

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036775.D
 Acq On : 28 Mar 2025 16:25
 Operator : RC/JU
 Sample : Q1608-10DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 18:22:37 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)

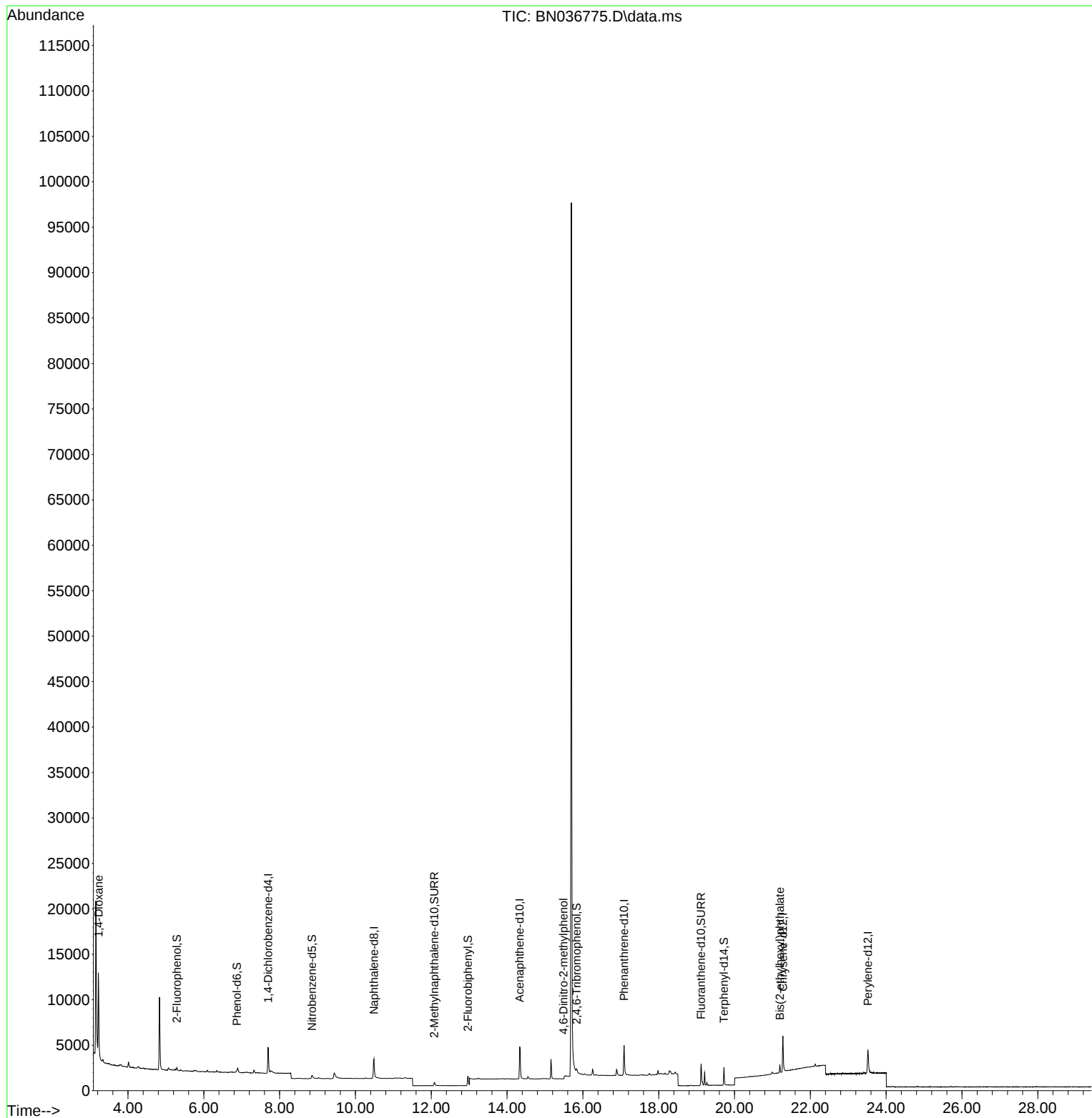
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1382	0.400	ng	-0.03
7) Naphthalene-d8	10.488	136	3369	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2315	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	5117	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4327	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3811	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	232	0.072	ng	-0.02
5) Phenol-d6	6.872	99	179	0.045	ng	-0.03
8) Nitrobenzene-d5	8.854	82	495	0.135	ng	-0.02
11) 2-Methylnaphthalene-d10	12.081	152	687	0.137	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	221	0.210	ng	-0.02
15) 2-Fluorobiphenyl	12.968	172	1690	0.125	ng	-0.02
27) Fluoranthene-d10	19.118	212	2923	0.223	ng	-0.02
31) Terphenyl-d14	19.722	244	2026	0.195	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.225	88	5106	3.331	ng	95
20) 4,6-Dinitro-2-methylph...	15.489	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	926	0.086	ng	# 94

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

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BNA_N
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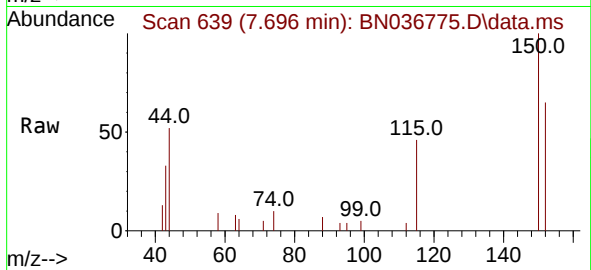
Quant Time: Mar 28 18:22:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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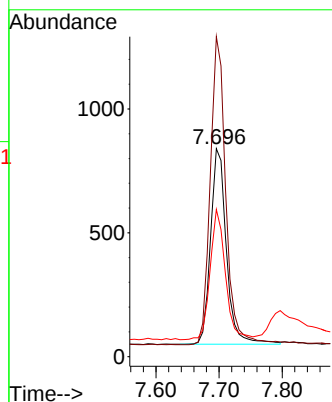
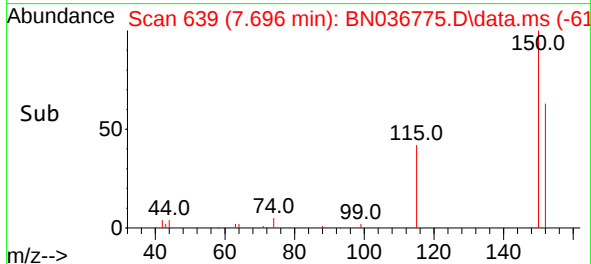


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN036775.D
 Acq: 28 Mar 2025 16:25

Instrument :
 BNA_N
 ClientSampleId :

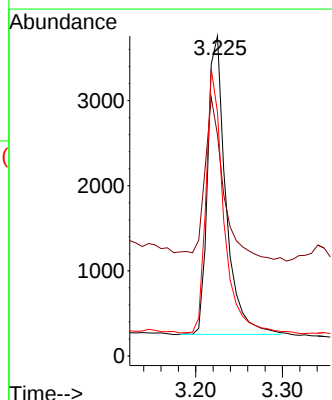
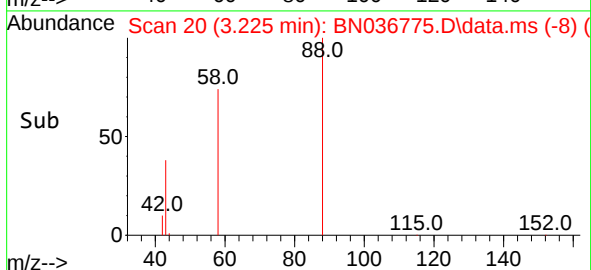
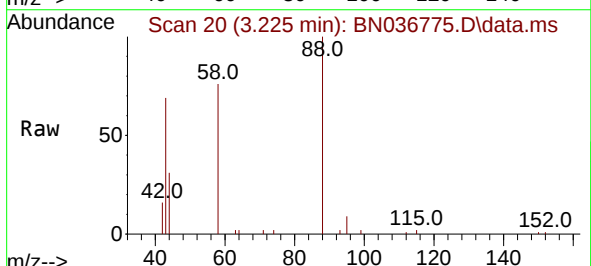


Tgt Ion:152 Resp: 1382
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.7 185.5
 115 70.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.331 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036775.D
 Acq: 28 Mar 2025 16:25

Tgt Ion: 88 Resp: 5106
 Ion Ratio Lower Upper
 88 100
 43 55.4 37.8 56.8
 58 85.7 67.4 101.2

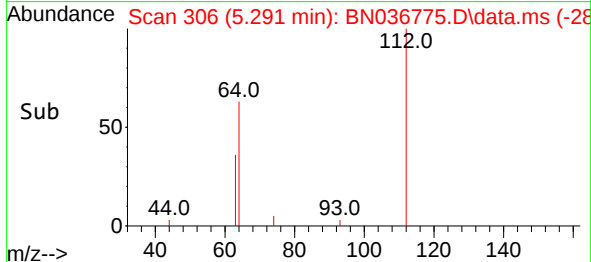
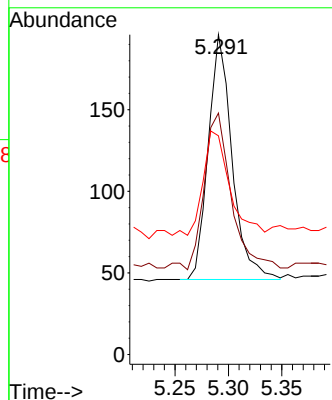
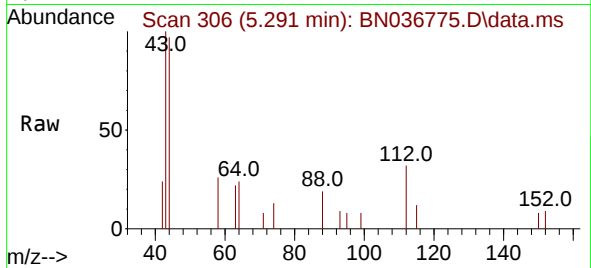




#4
2-Fluorophenol
Concen: 0.072 ng
RT: 5.291 min Scan# 309
Delta R.T. -0.021 min
Lab File: BN036775.D
Acq: 28 Mar 2025 16:25

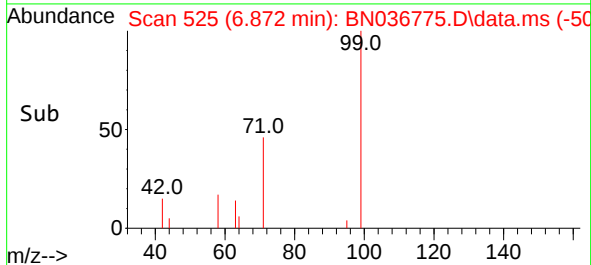
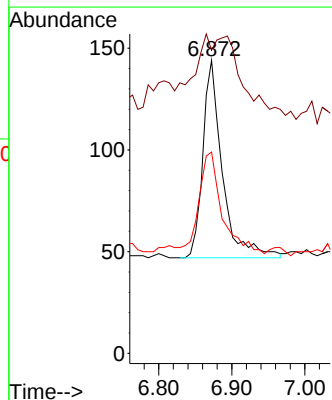
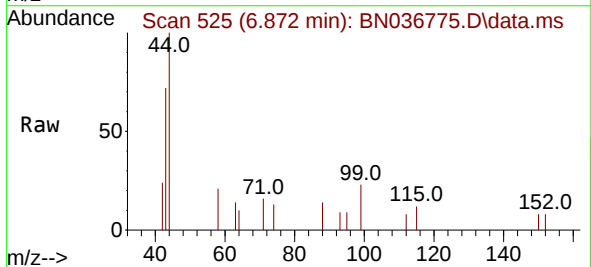
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 232
Ion Ratio Lower Upper
112 100
64 71.6 53.1 79.7
63 47.4 31.8 47.8



#5
Phenol-d6
Concen: 0.045 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036775.D
Acq: 28 Mar 2025 16:25

Tgt Ion: 99 Resp: 179
Ion Ratio Lower Upper
99 100
42 16.2 26.5 39.7#
71 60.9 34.1 51.1#

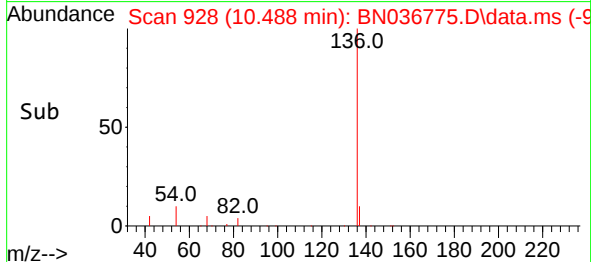
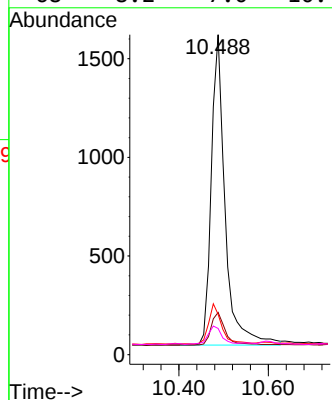
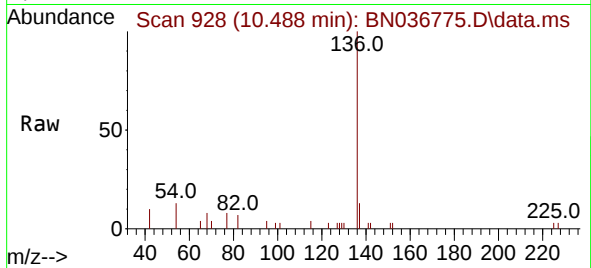




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036775.D
Acq: 28 Mar 2025 16:25

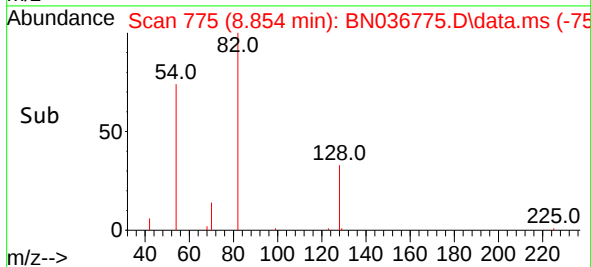
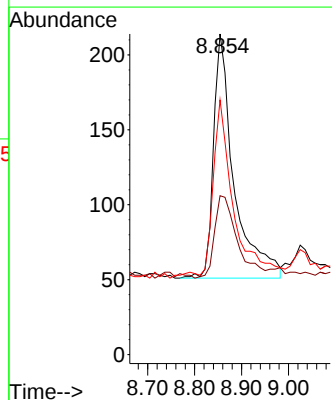
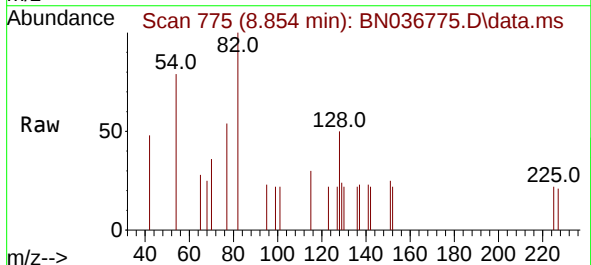
Instrument :
BNA_N
ClientSampleId :

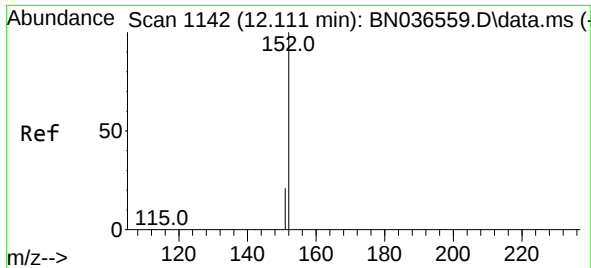
Tgt Ion:136	Resp:	3369
Ion Ratio	Lower	Upper
136	100	
137	13.2	10.3 15.5
54	12.6	11.5 17.3
68	8.2	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.135 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036775.D
Acq: 28 Mar 2025 16:25

Tgt Ion: 82	Resp:	495
Ion Ratio	Lower	Upper
82	100	
128	49.5	30.6 45.8#
54	79.4	52.2 78.4#

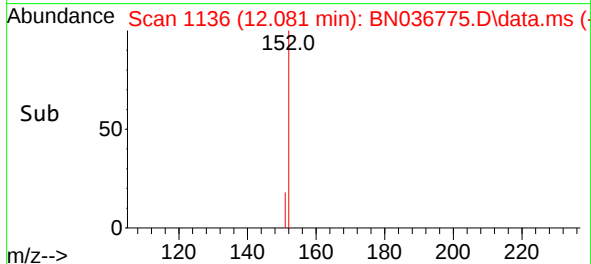
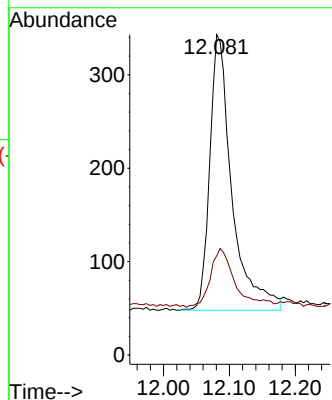
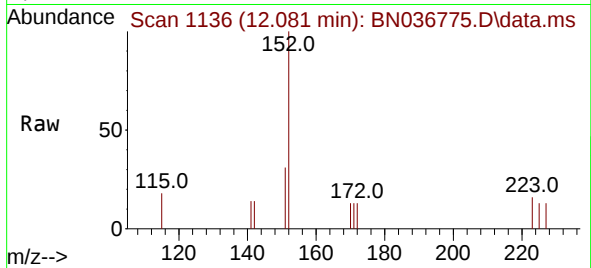




#11
2-Methylnaphthalene-d10
Concen: 0.137 ng
RT: 12.081 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036775.D
Acq: 28 Mar 2025 16:25

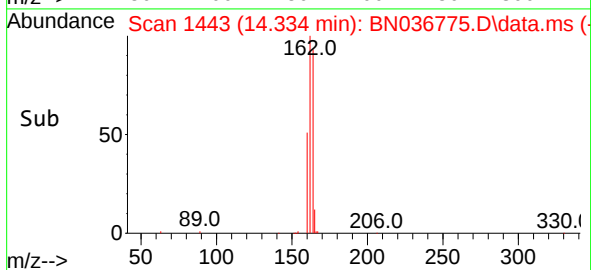
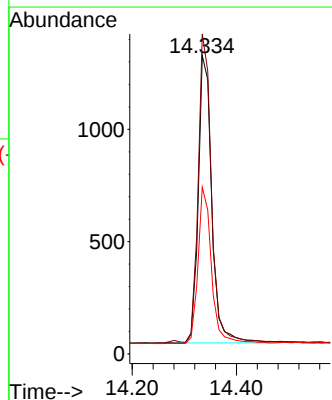
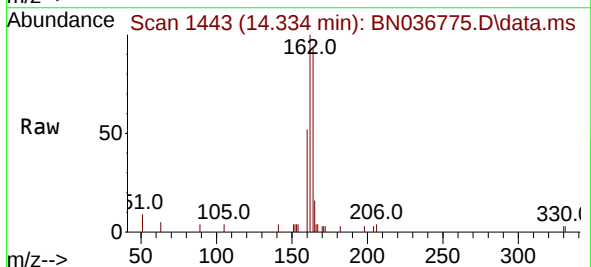
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 687
Ion Ratio Lower Upper
152 100
151 24.2 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: BN036775.D
Acq: 28 Mar 2025 16:25

Tgt Ion:164 Resp: 2315
Ion Ratio Lower Upper
164 100
162 107.2 84.2 126.2
160 55.8 42.2 63.2

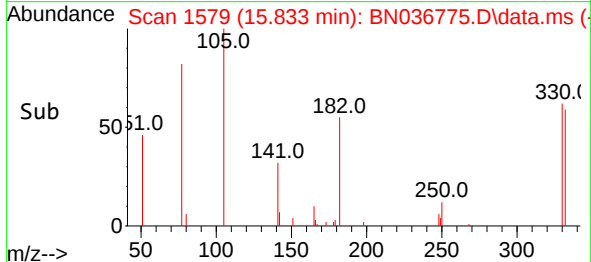
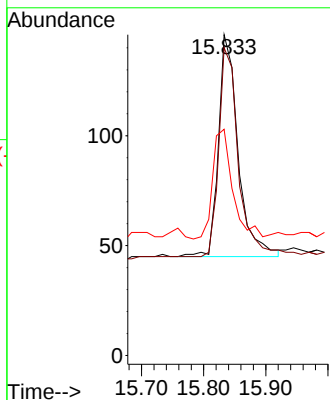
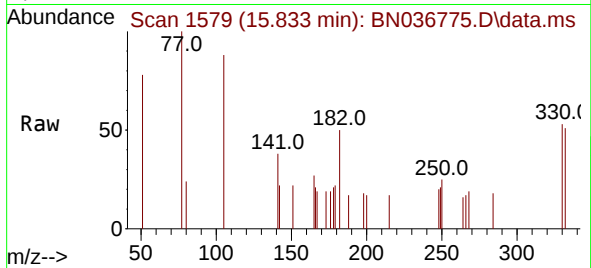




#14
2,4,6-Tribromophenol
Concen: 0.210 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036775.D
Acq: 28 Mar 2025 16:25

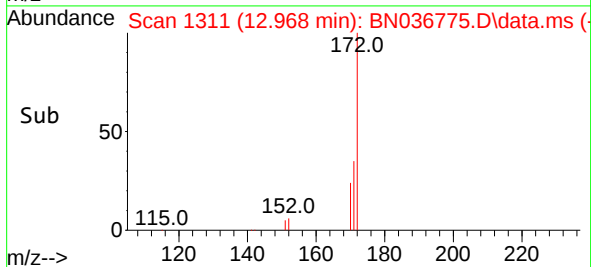
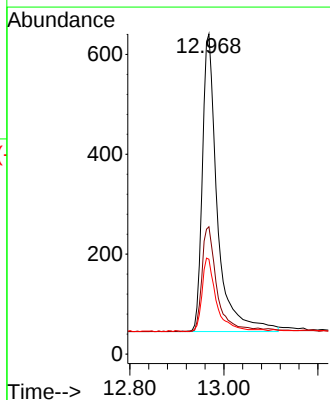
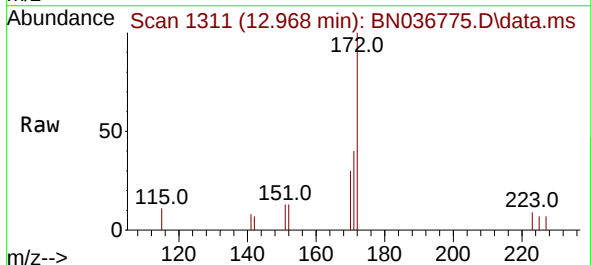
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 221
Ion Ratio Lower Upper
330 100
332 95.0 75.2 112.8
141 51.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.125 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036775.D
Acq: 28 Mar 2025 16:25

Tgt Ion:172 Resp: 1690
Ion Ratio Lower Upper
172 100
171 39.8 29.5 44.3
170 29.6 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN036775.D

Acq: 28 Mar 2025 16:25

Instrument :

BNA_N

ClientSampleId :

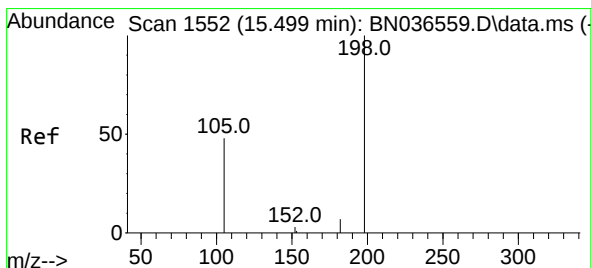
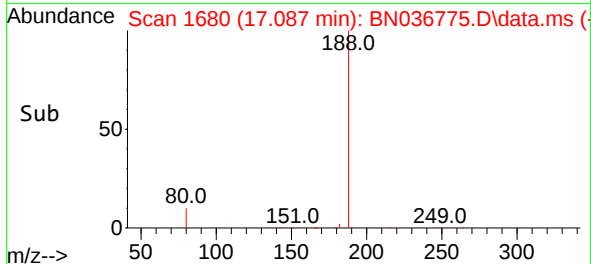
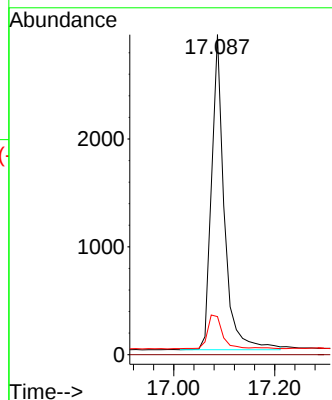
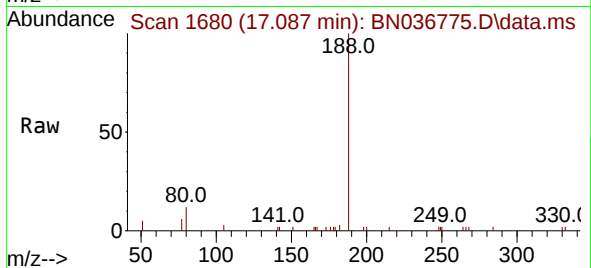
Tgt Ion:188 Resp: 5117

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.146 ng

RT: 15.489 min Scan# 1551

Delta R.T. -0.010 min

Lab File: BN036775.D

Acq: 28 Mar 2025 16:25

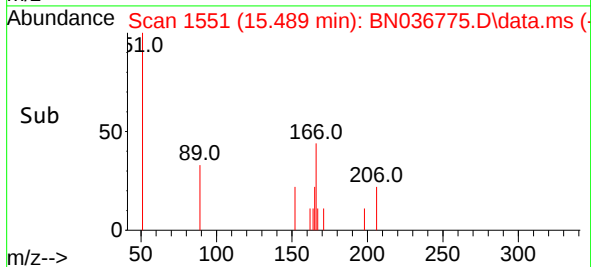
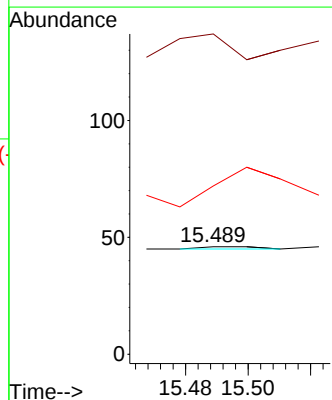
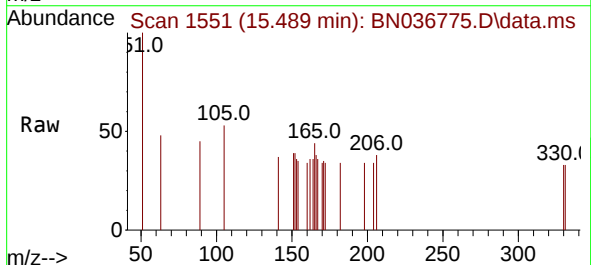
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 297.8 107.9 161.9#

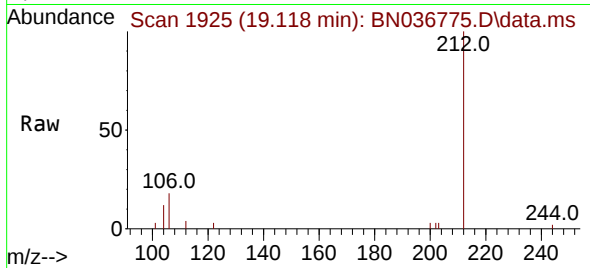
105 156.5 56.2 84.2#



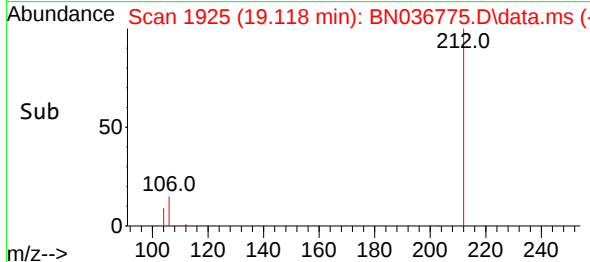
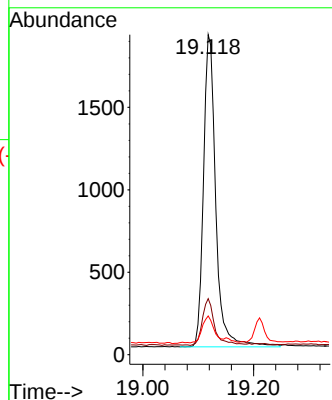


#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 19.118 min Scan# 19
Delta R.T. -0.023 min
Lab File: BN036775.D
Acq: 28 Mar 2025 16:25

Instrument :
BNA_N
ClientSampleId :

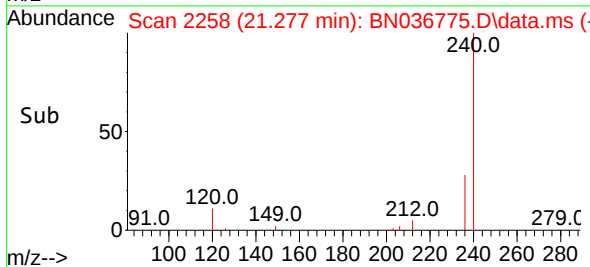
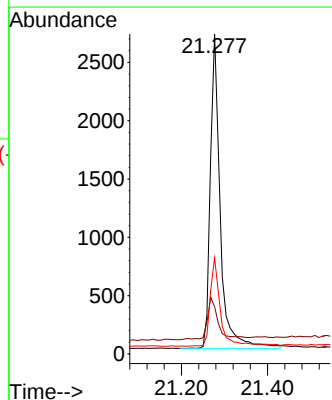
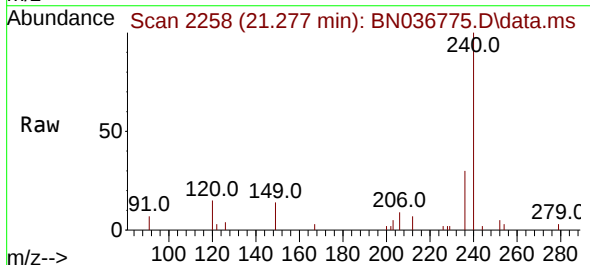


Tgt Ion:212 Resp: 2923
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 8.3 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036775.D
Acq: 28 Mar 2025 16:25

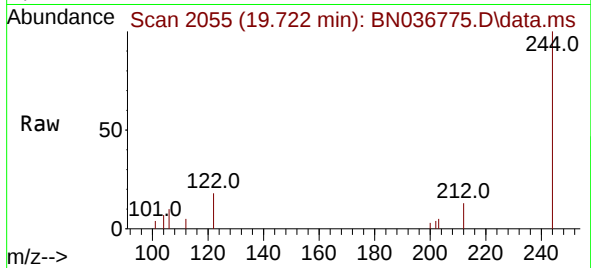
Tgt Ion:240 Resp: 4327
Ion Ratio Lower Upper
240 100
120 14.8 14.6 22.0
236 30.1 24.1 36.1



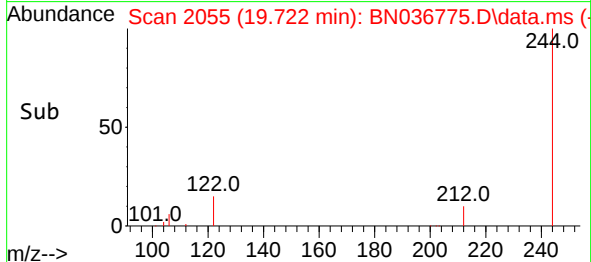
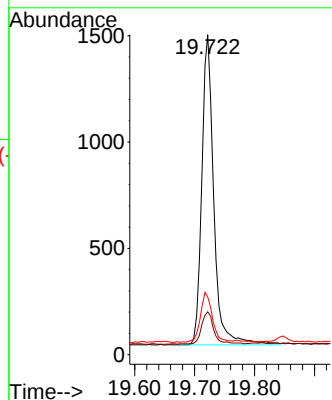


#31
 Terphenyl-d14
 Concen: 0.195 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036775.D
 Acq: 28 Mar 2025 16:25

Instrument :
 BNA_N
 ClientSampleId :

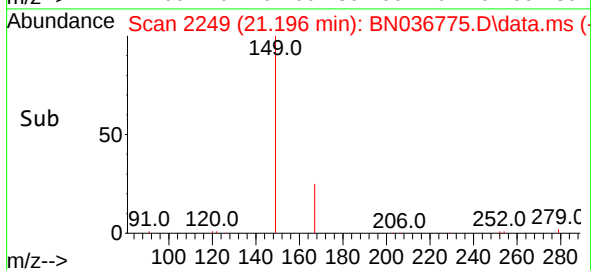
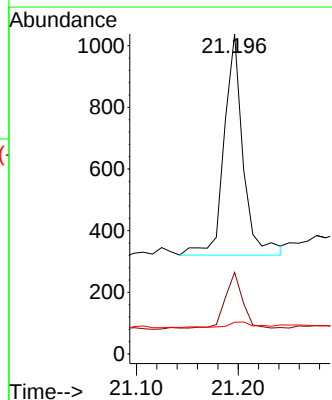
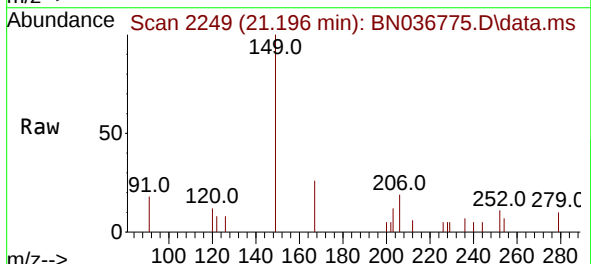


Tgt Ion:244 Resp: 2026
 Ion Ratio Lower Upper
 244 100
 212 13.4 9.6 14.4
 122 18.1 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.086 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036775.D
 Acq: 28 Mar 2025 16:25

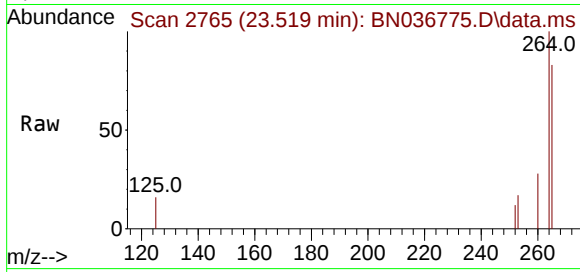
Tgt Ion:149 Resp: 926
 Ion Ratio Lower Upper
 149 100
 167 22.8 20.7 31.1
 279 3.6 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BN036775.D
 Acq: 28 Mar 2025 16:25

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 3811

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.6	33.8
265	82.9	88.1	132.1#

