

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038035.D
 Acq On : 07 Oct 2025 07:22
 Operator : RC/JU
 Sample : Q3235-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 07 08:10:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

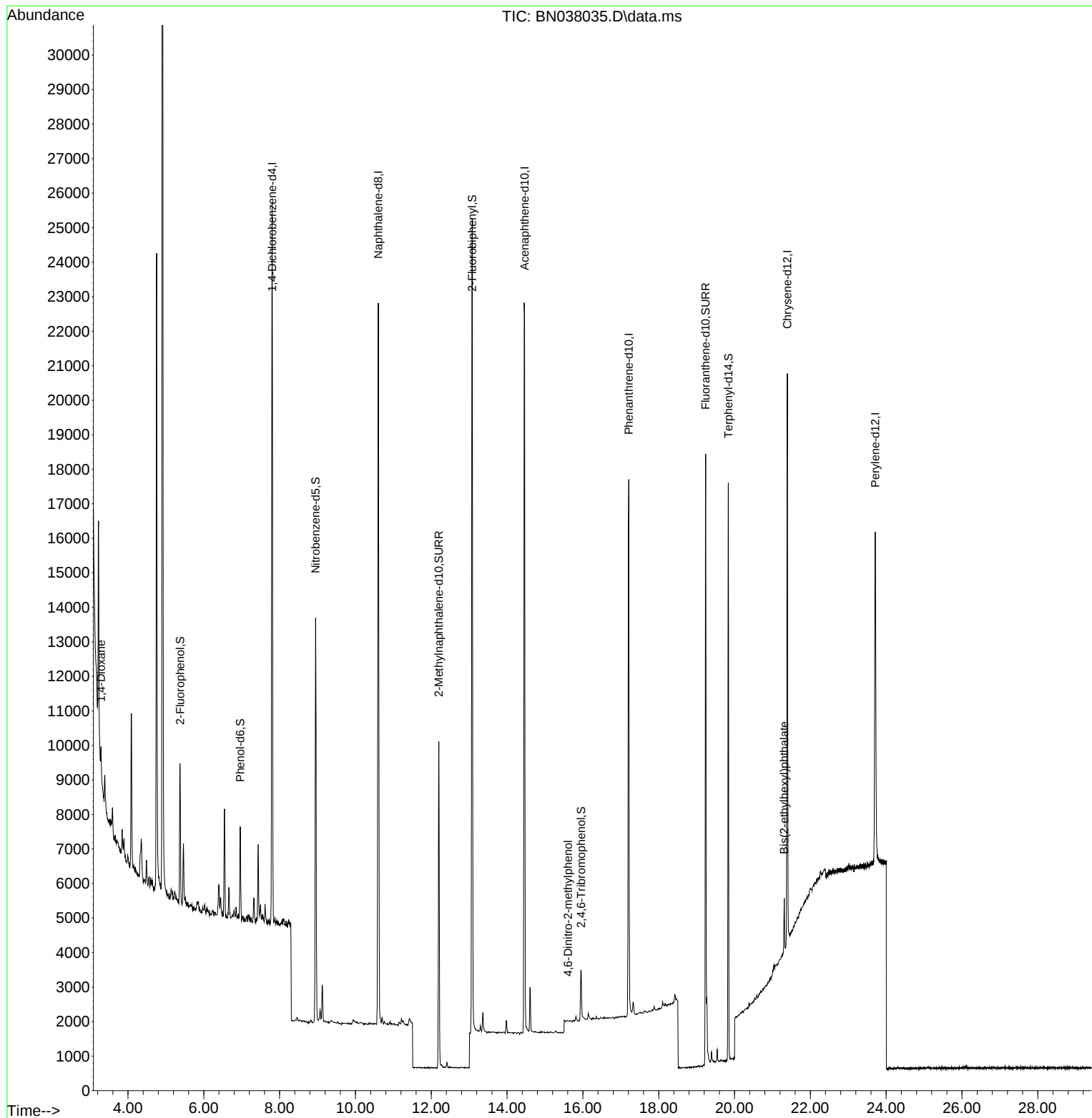
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	10097	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	27762	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	13082	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23156	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	15070	0.400	ng	0.00
35) Perylene-d12	23.712	264	14086	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3244	0.141	ng	0.00
5) Phenol-d6	6.959	99	2370	0.078	ng	-0.01
8) Nitrobenzene-d5	8.950	82	8978	0.424	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	12824	0.333	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	981	0.198	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	23113	0.432	ng	-0.01
27) Fluoranthene-d10	19.239	212	19534	0.335	ng	-0.01
31) Terphenyl-d14	19.838	244	15896	0.530	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.290	88	543	0.053	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.609	198	1	0.068	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	1641	0.079	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038035.D
Acq On : 07 Oct 2025 07:22
Operator : RC/JU
Sample : Q3235-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

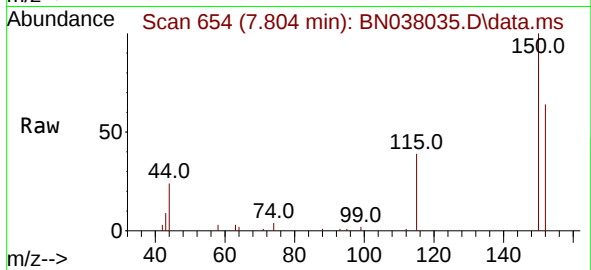
Quant Time: Oct 07 08:10:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



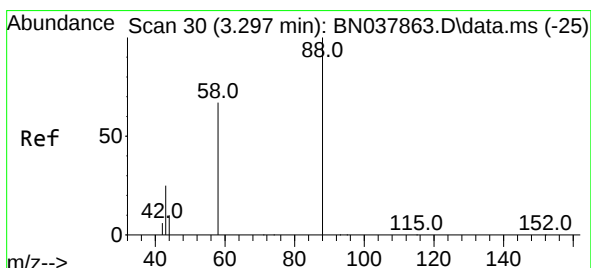
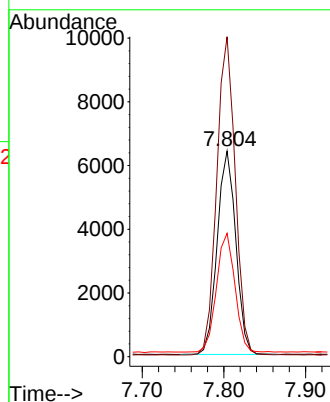
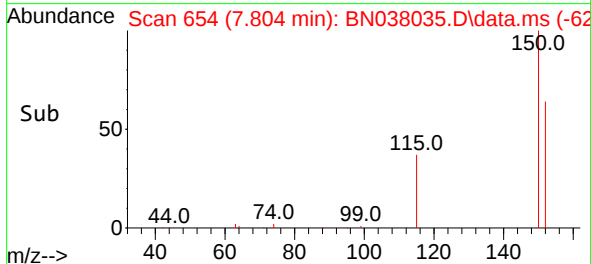


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038035.D
 Acq: 07 Oct 2025 07:22

Instrument :
 BNA_P
 ClientSampleId :

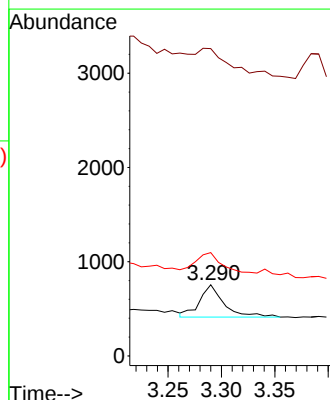
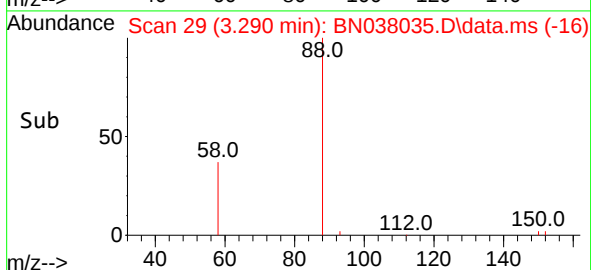
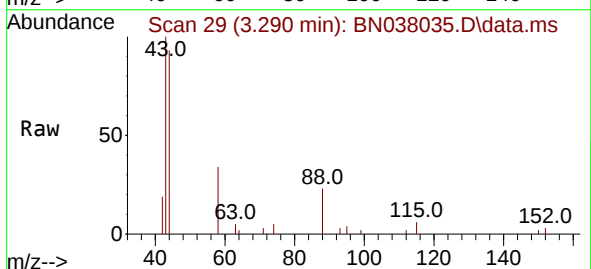


Tgt Ion:152 Resp: 10097
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.0 181.4
 115 60.0 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.053 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN038035.D
 Acq: 07 Oct 2025 07:22

Tgt Ion: 88 Resp: 543
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 65.0 58.9 88.3

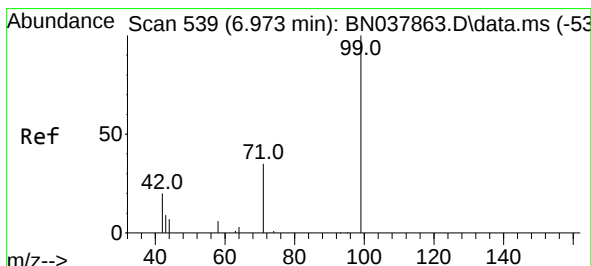
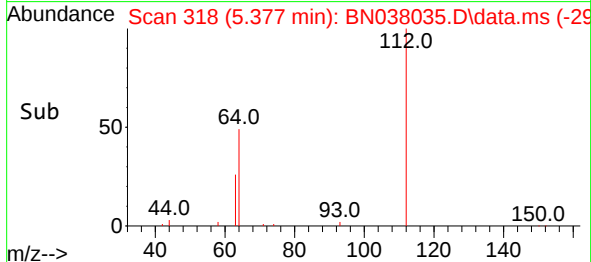
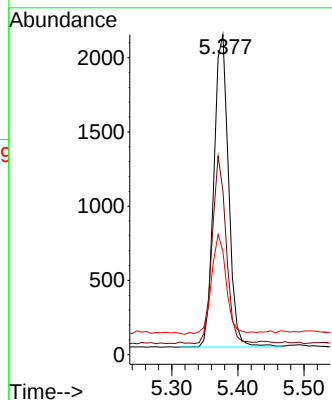
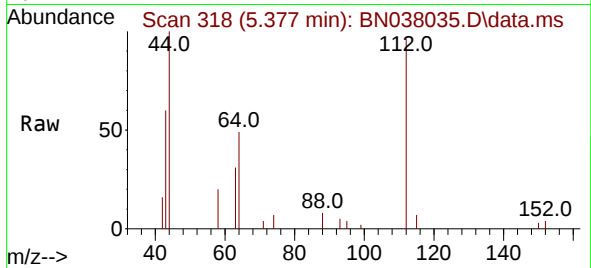




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

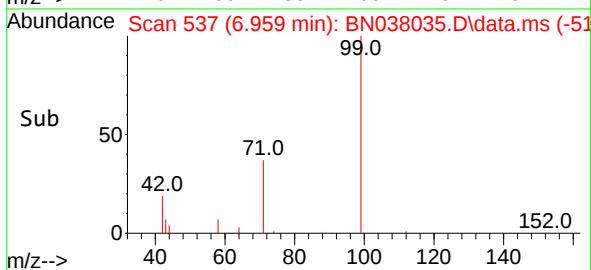
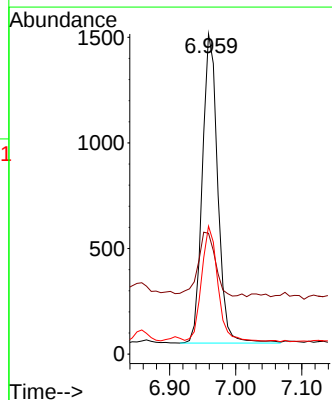
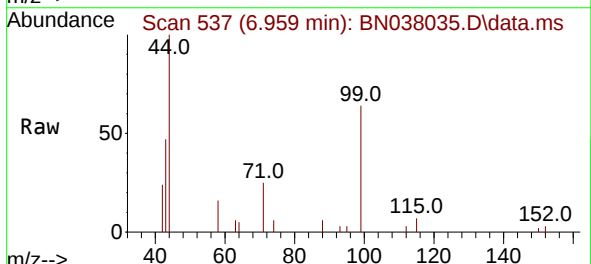
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:112 Resp: 3244
Ion Ratio Lower Upper
112 100
64 56.9 44.6 66.8
63 32.6 24.9 37.3



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.014 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Tgt Ion: 99 Resp: 2370
Ion Ratio Lower Upper
99 100
42 22.9 17.2 25.8
71 38.9 27.3 40.9

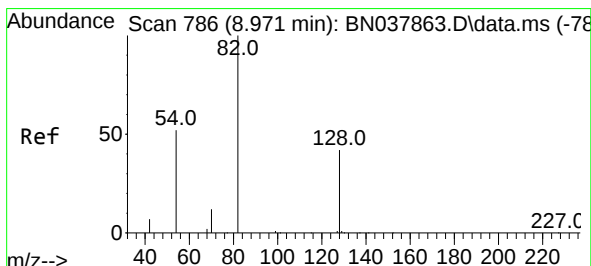
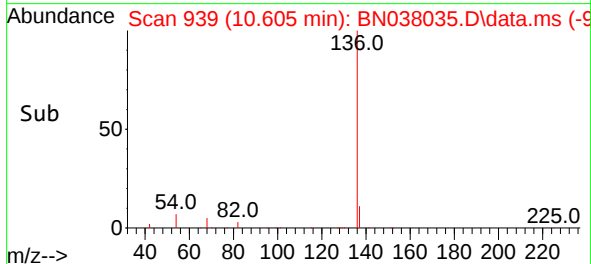
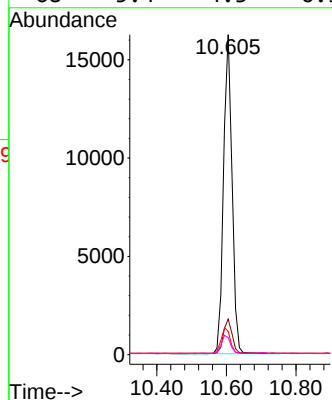
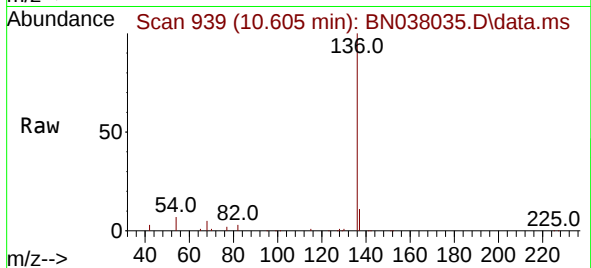




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

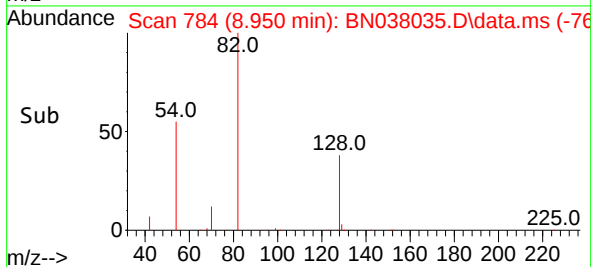
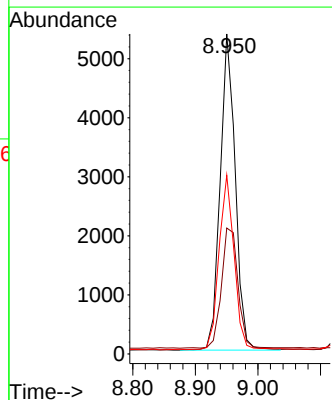
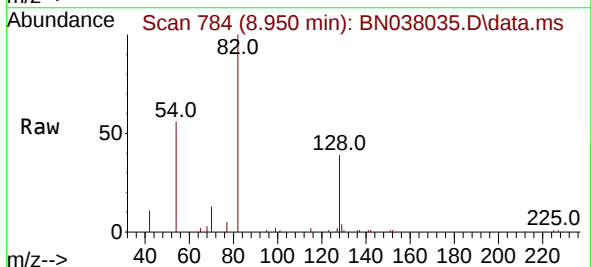
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136	Resp:	27762
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.3	5.8 8.8
68	5.4	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.424 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Tgt Ion: 82	Resp:	8978
Ion Ratio	Lower	Upper
82	100	
128	39.3	34.8 52.2
54	55.9	42.2 63.2

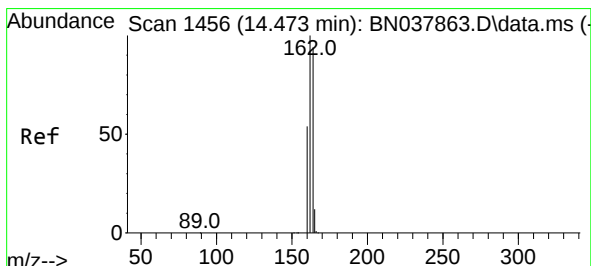
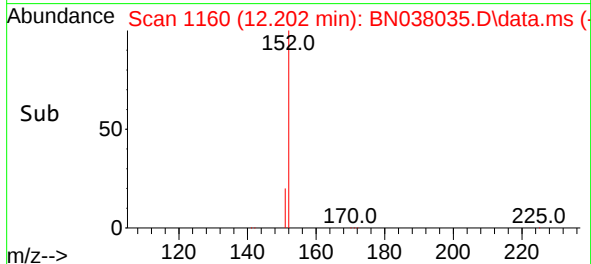
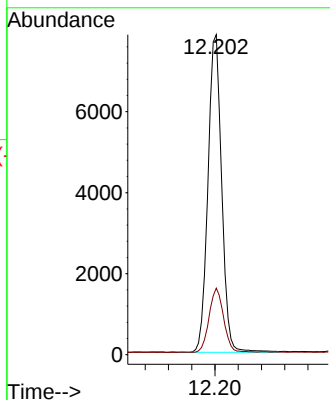
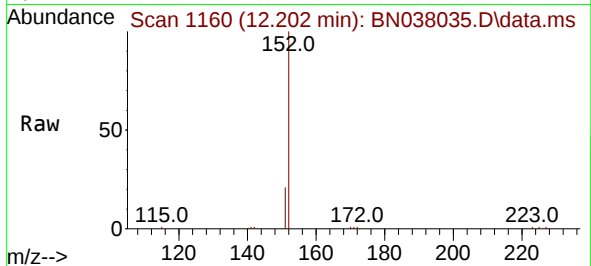




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

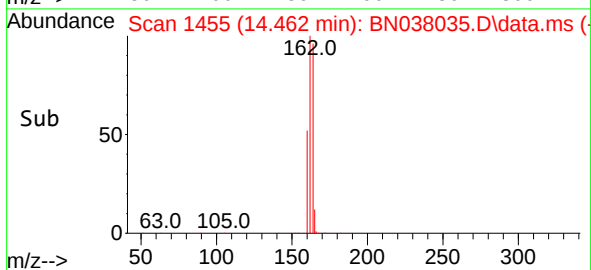
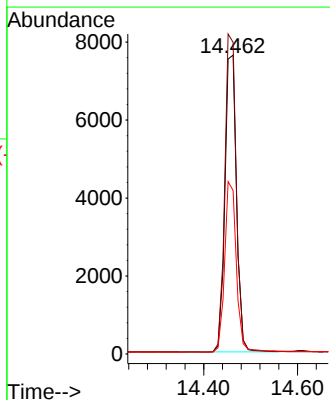
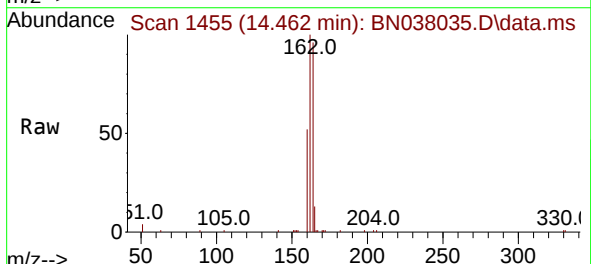
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 12824
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

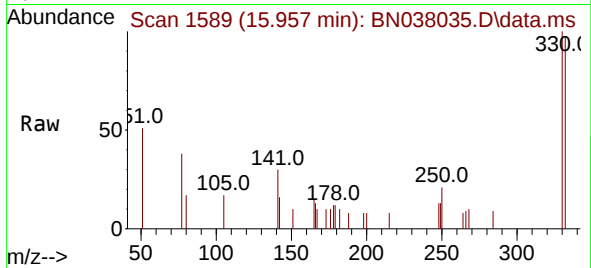
Tgt Ion:164 Resp: 13082
Ion Ratio Lower Upper
164 100
162 104.3 84.8 127.2
160 54.7 46.1 69.1



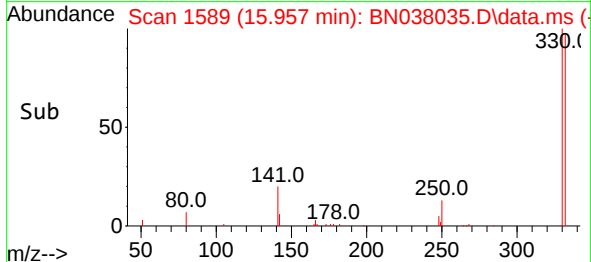
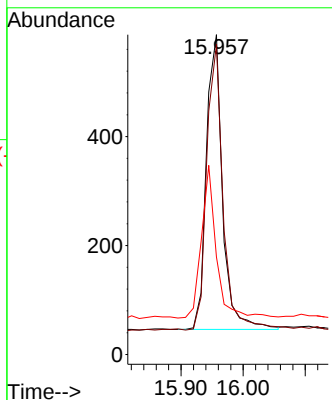


#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Instrument :
BNA_P
ClientSampleId :

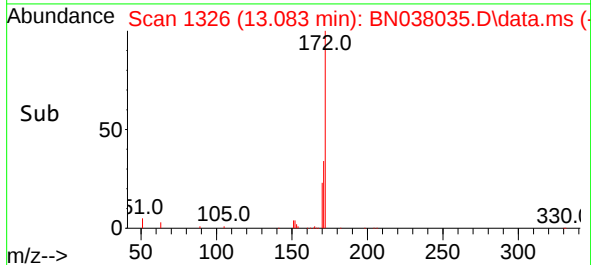
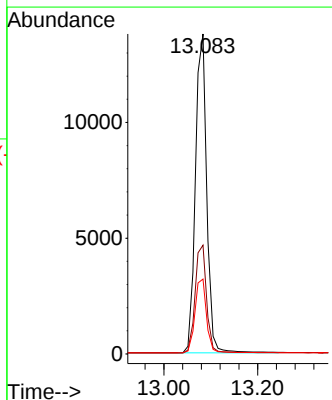
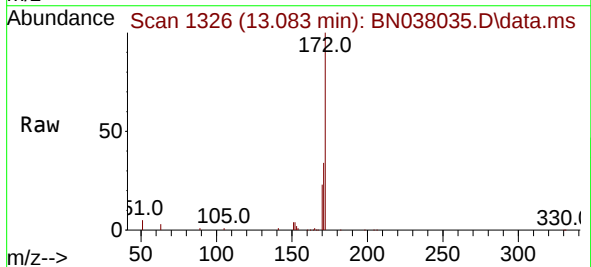


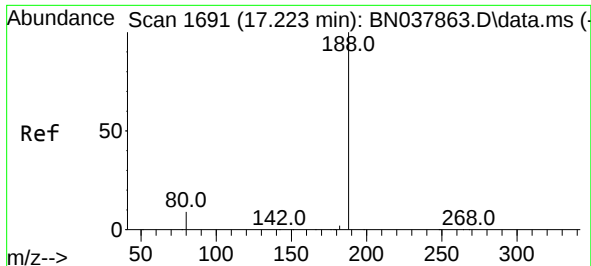
Tgt Ion:330 Resp: 981
Ion Ratio Lower Upper
330 100
332 98.9 77.2 115.8
141 47.5 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

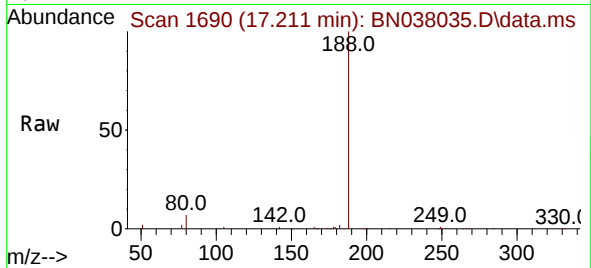
Tgt Ion:172 Resp: 23113
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 23.4 19.7 29.5



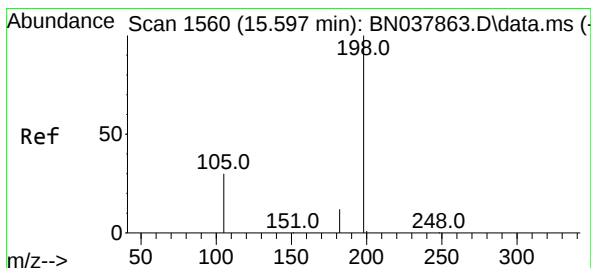
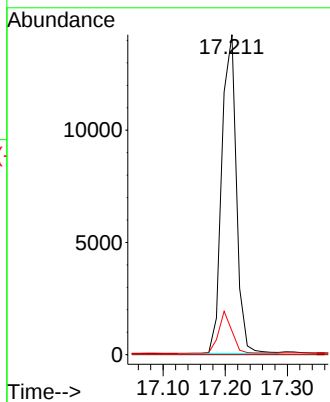
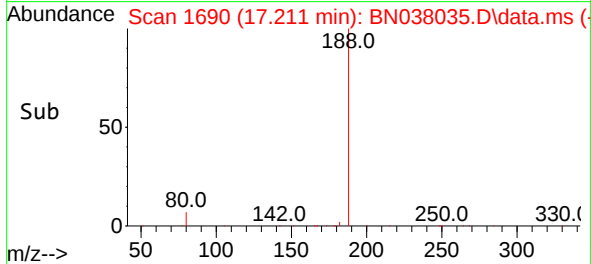


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Instrument :
BNA_P
ClientSampleId :

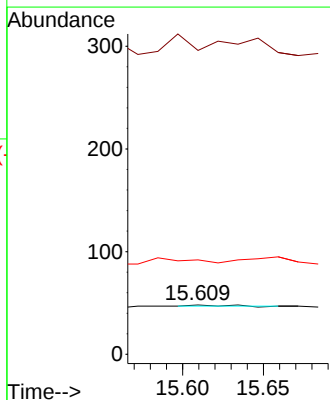
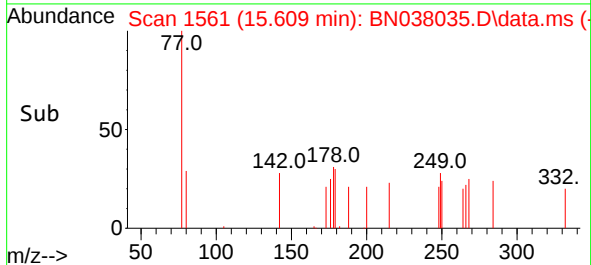
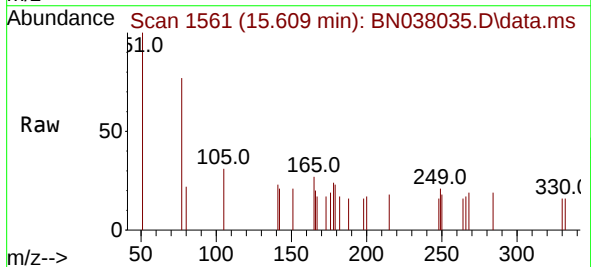


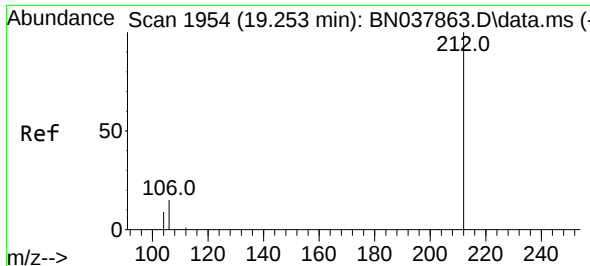
Tgt Ion:188 Resp: 23156
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 7.6 11.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.609 min Scan# 1561
Delta R.T. 0.012 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

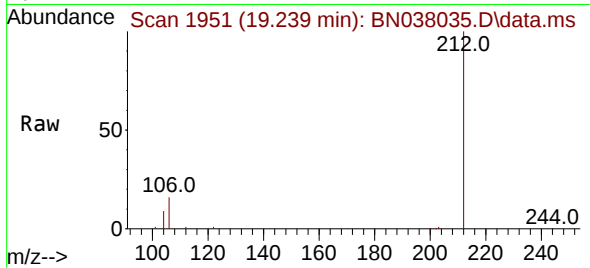
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 616.7 59.1 88.7#
105 191.7 41.3 61.9#



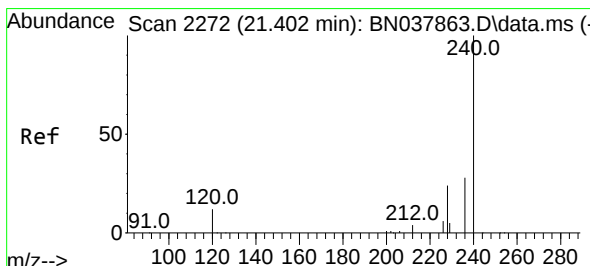
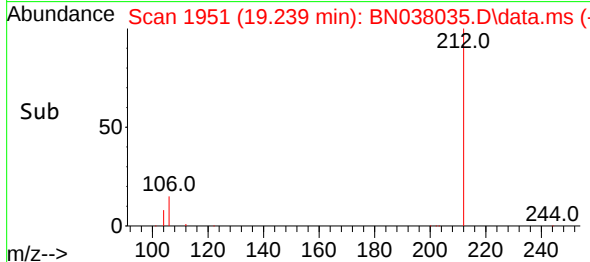
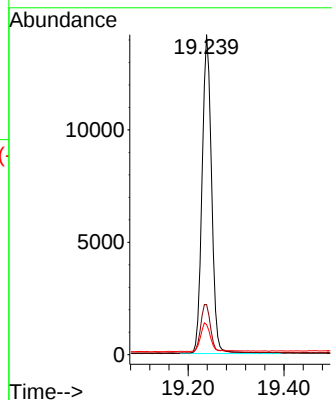


#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.239 min Scan# 1953
Delta R.T. -0.014 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Instrument :
BNA_P
ClientSampleId :

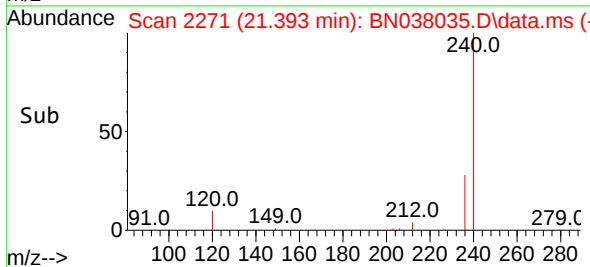
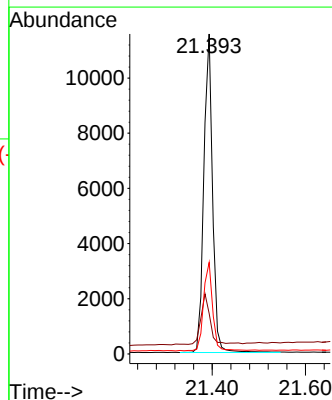
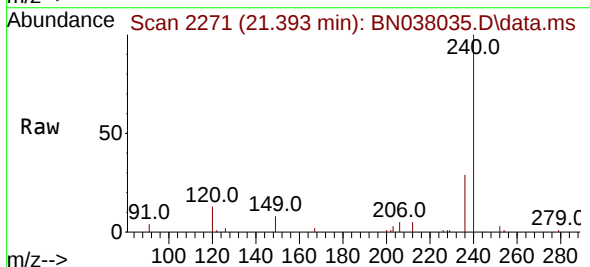


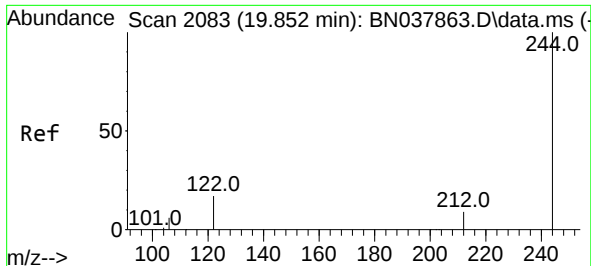
Tgt Ion:212 Resp: 19534
Ion Ratio Lower Upper
212 100
106 16.7 12.6 19.0
104 9.5 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

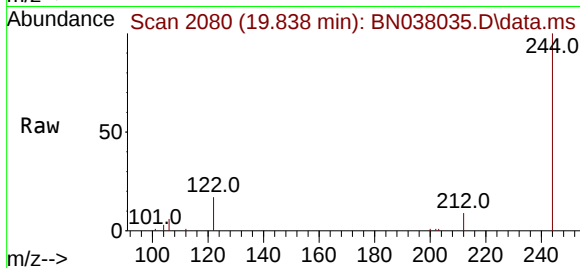
Tgt Ion:240 Resp: 15070
Ion Ratio Lower Upper
240 100
120 12.6 11.4 17.2
236 28.6 23.0 34.6



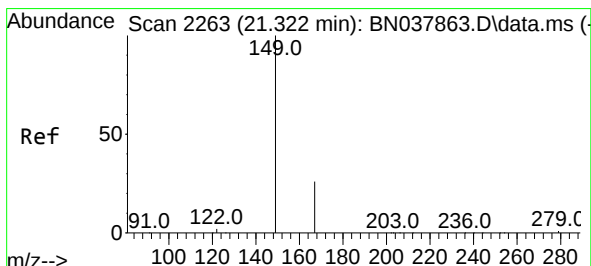
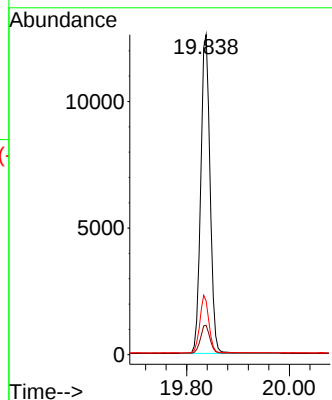
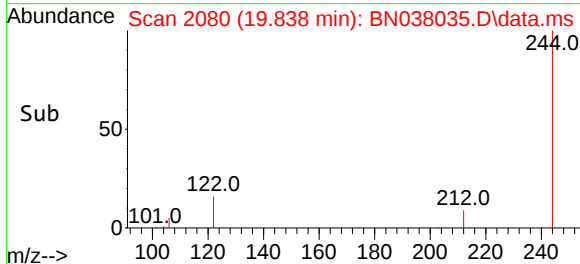


#31
 Terphenyl-d14
 Concen: 0.530 ng
 RT: 19.838 min Scan# 2080
 Delta R.T. -0.014 min
 Lab File: BN038035.D
 Acq: 07 Oct 2025 07:22

Instrument :
 BNA_P
 ClientSampleId :

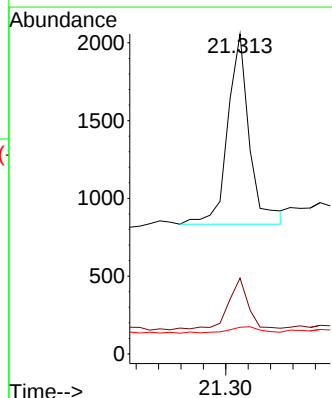
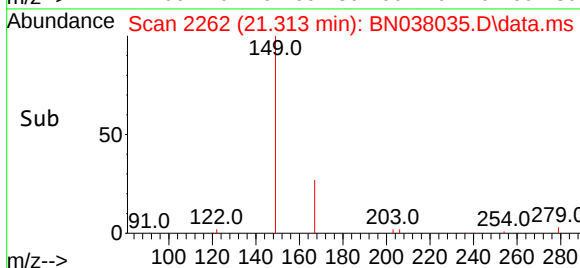
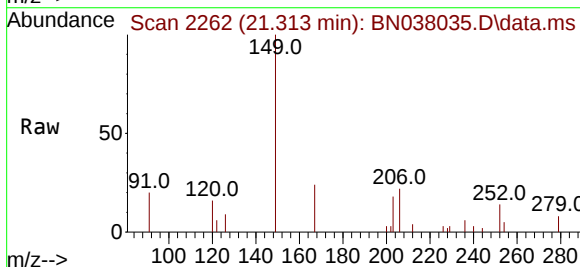


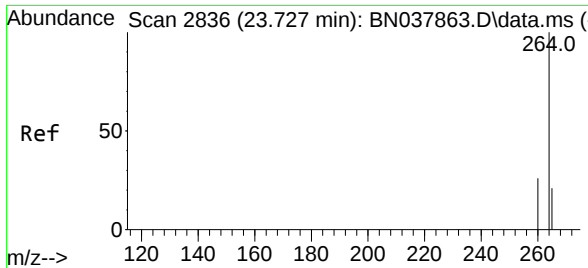
Tgt Ion:244 Resp: 15896
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.6 11.4
 122 16.8 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN038035.D
 Acq: 07 Oct 2025 07:22

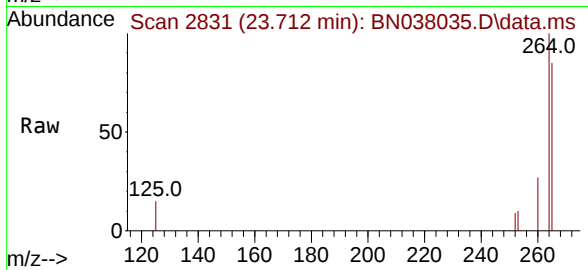
Tgt Ion:149 Resp: 1641
 Ion Ratio Lower Upper
 149 100
 167 23.6 20.4 30.6
 279 5.5 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN038035.D
Acq: 07 Oct 2025 07:22

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 14086
Ion Ratio Lower Upper
264 100
260 27.0 21.5 32.3
265 85.1 53.8 80.6#

