

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
 Data File : BN038180.D
 Acq On : 10 Nov 2025 13:52
 Operator : RC/JU
 Sample : Q3552-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-8DL

Quant Time: Nov 10 14:16:39 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)

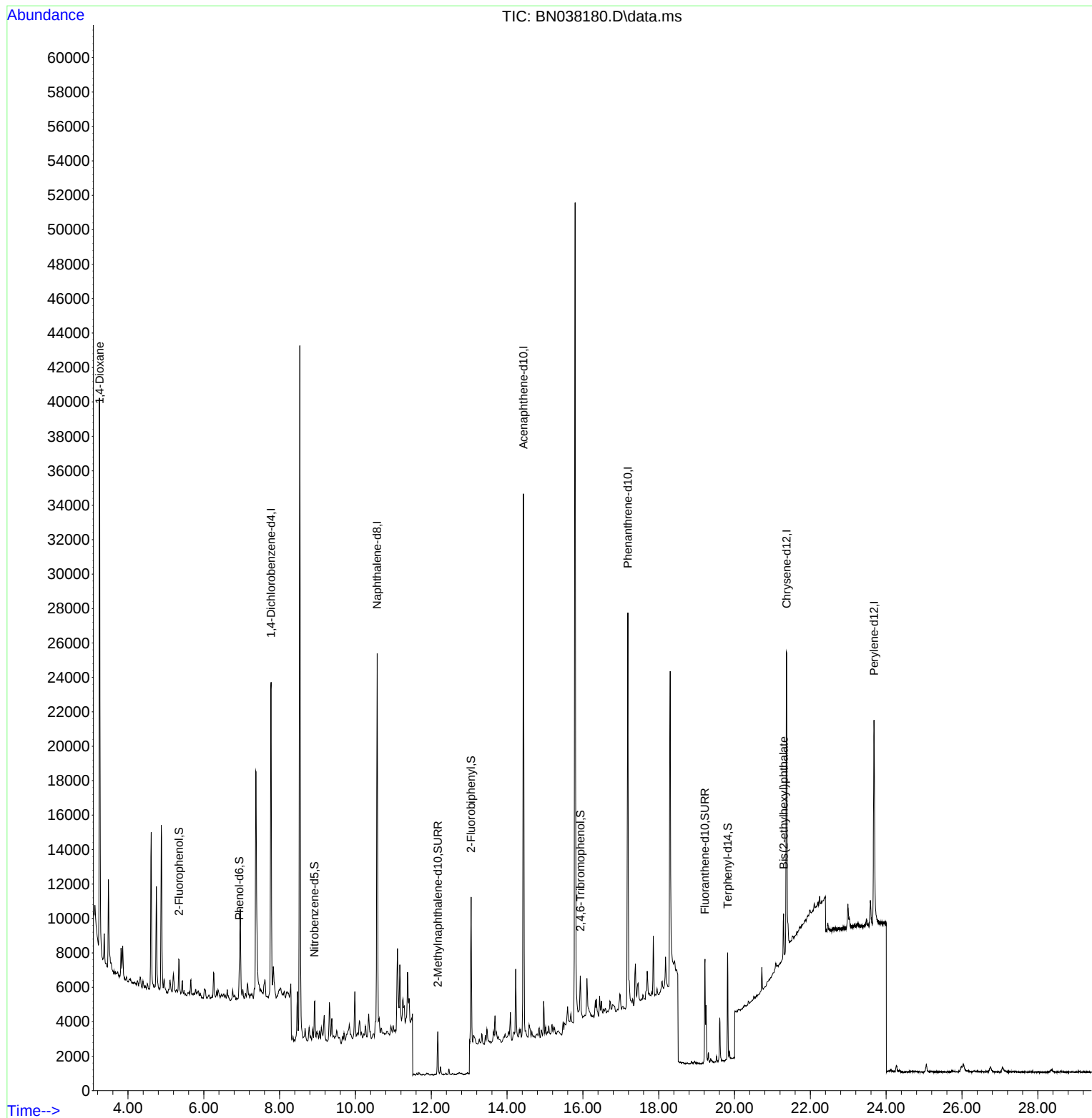
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8860	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29425	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	18072	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	31918	0.400	ng	0.00
29) Chrysene-d12	21.376	240	18273	0.400	ng	0.00
35) Perylene-d12	23.680	264	17133	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1277	0.061	ng	0.00
5) Phenol-d6	6.937	99	1293	0.051	ng	0.00
8) Nitrobenzene-d5	8.918	82	2188	0.092	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	3548	0.084	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	815	0.109	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	7368	0.102	ng	0.00
27) Fluoranthene-d10	19.220	212	6848	0.085	ng	0.00
31) Terphenyl-d14	19.819	244	6164	0.155	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	20513	2.241	ng	98
34) Bis(2-ethylhexyl)phtha...	21.295	149	2745	0.080	ng	99

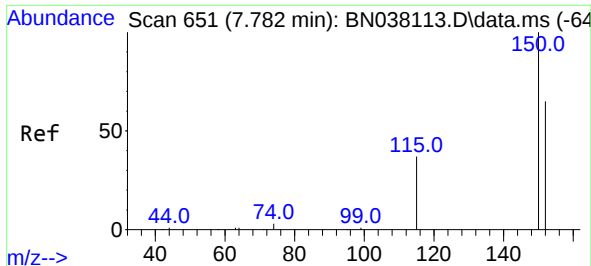
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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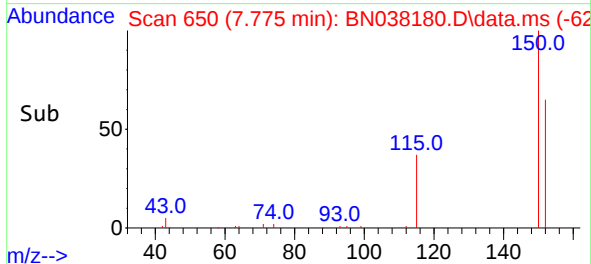
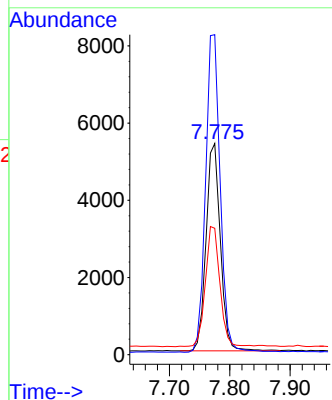
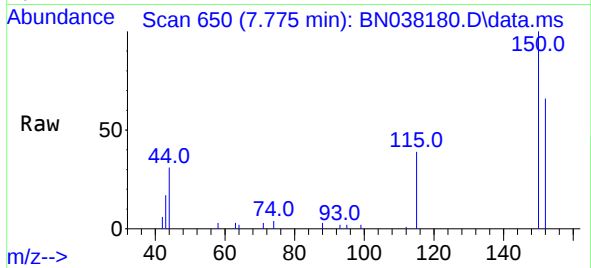




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN038180.D
 Acq: 10 Nov 2025 13:52

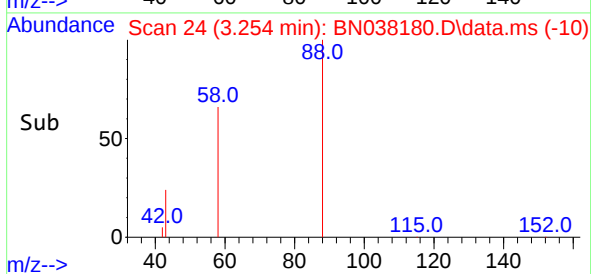
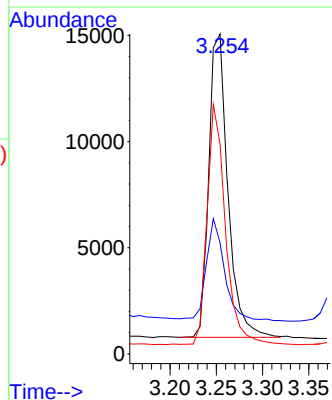
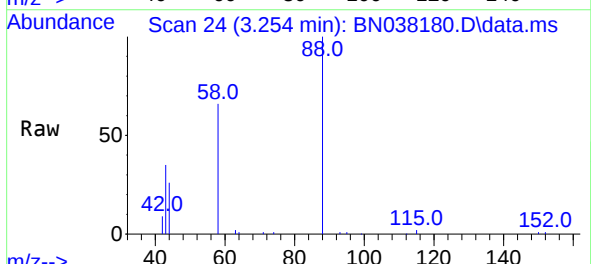
Instrument :
 BNA_N
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 MW-8DL

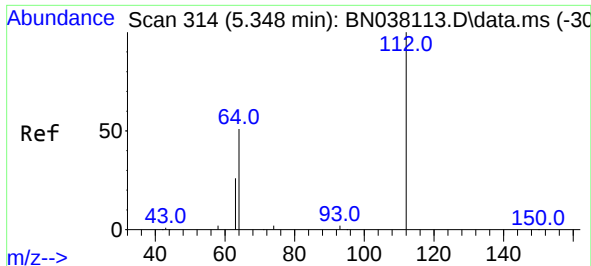
Tgt Ion:152 Resp: 8860
 Ion Ratio Lower Upper
 152 100
 150 151.5 122.3 183.5
 115 59.8 47.4 71.0



#2
 1,4-Dioxane
 Concen: 2.241 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038180.D
 Acq: 10 Nov 2025 13:52

Tgt Ion: 88 Resp: 20513
 Ion Ratio Lower Upper
 88 100
 43 33.0 24.3 36.5
 58 75.9 60.4 90.6

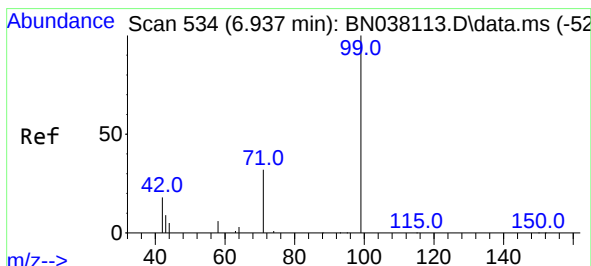
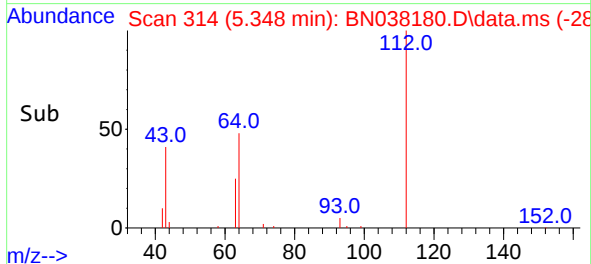
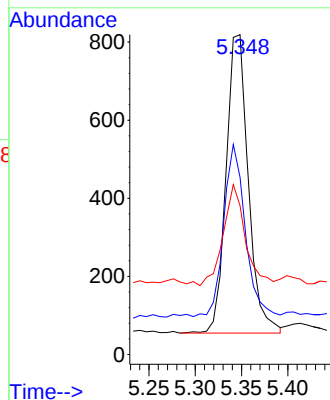
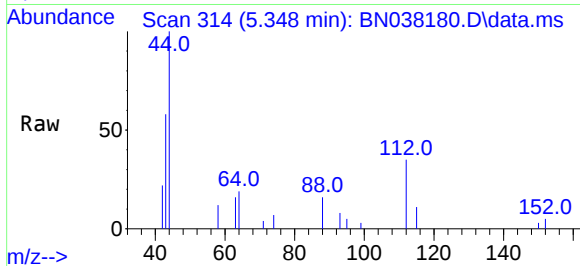




#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

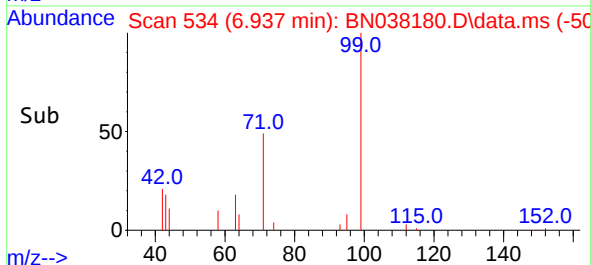
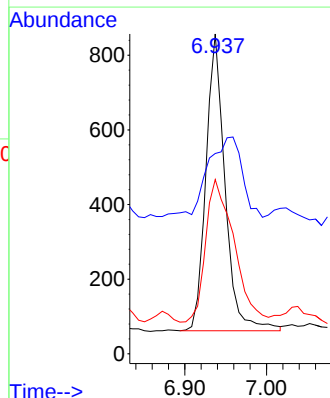
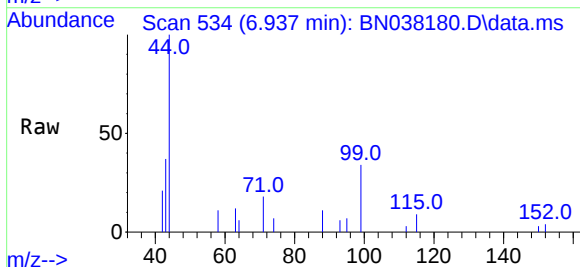
Instrument :
BNA_N
ClientSampleId :
MW-8DL

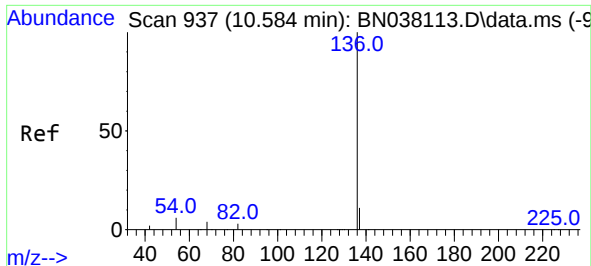
Tgt Ion:112 Resp: 1277
Ion Ratio Lower Upper
112 100
64 55.8 45.4 68.0
63 33.5 23.2 34.8



#5
Phenol-d6
Concen: 0.051 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion: 99 Resp: 1293
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 73.0 25.4 38.2#

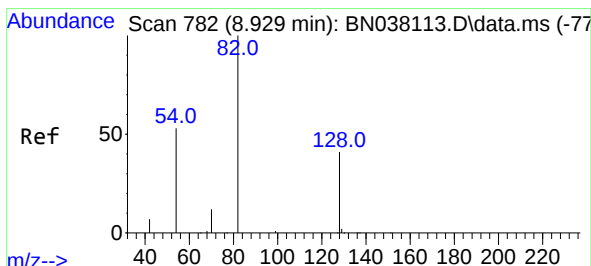
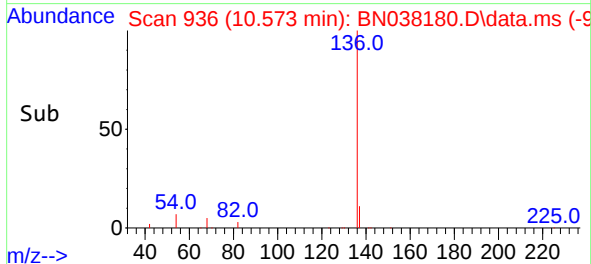
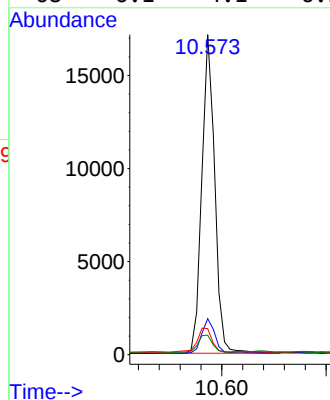
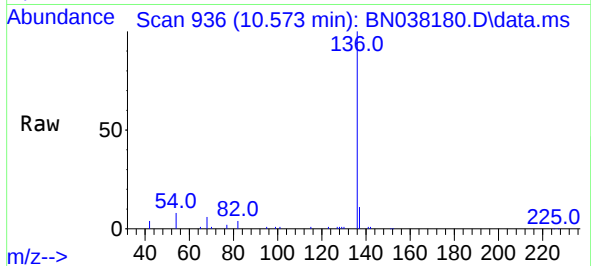




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

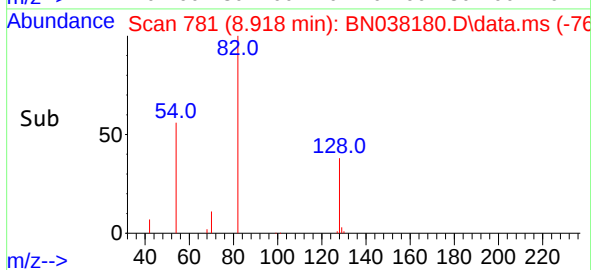
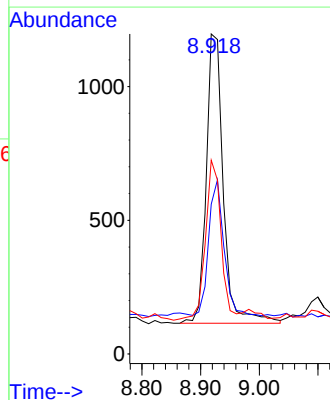
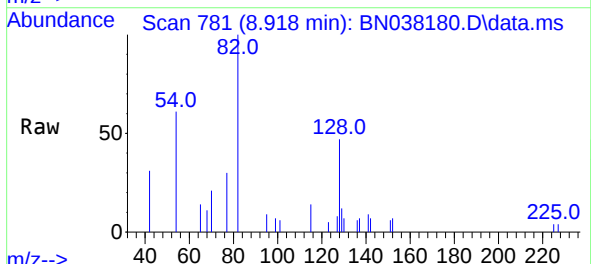
Instrument :
BNA_N
ClientSampleId :
MW-8DL

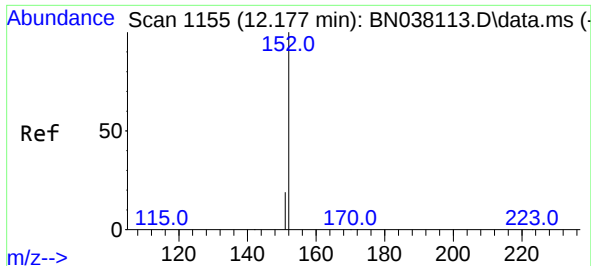
Tgt Ion:	136	Resp:	29425
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	8.1	5.2	7.8#
68	6.1	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.092 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:	82	Resp:	2188
Ion Ratio	Lower	Upper	
82	100		
128	46.8	34.1	51.1
54	60.6	43.5	65.3

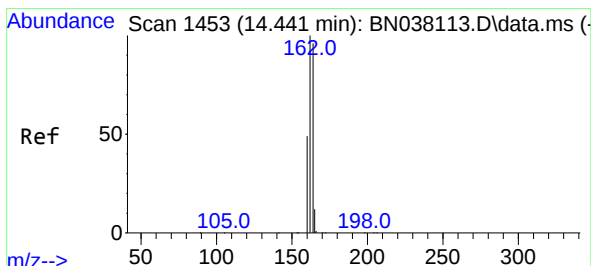
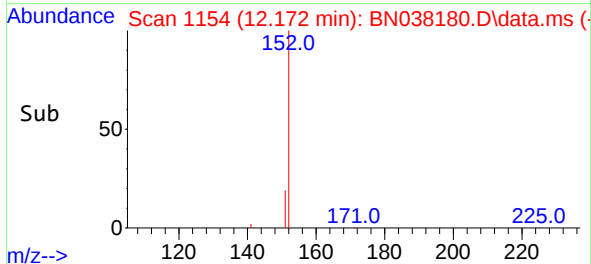
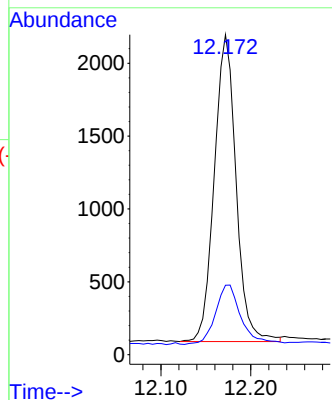
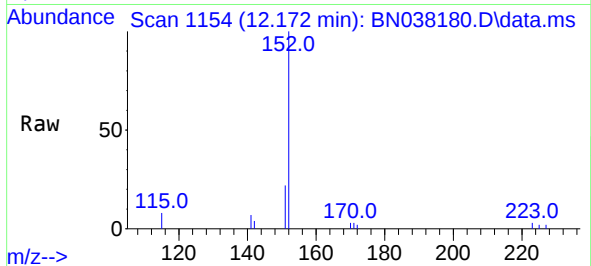




#11
2-Methylnaphthalene-d10
Concen: 0.084 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

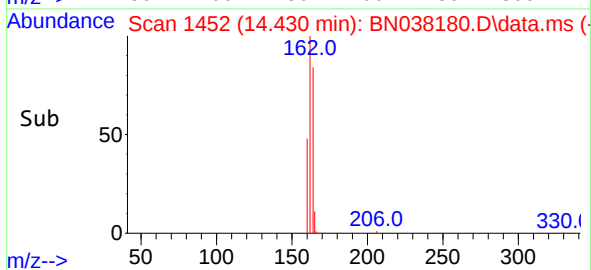
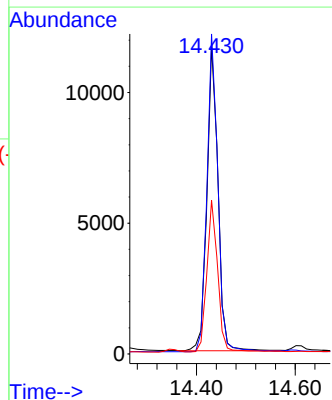
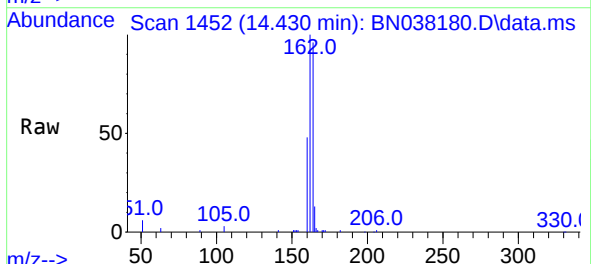
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ClientSampleId :
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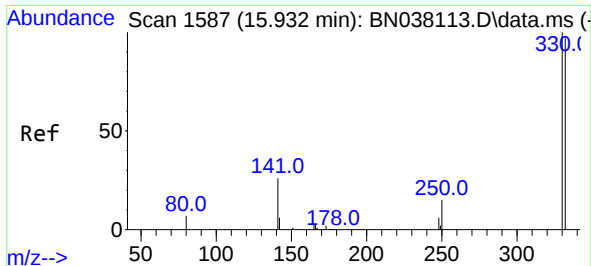
Tgt Ion:152 Resp: 3548
Ion Ratio Lower Upper
152 100
151 23.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:164 Resp: 18072
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.4
160 50.0 40.7 61.1

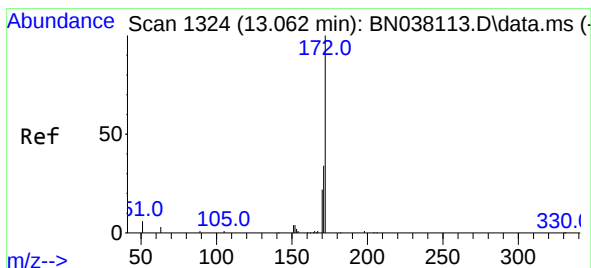
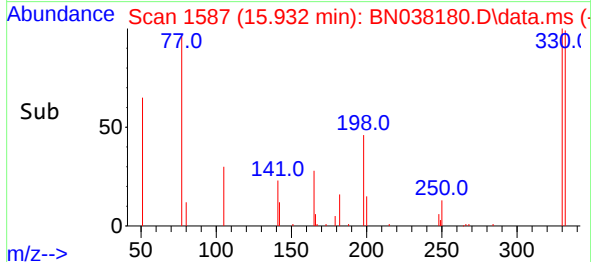
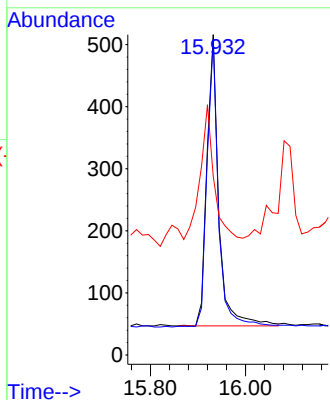
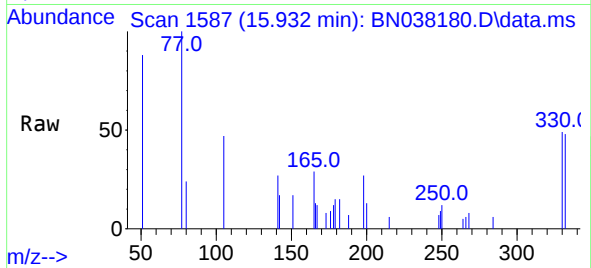




#14
2,4,6-Tribromophenol
Concen: 0.109 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

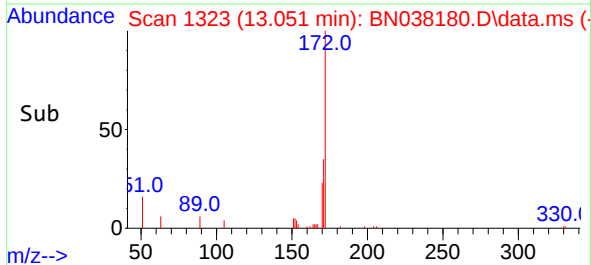
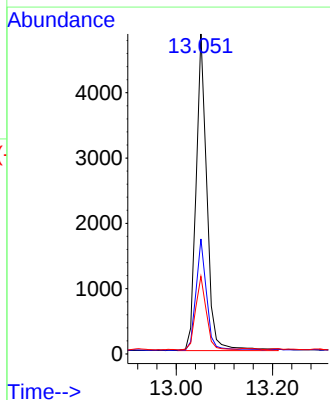
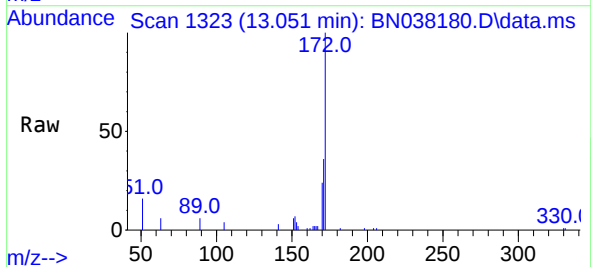
Instrument :
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ClientSampleId :
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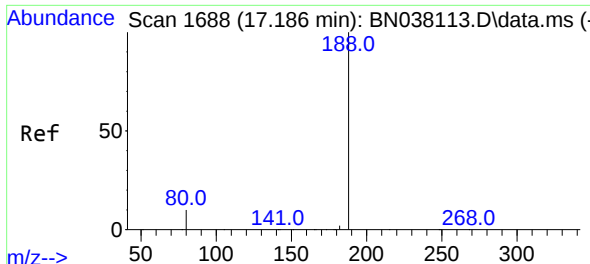
Tgt Ion:330 Resp: 815
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 55.7 34.1 51.1#



#15
2-Fluorobiphenyl
Concen: 0.102 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:172 Resp: 7368
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 24.2 18.1 27.1

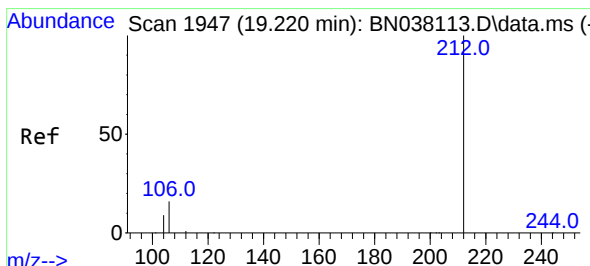
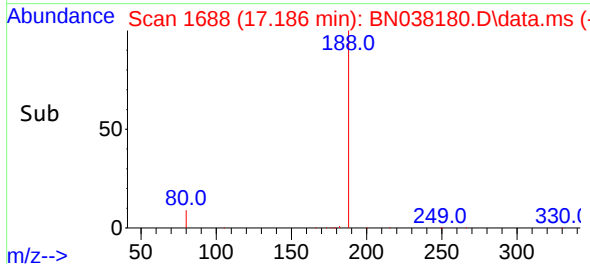
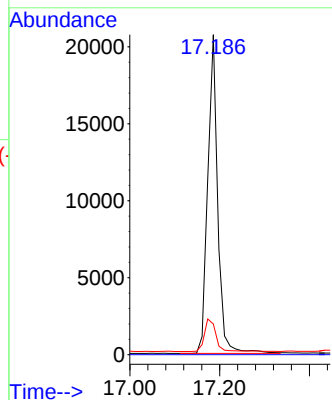
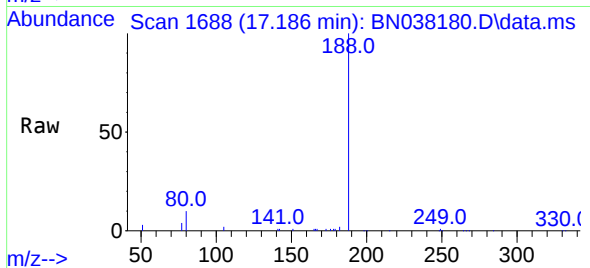




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

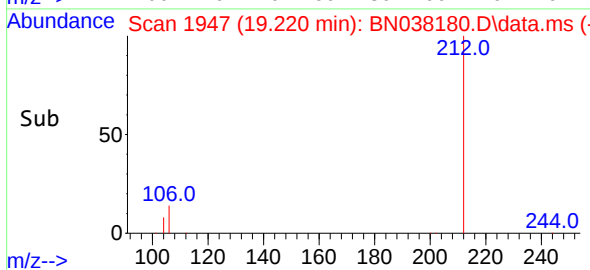
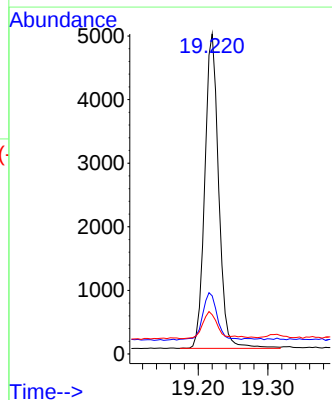
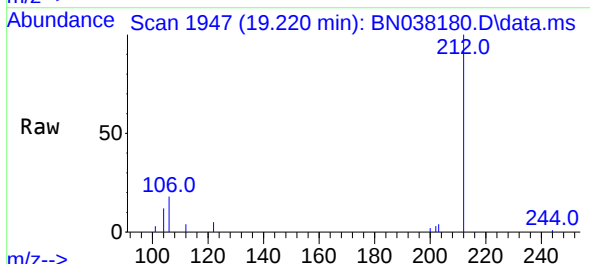
Instrument :
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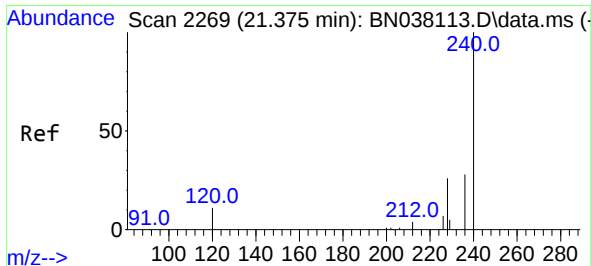
Tgt Ion:188	Resp:	31918
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.6	13.0



#27
Fluoranthene-d10
Concen: 0.085 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:212	Resp:	6848
Ion Ratio	Lower	Upper
212	100	
106	15.7	12.6
104	9.5	7.1

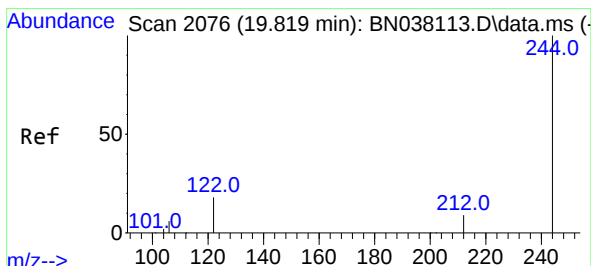
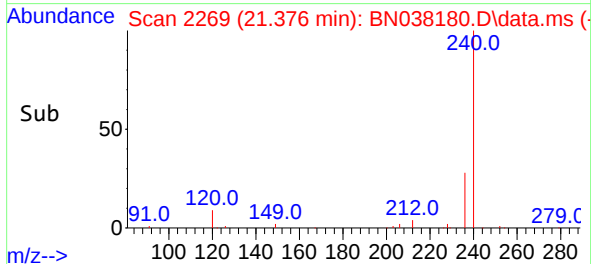
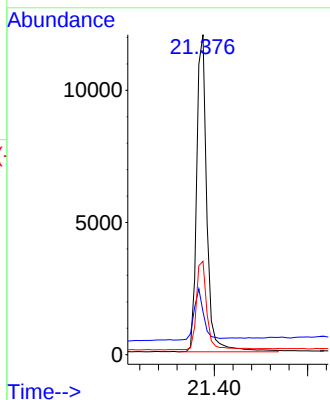
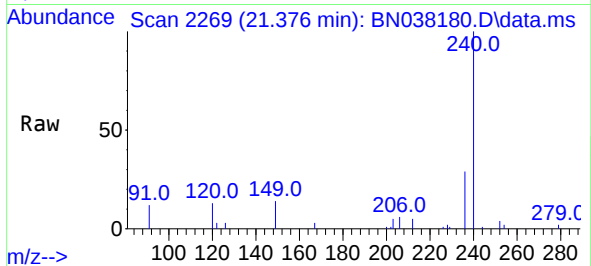




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

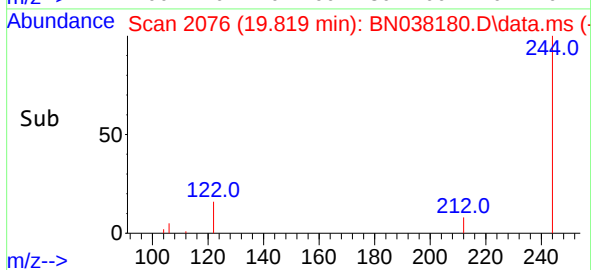
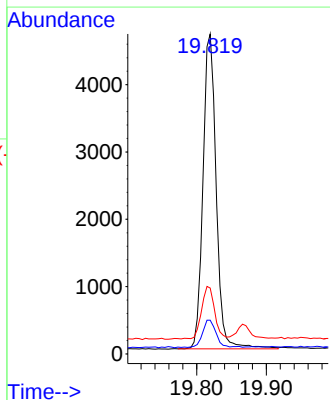
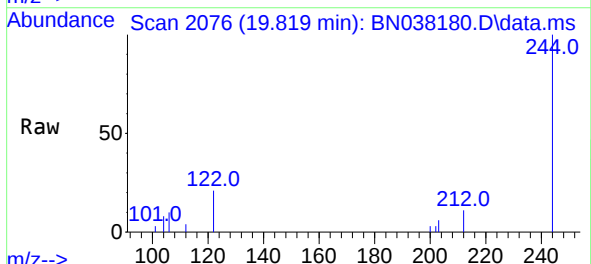
Instrument :
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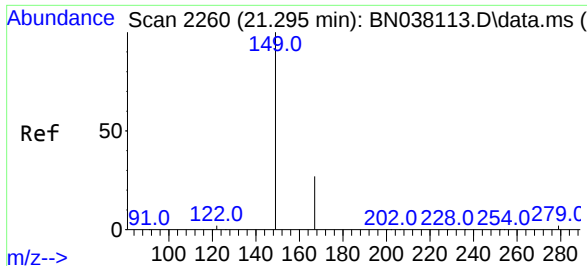
Tgt Ion:240 Resp: 18273
Ion Ratio Lower Upper
240 100
120 13.4 10.7 16.1
236 29.2 23.1 34.7



#31
Terphenyl-d14
Concen: 0.155 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:244 Resp: 6164
Ion Ratio Lower Upper
244 100
212 10.5 7.8 11.6
122 20.6 15.2 22.8

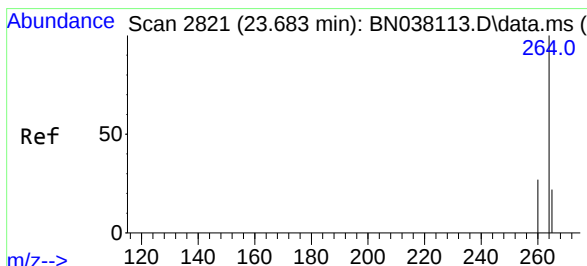
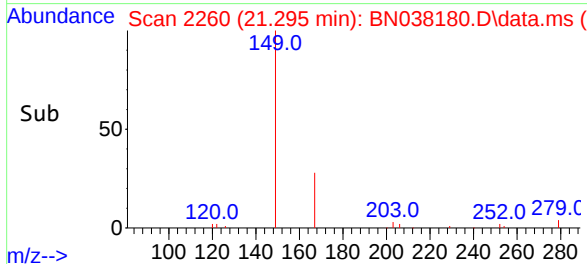
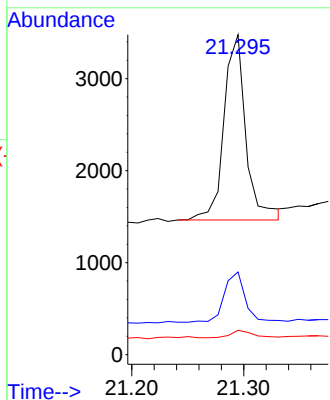
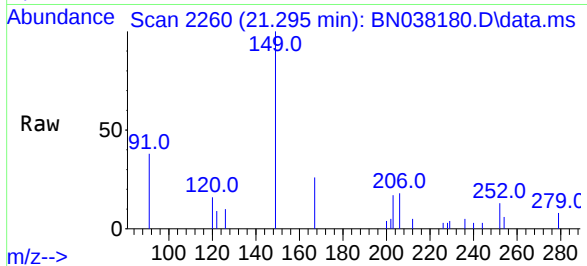




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.295 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN038180.D
 Acq: 10 Nov 2025 13:52

Instrument :
 BNA_N
 ClientSampleId :
 MW-8DL

Tgt Ion:149 Resp: 2745
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.1 31.7
 279 4.1 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.680 min Scan# 2820
 Delta R.T. 0.000 min
 Lab File: BN038180.D
 Acq: 10 Nov 2025 13:52

Tgt Ion:264 Resp: 17133
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.8 32.8
 265 95.3 68.6 102.8

