

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036796.D
 Acq On : 29 Mar 2025 05:43
 Operator : RC/JU
 Sample : Q1620-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 29 06:26:19 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)

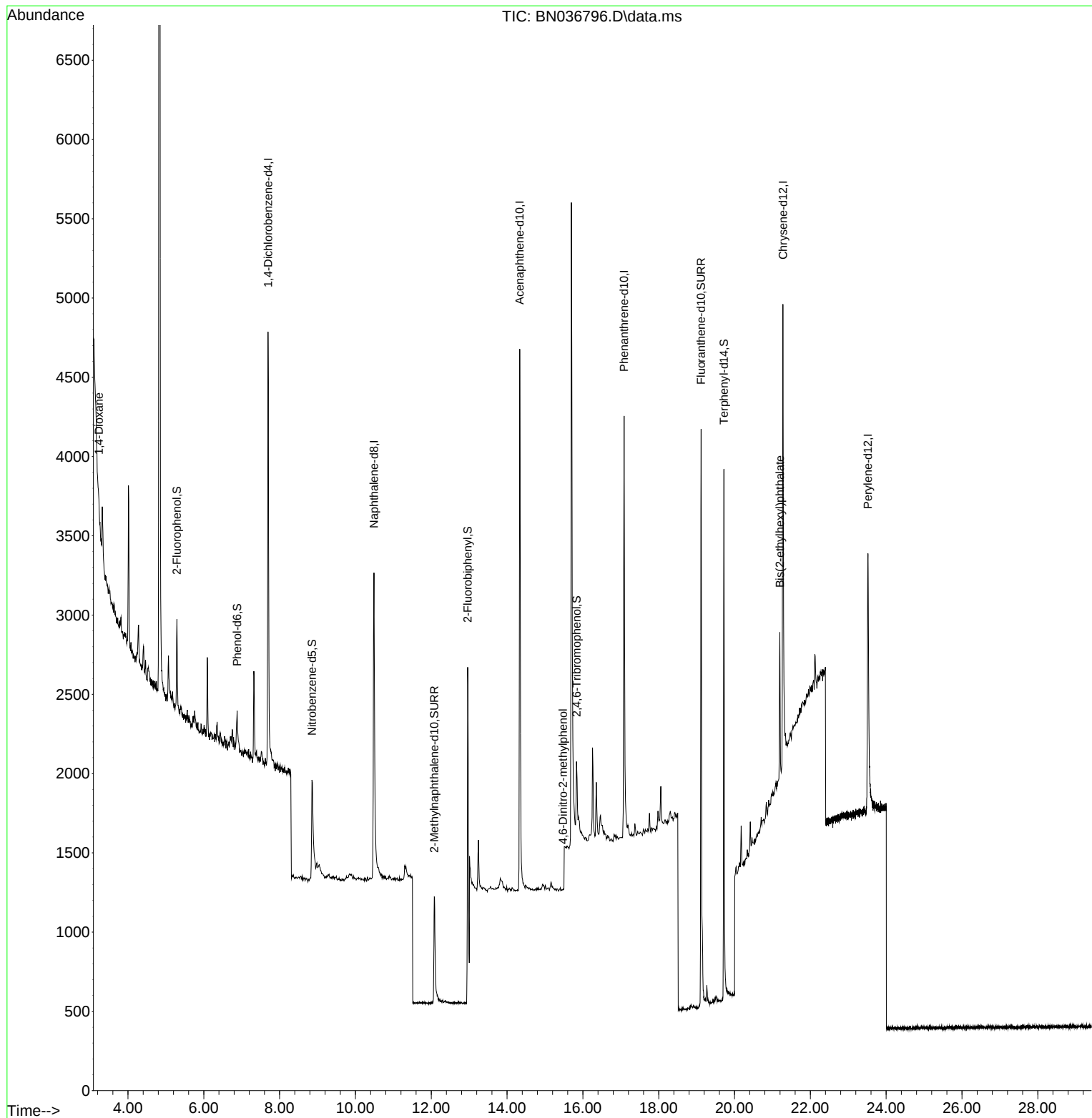
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1521	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	3536	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2187	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	4472	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3538	0.400	ng	-0.02
35) Perylene-d12	23.519	264	2845	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	400	0.113	ng	-0.02
5) Phenol-d6	6.879	99	283	0.065	ng	-0.02
8) Nitrobenzene-d5	8.854	82	977	0.254	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1365	0.260	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	321	0.323	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	3360	0.264	ng	-0.03
27) Fluoranthene-d10	19.118	212	4505	0.393	ng	-0.02
31) Terphenyl-d14	19.722	244	3707	0.437	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.232	88	49	0.029	ng	# 59
20) 4,6-Dinitro-2-methylph...	15.478	198	1	0.147	ng	# 15
34) Bis(2-ethylhexyl)phtha...	21.196	149	993	0.113	ng	# 97

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

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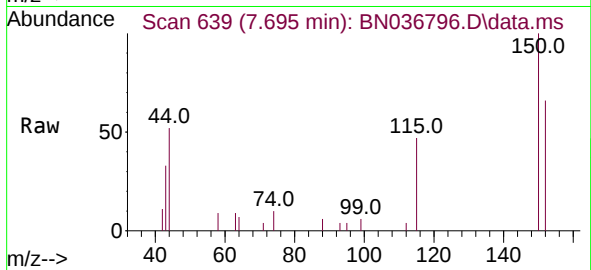
Quant Time: Mar 29 06:26:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



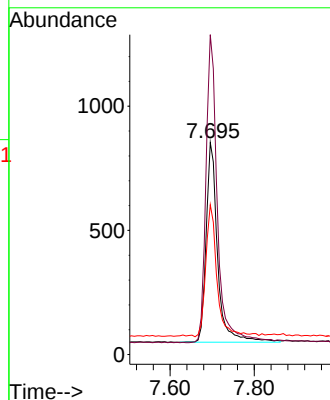
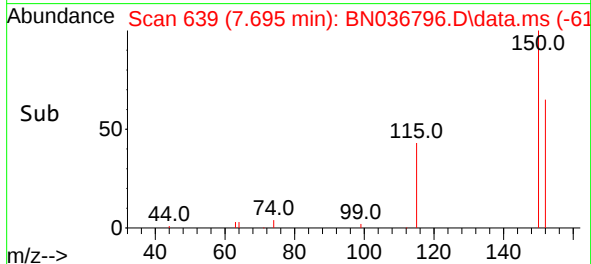


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036796.D
 Acq: 29 Mar 2025 05:43

Instrument :
 BNA_N
 ClientSampleId :

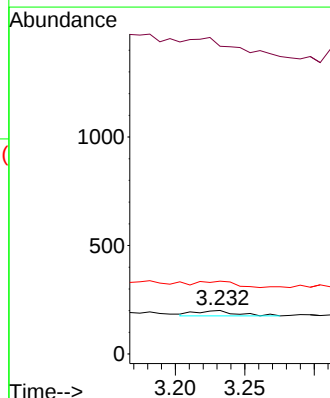
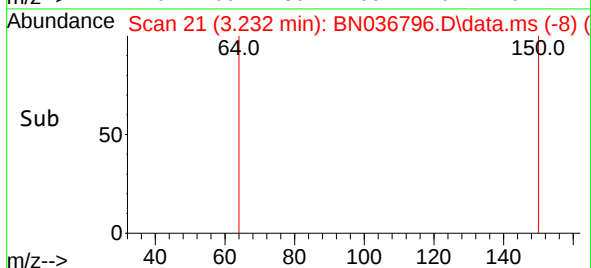
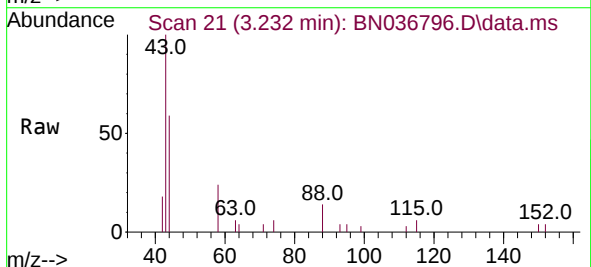


Tgt Ion:152 Resp: 1521
 Ion Ratio Lower Upper
 152 100
 150 150.8 123.7 185.5
 115 70.6 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.029 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036796.D
 Acq: 29 Mar 2025 05:43

Tgt Ion: 88 Resp: 49
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.8 56.8#
 58 106.1 67.4 101.2#

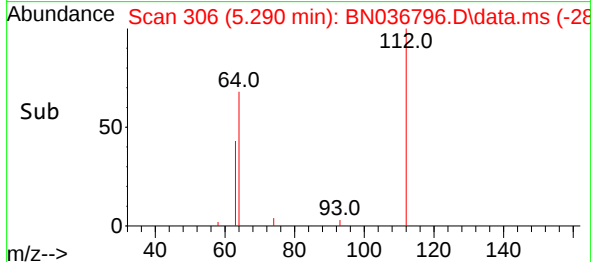
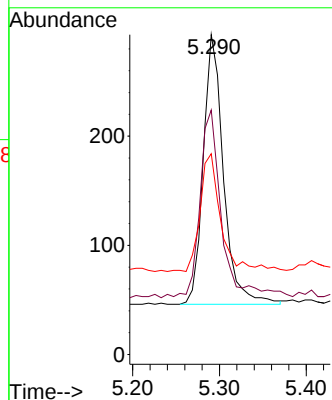
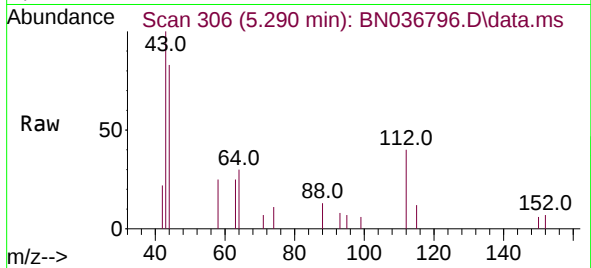




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

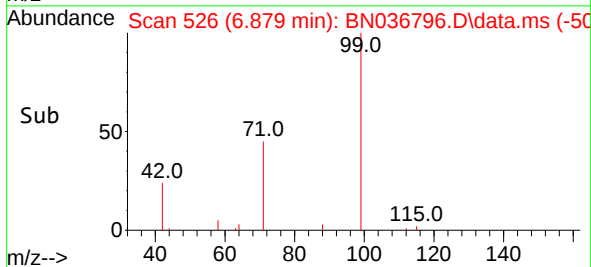
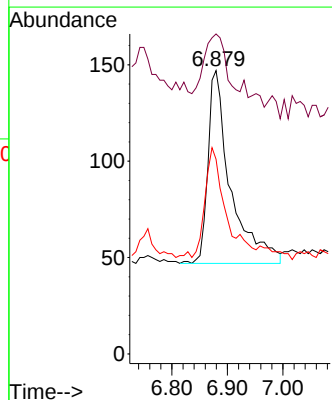
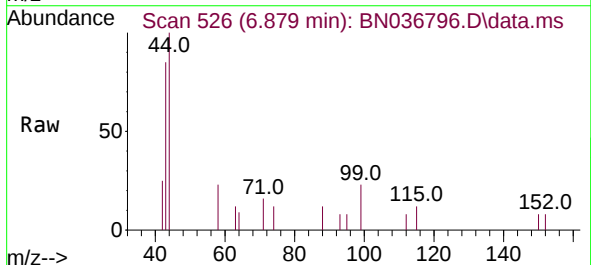
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 400
Ion Ratio Lower Upper
112 100
64 74.5 53.1 79.7
63 46.0 31.8 47.8



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

Tgt Ion: 99 Resp: 283
Ion Ratio Lower Upper
99 100
42 27.6 26.5 39.7
71 51.6 34.1 51.1#

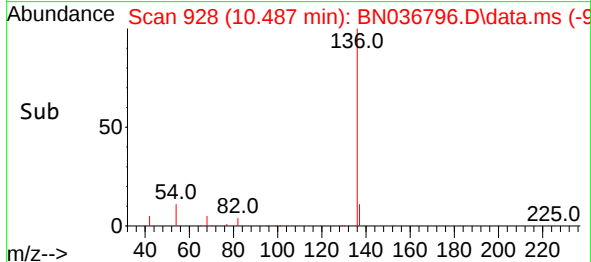
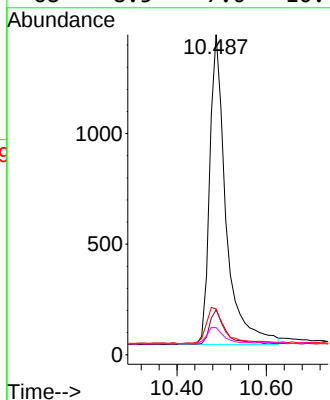
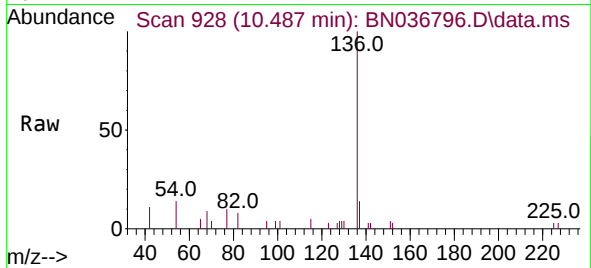




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

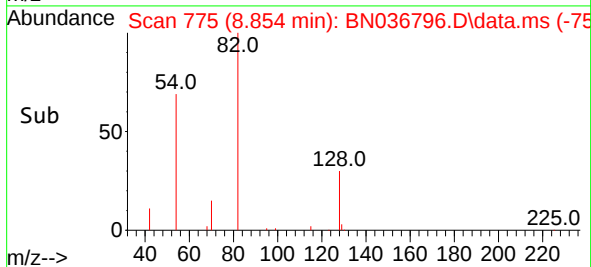
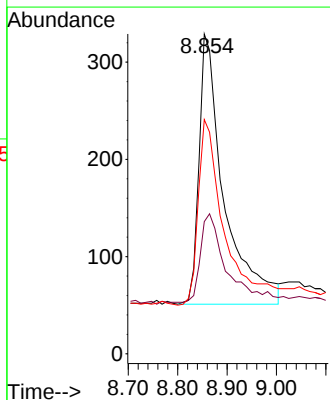
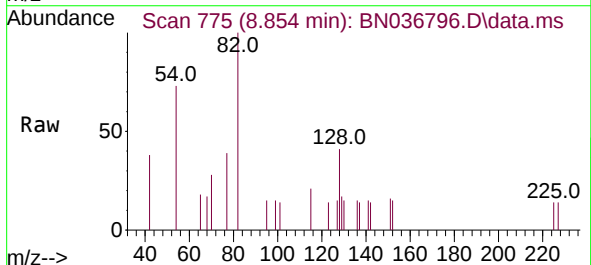
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136	Resp:	3536
Ion Ratio	Lower	Upper
136	100	
137	14.0	10.3 15.5
54	14.3	11.5 17.3
68	8.5	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.254 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

Tgt Ion: 82	Resp:	977
Ion Ratio	Lower	Upper
82	100	
128	41.3	30.6 45.8
54	73.3	52.2 78.4

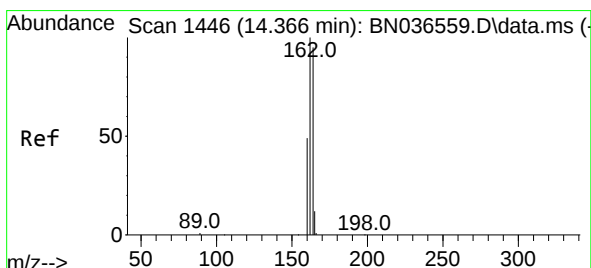
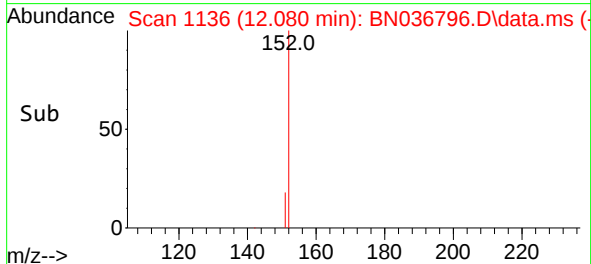
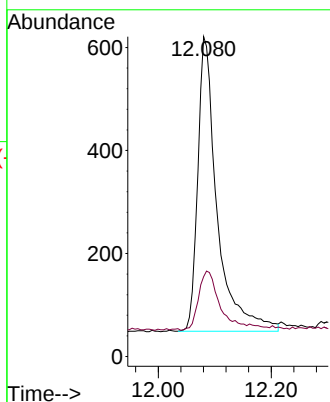
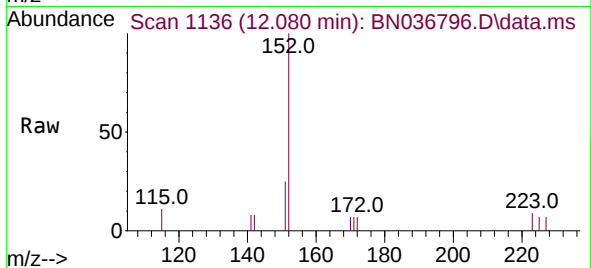




#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.080 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

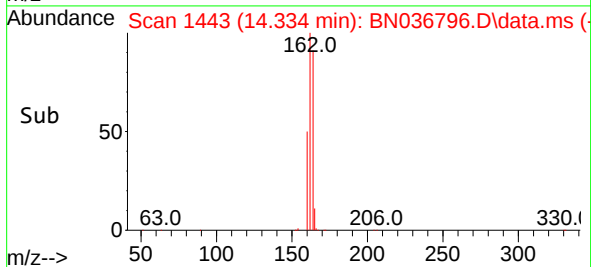
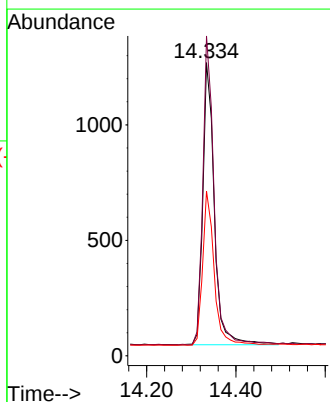
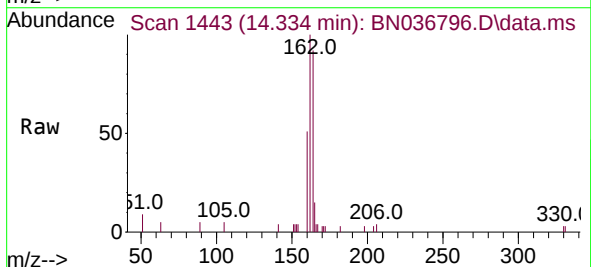
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1365
Ion Ratio Lower Upper
152 100
151 21.6 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: BN036796.D
Acq: 29 Mar 2025 05:43

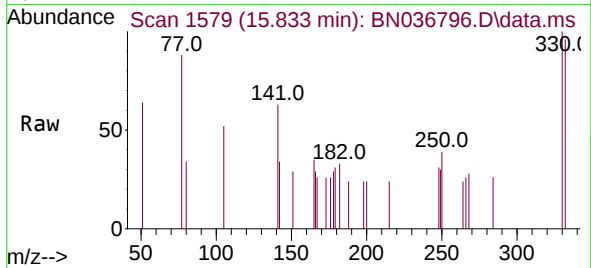
Tgt Ion:164 Resp: 2187
Ion Ratio Lower Upper
164 100
162 109.1 84.2 126.2
160 56.2 42.2 63.2



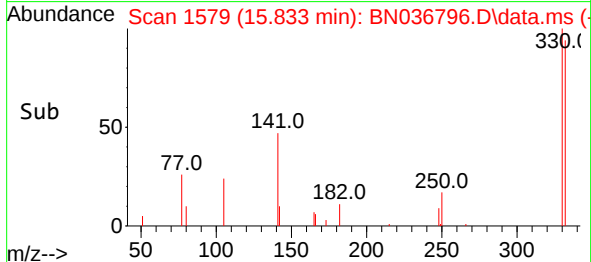
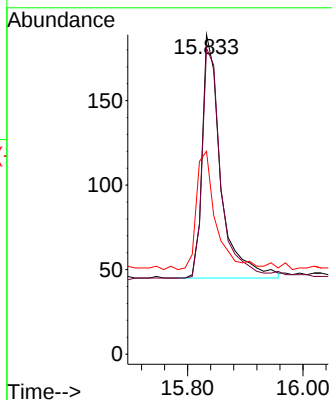


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

Instrument :
BNA_N
ClientSampleId :

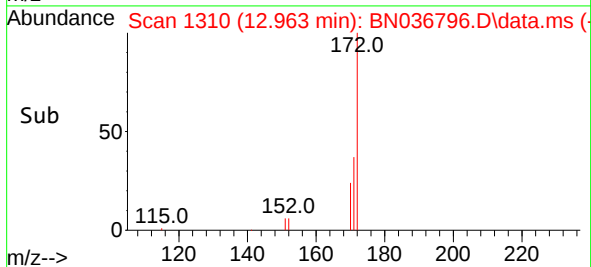
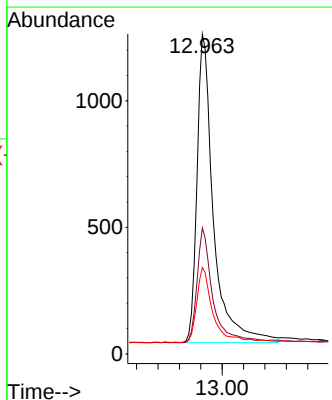
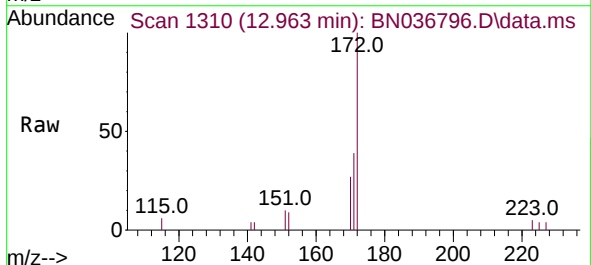


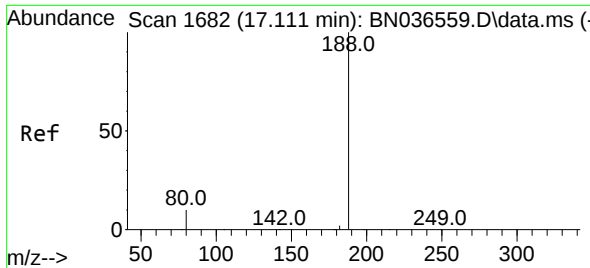
Tgt Ion:330 Resp: 321
Ion Ratio Lower Upper
330 100
332 96.9 75.2 112.8
141 51.4 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

Tgt Ion:172 Resp: 3360
Ion Ratio Lower Upper
172 100
171 39.4 29.5 44.3
170 27.0 20.2 30.4

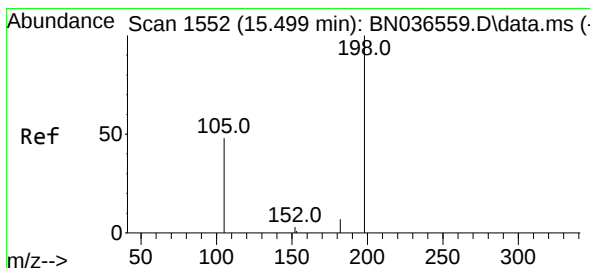
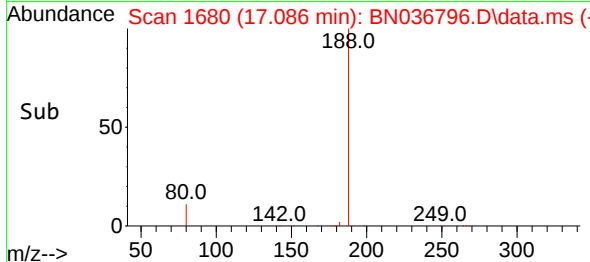
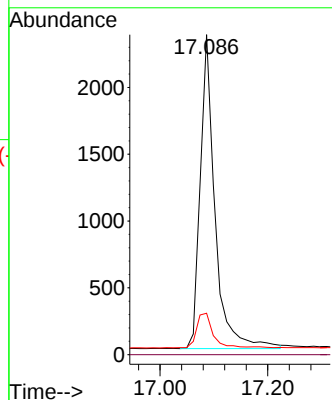
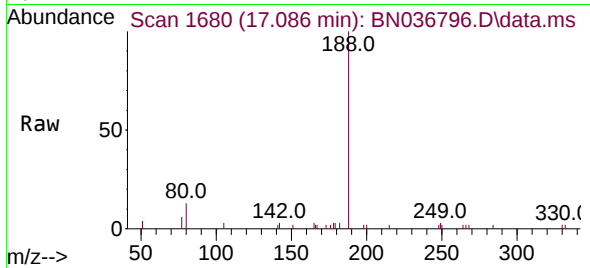




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

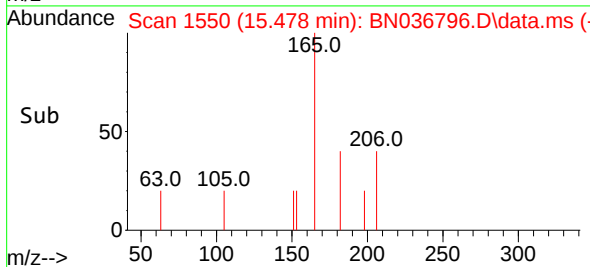
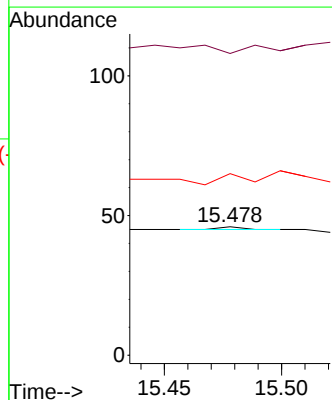
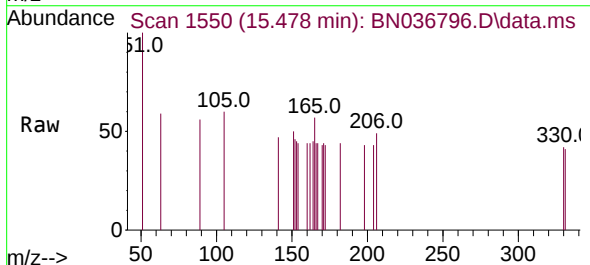
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 4472
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

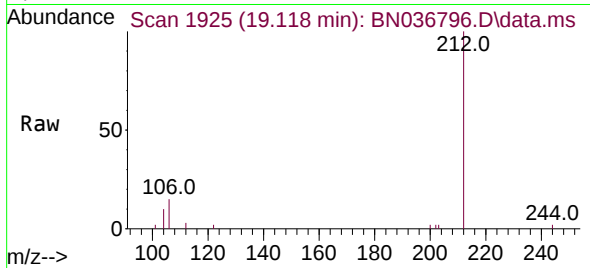
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 234.8 107.9 161.9#
105 141.3 56.2 84.2#



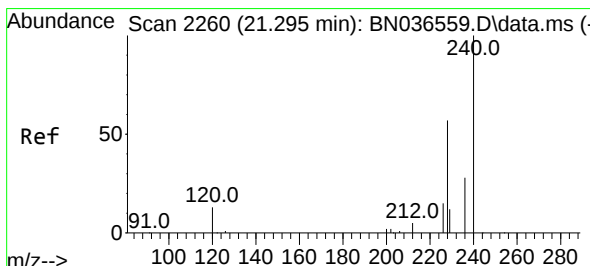
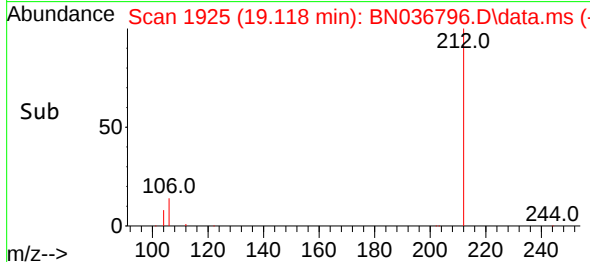
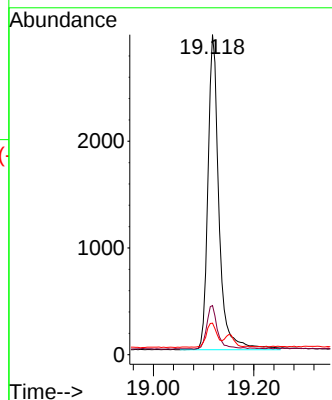


#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.118 min Scan# 19
Delta R.T. -0.023 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

Instrument :
BNA_N
ClientSampleId :

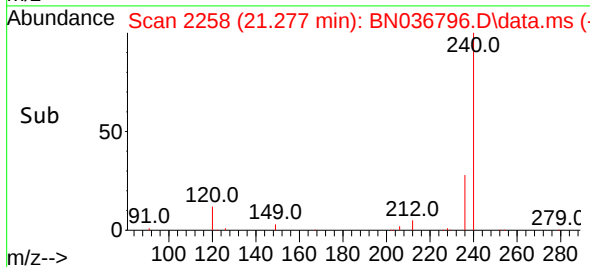
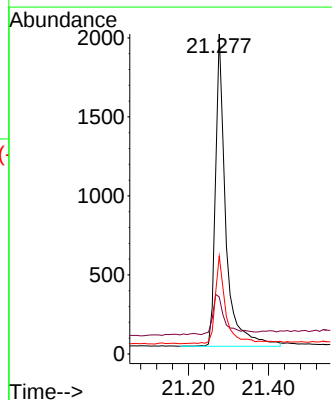
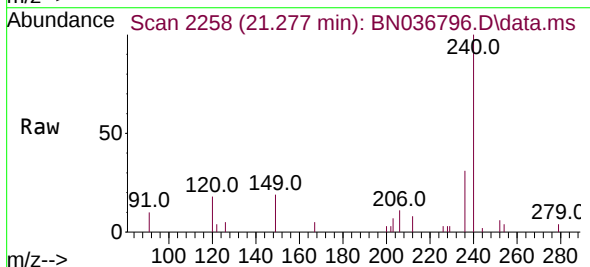


Tgt Ion:212 Resp: 4505
Ion Ratio Lower Upper
212 100
106 13.7 11.8 17.6
104 7.5 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

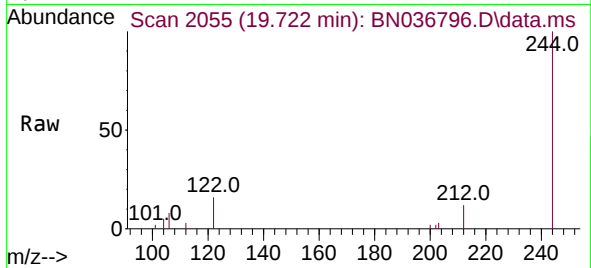
Tgt Ion:240 Resp: 3538
Ion Ratio Lower Upper
240 100
120 17.8 14.6 22.0
236 30.6 24.1 36.1



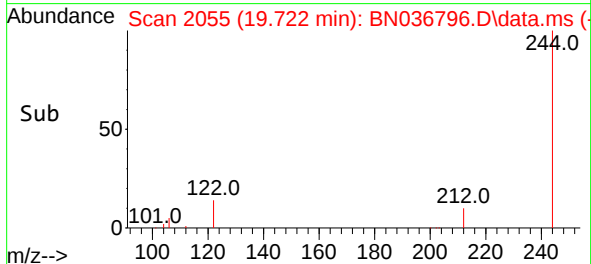
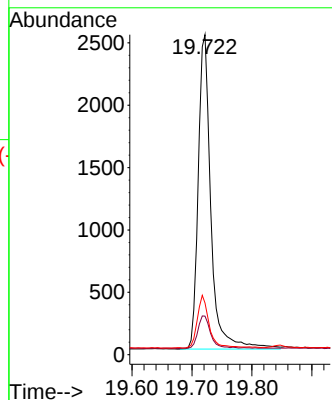


#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.722 min Scan# 2060
Delta R.T. -0.023 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

Instrument :
BNA_N
ClientSampleId :

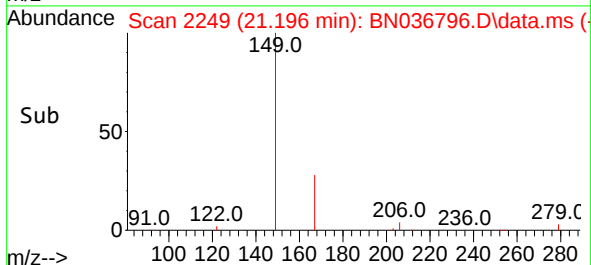
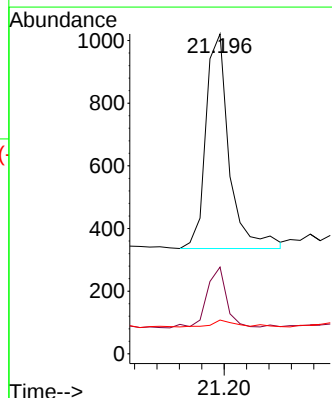
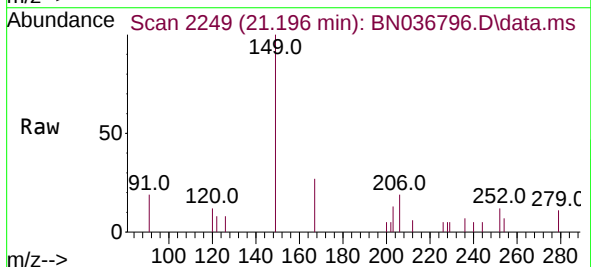


Tgt Ion:244 Resp: 3707
Ion Ratio Lower Upper
244 100
212 12.0 9.6 14.4
122 16.1 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

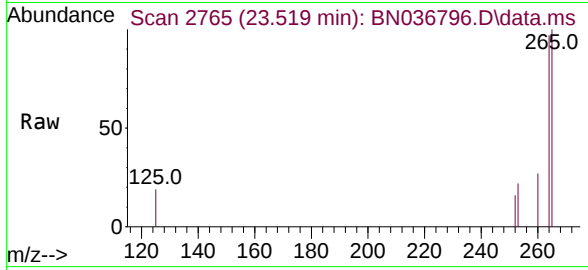
Tgt Ion:149 Resp: 993
Ion Ratio Lower Upper
149 100
167 24.2 20.7 31.1
279 3.5 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 21
Delta R.T. -0.035 min
Lab File: BN036796.D
Acq: 29 Mar 2025 05:43

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	2845
Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.6	33.8
265	103.6	88.1	132.1

