

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038166.D
 Acq On : 07 Nov 2025 22:54
 Operator : RC/JU
 Sample : PB170427BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170427BL

Quant Time: Nov 08 03:28:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8786	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25751	0.400	ng	# 0.00
13) Acenaphthene-d10	14.441	164	13576	0.400	ng	0.01
19) Phenanthrene-d10	17.186	188	20711	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	12967	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	14107	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	8397	0.406	ng	0.00
5) Phenol-d6	6.937	99	9322	0.370	ng	0.00
8) Nitrobenzene-d5	8.929	82	8179	0.394	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	13506	0.367	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	1265	0.226	ng	0.01
15) 2-Fluorobiphenyl	13.062	172	22627	0.416	ng	0.01
27) Fluoranthene-d10	19.225	212	16467	0.315	ng	0.00
31) Terphenyl-d14	19.824	244	12995	0.461	ng	0.00

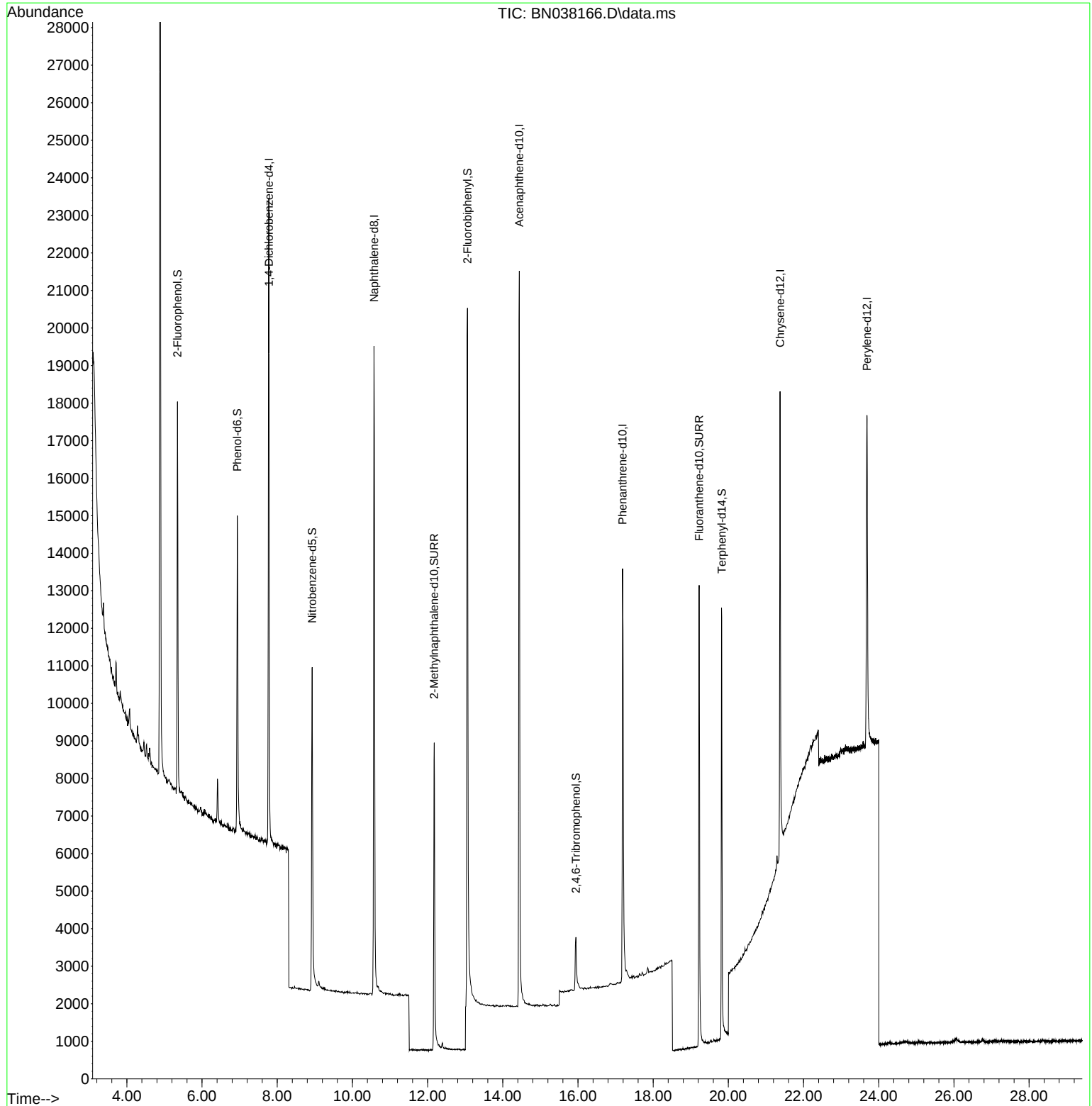
Target Compounds Qvalue

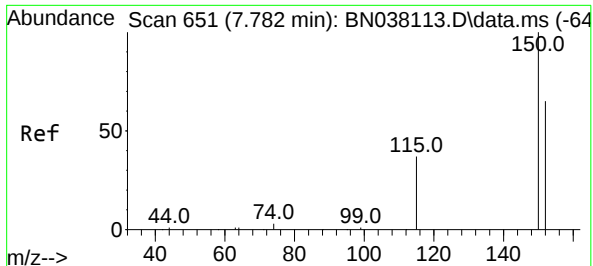
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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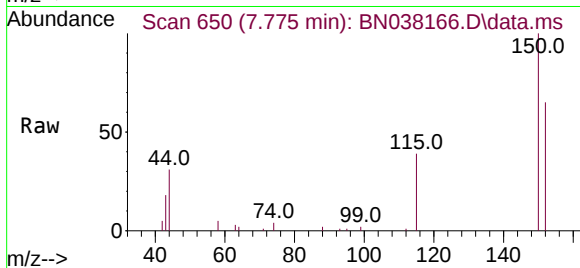
Quant Time: Nov 08 03:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



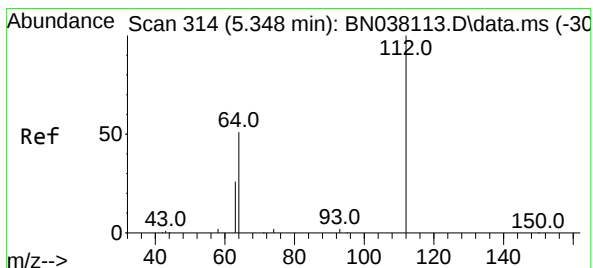
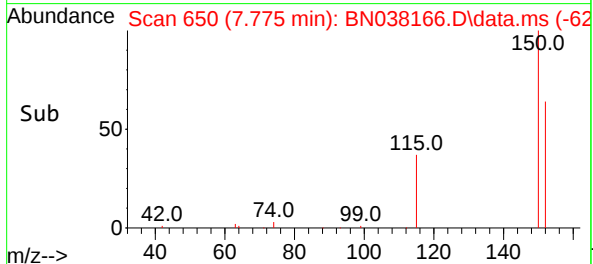
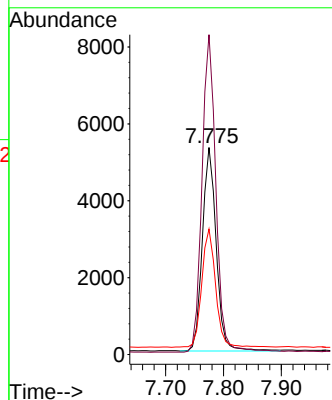


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

Instrument :
BNA_N
ClientSampleId :
PB170427BL

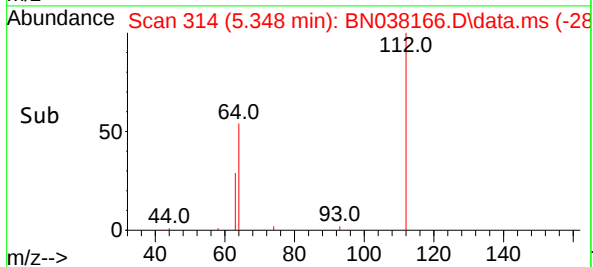
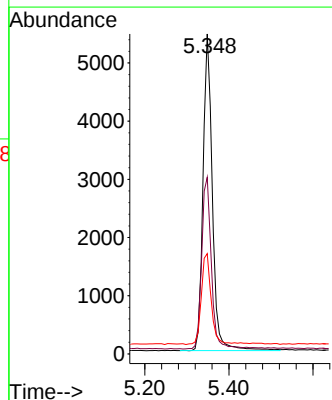
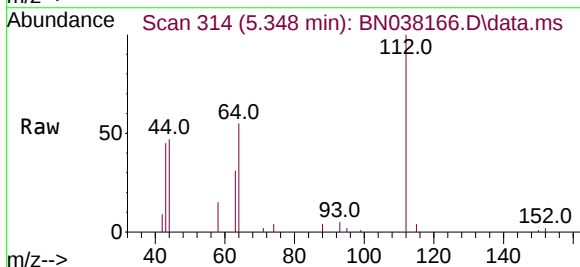


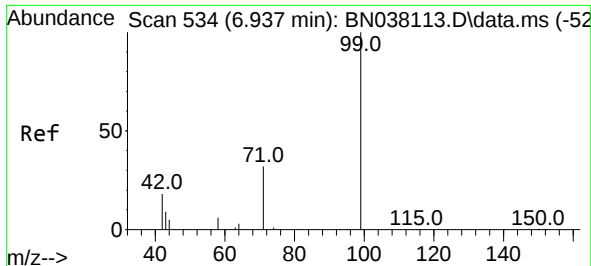
Tgt Ion:152 Resp: 8786
Ion Ratio Lower Upper
152 100
150 154.5 122.3 183.5
115 60.6 47.4 71.0



#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

Tgt Ion:112 Resp: 8397
Ion Ratio Lower Upper
112 100
64 56.9 45.4 68.0
63 30.0 23.2 34.8

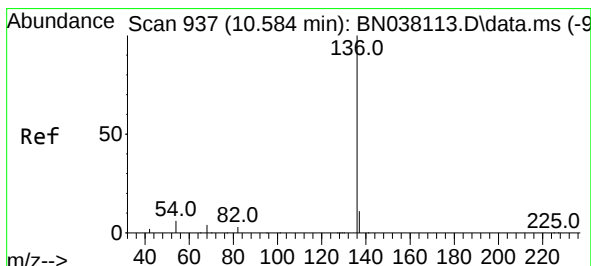
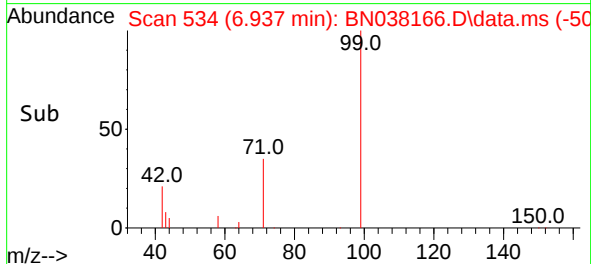
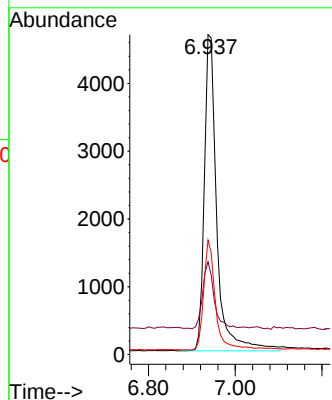
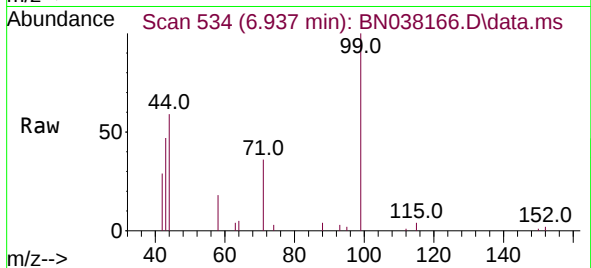




#5
Phenol-d6
Concen: 0.370 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

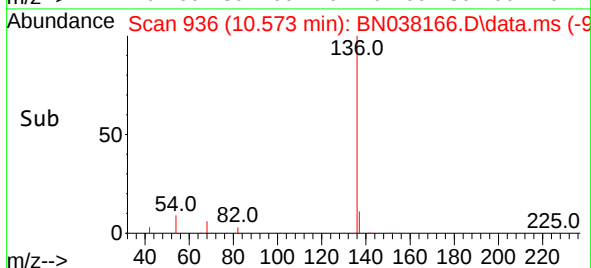
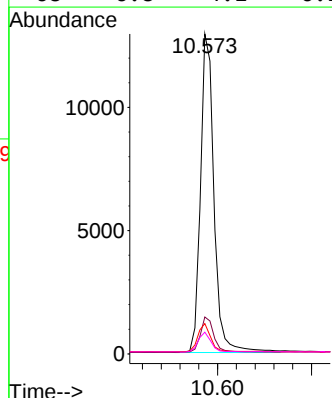
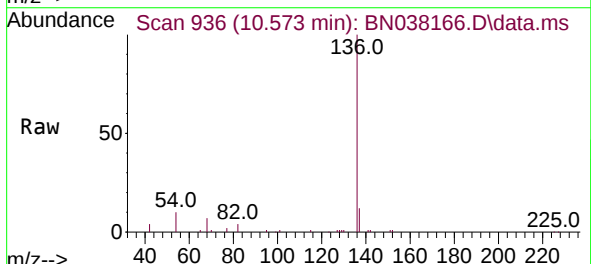
Instrument :
BNA_N
ClientSampleId :
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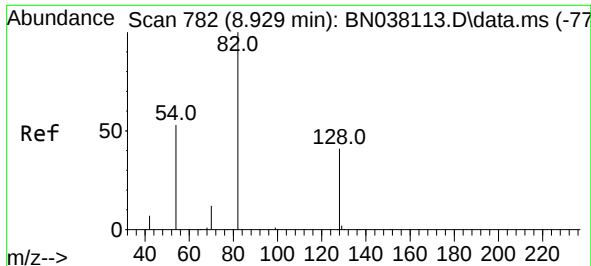
Tgt Ion:	99	Resp:	9322
Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.6	24.8
71	33.1	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

Tgt Ion:	136	Resp:	25751
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.5	5.2	7.8#
68	6.8	4.1	6.1#

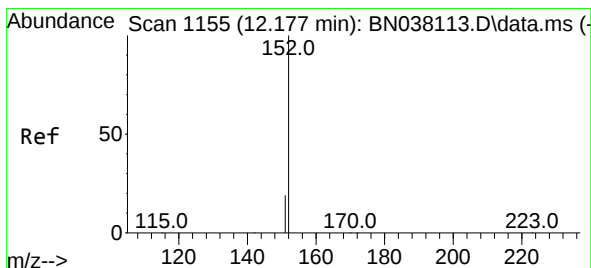
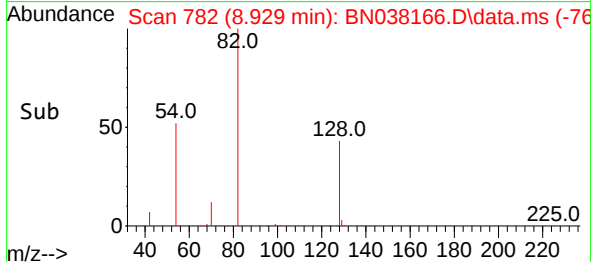
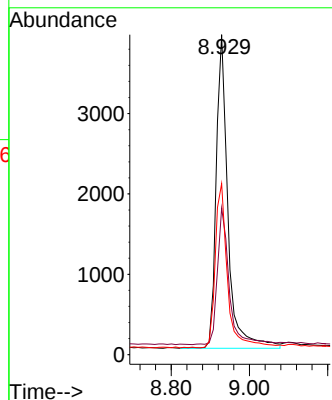
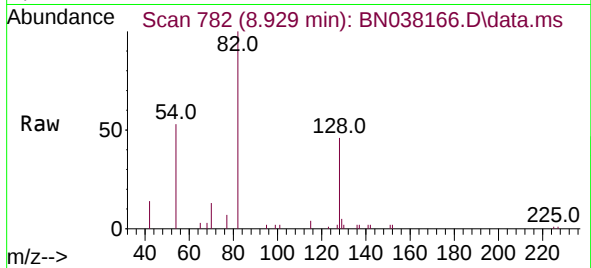




#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

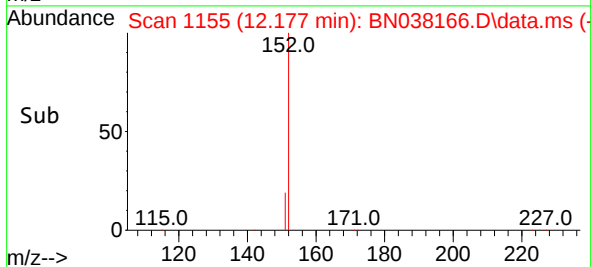
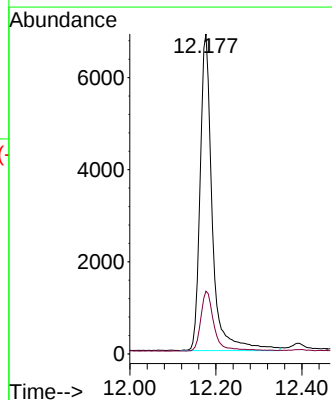
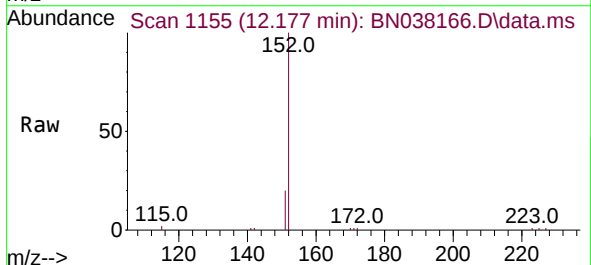
Instrument :
BNA_N
ClientSampleId :
PB170427BL

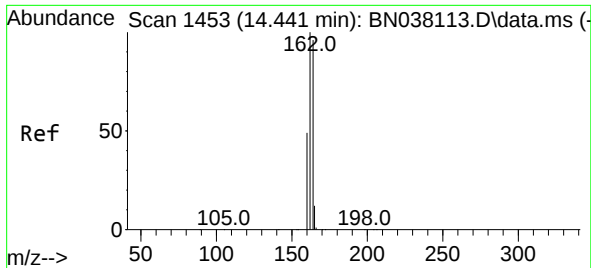
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.1	51.1
54	53.5	43.5	65.3



#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2

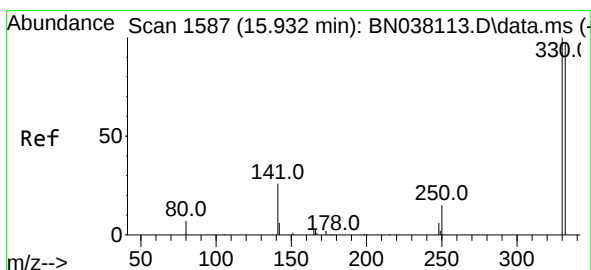
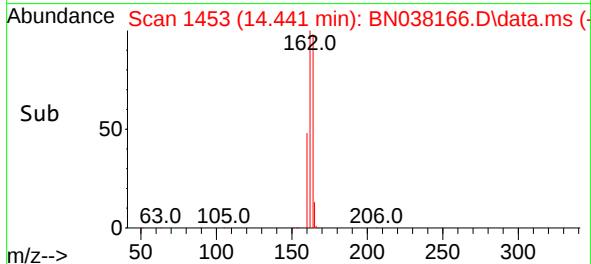
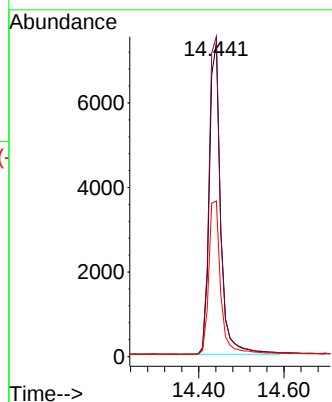
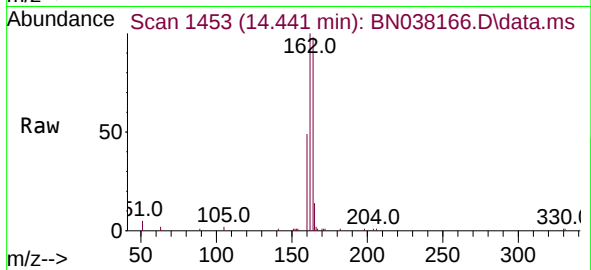




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.011 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

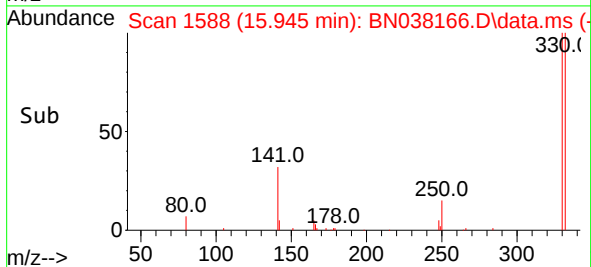
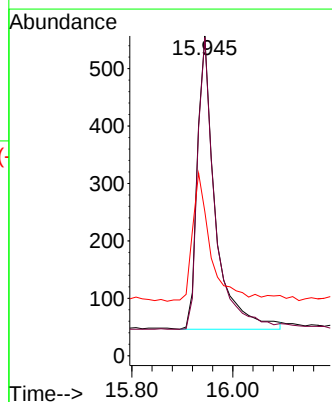
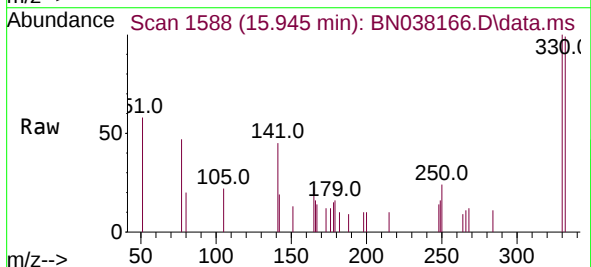
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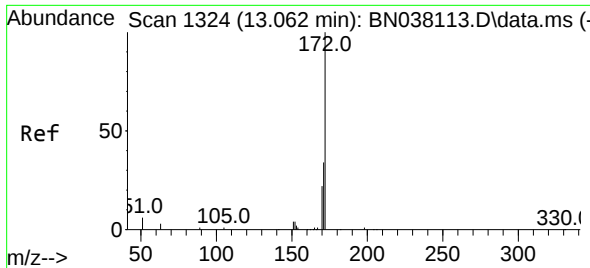
Tgt Ion:164 Resp: 13576
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.4
160 49.6 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.945 min Scan# 1588
Delta R.T. 0.013 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

Tgt Ion:330 Resp: 1265
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 43.9 34.1 51.1

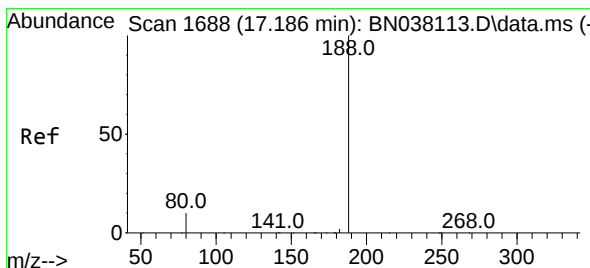
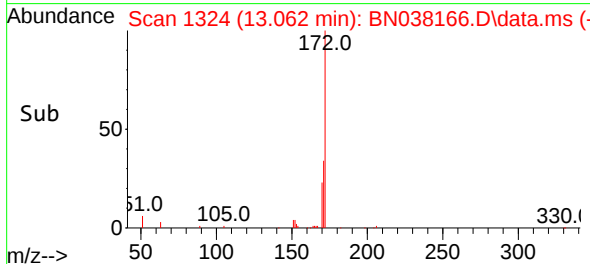
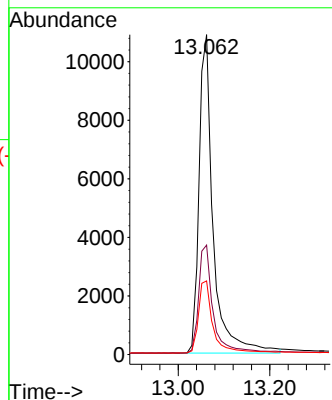
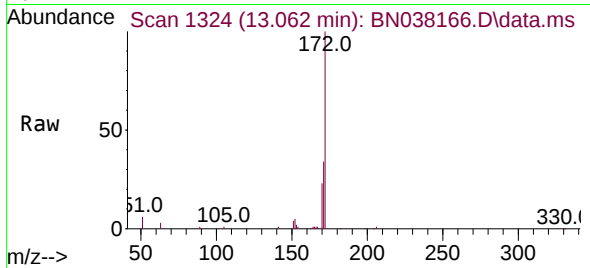




#15
 2-Fluorobiphenyl
 Concen: 0.416 ng
 RT: 13.062 min Scan# 1324
 Delta R.T. 0.011 min
 Lab File: BN038166.D
 Acq: 07 Nov 2025 22:54

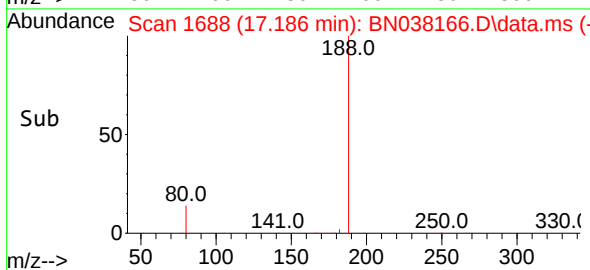
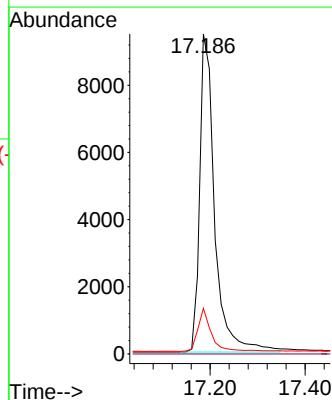
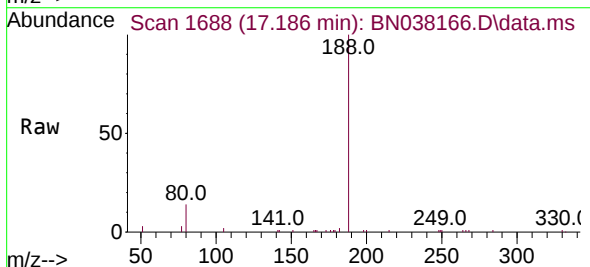
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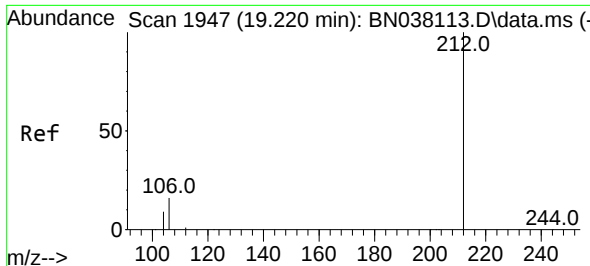
Tgt Ion:	172	Resp:	22627
Ion Ratio	Lower	Upper	
172	100		
171	34.2	27.8	41.6
170	23.0	18.1	27.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.186 min Scan# 1688
 Delta R.T. 0.000 min
 Lab File: BN038166.D
 Acq: 07 Nov 2025 22:54

Tgt Ion:	188	Resp:	20711
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.2	8.6	13.0

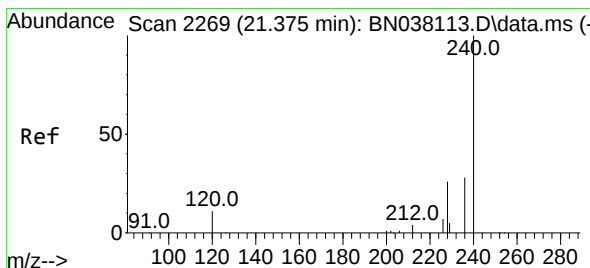
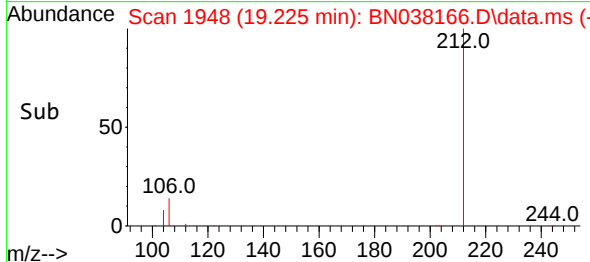
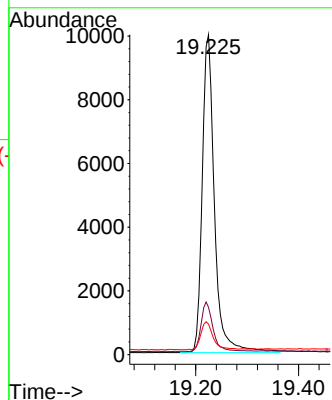
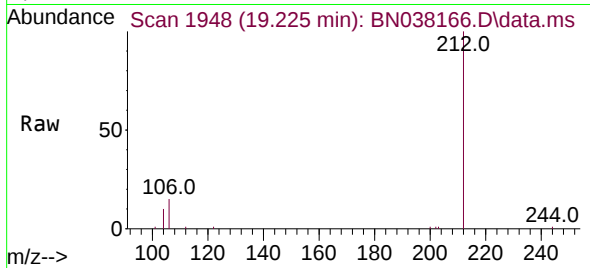




#27
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.225 min Scan# 1948
Delta R.T. 0.005 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

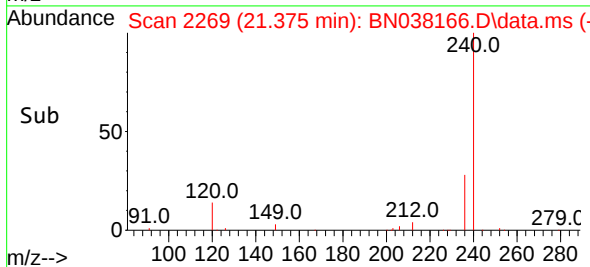
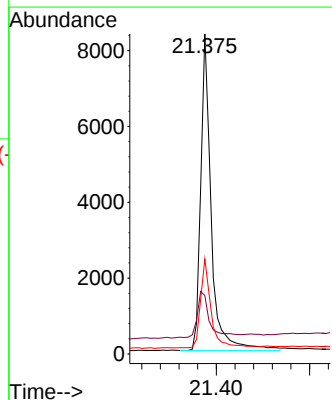
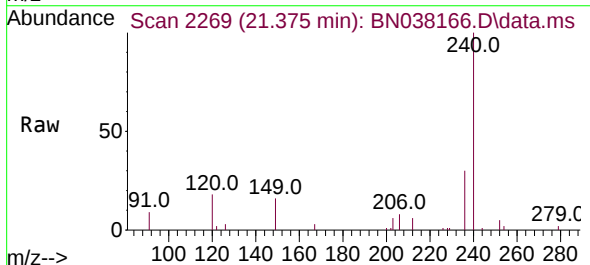
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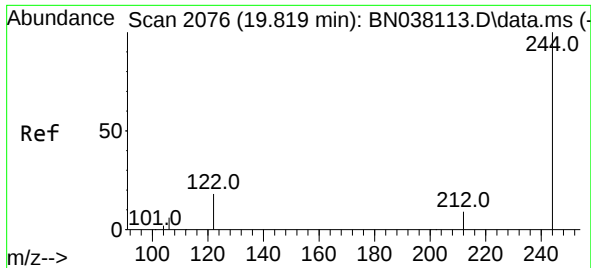
Tgt Ion:212 Resp: 16467
Ion Ratio Lower Upper
212 100
106 15.2 12.6 19.0
104 8.8 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

Tgt Ion:240 Resp: 12967
Ion Ratio Lower Upper
240 100
120 18.2 10.7 16.1#
236 29.7 23.1 34.7

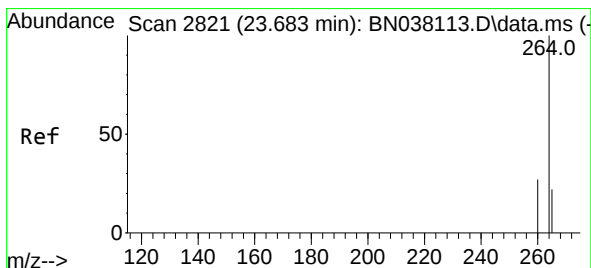
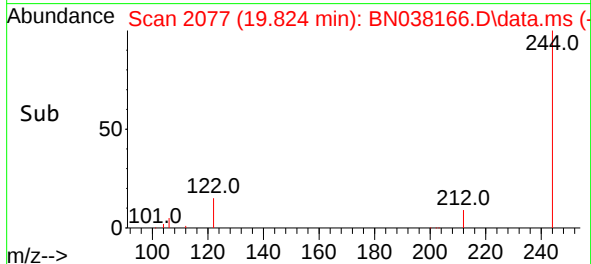
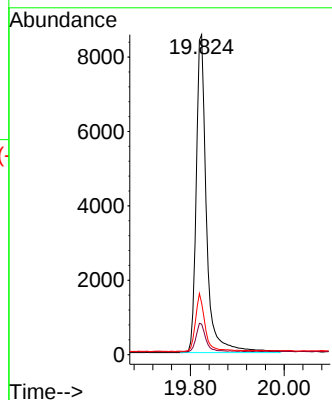
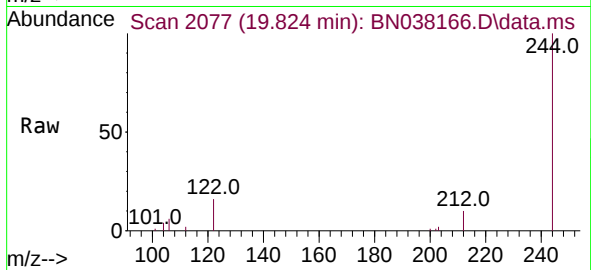




#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.824 min Scan# 2076
Delta R.T. 0.005 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Tgt Ion:244 Resp: 12995
Ion Ratio Lower Upper
244 100
212 9.5 7.8 11.6
122 16.1 15.2 22.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038166.D
Acq: 07 Nov 2025 22:54

Tgt Ion:264 Resp: 14107
Ion Ratio Lower Upper
264 100
260 27.1 21.8 32.8
265 111.4 68.6 102.8#

