

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
 Data File : BN037687.D
 Acq On : 10 Sep 2025 17:10
 Operator : RC/JU
 Sample : PB169500BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 10 18:06:28 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	5114	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	13341	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	5935	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	10498	0.400	ng	#-0.01
29) Chrysene-d12	21.420	240	9141	0.400	ng	0.00
35) Perylene-d12	23.750	264	8795	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	3801	0.290	ng	0.00
5) Phenol-d6	6.988	99	4708	0.286	ng	0.00
8) Nitrobenzene-d5	8.993	82	3361	0.409	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	5695	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	346	0.210	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	8900	0.381	ng	-0.01
27) Fluoranthene-d10	19.271	212	8760	0.323	ng	0.00
31) Terphenyl-d14	19.870	244	6588	0.342	ng	0.00

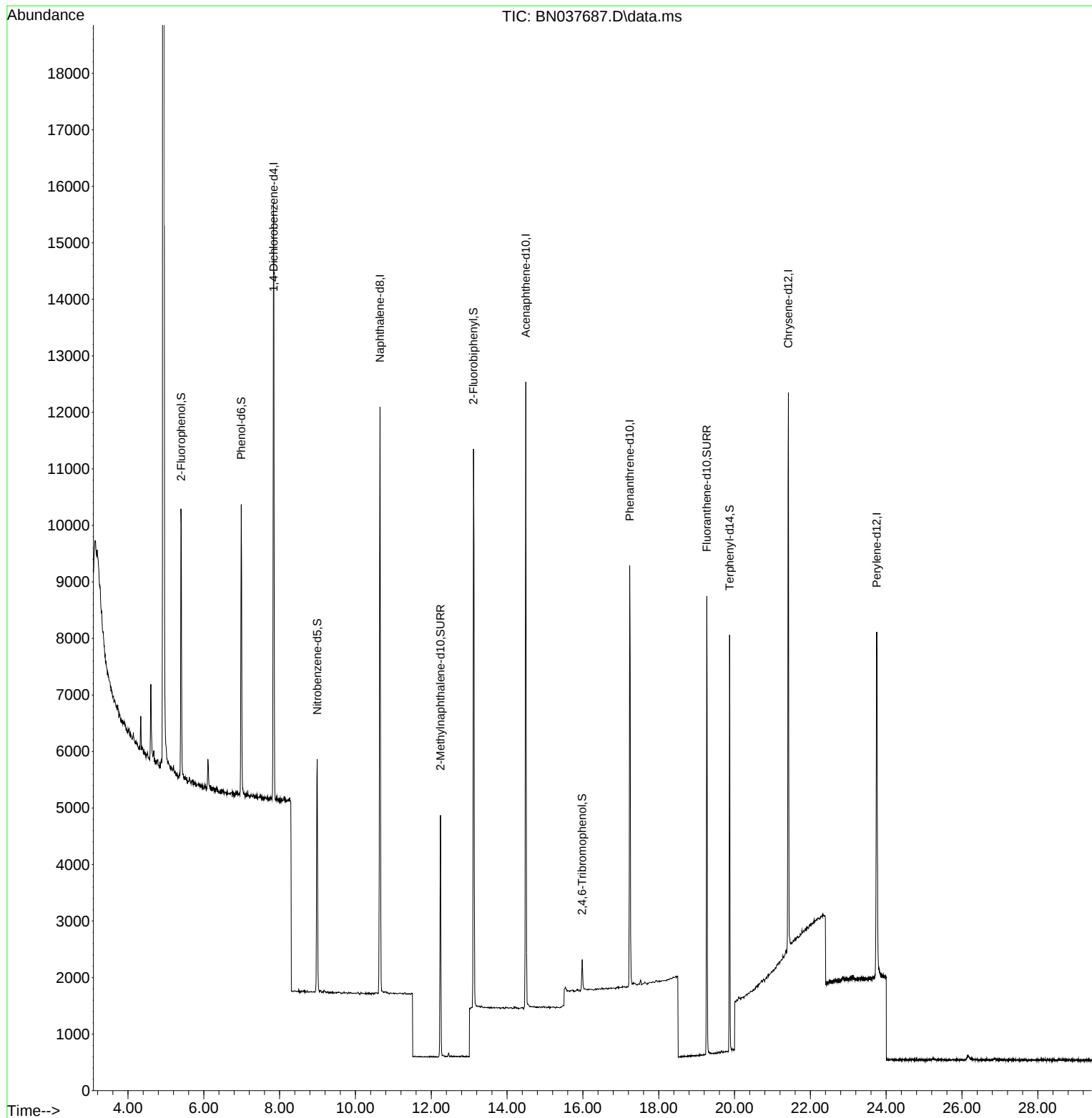
Target Compounds Qvalue

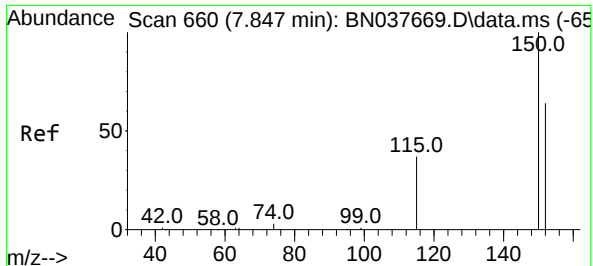
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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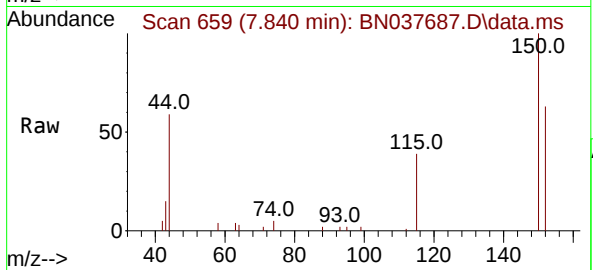
Quant Time: Sep 10 18:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 02:02:04 2025
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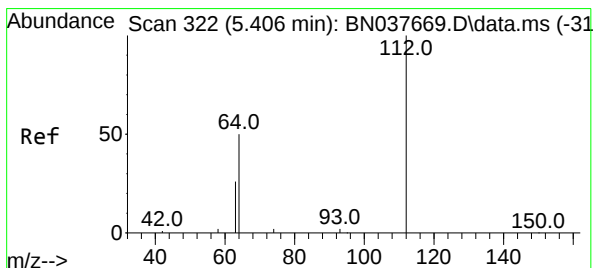
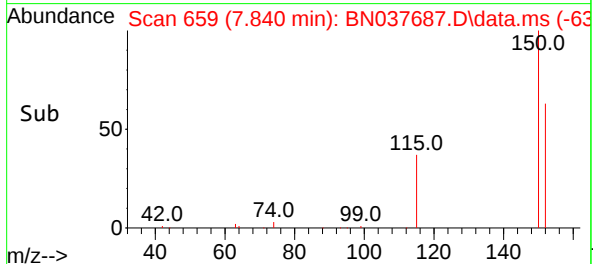
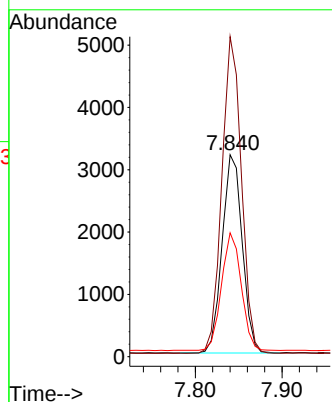
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037687.D
 Acq: 10 Sep 2025 17:10

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 5114

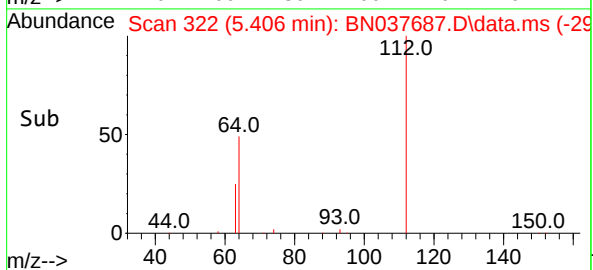
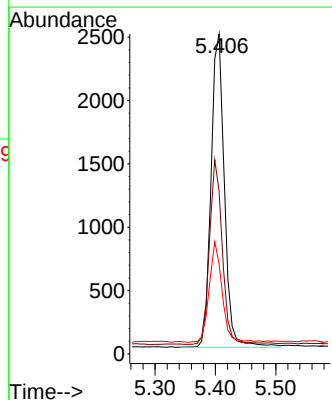
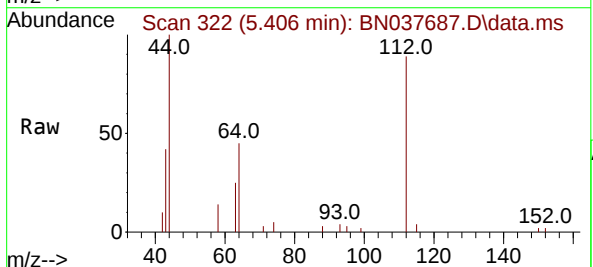
Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.2	184.8
115	61.3	49.0	73.4

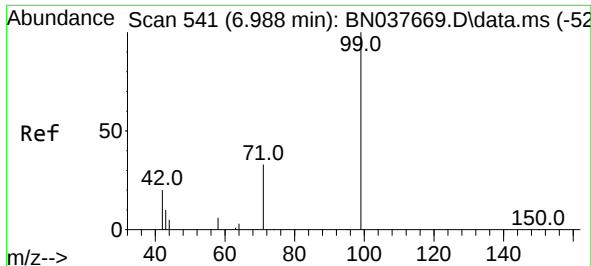


#4
 2-Fluorophenol
 Concen: 0.290 ng
 RT: 5.406 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: BN037687.D
 Acq: 10 Sep 2025 17:10

Tgt Ion:112 Resp: 3801

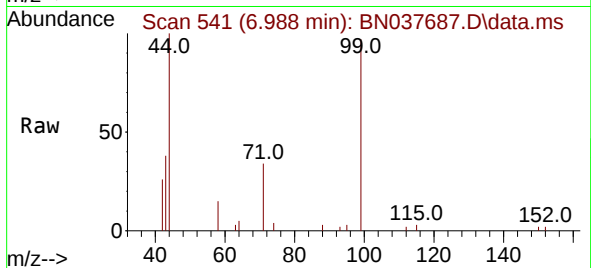
Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.4	68.2
63	30.5	23.7	35.5



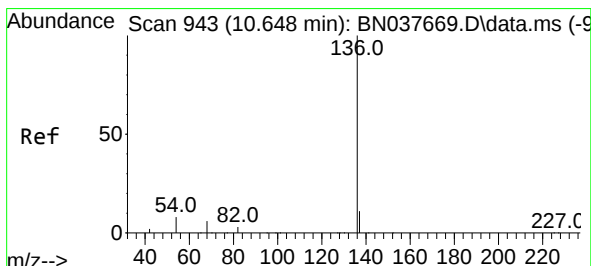
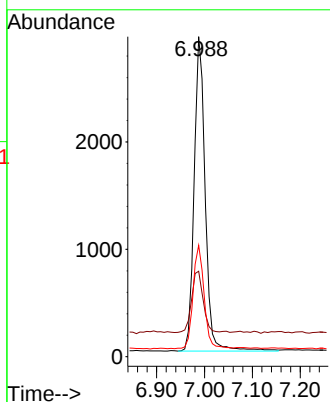
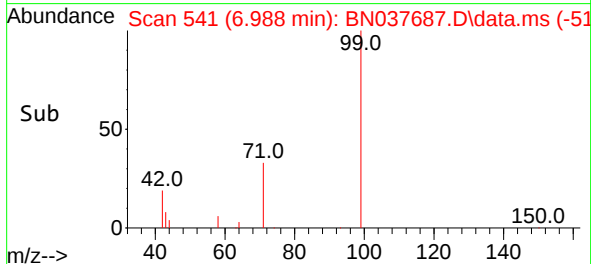


#5
Phenol-d6
Concen: 0.286 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

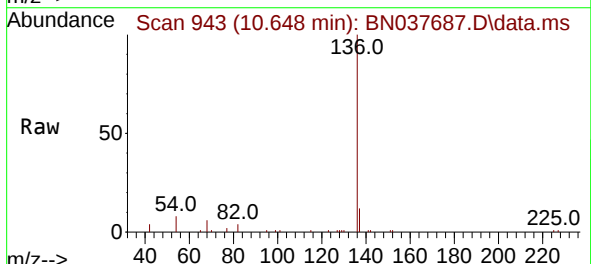
Instrument :
BNA_N
ClientSampleId :



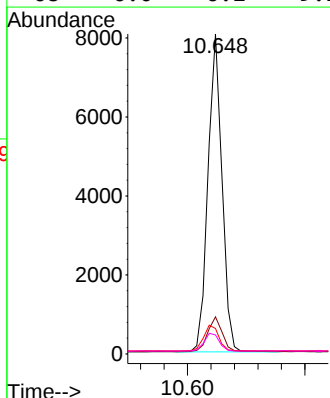
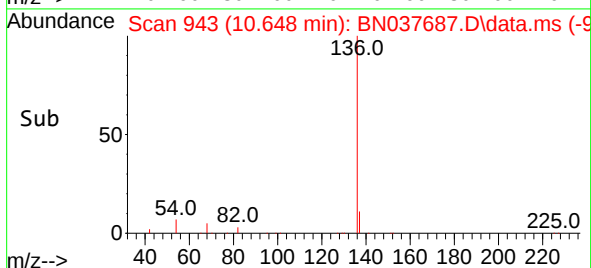
Tgt Ion:	99	Resp:	4708
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.7	26.5
71	32.8	26.7	40.1

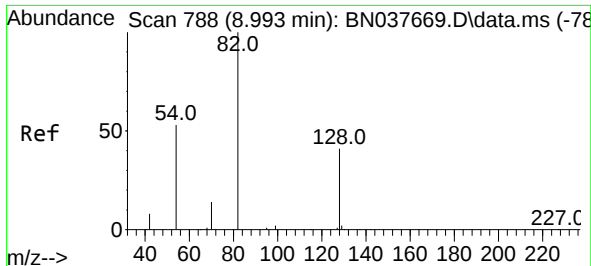


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10



Tgt Ion:	136	Resp:	13341
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.0	8.1	12.1#
68	6.0	6.2	9.2#

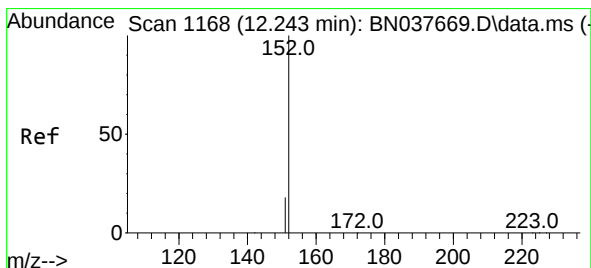
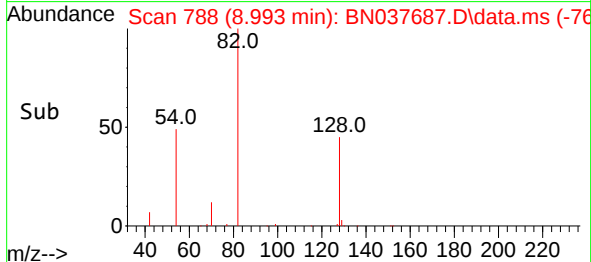
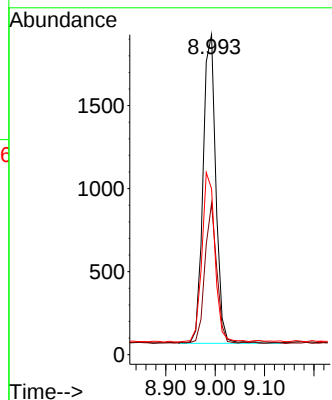
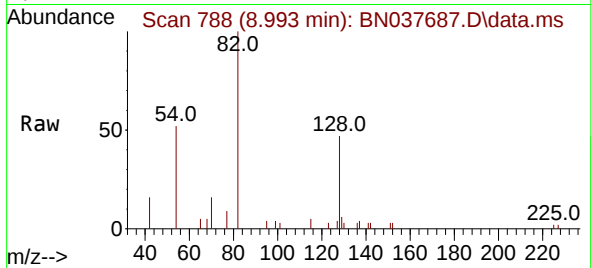




#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

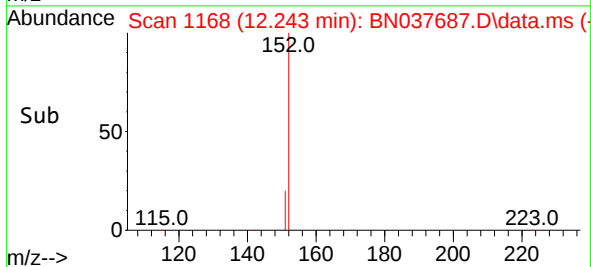
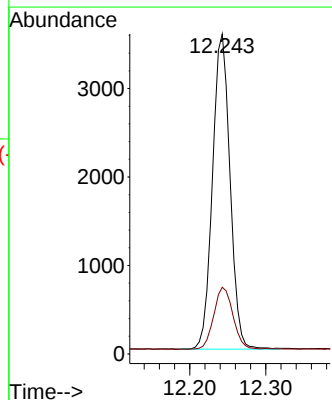
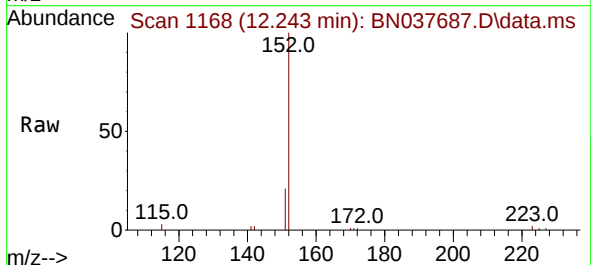
Instrument :
BNA_N
ClientSampleId :

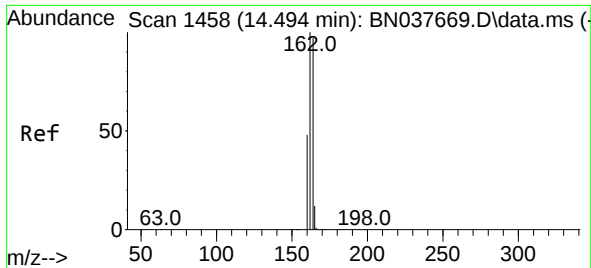
Tgt Ion: 82 Resp: 3361
Ion Ratio Lower Upper
82 100
128 47.2 34.3 51.5
54 51.8 45.5 68.3



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.243 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

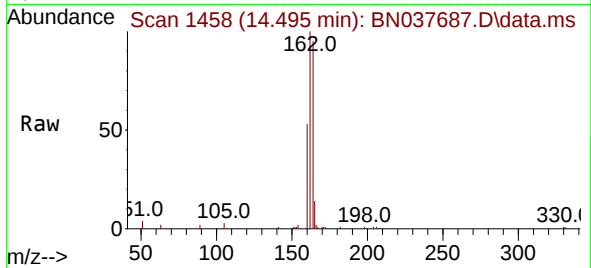
Tgt Ion: 152 Resp: 5695
Ion Ratio Lower Upper
152 100
151 21.7 16.7 25.1





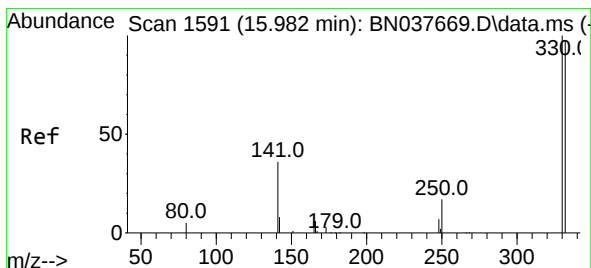
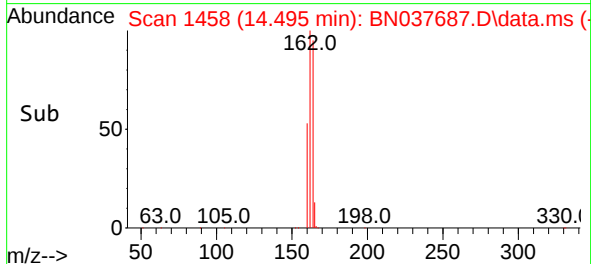
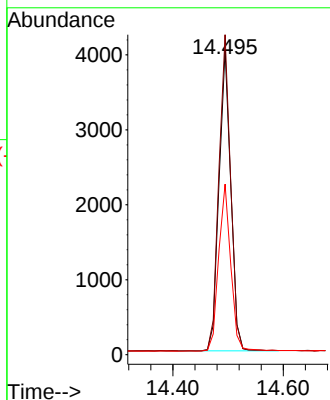
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.495 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: BN037687.D
 Acq: 10 Sep 2025 17:10

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:164 Resp: 5935

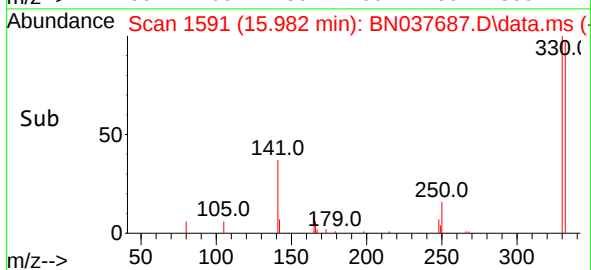
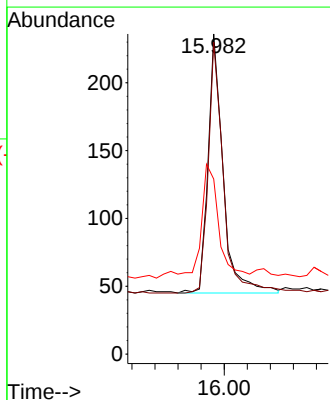
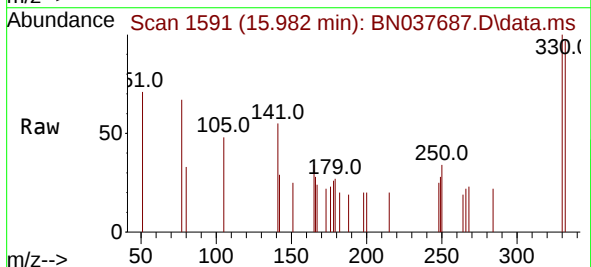
Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	56.0	39.7	59.5

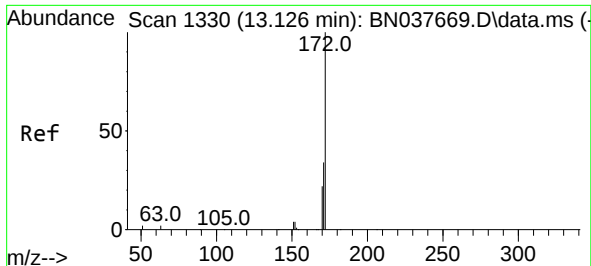


#14
 2,4,6-Tribromophenol
 Concen: 0.210 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. 0.000 min
 Lab File: BN037687.D
 Acq: 10 Sep 2025 17:10

Tgt Ion:330 Resp: 346

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.8	118.2
141	49.4	37.8	56.6

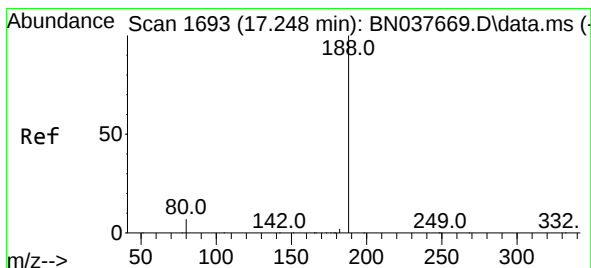
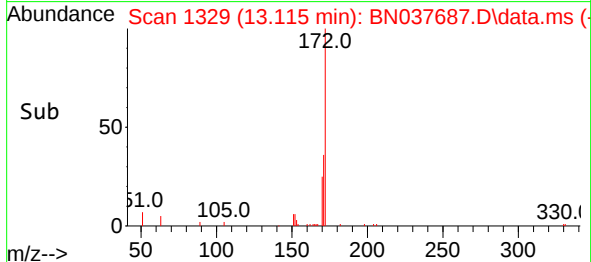
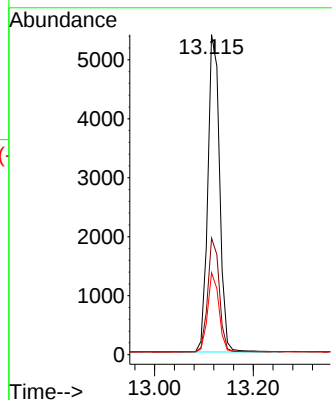
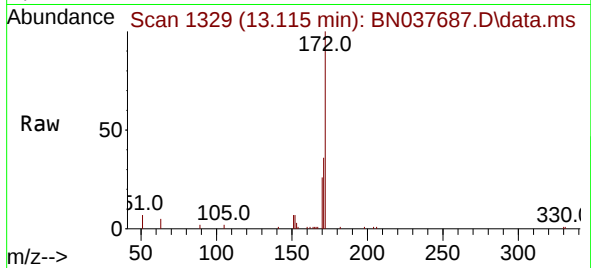




#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.115 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

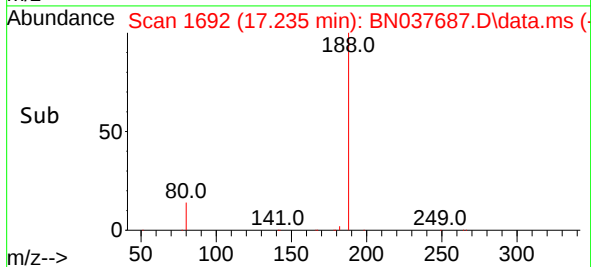
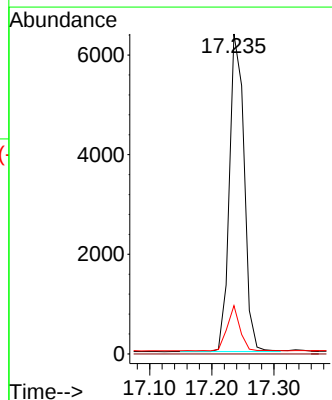
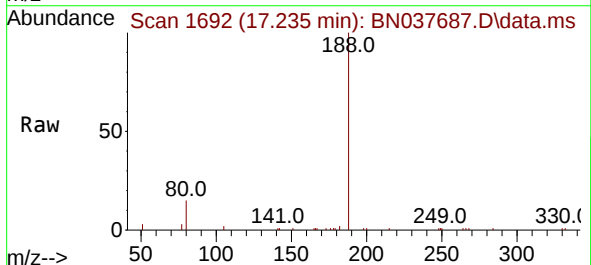
Instrument :
BNA_N
ClientSampleId :

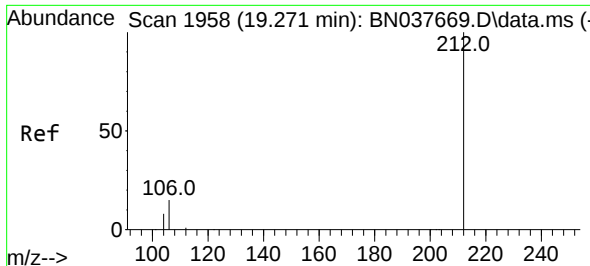
Tgt Ion:172 Resp: 8900
Ion Ratio Lower Upper
172 100
171 36.4 27.8 41.8
170 25.6 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

Tgt Ion:188 Resp: 10498
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 6.3 9.5#

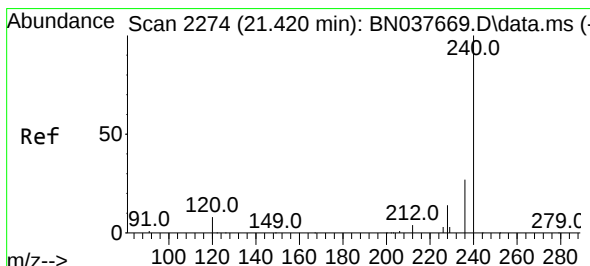
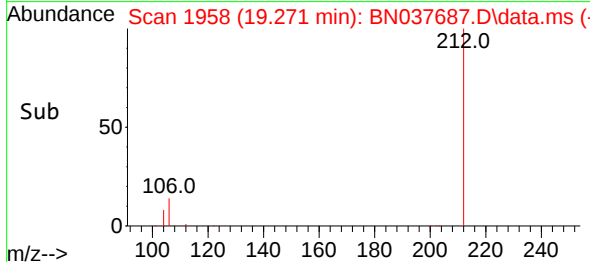
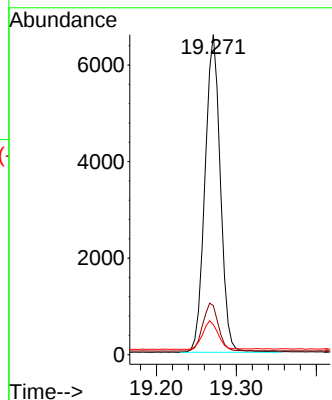
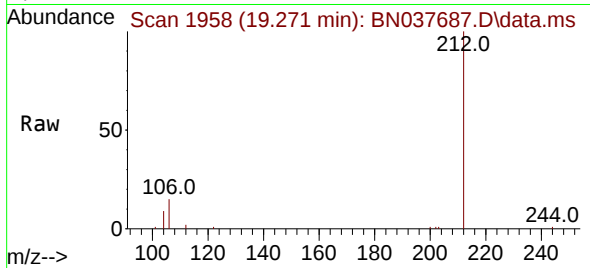




#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.271 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

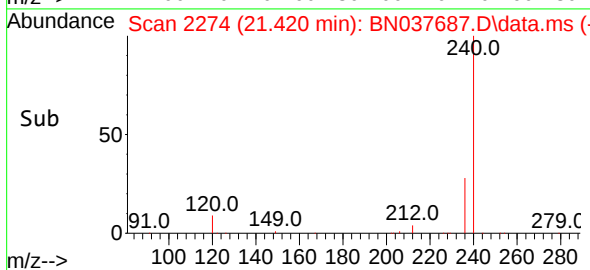
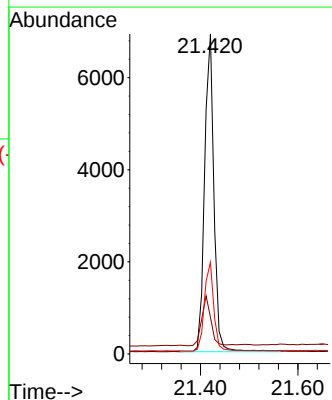
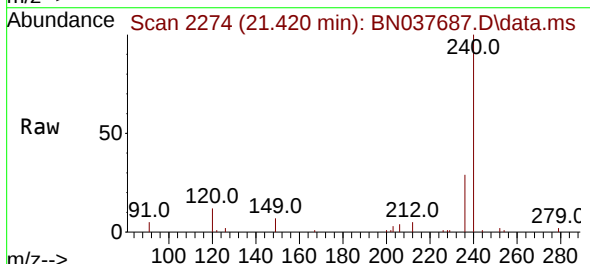
Instrument :
BNA_N
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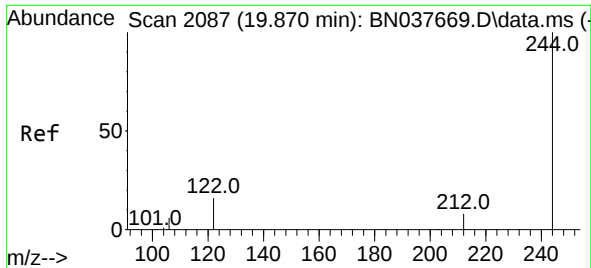
Tgt Ion:212 Resp: 8760
Ion Ratio Lower Upper
212 100
106 15.4 11.8 17.6
104 9.0 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

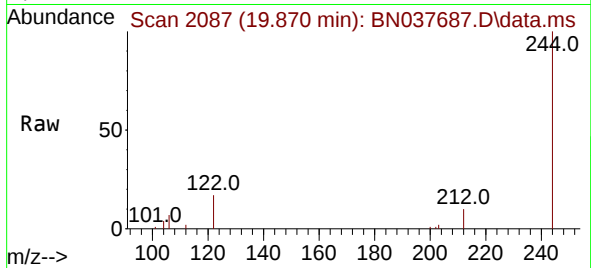
Tgt Ion:240 Resp: 9141
Ion Ratio Lower Upper
240 100
120 11.5 8.5 12.7
236 28.7 22.5 33.7



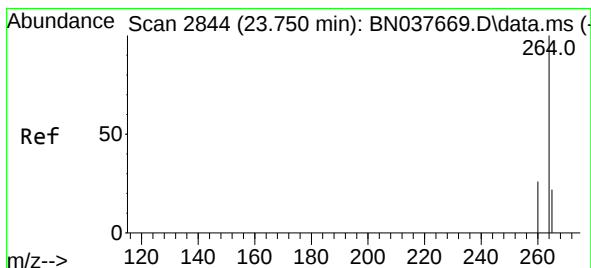
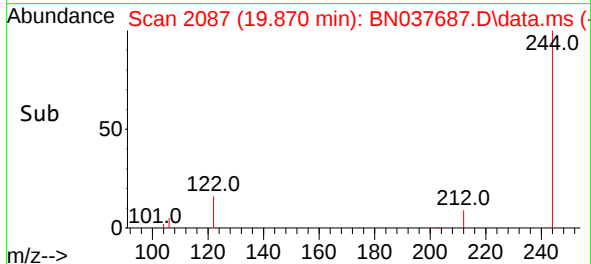
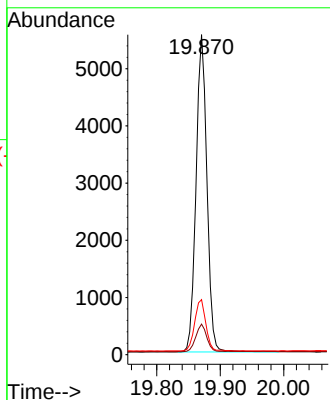


#31
 Terphenyl-d14
 Concen: 0.342 ng
 RT: 19.870 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: BN037687.D
 Acq: 10 Sep 2025 17:10

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:244 Resp: 6588
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.0 10.4
 122 17.2 13.4 20.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.750 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: BN037687.D
 Acq: 10 Sep 2025 17:10

Tgt Ion:264 Resp: 8795
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.2 31.8
 265 47.7 28.2 42.4#

