

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038352.D
 Acq On : 12 Dec 2025 15:26
 Operator : RC/JU
 Sample : Q3828-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-120925

Quant Time: Dec 12 15:50:21 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)

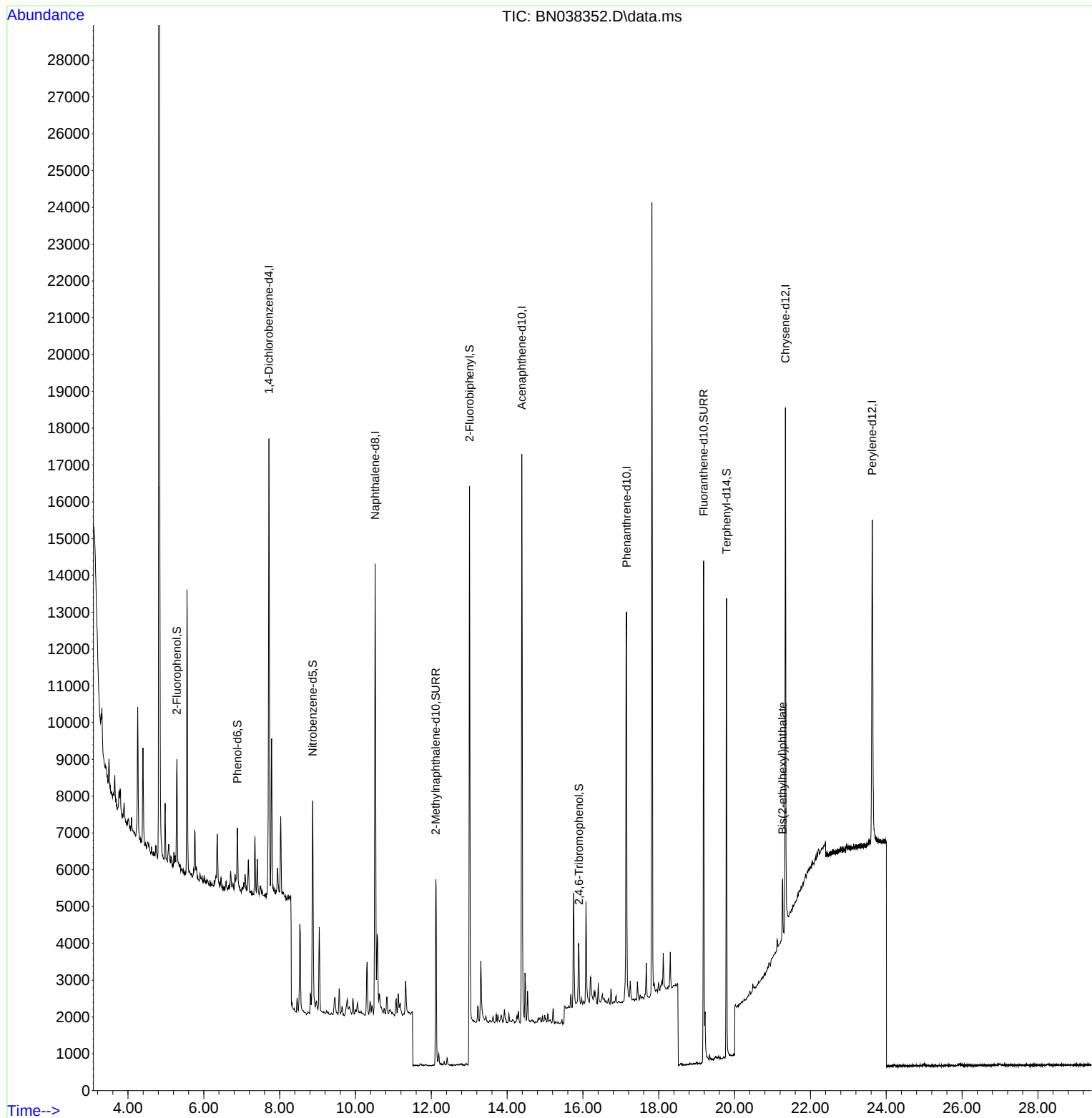
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6161	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15794	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8352	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16054	0.400	ng	0.00
29) Chrysene-d12	21.340	240	12796	0.400	ng	0.00
35) Perylene-d12	23.630	264	12638	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	2361	0.154	ng	0.00
5) Phenol-d6	6.887	99	1583	0.087	ng	0.00
8) Nitrobenzene-d5	8.875	82	4905	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	7150	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1125	0.304	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	14226	0.354	ng	0.00
27) Fluoranthene-d10	19.183	212	15084	0.380	ng	0.00
31) Terphenyl-d14	19.787	244	11993	0.420	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.268	149	1769	0.065	ng	# 96

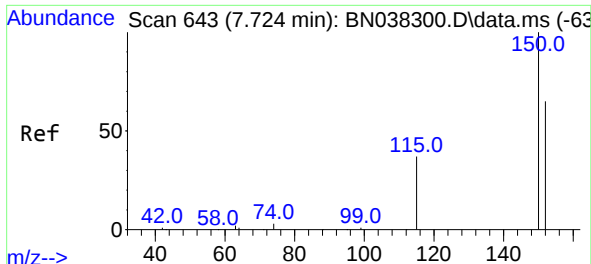
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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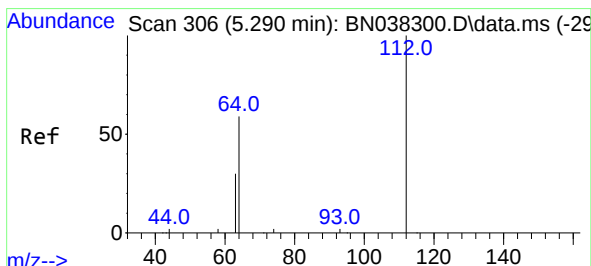
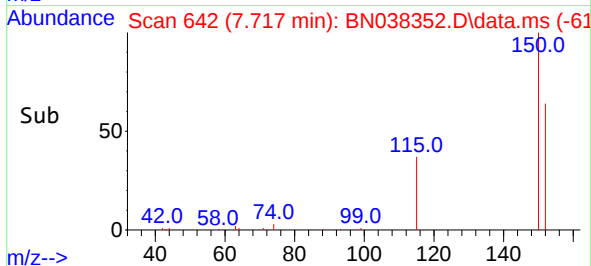
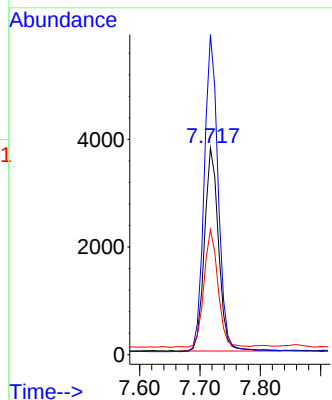
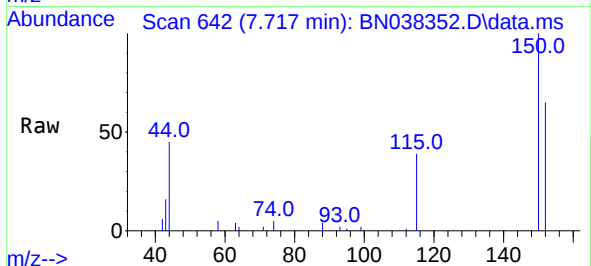




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

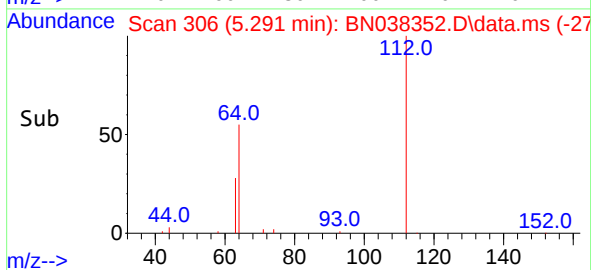
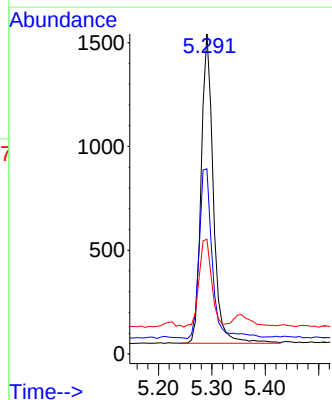
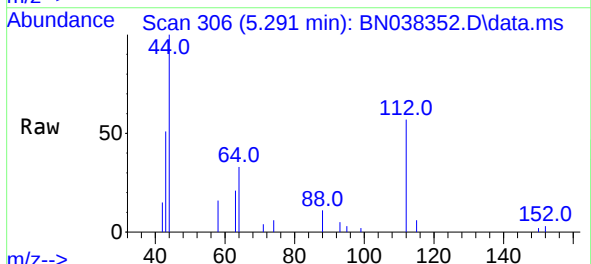
Instrument :
BNA_N
ClientSampleId :
FB01-120925

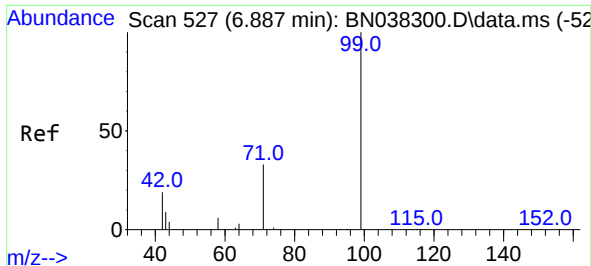
Tgt Ion:152 Resp: 6161
Ion Ratio Lower Upper
152 100
150 154.8 122.4 183.6
115 60.6 47.3 70.9



#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

Tgt Ion:112 Resp: 2361
Ion Ratio Lower Upper
112 100
64 58.6 44.4 66.6
63 29.4 23.4 35.0

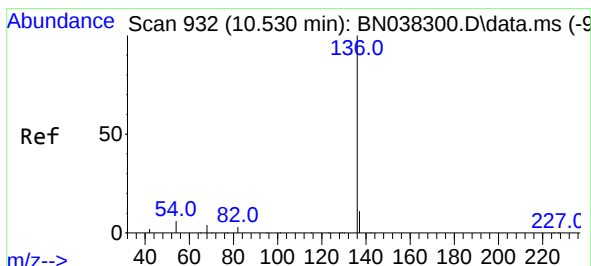
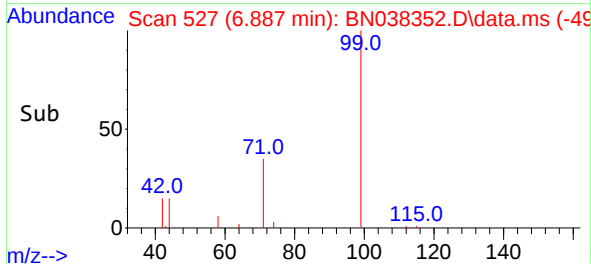
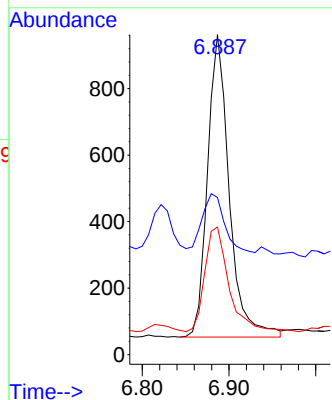
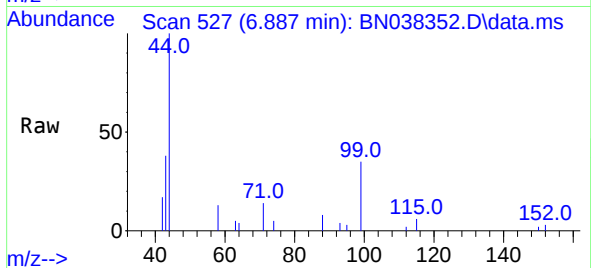




#5
Phenol-d6
Concen: 0.087 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

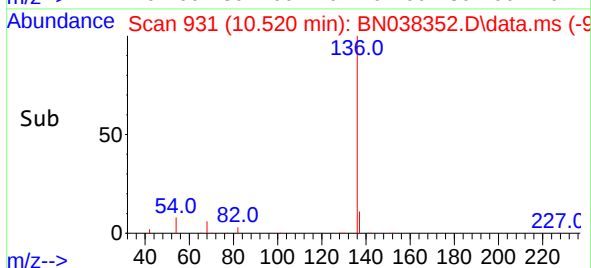
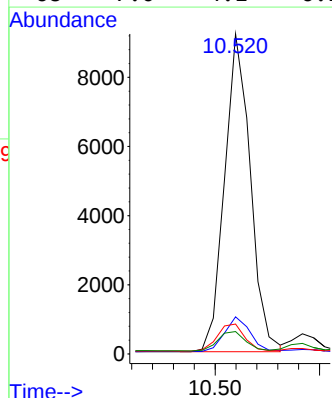
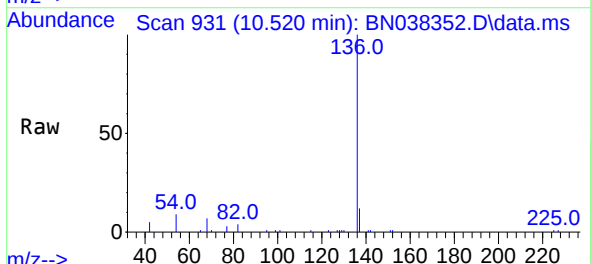
Instrument :
BNA_N
ClientSampleId :
FB01-120925

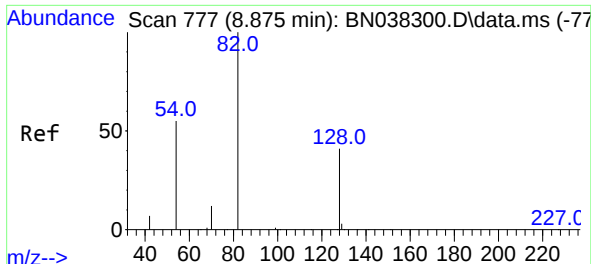
Tgt Ion: 99 Resp: 1583
Ion Ratio Lower Upper
99 100
42 20.7 16.5 24.7
71 38.5 24.9 37.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

Tgt Ion:136 Resp: 15794
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 9.3 5.2 7.8#
68 7.0 4.1 6.1#

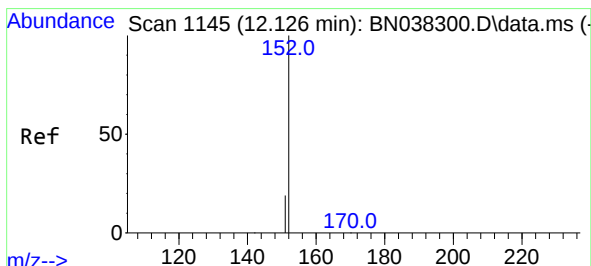
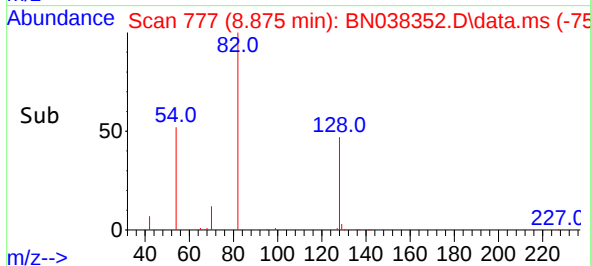
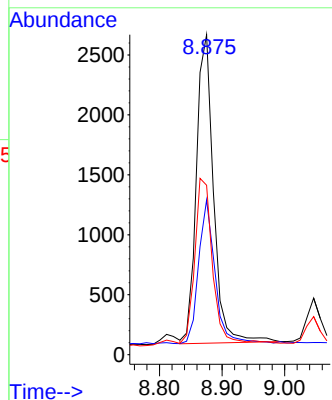
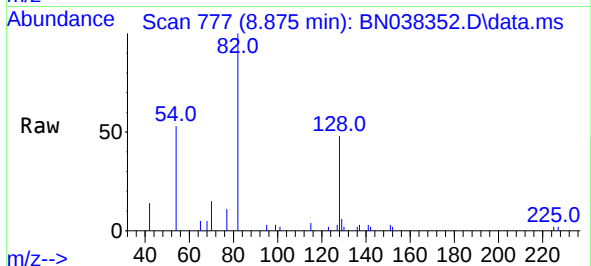




#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

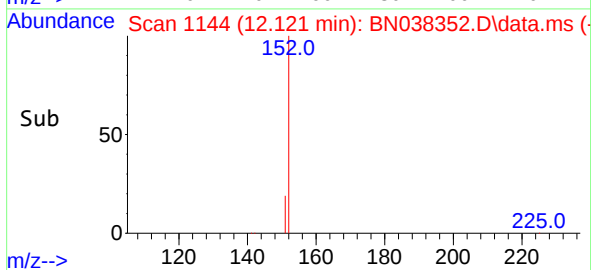
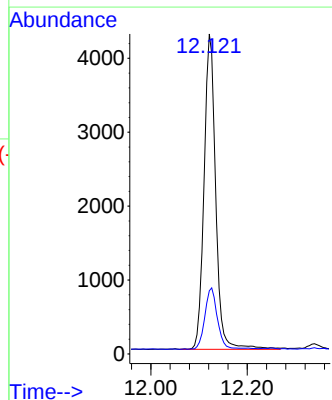
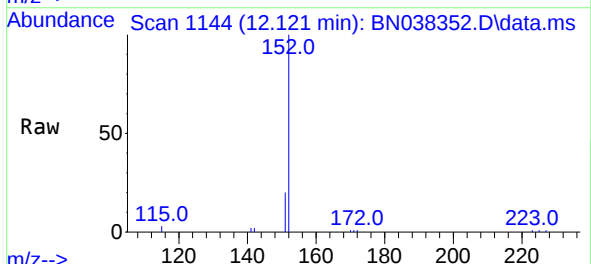
Instrument :
BNA_N
ClientSampleId :
FB01-120925

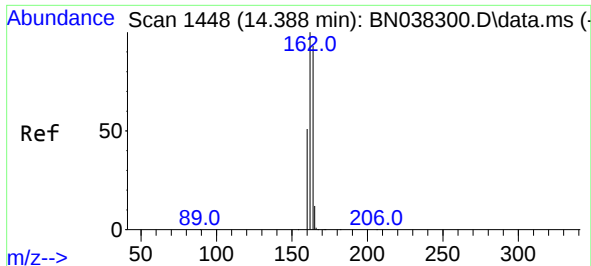
Tgt Ion: 82 Resp: 4905
Ion Ratio Lower Upper
82 100
128 48.4 34.0 51.0
54 52.9 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

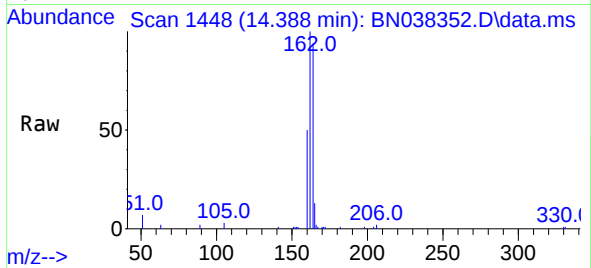
Tgt Ion: 152 Resp: 7150
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6



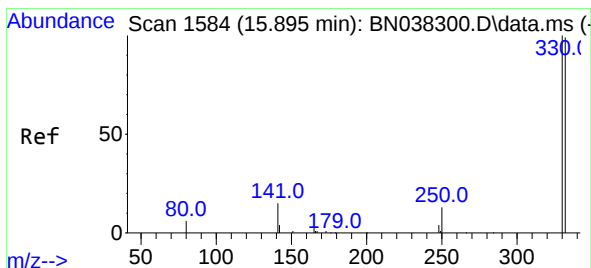
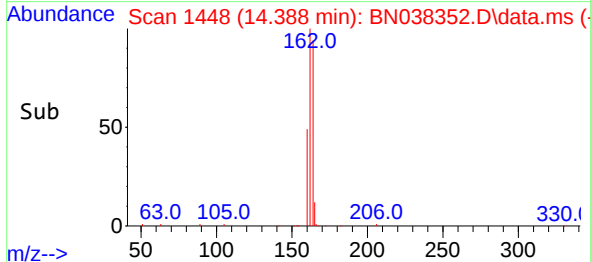
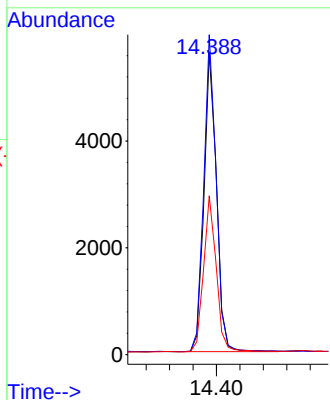


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

Instrument :
BNA_N
ClientSampleId :
FB01-120925

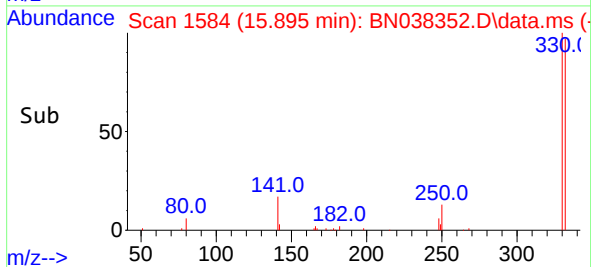
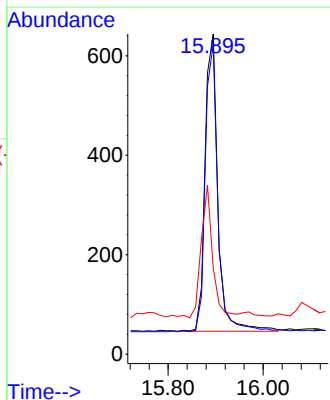
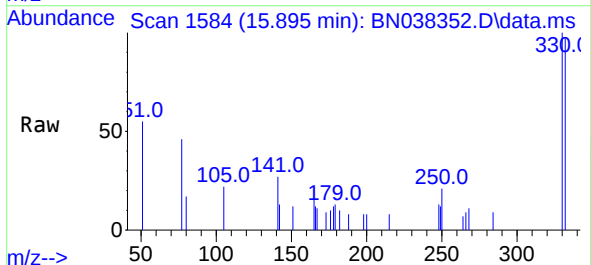


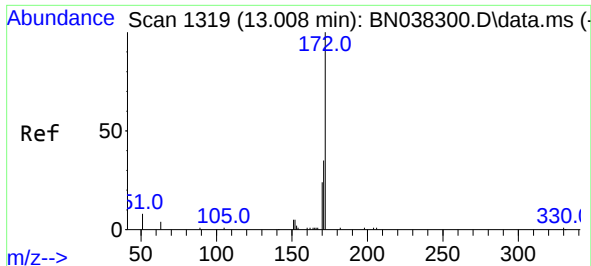
Tgt Ion:164 Resp: 8352
Ion Ratio Lower Upper
164 100
162 105.8 86.2 129.4
160 52.5 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

Tgt Ion:330 Resp: 1125
Ion Ratio Lower Upper
330 100
332 95.4 75.8 113.6
141 38.9 31.8 47.8

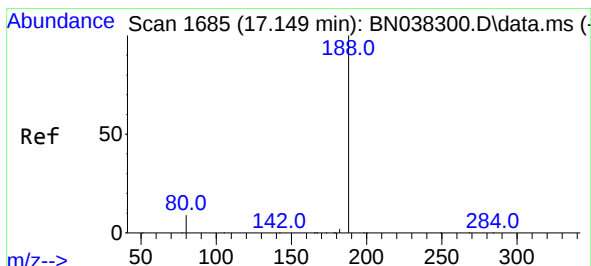
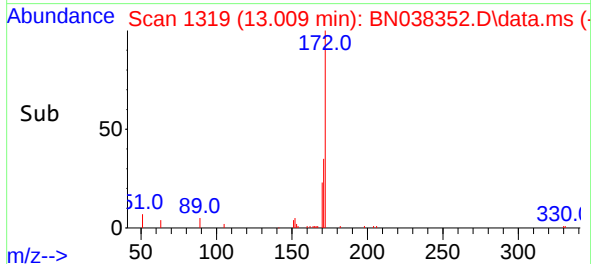
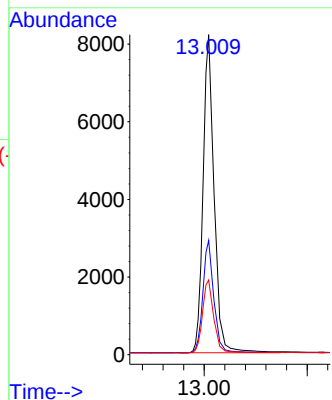
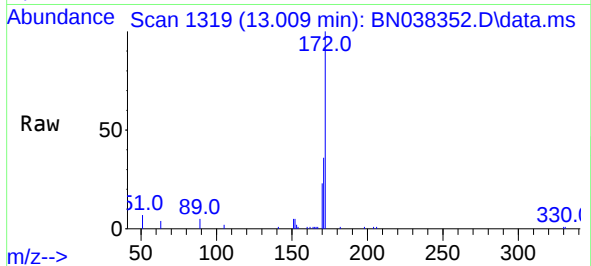




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.009 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

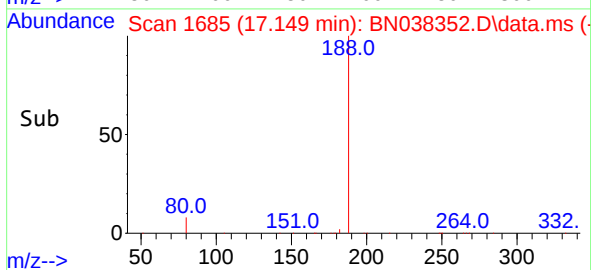
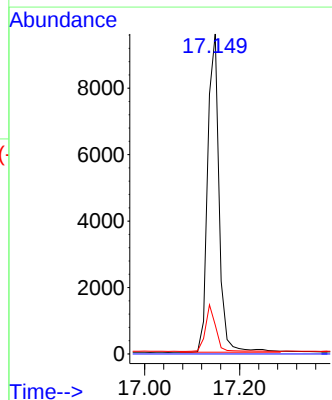
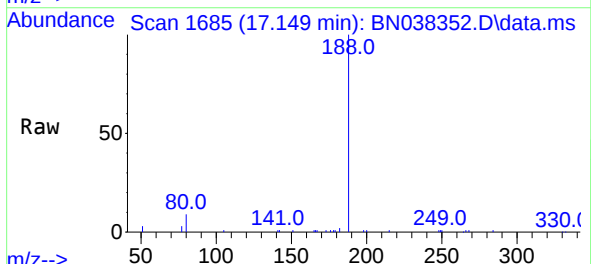
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ClientSampleId :
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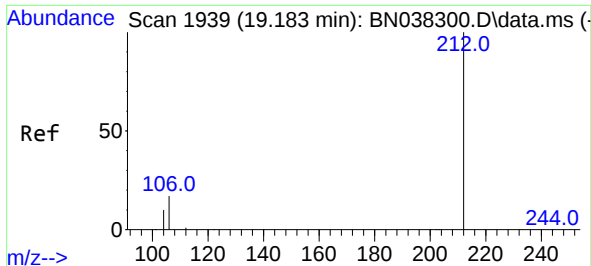
Tgt Ion:	172	Resp:	14226
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.4	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

Tgt Ion:	188	Resp:	16054
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.4	11.0

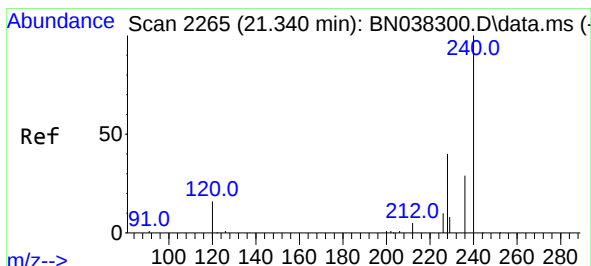
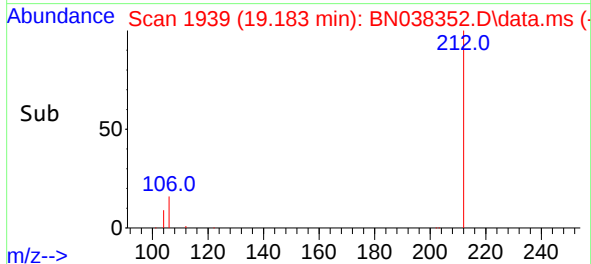
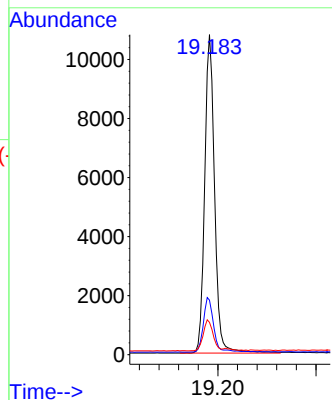
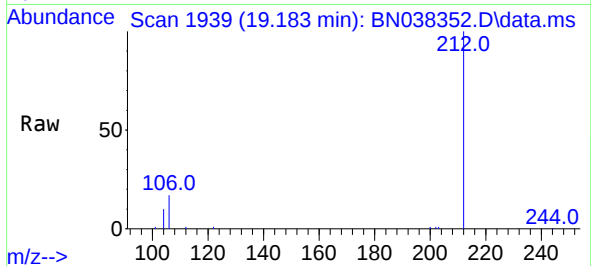




#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

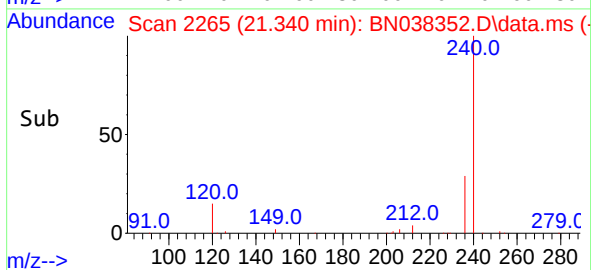
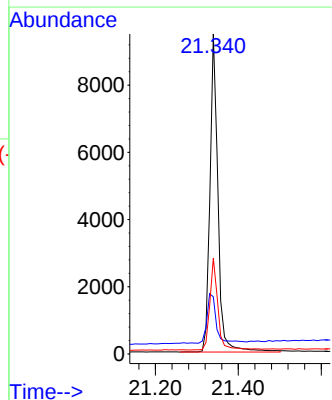
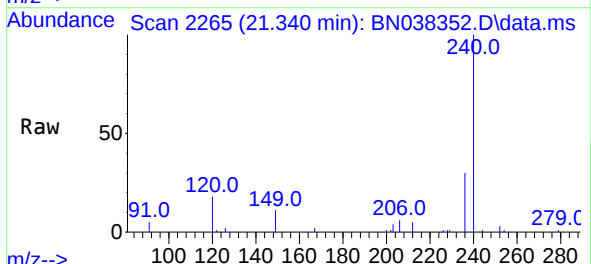
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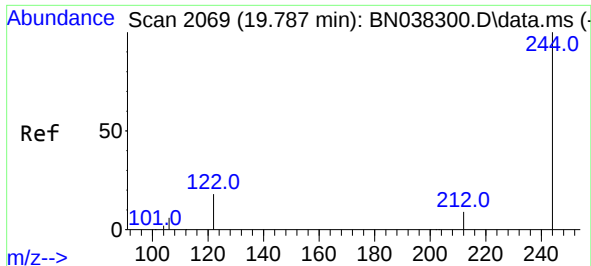
Tgt Ion:212 Resp: 15084
Ion Ratio Lower Upper
212 100
106 17.9 13.7 20.5
104 9.7 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

Tgt Ion:240 Resp: 12796
Ion Ratio Lower Upper
240 100
120 17.8 15.4 23.2
236 29.9 23.9 35.9

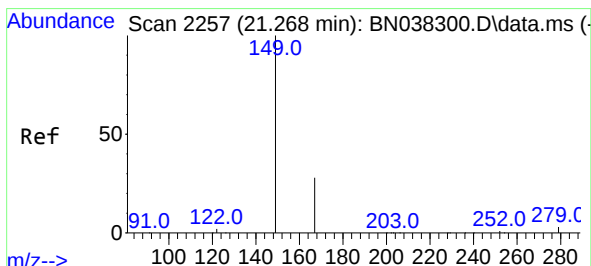
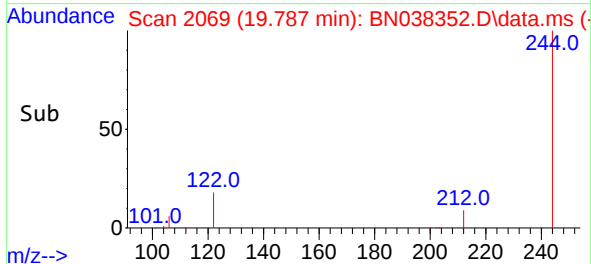
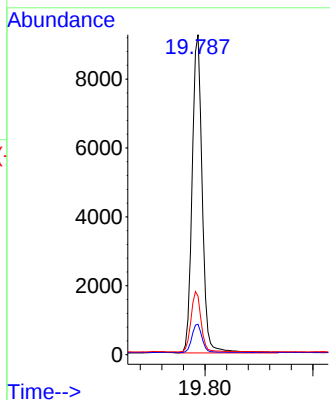
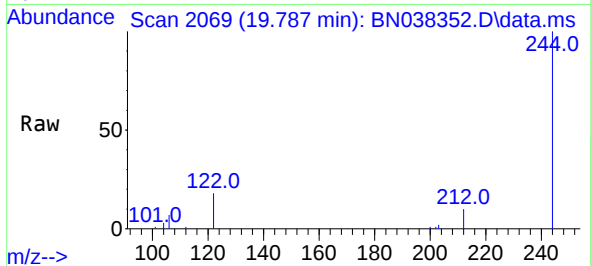




#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.004 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

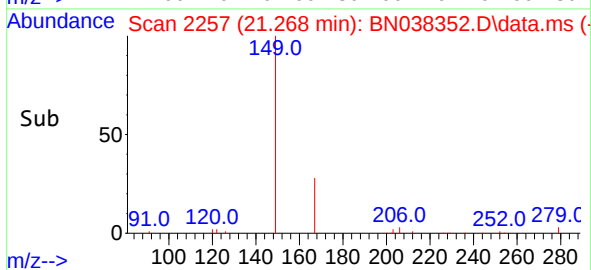
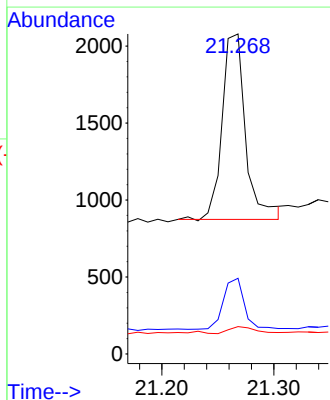
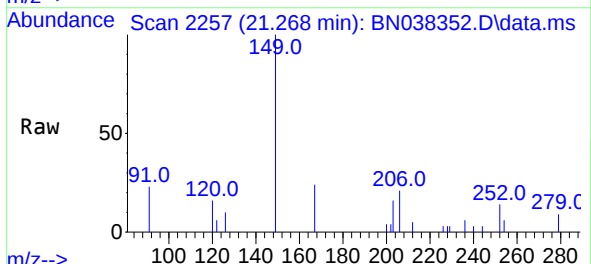
Instrument :
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FB01-120925

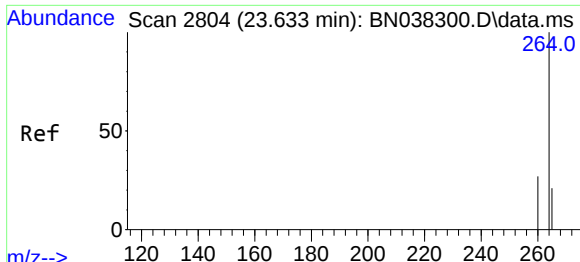
Tgt Ion:244 Resp: 11993
Ion Ratio Lower Upper
244 100
212 9.5 7.9 11.9
122 18.3 15.0 22.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.065 ng
RT: 21.268 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN038352.D
Acq: 12 Dec 2025 15:26

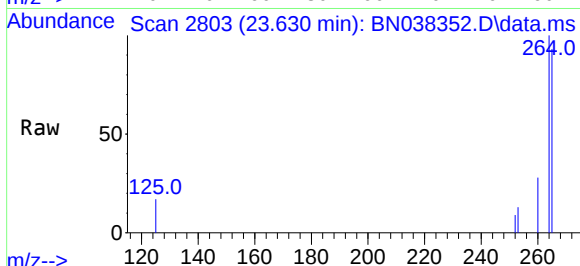
Tgt Ion:149 Resp: 1769
Ion Ratio Lower Upper
149 100
167 24.8 21.4 32.0
279 4.4 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.630 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN038352.D
 Acq: 12 Dec 2025 15:26

Instrument :
 BNA_N
 ClientSampleId :
 FB01-120925



Tgt Ion:264 Resp: 12638

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.2	33.2
265	93.0	80.2	120.2

