

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036782.D
 Acq On : 28 Mar 2025 20:38
 Operator : RC/JU
 Sample : Q1608-28
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 22:52:56 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)

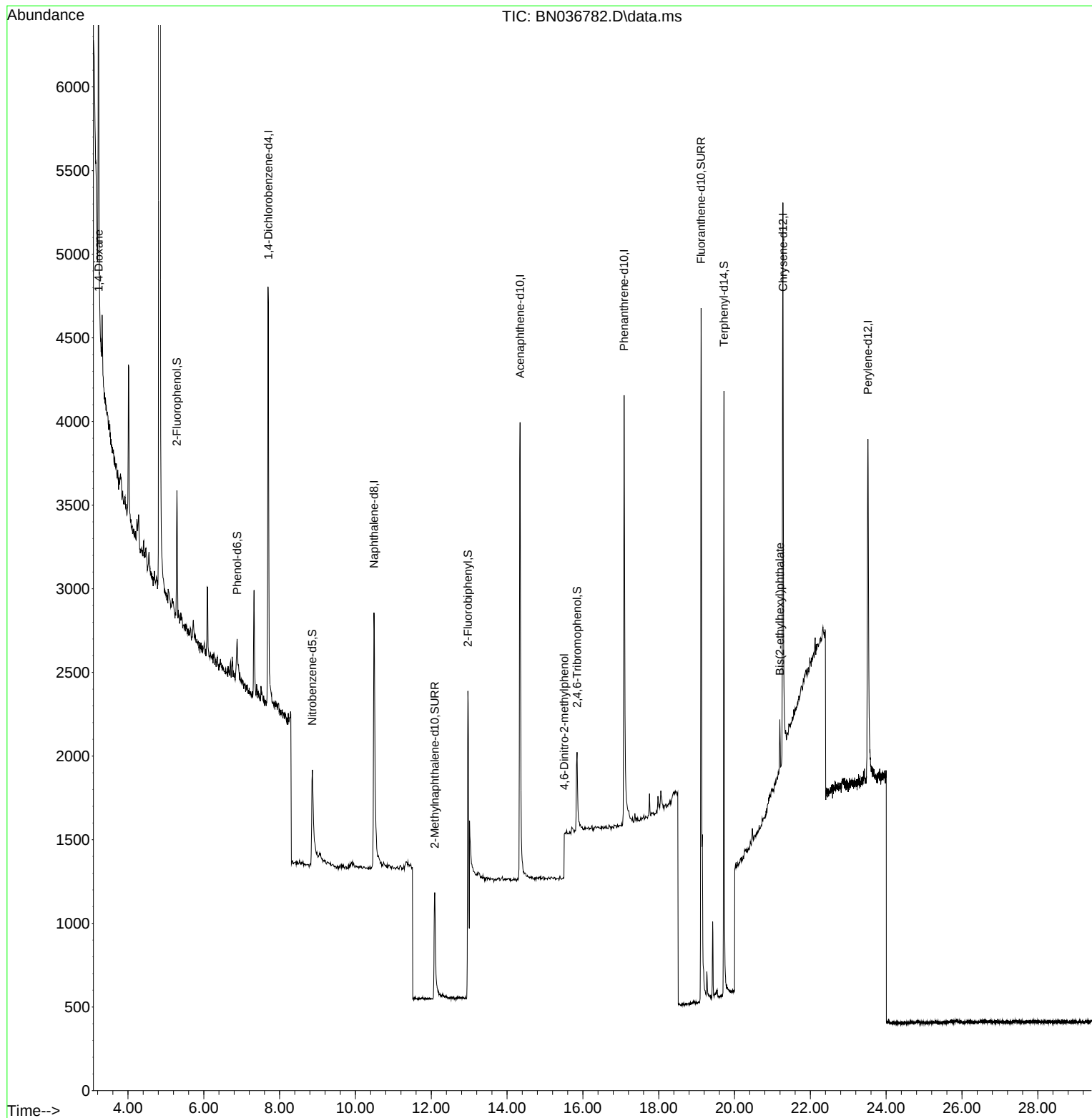
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1404	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3144	0.400	ng	#-0.02
13) Acenaphthene-d10	14.345	164	2055	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4548	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	3753	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3299	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	540	0.165	ng	-0.02
5) Phenol-d6	6.879	99	352	0.087	ng	-0.02
8) Nitrobenzene-d5	8.865	82	999	0.292	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	1536	0.328	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	394	0.423	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	3596	0.301	ng	-0.02
27) Fluoranthene-d10	19.118	212	5312	0.456	ng	-0.02
31) Terphenyl-d14	19.722	244	3705	0.412	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	1116	0.717	ng	# 73
20) 4,6-Dinitro-2-methylph...	15.510	198	4	0.149	ng	# 9
34) Bis(2-ethylhexyl)phtha...	21.196	149	343	0.037	ng	# 96

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

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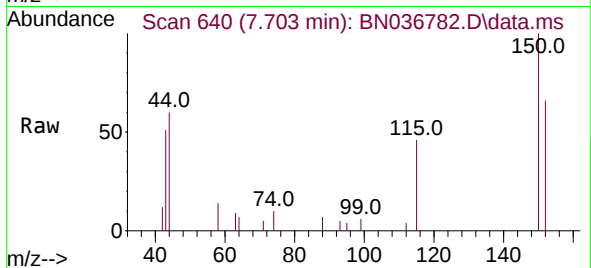
Quant Time: Mar 28 22:52:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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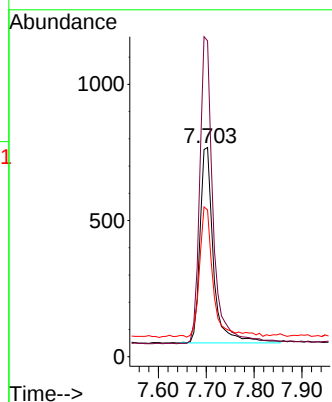
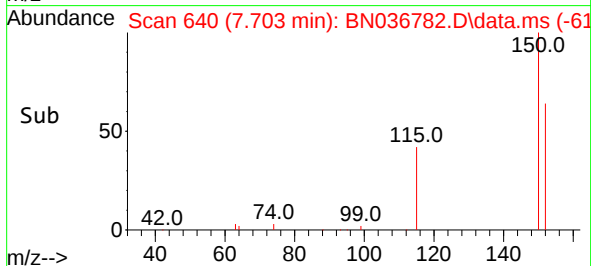


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036782.D
 Acq: 28 Mar 2025 20:38

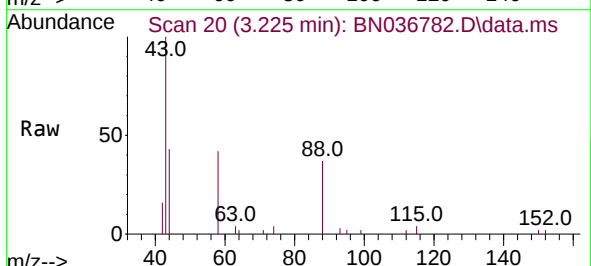
Instrument :
 BNA_N
 ClientSampleId :



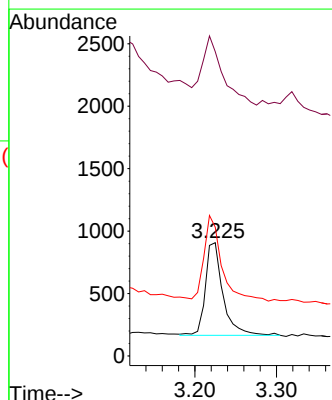
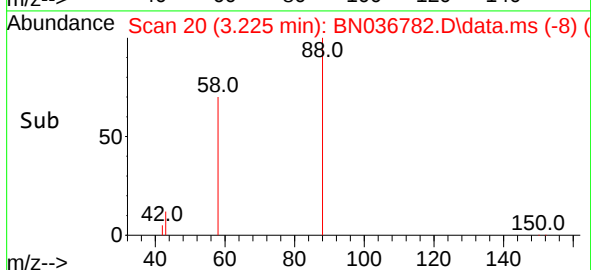
Tgt Ion:152 Resp: 1404
 Ion Ratio Lower Upper
 152 100
 150 151.0 123.7 185.5
 115 70.2 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.717 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036782.D
 Acq: 28 Mar 2025 20:38



Tgt Ion: 88 Resp: 1116
 Ion Ratio Lower Upper
 88 100
 43 88.2 37.8 56.8#
 58 91.2 67.4 101.2

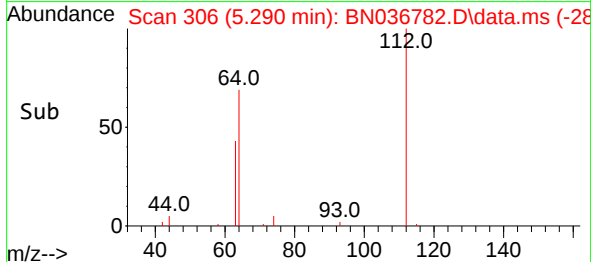
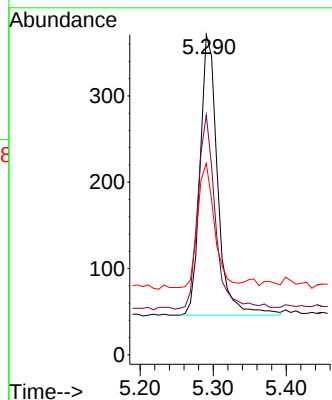
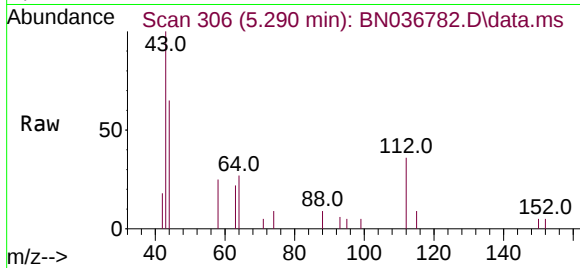




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38

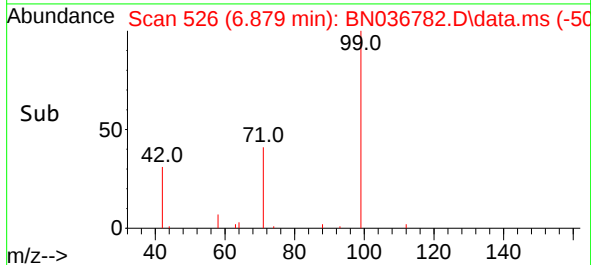
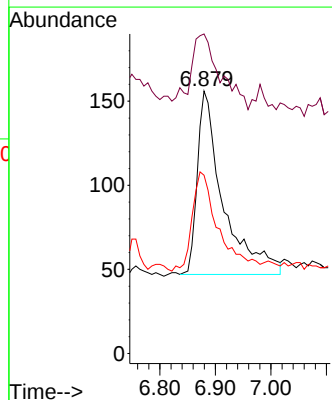
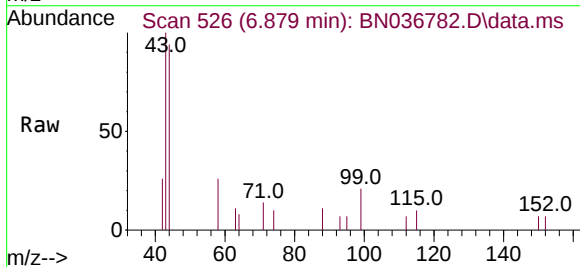
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 540
Ion Ratio Lower Upper
112 100
64 70.2 53.1 79.7
63 43.3 31.8 47.8



#5
Phenol-d6
Concen: 0.087 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38

Tgt Ion: 99 Resp: 352
Ion Ratio Lower Upper
99 100
42 47.4 26.5 39.7#
71 54.8 34.1 51.1#

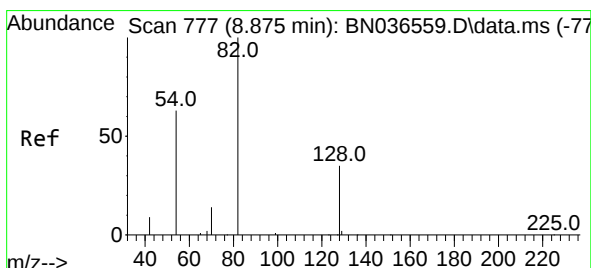
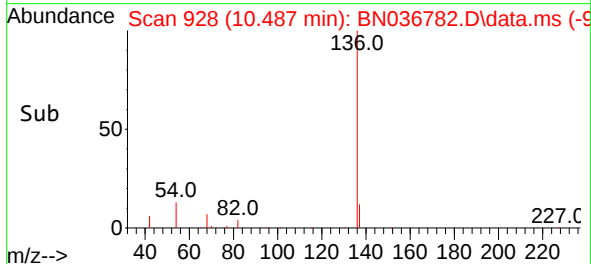
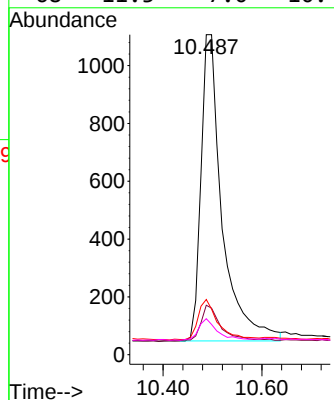
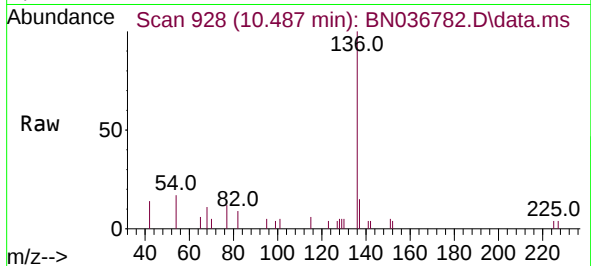




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38

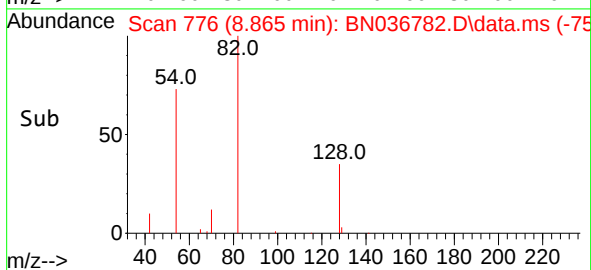
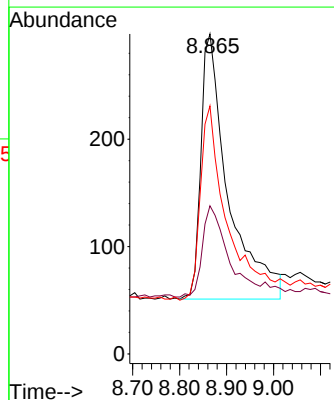
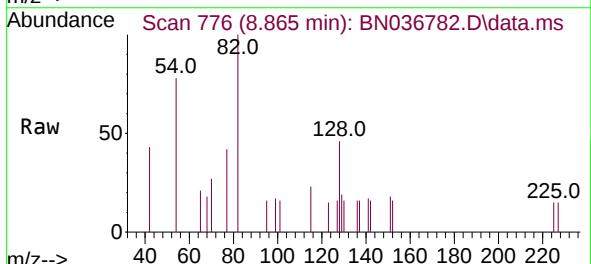
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	3144
Ion	Ratio	Lower	Upper
136	100		
137	15.4	10.3	15.5
54	17.3	11.5	17.3
68	11.3	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38

Tgt Ion:	82	Resp:	999
Ion	Ratio	Lower	Upper
82	100		
128	46.3	30.6	45.8
54	77.5	52.2	78.4

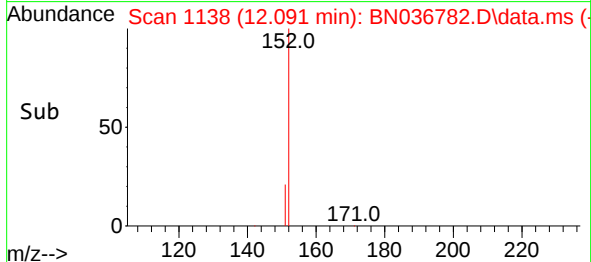
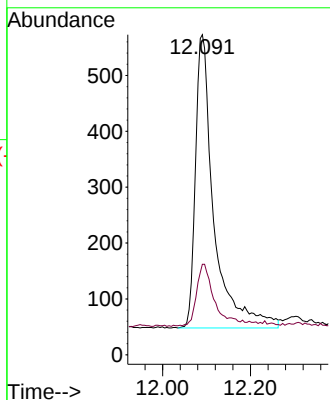
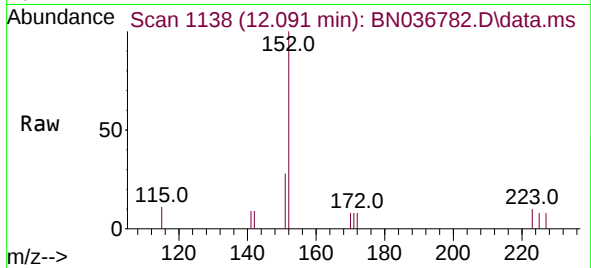




#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 12.091 min Scan# 1142
Delta R.T. -0.020 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38

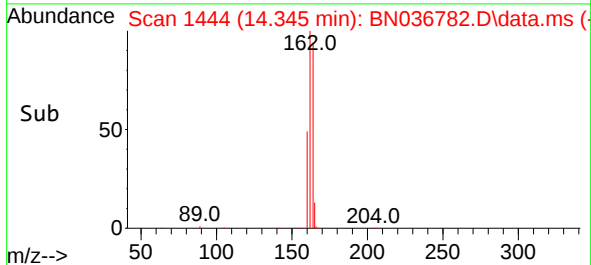
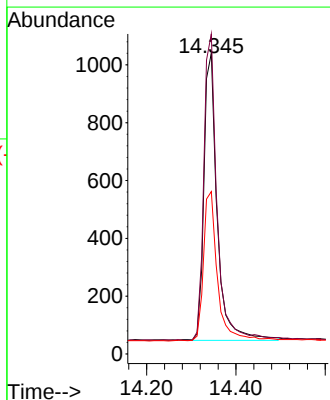
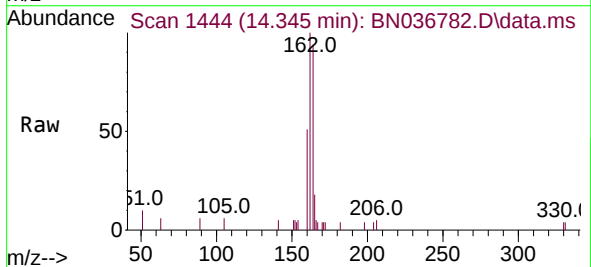
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1536
Ion Ratio Lower Upper
152 100
151 19.7 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: BN036782.D
Acq: 28 Mar 2025 20:38

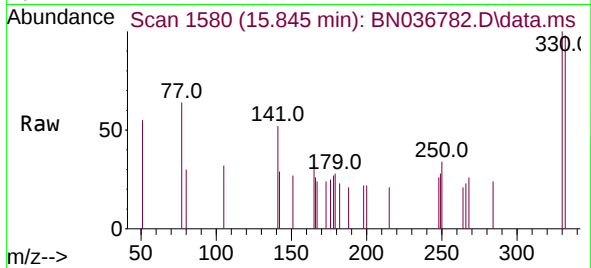
Tgt Ion:164 Resp: 2055
Ion Ratio Lower Upper
164 100
162 106.4 84.2 126.2
160 54.0 42.2 63.2



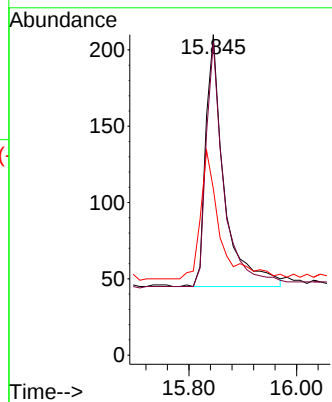
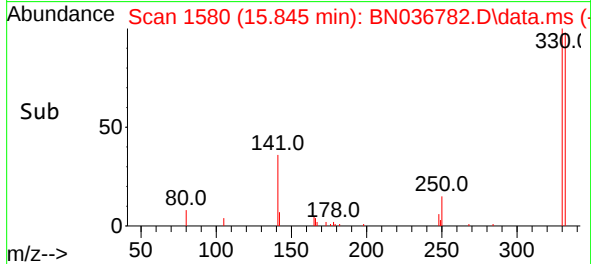


#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38

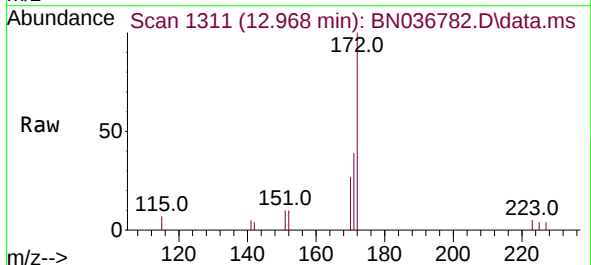
Instrument :
BNA_N
ClientSampleId :



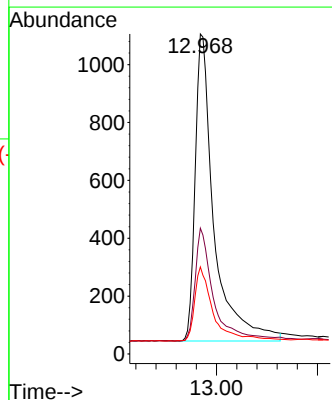
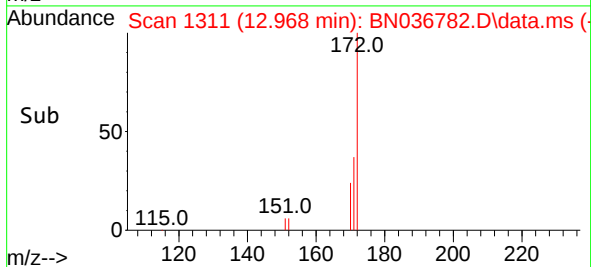
Tgt Ion:330 Resp: 394
Ion Ratio Lower Upper
330 100
332 94.2 75.2 112.8
141 53.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38



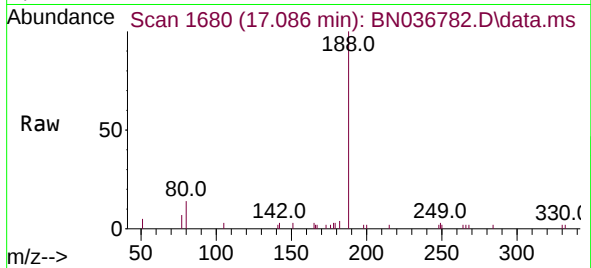
Tgt Ion:172 Resp: 3596
Ion Ratio Lower Upper
172 100
171 39.3 29.5 44.3
170 27.2 20.2 30.4



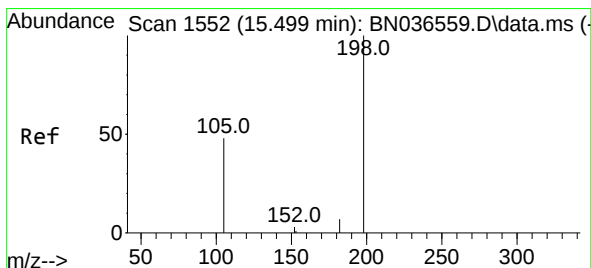
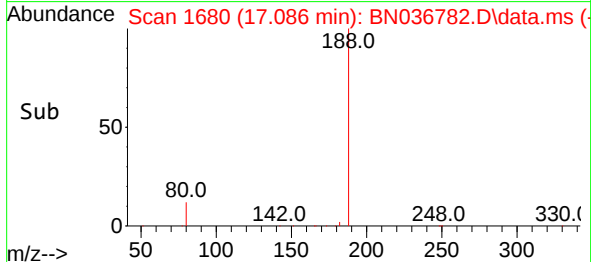
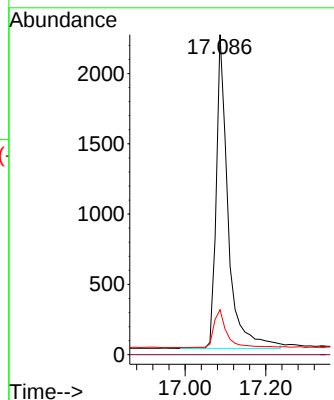


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38

Instrument :
BNA_N
ClientSampleId :

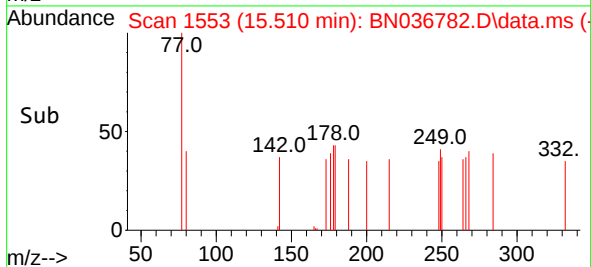
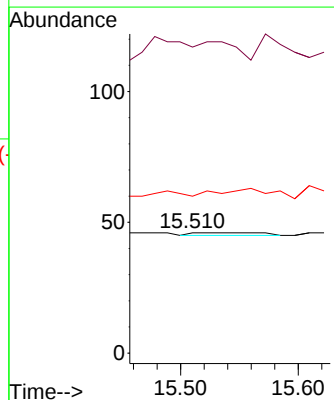
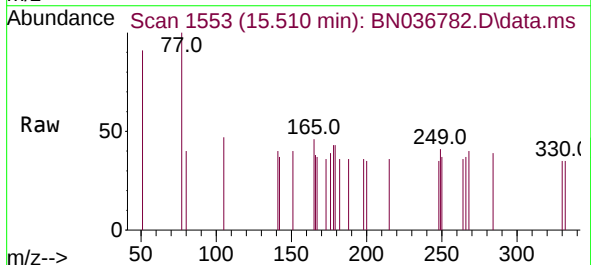


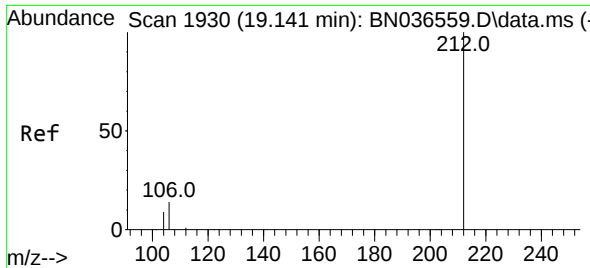
Tgt Ion:188 Resp: 4548
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.510 min Scan# 1553
Delta R.T. 0.011 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 254.3 107.9 161.9#
105 130.4 56.2 84.2#

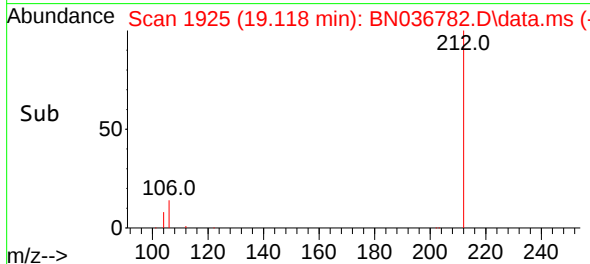
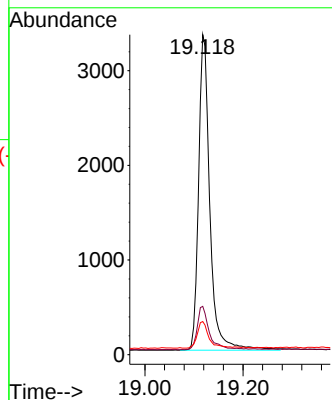
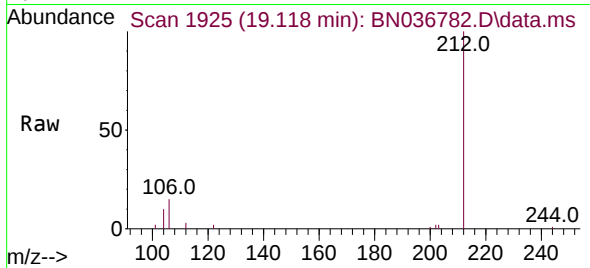




#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.118 min Scan# 19
Delta R.T. -0.023 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38

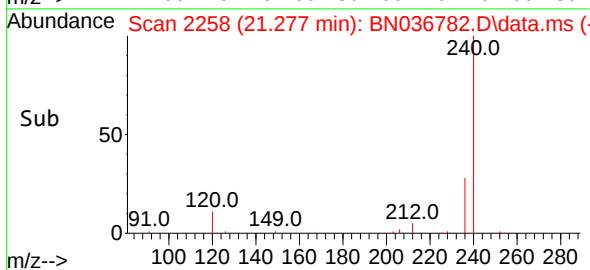
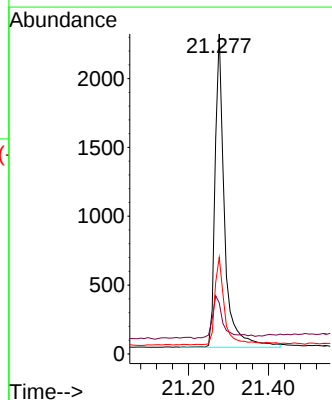
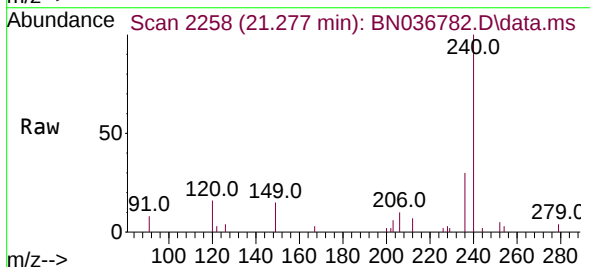
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 5312
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.6
104 8.6 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: BN036782.D
Acq: 28 Mar 2025 20:38

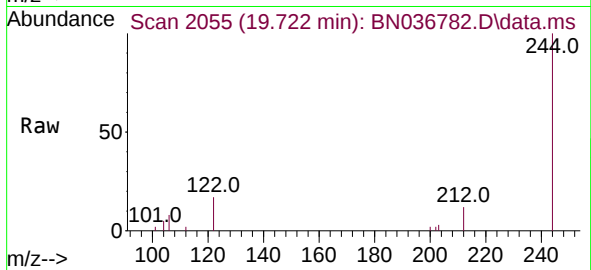
Tgt Ion:240 Resp: 3753
Ion Ratio Lower Upper
240 100
120 16.0 14.6 22.0
236 30.2 24.1 36.1



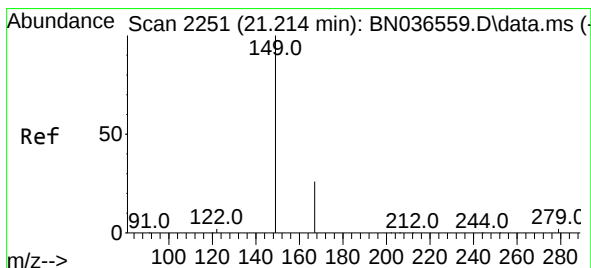
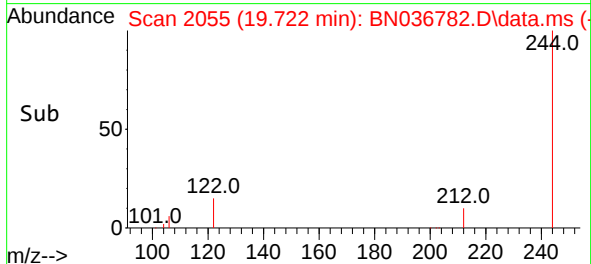
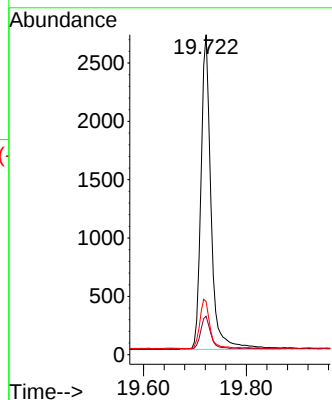


#31
 Terphenyl-d14
 Concen: 0.412 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036782.D
 Acq: 28 Mar 2025 20:38

Instrument :
 BNA_N
 ClientSampleId :

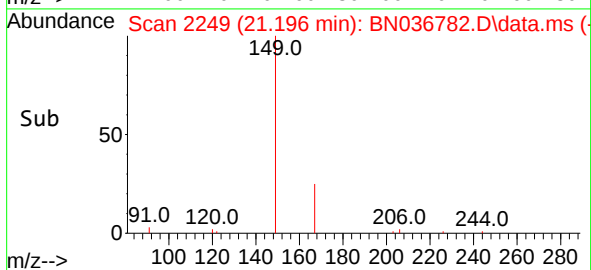
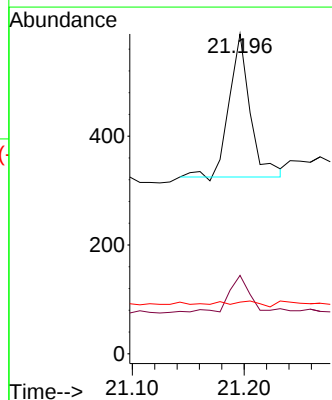
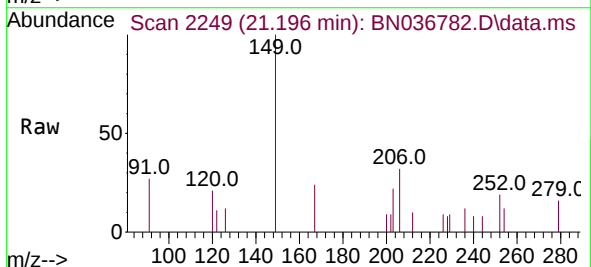


Tgt Ion:244 Resp: 3705
 Ion Ratio Lower Upper
 244 100
 212 12.0 9.6 14.4
 122 16.6 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.037 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036782.D
 Acq: 28 Mar 2025 20:38

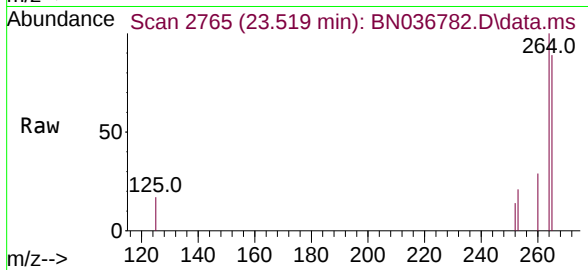
Tgt Ion:149 Resp: 343
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.7 31.1
 279 6.4 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 21
Delta R.T. -0.035 min
Lab File: BN036782.D
Acq: 28 Mar 2025 20:38

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	3299
Ion	Ratio	Lower	Upper
264	100		
260	28.6	22.6	33.8
265	89.5	88.1	132.1

