

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102825\
 Data File : BN038119.D
 Acq On : 28 Oct 2025 19:04
 Operator : RC/JU
 Sample : PB170167BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170167BL

Quant Time: Oct 28 19:31:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 28 17:15:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	9392	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	26518	0.400	ng	0.01
13) Acenaphthene-d10	14.441	164	14197	0.400	ng	0.01
19) Phenanthrene-d10	17.186	188	25562	0.400	ng	0.00
29) Chrysene-d12	21.375	240	16610	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	13853	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	7940	0.359	ng	0.00
5) Phenol-d6	6.937	99	8785	0.326	ng	0.00
8) Nitrobenzene-d5	8.929	82	7731	0.361	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	13376	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	363	0.062	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	23012	0.405	ng	0.01
27) Fluoranthene-d10	19.220	212	22135	0.343	ng	0.00
31) Terphenyl-d14	19.824	244	17649	0.489	ng	0.00

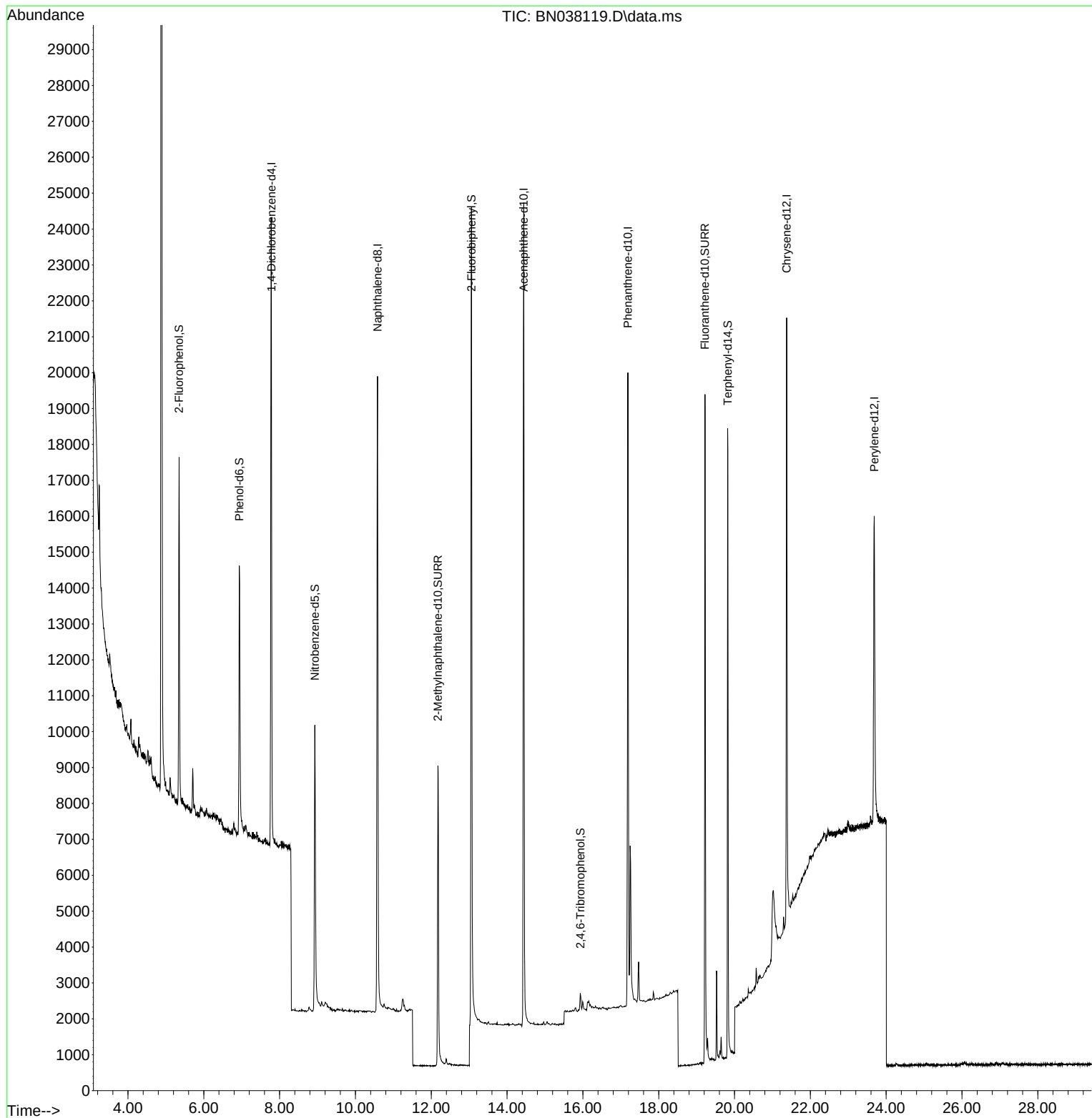
Target Compounds Qvalue

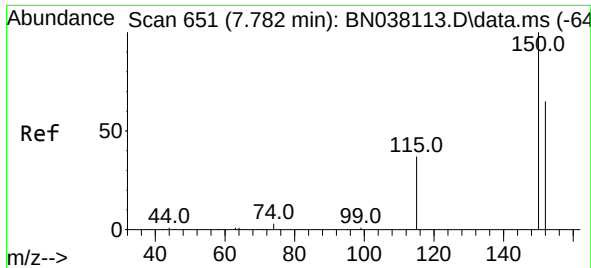
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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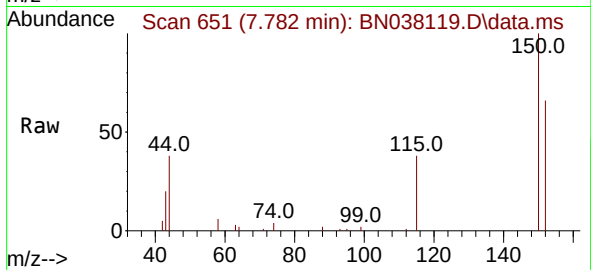
Quant Time: Oct 28 19:31:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





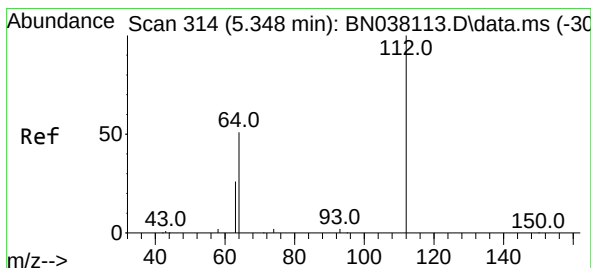
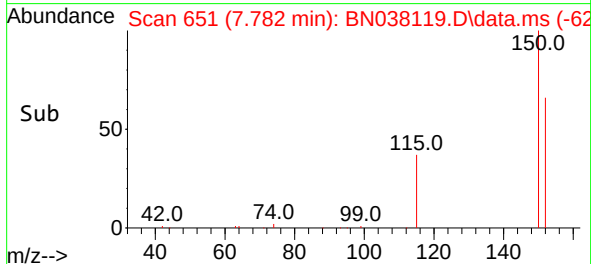
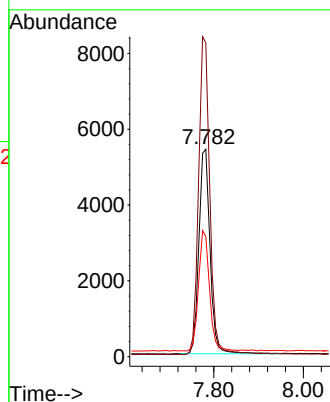
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 651
 Delta R.T. 0.007 min
 Lab File: BN038119.D
 Acq: 28 Oct 2025 19:04

Instrument :
 BNA_N
 ClientSampleId :
 PB170167BL



Tgt Ion:152 Resp: 9392

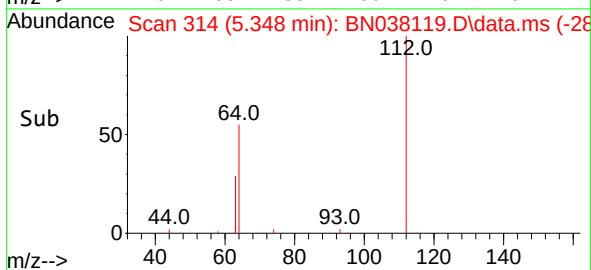
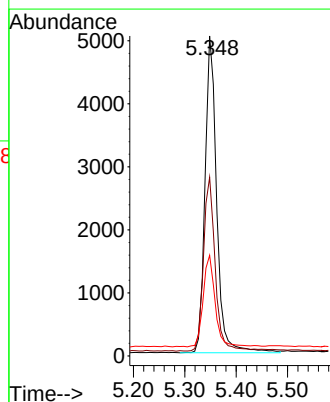
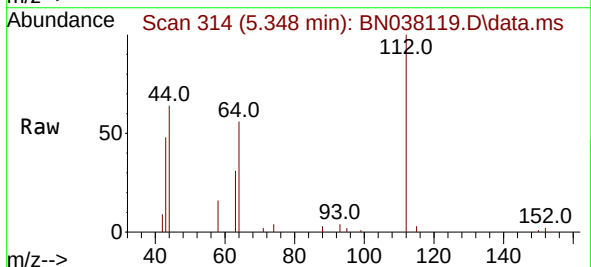
Ion	Ratio	Lower	Upper
152	100		
150	151.3	122.3	183.5
115	57.9	47.4	71.0

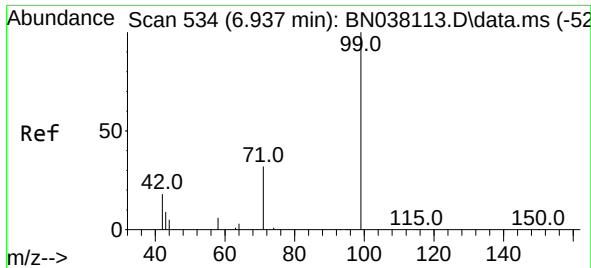


#4
 2-Fluorophenol
 Concen: 0.359 ng
 RT: 5.348 min Scan# 314
 Delta R.T. -0.000 min
 Lab File: BN038119.D
 Acq: 28 Oct 2025 19:04

Tgt Ion:112 Resp: 7940

Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.4	68.0
63	29.7	23.2	34.8

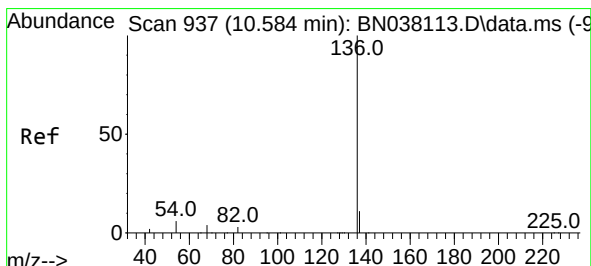
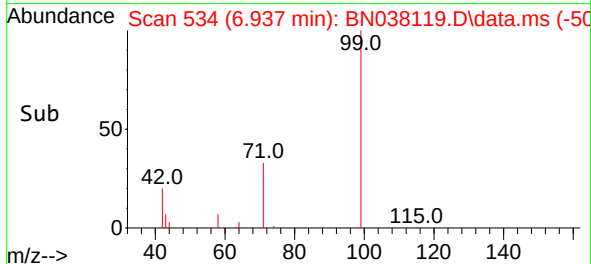
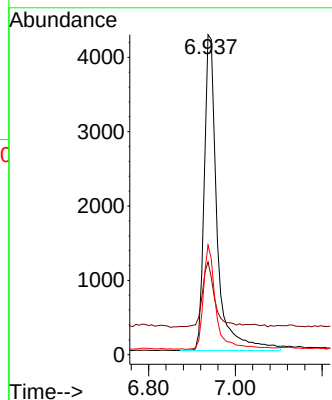
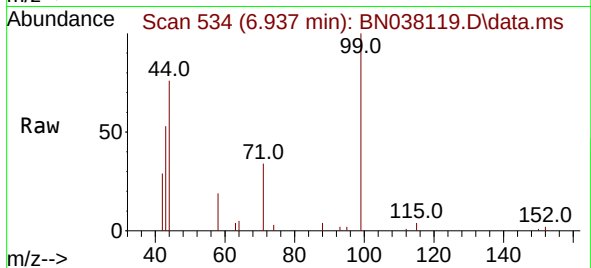




#5
Phenol-d6
Concen: 0.326 ng
RT: 6.937 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

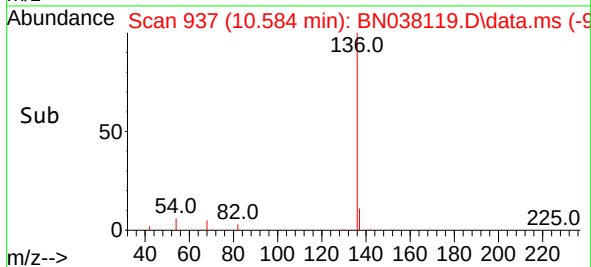
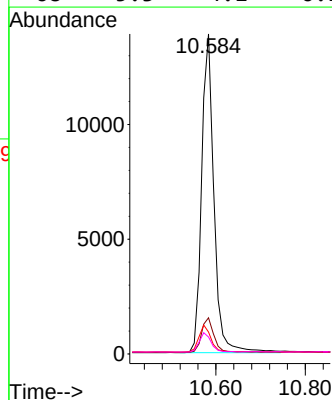
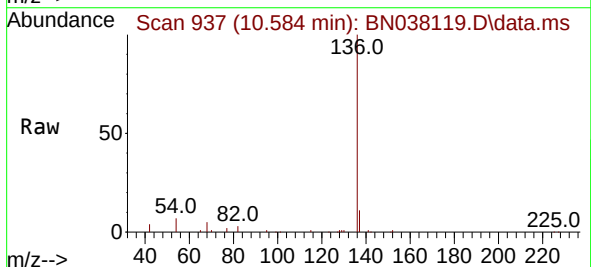
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BNA_N
ClientSampleId :
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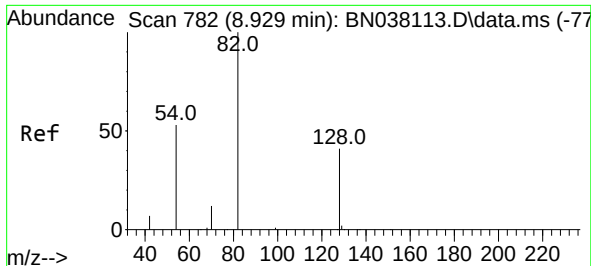
Tgt Ion:	99	Resp:	8785
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.6	24.8
71	32.3	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. 0.011 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion:	136	Resp:	26518
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.8	5.2	7.8
68	5.3	4.1	6.1

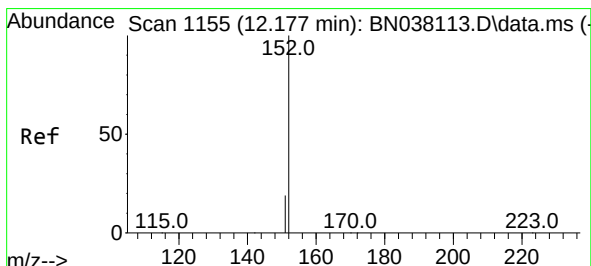
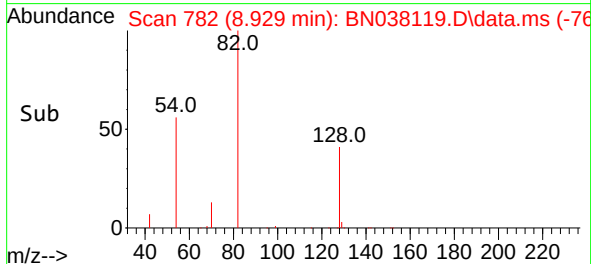
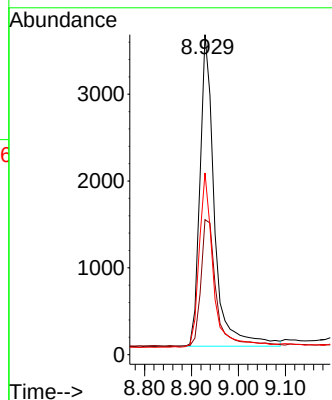
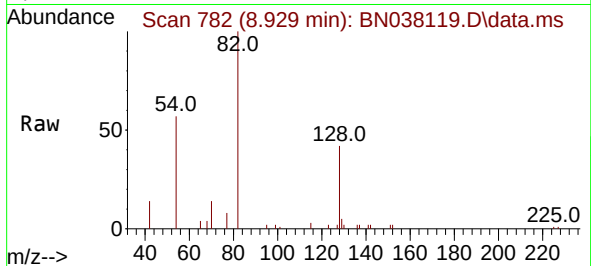




#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

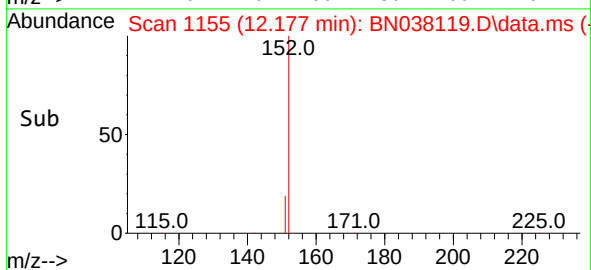
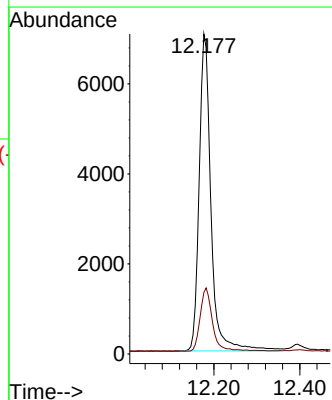
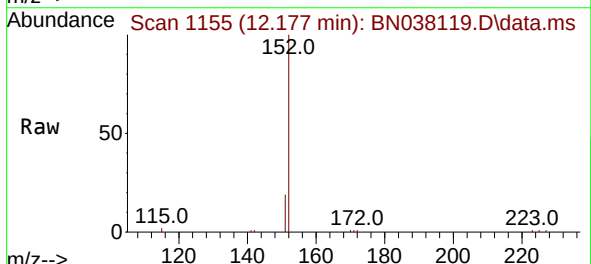
Instrument :
BNA_N
ClientSampleId :
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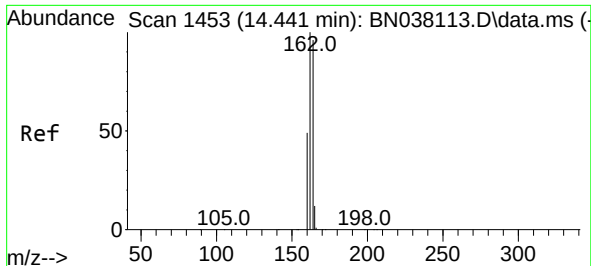
Tgt Ion: 82 Resp: 7731
Ion Ratio Lower Upper
82 100
128 42.2 34.1 51.1
54 56.8 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion: 152 Resp: 13376
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2

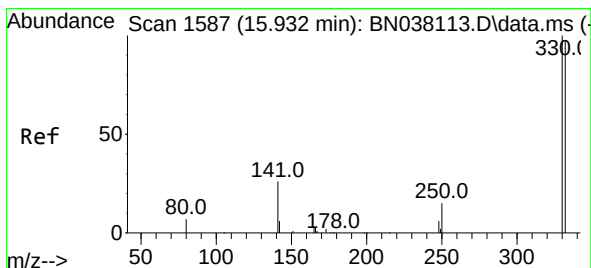
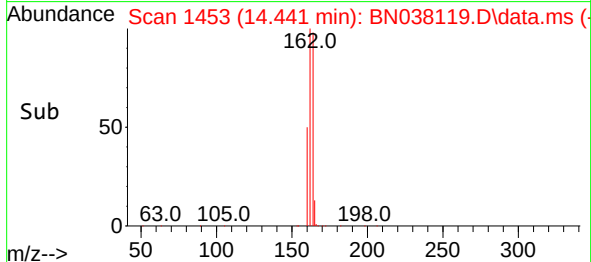
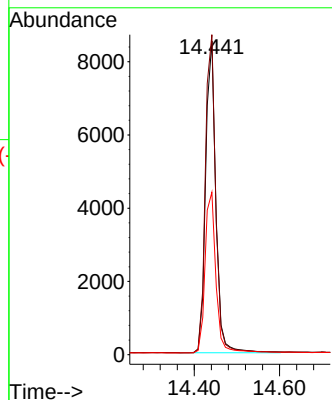
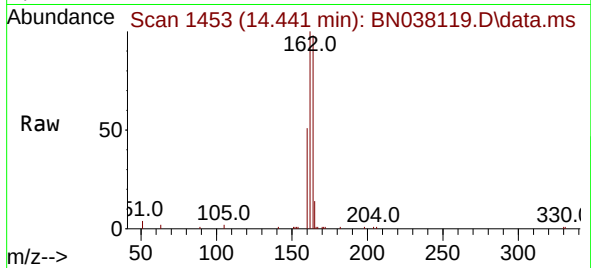




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.011 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

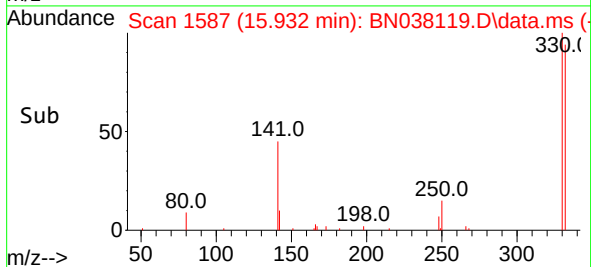
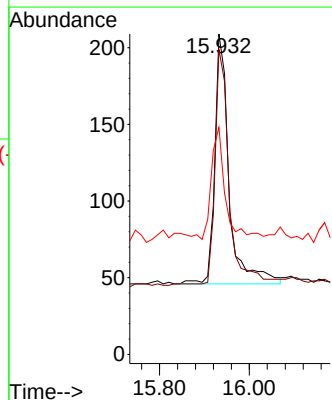
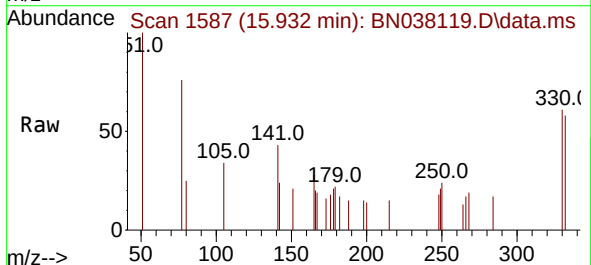
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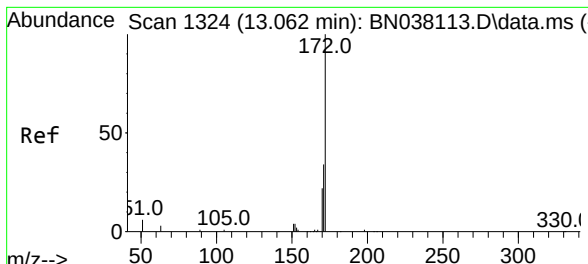
Tgt Ion:164 Resp: 14197
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.4
160 51.8 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.062 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion:330 Resp: 363
Ion Ratio Lower Upper
330 100
332 90.1 76.6 114.8
141 44.9 34.1 51.1

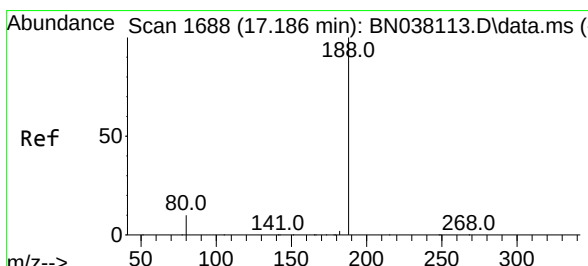
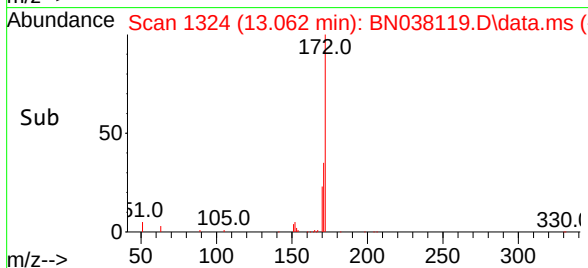
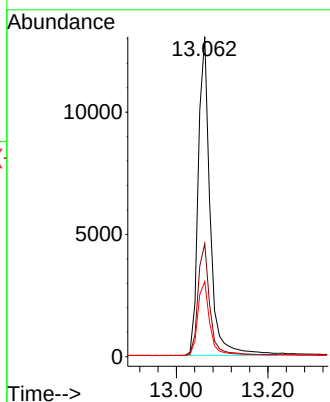
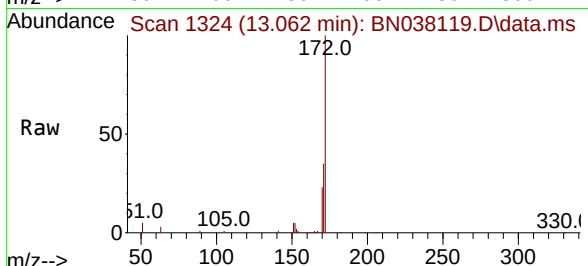




#15
 2-Fluorobiphenyl
 Concen: 0.405 ng
 RT: 13.062 min Scan# 1324
 Delta R.T. 0.011 min
 Lab File: BN038119.D
 Acq: 28 Oct 2025 19:04

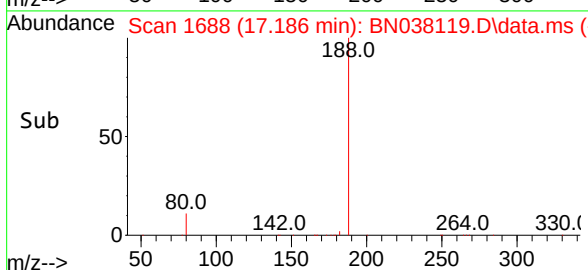
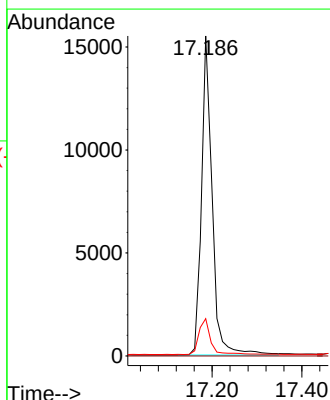
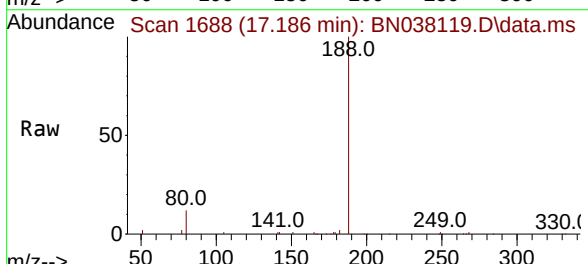
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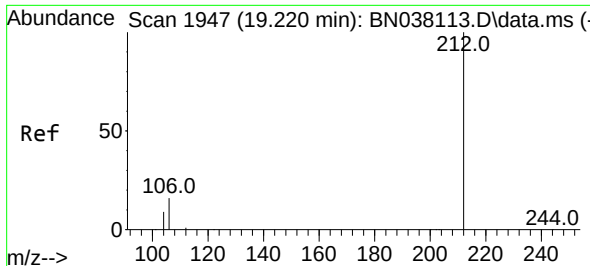
Tgt Ion:	172	Resp:	23012
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.8	41.6
170	23.5	18.1	27.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.186 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: BN038119.D
 Acq: 28 Oct 2025 19:04

Tgt Ion:	188	Resp:	25562
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.7	8.6	13.0

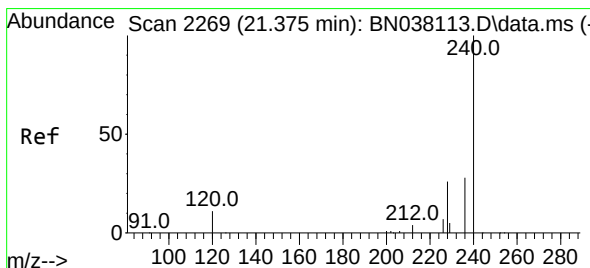
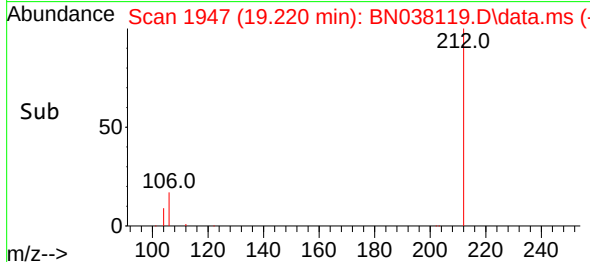
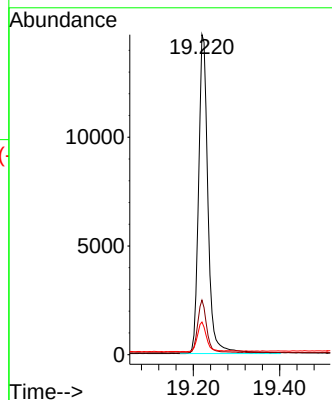
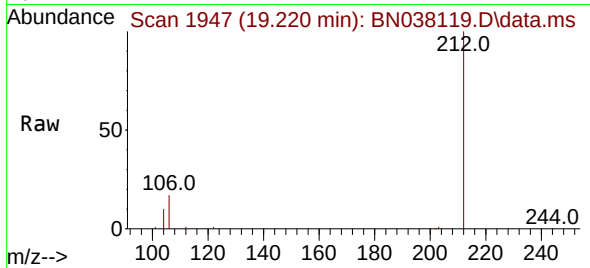




#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

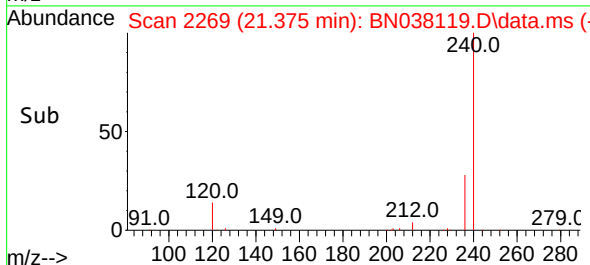
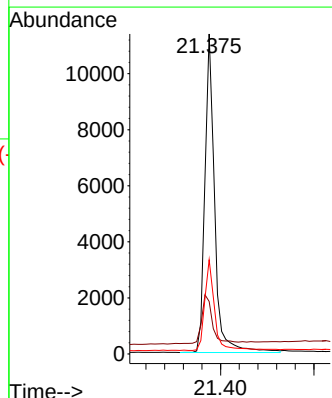
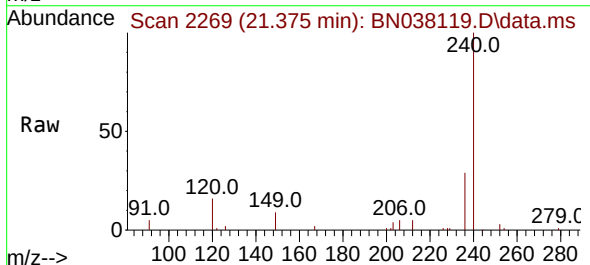
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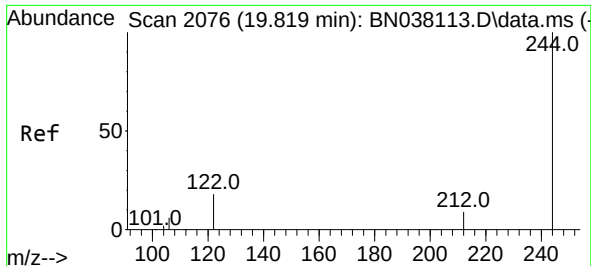
Tgt Ion:212 Resp: 22135
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 8.9 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion:240 Resp: 16610
Ion Ratio Lower Upper
240 100
120 16.4 10.7 16.1#
236 29.5 23.1 34.7

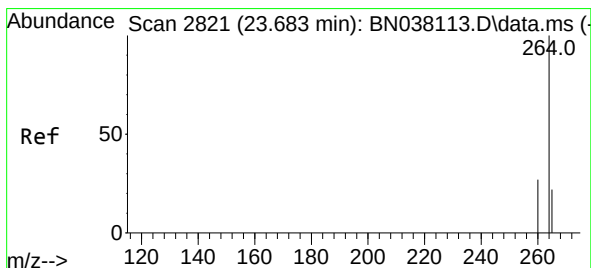
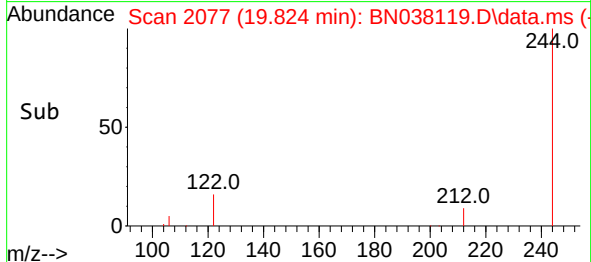
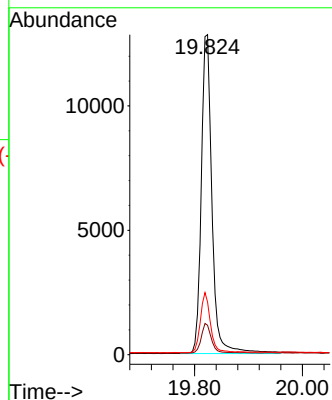
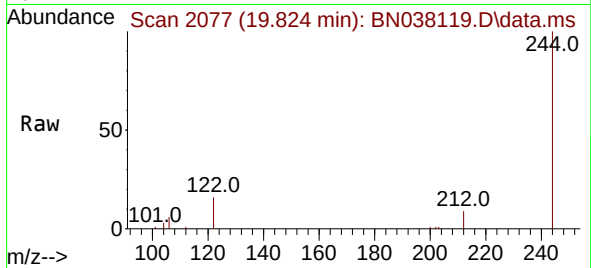




#31
Terphenyl-d14
Concen: 0.489 ng
RT: 19.824 min Scan# 2076
Delta R.T. 0.005 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Instrument :
BNA_N
ClientSampleId :
PB170167BL

Tgt Ion:244 Resp: 17649
Ion Ratio Lower Upper
244 100
212 9.2 7.8 11.6
122 16.4 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: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion:264 Resp: 13853
Ion Ratio Lower Upper
264 100
260 27.4 21.8 32.8
265 100.8 68.6 102.8

