

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038148.D
 Acq On : 07 Nov 2025 10:15
 Operator : RC/JU
 Sample : PB170427BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170427BL

Quant Time: Nov 07 10:39:14 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	8705	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24360	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	12852	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	24433	0.400	ng	0.00
29) Chrysene-d12	21.375	240	15832	0.400	ng	0.00
35) Perylene-d12	23.683	264	13193	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	7615	0.371	ng	0.00
5) Phenol-d6	6.937	99	8463	0.339	ng	0.00
8) Nitrobenzene-d5	8.929	82	7439	0.378	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	12491	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1411	0.266	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	21152	0.411	ng	0.01
27) Fluoranthene-d10	19.220	212	21944	0.356	ng	0.00
31) Terphenyl-d14	19.819	244	17139	0.498	ng	0.00

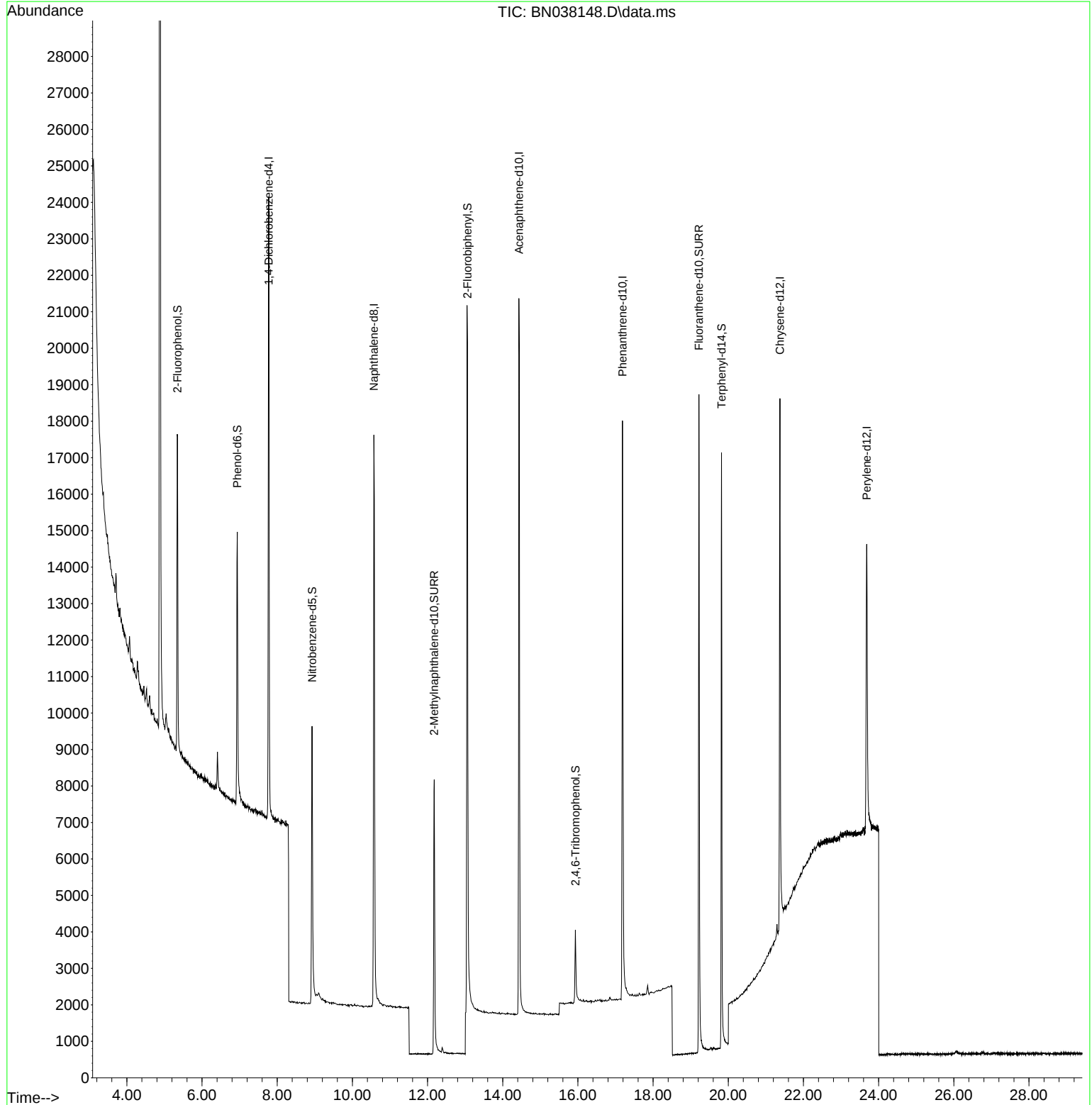
Target Compounds Qvalue

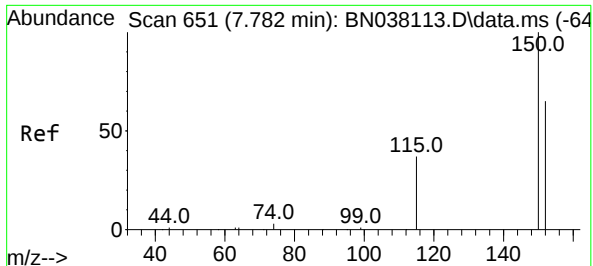
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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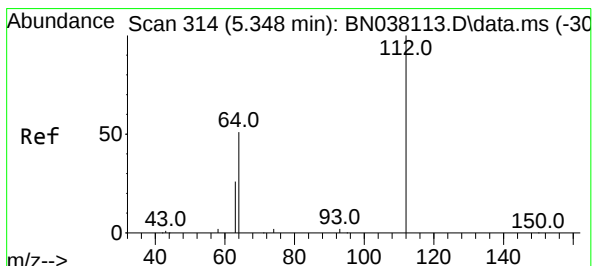
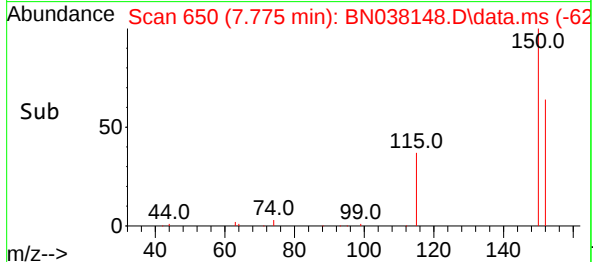
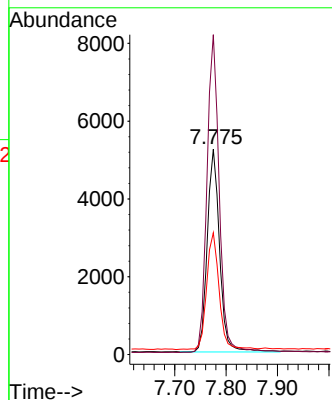
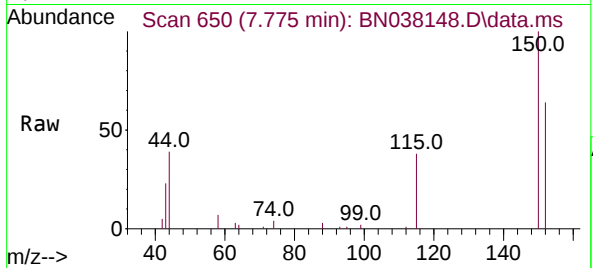




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

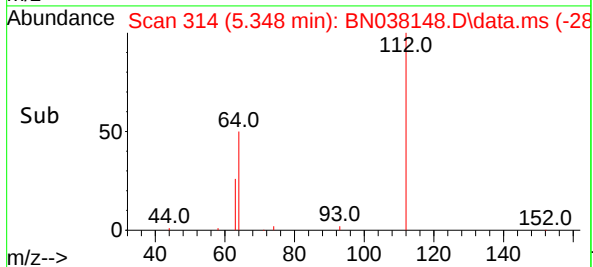
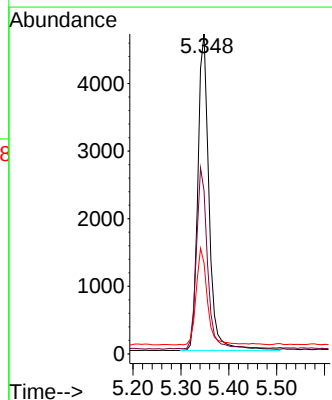
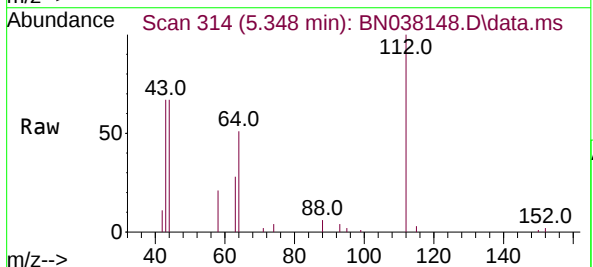
Instrument :
BNA_N
ClientSampleId :
PB170427BL

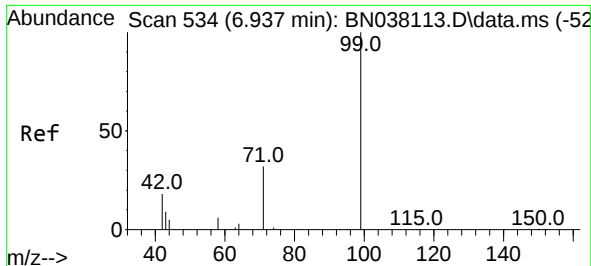
Tgt Ion:152 Resp: 8705
Ion Ratio Lower Upper
152 100
150 155.8 122.3 183.5
115 59.3 47.4 71.0



#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

Tgt Ion:112 Resp: 7615
Ion Ratio Lower Upper
112 100
64 56.2 45.4 68.0
63 30.2 23.2 34.8

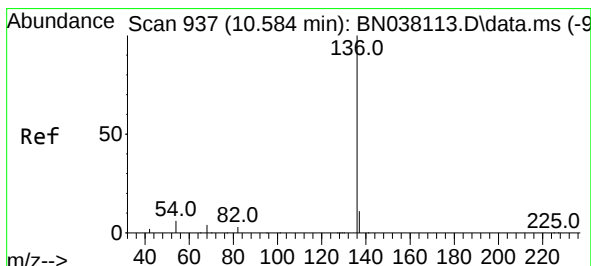
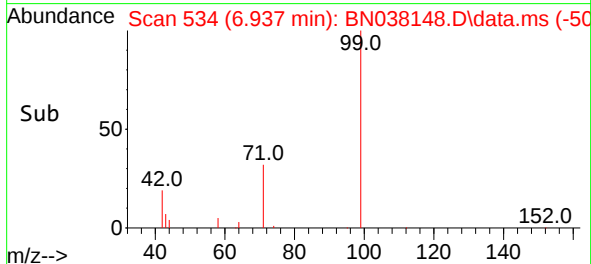
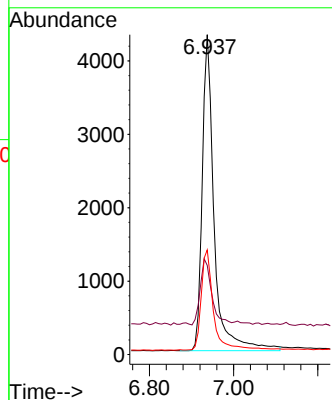
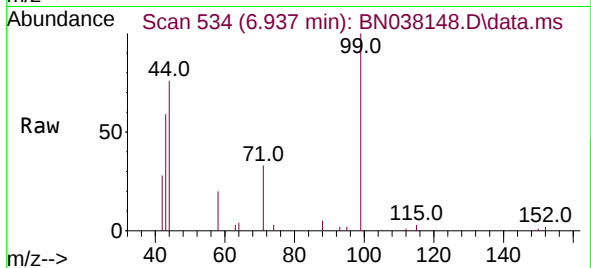




#5
Phenol-d6
Concen: 0.339 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

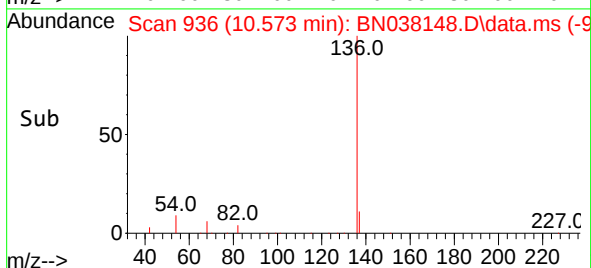
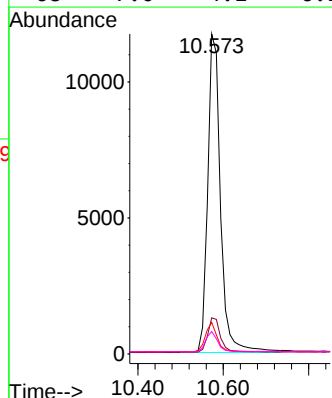
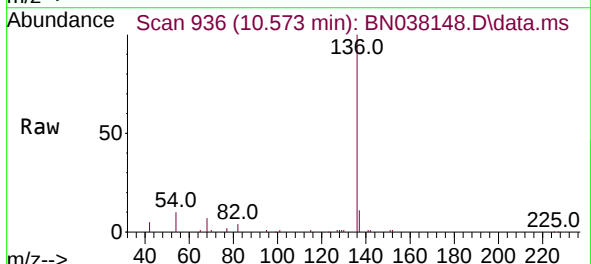
Instrument :
BNA_N
ClientSampleId :
PB170427BL

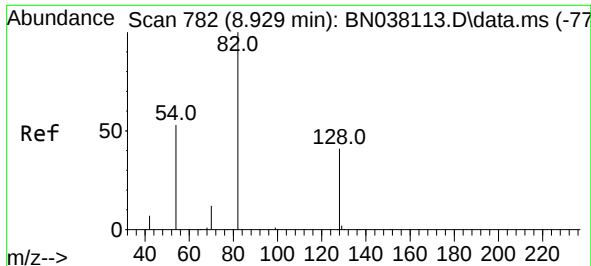
Tgt Ion:	99	Resp:	8463
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.6	24.8
71	32.3	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

Tgt Ion:	136	Resp:	24360
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.8	5.2	7.8#
68	7.0	4.1	6.1#

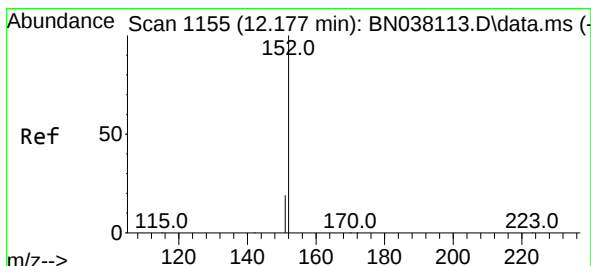
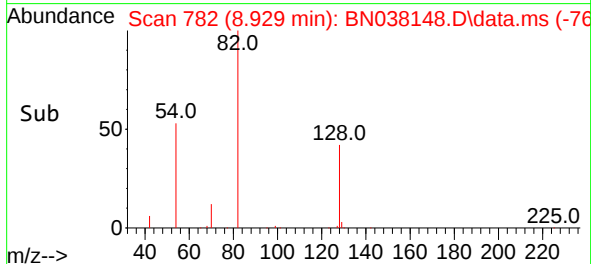
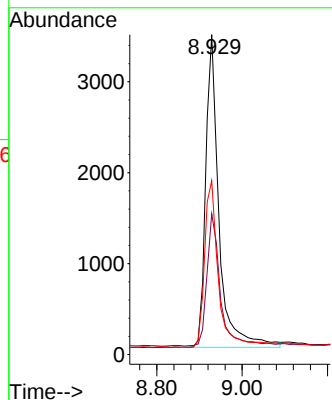
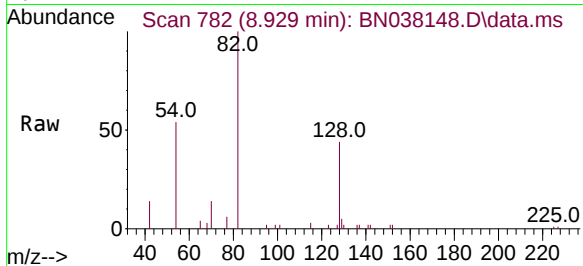




#8
 Nitrobenzene-d5
 Concen: 0.378 ng
 RT: 8.929 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: BN038148.D
 Acq: 07 Nov 2025 10:15

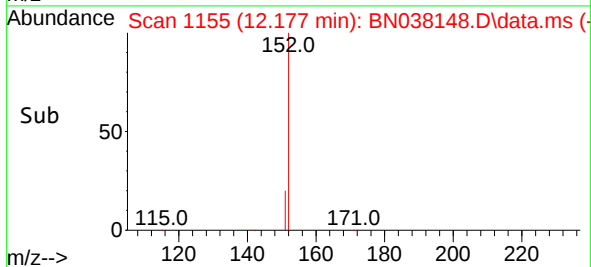
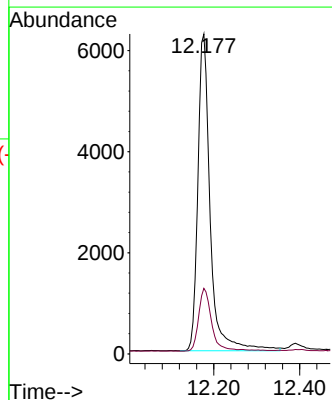
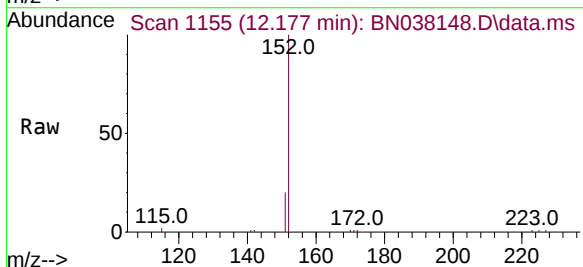
Instrument :
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 ClientSampleId :
 PB170427BL

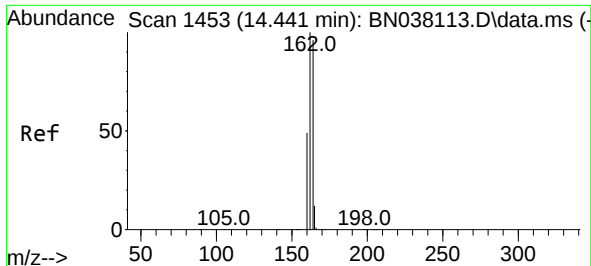
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.1	51.1
54	54.4	43.5	65.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.359 ng
 RT: 12.177 min Scan# 1155
 Delta R.T. -0.000 min
 Lab File: BN038148.D
 Acq: 07 Nov 2025 10:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2

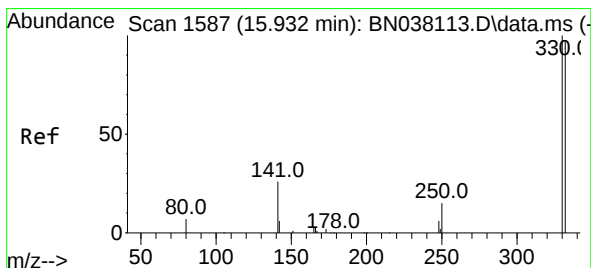
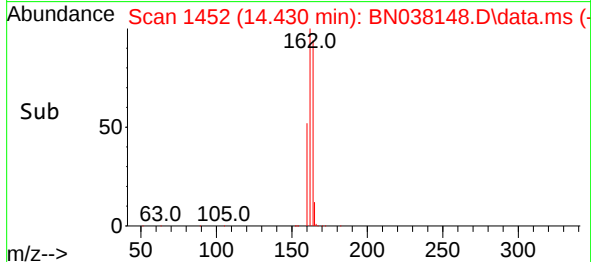
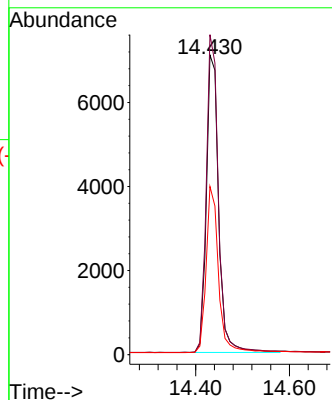
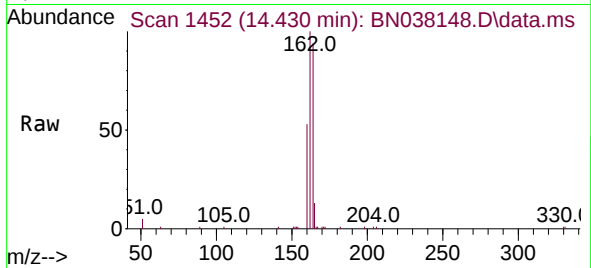




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

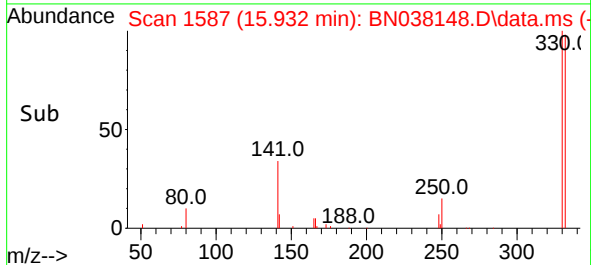
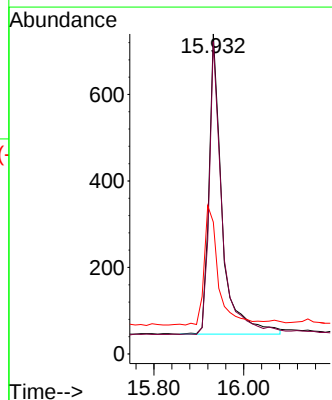
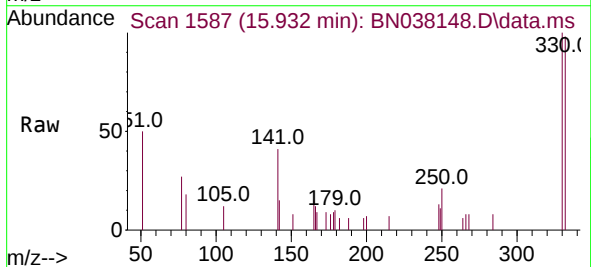
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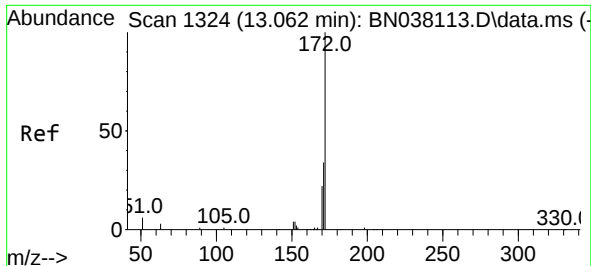
Tgt Ion:164 Resp: 12852
Ion Ratio Lower Upper
164 100
162 106.8 83.0 124.4
160 56.1 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

Tgt Ion:330 Resp: 1411
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 43.2 34.1 51.1

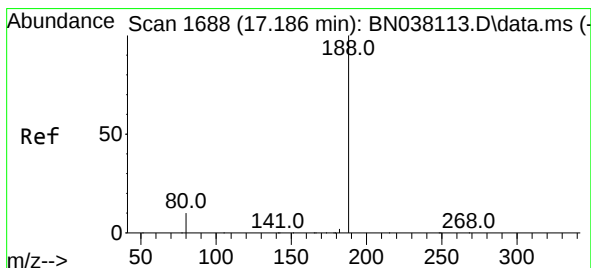
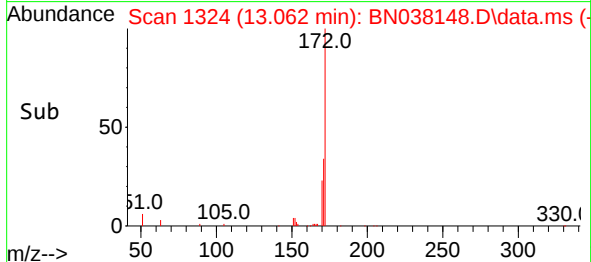
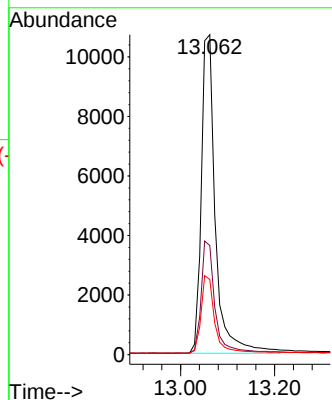
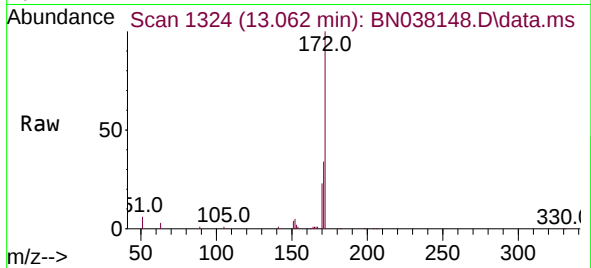




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

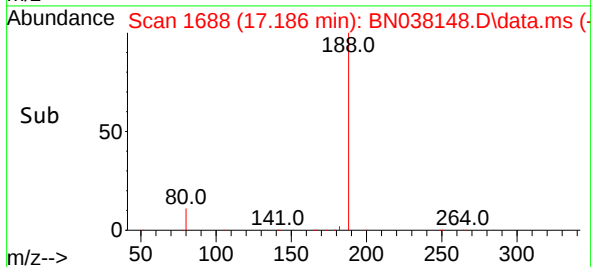
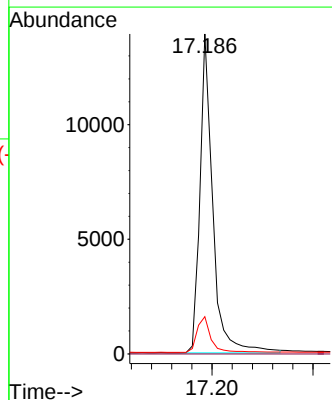
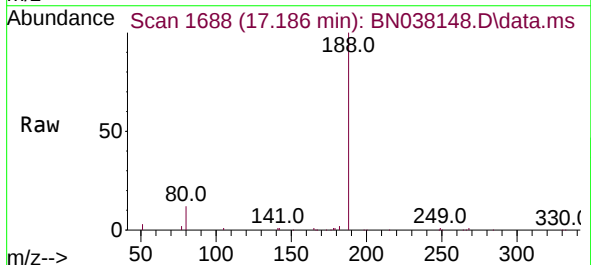
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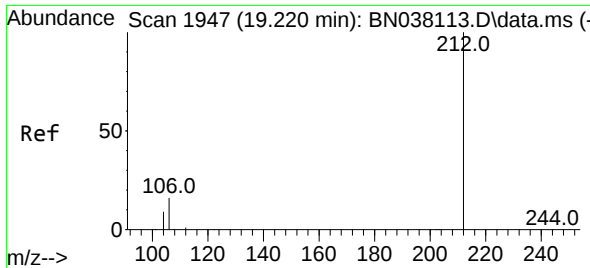
Tgt Ion:172 Resp: 21152
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 23.5 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

Tgt Ion:188 Resp: 24433
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 8.6 13.0

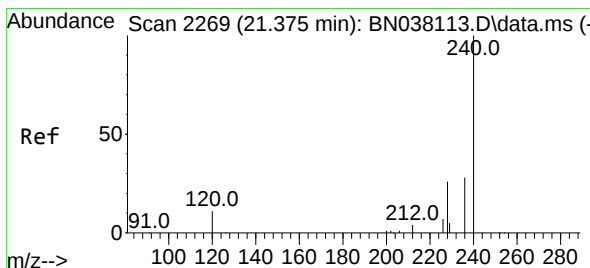
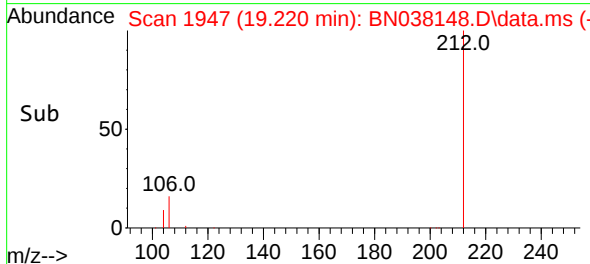
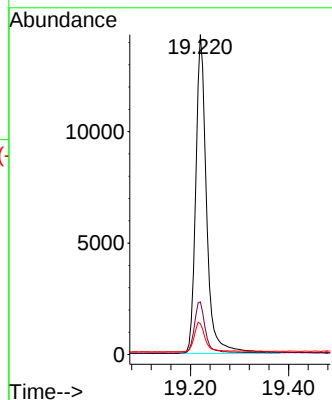
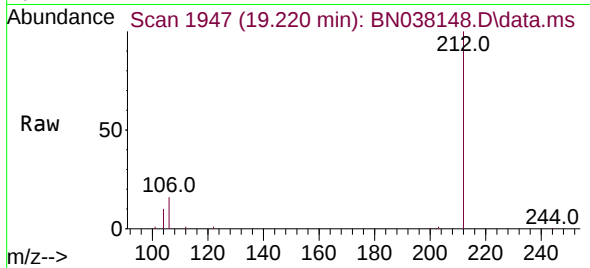




#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

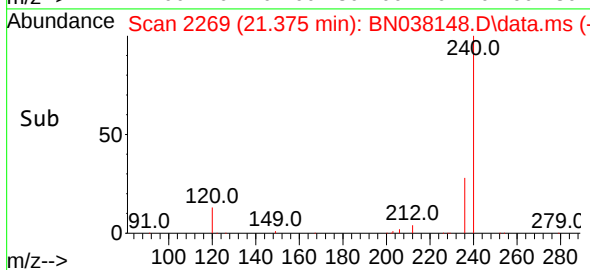
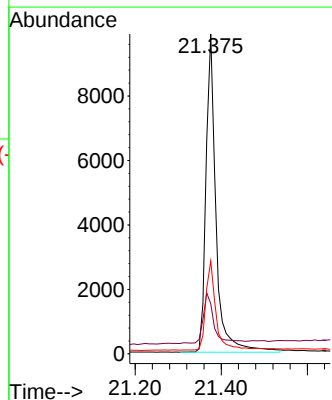
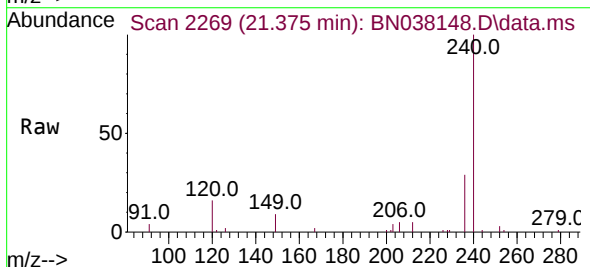
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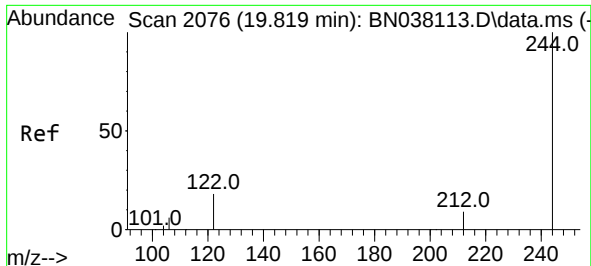
Tgt Ion:212 Resp: 21944
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

Tgt Ion:240 Resp: 15832
Ion Ratio Lower Upper
240 100
120 15.7 10.7 16.1
236 29.1 23.1 34.7

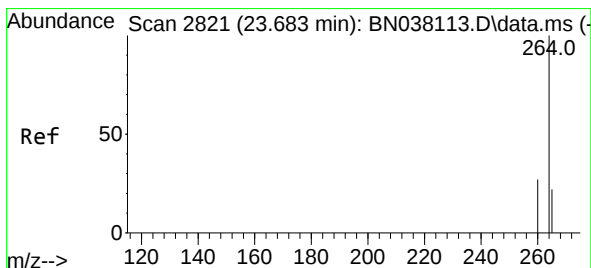
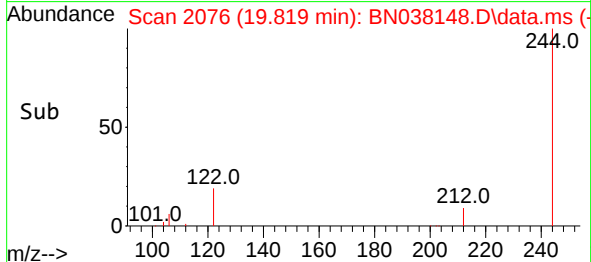
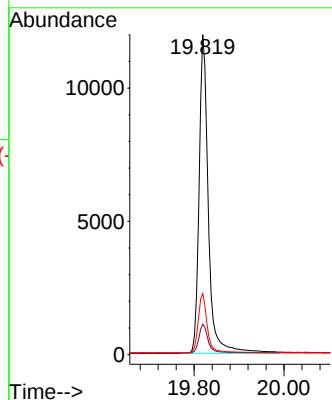
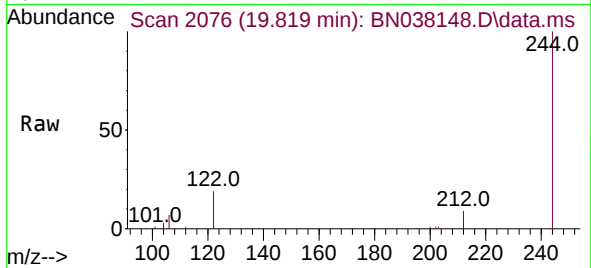




#31
Terphenyl-d14
Concen: 0.498 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:244 Resp: 17139
Ion Ratio Lower Upper
244 100
212 9.5 7.8 11.6
122 19.0 15.2 22.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038148.D
Acq: 07 Nov 2025 10:15

Tgt Ion:264 Resp: 13193
Ion Ratio Lower Upper
264 100
260 27.5 21.8 32.8
265 100.0 68.6 102.8

