

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
 Data File : BN038288.D
 Acq On : 06 Dec 2025 00:19
 Operator : RC/JU
 Sample : PB170838BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170838BL

Quant Time: Dec 06 00:56:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

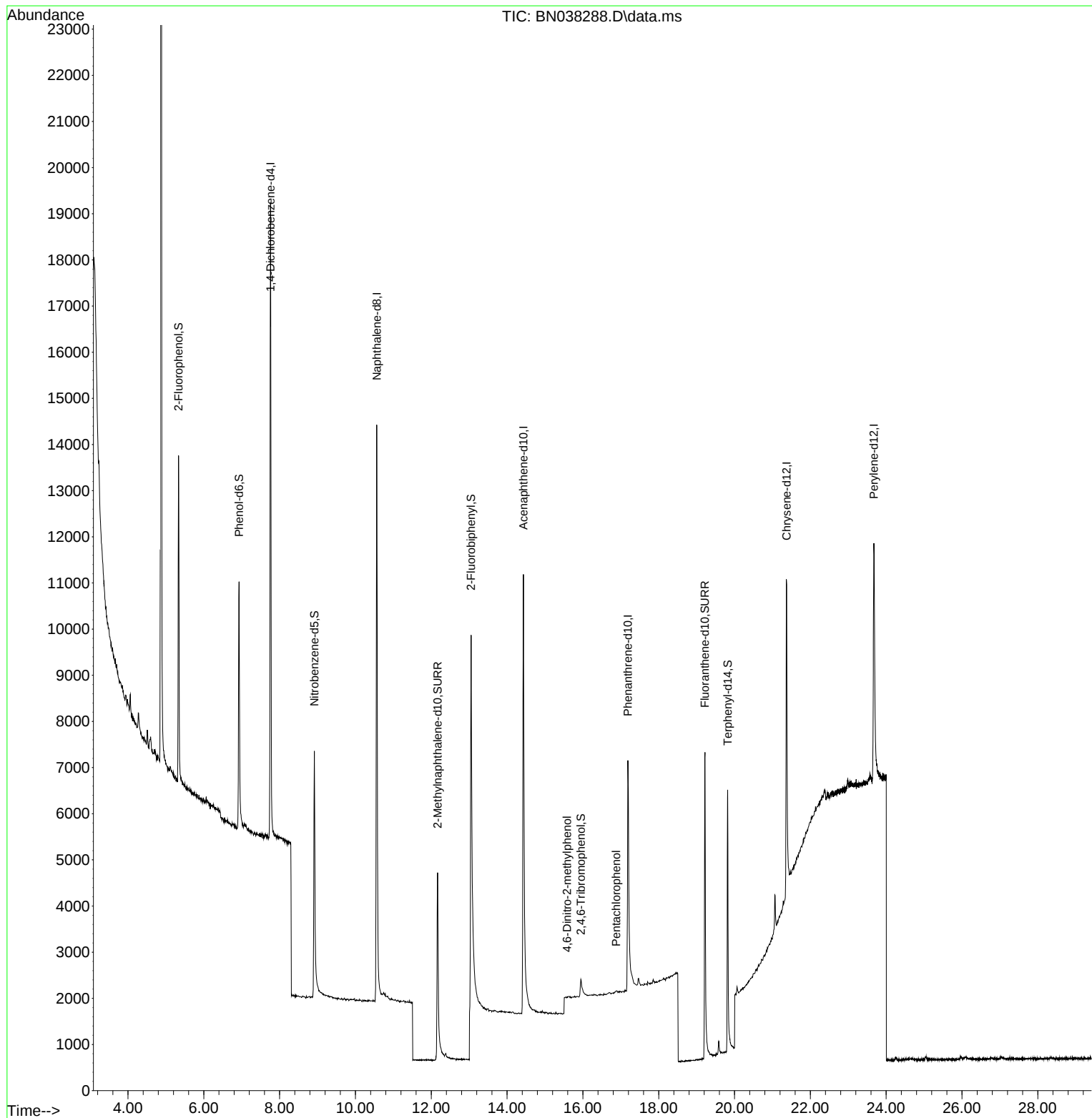
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	7136	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	19157	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	8410	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	11693	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	9196	0.400	ng	# 0.00
35) Perylene-d12	23.677	264	9718	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	5905	0.354	ng	0.00
5) Phenol-d6	6.930	99	6410	0.308	ng	0.00
8) Nitrobenzene-d5	8.918	82	5582	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	12.167	152	8458	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.944	330	448	0.169	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	12403	0.382	ng	0.00
27) Fluoranthene-d10	19.220	212	10011	0.395	ng	0.00
31) Terphenyl-d14	19.819	244	7406	0.349	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.584	198	1	0.173	ng	# 1
24) Pentachlorophenol	16.875	266	92	0.034	ng	# 50

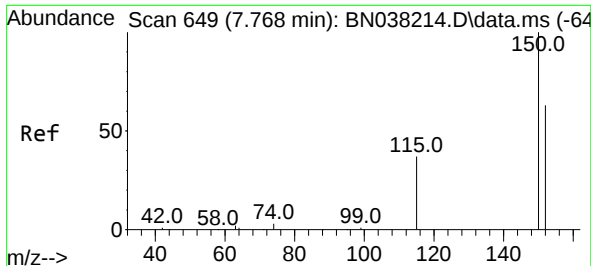
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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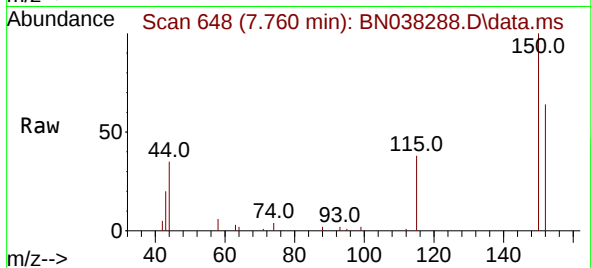
Quant Time: Dec 06 00:56:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



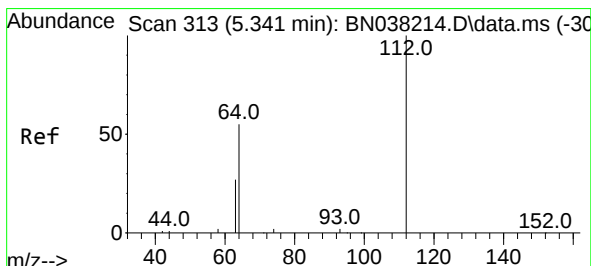
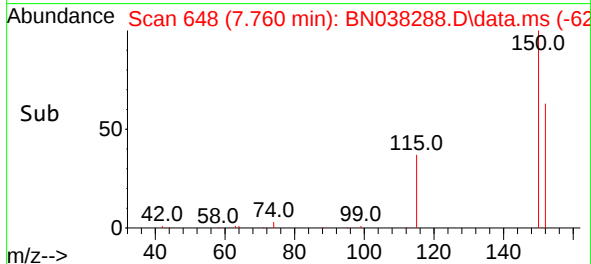
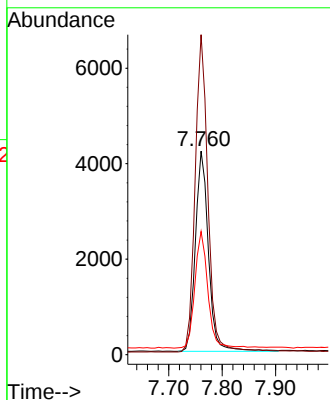


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.760 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Instrument :
BNA_N
ClientSampleId :
PB170838BL

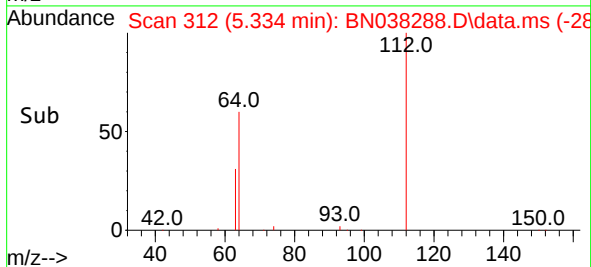
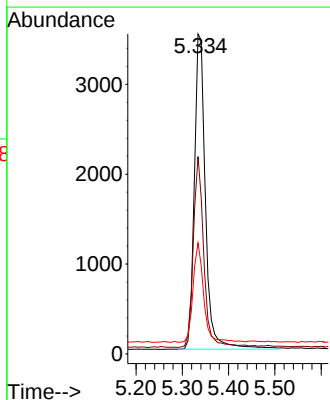
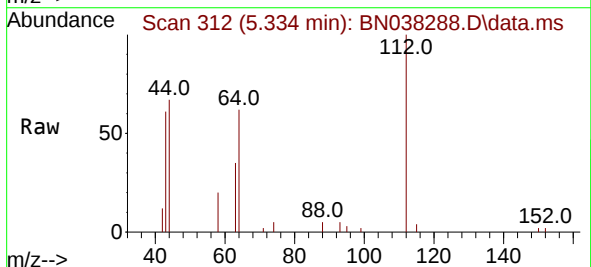


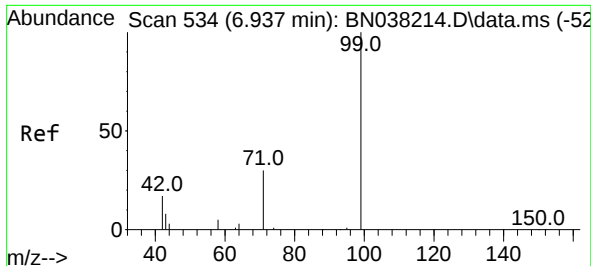
Tgt Ion:152 Resp: 7136
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 60.5 49.0 73.4



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.007 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion:112 Resp: 5905
Ion Ratio Lower Upper
112 100
64 56.7 45.0 67.4
63 29.9 23.2 34.8

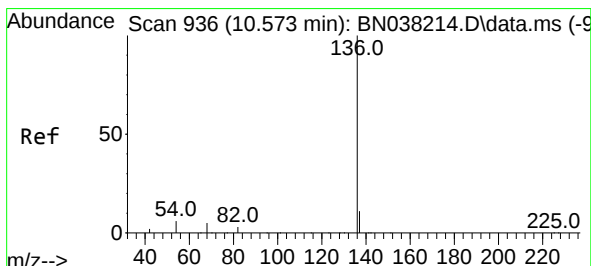
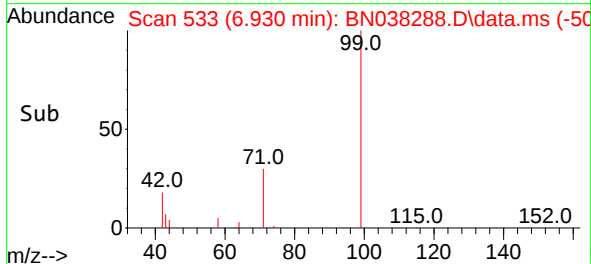
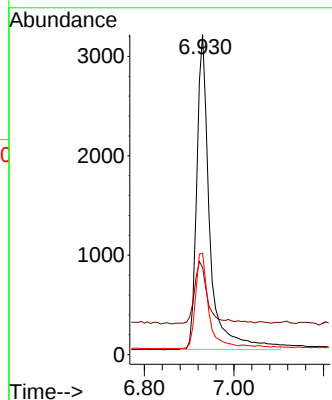
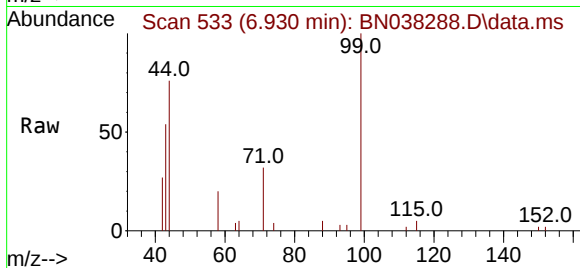




#5
Phenol-d6
Concen: 0.308 ng
RT: 6.930 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

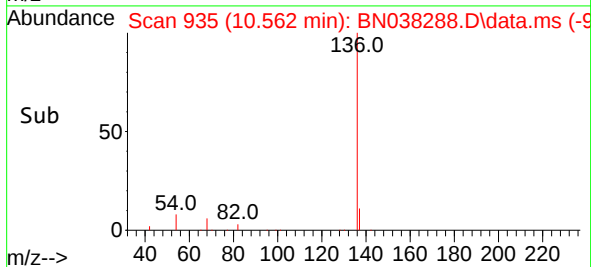
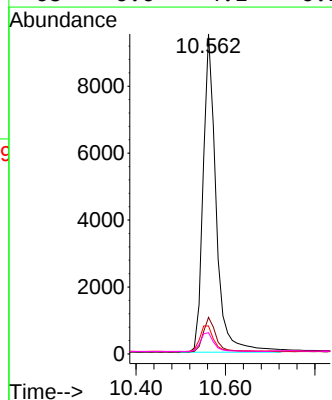
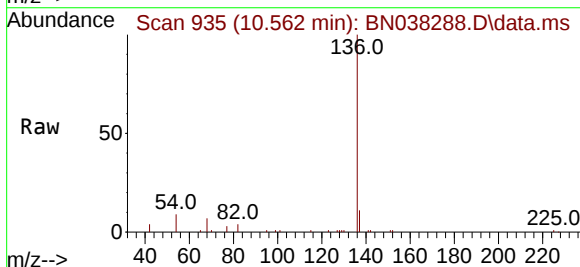
Instrument :
BNA_N
ClientSampleId :
PB170838BL

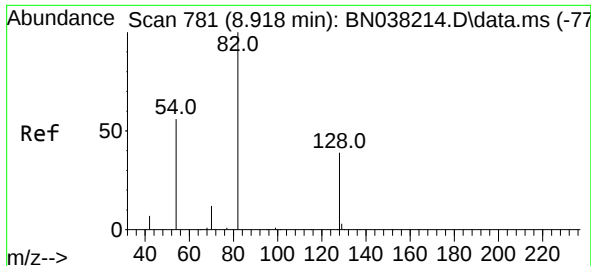
Tgt Ion: 99 Resp: 6410
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 30.2 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion: 136 Resp: 19157
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.8 5.4 8.0#
68 6.6 4.1 6.1#

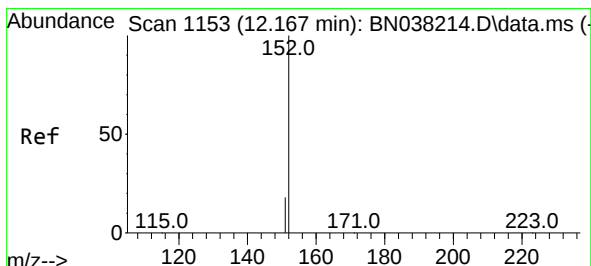
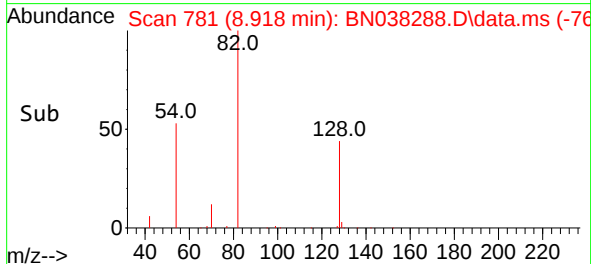
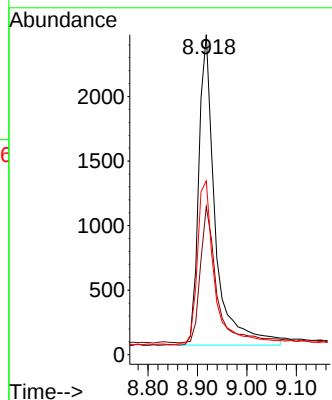
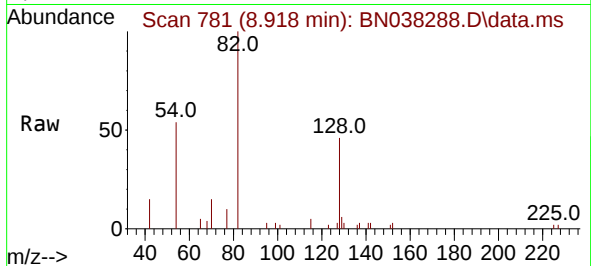




#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

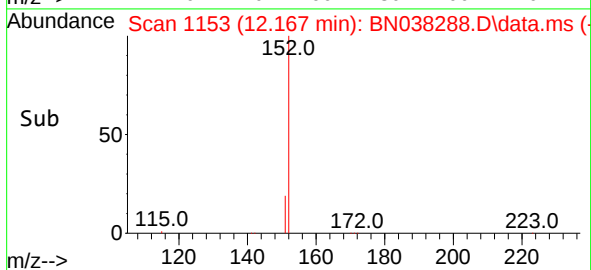
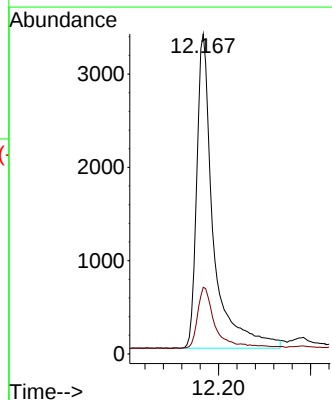
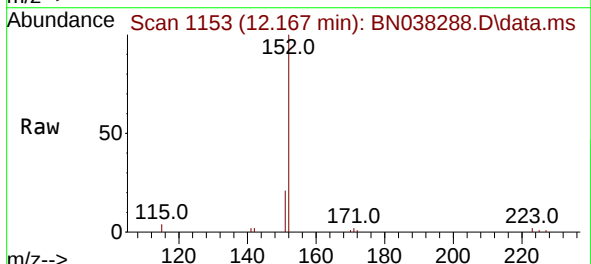
Instrument :
BNA_N
ClientSampleId :
PB170838BL

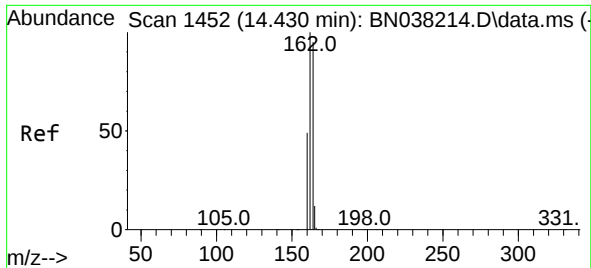
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	32.6	48.8
54	54.3	45.4	68.0



#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.167 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.7	25.1

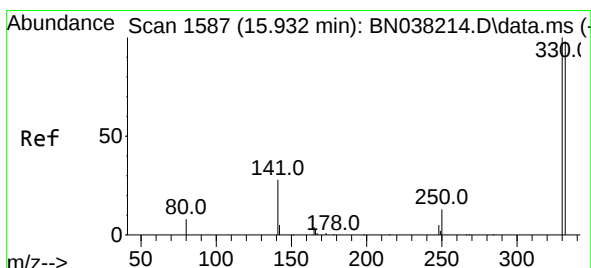
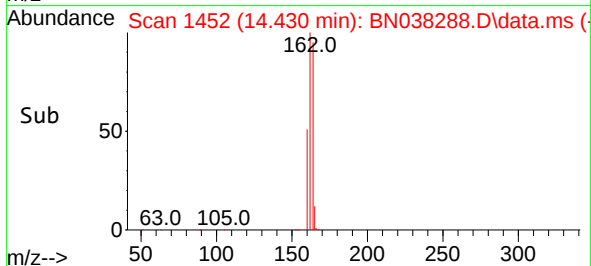
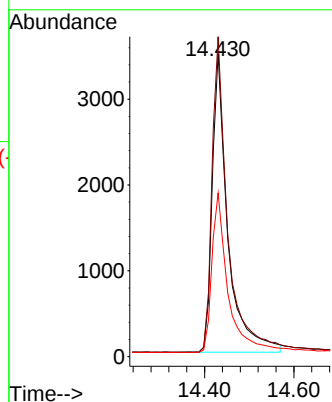
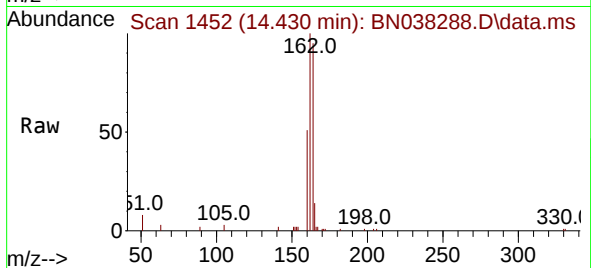




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

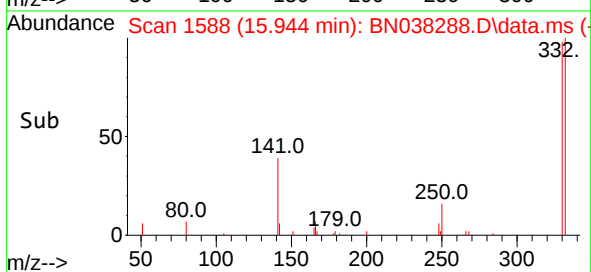
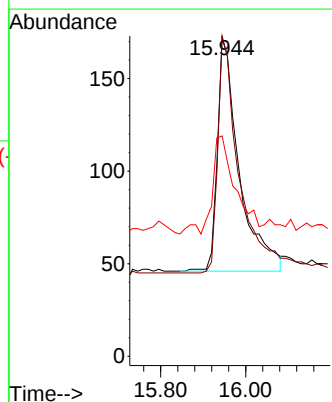
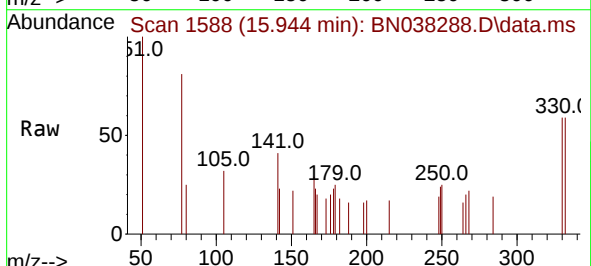
Instrument :
BNA_N
ClientSampleId :
PB170838BL

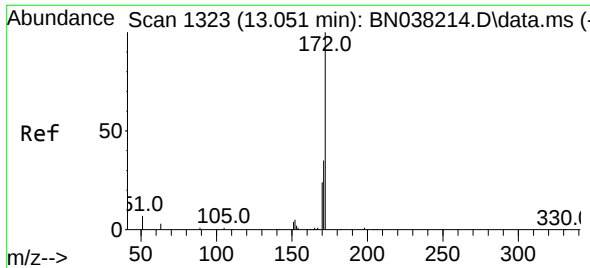
Tgt Ion:164 Resp: 8410
Ion Ratio Lower Upper
164 100
162 105.6 83.8 125.8
160 54.0 41.6 62.4



#14
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 15.944 min Scan# 1588
Delta R.T. 0.012 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion:330 Resp: 448
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.6
141 44.0 33.0 49.4

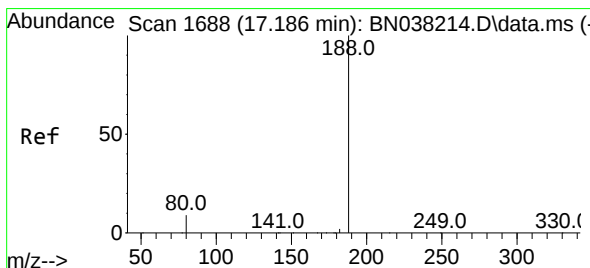
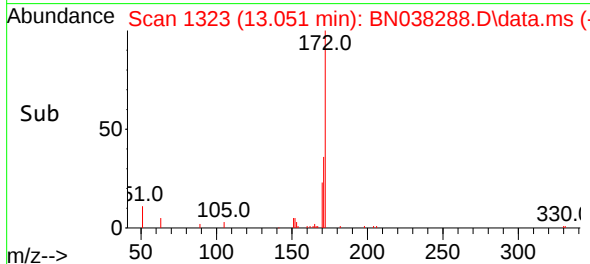
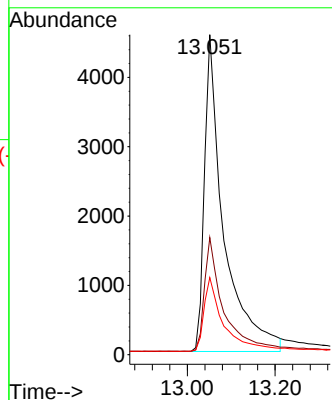
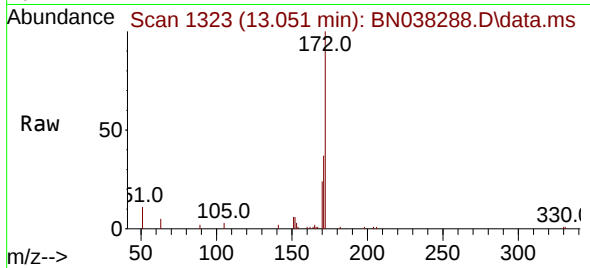




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

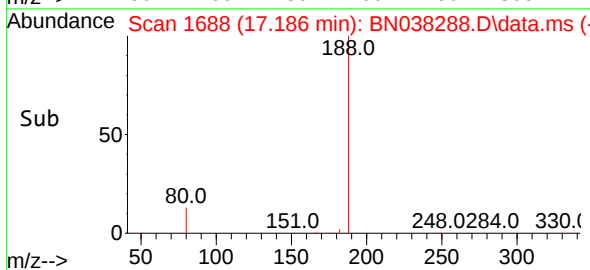
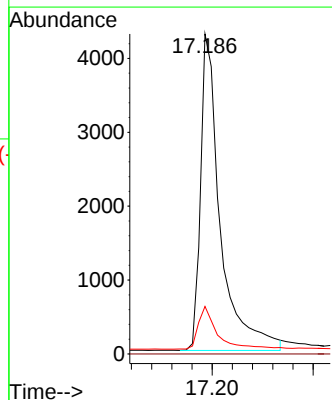
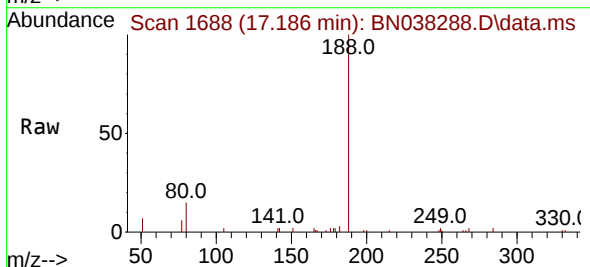
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ClientSampleId :
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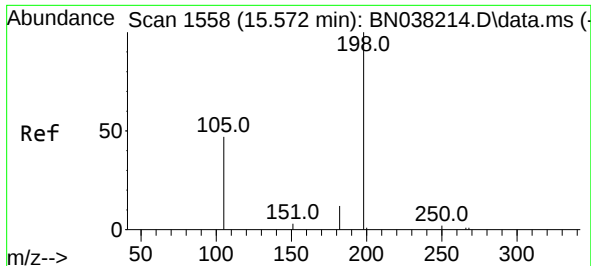
Tgt Ion:	172	Resp:	12403
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.1	42.1
170	24.1	19.1	28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion:	188	Resp:	11693
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.8	7.7	11.5

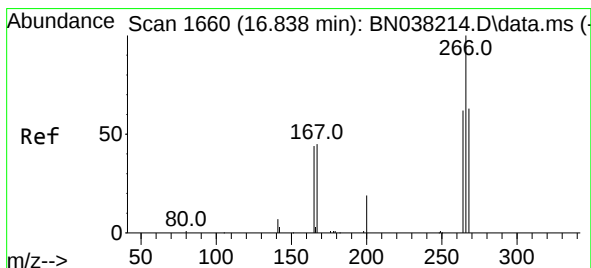
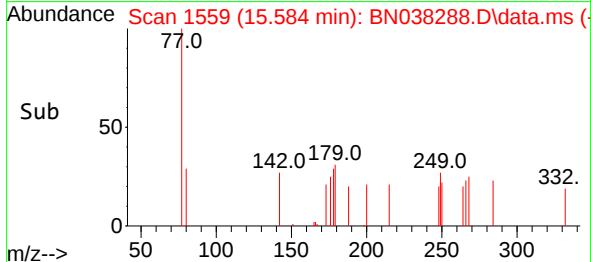
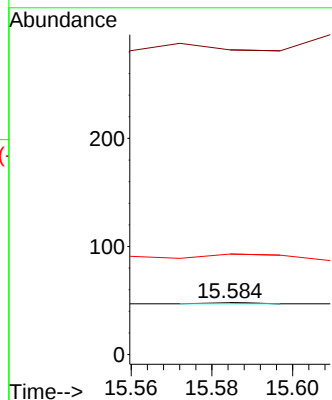
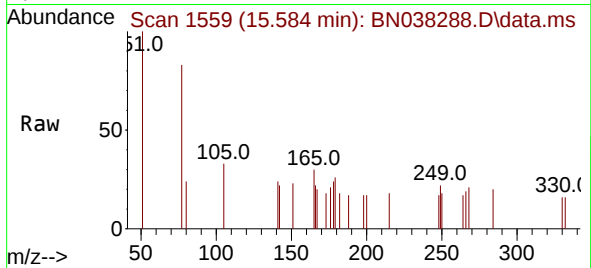




#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 15.584 min Scan# 1559
Delta R.T. 0.012 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

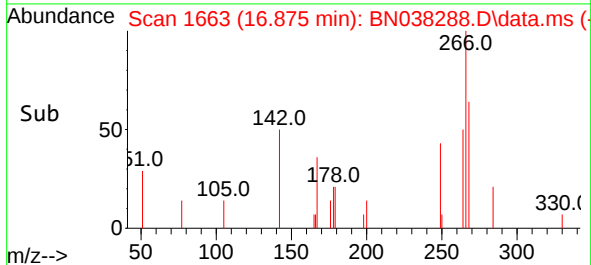
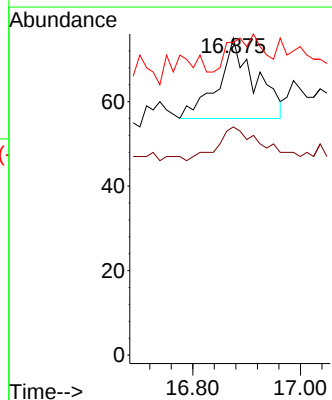
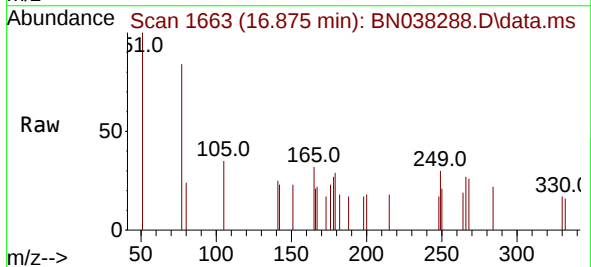
Instrument :
BNA_N
ClientSampleId :
PB170838BL

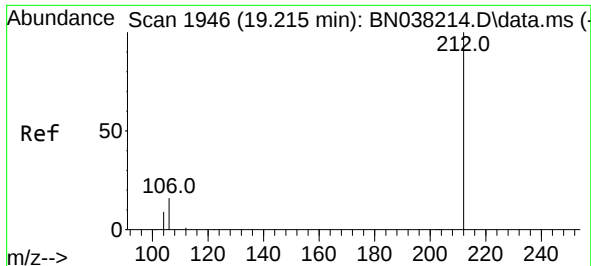
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 587.5 205.1 307.7#
105 193.8 61.6 92.4#



#24
Pentachlorophenol
Concen: 0.034 ng
RT: 16.875 min Scan# 1663
Delta R.T. 0.037 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion:266 Resp: 92
Ion Ratio Lower Upper
266 100
264 47.8 48.9 73.3#
268 0.0 50.2 75.2#

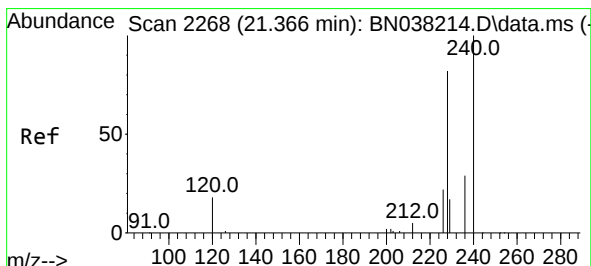
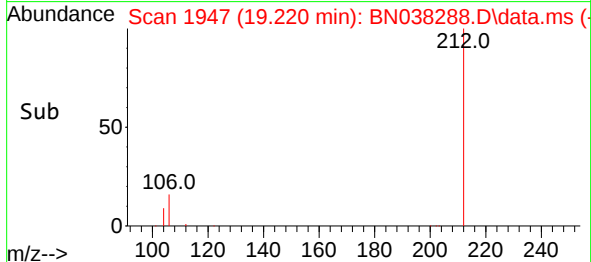
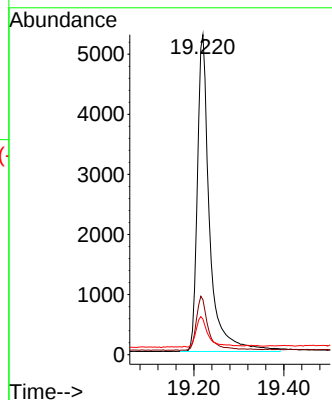
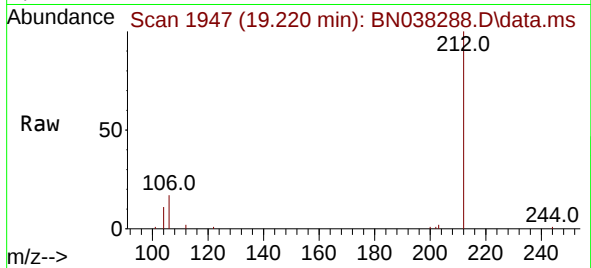




#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.005 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

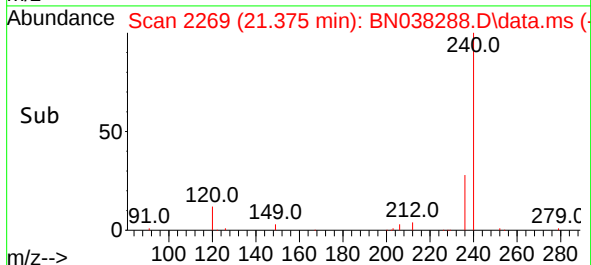
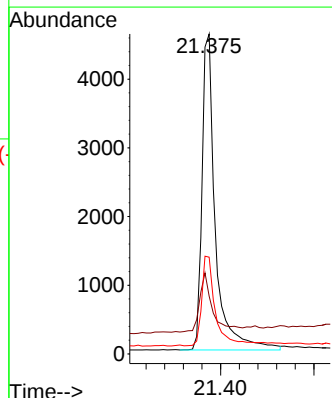
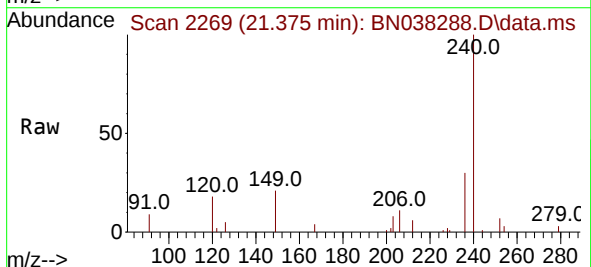
Instrument :
BNA_N
ClientSampleId :
PB170838BL

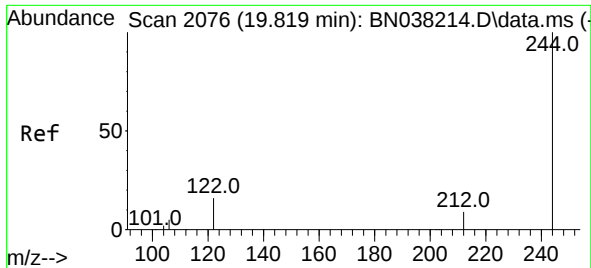
Tgt Ion:212 Resp: 10011
Ion Ratio Lower Upper
212 100
106 16.8 12.7 19.1
104 9.7 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.009 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

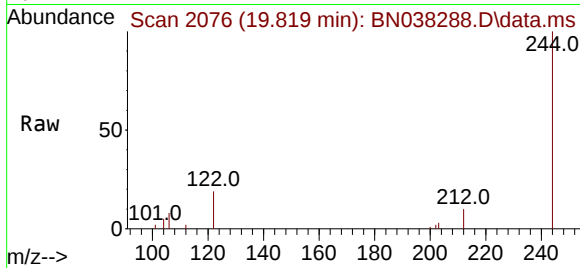
Tgt Ion:240 Resp: 9196
Ion Ratio Lower Upper
240 100
120 18.1 18.1 27.1#
236 30.2 24.2 36.4



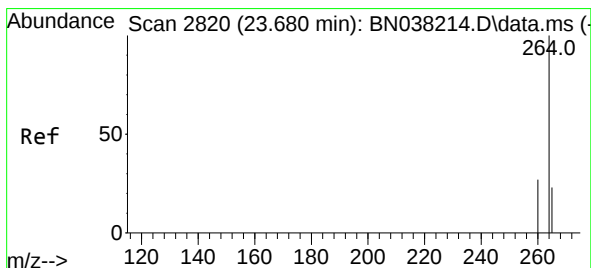
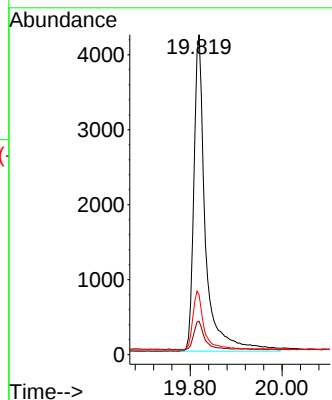
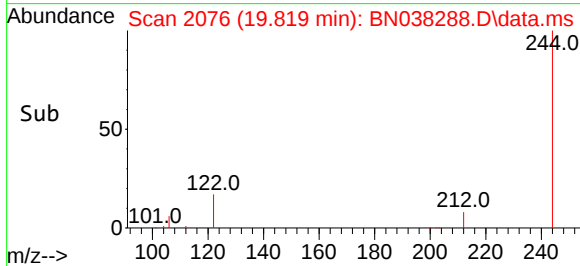


#31
Terphenyl-d14
Concen: 0.349 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Instrument :
BNA_N
ClientSampleId :
PB170838BL



Tgt Ion:244 Resp: 7406
Ion Ratio Lower Upper
244 100
212 10.5 7.7 11.5
122 18.7 13.6 20.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.677 min Scan# 2819
Delta R.T. -0.003 min
Lab File: BN038288.D
Acq: 06 Dec 2025 00:19

Tgt Ion:264 Resp: 9718
Ion Ratio Lower Upper
264 100
260 27.3 21.7 32.5
265 140.0 98.0 147.0

