

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
 Data File : BN037678.D
 Acq On : 10 Sep 2025 11:30
 Operator : RC/JU
 Sample : PB169501BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 10 12:12:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 10 02:02:04 2025
 Response via : Initial Calibration

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

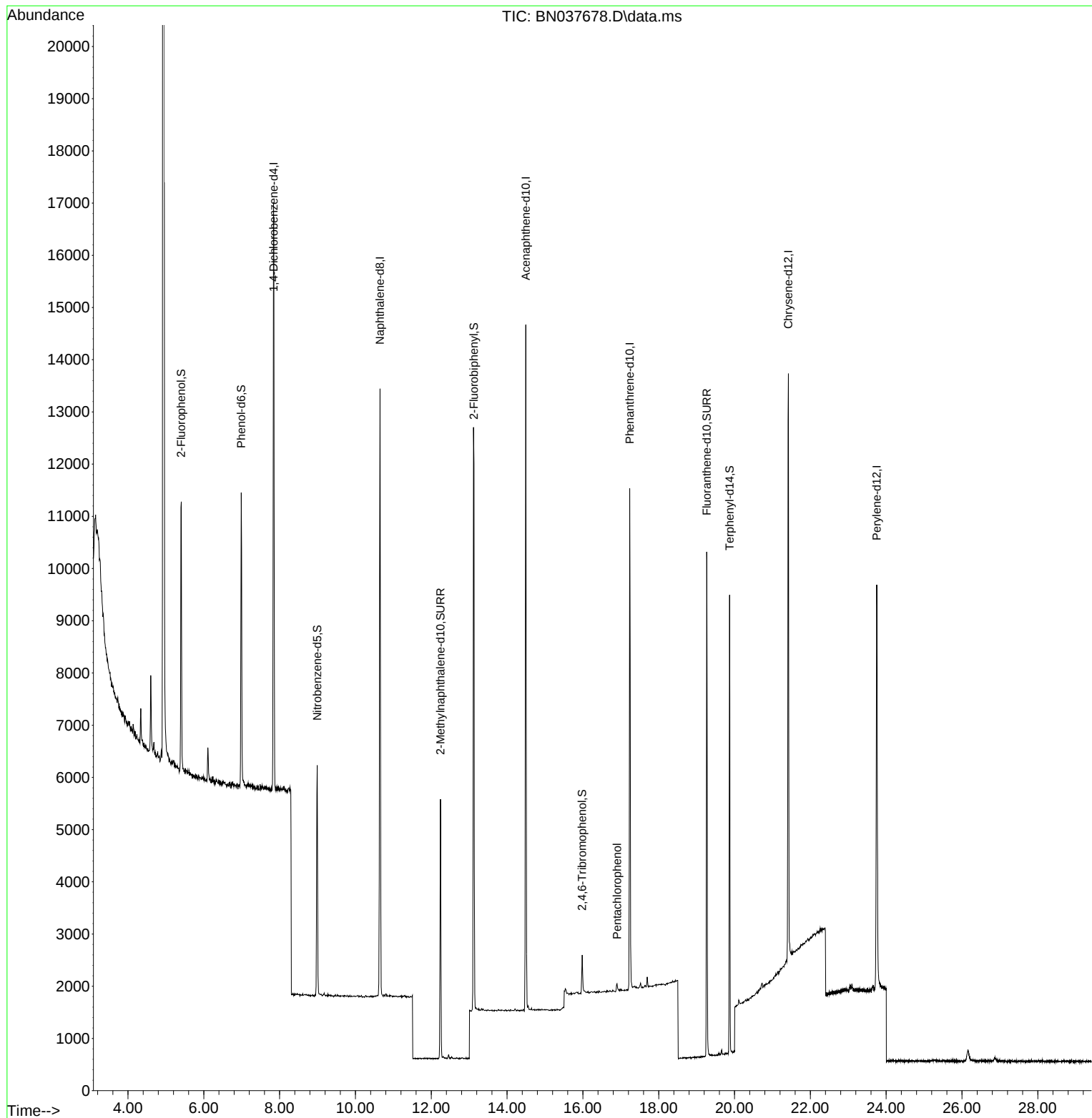
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	5517	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	14924	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	7041	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	12796	0.400	ng	#-0.01
29) Chrysene-d12	21.420	240	11240	0.400	ng	0.00
35) Perylene-d12	23.753	264	10976	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	4206	0.298	ng	0.00
5) Phenol-d6	6.988	99	5205	0.293	ng	0.00
8) Nitrobenzene-d5	8.993	82	3493	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	6588	0.314	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	436	0.223	ng	0.00
15) 2-Fluorobiphenyl	13.126	172	10366	0.374	ng	0.00
27) Fluoranthene-d10	19.271	212	10790	0.327	ng	0.00
31) Terphenyl-d14	19.871	244	8095	0.342	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.900	266	112	0.038	ng	Qvalue 96

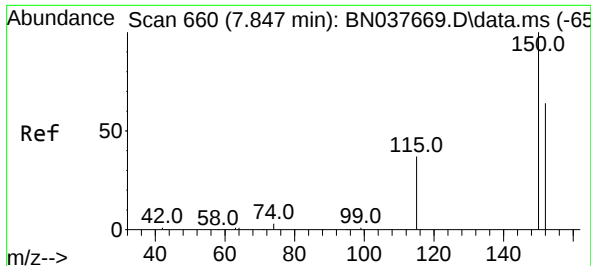
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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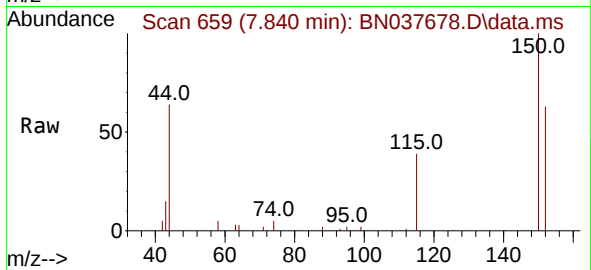
Quant Time: Sep 10 12:12:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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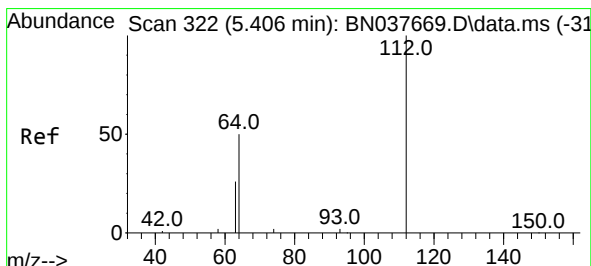
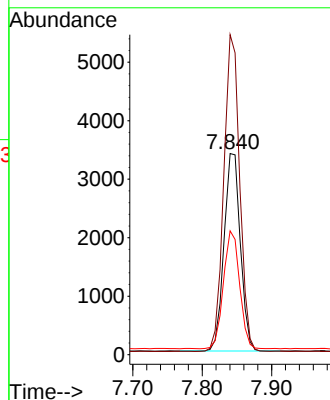
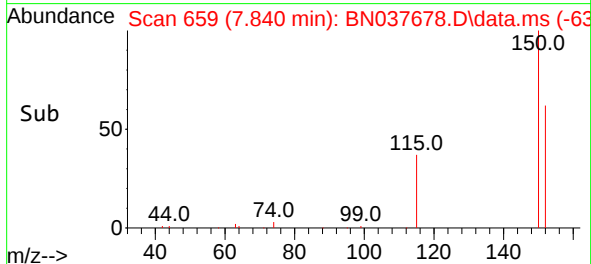


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037678.D
 Acq: 10 Sep 2025 11:30

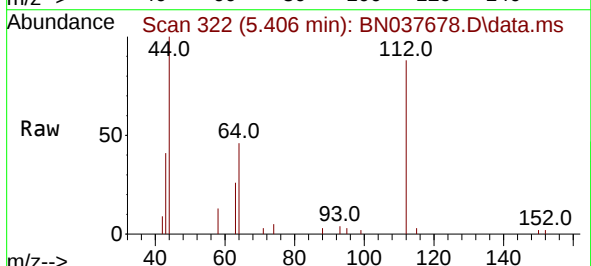
Instrument :
 BNA_N
 ClientSampleId :



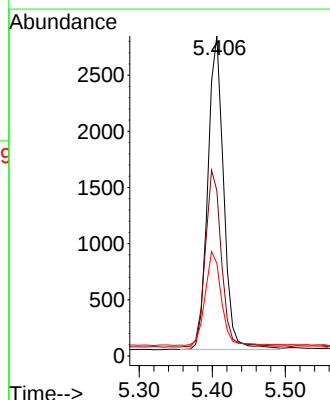
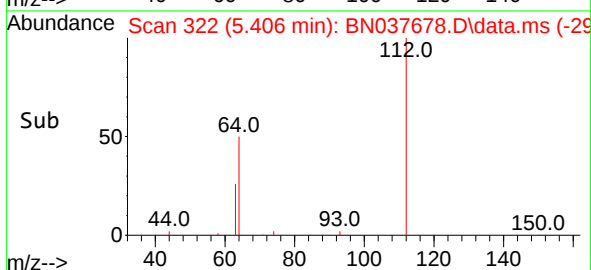
Tgt Ion:152 Resp: 5517
 Ion Ratio Lower Upper
 152 100
 150 159.1 123.2 184.8
 115 61.6 49.0 73.4

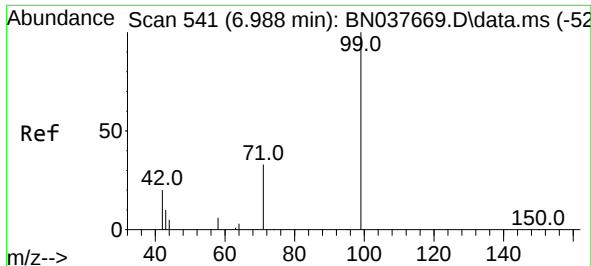


#4
 2-Fluorophenol
 Concen: 0.298 ng
 RT: 5.406 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: BN037678.D
 Acq: 10 Sep 2025 11:30



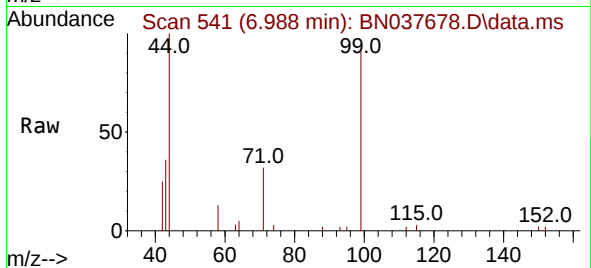
Tgt Ion:112 Resp: 4206
 Ion Ratio Lower Upper
 112 100
 64 57.4 45.4 68.2
 63 31.0 23.7 35.5



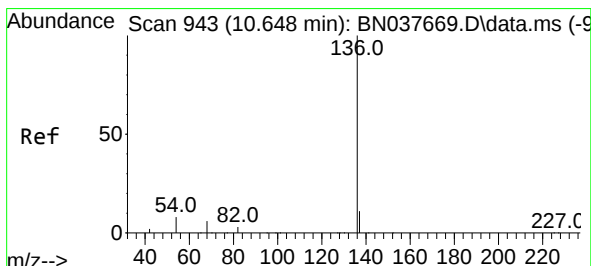
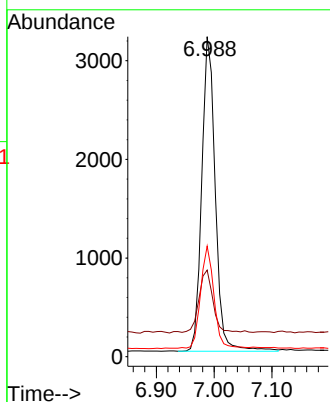
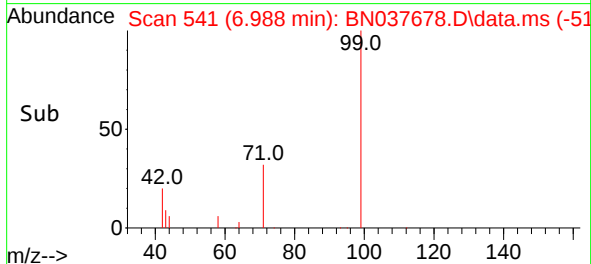


#5
Phenol-d6
Concen: 0.293 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037678.D
Acq: 10 Sep 2025 11:30

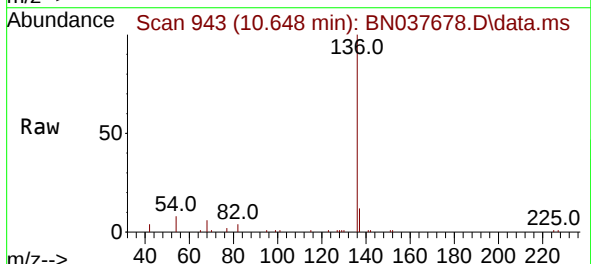
Instrument :
BNA_N
ClientSampleId :



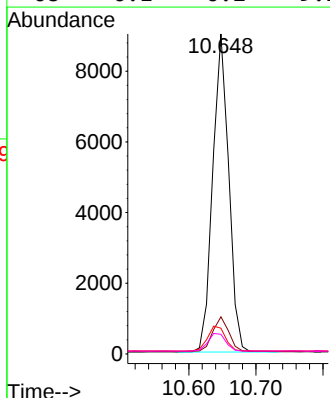
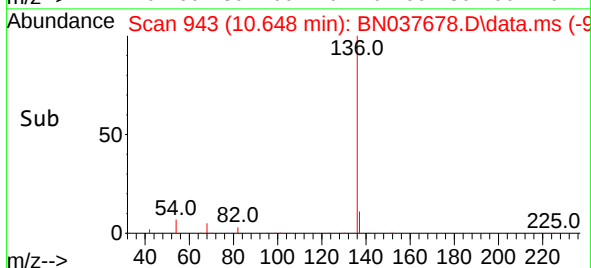
Tgt Ion:	99	Resp:	5205
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.7	26.5
71	32.5	26.7	40.1

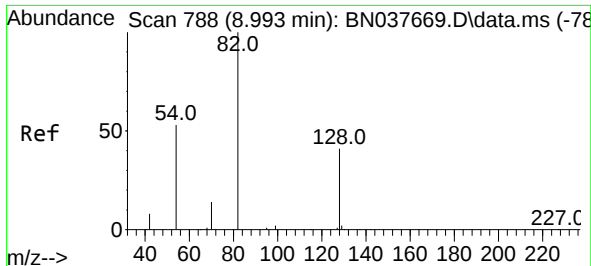


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN037678.D
Acq: 10 Sep 2025 11:30



Tgt Ion:	136	Resp:	14924
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.1	8.1	12.1#
68	6.1	6.2	9.2#

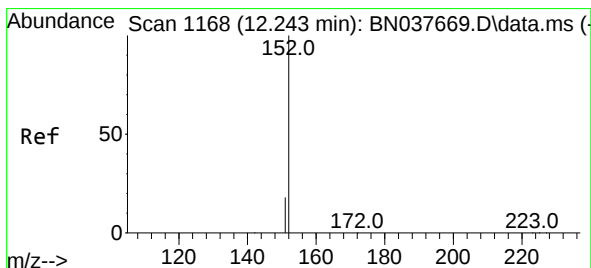
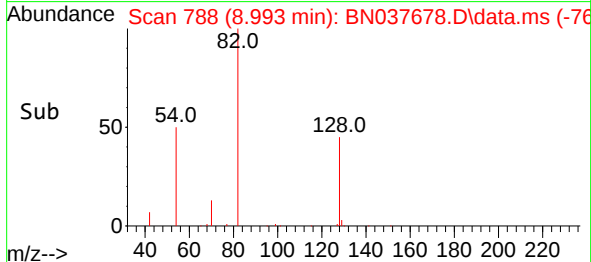
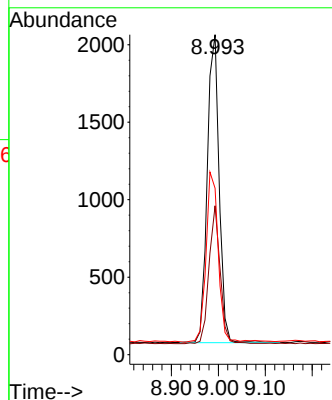
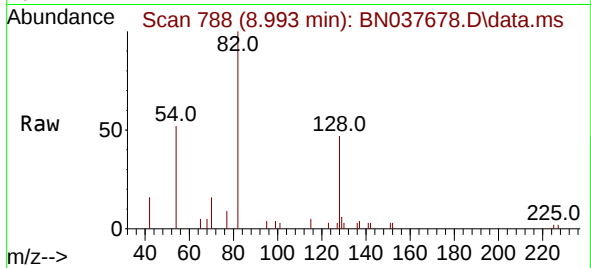




#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN037678.D
Acq: 10 Sep 2025 11:30

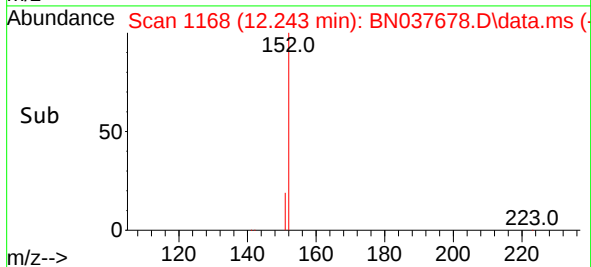
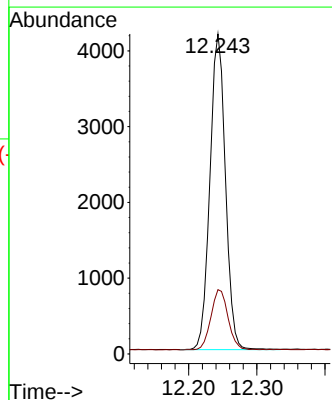
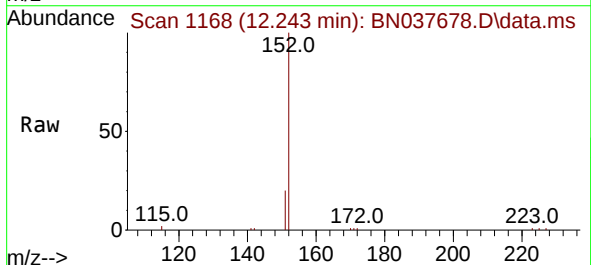
Instrument :
BNA_N
ClientSampleId :

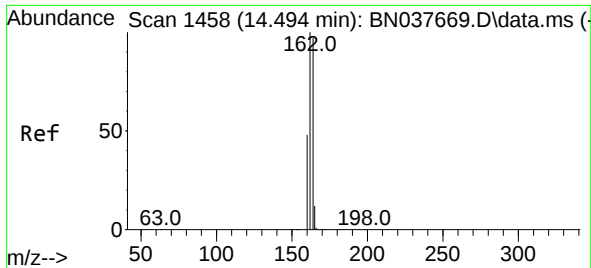
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.3	51.5
54	52.0	45.5	68.3



#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.243 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN037678.D
Acq: 10 Sep 2025 11:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1

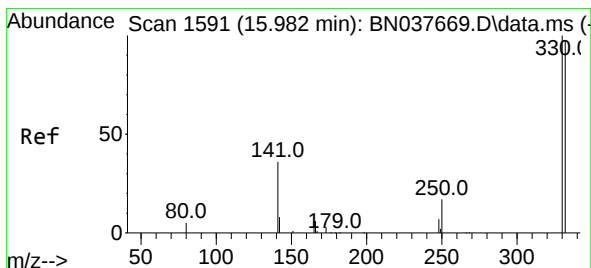
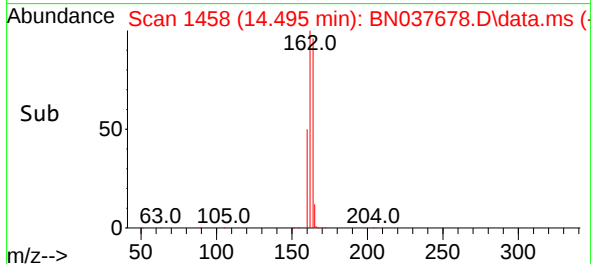
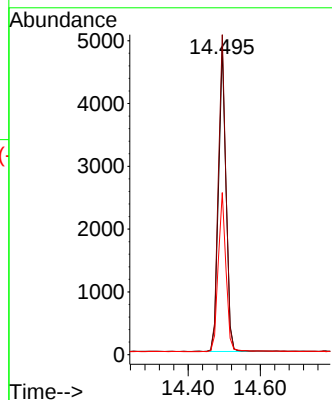
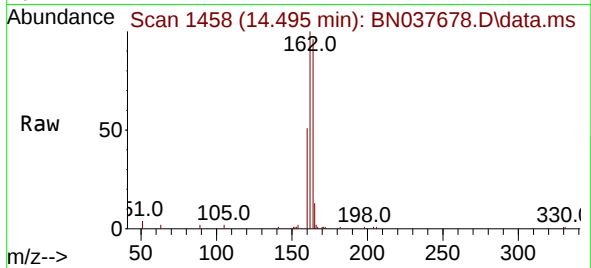




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN037678.D
Acq: 10 Sep 2025 11:30

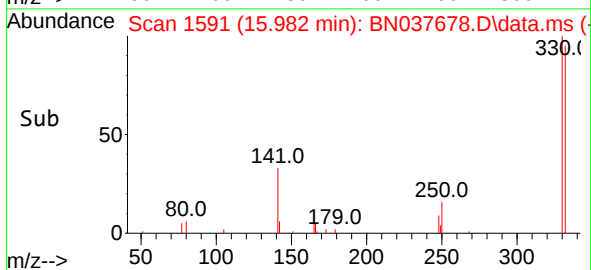
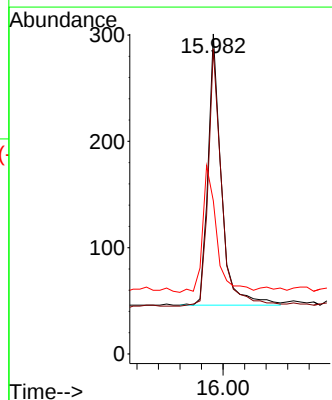
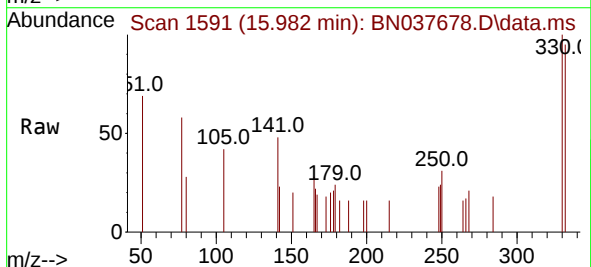
Instrument :
BNA_N
ClientSampleId :

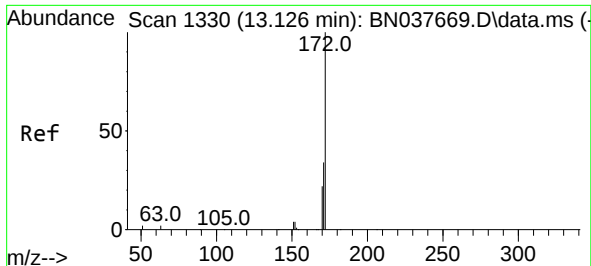
Tgt Ion:164 Resp: 7041
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 52.6 39.7 59.5



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.982 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BN037678.D
Acq: 10 Sep 2025 11:30

Tgt Ion:330 Resp: 436
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 49.1 37.8 56.6

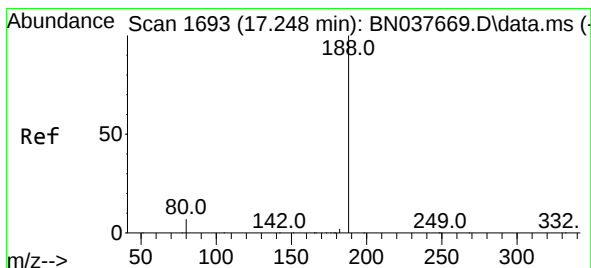
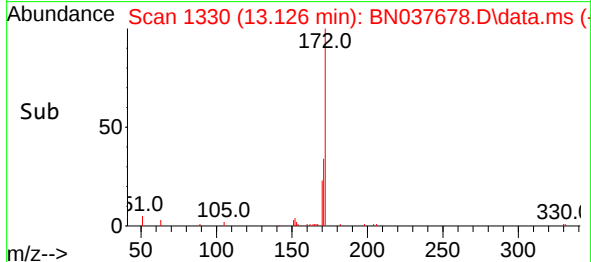
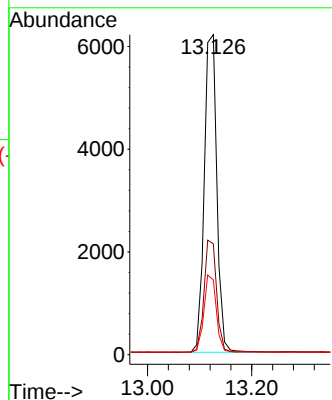
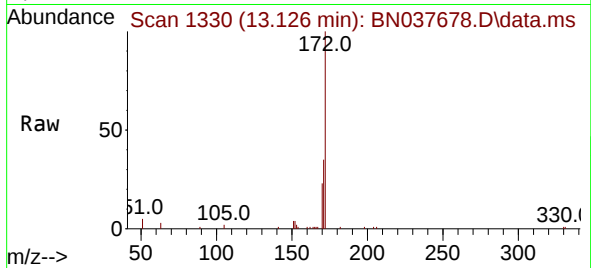




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.126 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037678.D
Acq: 10 Sep 2025 11:30

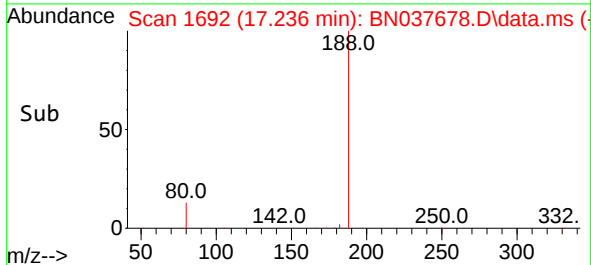
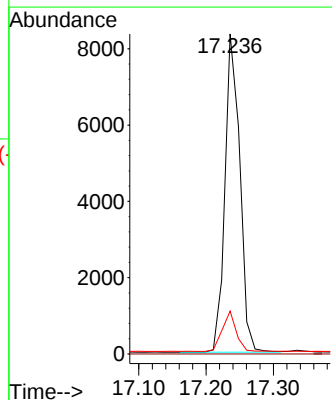
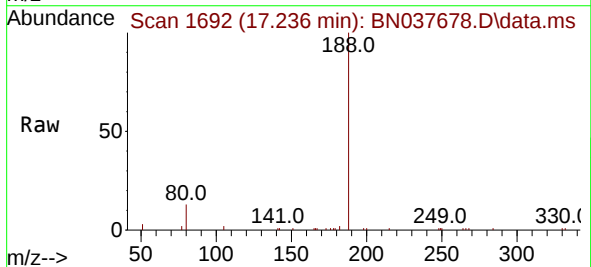
Instrument :
BNA_N
ClientSampleId :

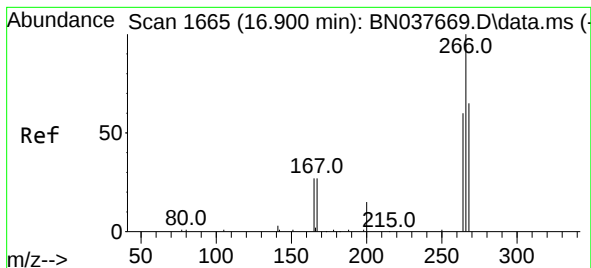
Tgt Ion:172 Resp: 10366
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.4 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BN037678.D
Acq: 10 Sep 2025 11:30

Tgt Ion:188 Resp: 12796
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 6.3 9.5#





#24

Pentachlorophenol

Concen: 0.038 ng

RT: 16.900 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BN037678.D

Acq: 10 Sep 2025 11:30

Instrument :

BNA_N

ClientSampleId :

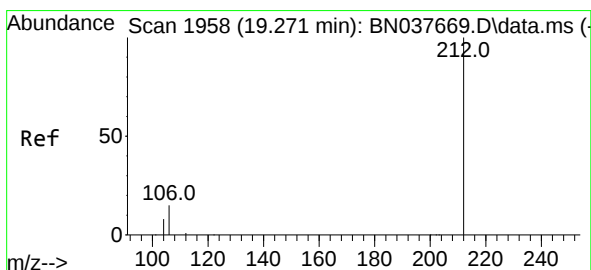
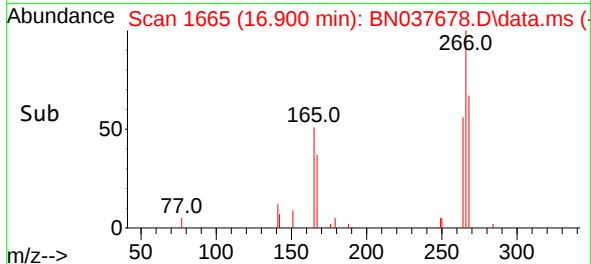
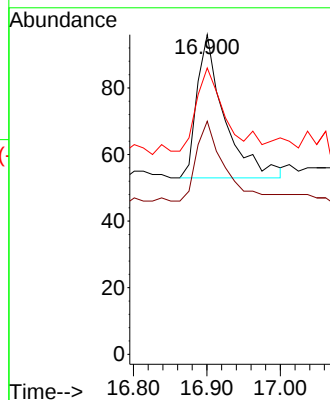
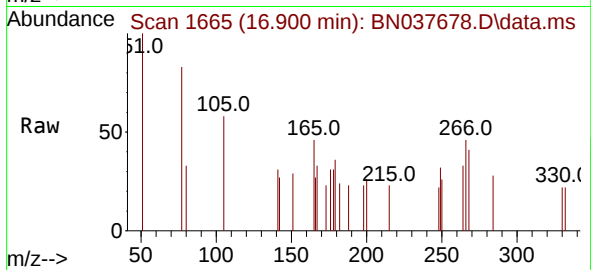
Tgt Ion:266 Resp: 112

Ion Ratio Lower Upper

266 100

264 57.1 49.7 74.5

268 61.6 48.7 73.1



#27

Fluoranthene-d10

Concen: 0.327 ng

RT: 19.271 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BN037678.D

Acq: 10 Sep 2025 11:30

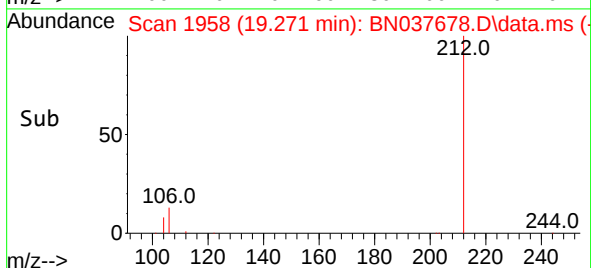
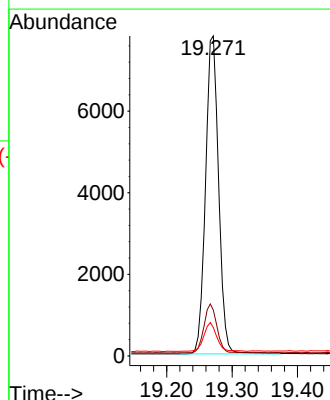
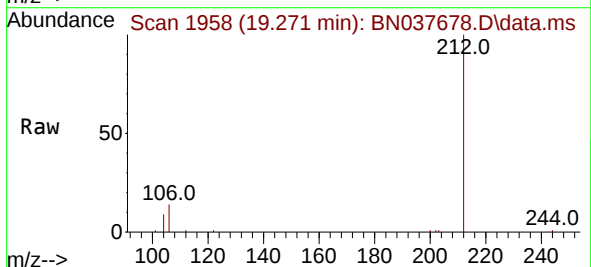
Tgt Ion:212 Resp: 10790

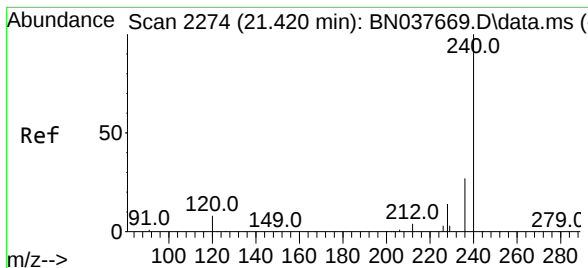
Ion Ratio Lower Upper

212 100

106 15.1 11.8 17.6

104 8.9 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037678.D

Acq: 10 Sep 2025 11:30

Instrument :

BNA_N

ClientSampleId :

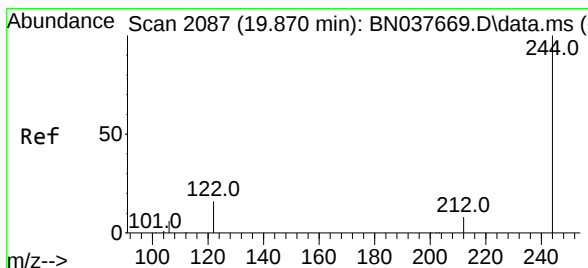
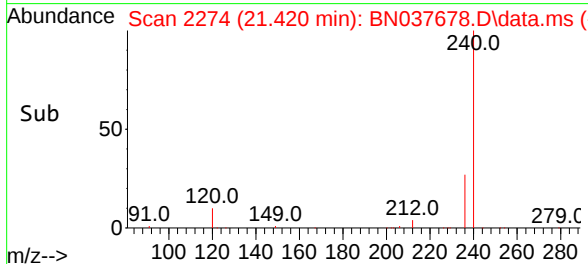
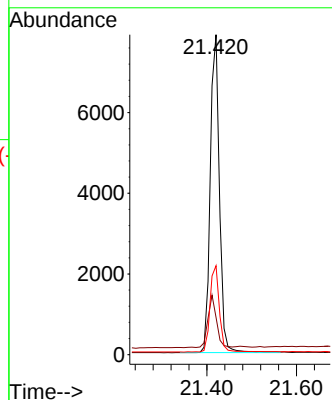
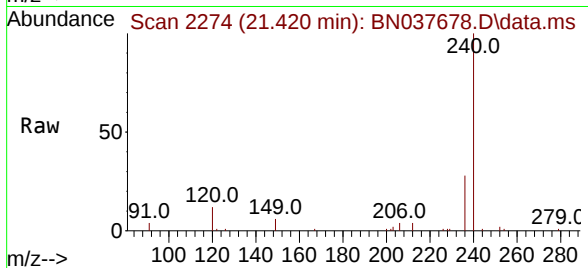
Tgt Ion:240 Resp: 11240

Ion Ratio Lower Upper

240 100

120 11.6 8.5 12.7

236 27.8 22.5 33.7



#31

Terphenyl-d14

Concen: 0.342 ng

RT: 19.871 min Scan# 2087

Delta R.T. 0.000 min

Lab File: BN037678.D

Acq: 10 Sep 2025 11:30

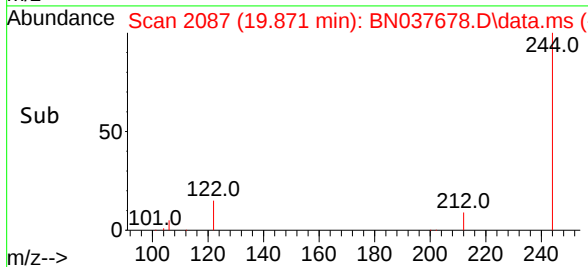
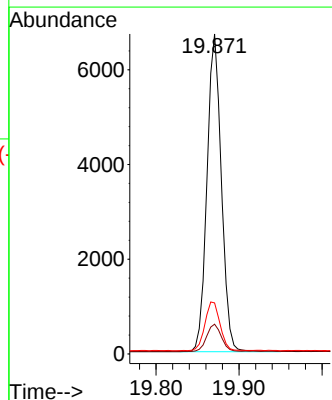
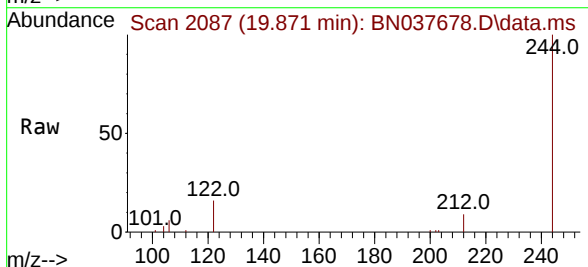
Tgt Ion:244 Resp: 8095

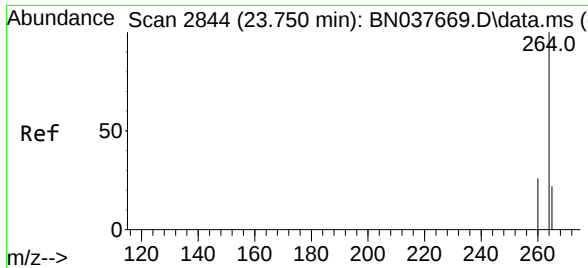
Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.4

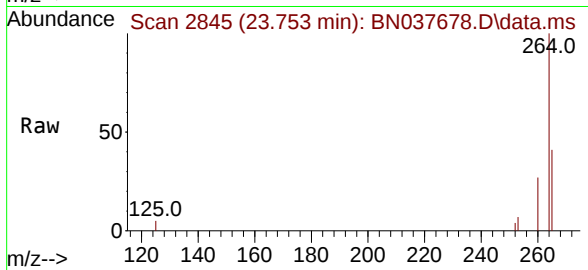
122 15.9 13.4 20.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.753 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN037678.D
 Acq: 10 Sep 2025 11:30

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	264	Resp:	10976
Ion Ratio	Lower	Upper	
264	100		
260	26.8	21.2	31.8
265	41.0	28.2	42.4

