

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038320.D
 Acq On : 11 Dec 2025 16:39
 Operator : RC/JU
 Sample : Q3787-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-03B-51.5-120425

Quant Time: Dec 11 17:03:56 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)

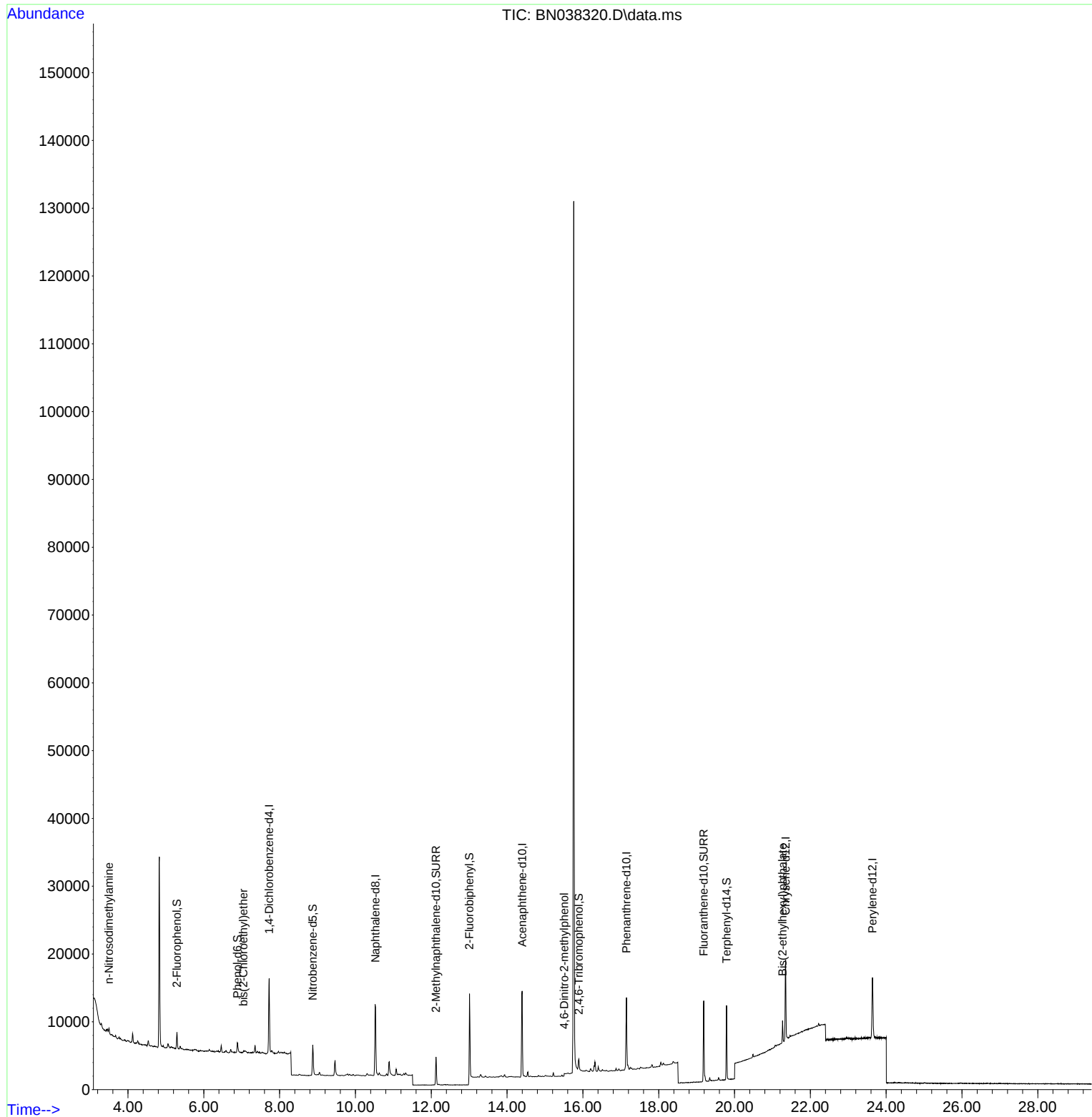
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5614	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	15321	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7828	0.400	ng	0.00
19) Phenanthrene-d10	17.149	188	14183	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	11560	0.400	ng	0.00
35) Perylene-d12	23.639	264	11904	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1925	0.138	ng	0.00
5) Phenol-d6	6.887	99	1479	0.089	ng	0.00
8) Nitrobenzene-d5	8.875	82	3931	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	5757	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1058	0.305	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	11010	0.292	ng	0.00
27) Fluoranthene-d10	19.188	212	12714	0.362	ng	0.00
31) Terphenyl-d14	19.791	244	10304	0.399	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.499	42	194	0.024	ng	# 1
6) bis(2-Chloroethyl)ether	7.045	93	729	0.045	ng	# 27
20) 4,6-Dinitro-2-methylph...	15.510	198	56	0.024	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.268	149	2991	0.122	ng	# 99

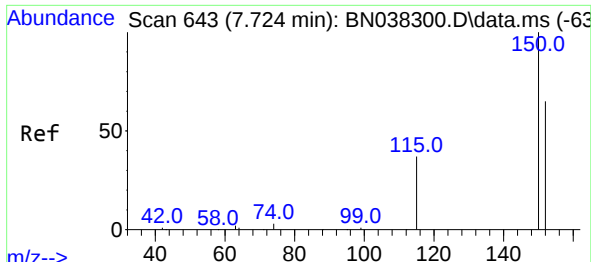
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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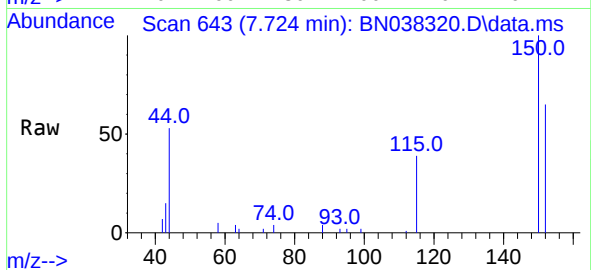
Quant Time: Dec 11 17:03:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
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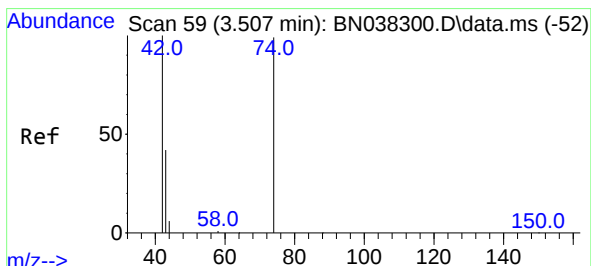
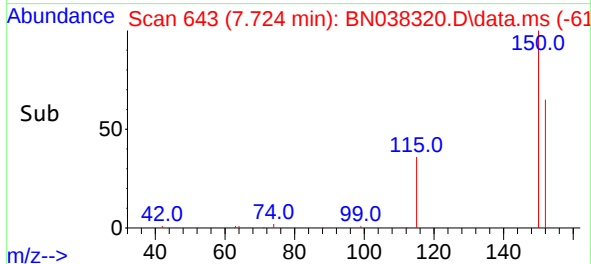
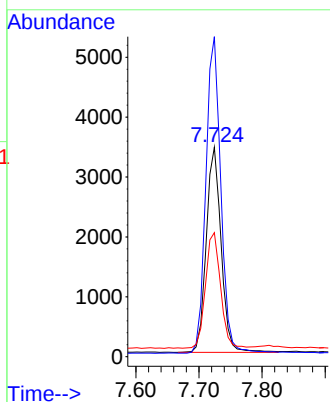
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038320.D
 Acq: 11 Dec 2025 16:39

Instrument :
 BNA_N
 ClientSampleId :
 OW-03B-51.5-120425



Tgt Ion: 152 Resp: 5614

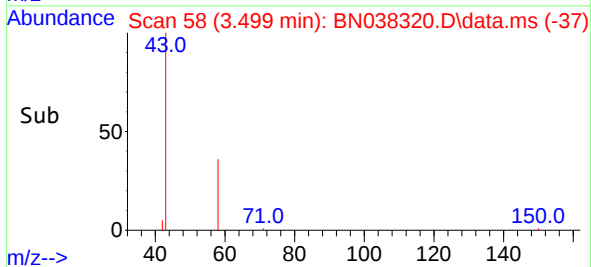
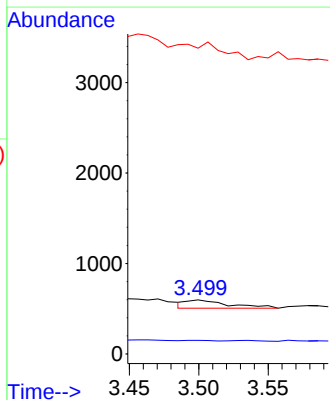
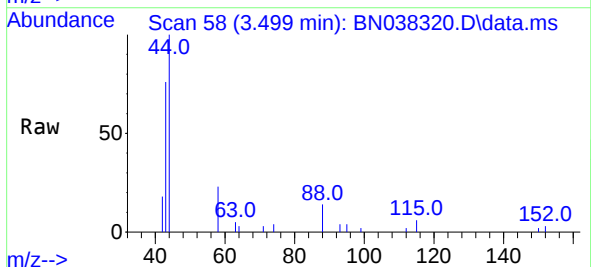
Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.4	183.6
115	59.3	47.3	70.9

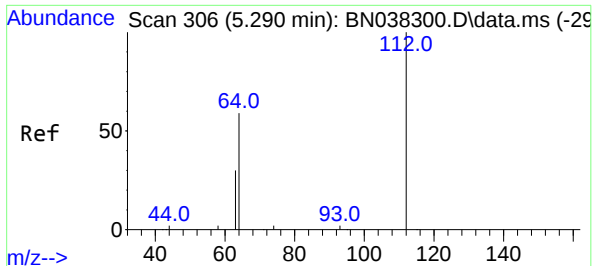


#3
 n-Nitrosodimethylamine
 Concen: 0.024 ng
 RT: 3.499 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BN038320.D
 Acq: 11 Dec 2025 16:39

Tgt Ion: 42 Resp: 194

Ion	Ratio	Lower	Upper
42	100		
74	0.0	95.3	142.9#
44	0.0	7.9	11.9#

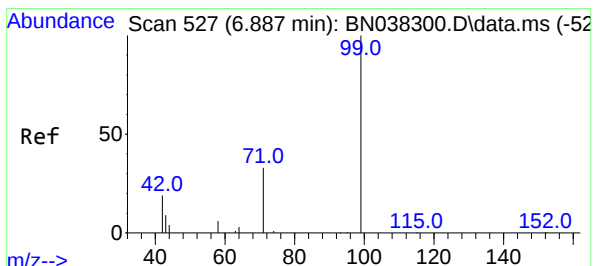
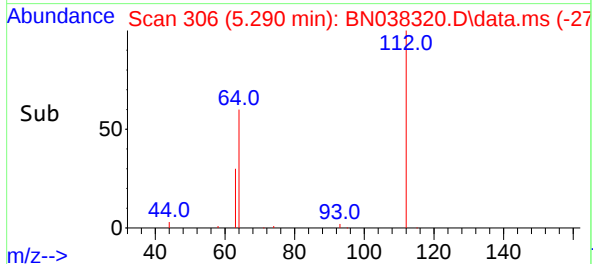
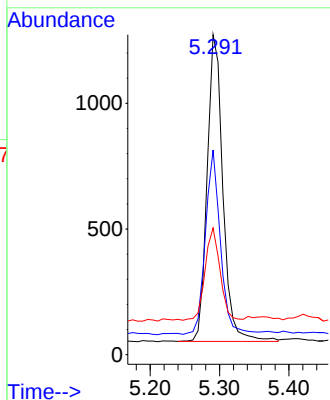
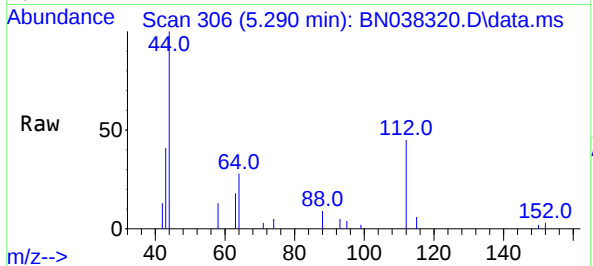




#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

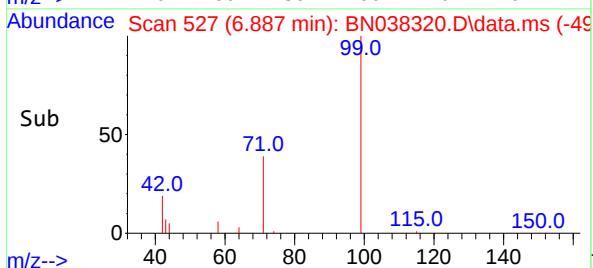
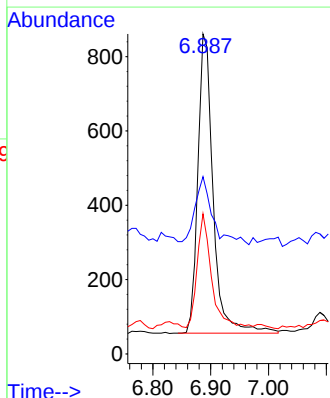
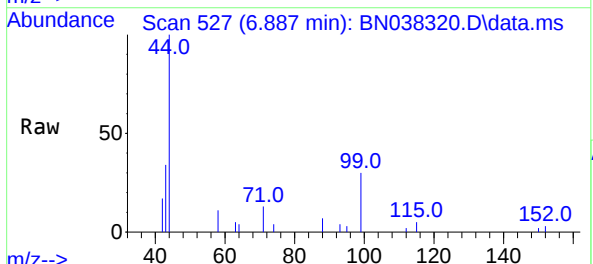
Instrument :
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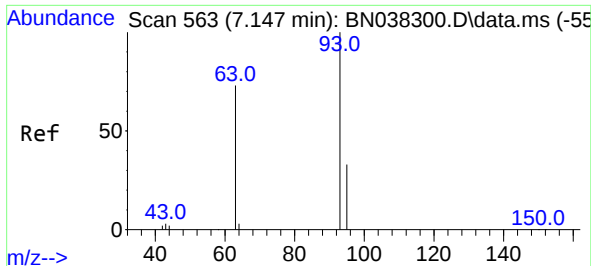
Tgt Ion:112 Resp: 1925
Ion Ratio Lower Upper
112 100
64 57.0 44.4 66.6
63 30.0 23.4 35.0



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

Tgt Ion: 99 Resp: 1479
Ion Ratio Lower Upper
99 100
42 26.2 16.5 24.7#
71 36.6 24.9 37.3

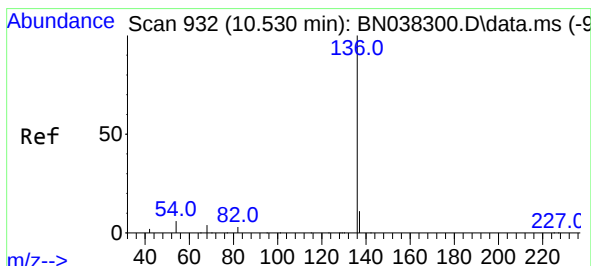
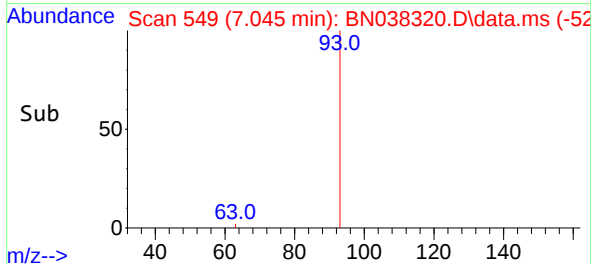
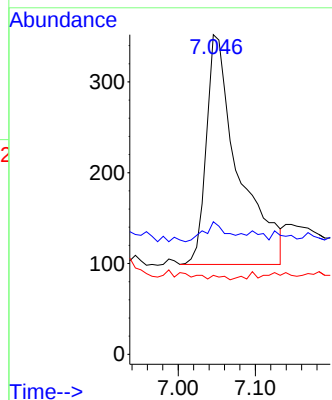
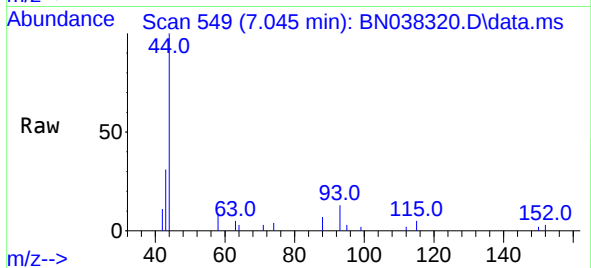




#6
bis(2-Chloroethyl)ether
Concen: 0.045 ng
RT: 7.045 min Scan# 54
Delta R.T. -0.101 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

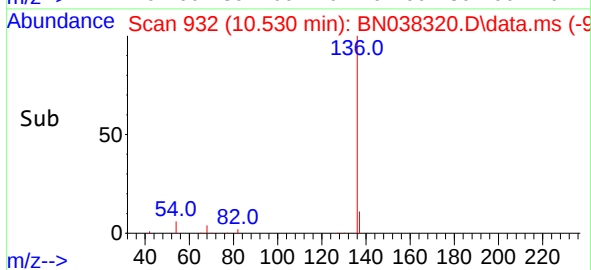
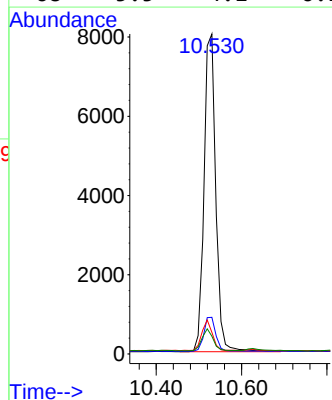
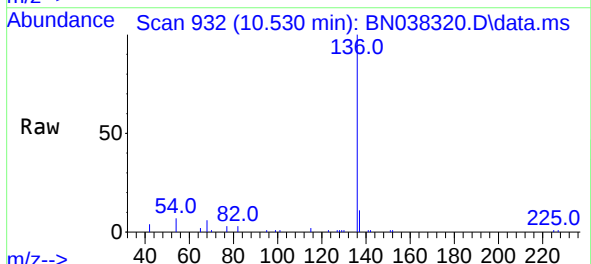
Instrument :
BNA_N
ClientSampleId :
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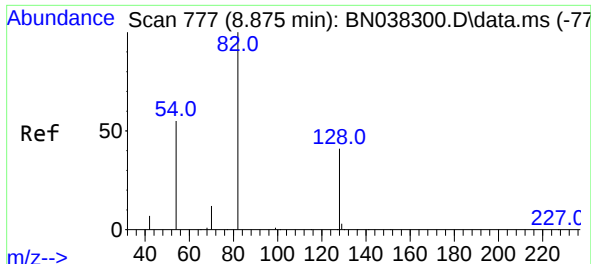
Tgt Ion: 93 Resp: 729
Ion Ratio Lower Upper
93 100
63 5.6 59.2 88.8#
95 0.7 25.2 37.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

Tgt Ion:136 Resp: 15321
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 6.8 5.2 7.8
68 5.5 4.1 6.1

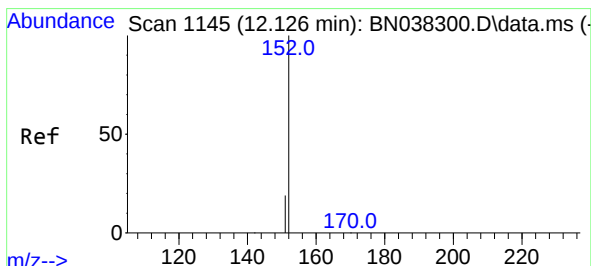
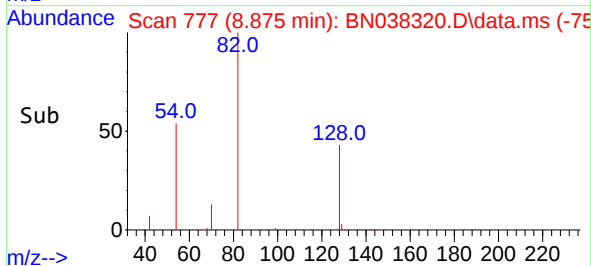
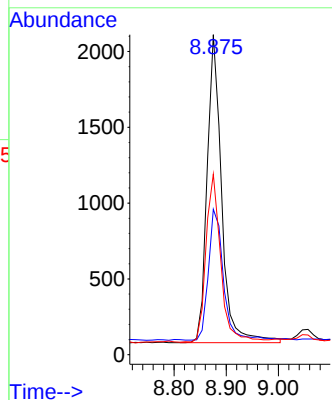
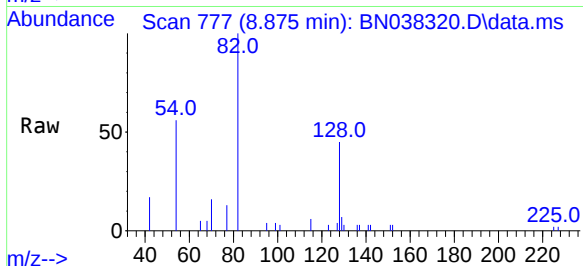




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

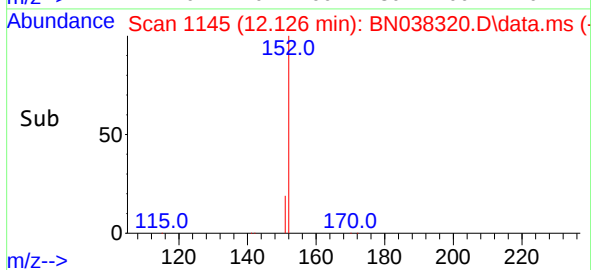
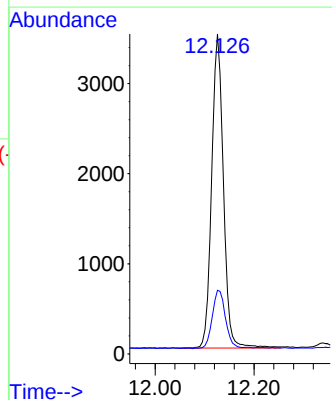
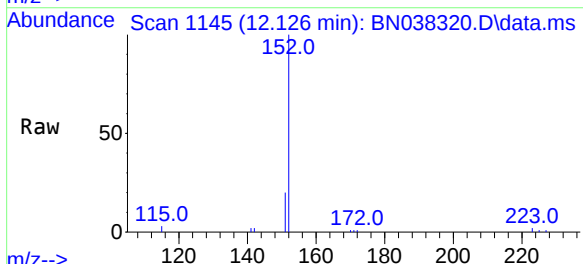
Instrument :
BNA_N
ClientSampleId :
OW-03B-51.5-120425

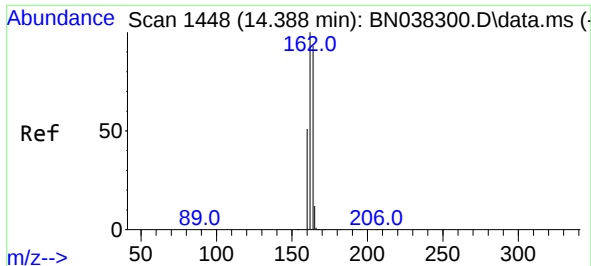
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	56.4	44.4	66.6



#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6

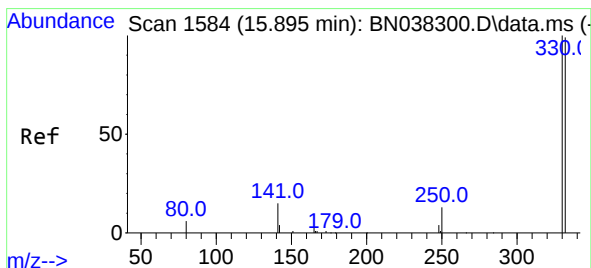
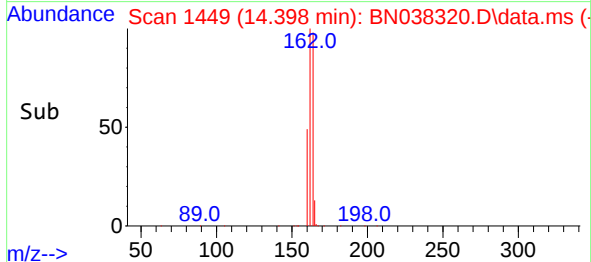
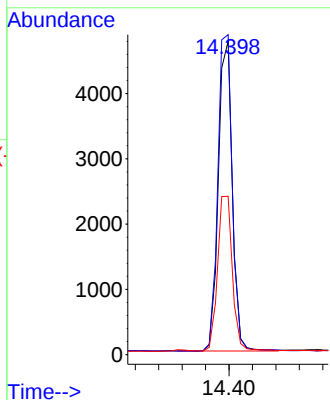
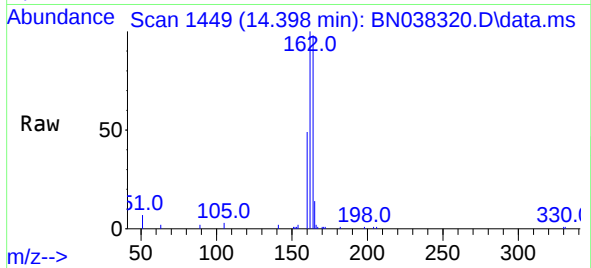




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

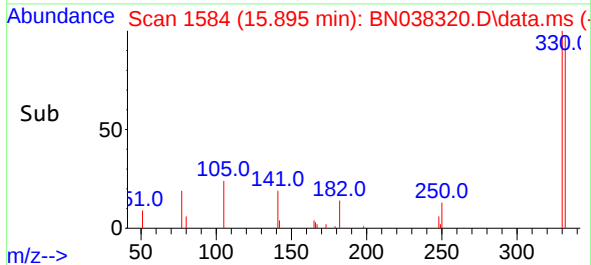
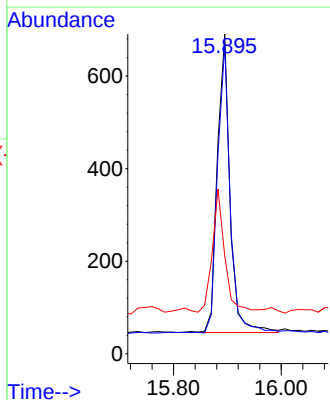
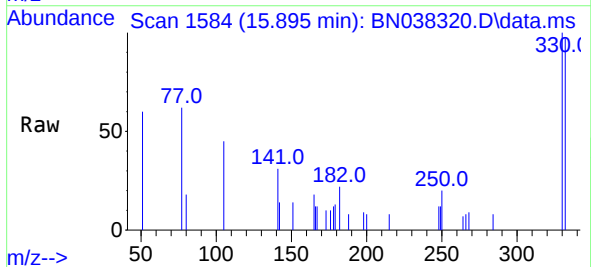
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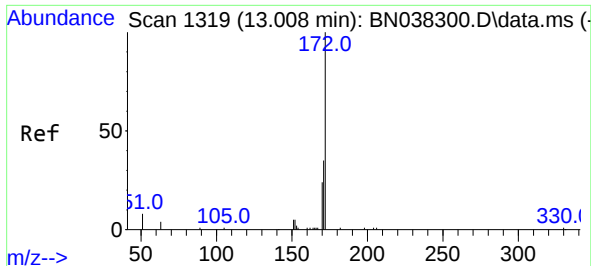
Tgt Ion:164 Resp: 7828
Ion Ratio Lower Upper
164 100
162 102.1 86.2 129.4
160 50.5 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

Tgt Ion:330 Resp: 1058
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 40.5 31.8 47.8

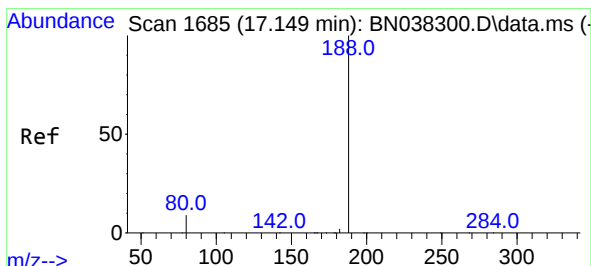
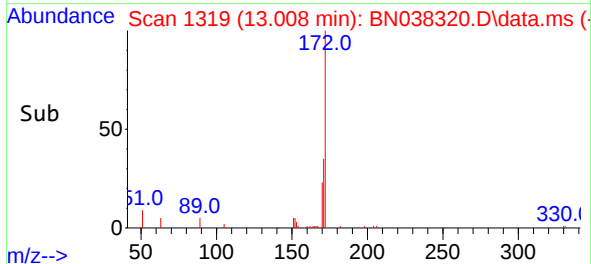
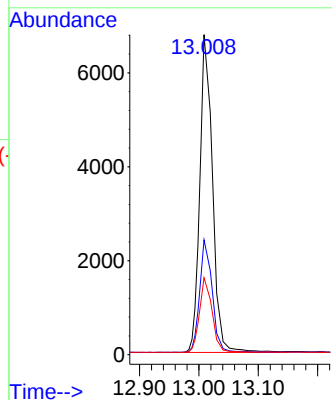
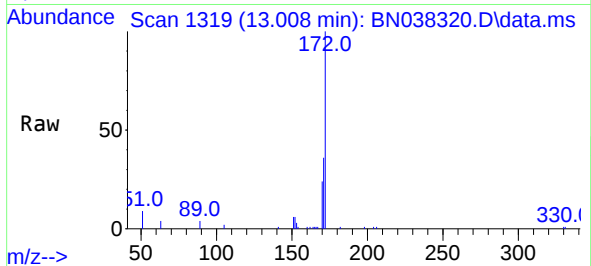




#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

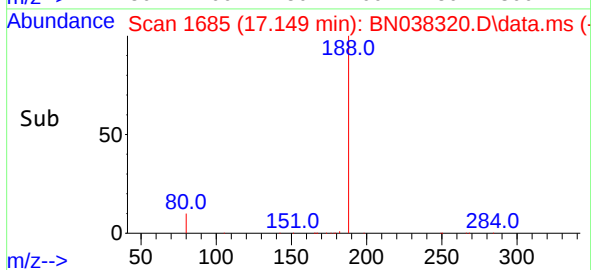
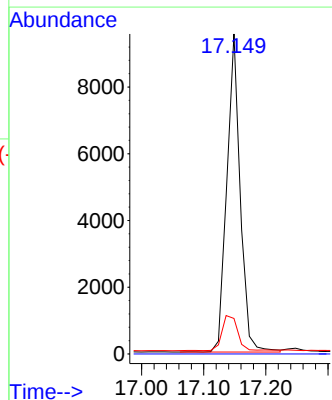
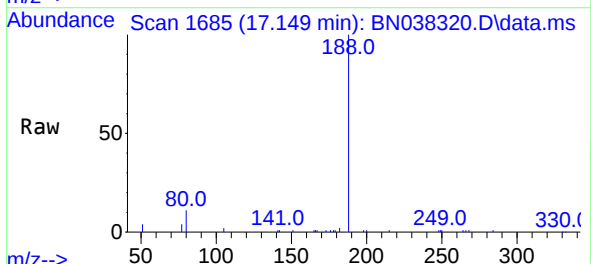
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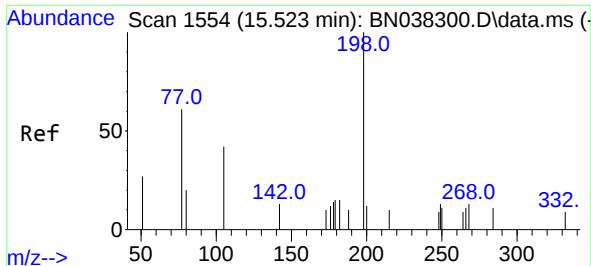
Tgt Ion:	172	Resp:	11010
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.1	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

Tgt Ion:	188	Resp:	14183
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	7.4	11.0

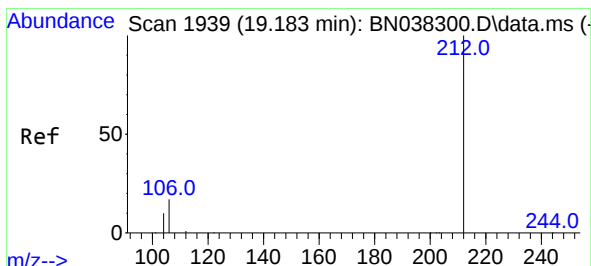
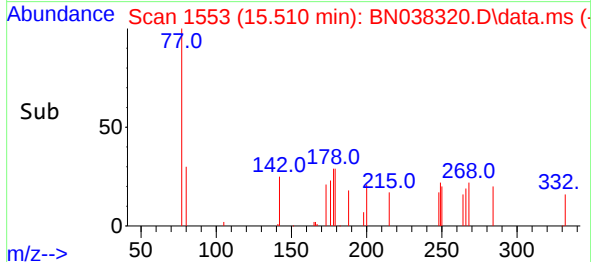
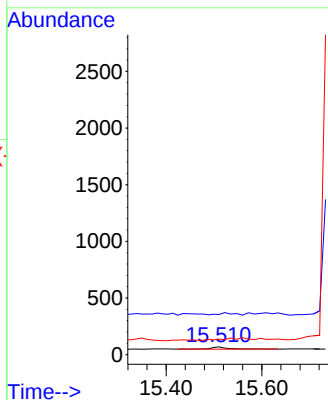
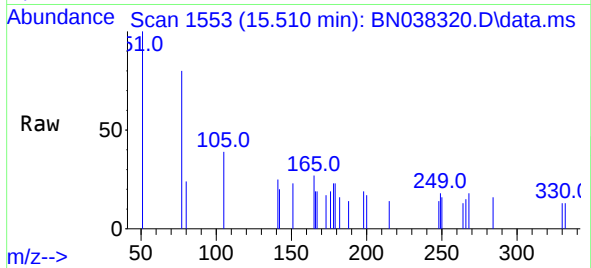




#20
4,6-Dinitro-2-methylphenol
Concen: 0.024 ng
RT: 15.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

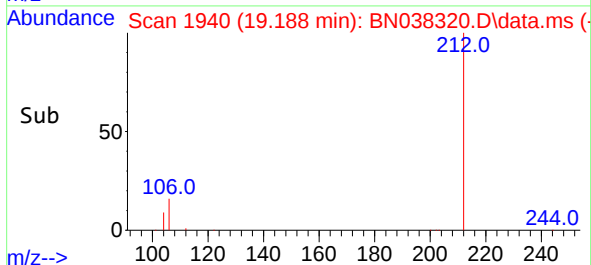
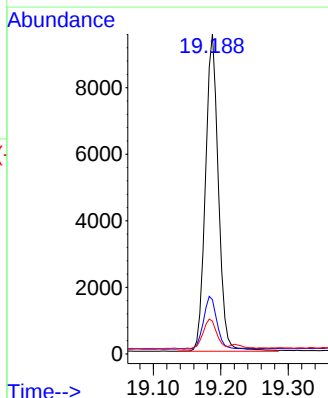
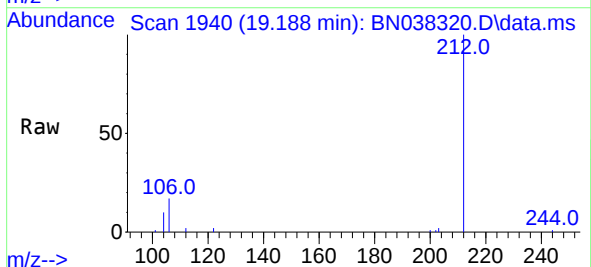
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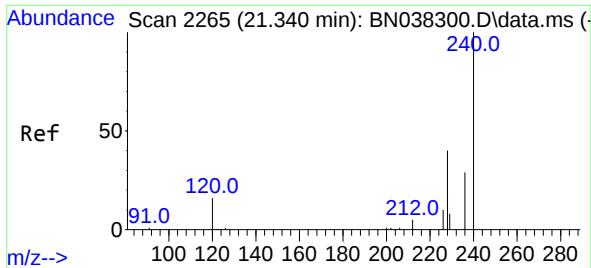
Tgt Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
51 513.0 86.3 129.5#
105 198.6 45.3 67.9#



#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.188 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

Tgt Ion:212 Resp: 12714
Ion Ratio Lower Upper
212 100
106 17.0 13.7 20.5
104 9.8 7.8 11.8



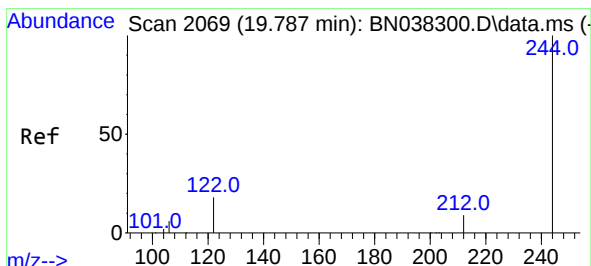
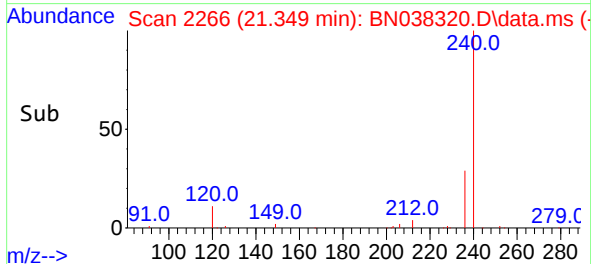
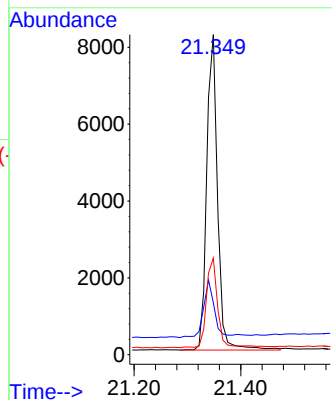
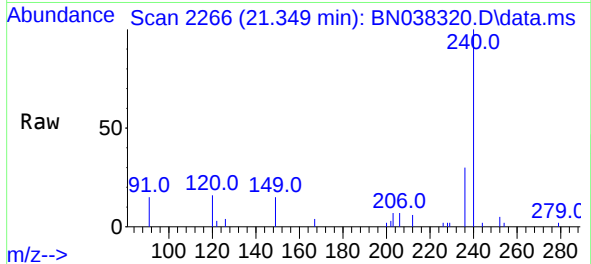


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.349 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

Instrument :
BNA_N
ClientSampleId :
OW-03B-51.5-120425

Tgt Ion:240 Resp: 11560

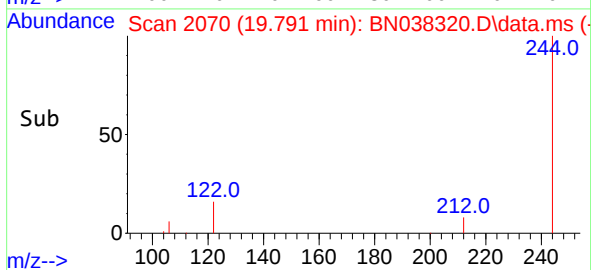
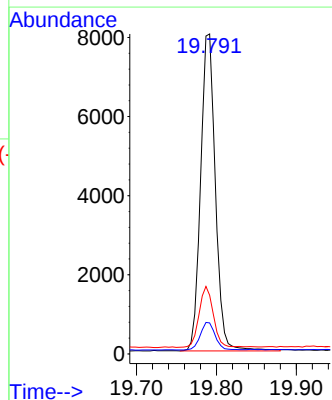
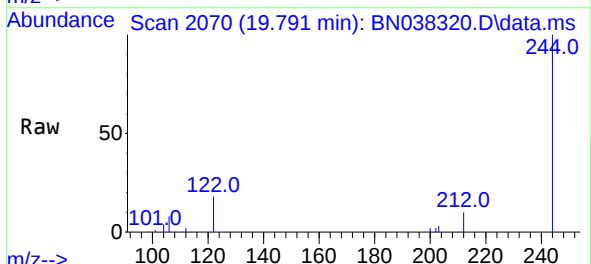
Ion	Ratio	Lower	Upper
240	100		
120	16.2	15.4	23.2
236	30.2	23.9	35.9

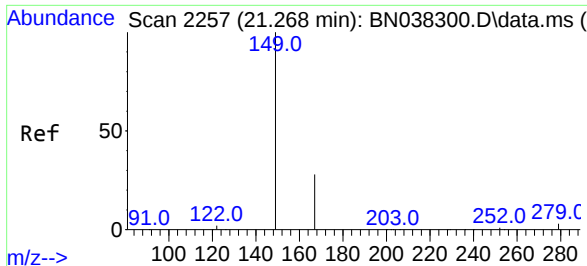


#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.791 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN038320.D
Acq: 11 Dec 2025 16:39

Tgt Ion:244 Resp: 10304

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	18.3	15.0	22.6

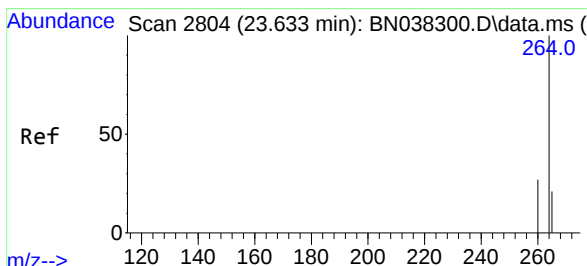
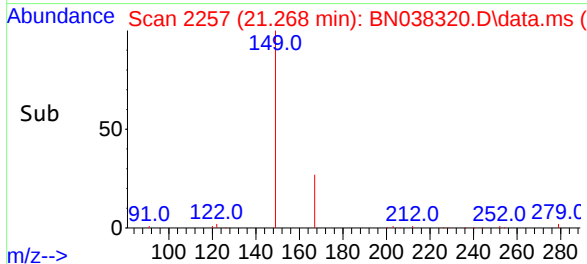
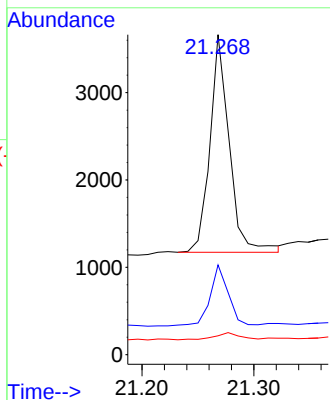
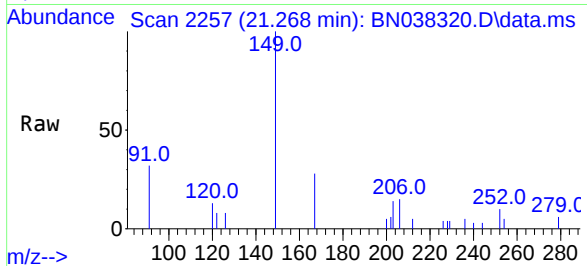




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.268 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN038320.D
 Acq: 11 Dec 2025 16:39

Instrument :
 BNA_N
 ClientSampleId :
 OW-03B-51.5-120425

Tgt Ion:149 Resp: 2991
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.0
 279 4.2 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.639 min Scan# 2806
 Delta R.T. 0.006 min
 Lab File: BN038320.D
 Acq: 11 Dec 2025 16:39

Tgt Ion:264 Resp: 11904
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.2 33.2
 265 97.9 80.2 120.2

