

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
 Data File : BN038139.D
 Acq On : 04 Nov 2025 16:34
 Operator : RC/JU
 Sample : Q3526-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 16:59:16 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

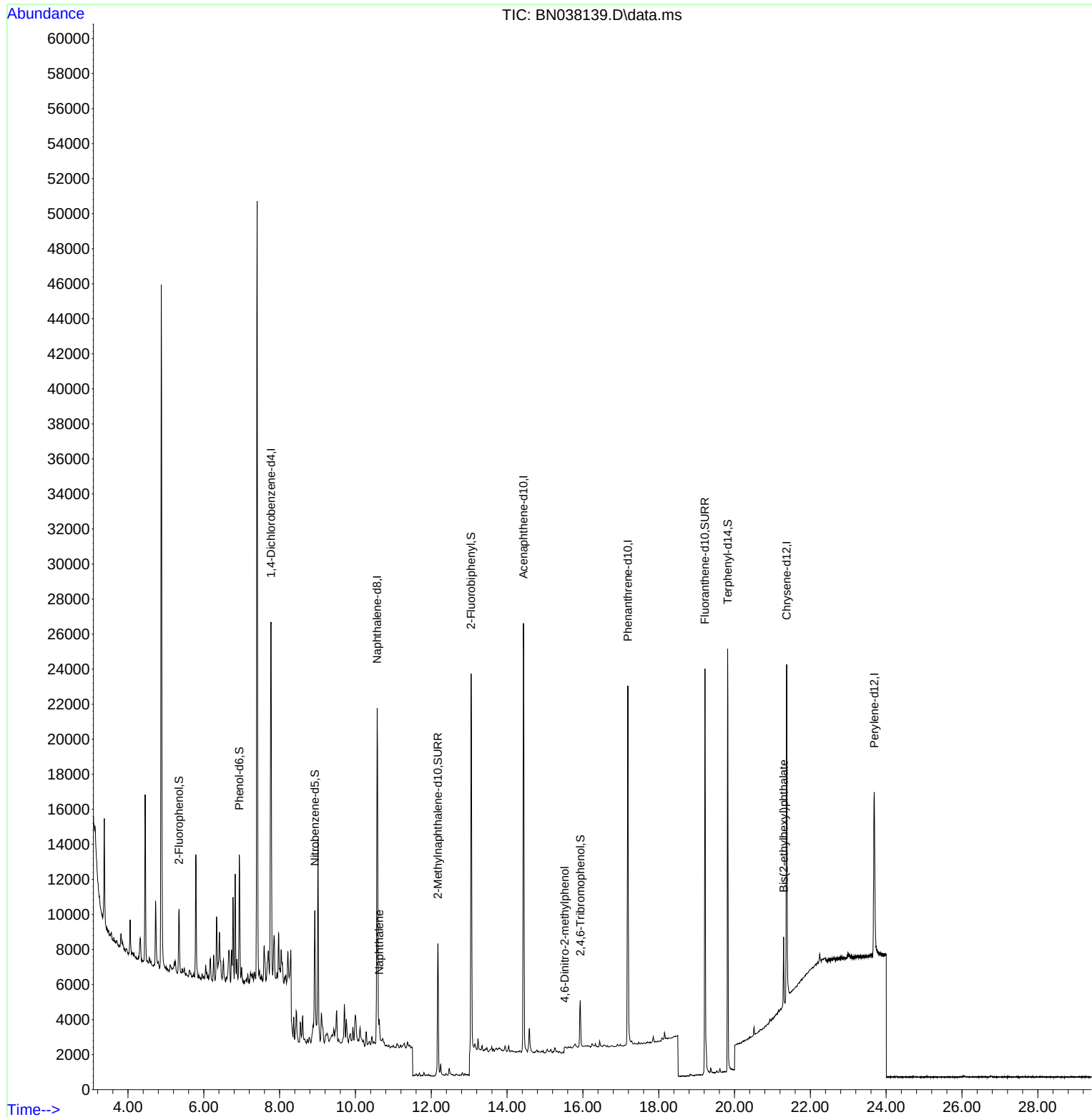
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

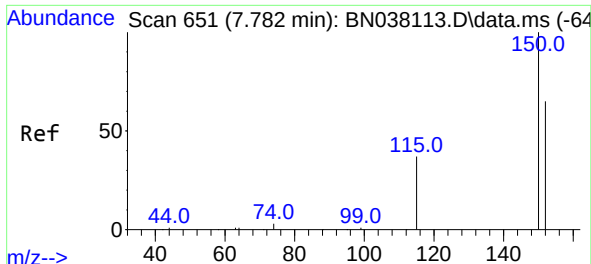
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8635	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25969	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15192	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	28331	0.400	ng	0.00
29) Chrysene-d12	21.375	240	19063	0.400	ng	0.00
35) Perylene-d12	23.686	264	14967	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2921	0.144	ng	0.00
5) Phenol-d6	6.937	99	2056	0.083	ng	0.00
8) Nitrobenzene-d5	8.929	82	6392	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	11234	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1744	0.279	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18738	0.308	ng	0.00
27) Fluoranthene-d10	19.220	212	26931	0.377	ng	0.00
31) Terphenyl-d14	19.819	244	23204	0.560	ng	0.00
Target Compounds						
9) Naphthalene	10.626	128	1557	0.022	ng	# 76
20) 4,6-Dinitro-2-methylph...	15.522	198	3	0.184	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	3536	0.099	ng	# 99

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

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ALS Vial : 11 Sample Multiplier: 1

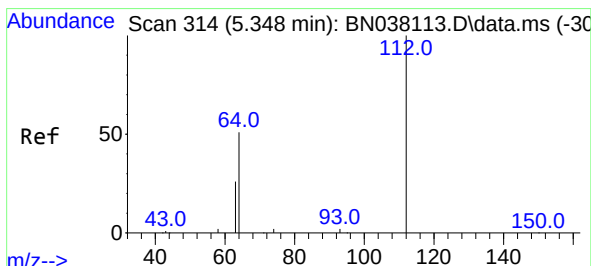
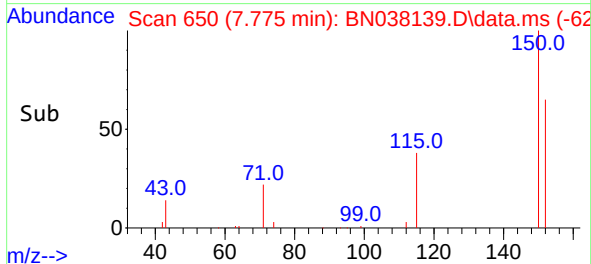
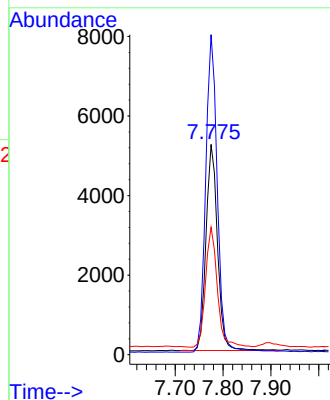
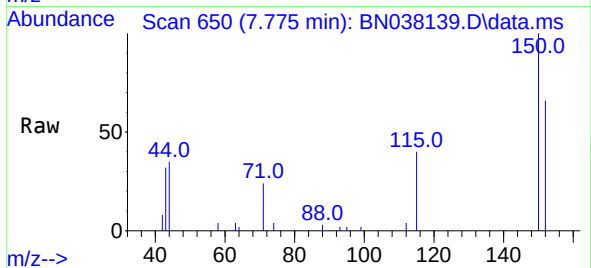
Quant Time: Nov 04 16:59:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
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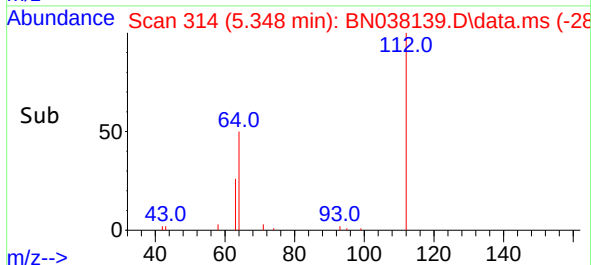
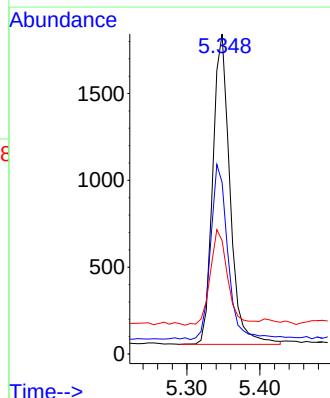
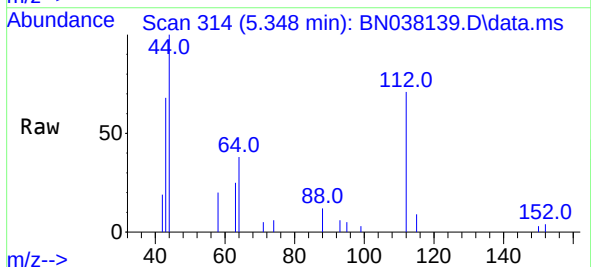
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 650
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

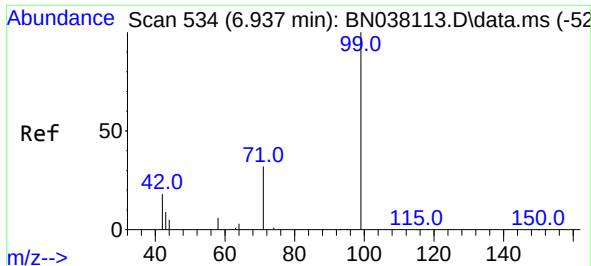
Tgt Ion:152 Resp: 8635
Ion Ratio Lower Upper
152 100
150 152.2 122.3 183.5
115 60.6 47.4 71.0



#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

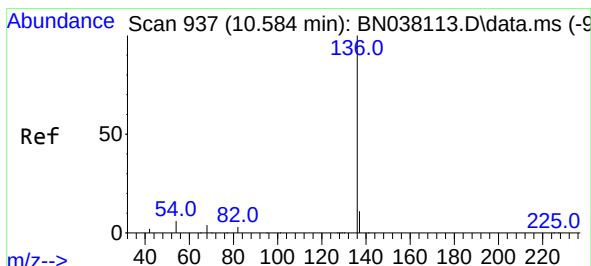
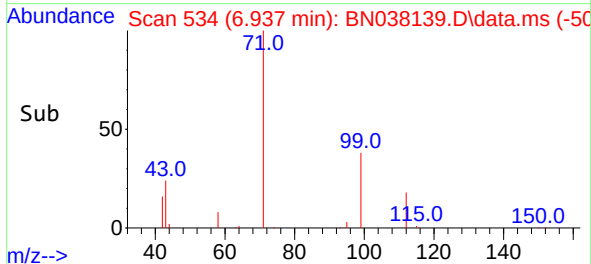
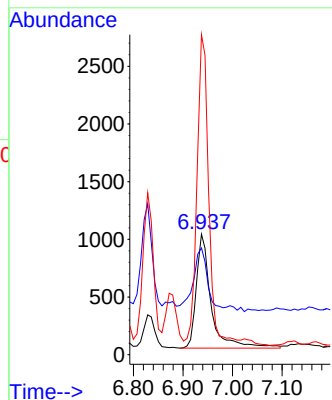
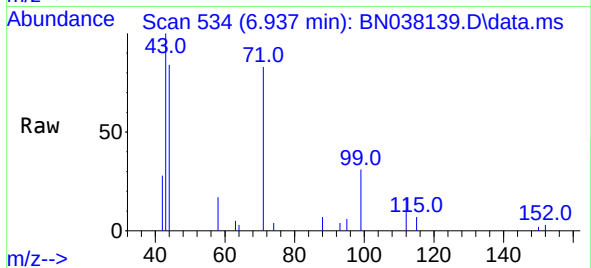
Tgt Ion:112 Resp: 2921
Ion Ratio Lower Upper
112 100
64 57.8 45.4 68.0
63 31.5 23.2 34.8





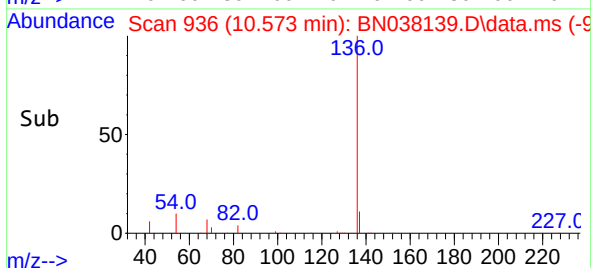
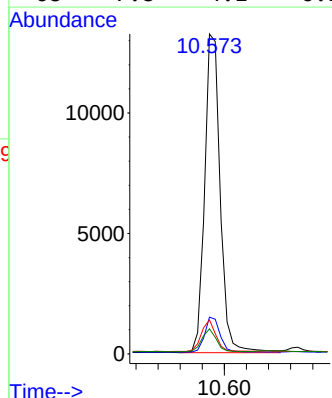
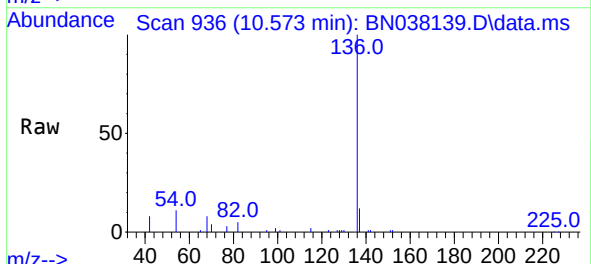
#5
Phenol-d6
Concen: 0.083 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

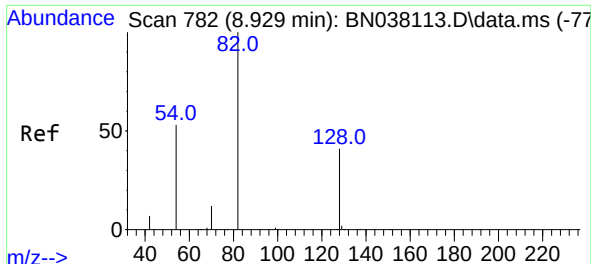
Tgt Ion:	99	Resp:	2056
Ion	Ratio	Lower	Upper
99	100		
42	45.8	16.6	24.8#
71	203.1	25.4	38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

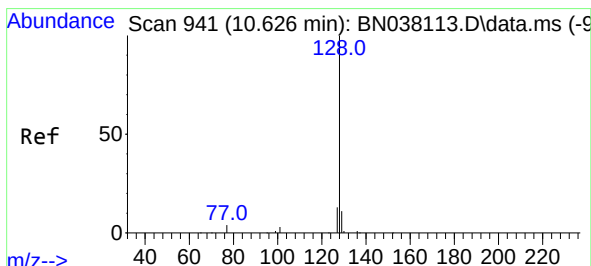
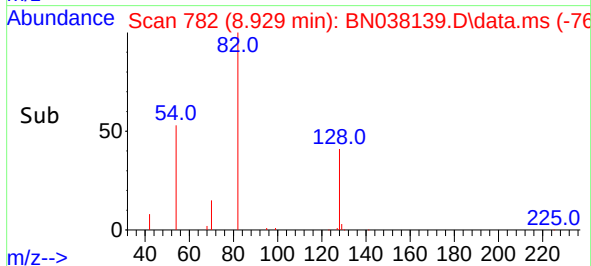
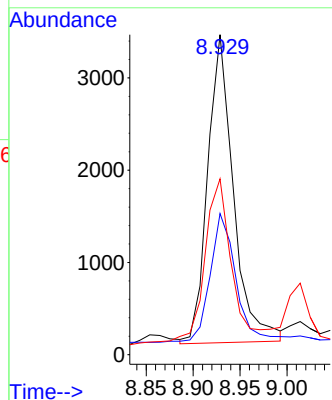
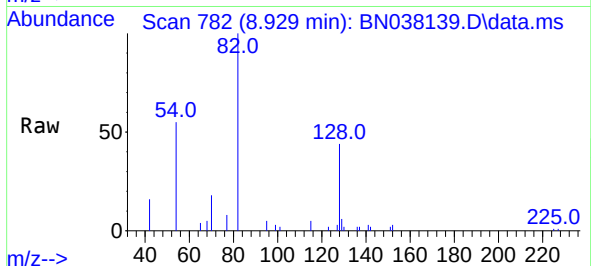
Tgt Ion:	136	Resp:	25969
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	10.6	5.2	7.8#
68	7.8	4.1	6.1#





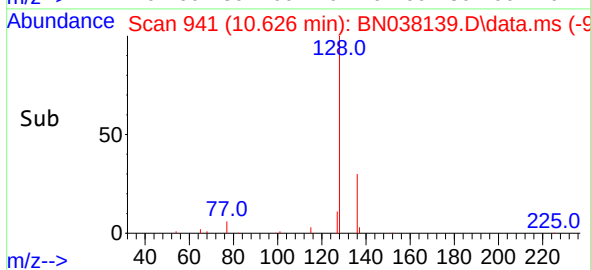
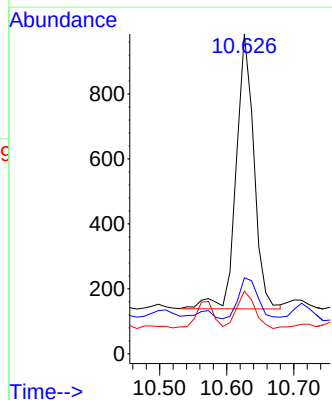
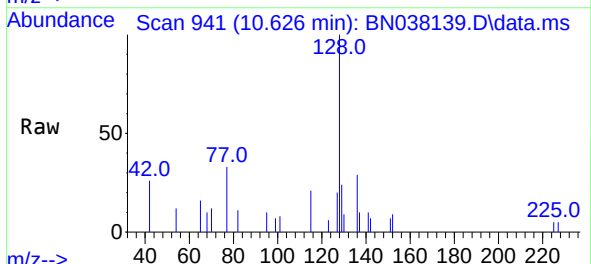
#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

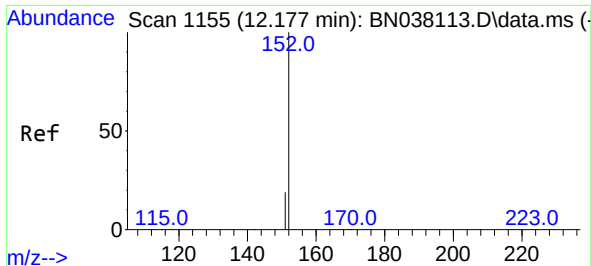
Tgt Ion: 82 Resp: 6392
Ion Ratio Lower Upper
82 100
128 44.1 34.1 51.1
54 55.0 43.5 65.3



#9
Naphthalene
Concen: 0.022 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

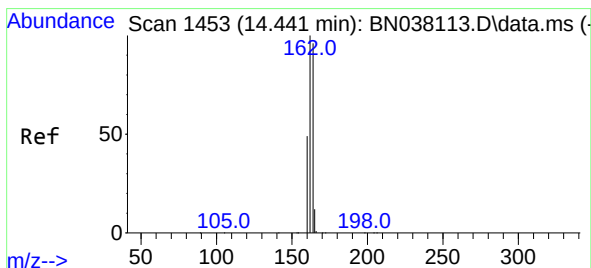
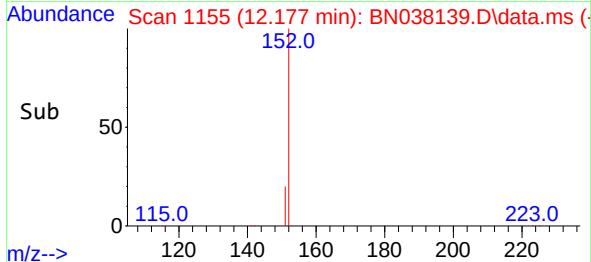
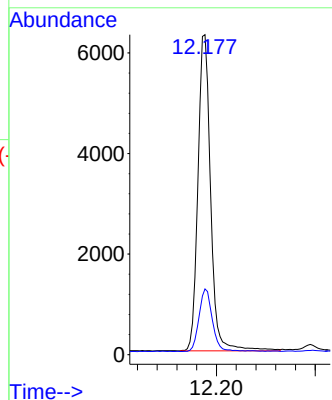
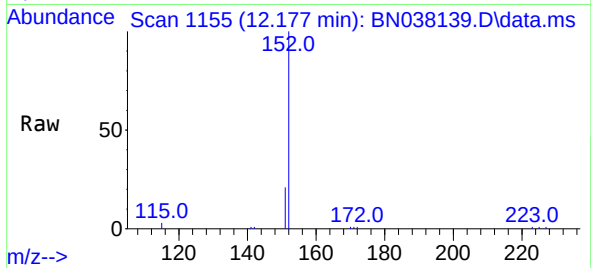
Tgt Ion: 128 Resp: 1557
Ion Ratio Lower Upper
128 100
129 23.8 9.1 13.7#
127 19.6 10.5 15.7#





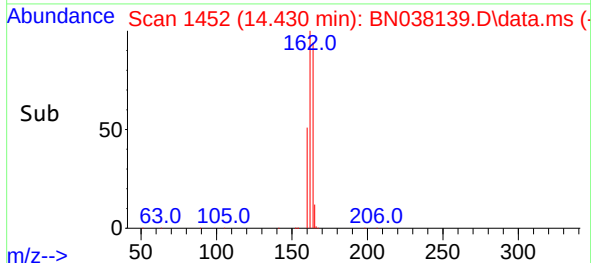
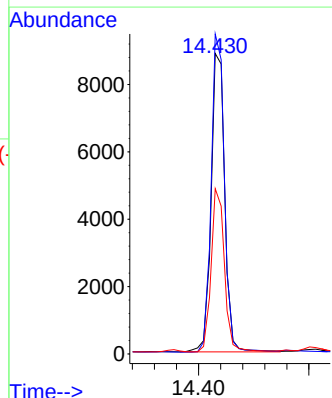
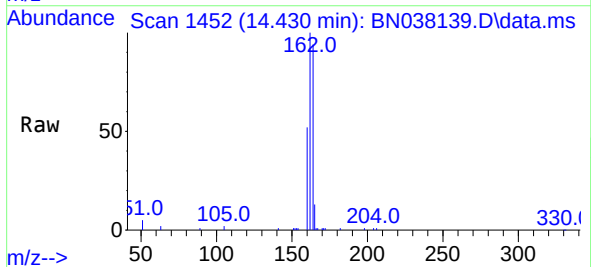
#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

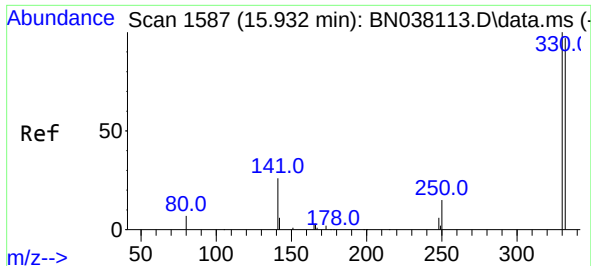
Tgt Ion:152 Resp: 11234
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

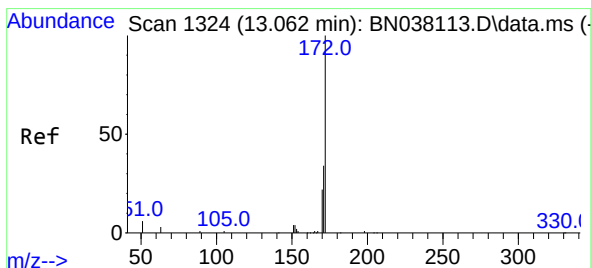
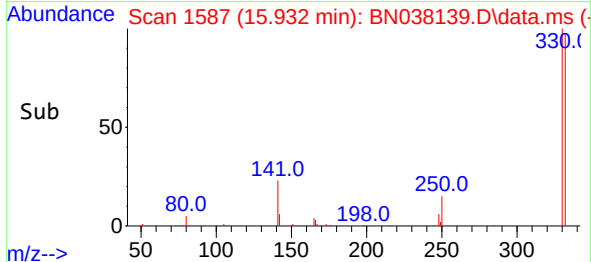
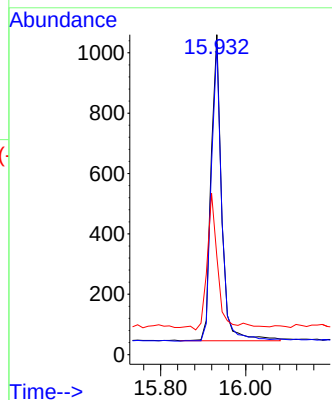
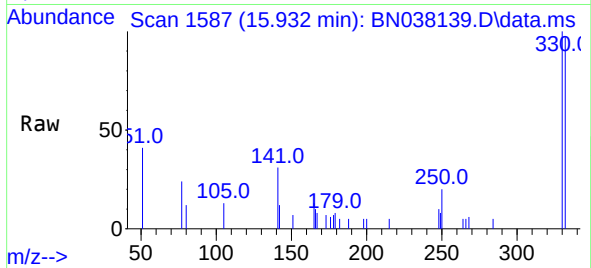
Tgt Ion:164 Resp: 15192
Ion Ratio Lower Upper
164 100
162 106.5 83.0 124.4
160 55.0 40.7 61.1





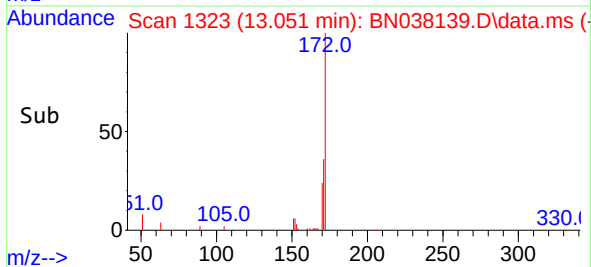
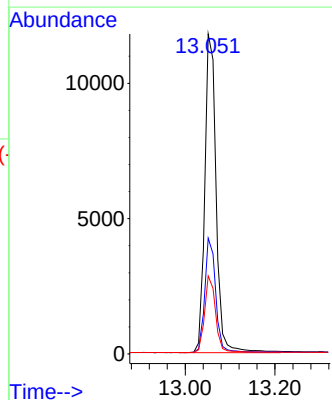
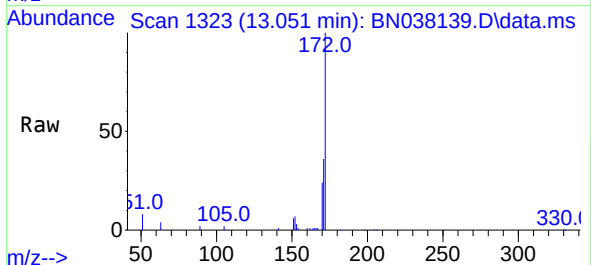
#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

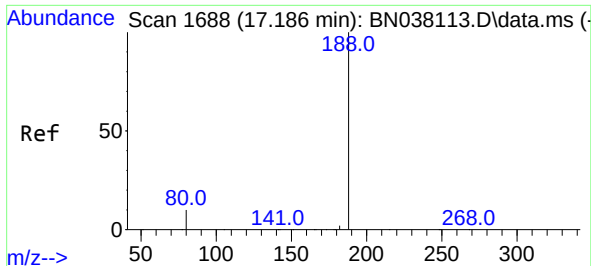
Tgt Ion:	330	Resp:	1744
Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	43.8	34.1	51.1



#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

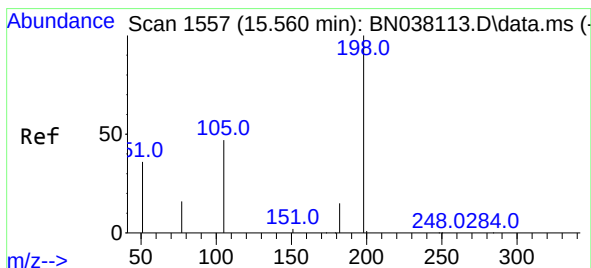
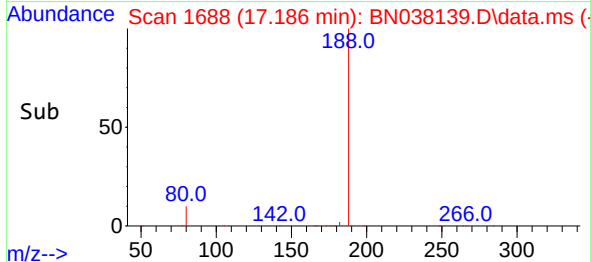
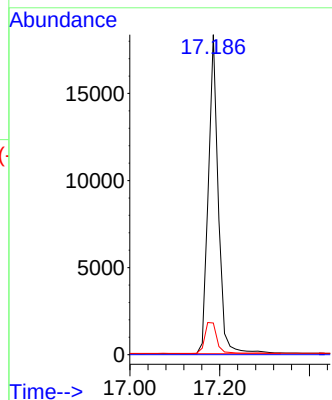
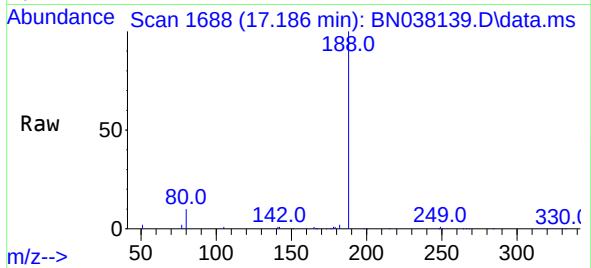
Tgt Ion:	172	Resp:	18738
Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.8	41.6
170	24.4	18.1	27.1





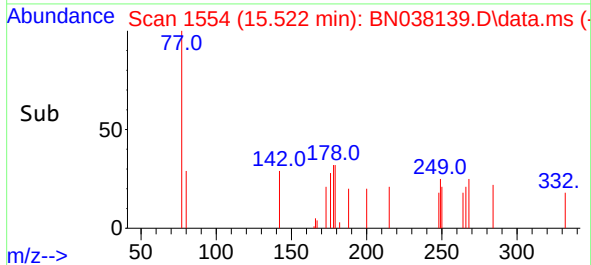
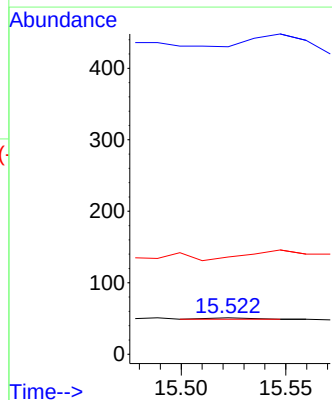
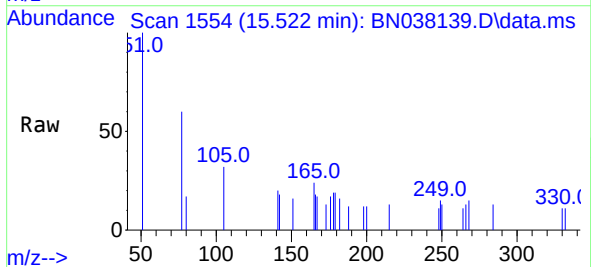
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

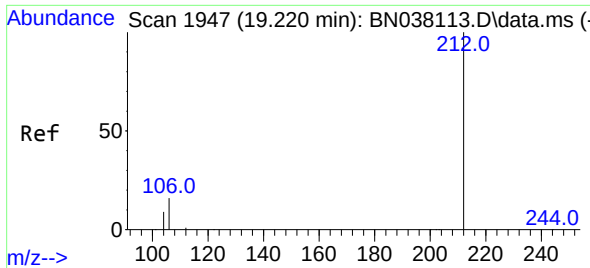
Tgt Ion:188	Resp:	28331
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.9	8.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.184 ng
RT: 15.522 min Scan# 1554
Delta R.T. -0.038 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

Tgt Ion:198	Resp:	3
Ion Ratio	Lower	Upper
198	100	
51	843.1	88.9
105	266.7	49.2

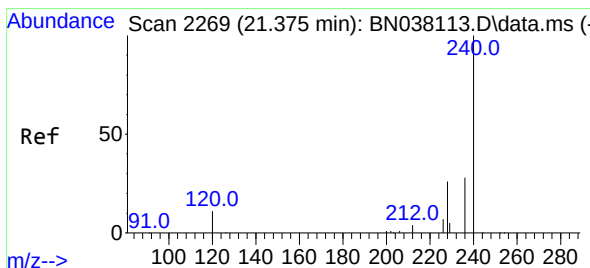
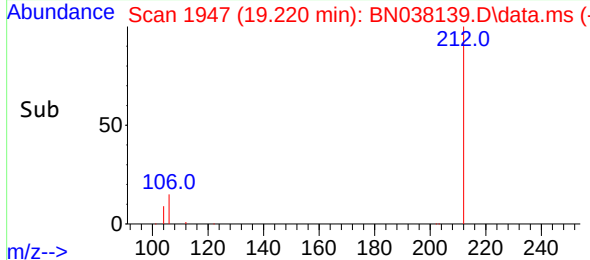
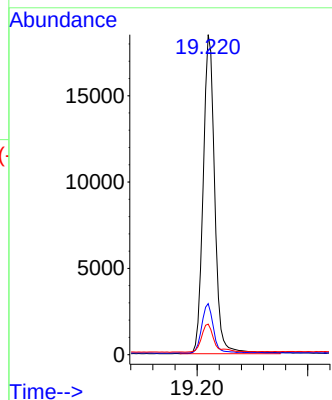
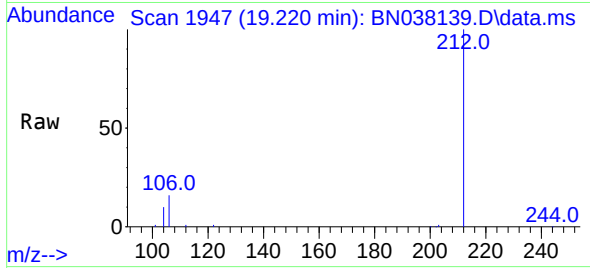




#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

Tgt Ion:212 Resp: 26931

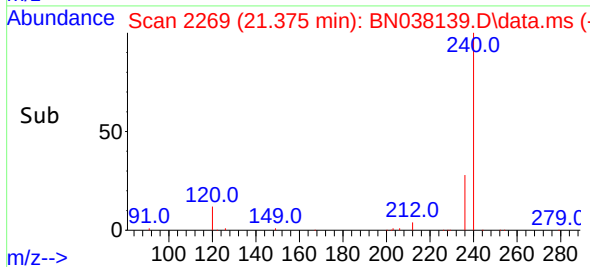
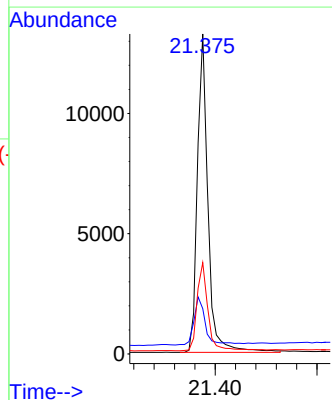
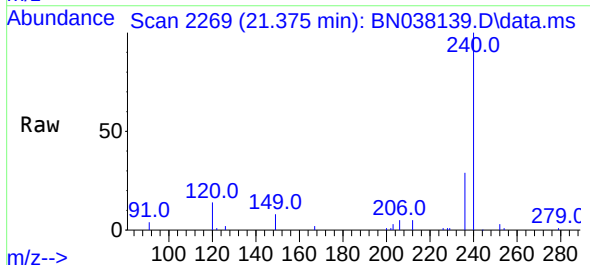
Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.6	19.0
104	9.7	7.1	10.7

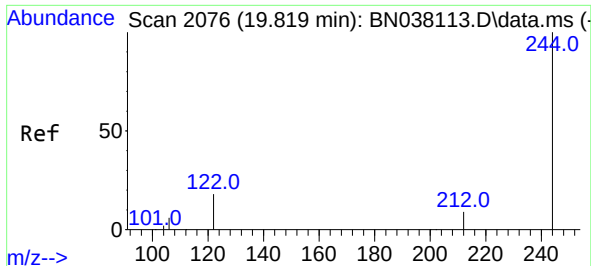


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

Tgt Ion:240 Resp: 19063

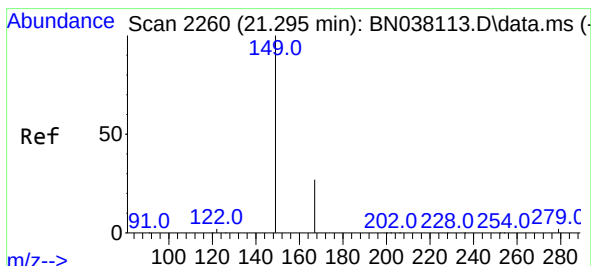
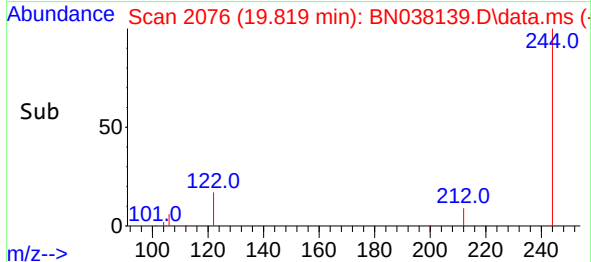
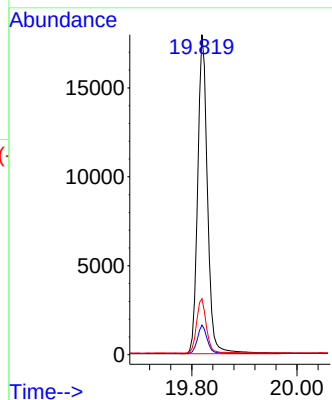
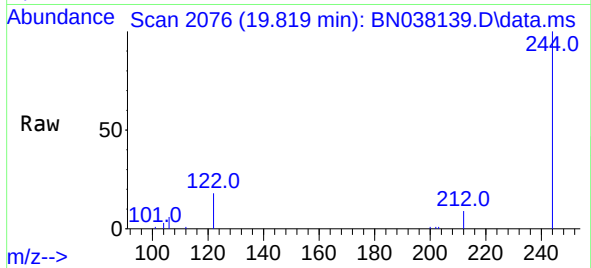
Ion	Ratio	Lower	Upper
240	100		
120	14.2	10.7	16.1
236	28.6	23.1	34.7





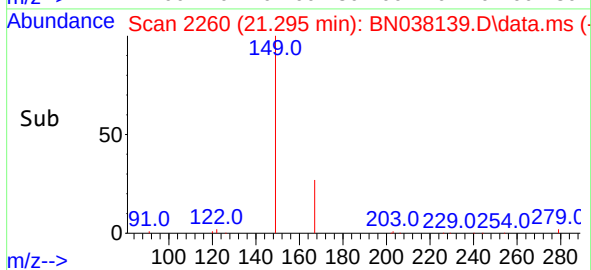
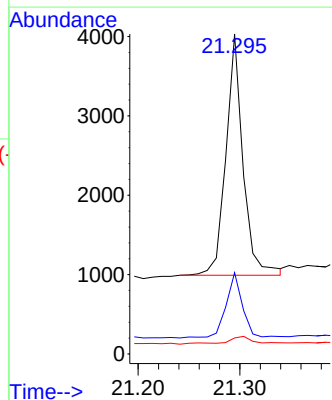
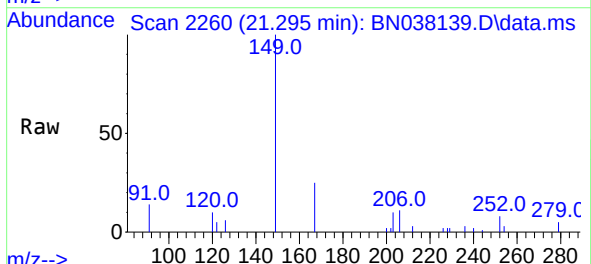
#31
Terphenyl-d14
Concen: 0.560 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

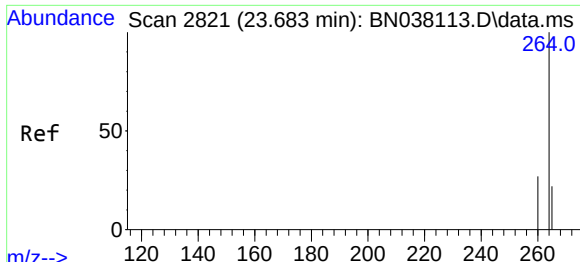
Tgt Ion:244 Resp: 23204
Ion Ratio Lower Upper
244 100
212 9.3 7.8 11.6
122 17.5 15.2 22.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.099 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

Tgt Ion:149 Resp: 3536
Ion Ratio Lower Upper
149 100
167 26.5 21.1 31.7
279 5.5 2.9 4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038139.D
Acq: 04 Nov 2025 16:34

Tgt Ion:	264	Resp:	14967
Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.8	32.8
265	96.7	68.6	102.8

