

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 :
 PB169500BL

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

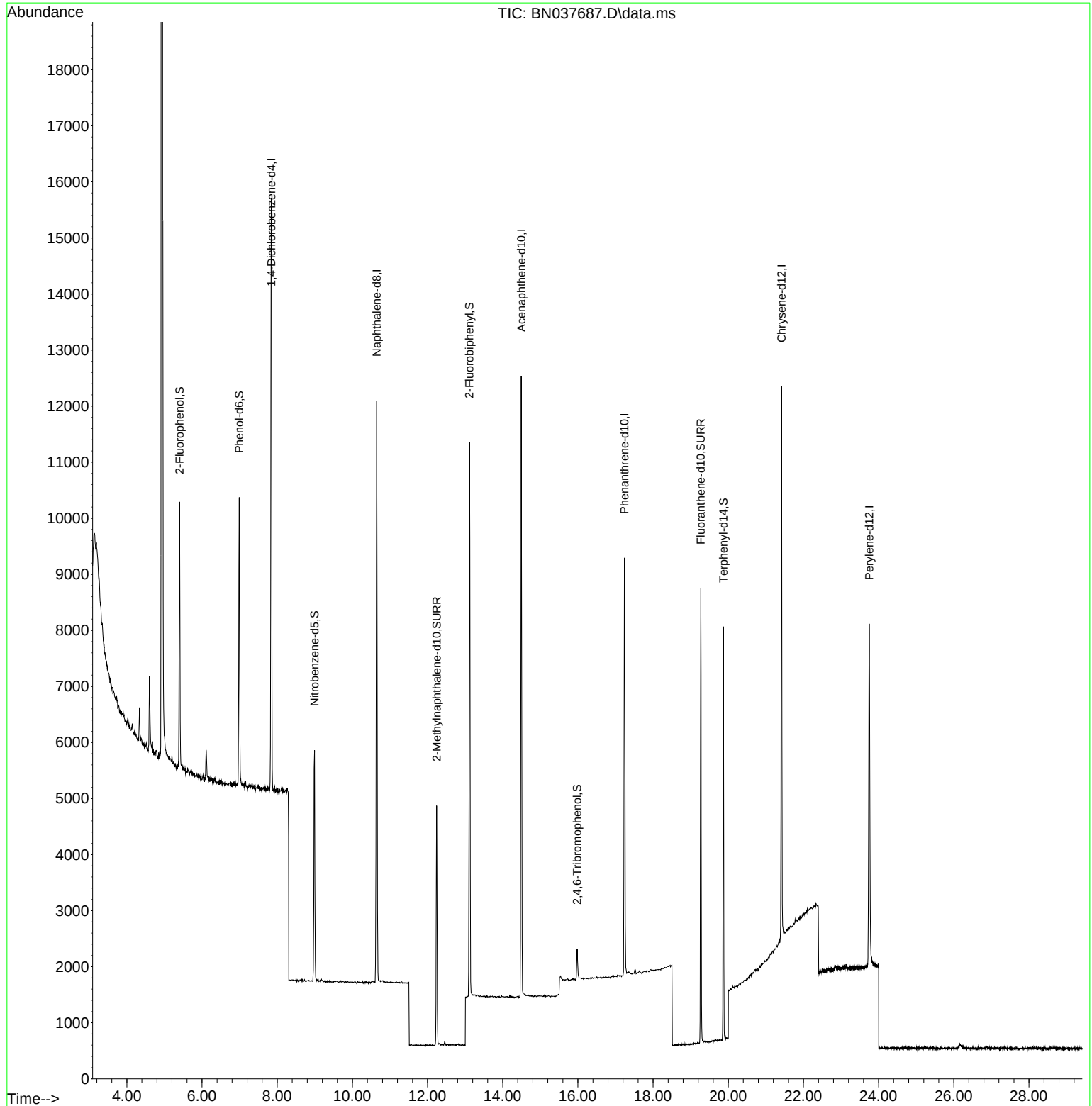
Target Compounds Qvalue

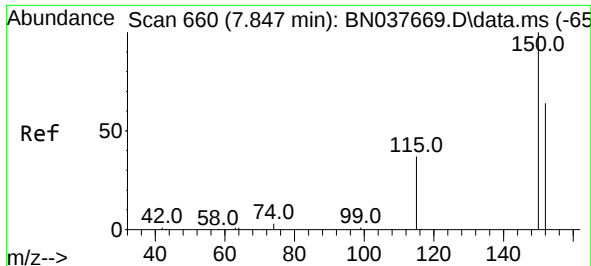
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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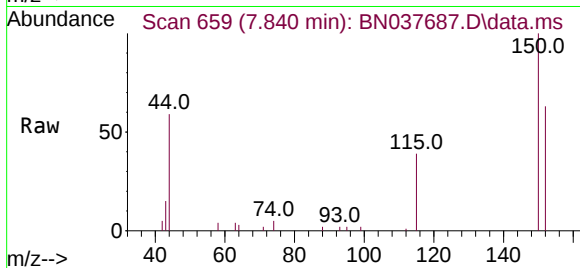
Quant Time: Sep 10 18:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 02:02:04 2025
Response via : Initial Calibration



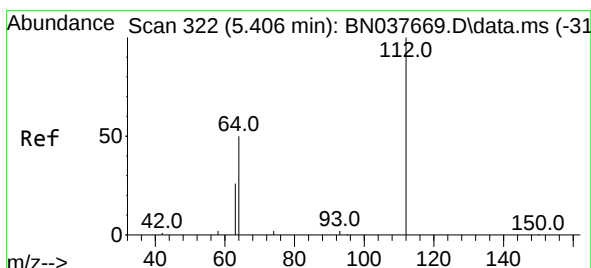
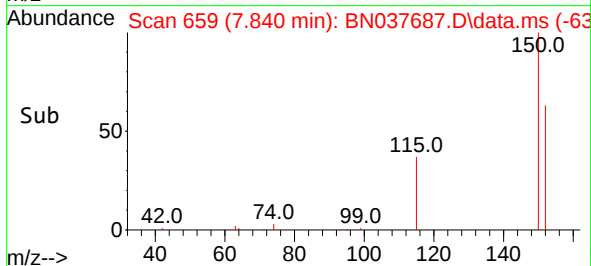
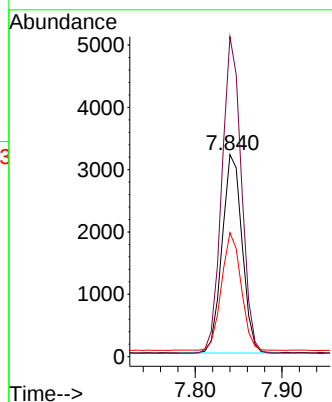


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

Instrument :
BNA_N
ClientSampleId :
PB169500BL

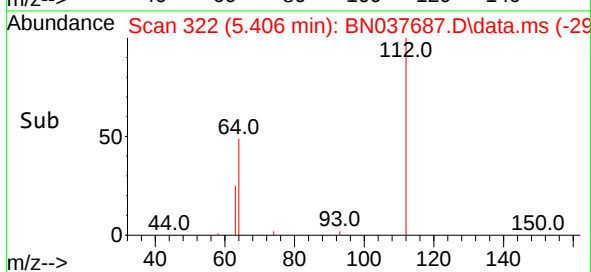
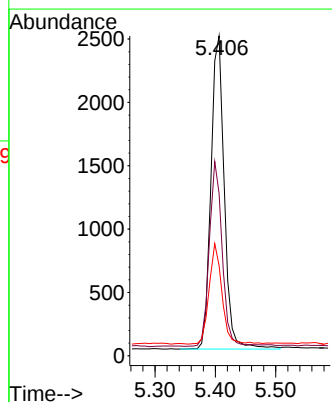
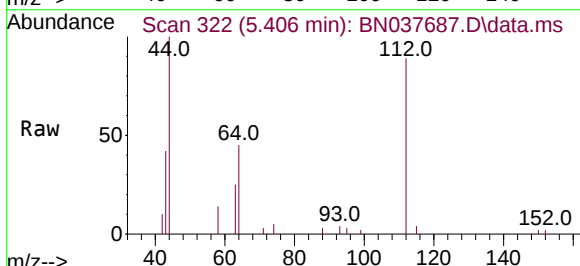


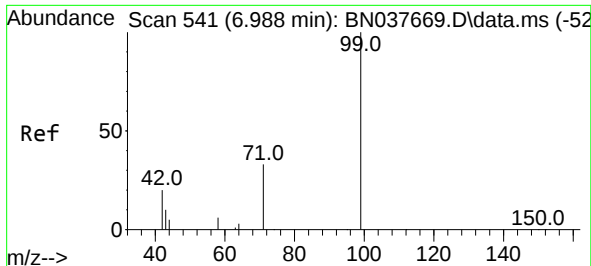
Tgt Ion:152 Resp: 5114
Ion Ratio Lower Upper
152 100
150 158.4 123.2 184.8
115 61.3 49.0 73.4



#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

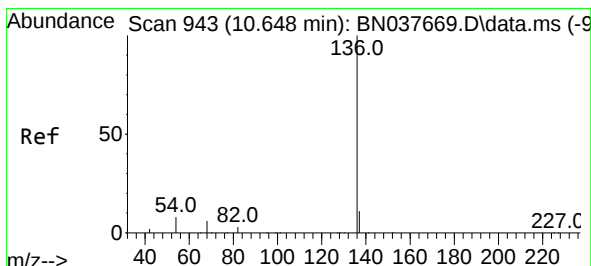
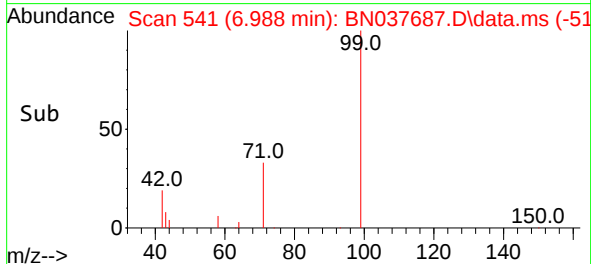
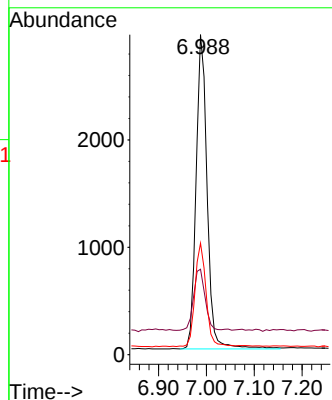
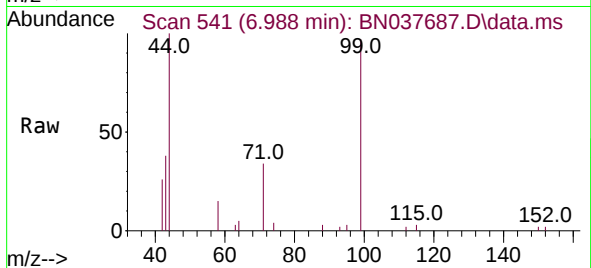




#5
Phenol-d6
Concen: 0.286 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

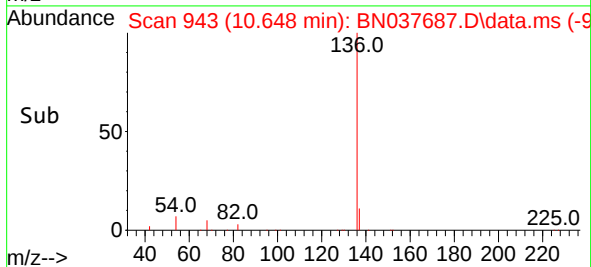
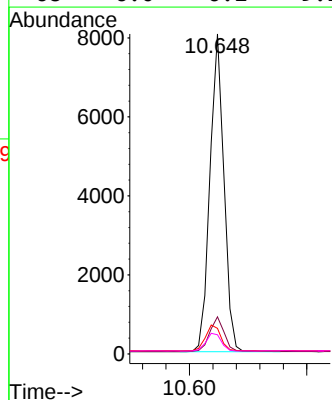
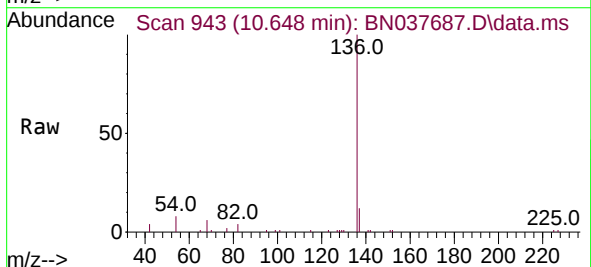
Instrument :
BNA_N
ClientSampleId :
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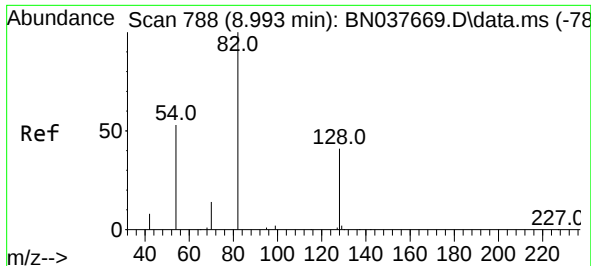
Tgt Ion:	99	Resp:	4708
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.7	26.5
71	32.8	26.7	40.1



#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#

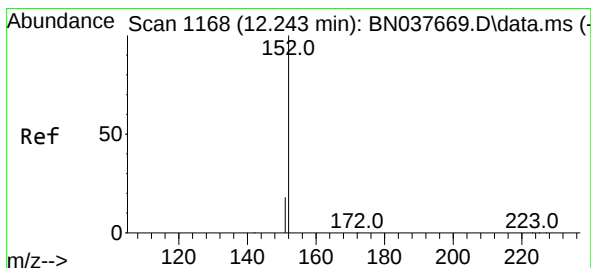
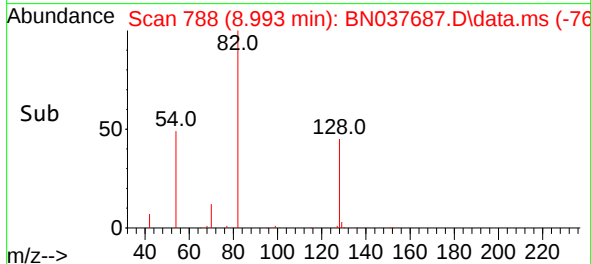
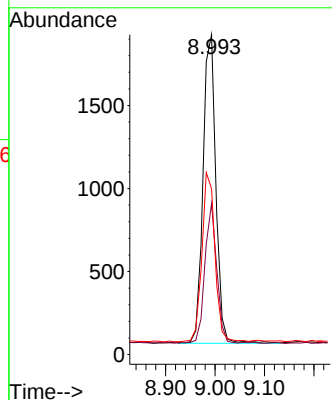
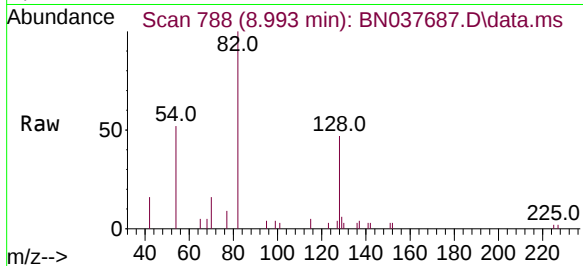




#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

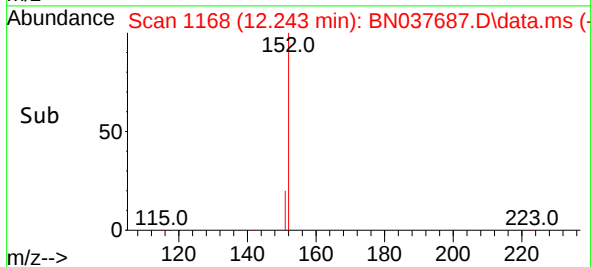
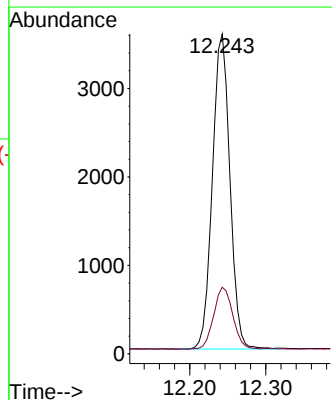
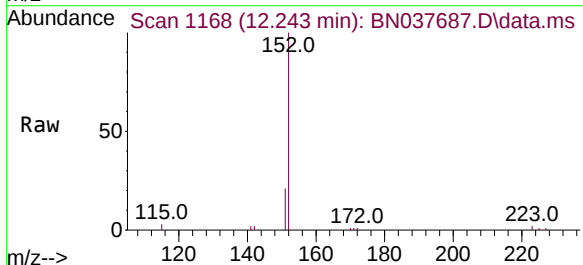
Instrument :
BNA_N
ClientSampleId :
PB169500BL

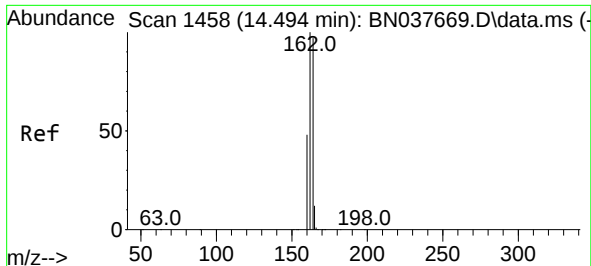
Tgt Ion:	82	Resp:	3361
Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.3	51.5
54	51.8	45.5	68.3



#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

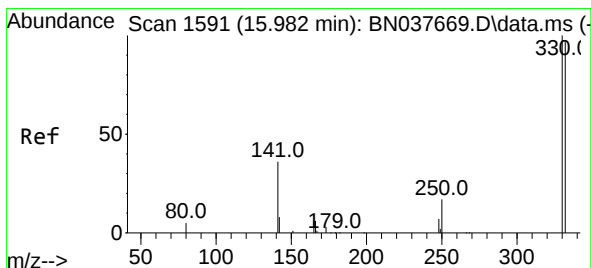
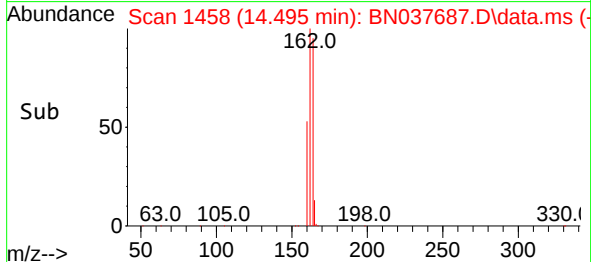
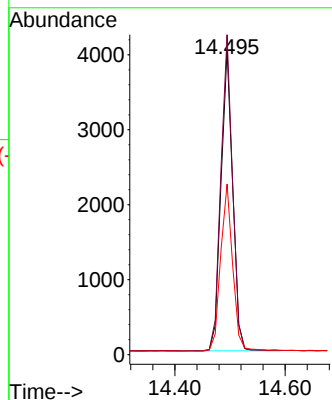
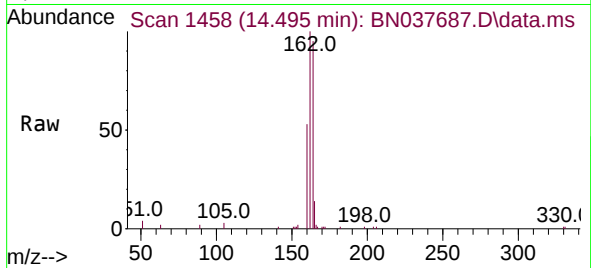




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.495 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: BN037687.D
 Acq: 10 Sep 2025 17:10

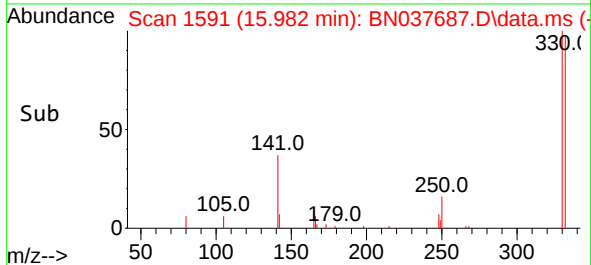
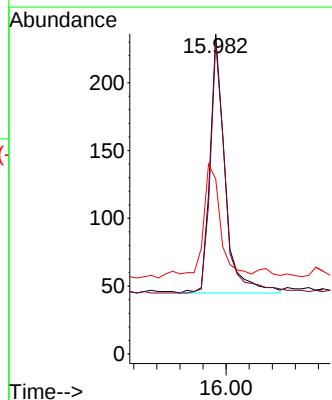
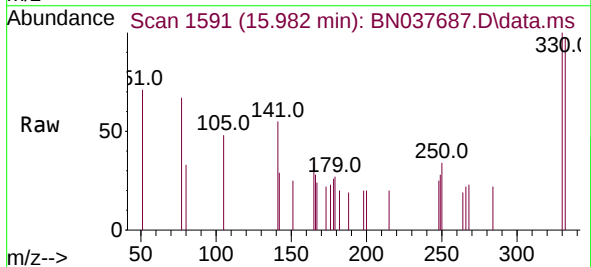
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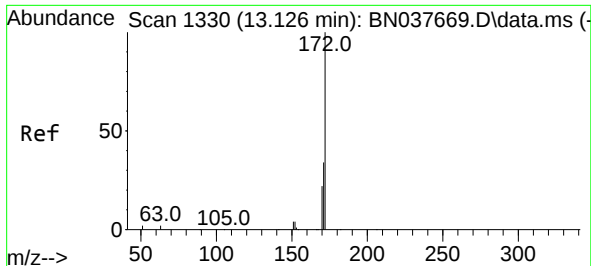
Tgt Ion:164 Resp: 5935
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.6 123.8
 160 56.0 39.7 59.5



#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

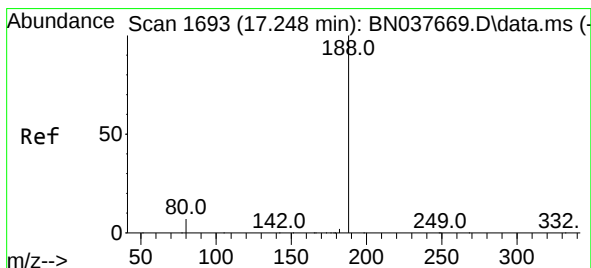
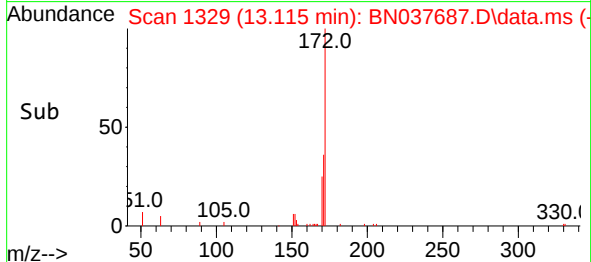
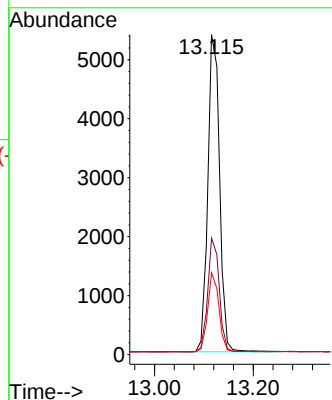
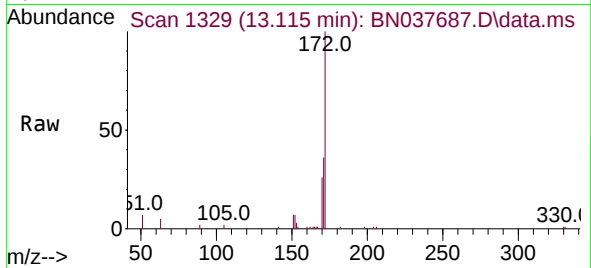




#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.115 min Scan# 1330
Delta R.T. -0.011 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

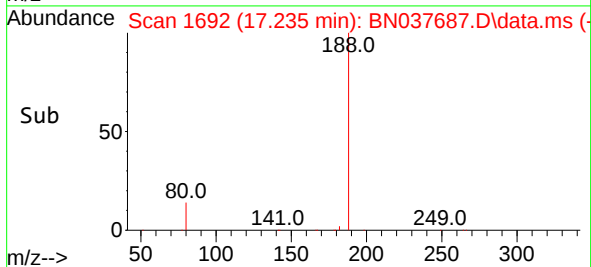
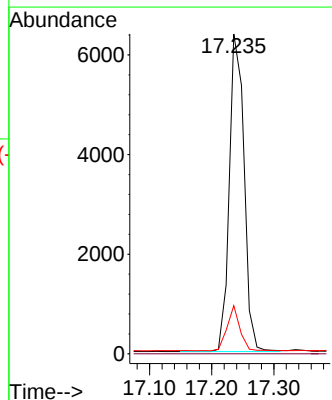
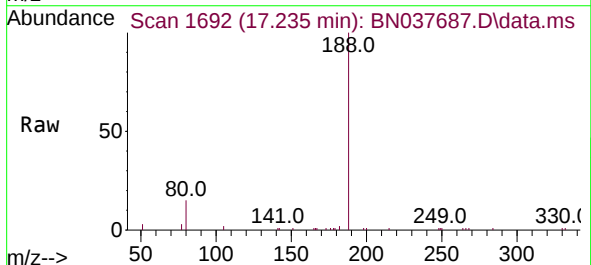
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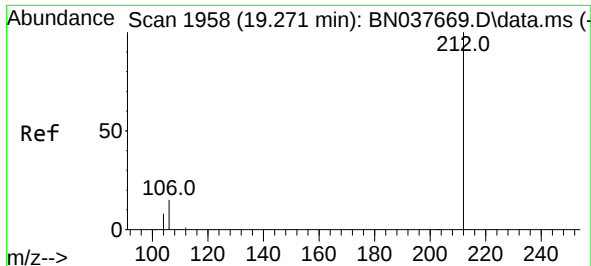
Tgt Ion:172 Resp: 8900
Ion Ratio Lower Upper
172 100
171 36.4 27.8 41.8
170 25.6 18.4 27.6



#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

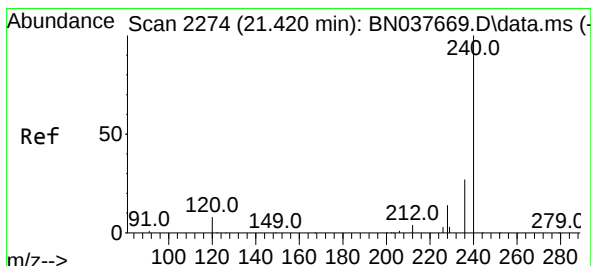
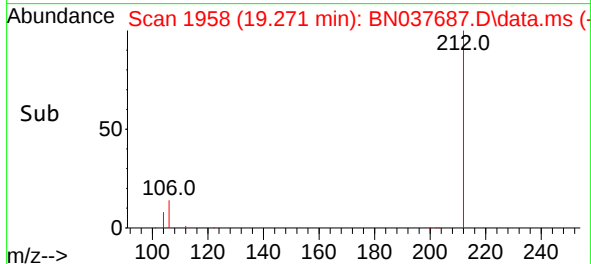
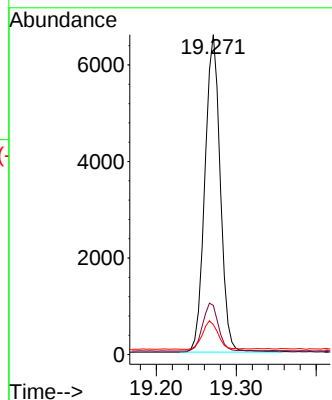
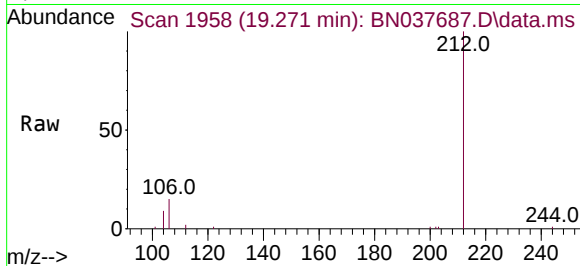




#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.271 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

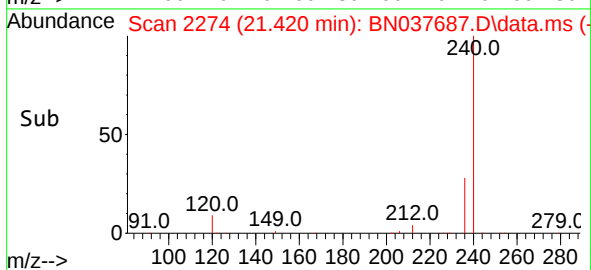
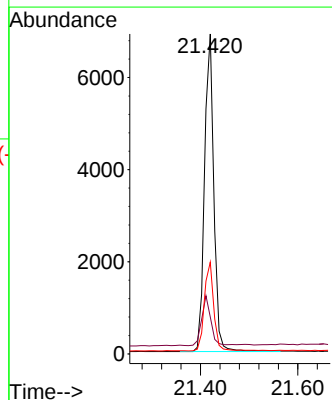
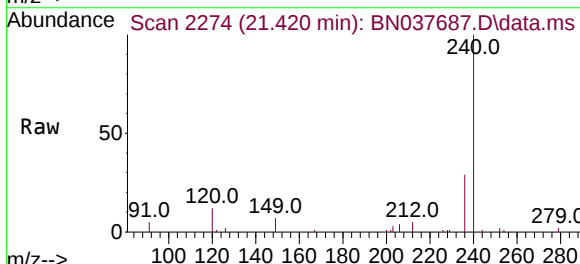
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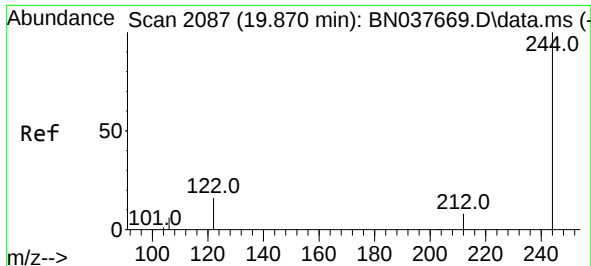
Tgt Ion:212 Resp: 8760
Ion Ratio Lower Upper
212 100
106 15.4 11.8 17.6
104 9.0 6.6 10.0



#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

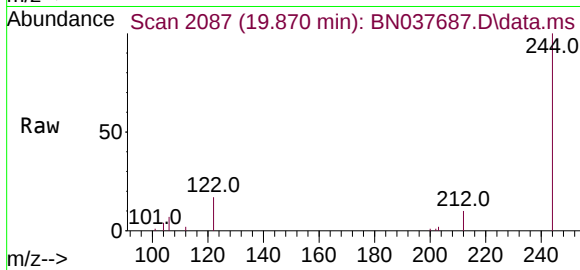
Tgt Ion:240 Resp: 9141
Ion Ratio Lower Upper
240 100
120 11.5 8.5 12.7
236 28.7 22.5 33.7



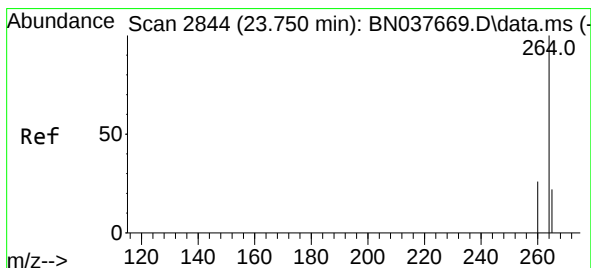
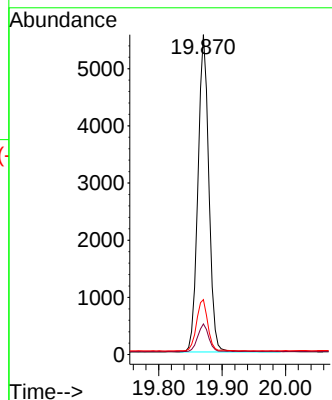


#31
Terphenyl-d14
Concen: 0.342 ng
RT: 19.870 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BN037687.D
Acq: 10 Sep 2025 17:10

Instrument :
BNA_N
ClientSampleId :
PB169500BL



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#

