

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038381.D
 Acq On : 13 Dec 2025 11:39
 Operator : RC/JU
 Sample : PB170919BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170919BL

Quant Time: Dec 14 22:22:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6010	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	15116	0.400	ng	#-0.01
13) Acenaphthene-d10	14.387	164	7257	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	12156	0.400	ng	#-0.01
29) Chrysene-d12	21.339	240	8095	0.400	ng	0.00
35) Perylene-d12	23.621	264	8951	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2277376	152.152	ng	0.00
5) Phenol-d6	6.886	99	2755181	154.841	ng	0.00
8) Nitrobenzene-d5	8.864	82	1304498	102.312	ng	-0.01
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.882	330	690349	214.422	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	3453600	98.784	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.782	244	1898921	105.114	ng	0.00

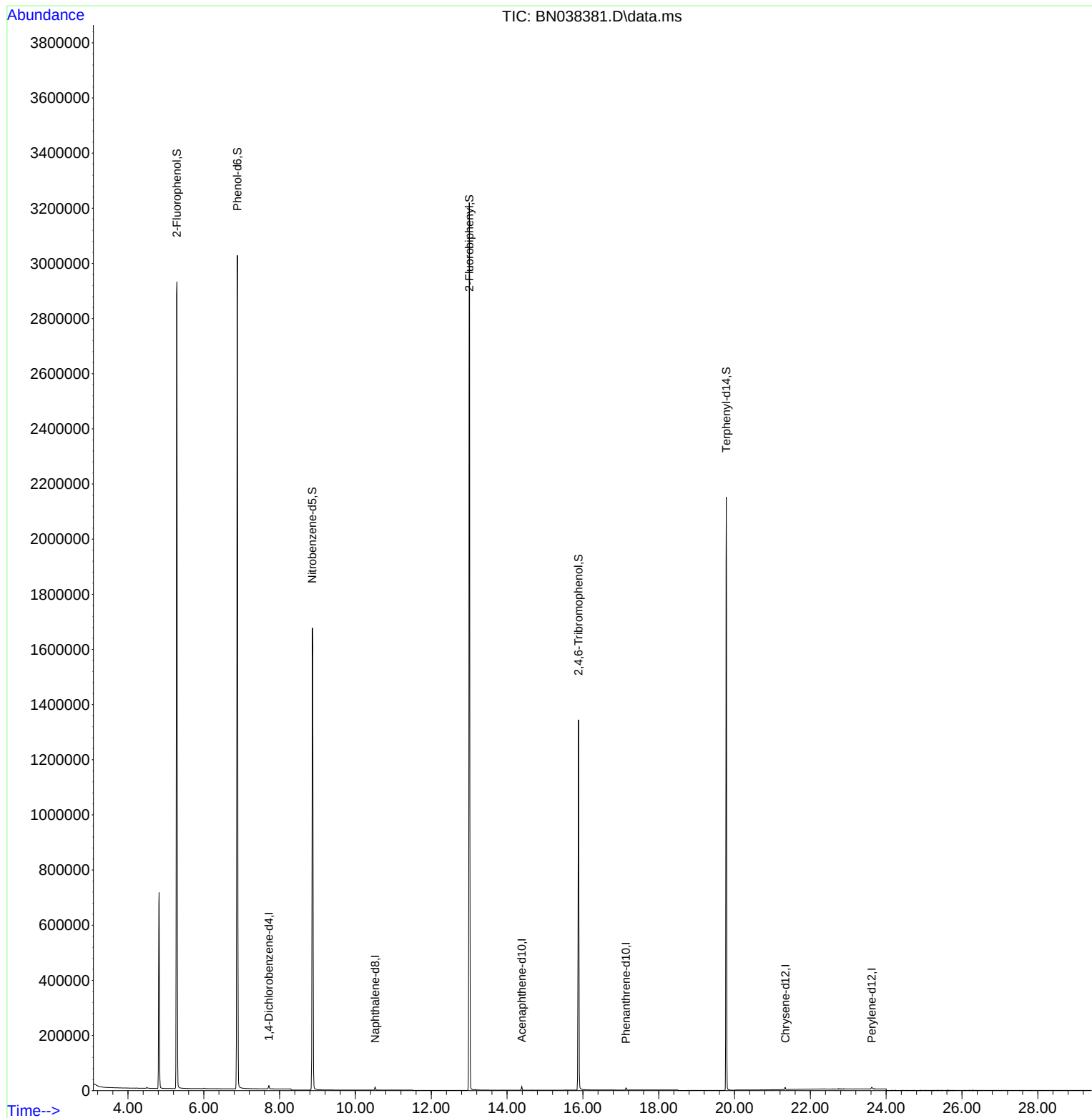
Target Compounds	Qvalue
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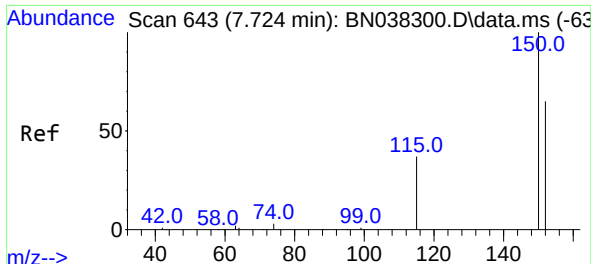
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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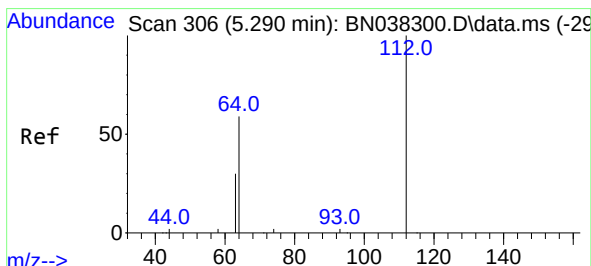
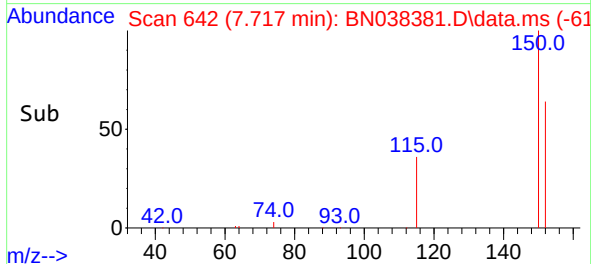
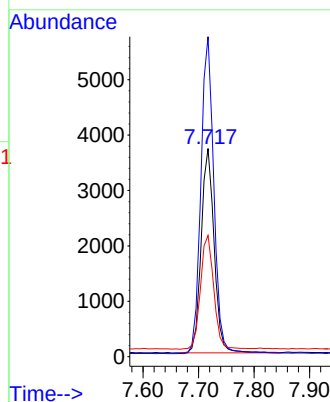
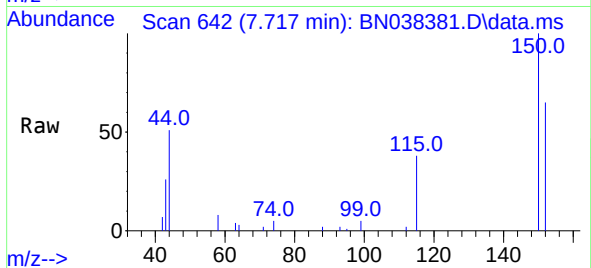




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038381.D
Acq: 13 Dec 2025 11:39

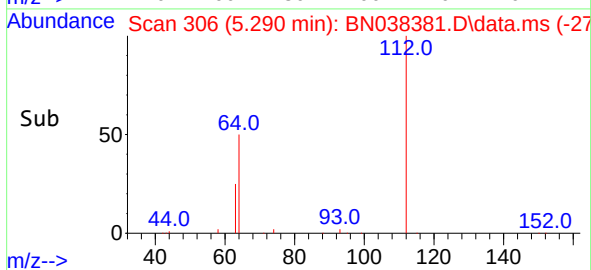
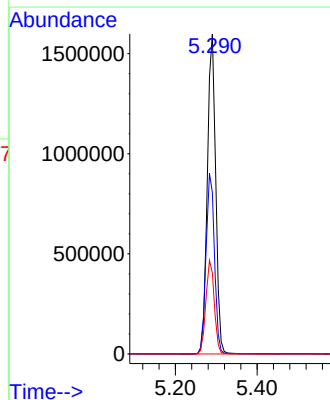
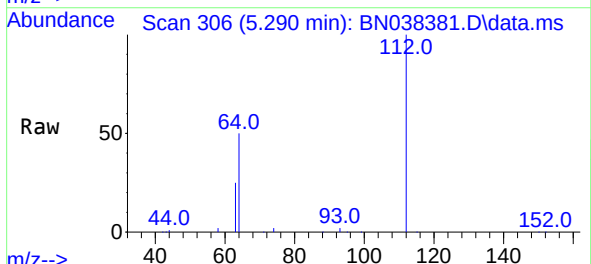
Instrument :
BNA_N
ClientSampleId :
PB170919BL

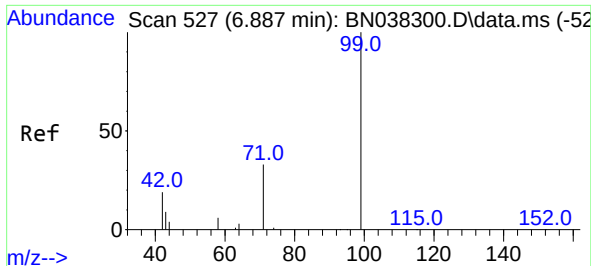
Tgt Ion:152 Resp: 6010
Ion Ratio Lower Upper
152 100
150 153.8 122.4 183.6
115 58.3 47.3 70.9



#4
2-Fluorophenol
Concen: 152.152 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN038381.D
Acq: 13 Dec 2025 11:39

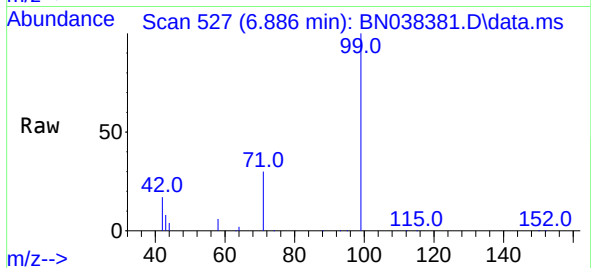
Tgt Ion:112 Resp: 2277376
Ion Ratio Lower Upper
112 100
64 57.3 44.4 66.6
63 29.5 23.4 35.0





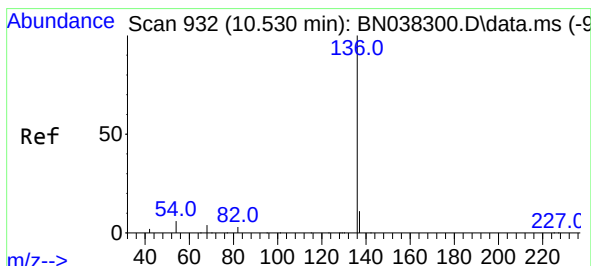
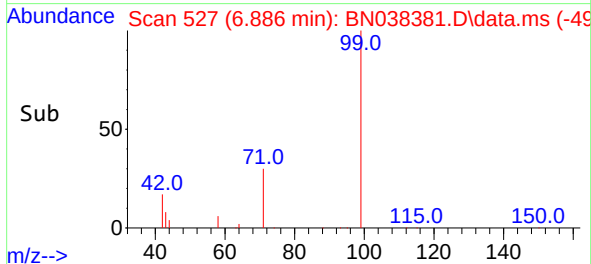
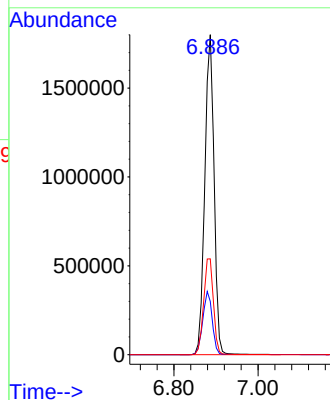
#5
Phenol-d6
Concen: 154.841 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN038381.D
Acq: 13 Dec 2025 11:39

Instrument :
BNA_N
ClientSampleId :
PB170919BL



Tgt Ion: 99 Resp: 2755181

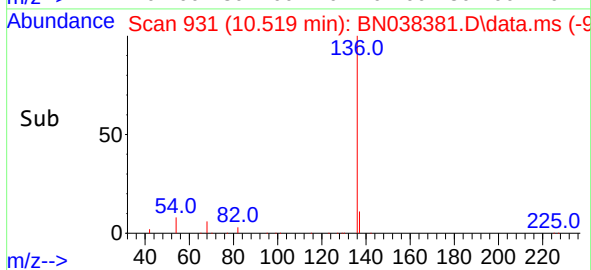
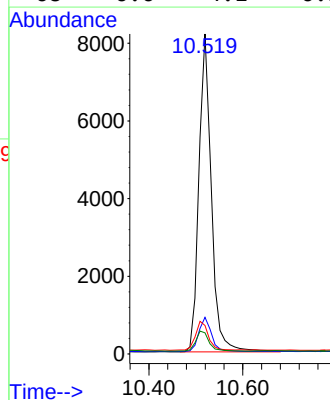
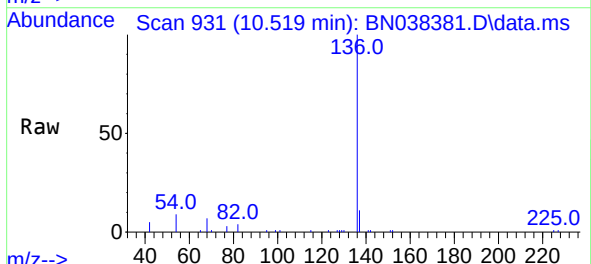
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.5	24.7
71	31.7	24.9	37.3

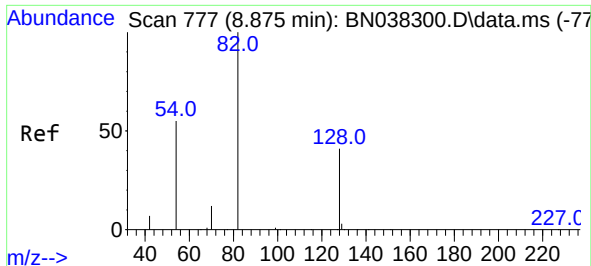


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038381.D
Acq: 13 Dec 2025 11:39

Tgt Ion: 136 Resp: 15116

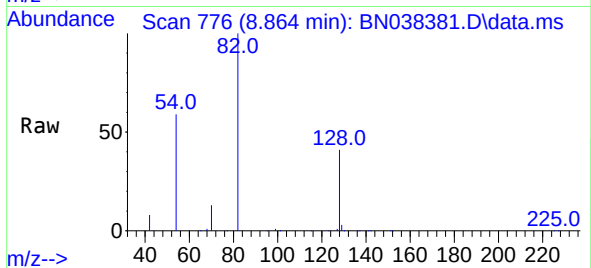
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.9	5.2	7.8#
68	6.6	4.1	6.1#



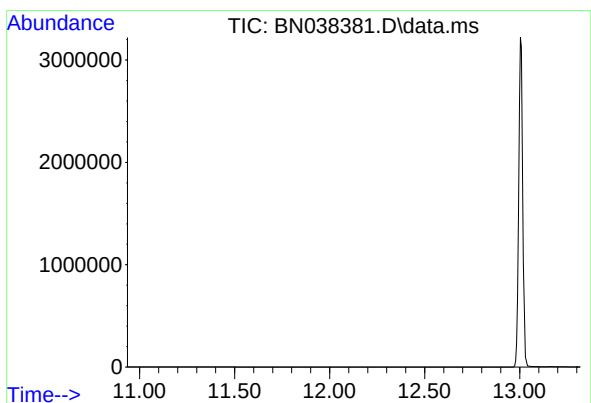
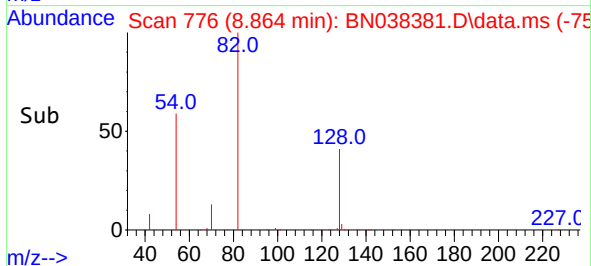
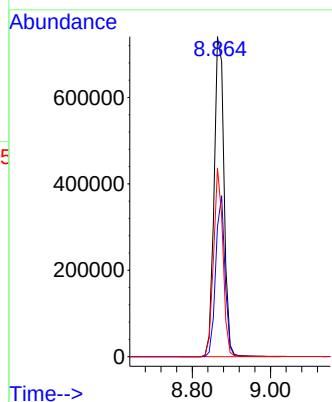


#8
Nitrobenzene-d5
Concen: 102.312 ng
RT: 8.864 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN038381.D
Acq: 13 Dec 2025 11:39

Instrument :
BNA_N
ClientSampleId :
PB170919BL



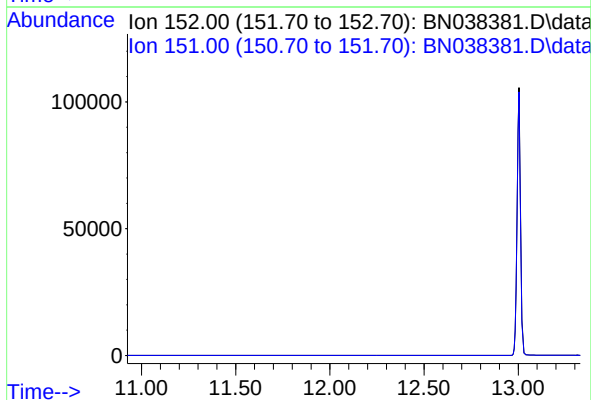
Tgt Ion: 82 Resp: 1304498
Ion Ratio Lower Upper
82 100
128 40.6 34.0 51.0
54 58.8 44.4 66.6

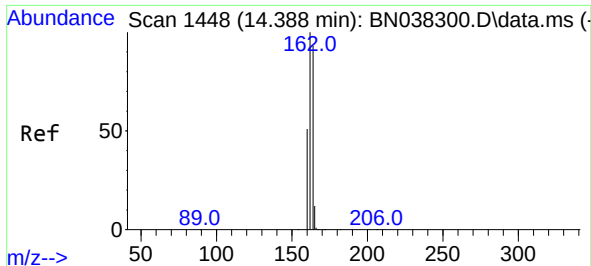


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
Expected RT: 12.13 min

Lab File: BN038381.D
Acq: 13 Dec 2025 11:39

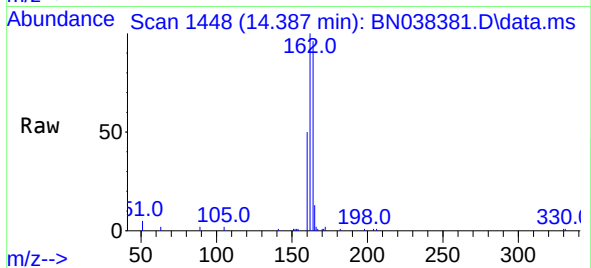
Tgt Ion: 152
Sig Exp Ratio
152 100
151 21.3



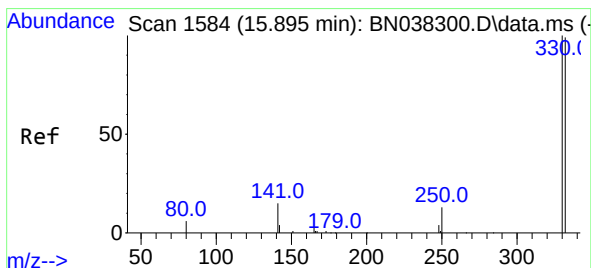
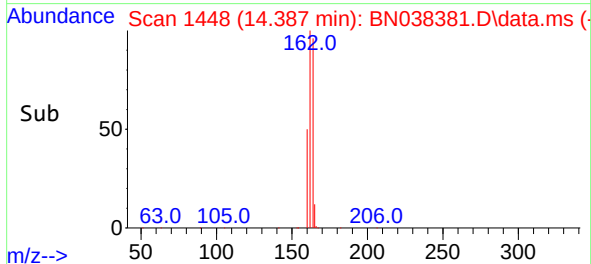
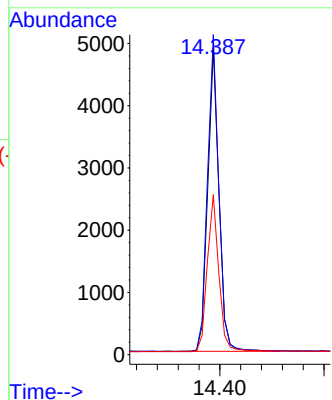


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038381.D
Acq: 13 Dec 2025 11:39

Instrument :
BNA_N
ClientSampleId :
PB170919BL

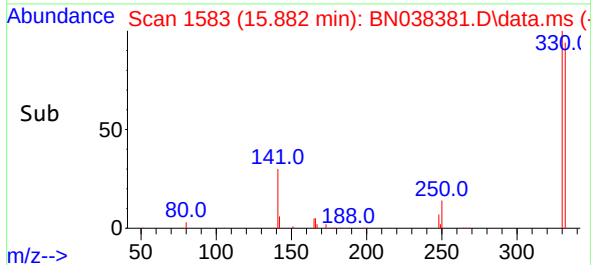
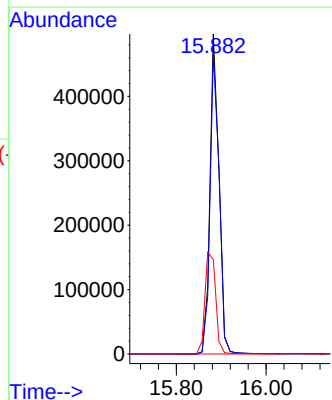
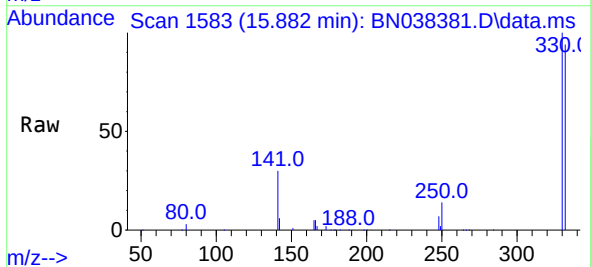


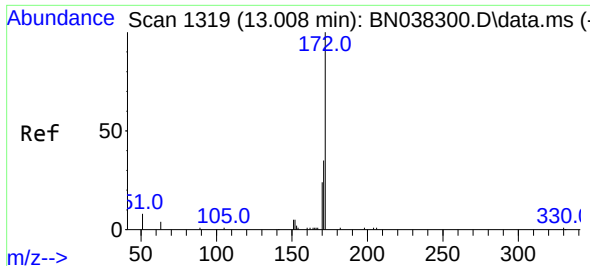
Tgt Ion:164 Resp: 7257
Ion Ratio Lower Upper
164 100
162 104.3 86.2 129.4
160 52.1 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 214.422 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038381.D
Acq: 13 Dec 2025 11:39

Tgt Ion:330 Resp: 690349
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 37.7 31.8 47.8

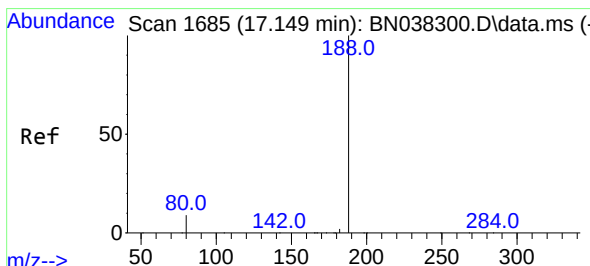
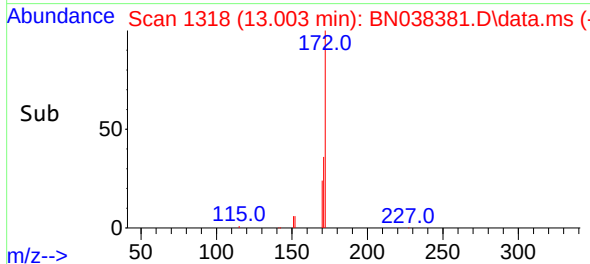
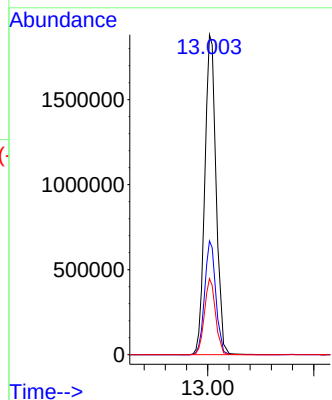
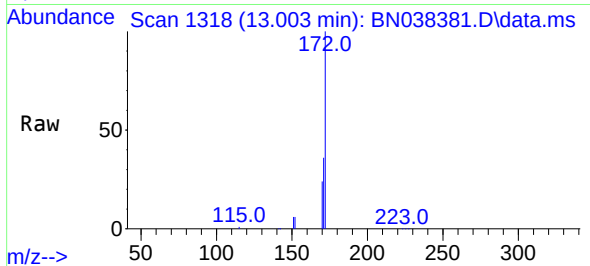




#15
2-Fluorobiphenyl
Concen: 98.784 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038381.D
Acq: 13 Dec 2025 11:39

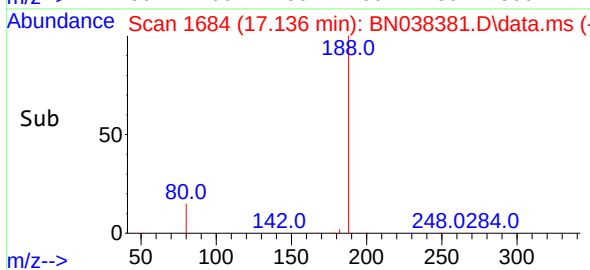
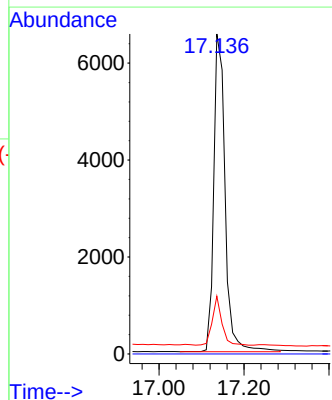
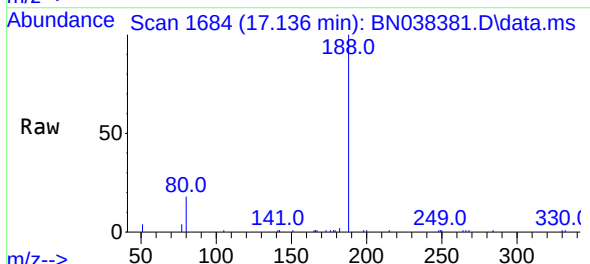
Instrument :
BNA_N
ClientSampleId :
PB170919BL

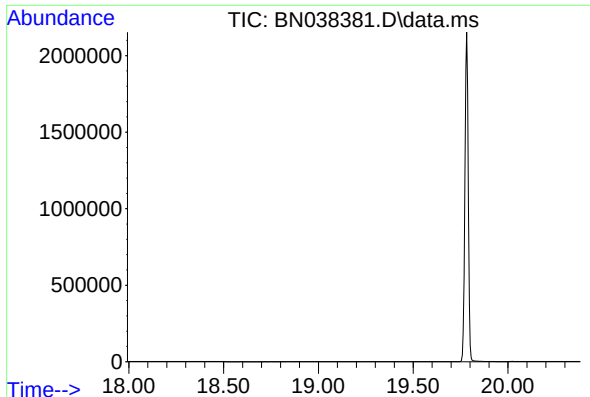
Tgt Ion:172 Resp: 3453600
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.8 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.013 min
Lab File: BN038381.D
Acq: 13 Dec 2025 11:39

Tgt Ion:188 Resp: 12156
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.1 7.4 11.0#

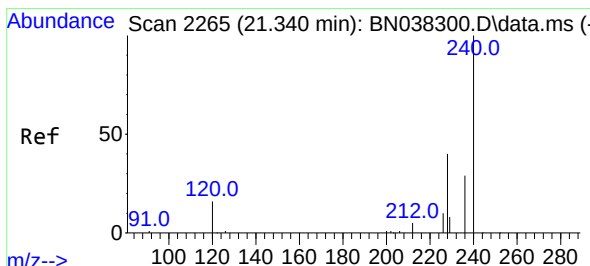
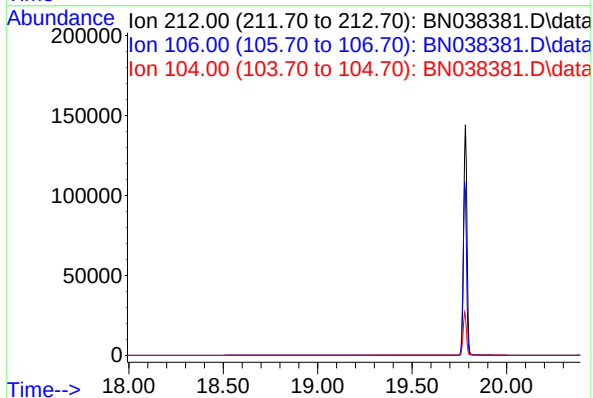




#27
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 19.19 min
 Lab File: BN038381.D
 Acq: 13 Dec 2025 11:39

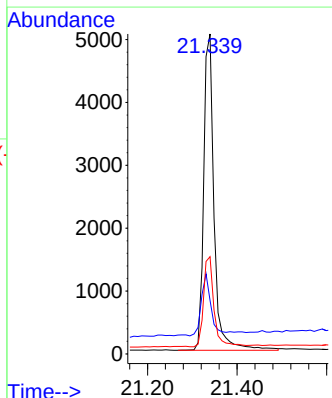
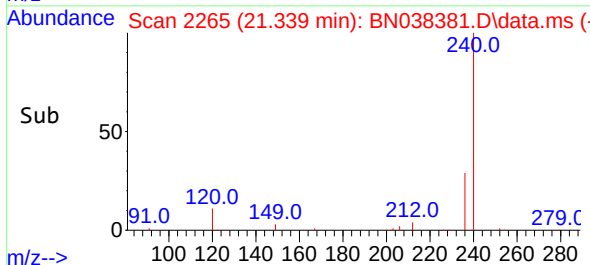
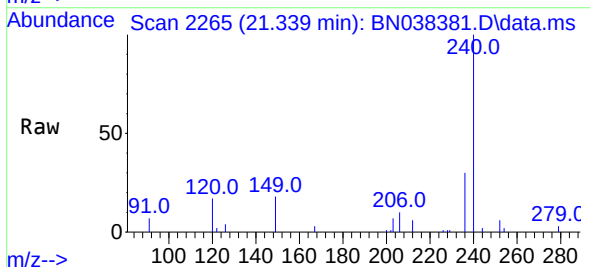
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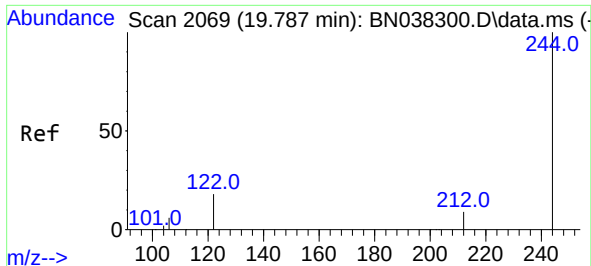
Tgt Ion: 212
 Sig Exp Ratio
 212 100
 106 17.1
 104 9.8



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.339 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: BN038381.D
 Acq: 13 Dec 2025 11:39

Tgt Ion: 240 Resp: 8095
 Ion Ratio Lower Upper
 240 100
 120 16.7 15.4 23.2
 236 30.4 23.9 35.9

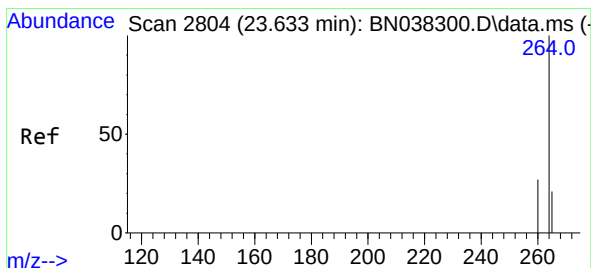
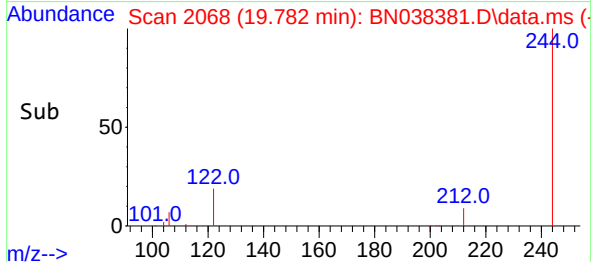
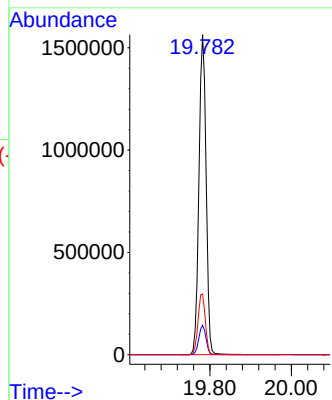
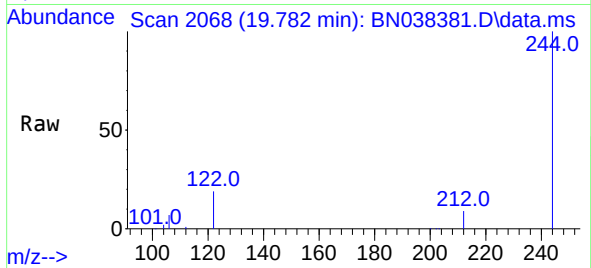




#31
 Terphenyl-d14
 Concen: 105.114 ng
 RT: 19.782 min Scan# 2068
 Delta R.T. -0.009 min
 Lab File: BN038381.D
 Acq: 13 Dec 2025 11:39

Instrument :
 BNA_N
 ClientSampleId :
 PB170919BL

Tgt Ion:244 Resp: 1898921
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.9 11.9
 122 18.9 15.0 22.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.621 min Scan# 2800
 Delta R.T. -0.012 min
 Lab File: BN038381.D
 Acq: 13 Dec 2025 11:39

Tgt Ion:264 Resp: 8951
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.2 33.2
 265 119.2 80.2 120.2

