

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036785.D
 Acq On : 28 Mar 2025 22:26
 Operator : RC/JU
 Sample : Q1608-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 22:53:35 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)

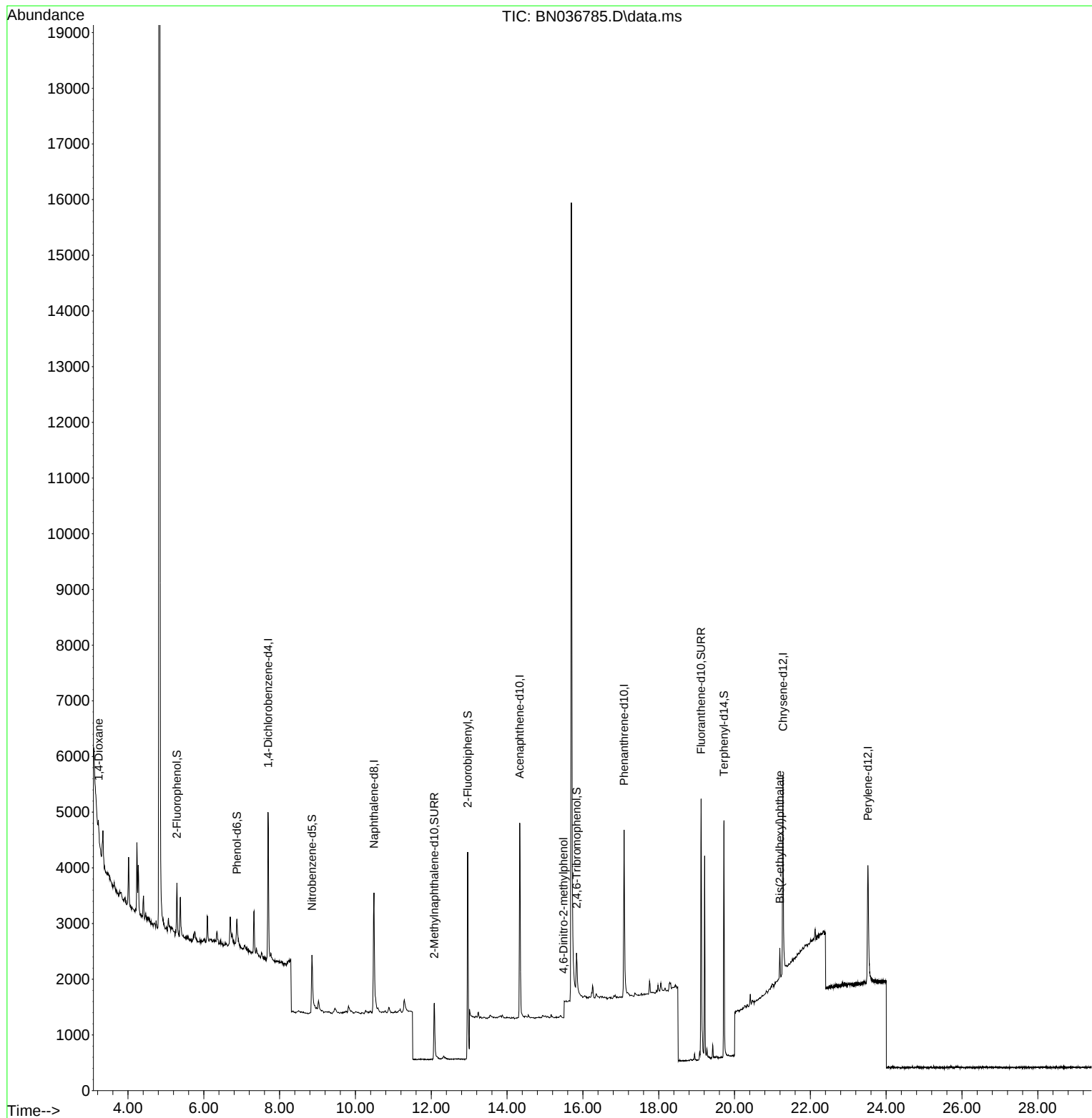
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1339	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	3438	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2108	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	4716	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3918	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3294	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	664	0.213	ng	-0.02
5) Phenol-d6	6.872	99	497	0.129	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1262	0.337	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1779	0.348	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	462	0.483	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	5155	0.420	ng	-0.03
27) Fluoranthene-d10	19.118	212	5629	0.466	ng	-0.02
31) Terphenyl-d14	19.722	244	4283	0.456	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.225	88	206	0.139	ng	# 72
20) 4,6-Dinitro-2-methylph...	15.489	198	2	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	589	0.061	ng	# 95

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

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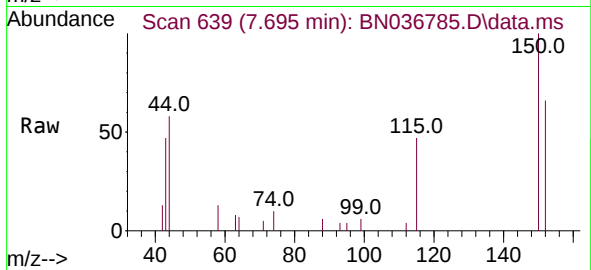
Quant Time: Mar 28 22:53:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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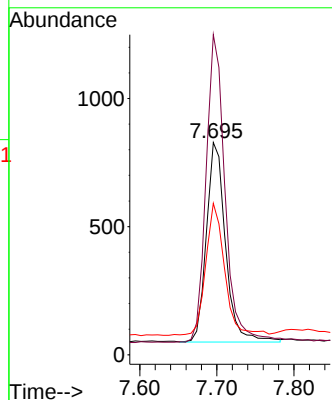
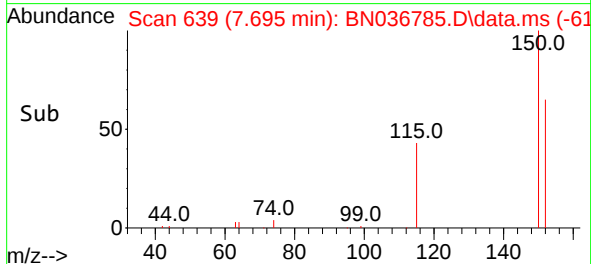


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036785.D
 Acq: 28 Mar 2025 22:26

Instrument :
 BNA_N
 ClientSampleId :

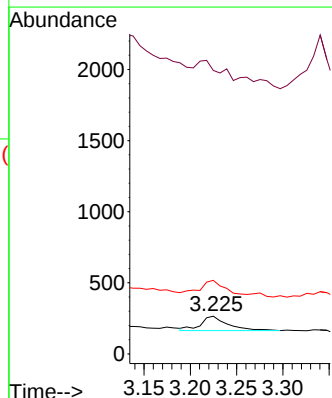
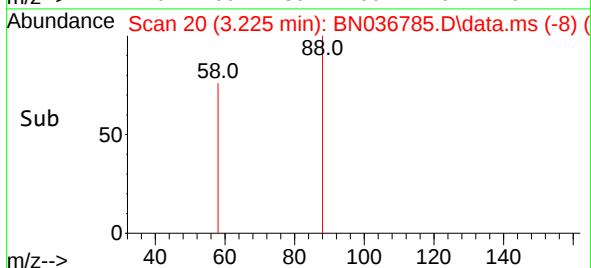
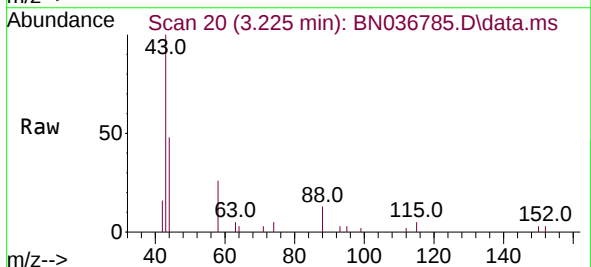


Tgt Ion:152 Resp: 1339
 Ion Ratio Lower Upper
 152 100
 150 150.8 123.7 185.5
 115 71.4 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.139 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036785.D
 Acq: 28 Mar 2025 22:26

Tgt Ion: 88 Resp: 206
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.8 56.8#
 58 80.6 67.4 101.2

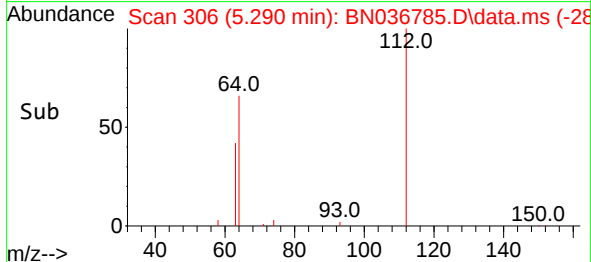
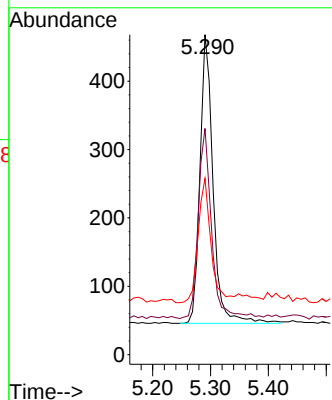
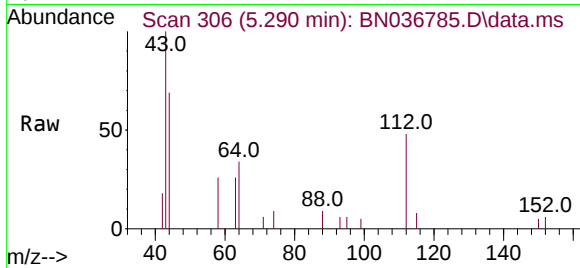




#4
2-Fluorophenol
Concen: 0.213 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

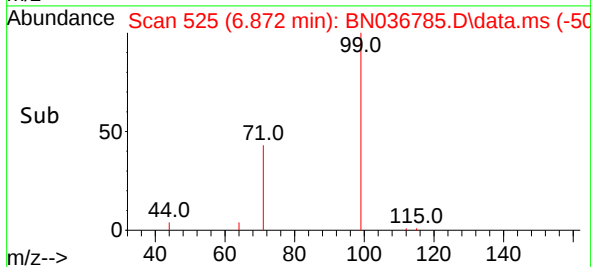
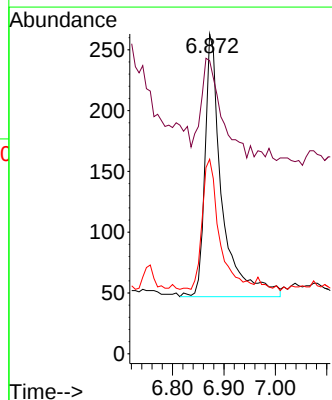
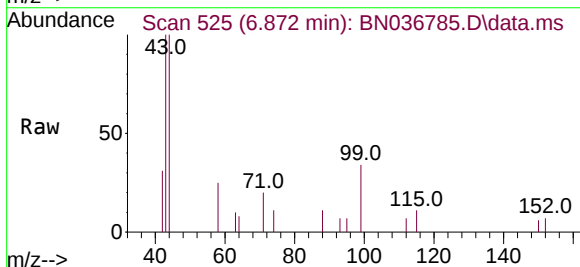
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 664
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 42.8 31.8 47.8



#5
Phenol-d6
Concen: 0.129 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

Tgt Ion: 99 Resp: 497
Ion Ratio Lower Upper
99 100
42 44.9 26.5 39.7#
71 48.3 34.1 51.1

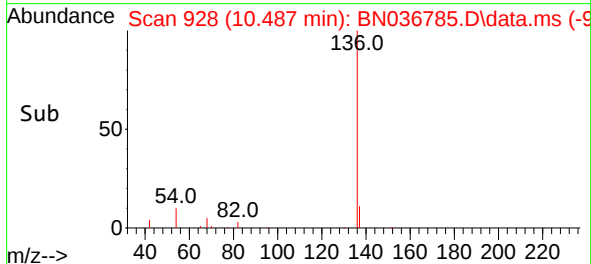
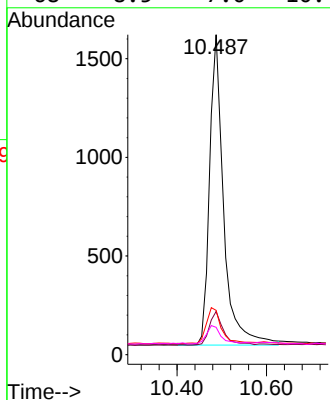
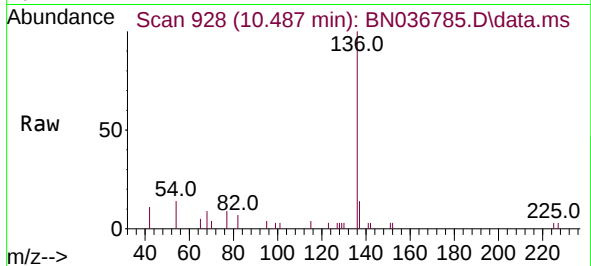




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

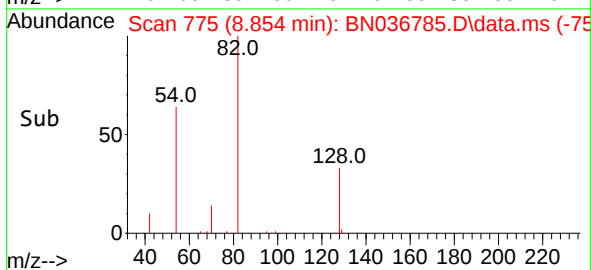
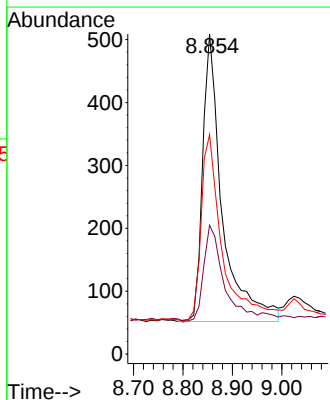
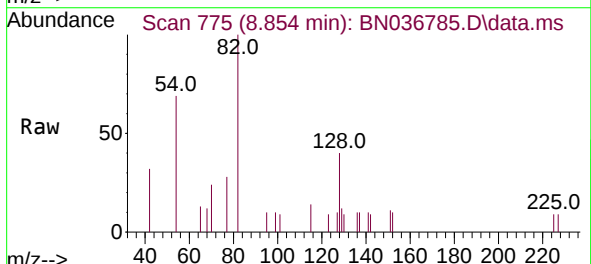
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136	Resp:	3438
Ion	Ratio	Lower Upper
136	100	
137	13.5	10.3 15.5
54	13.8	11.5 17.3
68	8.5	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

Tgt Ion: 82	Resp:	1262
Ion	Ratio	Lower Upper
82	100	
128	40.3	30.6 45.8
54	68.6	52.2 78.4

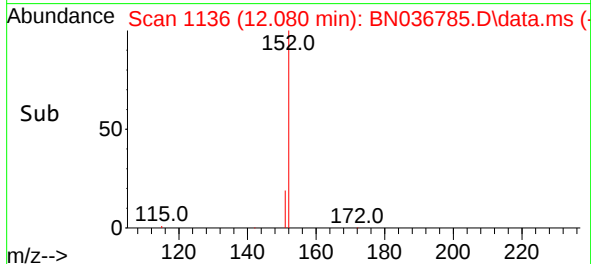
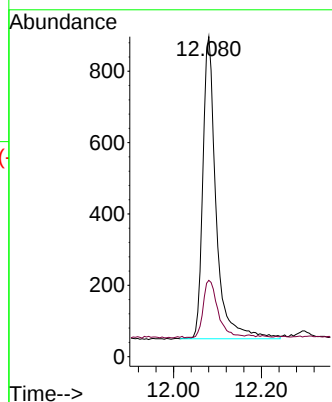
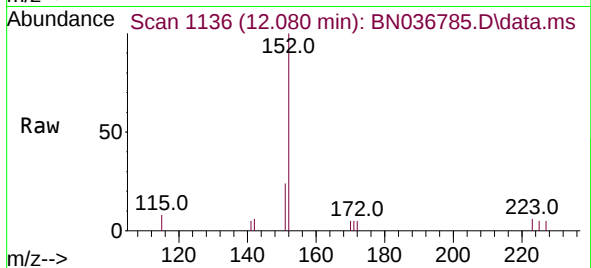




#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.080 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

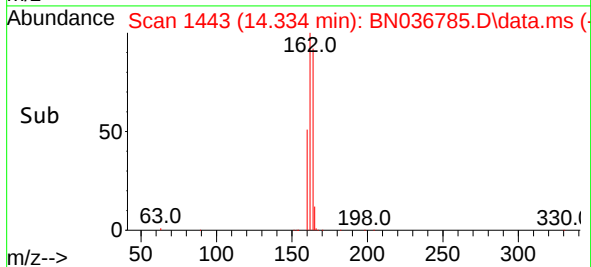
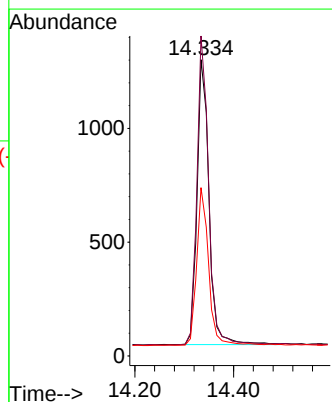
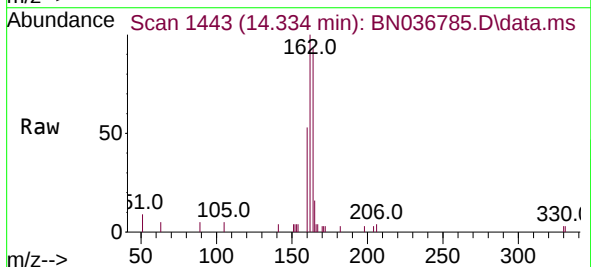
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1779
Ion Ratio Lower Upper
152 100
151 20.7 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: BN036785.D
Acq: 28 Mar 2025 22:26

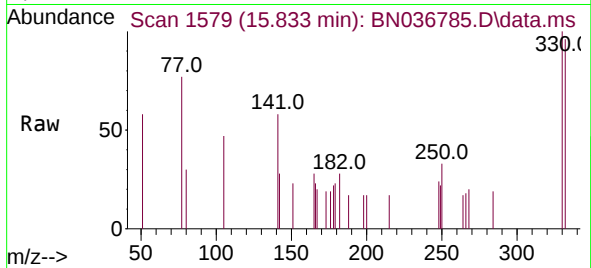
Tgt Ion:164 Resp: 2108
Ion Ratio Lower Upper
164 100
162 108.0 84.2 126.2
160 56.8 42.2 63.2



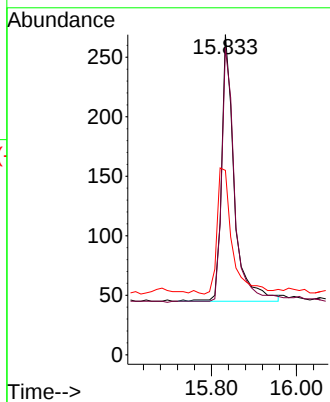
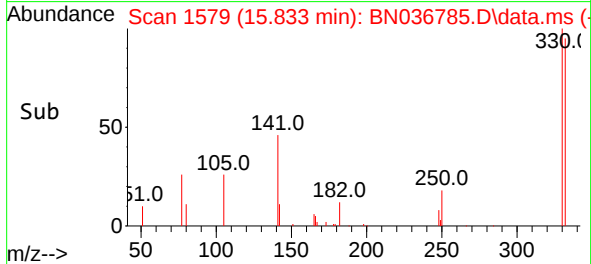


#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

Instrument :
BNA_N
ClientSampleId :

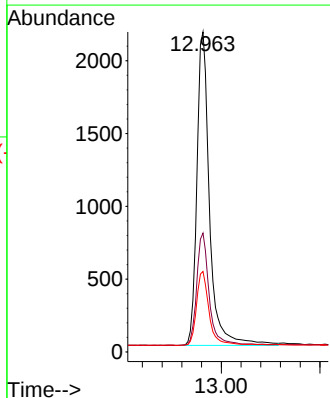
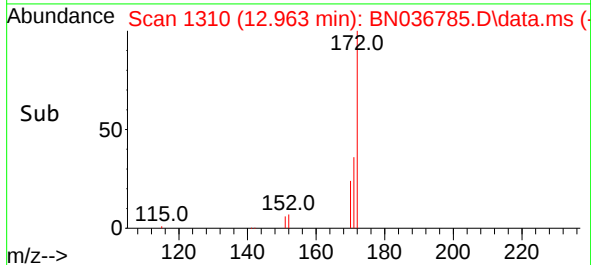
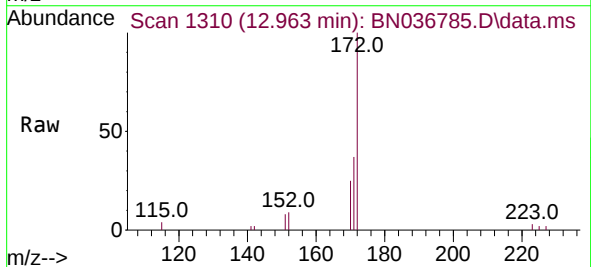


Tgt Ion:330 Resp: 462
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 56.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

Tgt Ion:172 Resp: 5155
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 25.2 20.2 30.4

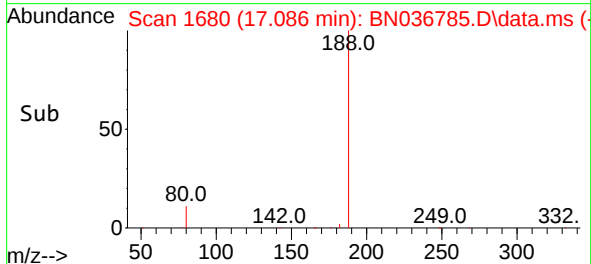
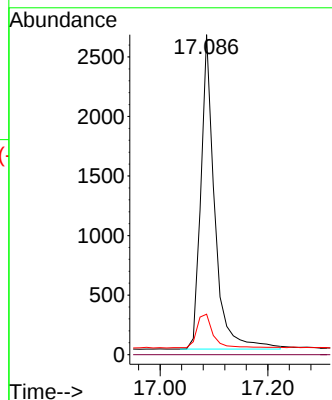
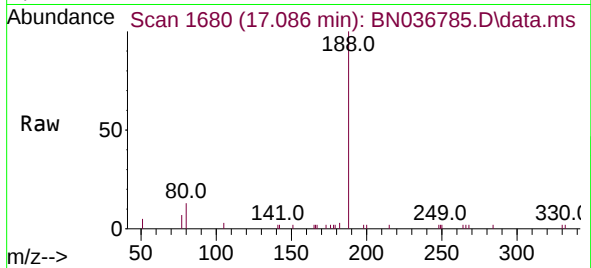




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

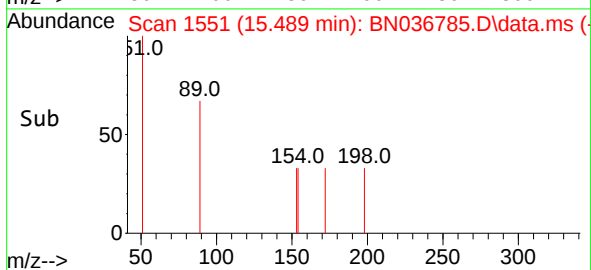
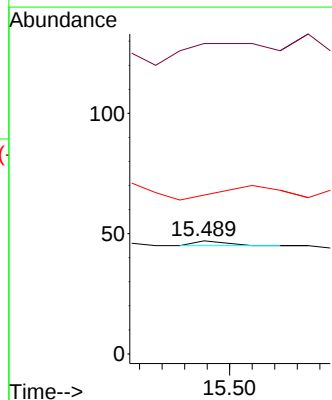
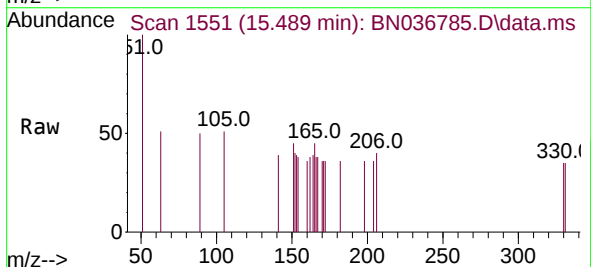
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 4716
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.010 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

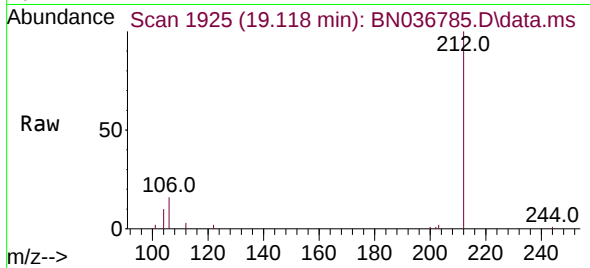
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 274.5 107.9 161.9#
105 140.4 56.2 84.2#



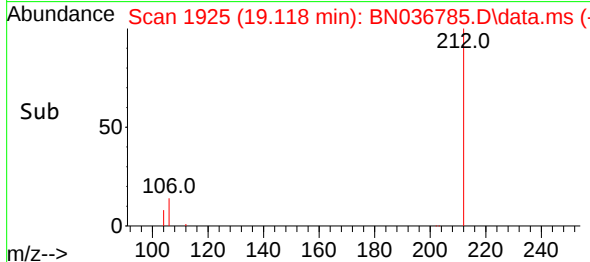
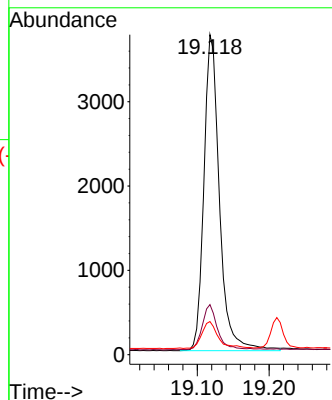


#27
Fluoranthene-d10
Concen: 0.466 ng
RT: 19.118 min Scan# 19
Delta R.T. -0.023 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

Instrument :
BNA_N
ClientSampleId :

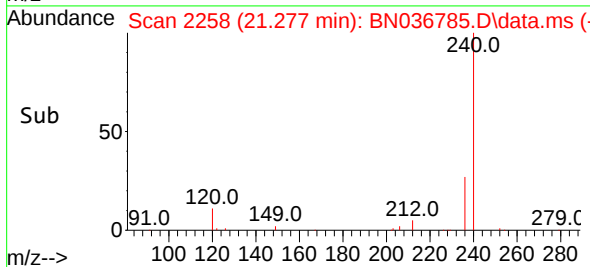
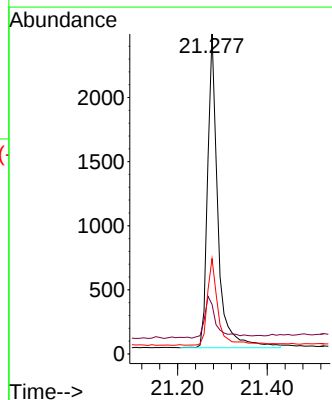
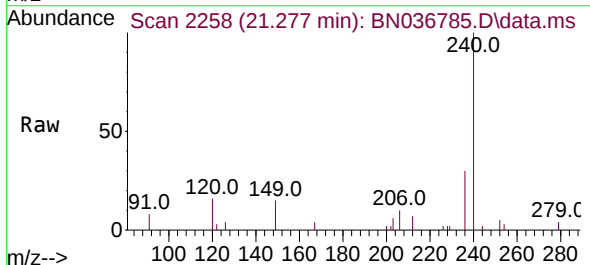


Tgt Ion:212 Resp: 5629
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 9.0 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

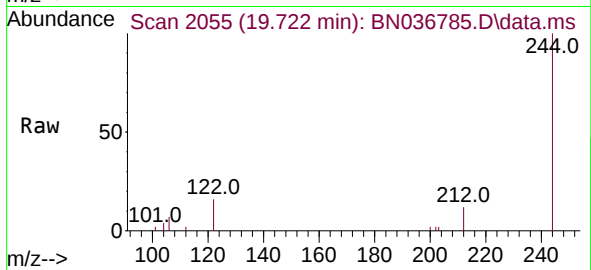
Tgt Ion:240 Resp: 3918
Ion Ratio Lower Upper
240 100
120 15.5 14.6 22.0
236 29.8 24.1 36.1



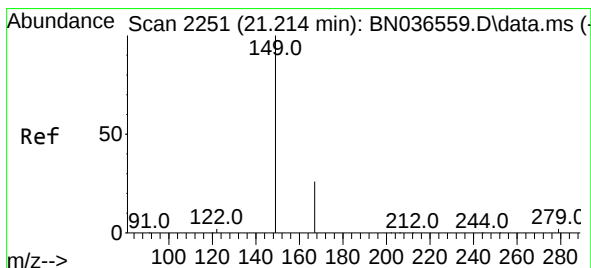
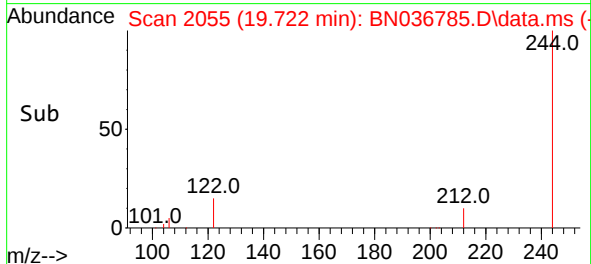
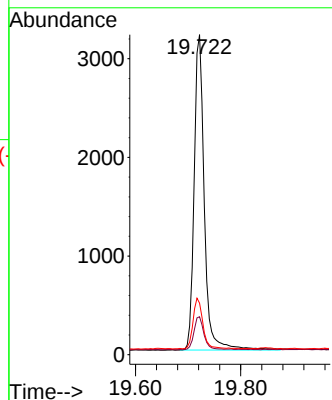


#31
 Terphenyl-d14
 Concen: 0.456 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036785.D
 Acq: 28 Mar 2025 22:26

Instrument :
 BNA_N
 ClientSampleId :

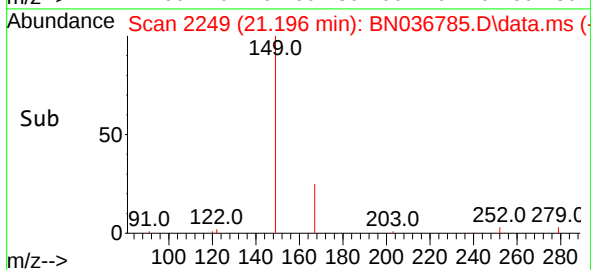
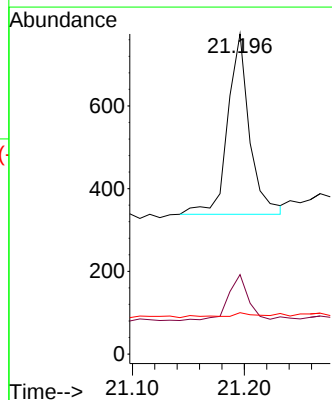
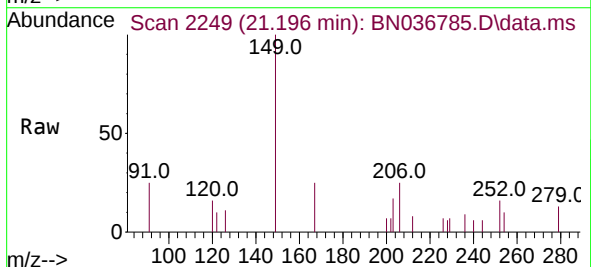


Tgt Ion:244 Resp: 4283
 Ion Ratio Lower Upper
 244 100
 212 11.9 9.6 14.4
 122 16.1 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036785.D
 Acq: 28 Mar 2025 22:26

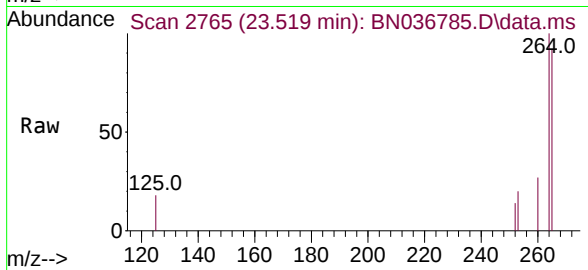
Tgt Ion:149 Resp: 589
 Ion Ratio Lower Upper
 149 100
 167 23.6 20.7 31.1
 279 2.0 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 21
Delta R.T. -0.035 min
Lab File: BN036785.D
Acq: 28 Mar 2025 22:26

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 3294
Ion Ratio Lower Upper
264 100
260 27.4 22.6 33.8
265 92.2 88.1 132.1

