

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038191.D
 Acq On : 12 Nov 2025 14:21
 Operator : RC/JU
 Sample : Q3584-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-2

Quant Time: Nov 12 14:45:20 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)

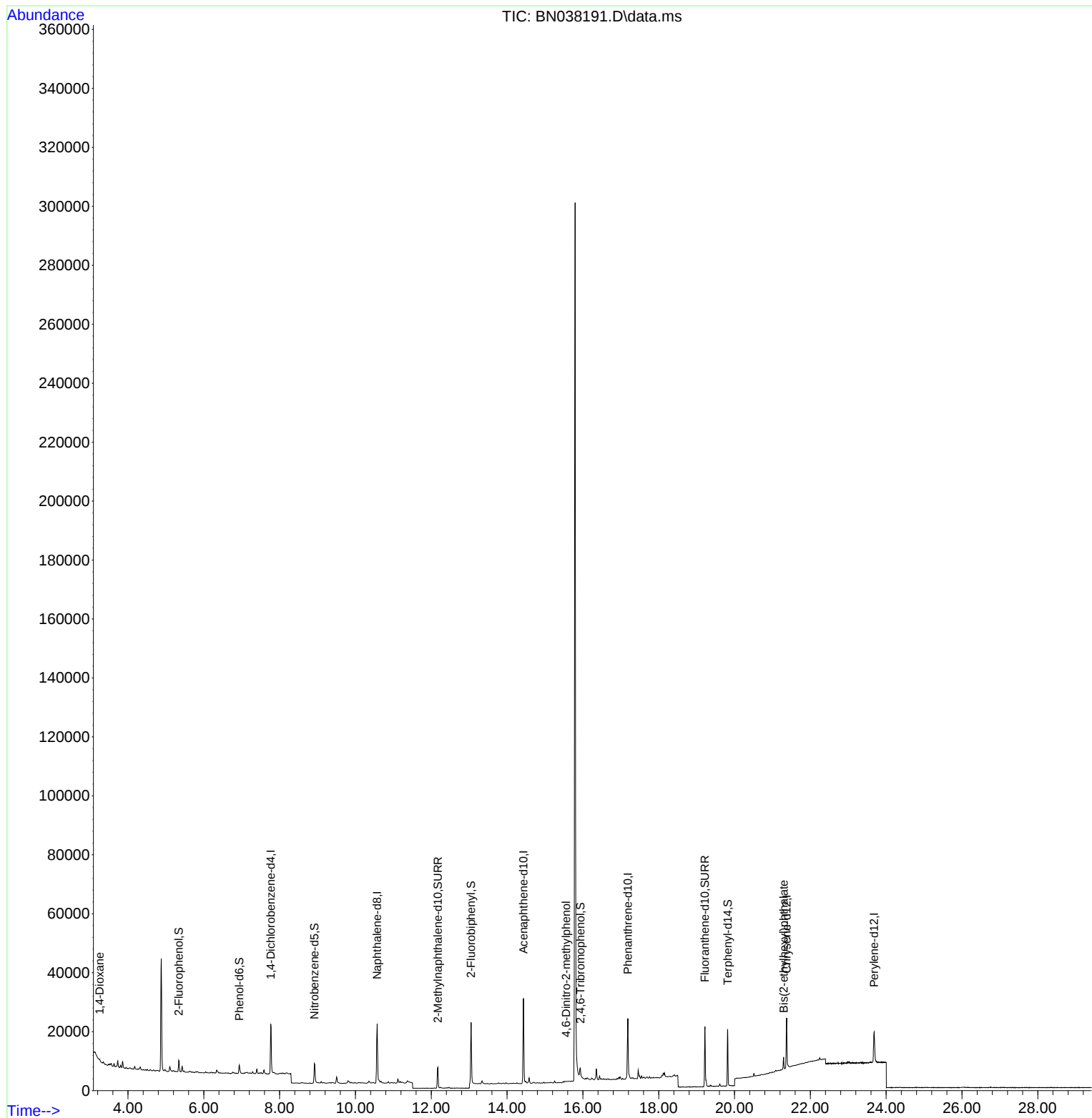
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8717	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	27838	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	16503	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	29773	0.400	ng	0.00
29) Chrysene-d12	21.375	240	16736	0.400	ng	0.00
35) Perylene-d12	23.683	264	15603	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3128	0.152	ng	0.00
5) Phenol-d6	6.937	99	2983	0.119	ng	0.00
8) Nitrobenzene-d5	8.918	82	6280	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	10441	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2265	0.333	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18090	0.274	ng	0.00
27) Fluoranthene-d10	19.220	212	22656	0.302	ng	0.00
31) Terphenyl-d14	19.819	244	18926	0.521	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	417	0.046	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.560	198	25	0.188	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	4214	0.134	ng	98

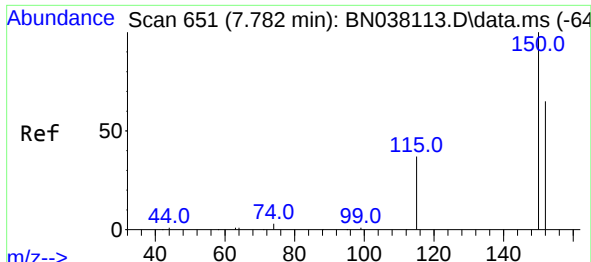
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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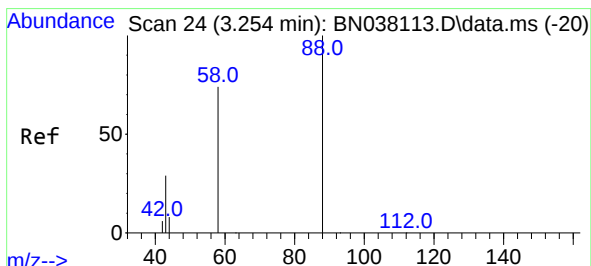
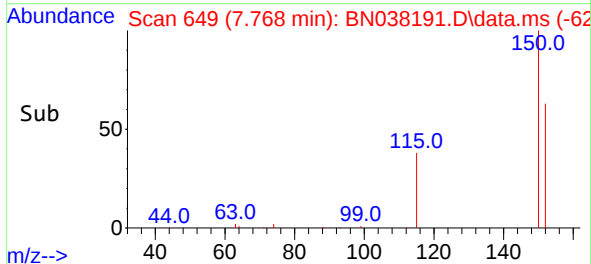
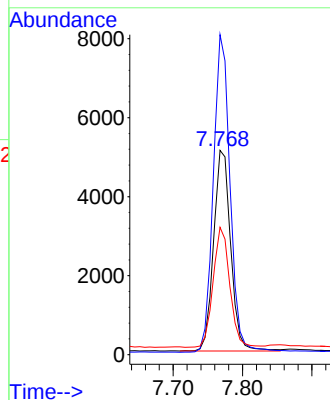
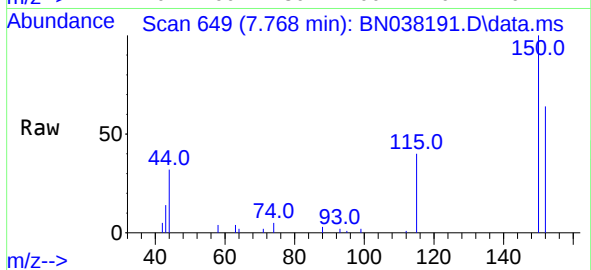




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

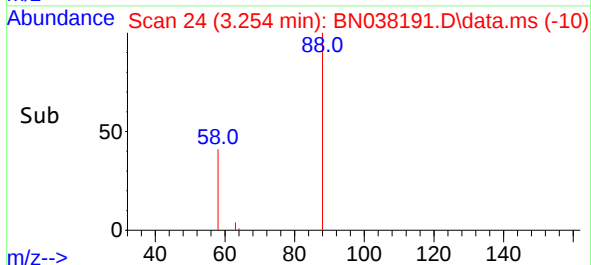
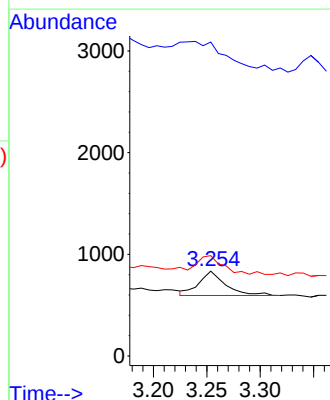
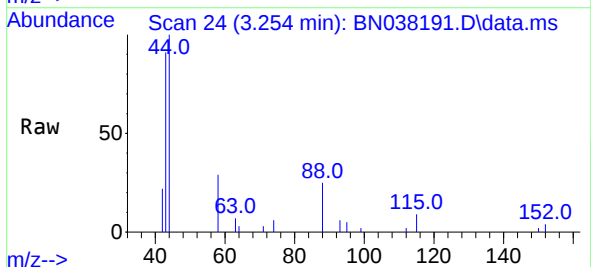
Instrument :
BNA_N
ClientSampleId :
SW-2

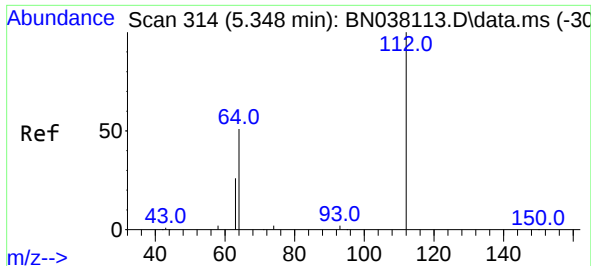
Tgt Ion:152 Resp: 8717
Ion Ratio Lower Upper
152 100
150 156.6 122.3 183.5
115 62.3 47.4 71.0



#2
1,4-Dioxane
Concen: 0.046 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion: 88 Resp: 417
Ion Ratio Lower Upper
88 100
43 0.0 24.3 36.5#
58 74.1 60.4 90.6

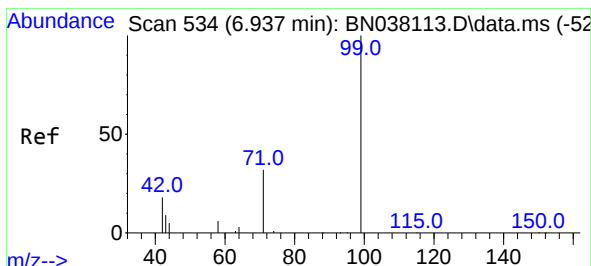
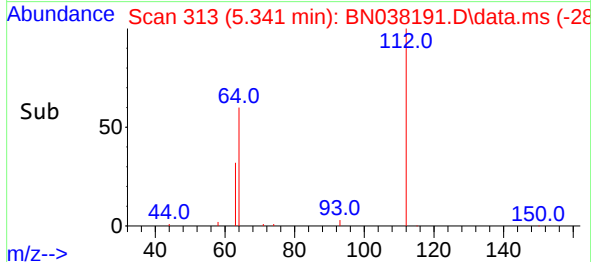
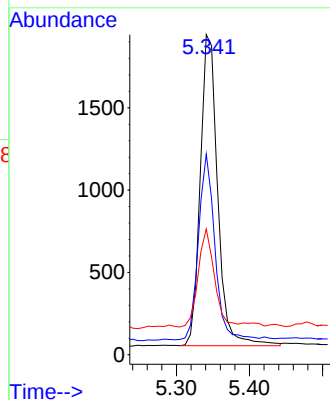
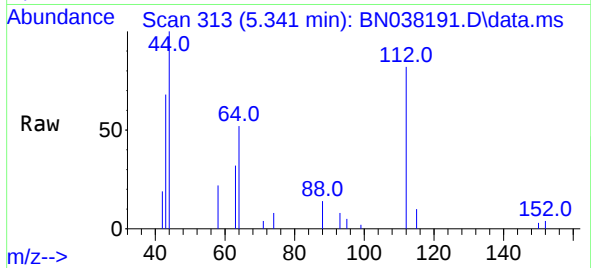




#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

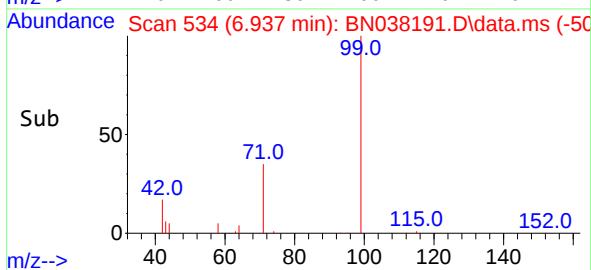
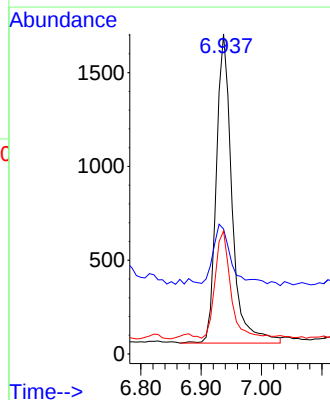
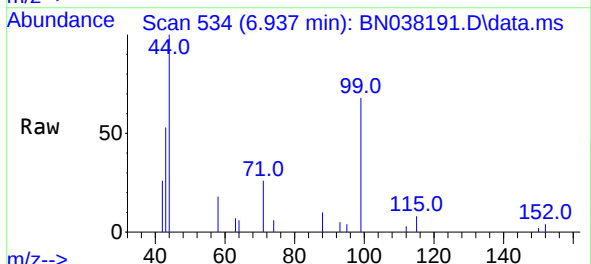
Instrument :
BNA_N
ClientSampleId :
SW-2

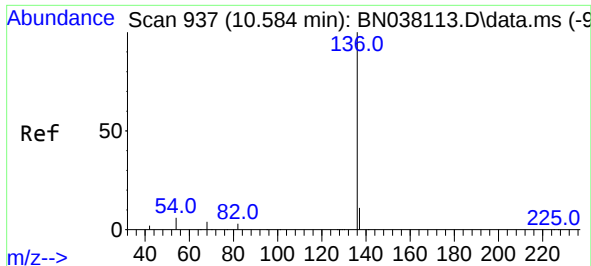
Tgt Ion:112 Resp: 3128
Ion Ratio Lower Upper
112 100
64 55.9 45.4 68.0
63 29.3 23.2 34.8



#5
Phenol-d6
Concen: 0.119 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion: 99 Resp: 2983
Ion Ratio Lower Upper
99 100
42 23.7 16.6 24.8
71 34.4 25.4 38.2

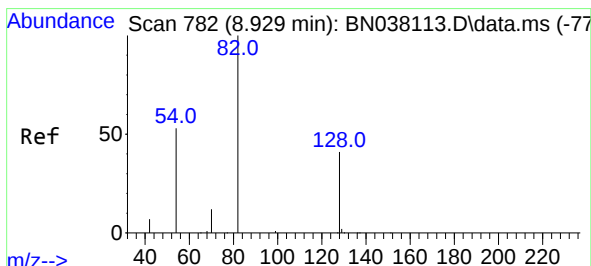
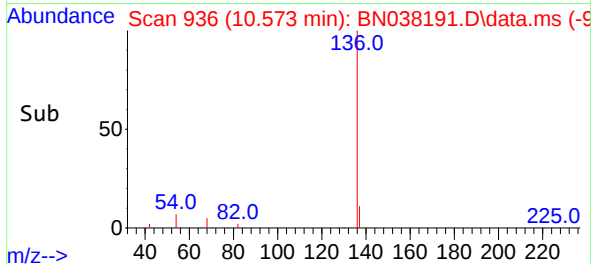
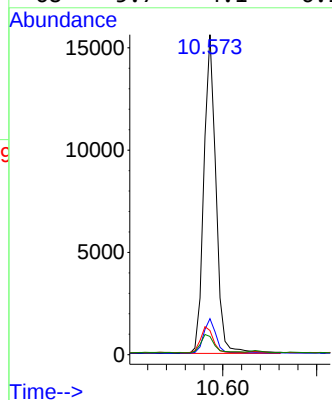
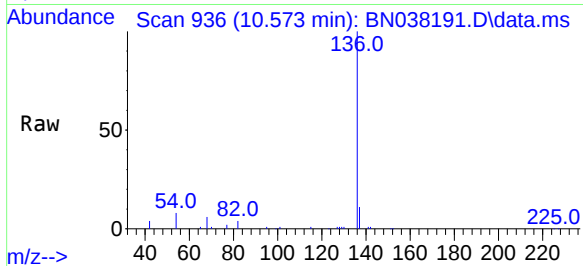




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

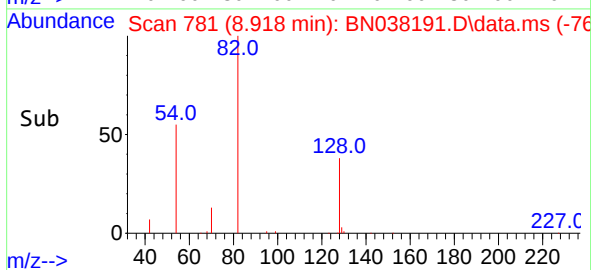
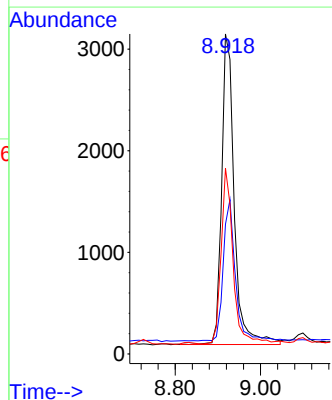
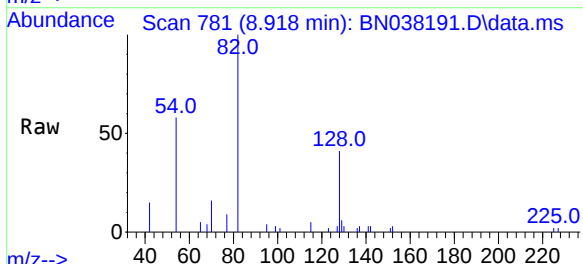
Instrument :
BNA_N
ClientSampleId :
SW-2

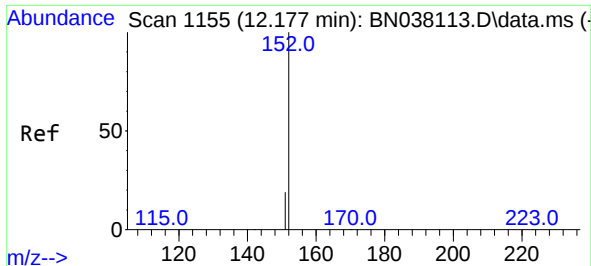
Tgt Ion:	136	Resp:	27838
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.6	5.2	7.8
68	5.7	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:	82	Resp:	6280
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.1	51.1
54	58.1	43.5	65.3

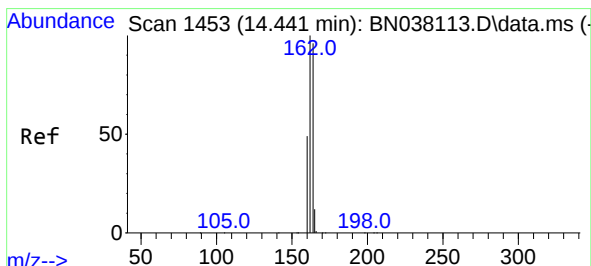
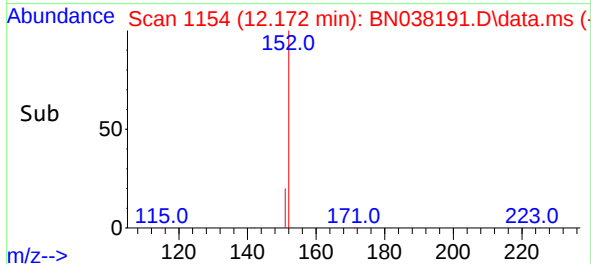
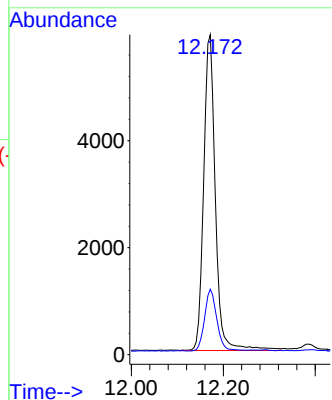
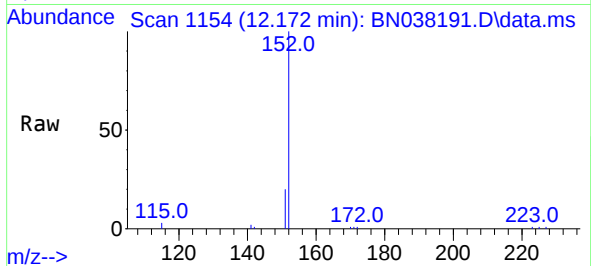




#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.172 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

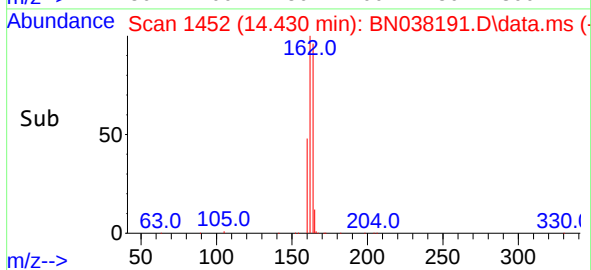
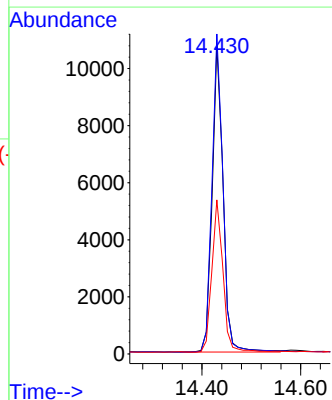
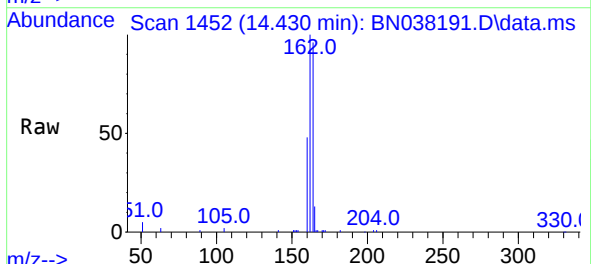
Instrument :
BNA_N
ClientSampleId :
SW-2

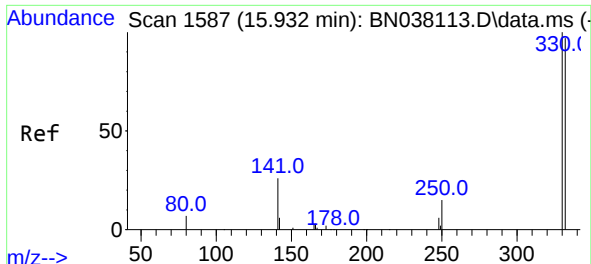
Tgt Ion:152 Resp: 10441
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:164 Resp: 16503
Ion Ratio Lower Upper
164 100
162 103.7 83.0 124.4
160 49.9 40.7 61.1

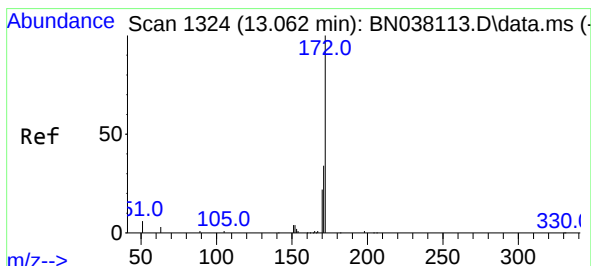
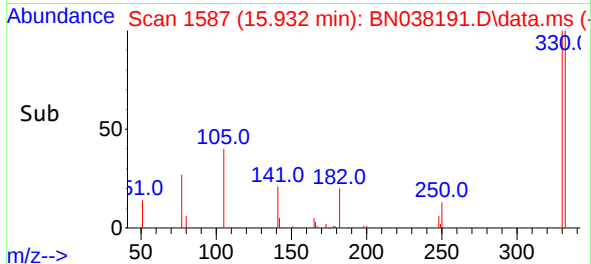
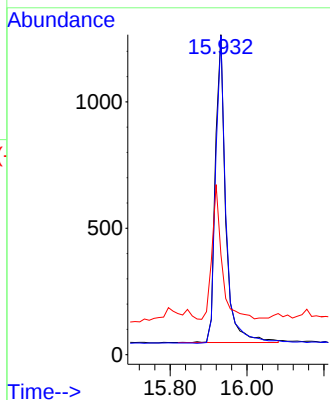
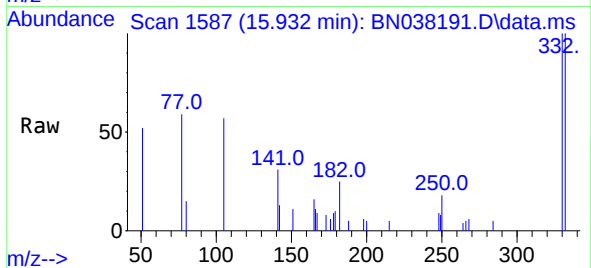




#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

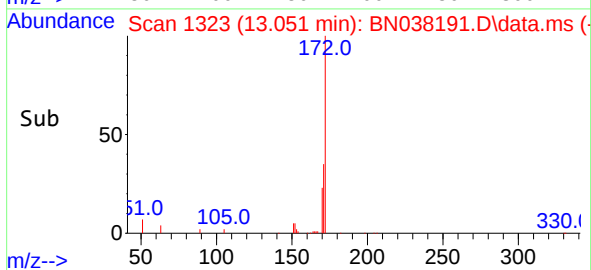
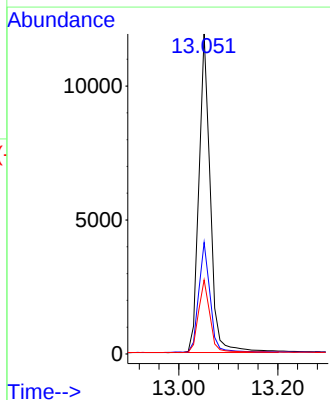
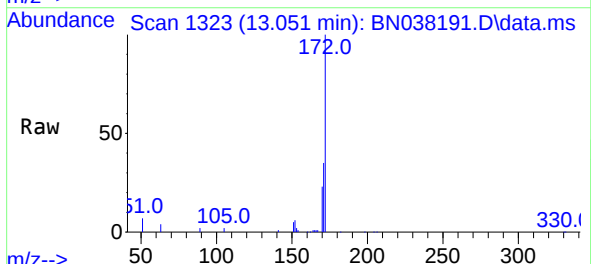
Instrument :
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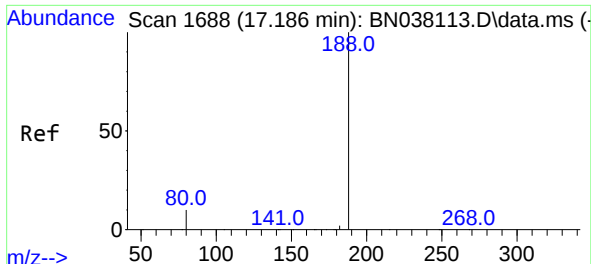
Tgt Ion:330 Resp: 2265
Ion Ratio Lower Upper
330 100
332 99.6 76.6 114.8
141 41.8 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:172 Resp: 18090
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.1 18.1 27.1

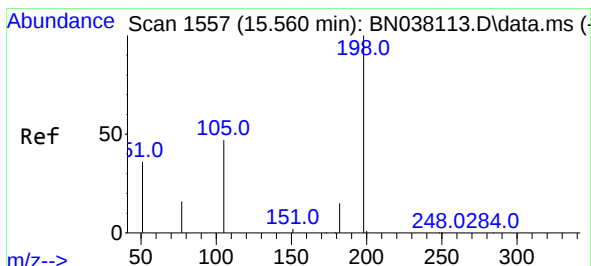
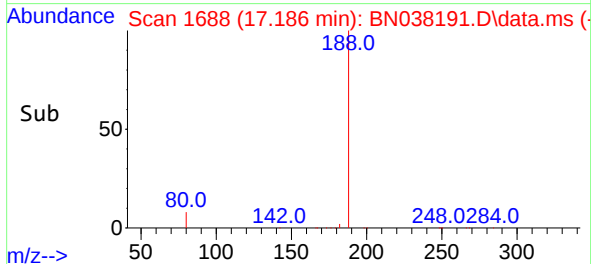
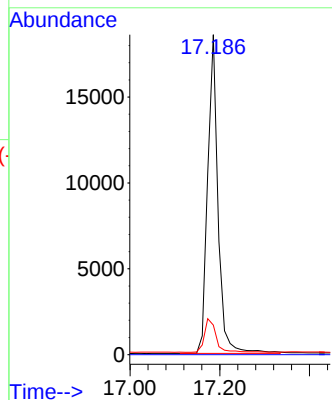
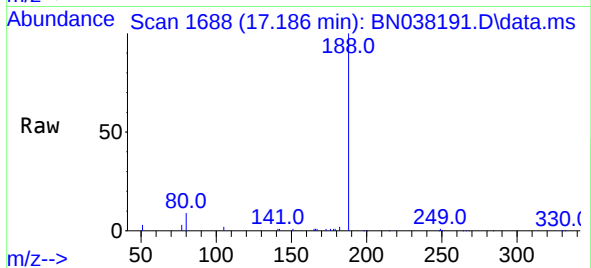




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

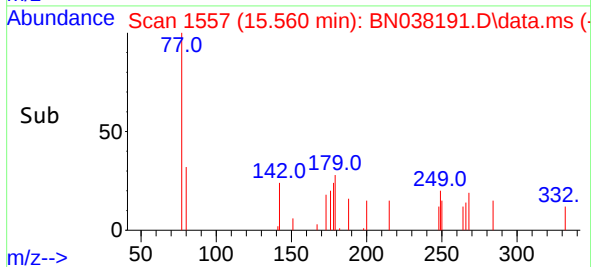
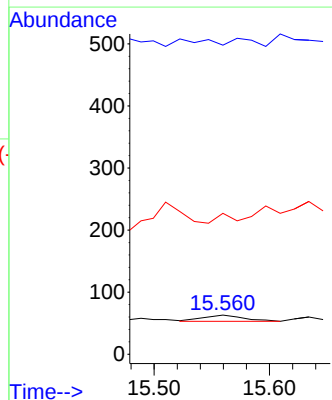
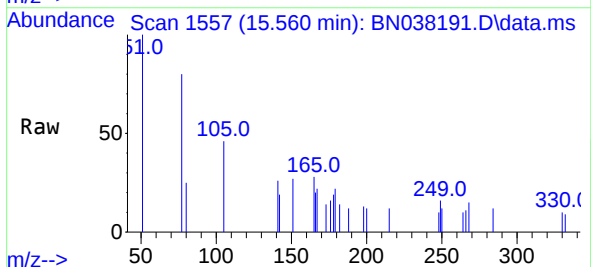
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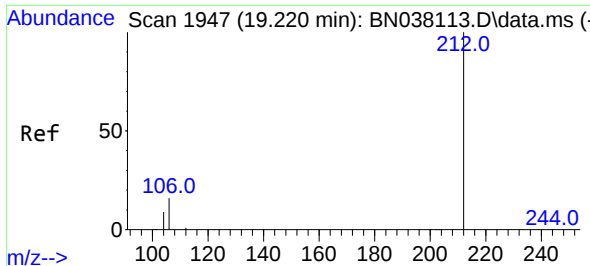
Tgt Ion:188 Resp: 29773
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 8.6 13.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.188 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:198 Resp: 25
Ion Ratio Lower Upper
198 100
51 790.5 88.9 133.3#
105 360.3 49.2 73.8#

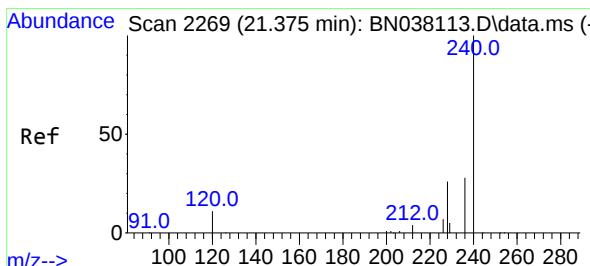
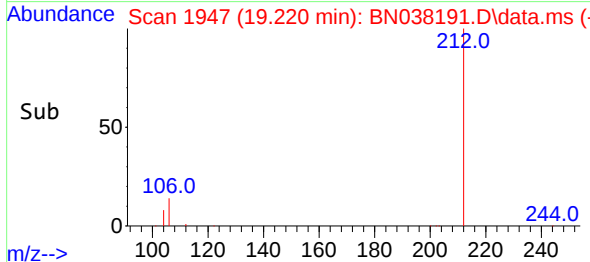
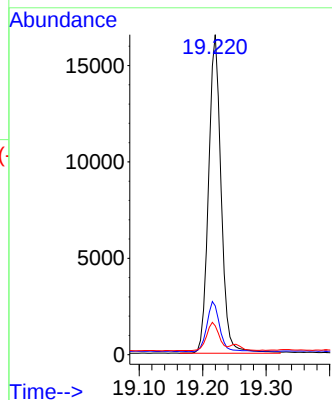
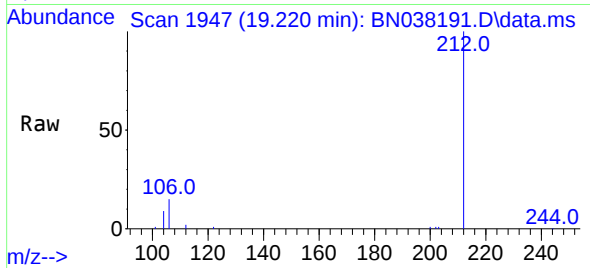




#27
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

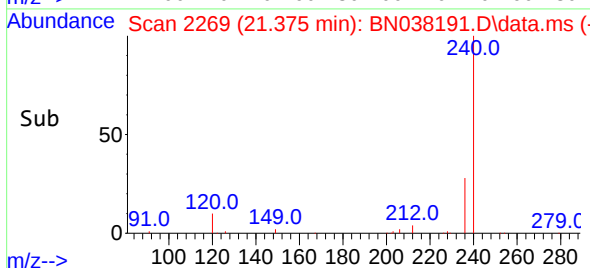
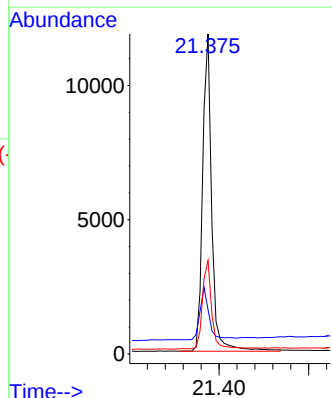
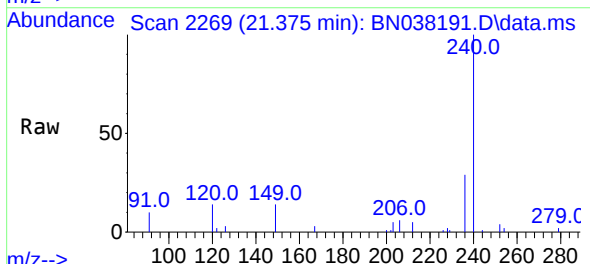
Instrument :
BNA_N
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SW-2

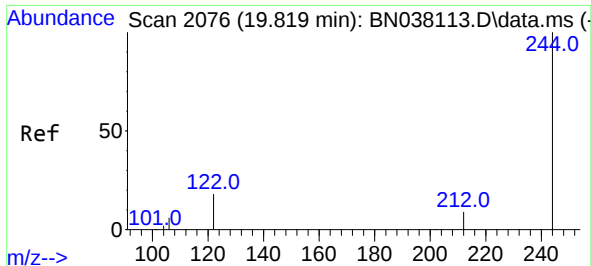
Tgt Ion:212 Resp: 22656
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 8.9 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:240 Resp: 16736
Ion Ratio Lower Upper
240 100
120 13.8 10.7 16.1
236 29.2 23.1 34.7

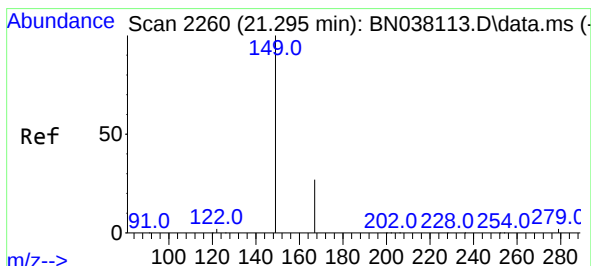
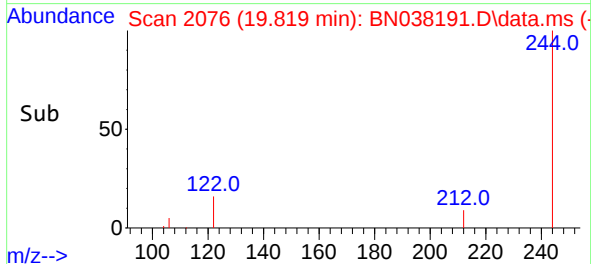
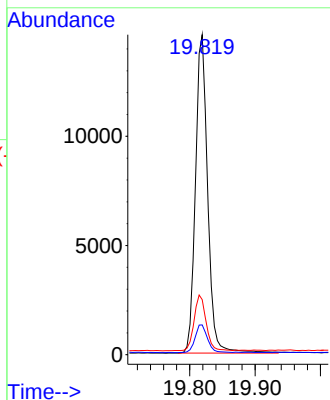
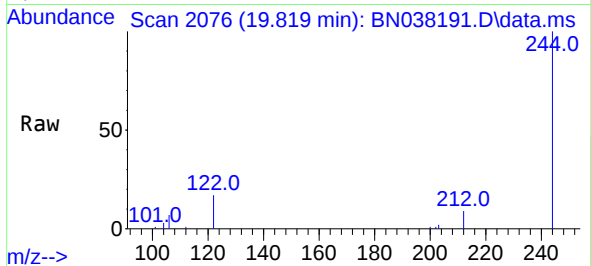




#31
 Terphenyl-d14
 Concen: 0.521 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BN038191.D
 Acq: 12 Nov 2025 14:21

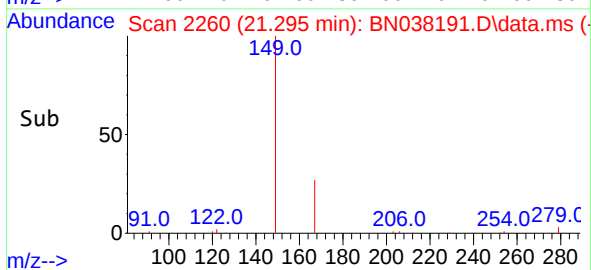
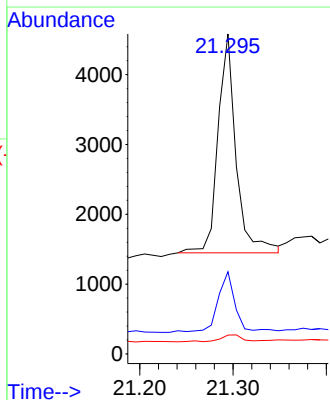
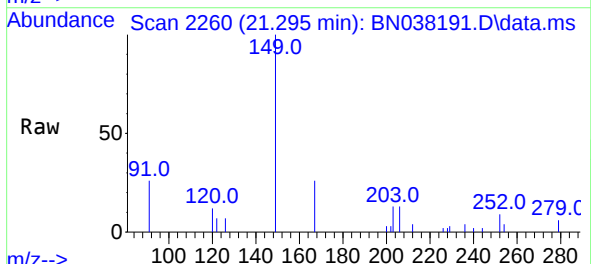
Instrument :
 BNA_N
 ClientSampleId :
 SW-2

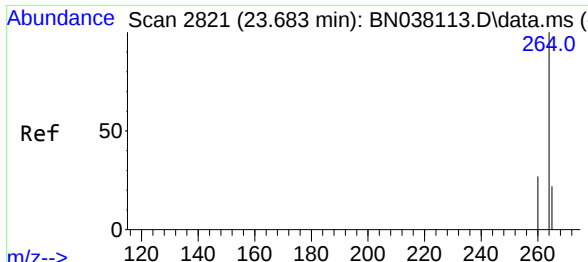
Tgt Ion:244	Resp:	18926
Ion Ratio	Lower	Upper
244	100	
212	9.3	7.8 11.6
122	17.2	15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.134 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BN038191.D
 Acq: 12 Nov 2025 14:21

Tgt Ion:149	Resp:	4214
Ion Ratio	Lower	Upper
149	100	
167	25.1	21.1 31.7
279	3.8	2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.683 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN038191.D
 Acq: 12 Nov 2025 14:21

Instrument :
 BNA_N
 ClientSampleId :
 SW-2

Tgt Ion:	264	Resp:	15603
Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	105.8	68.6	102.8

