

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038324.D
 Acq On : 11 Dec 2025 19:04
 Operator : RC/JU
 Sample : Q3787-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-02B-21.2-120425

Quant Time: Dec 12 00:10:31 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)

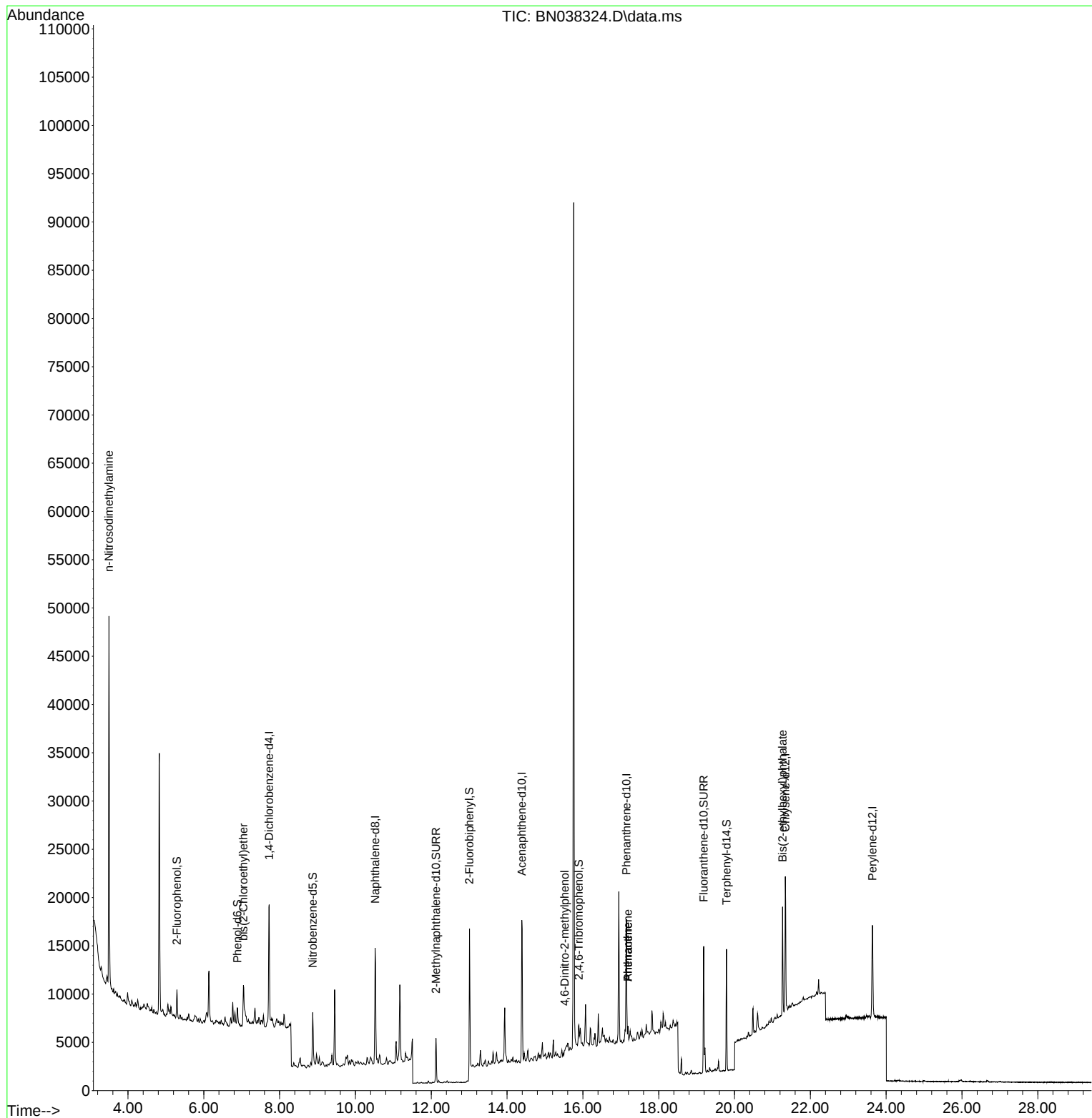
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5836	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	16262	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8730	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	16136	0.400	ng	# 0.00
29) Chrysene-d12	21.340	240	12618	0.400	ng	# 0.00
35) Perylene-d12	23.636	264	12629	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2280	0.157	ng	0.00
5) Phenol-d6	6.887	99	1659	0.096	ng	0.00
8) Nitrobenzene-d5	8.875	82	4455	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	6374	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1387	0.358	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	12350	0.294	ng	0.00
27) Fluoranthene-d10	19.187	212	14020	0.351	ng	0.00
31) Terphenyl-d14	19.787	244	10814	0.384	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.499	42	2678	0.319	ng	# 1
6) bis(2-Chloroethyl)ether	7.045	93	10463	0.619	ng	# 26
20) 4,6-Dinitro-2-methylph...	15.522	198	59	0.022	ng	# 1
25) Phenanthrene	17.186	178	1545	0.028	ng	93
26) Anthracene	17.186	178	1542	0.032	ng	95
34) Bis(2-ethylhexyl)phtha...	21.268	149	10286	0.385	ng	96

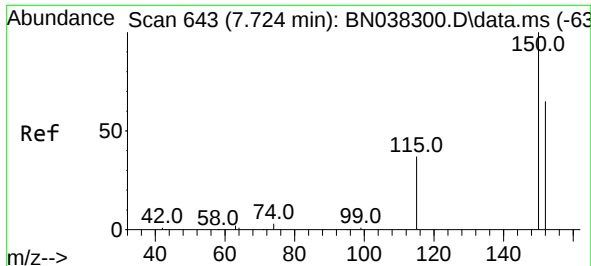
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038324.D
Acq On : 11 Dec 2025 19:04
Operator : RC/JU
Sample : Q3787-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-02B-21.2-120425

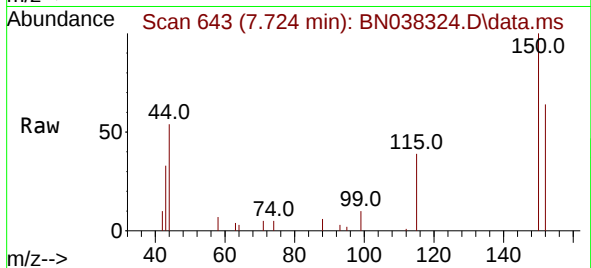
Quant Time: Dec 12 00:10:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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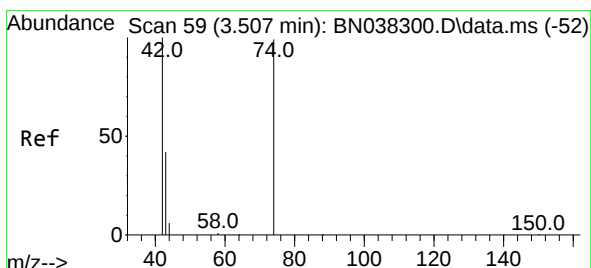
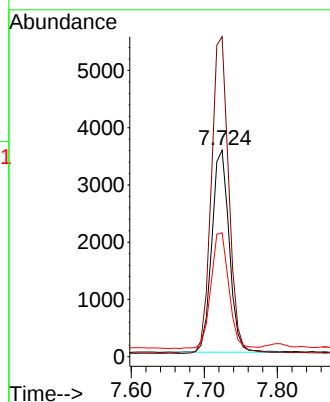
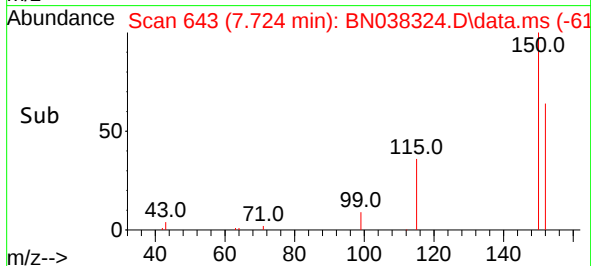


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038324.D
 Acq: 11 Dec 2025 19:04

Instrument :
 BNA_N
 ClientSampleId :
 OW-02B-21.2-120425

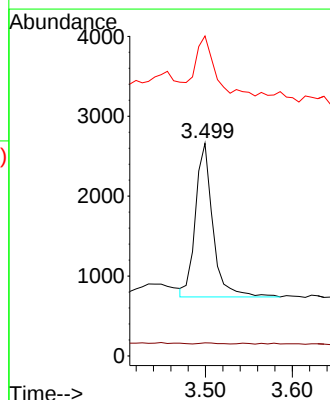
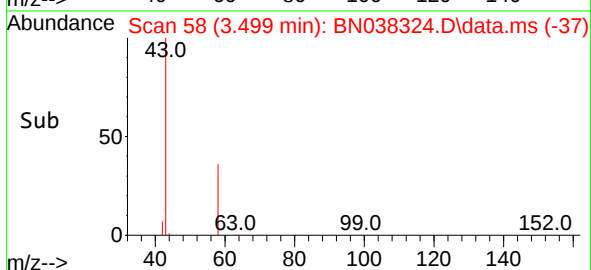
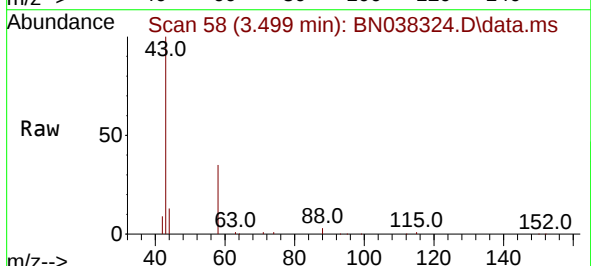


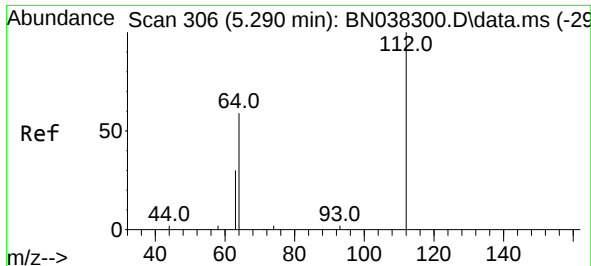
Tgt Ion: 152 Resp: 5836
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.4 183.6
 115 60.0 47.3 70.9



#3
 n-Nitrosodimethylamine
 Concen: 0.319 ng
 RT: 3.499 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BN038324.D
 Acq: 11 Dec 2025 19:04

Tgt Ion: 42 Resp: 2678
 Ion Ratio Lower Upper
 42 100
 74 0.6 95.3 142.9#
 44 42.3 7.9 11.9#

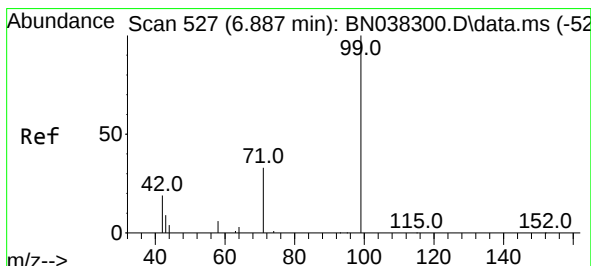
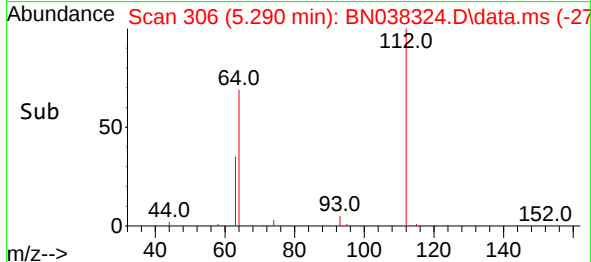
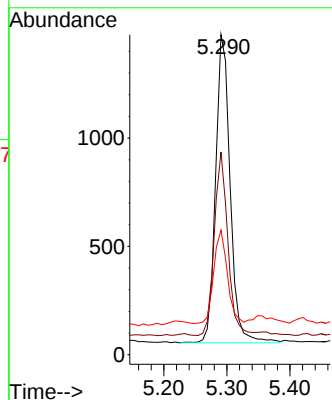
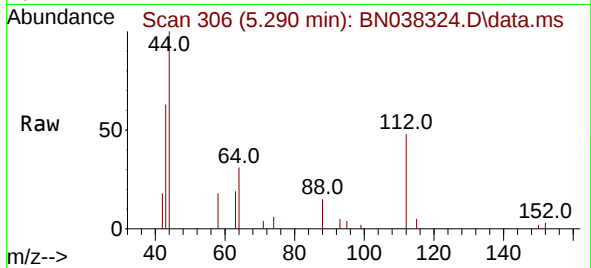




#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

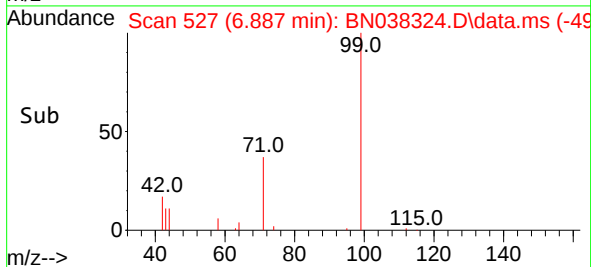
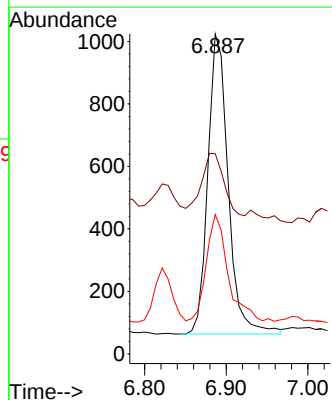
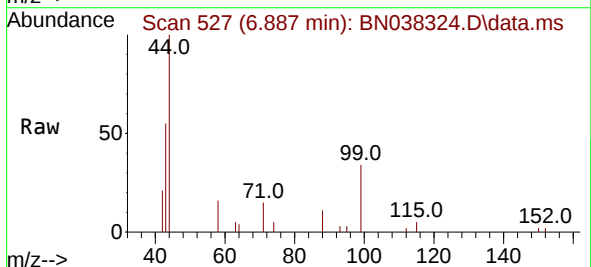
Instrument :
BNA_N
ClientSampleId :
OW-02B-21.2-120425

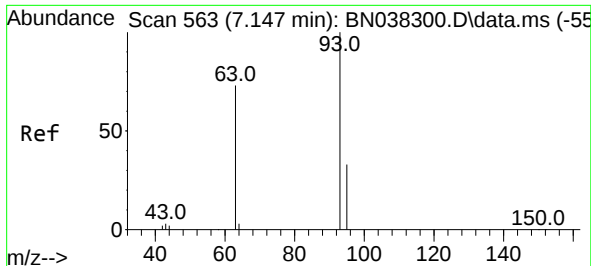
Tgt Ion:112 Resp: 2280
Ion Ratio Lower Upper
112 100
64 55.5 44.4 66.6
63 29.4 23.4 35.0



#5
Phenol-d6
Concen: 0.096 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

Tgt Ion: 99 Resp: 1659
Ion Ratio Lower Upper
99 100
42 22.8 16.5 24.7
71 41.2 24.9 37.3#

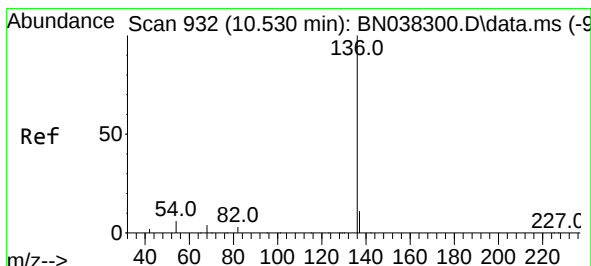
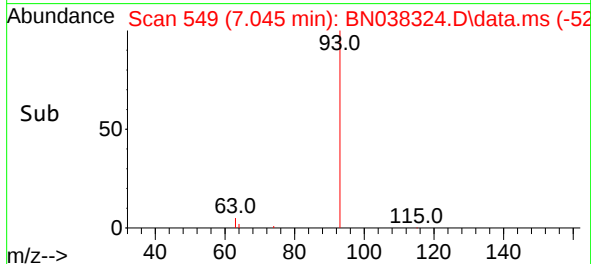
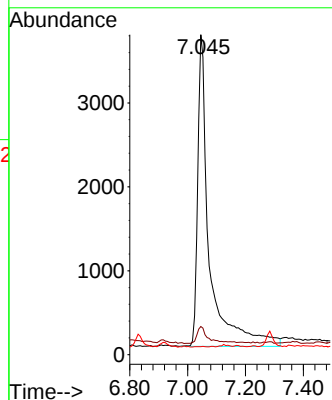
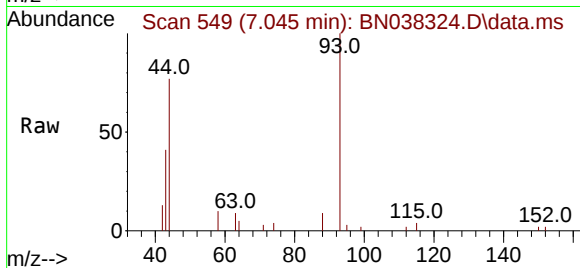




#6
bis(2-Chloroethyl)ether
Concen: 0.619 ng
RT: 7.045 min Scan# 549
Delta R.T. -0.101 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

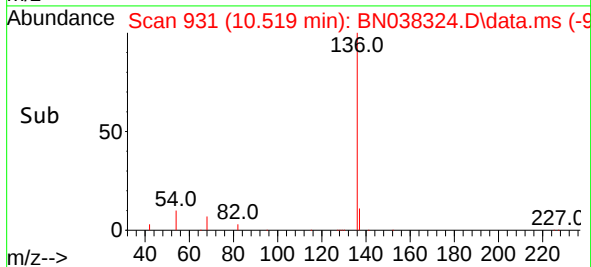
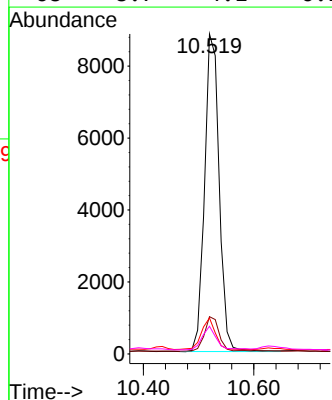
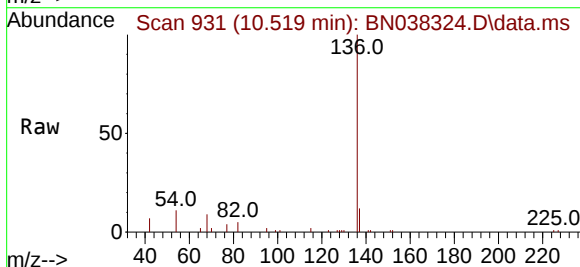
Instrument :
BNA_N
ClientSampleId :
OW-02B-21.2-120425

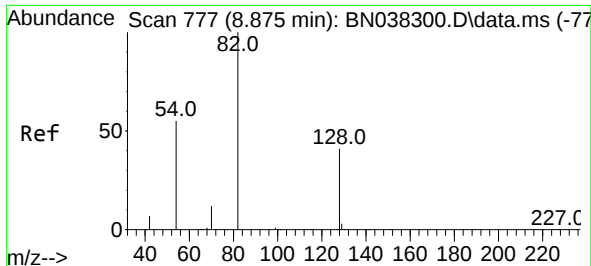
Tgt Ion: 93 Resp: 10463
Ion Ratio Lower Upper
93 100
63 4.8 59.2 88.8#
95 0.1 25.2 37.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

Tgt Ion: 136 Resp: 16262
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 11.2 5.2 7.8#
68 8.7 4.1 6.1#

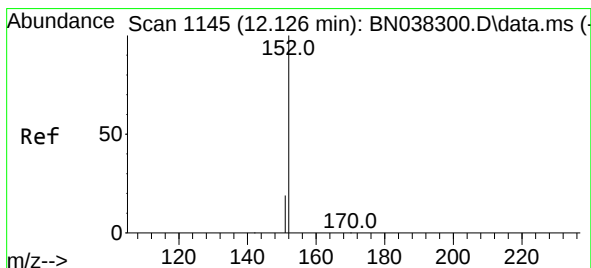
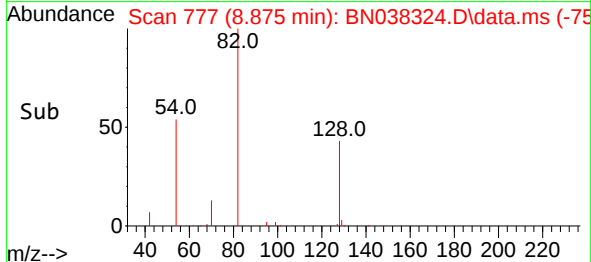
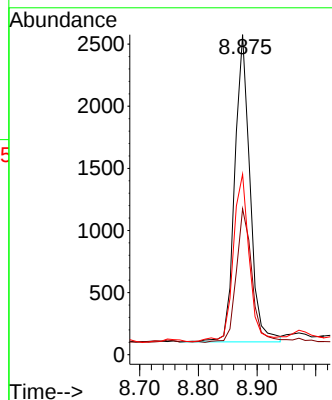
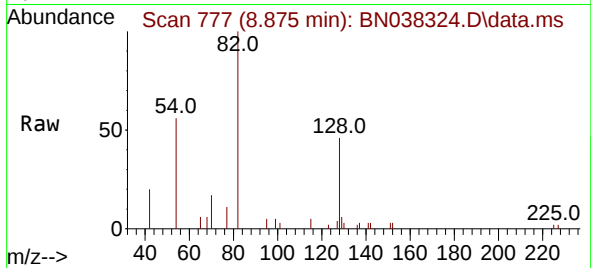




#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

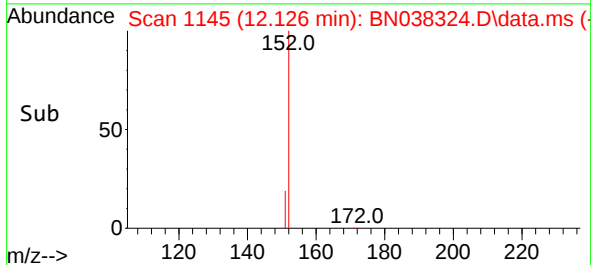
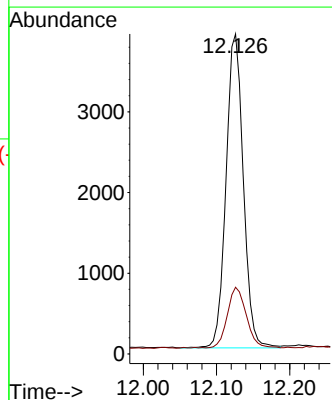
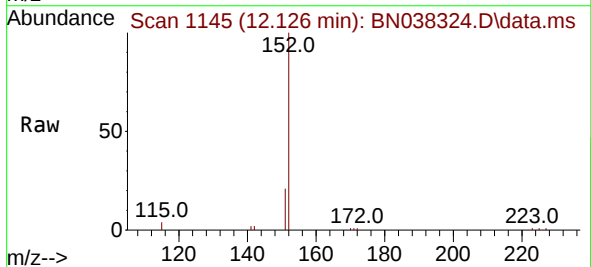
Instrument :
BNA_N
ClientSampleId :
OW-02B-21.2-120425

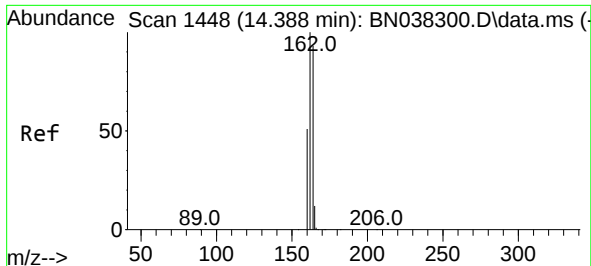
Tgt Ion: 82 Resp: 4455
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 56.4 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

Tgt Ion: 152 Resp: 6374
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6

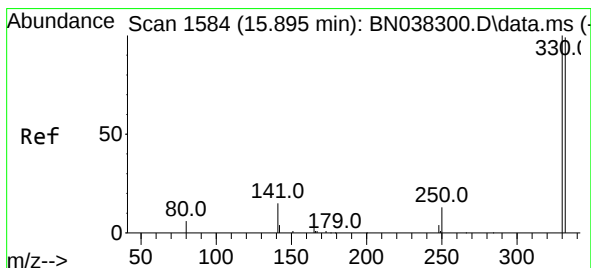
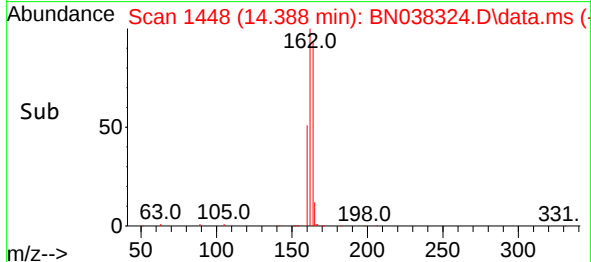
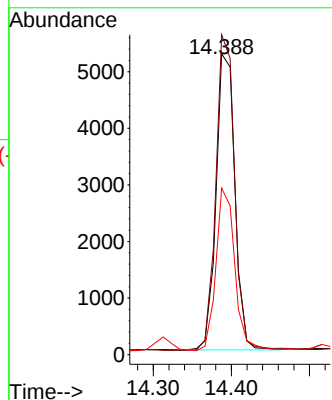
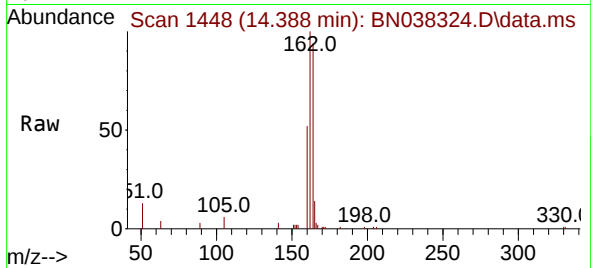




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

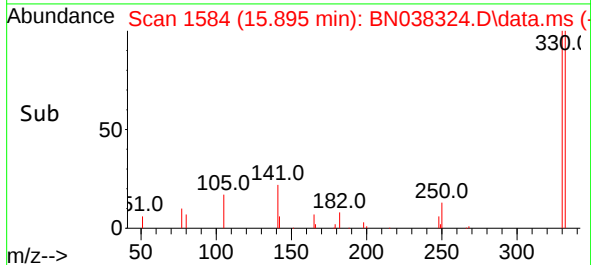
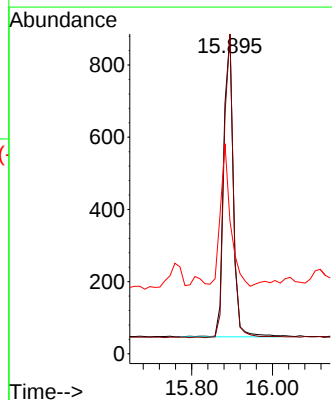
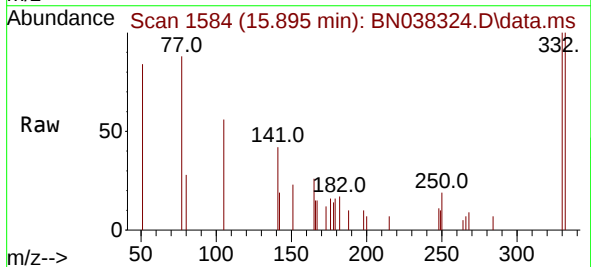
Instrument :
BNA_N
ClientSampleId :
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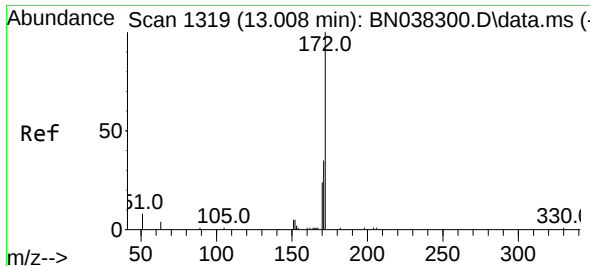
Tgt Ion:164 Resp: 8730
Ion Ratio Lower Upper
164 100
162 106.4 86.2 129.4
160 55.4 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

Tgt Ion:330 Resp: 1387
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.6
141 50.0 31.8 47.8#

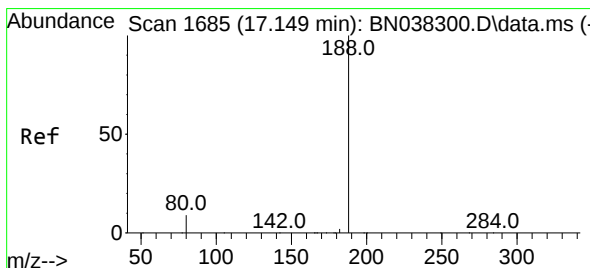
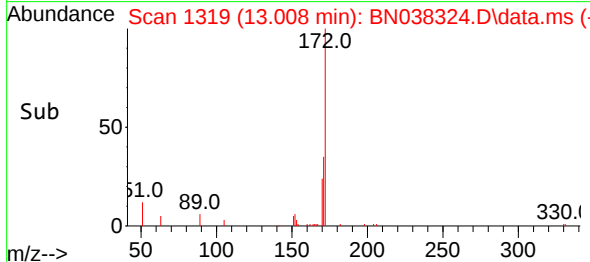
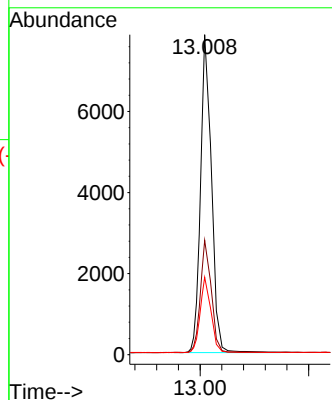
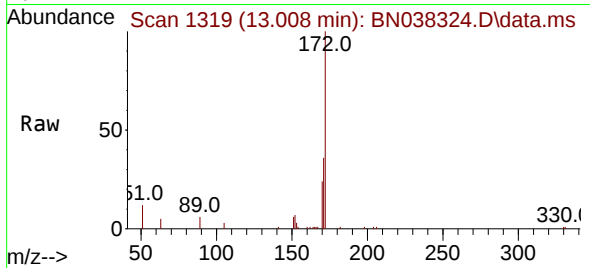




#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

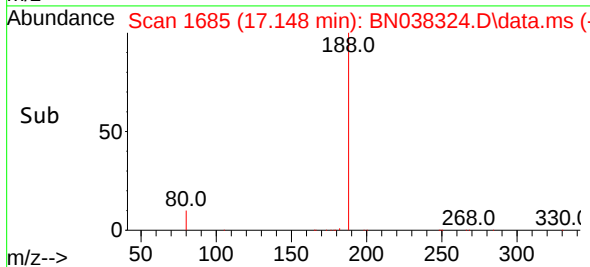
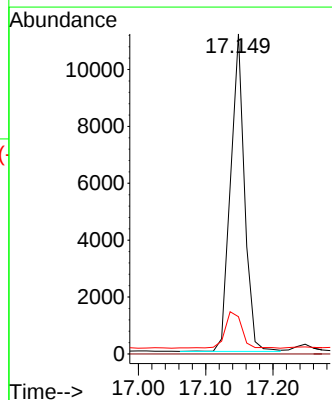
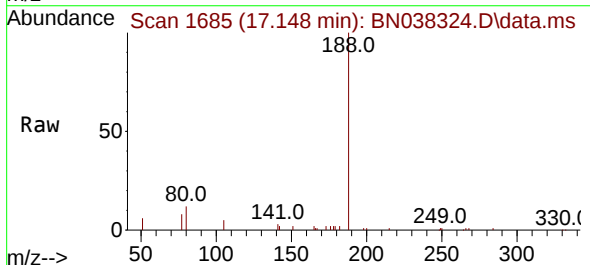
Instrument :
BNA_N
ClientSampleId :
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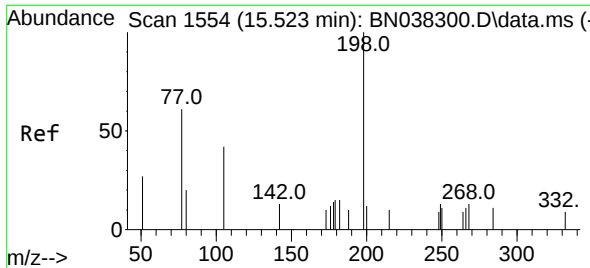
Tgt Ion:	172	Resp:	12350
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	42.8
170	24.2	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

Tgt Ion:	188	Resp:	16136
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.6	7.4	11.0

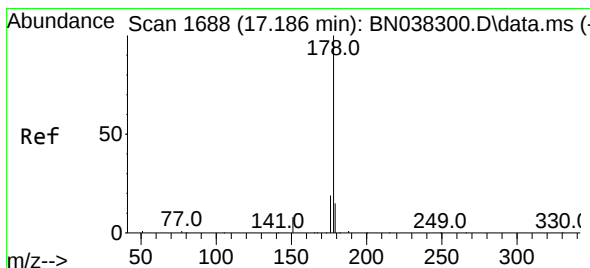
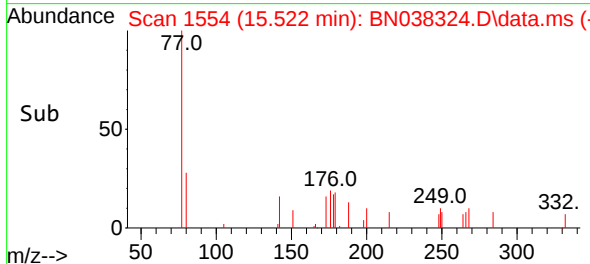
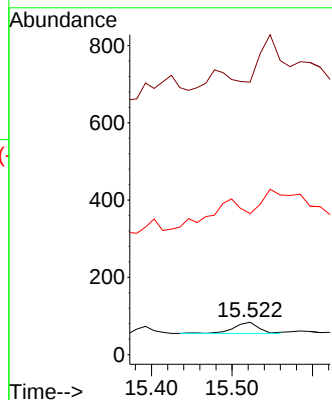
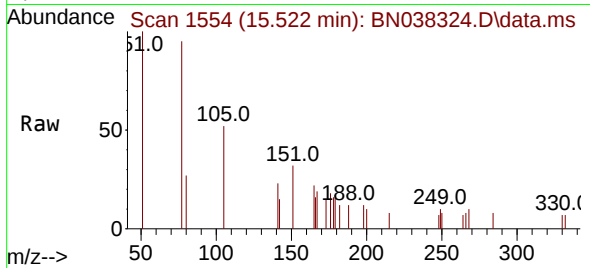




#20
4,6-Dinitro-2-methylphenol
Concen: 0.022 ng
RT: 15.522 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

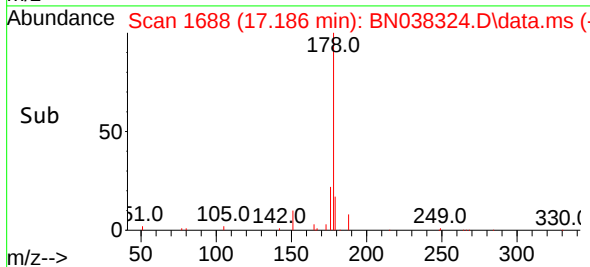
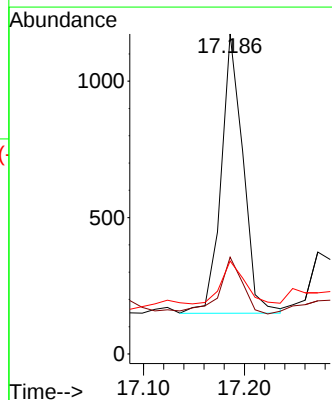
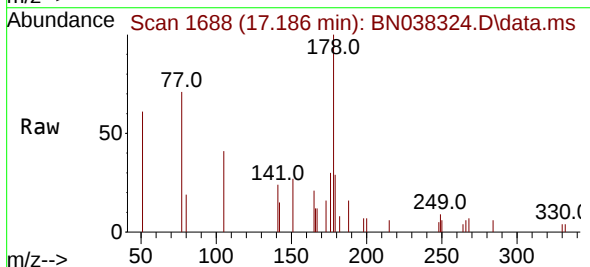
Instrument :
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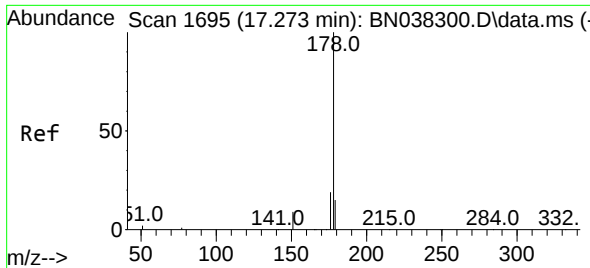
Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 839.3 86.3 129.5#
105 434.5 45.3 67.9#



#25
Phenanthrene
Concen: 0.028 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

Tgt Ion:178 Resp: 1545
Ion Ratio Lower Upper
178 100
176 23.2 15.5 23.3
179 17.2 12.2 18.2

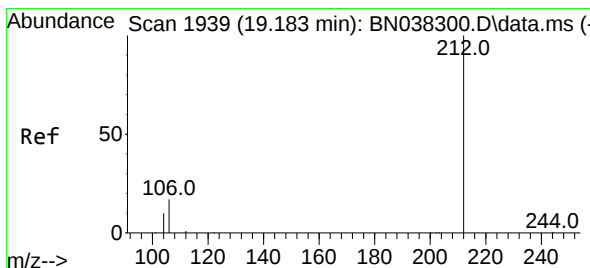
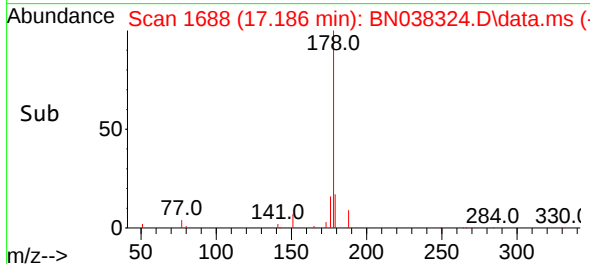
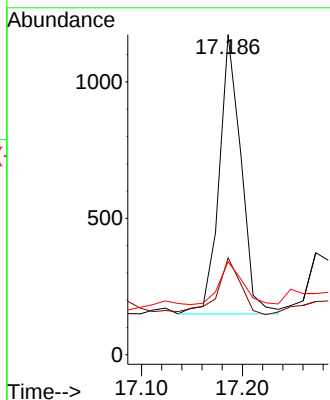
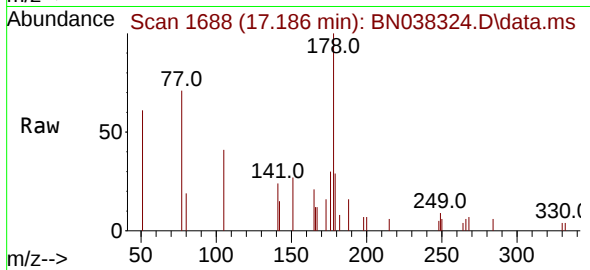




#26
 Anthracene
 Concen: 0.032 ng
 RT: 17.186 min Scan# 1688
 Delta R.T. -0.099 min
 Lab File: BN038324.D
 Acq: 11 Dec 2025 19:04

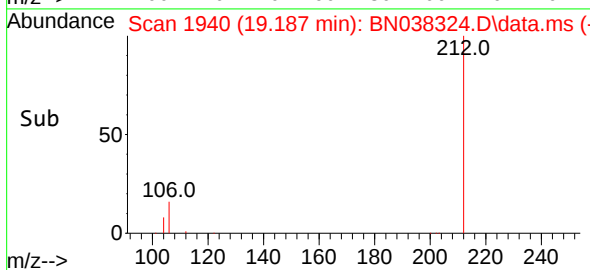
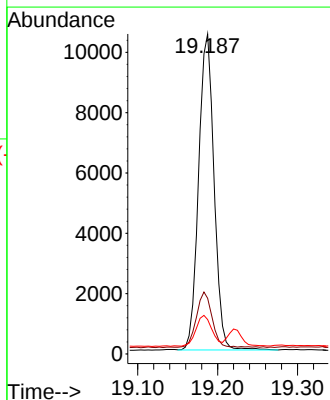
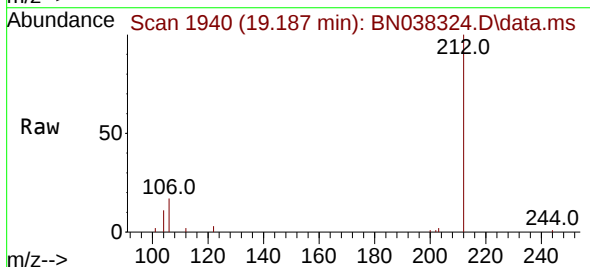
Instrument :
 BNA_N
 ClientSampleId :
 OW-02B-21.2-120425

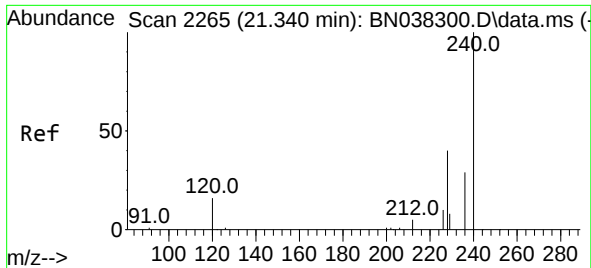
Tgt Ion:	178	Resp:	1542
Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.1	22.7
179	16.1	12.0	18.0



#27
 Fluoranthene-d10
 Concen: 0.351 ng
 RT: 19.187 min Scan# 1940
 Delta R.T. 0.000 min
 Lab File: BN038324.D
 Acq: 11 Dec 2025 19:04

Tgt Ion:	212	Resp:	14020
Ion	Ratio	Lower	Upper
212	100		
106	17.7	13.7	20.5
104	9.9	7.8	11.8

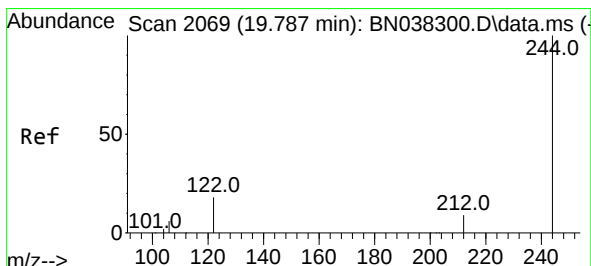
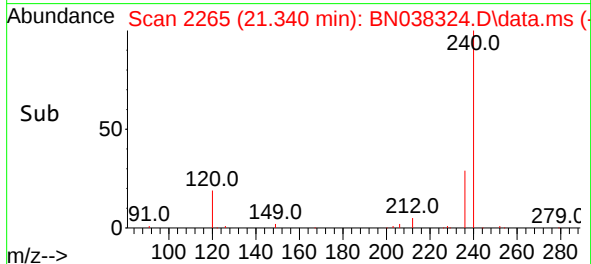
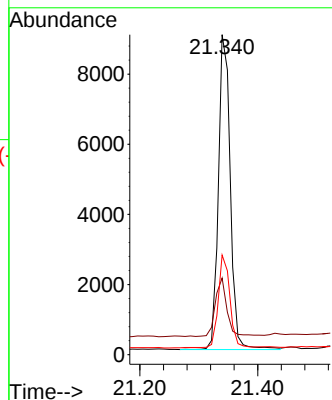
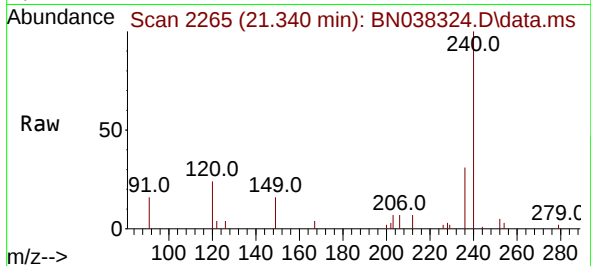




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

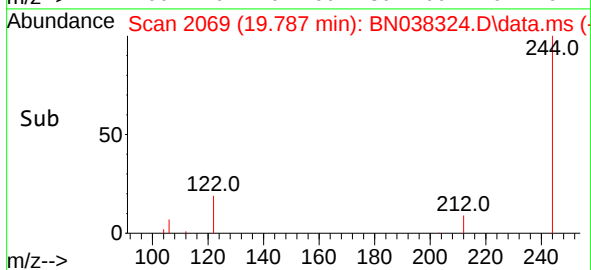
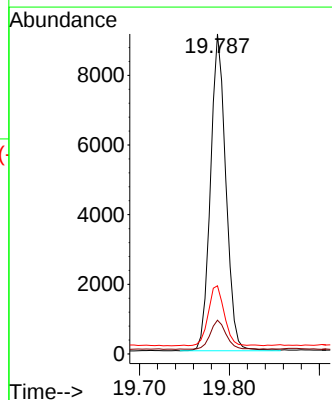
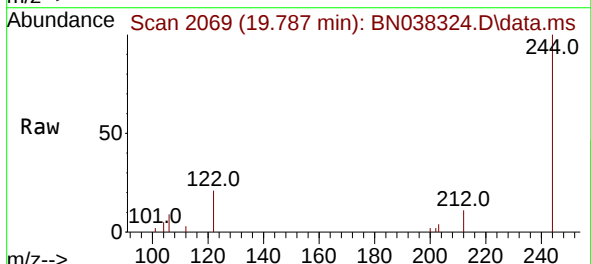
Instrument :
BNA_N
ClientSampleId :
OW-02B-21.2-120425

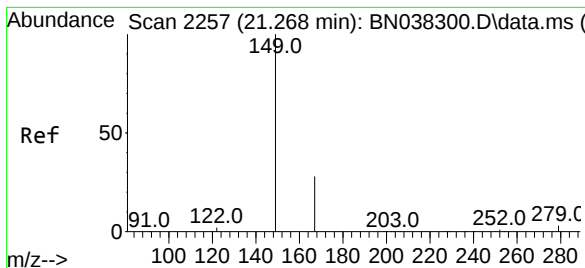
Tgt Ion:240 Resp: 12618
Ion Ratio Lower Upper
240 100
120 23.9 15.4 23.2#
236 31.1 23.9 35.9



#31
Terphenyl-d14
Concen: 0.384 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038324.D
Acq: 11 Dec 2025 19:04

Tgt Ion:244 Resp: 10814
Ion Ratio Lower Upper
244 100
212 10.6 7.9 11.9
122 21.3 15.0 22.6

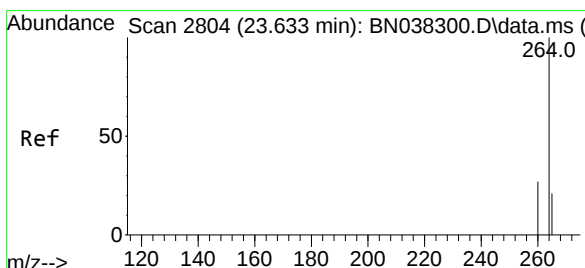
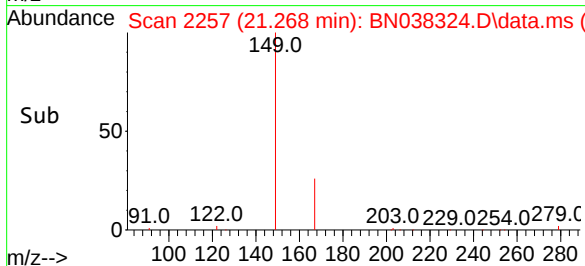
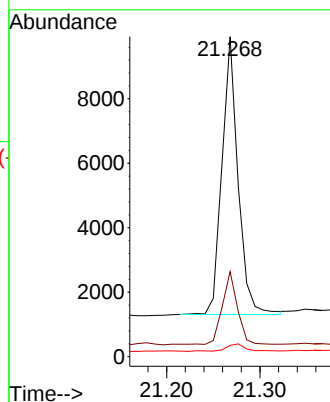
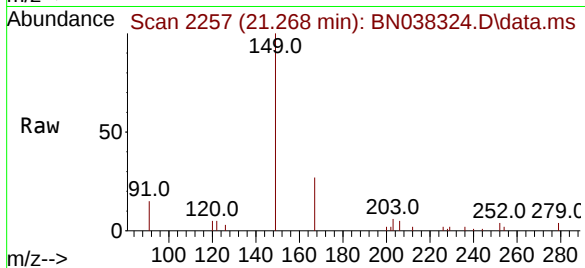




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.385 ng
 RT: 21.268 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN038324.D
 Acq: 11 Dec 2025 19:04

Instrument :
 BNA_N
 ClientSampleId :
 OW-02B-21.2-120425

Tgt Ion:149 Resp: 10286
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.4 32.0
 279 3.4 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.636 min Scan# 2805
 Delta R.T. 0.003 min
 Lab File: BN038324.D
 Acq: 11 Dec 2025 19:04

Tgt Ion:264 Resp: 12629
 Ion Ratio Lower Upper
 264 100
 260 28.1 22.2 33.2
 265 89.1 80.2 120.2

