

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036801.D
 Acq On : 29 Mar 2025 08:44
 Operator : RC/JU
 Sample : Q1629-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 31 01:59:26 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)

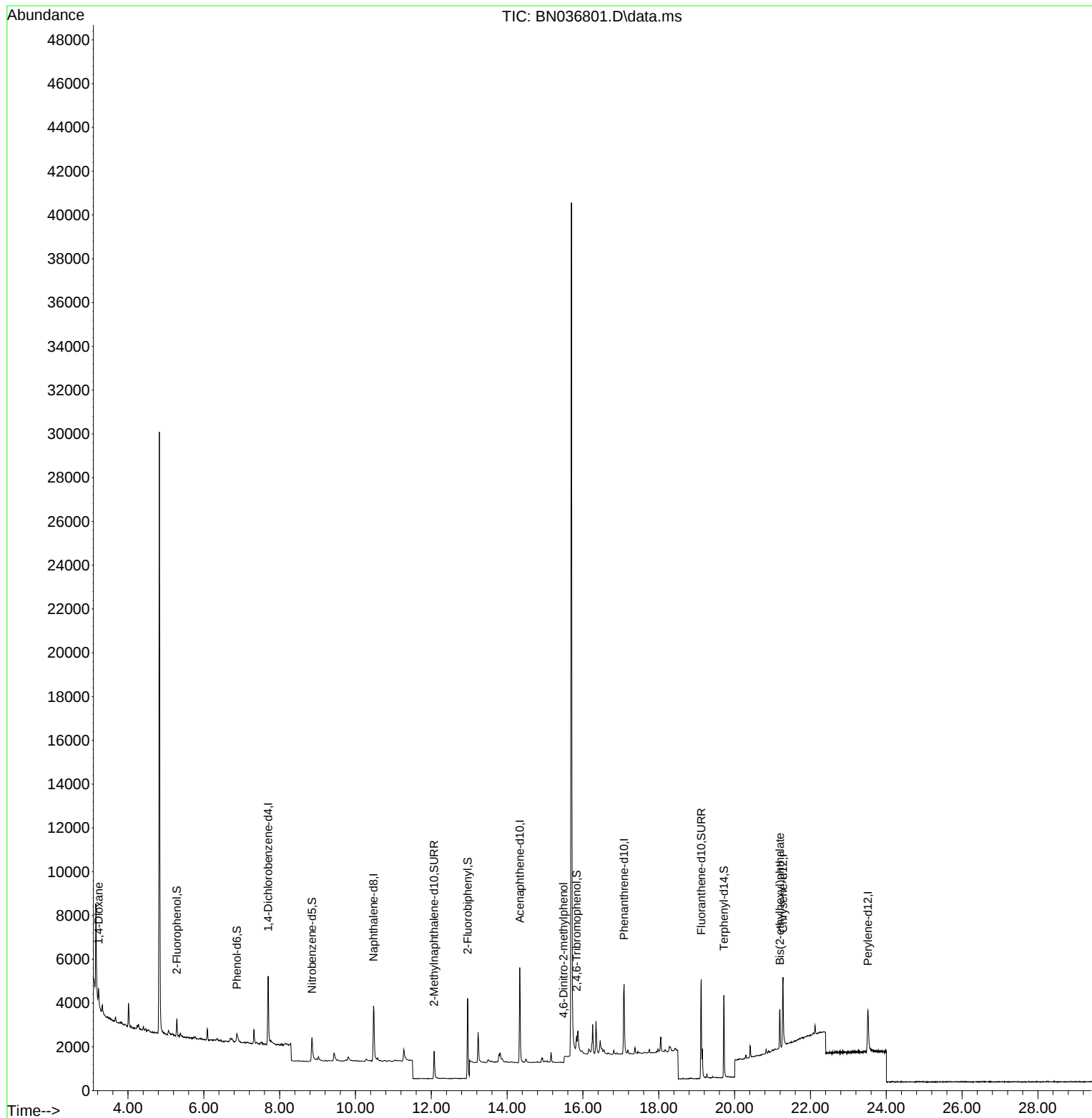
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1638	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	3931	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2498	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	5311	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3784	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	3106	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	574	0.150	ng	-0.02
5) Phenol-d6	6.872	99	404	0.086	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1234	0.289	ng	-0.02
11) 2-Methylnaphthalene-d10	12.076	152	1961	0.335	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	432	0.381	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	4892	0.337	ng	-0.03
27) Fluoranthene-d10	19.118	212	5561	0.409	ng	-0.02
31) Terphenyl-d14	19.717	244	3909	0.431	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	439	0.242	ng	# 46
20) 4,6-Dinitro-2-methylph...	15.489	198	1	0.146	ng	# 3
34) Bis(2-ethylhexyl)phtha...	21.196	149	1981	0.211	ng	# 95

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

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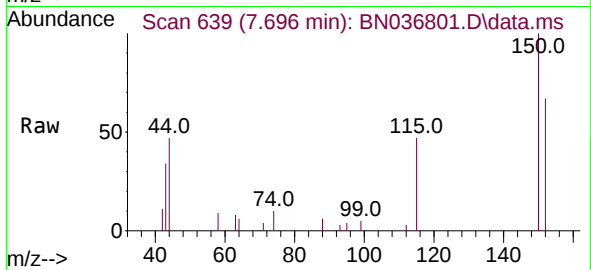
Quant Time: Mar 31 01:59:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



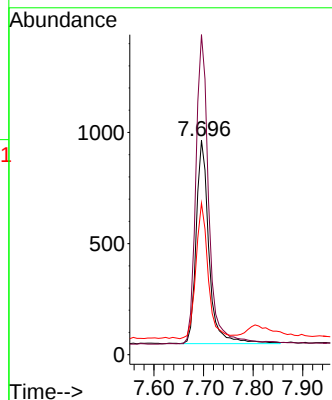
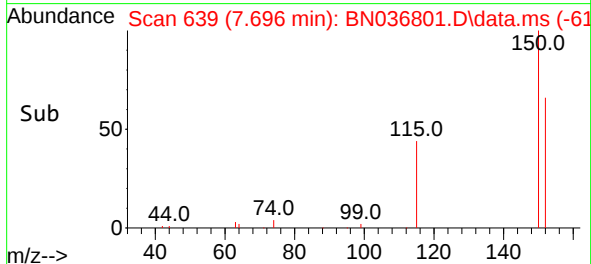


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN036801.D
 Acq: 29 Mar 2025 08:44

Instrument :
 BNA_N
 ClientSampleId :

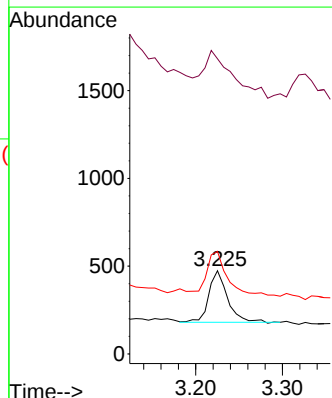
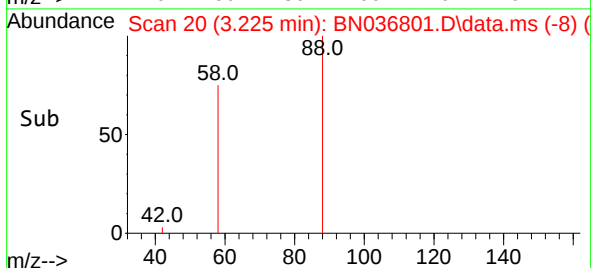
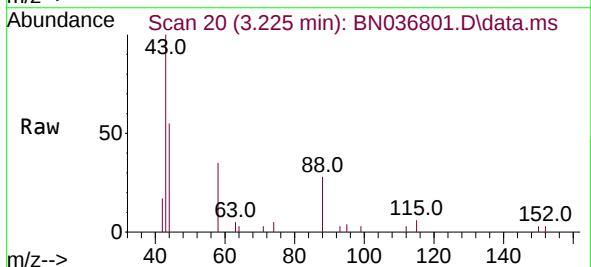


Tgt Ion:152 Resp: 1638
 Ion Ratio Lower Upper
 152 100
 150 149.4 123.7 185.5
 115 70.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.242 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036801.D
 Acq: 29 Mar 2025 08:44

Tgt Ion: 88 Resp: 439
 Ion Ratio Lower Upper
 88 100
 43 126.9 37.8 56.8#
 58 100.0 67.4 101.2

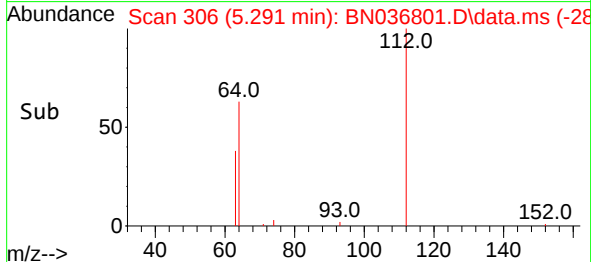
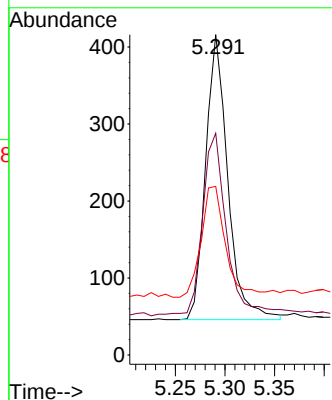
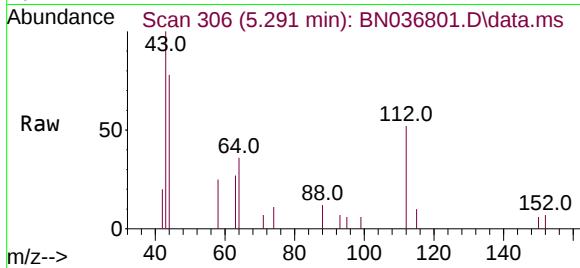




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.291 min Scan# 309
Delta R.T. -0.021 min
Lab File: BN036801.D
Acq: 29 Mar 2025 08:44

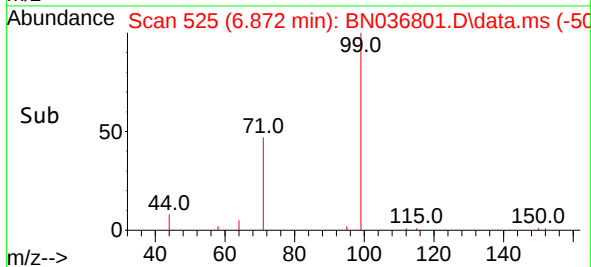
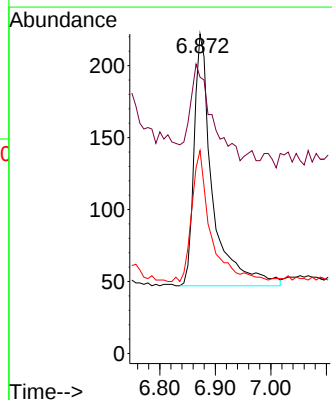
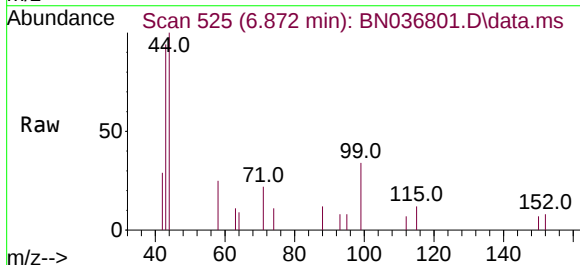
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 574
Ion Ratio Lower Upper
112 100
64 72.8 53.1 79.7
63 43.0 31.8 47.8



#5
Phenol-d6
Concen: 0.086 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036801.D
Acq: 29 Mar 2025 08:44

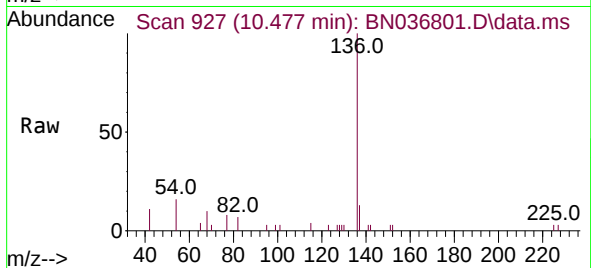
Tgt Ion: 99 Resp: 404
Ion Ratio Lower Upper
99 100
42 44.3 26.5 39.7#
71 53.0 34.1 51.1#



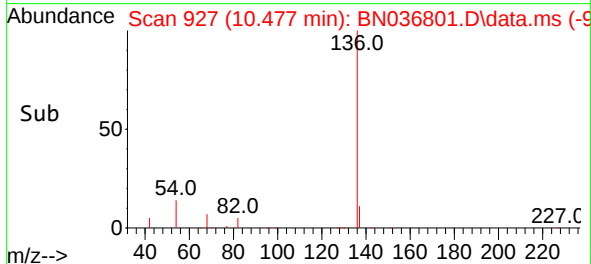
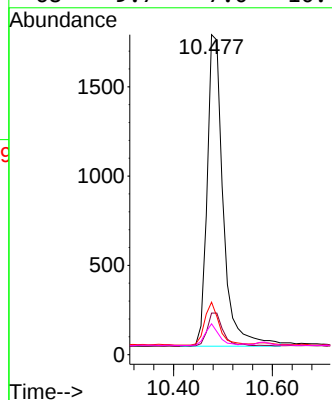


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036801.D
Acq: 29 Mar 2025 08:44

Instrument :
BNA_N
ClientSampleId :

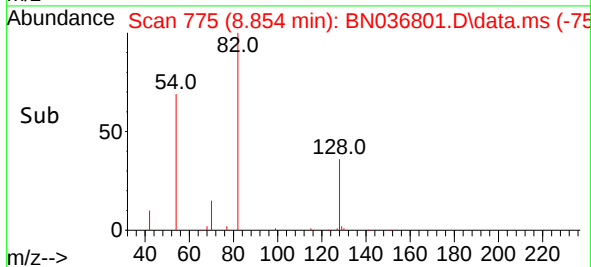
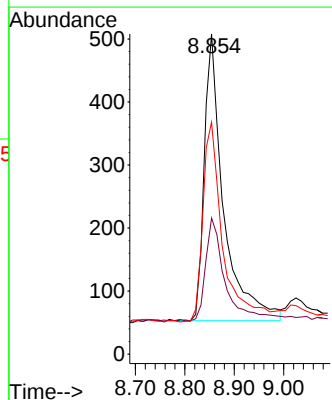
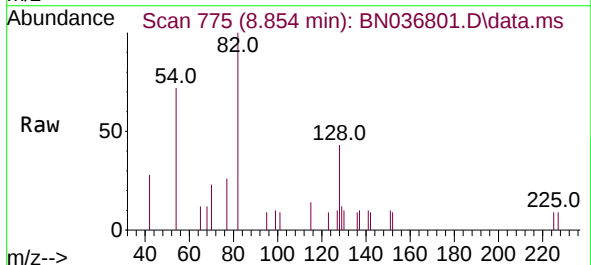


Tgt Ion:136 Resp: 3931
Ion Ratio Lower Upper
136 100
137 13.0 10.3 15.5
54 16.4 11.5 17.3
68 9.7 7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036801.D
Acq: 29 Mar 2025 08:44

Tgt Ion: 82 Resp: 1234
Ion Ratio Lower Upper
82 100
128 42.5 30.6 45.8
54 72.4 52.2 78.4

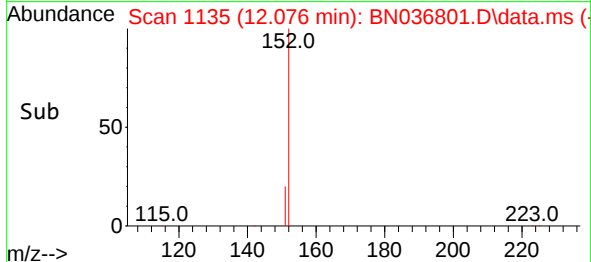
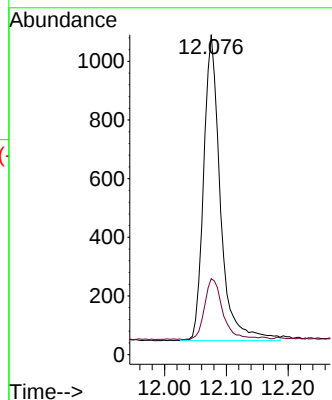
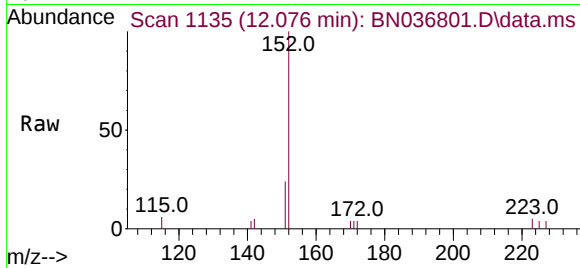




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.076 min Scan# 1142
Delta R.T. -0.035 min
Lab File: BN036801.D
Acq: 29 Mar 2025 08:44

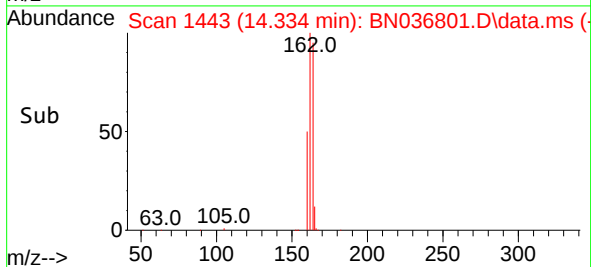
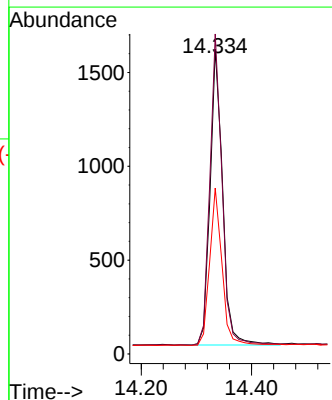
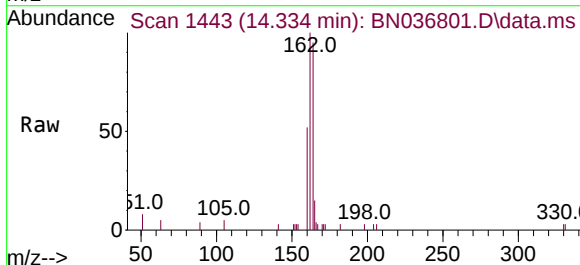
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1961
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: BN036801.D
Acq: 29 Mar 2025 08:44

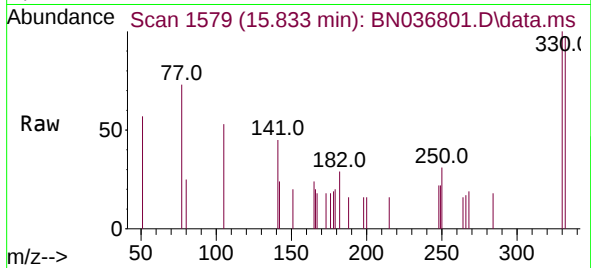
Tgt Ion:164 Resp: 2498
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.2
160 54.4 42.2 63.2



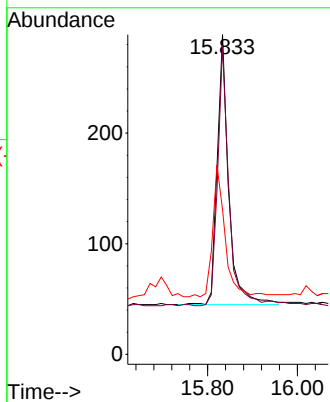
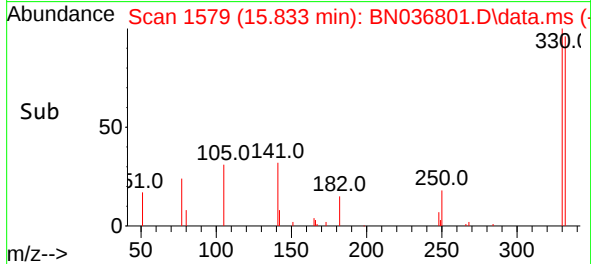


#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036801.D
Acq: 29 Mar 2025 08:44

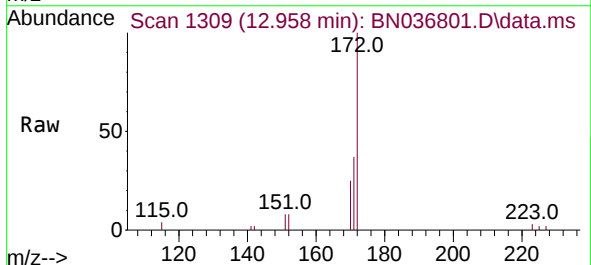
Instrument :
BNA_N
ClientSampleId :



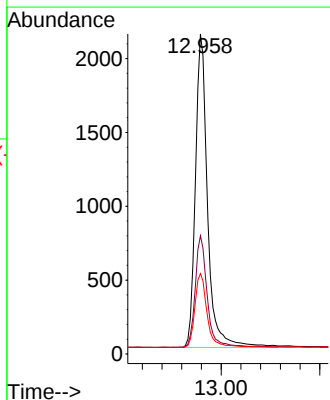
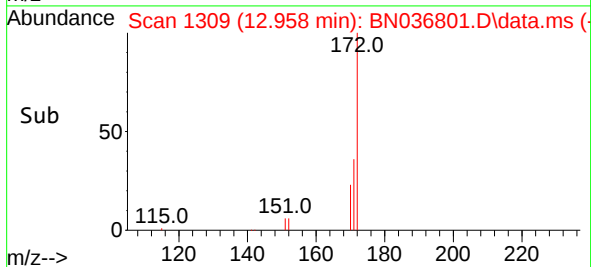
Tgt Ion:330 Resp: 432
Ion Ratio Lower Upper
330 100
332 95.4 75.2 112.8
141 53.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.958 min Scan# 1309
Delta R.T. -0.030 min
Lab File: BN036801.D
Acq: 29 Mar 2025 08:44



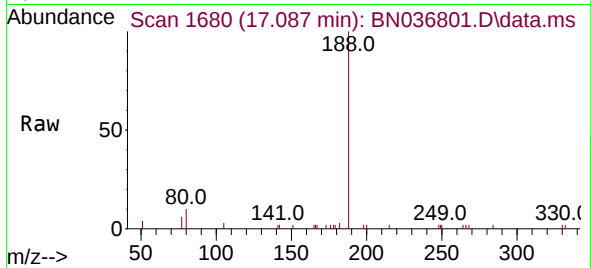
Tgt Ion:172 Resp: 4892
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 25.1 20.2 30.4



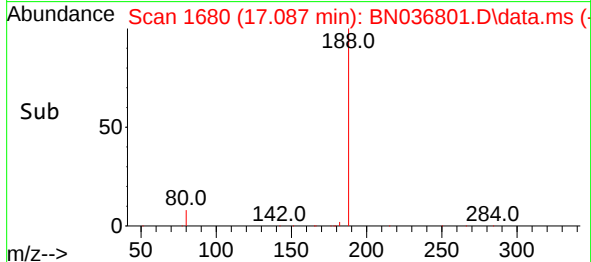
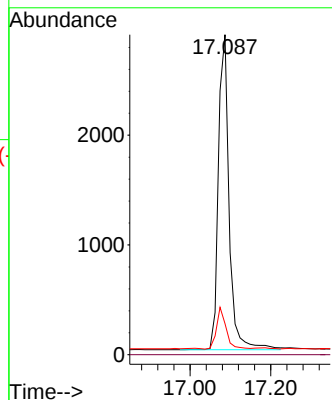


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036801.D
Acq: 29 Mar 2025 08:44

Instrument :
BNA_N
ClientSampleId :

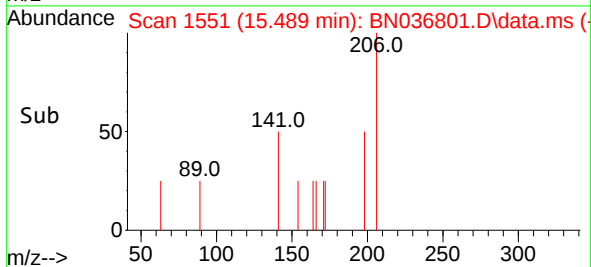
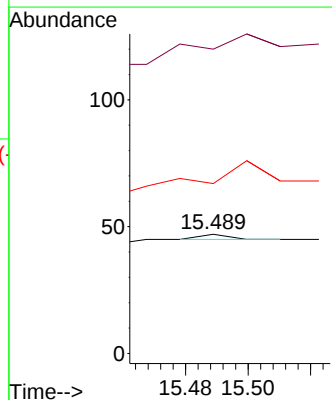
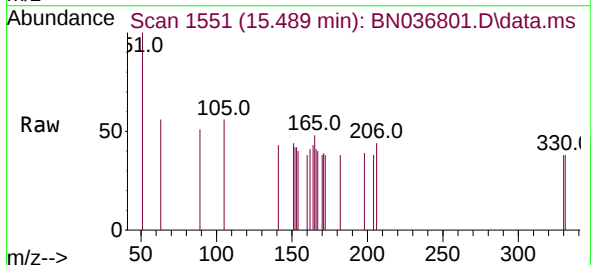


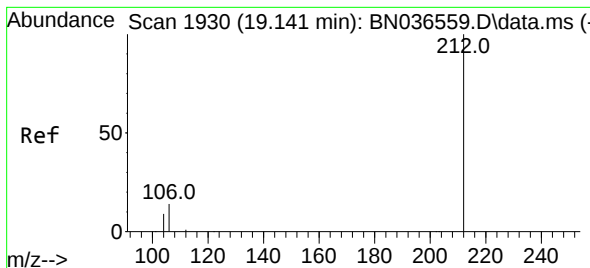
Tgt Ion:188 Resp: 5311
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.010 min
Lab File: BN036801.D
Acq: 29 Mar 2025 08:44

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 255.3 107.9 161.9#
105 142.6 56.2 84.2#





#27

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.118 min Scan# 19

Delta R.T. -0.023 min

Lab File: BN036801.D

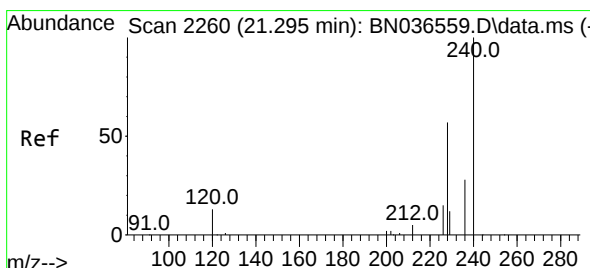
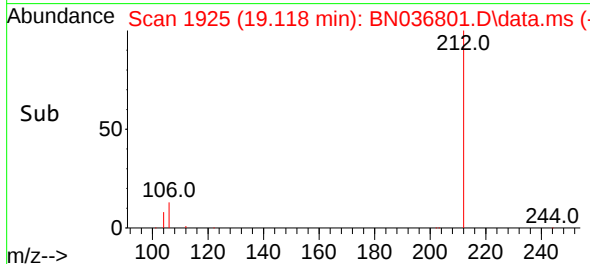
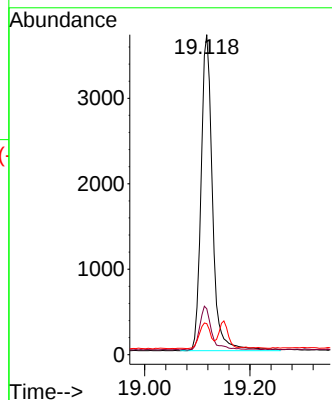
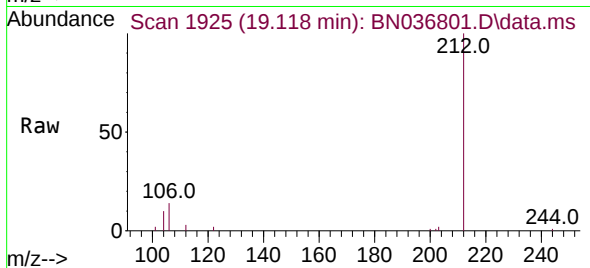
Acq: 29 Mar 2025 08:44

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:212	Resp:	5561
Ion Ratio	Lower	Upper
212	100	
106	14.5	11.8 17.6
104	8.0	7.3 10.9



#29

Chrysene-d12

Concen: 0.400 ng

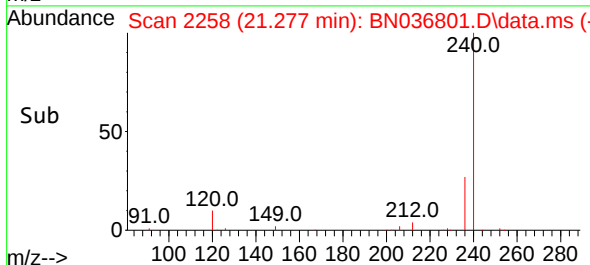
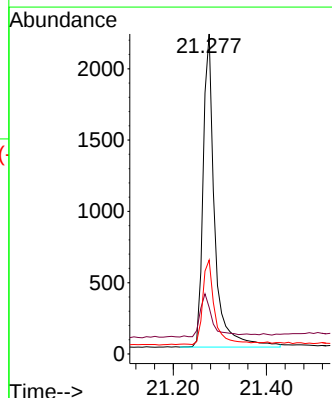
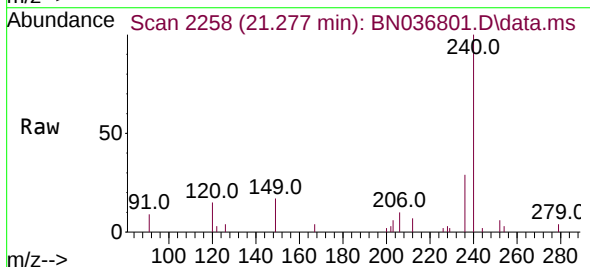
RT: 21.277 min Scan# 2258

Delta R.T. -0.018 min

Lab File: BN036801.D

Acq: 29 Mar 2025 08:44

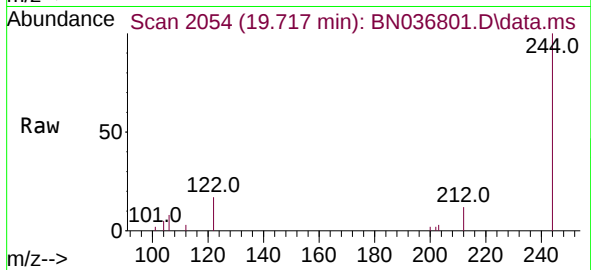
Tgt Ion:240	Resp:	3784
Ion Ratio	Lower	Upper
240	100	
120	14.6	14.6 22.0#
236	29.4	24.1 36.1



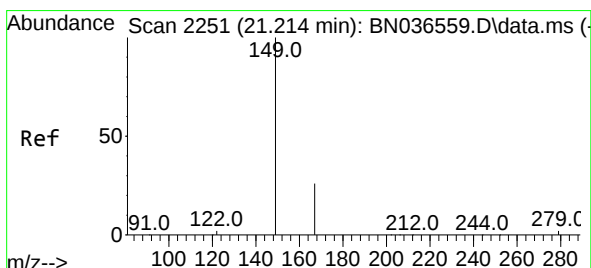
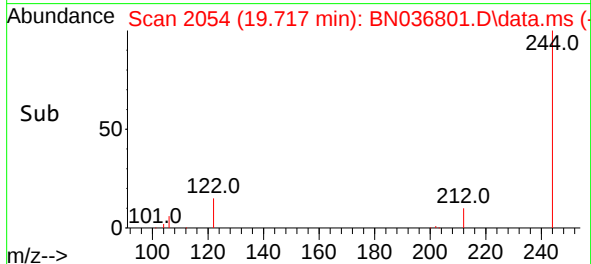
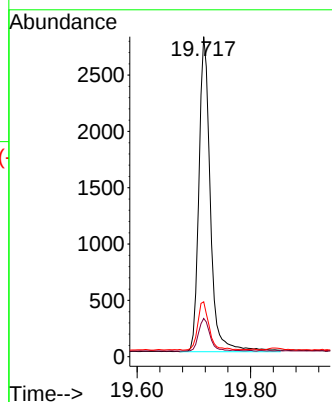


#31
 Terphenyl-d14
 Concen: 0.431 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.028 min
 Lab File: BN036801.D
 Acq: 29 Mar 2025 08:44

Instrument :
 BNA_N
 ClientSampleId :

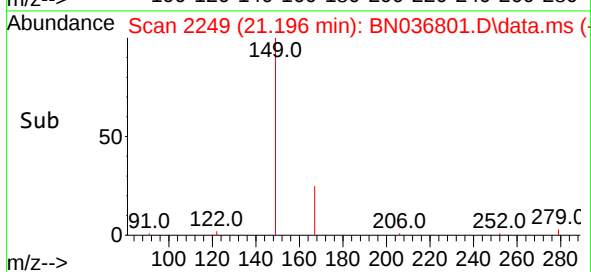
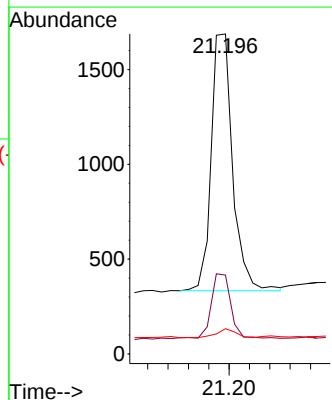
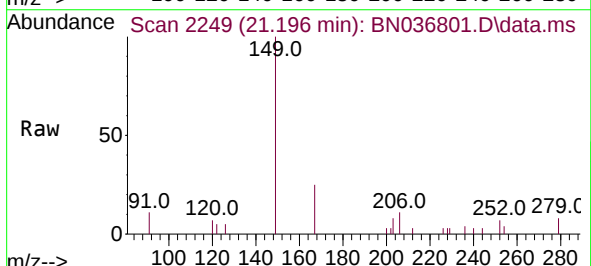


Tgt Ion:244 Resp: 3909
 Ion Ratio Lower Upper
 244 100
 212 12.0 9.6 14.4
 122 17.2 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.211 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036801.D
 Acq: 29 Mar 2025 08:44

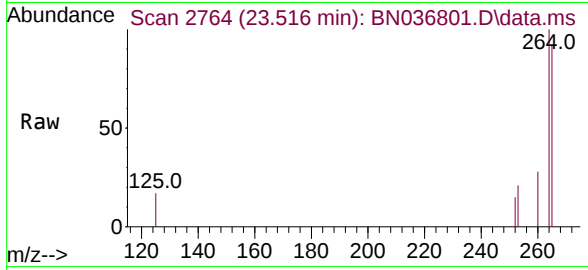
Tgt Ion:149 Resp: 1981
 Ion Ratio Lower Upper
 149 100
 167 23.1 20.7 31.1
 279 2.9 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 21
Delta R.T. -0.038 min
Lab File: BN036801.D
Acq: 29 Mar 2025 08:44

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	3106
Ion	Ratio	Lower	Upper
264	100		
260	28.5	22.6	33.8
265	92.4	88.1	132.1

