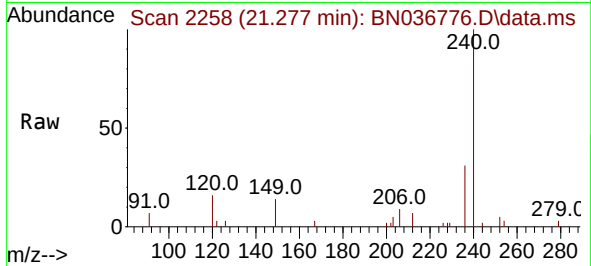




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

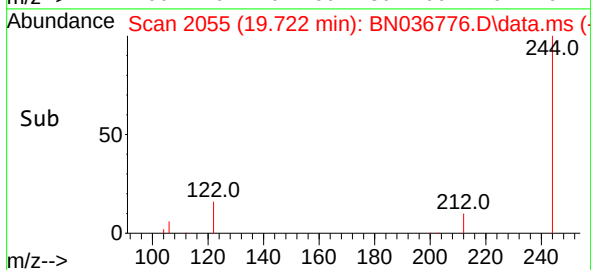
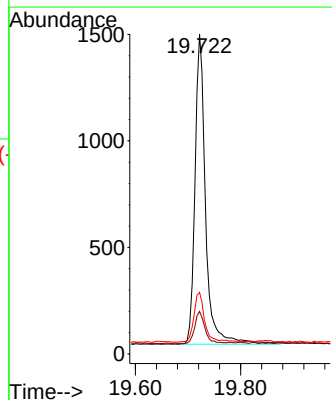
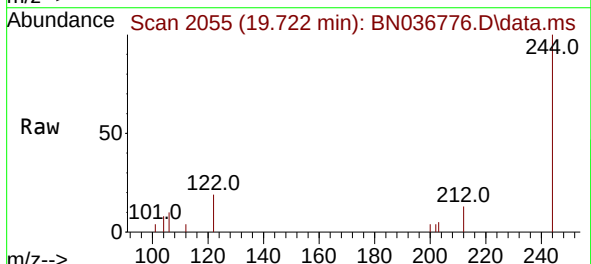
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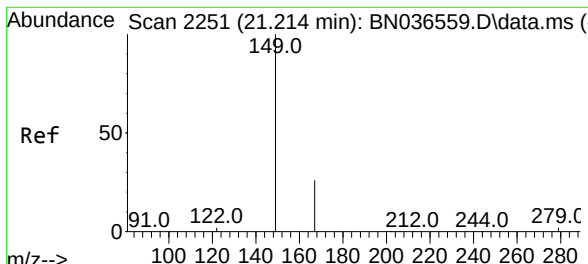
Tgt Ion:240 Resp: 4284
Ion Ratio Lower Upper
240 100
120 15.9 14.6 22.0
236 30.7 24.1 36.1



#31
Terphenyl-d14
Concen: 0.198 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036776.D
Acq: 28 Mar 2025 17:02

Tgt Ion:244 Resp: 2030
Ion Ratio Lower Upper
244 100
212 13.3 9.6 14.4
122 19.2 13.9 20.9

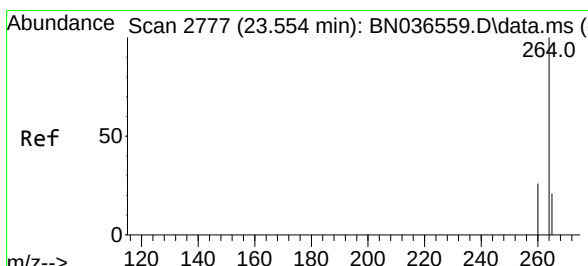
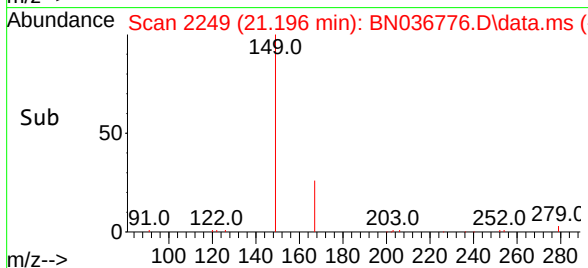
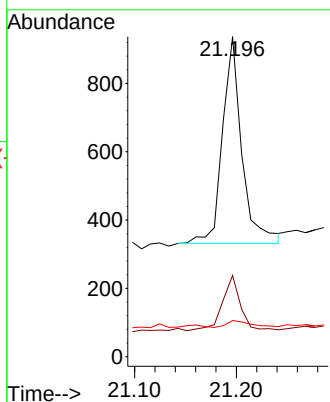
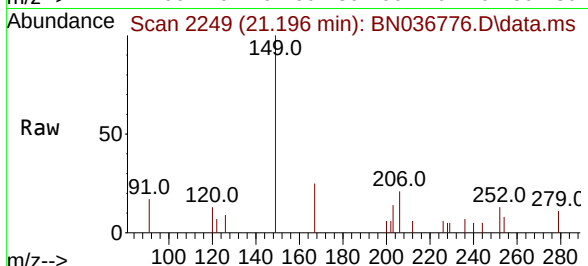




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.196 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN036776.D
 Acq: 28 Mar 2025 17:02

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20250318DL

Tgt Ion:	149	Resp:	798
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.7	31.1
279	4.1	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: BN036776.D
 Acq: 28 Mar 2025 17:02

Tgt Ion:	264	Resp:	3735
Ion Ratio	Lower	Upper	
264	100		
260	28.2	22.6	33.8
265	84.3	88.1	132.1#

