

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038192.D
 Acq On : 12 Nov 2025 14:58
 Operator : RC/JU
 Sample : Q3584-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-2

Quant Time: Nov 12 15:22:03 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)

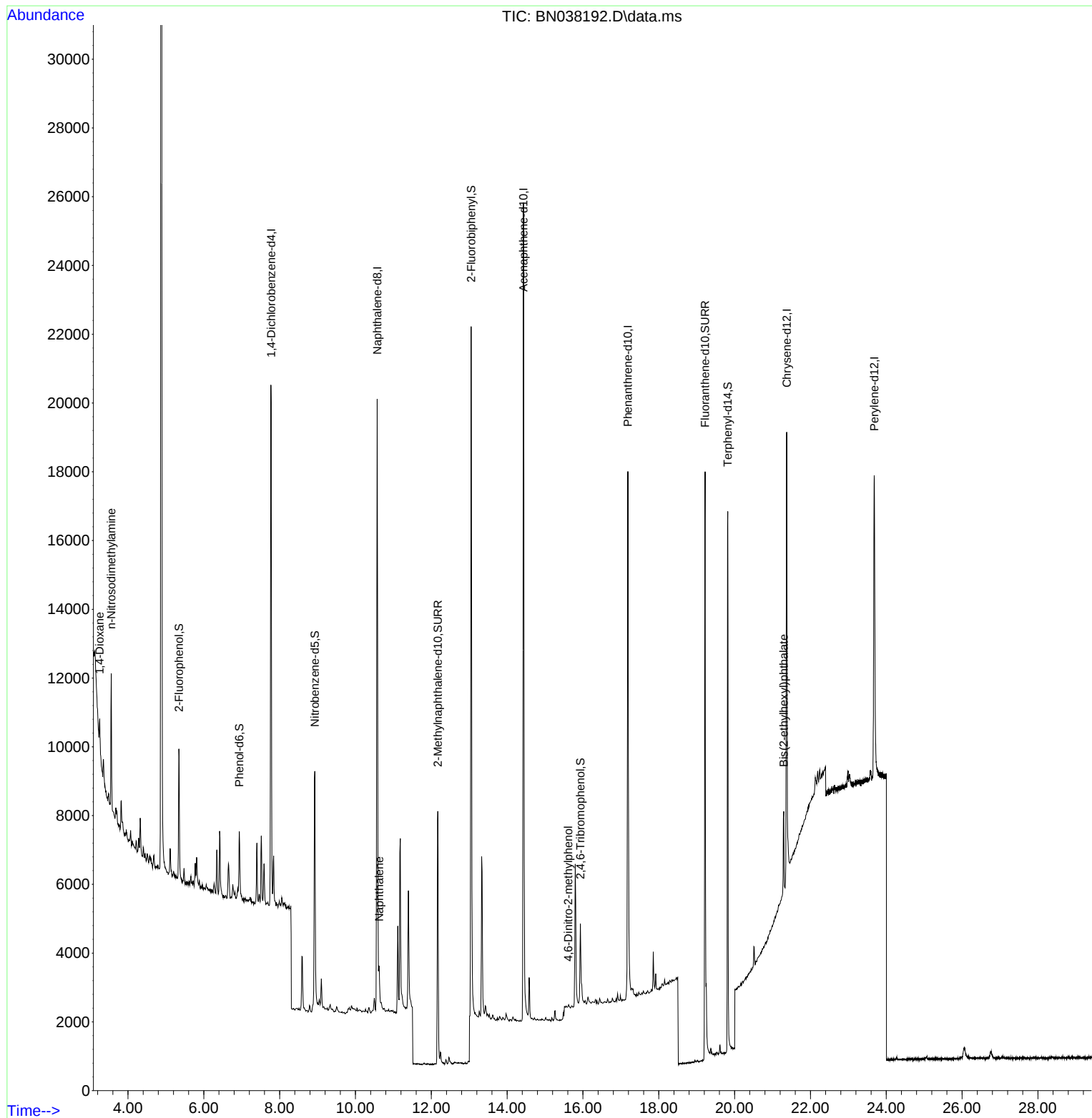
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7967	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24614	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14329	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	23415	0.400	ng	0.00
29) Chrysene-d12	21.376	240	13728	0.400	ng	0.00
35) Perylene-d12	23.683	264	13529	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3105	0.165	ng	0.00
5) Phenol-d6	6.937	99	2212	0.097	ng	0.00
8) Nitrobenzene-d5	8.929	82	6680	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10806	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1639	0.278	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18786	0.327	ng	0.00
27) Fluoranthene-d10	19.220	212	19795	0.335	ng	0.00
31) Terphenyl-d14	19.819	244	16190	0.543	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	583	0.071	ng	# 48
3) n-Nitrosodimethylamine	3.557	42	273	0.026	ng	# 1
9) Naphthalene	10.626	128	1397	0.021	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.610	198	20	0.188	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	2560	0.099	ng	99

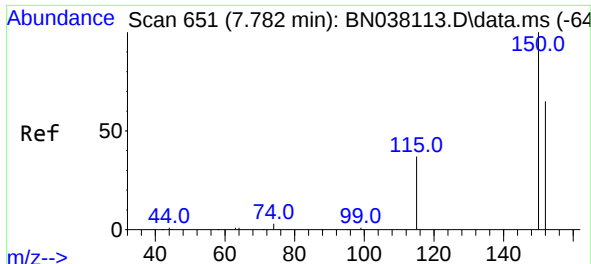
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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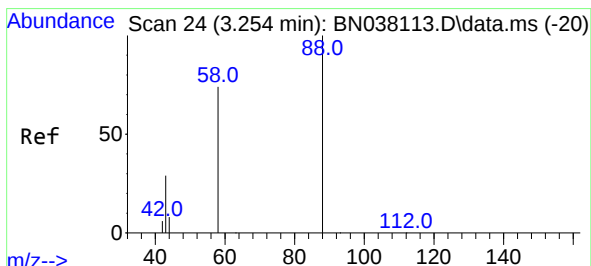
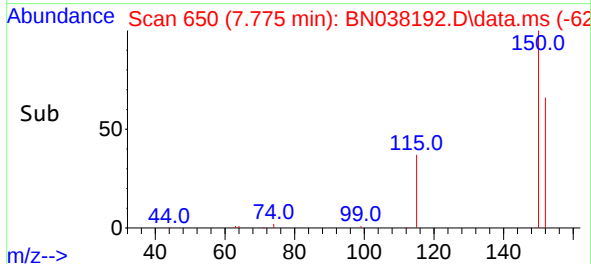
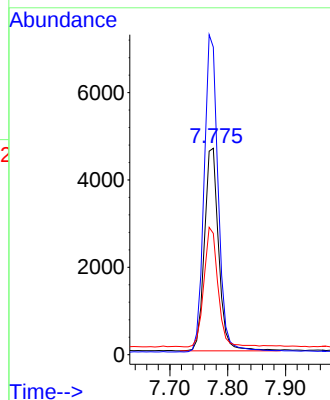
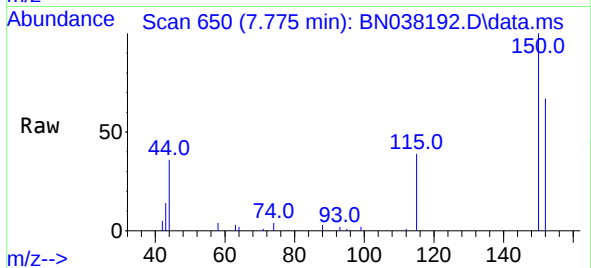




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

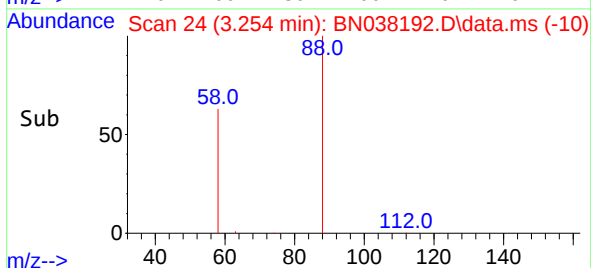
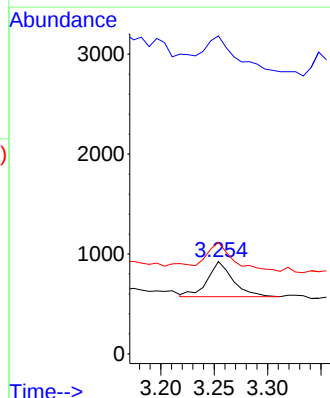
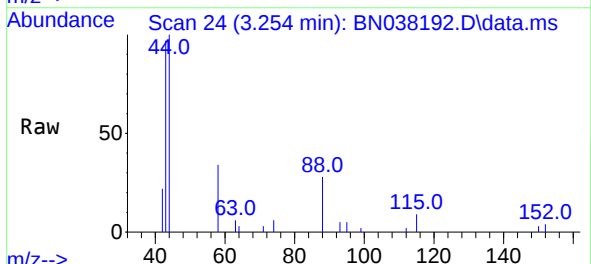
Instrument :
BNA_N
ClientSampleId :
EB-2

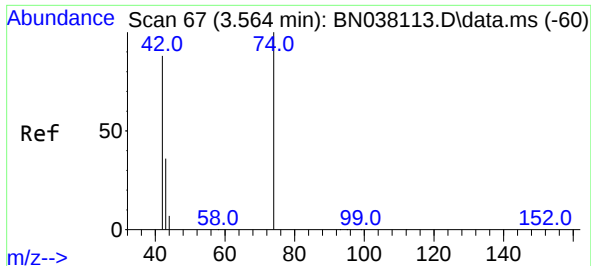
Tgt Ion:152 Resp: 7967
Ion Ratio Lower Upper
152 100
150 149.0 122.3 183.5
115 58.8 47.4 71.0



#2
1,4-Dioxane
Concen: 0.071 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion: 88 Resp: 583
Ion Ratio Lower Upper
88 100
43 117.2 24.3 36.5#
58 83.2 60.4 90.6

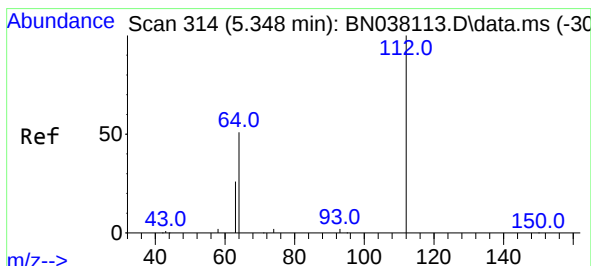
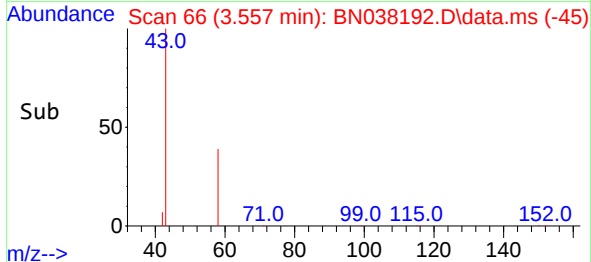
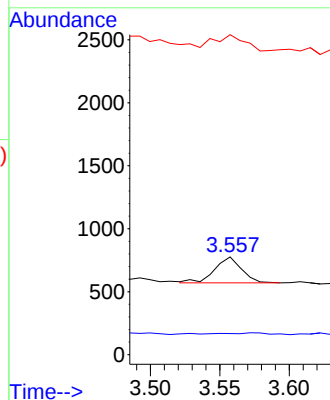
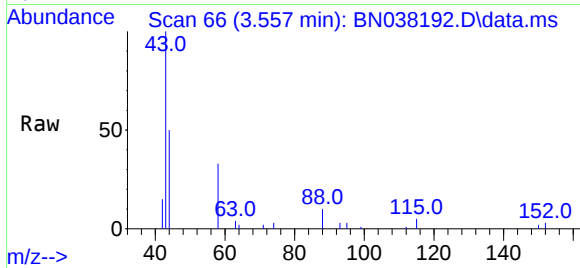




#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.557 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

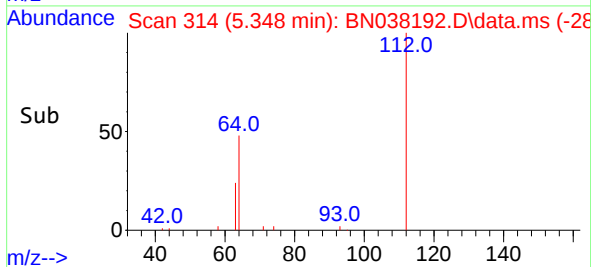
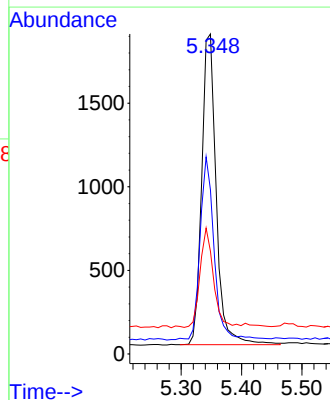
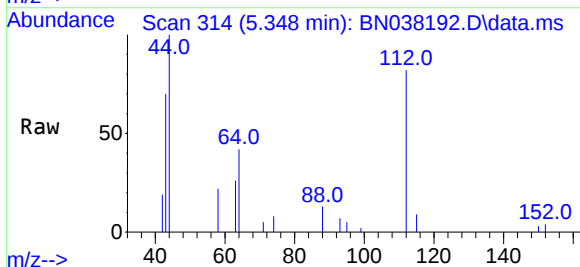
Instrument :
BNA_N
ClientSampleId :
EB-2

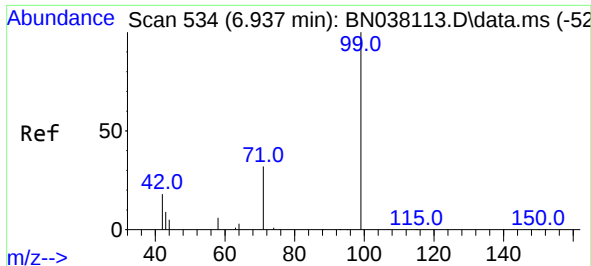
Tgt Ion: 42 Resp: 273
Ion Ratio Lower Upper
42 100
74 10.6 96.8 145.2#
44 67.8 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion: 112 Resp: 3105
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.0
63 29.5 23.2 34.8

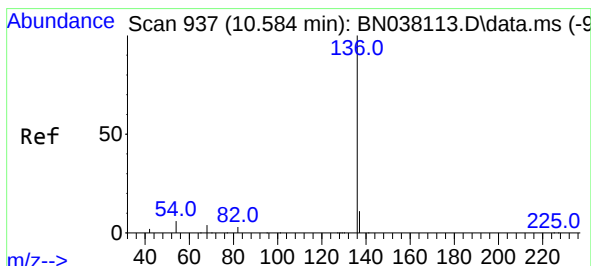
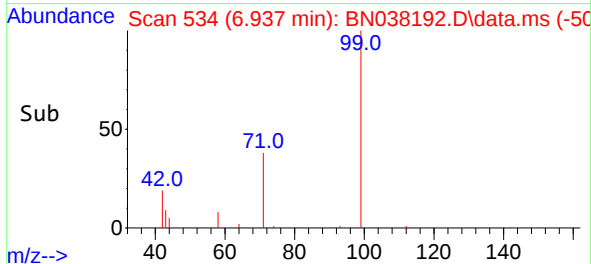
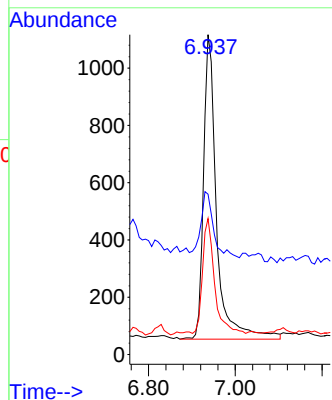
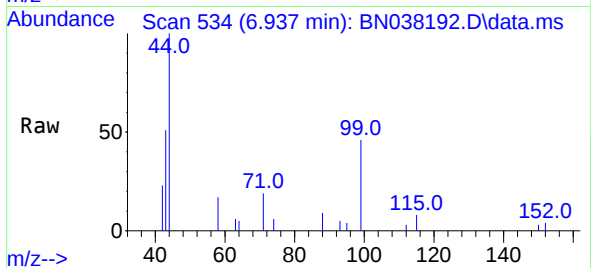




#5
Phenol-d6
Concen: 0.097 ng
RT: 6.937 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

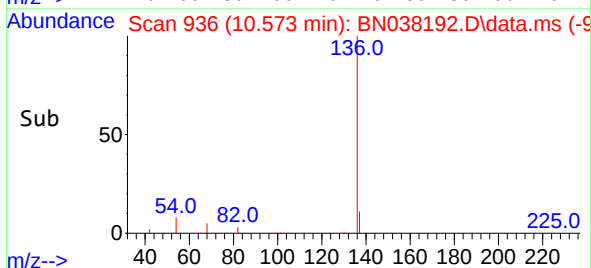
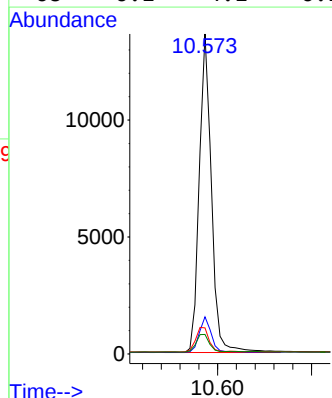
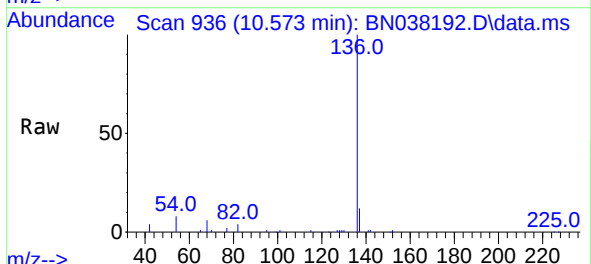
Instrument :
BNA_N
ClientSampleId :
EB-2

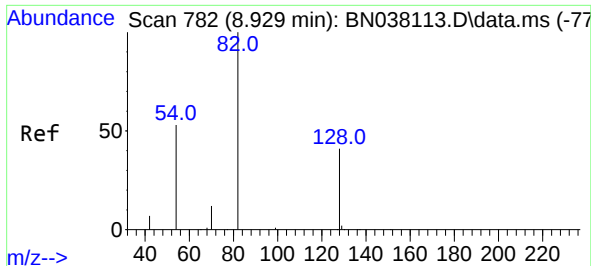
Tgt Ion:	99	Resp:	2212
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.6	24.8
71	36.9	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:	136	Resp:	24614
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.2	5.2	7.8
68	6.1	4.1	6.1

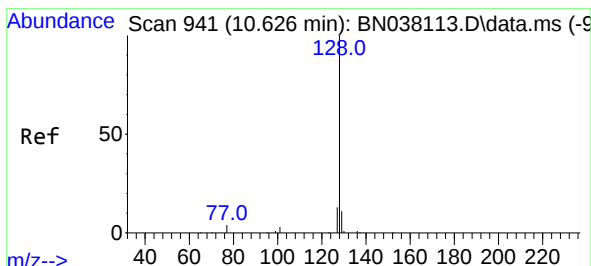
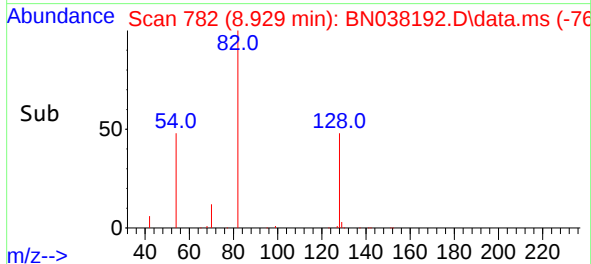
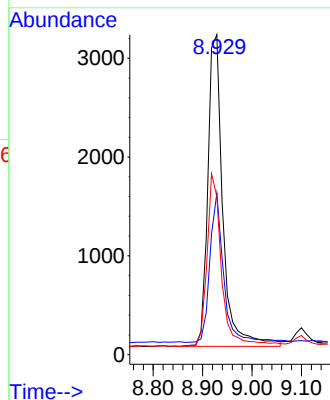
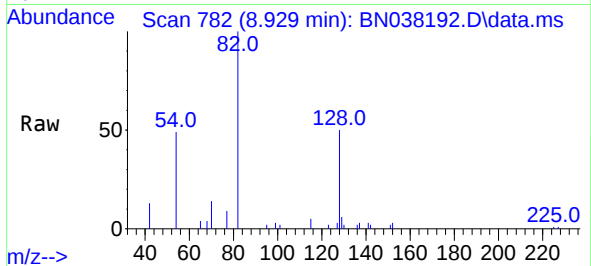




#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

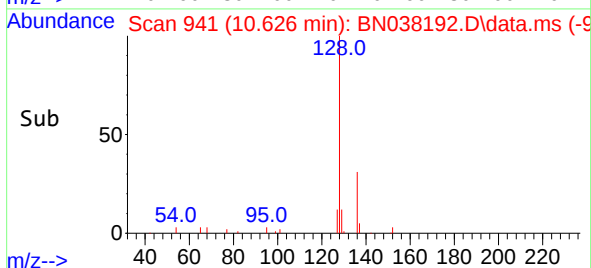
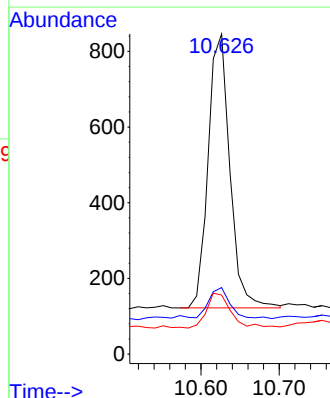
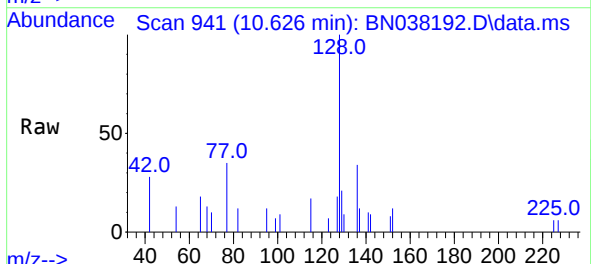
Instrument :
BNA_N
ClientSampleId :
EB-2

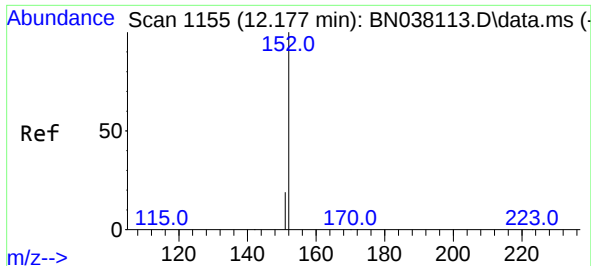
Tgt Ion: 82 Resp: 6680
Ion Ratio Lower Upper
82 100
128 50.5 34.1 51.1
54 49.4 43.5 65.3



#9
Naphthalene
Concen: 0.021 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion: 128 Resp: 1397
Ion Ratio Lower Upper
128 100
129 20.8 9.1 13.7#
127 18.4 10.5 15.7#

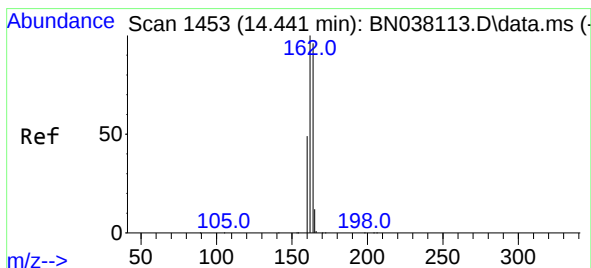
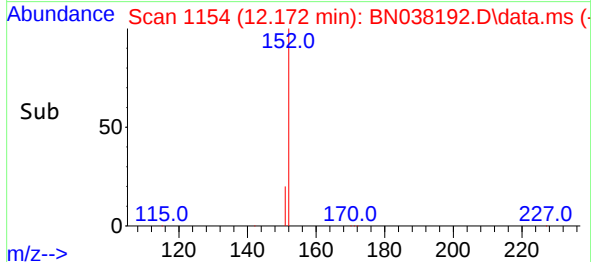
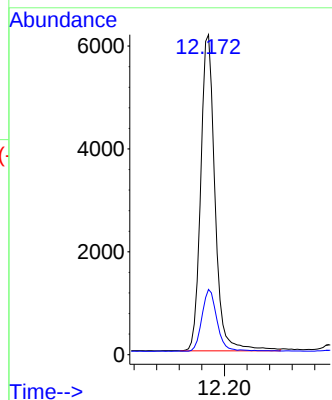
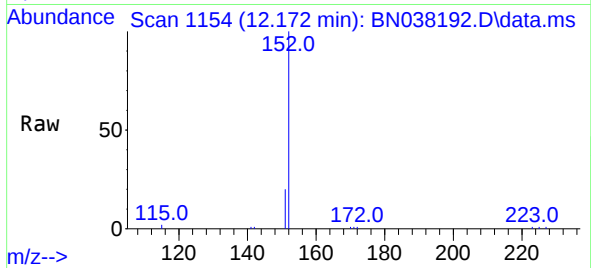




#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.172 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

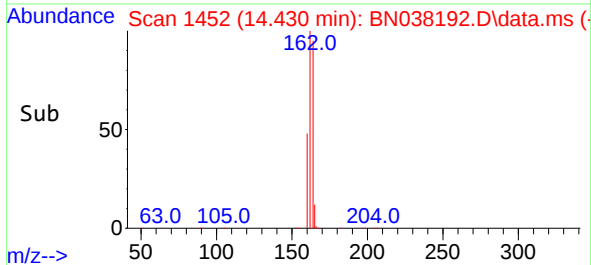
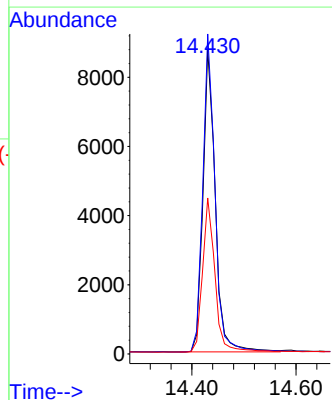
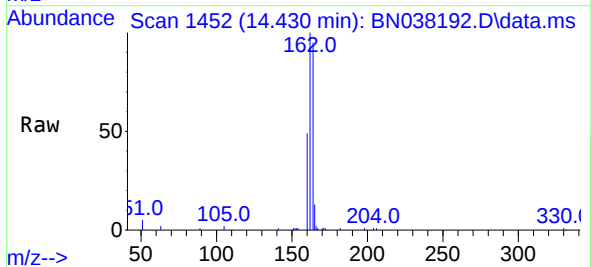
Instrument :
BNA_N
ClientSampleId :
EB-2

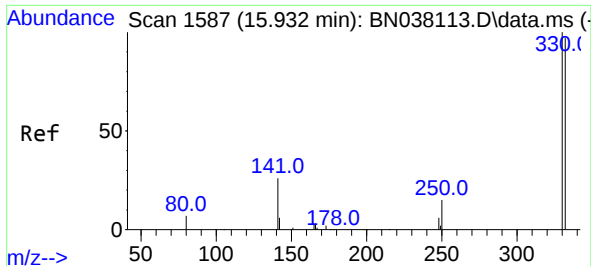
Tgt Ion:152 Resp: 10806
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:164 Resp: 14329
Ion Ratio Lower Upper
164 100
162 105.1 83.0 124.4
160 51.3 40.7 61.1

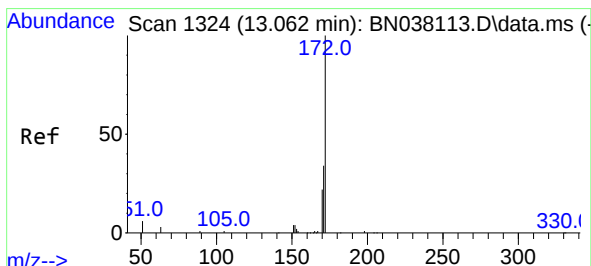
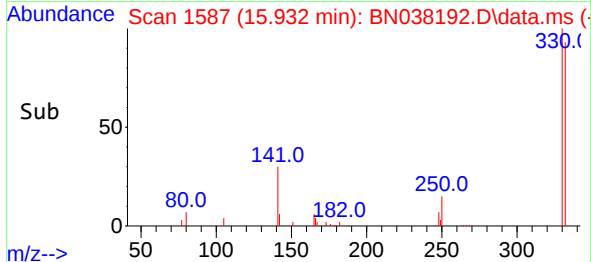
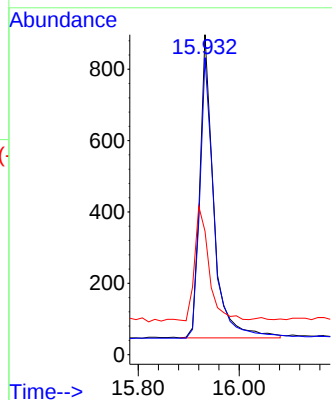
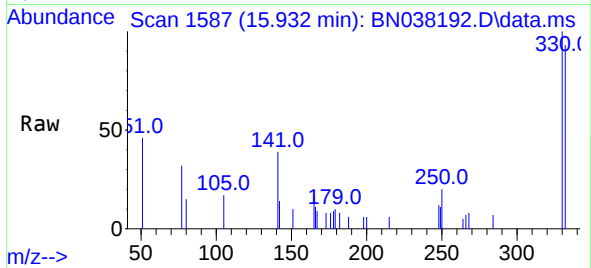




#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

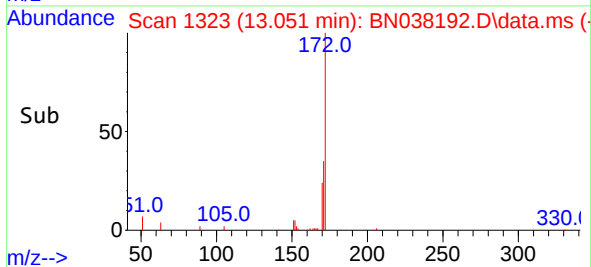
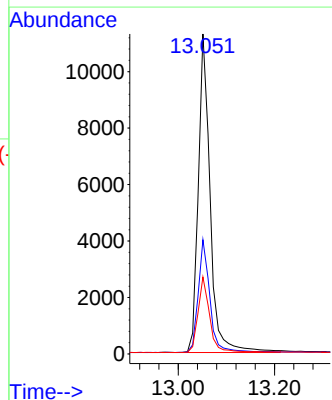
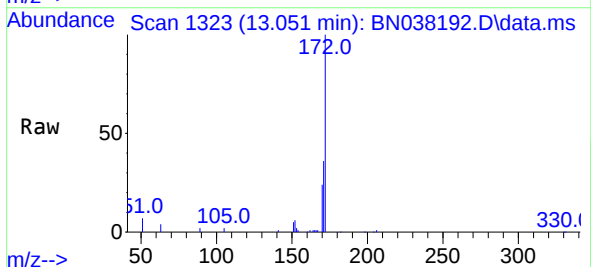
Instrument :
BNA_N
ClientSampleId :
EB-2

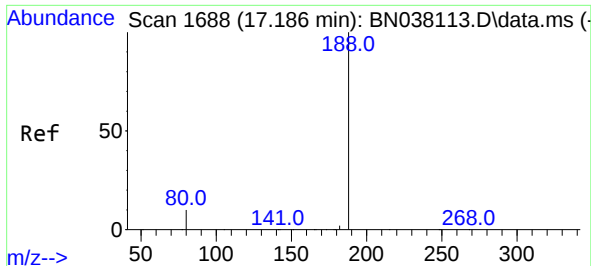
Tgt Ion: 330 Resp: 1639
Ion Ratio Lower Upper
330 100
332 94.8 76.6 114.8
141 39.8 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion: 172 Resp: 18786
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 24.0 18.1 27.1

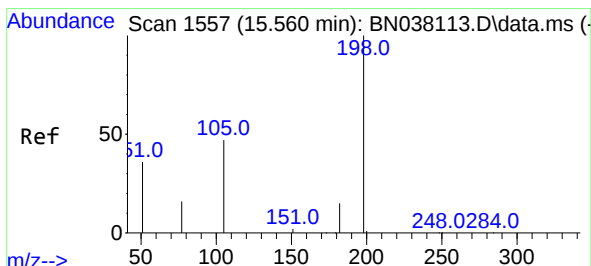
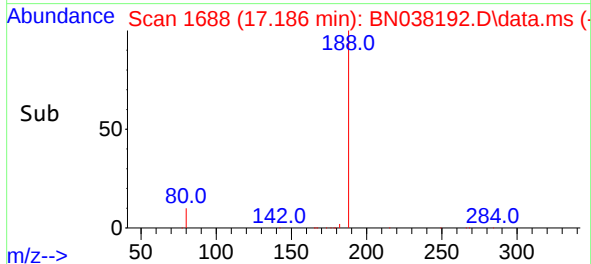
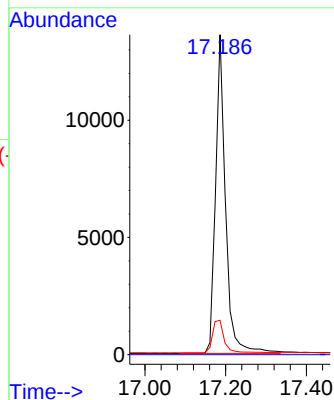
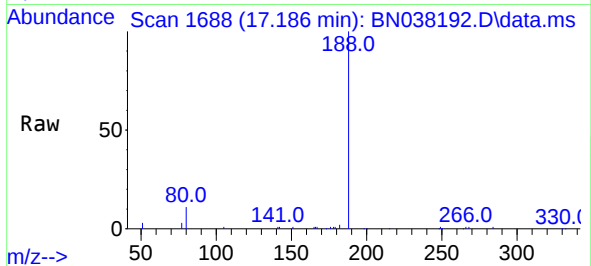




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

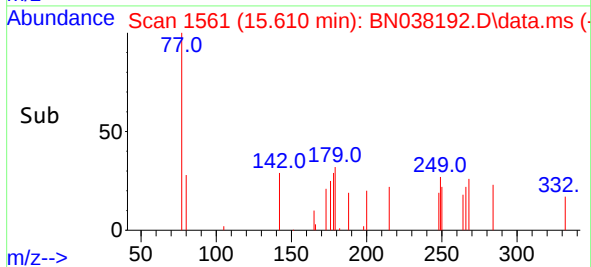
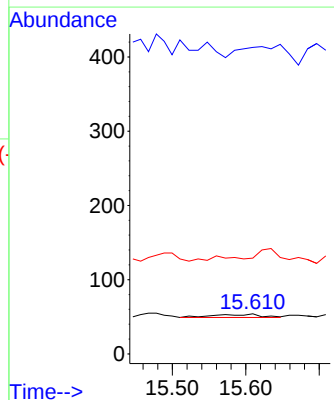
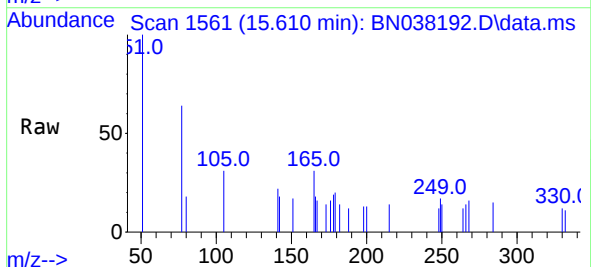
Instrument :
BNA_N
ClientSampleId :
EB-2

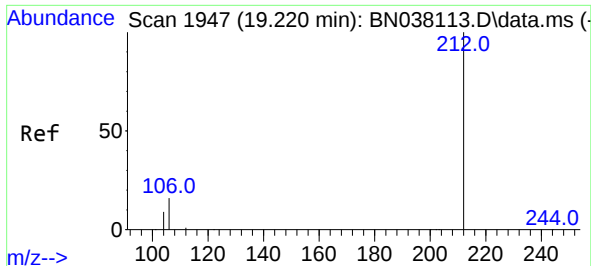
Tgt Ion:188 Resp: 23415
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 8.6 13.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.188 ng
RT: 15.610 min Scan# 1561
Delta R.T. 0.050 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 764.8 88.9 133.3#
105 238.9 49.2 73.8#

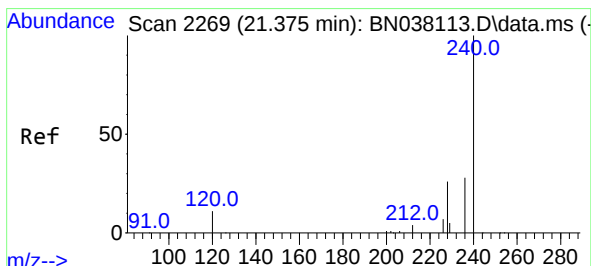
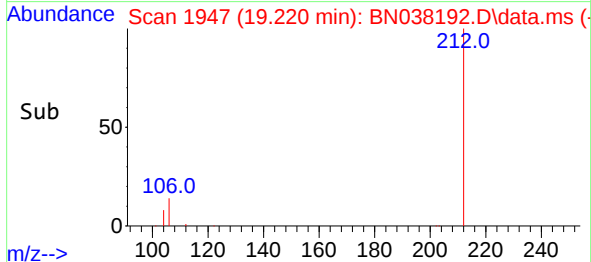
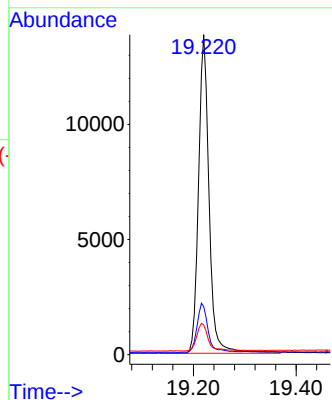
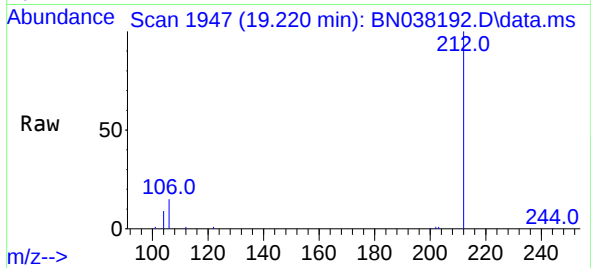




#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

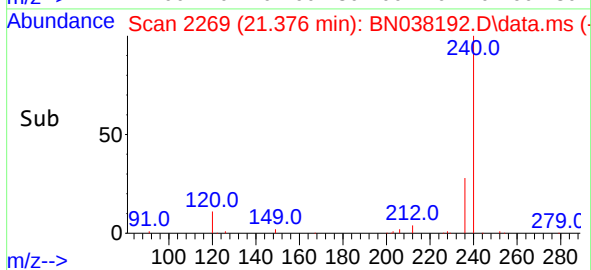
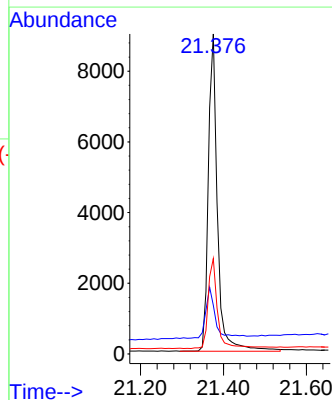
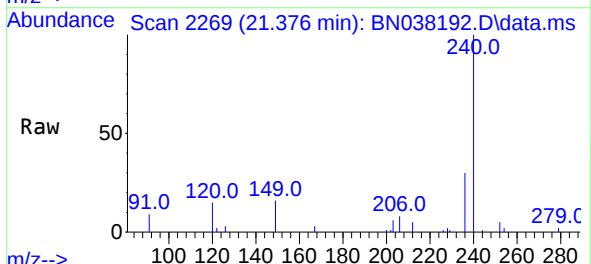
Instrument :
BNA_N
ClientSampleId :
EB-2

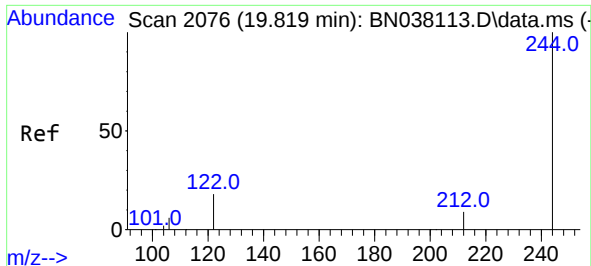
Tgt Ion:212 Resp: 19795
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.7 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:240 Resp: 13728
Ion Ratio Lower Upper
240 100
120 15.2 10.7 16.1
236 29.8 23.1 34.7

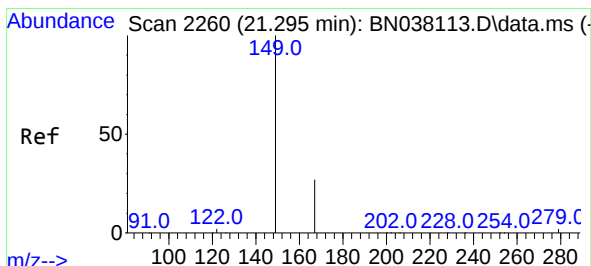
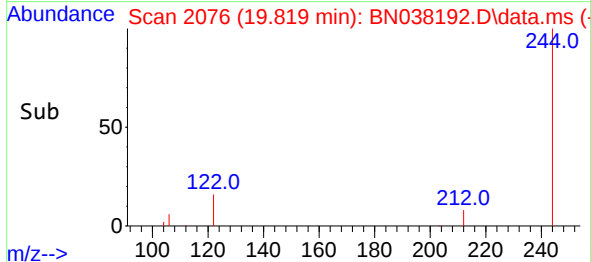
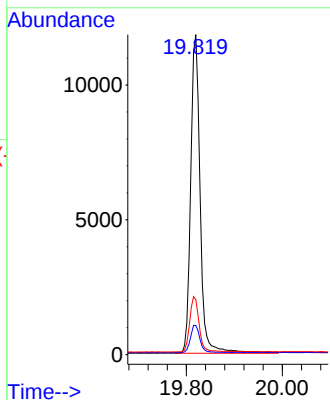
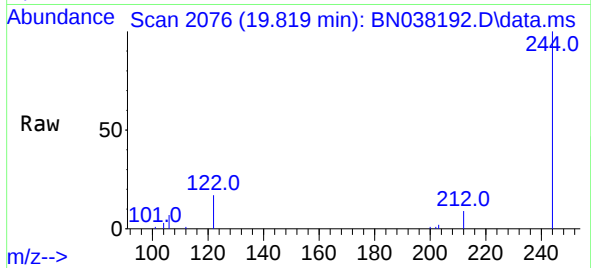




#31
 Terphenyl-d14
 Concen: 0.543 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038192.D
 Acq: 12 Nov 2025 14:58

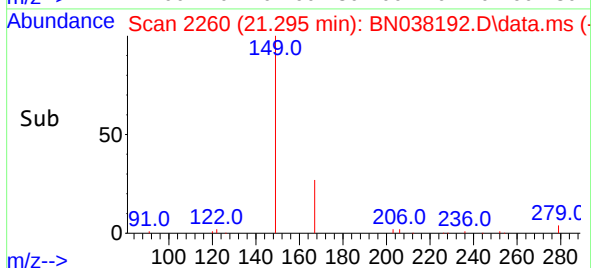
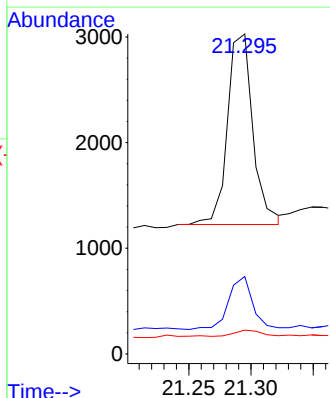
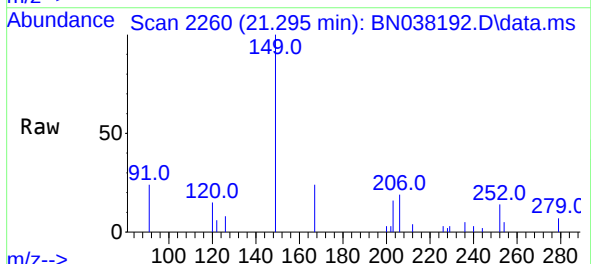
Instrument :
 BNA_N
 ClientSampleId :
 EB-2

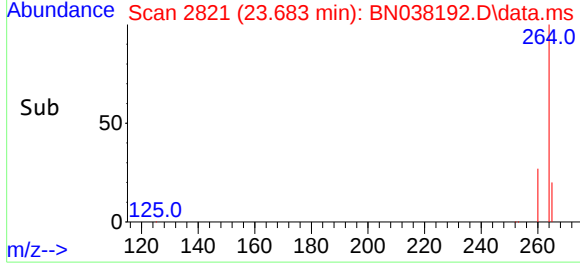
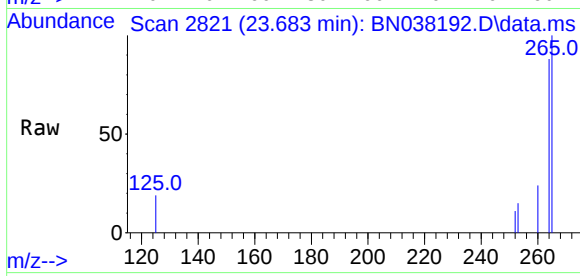
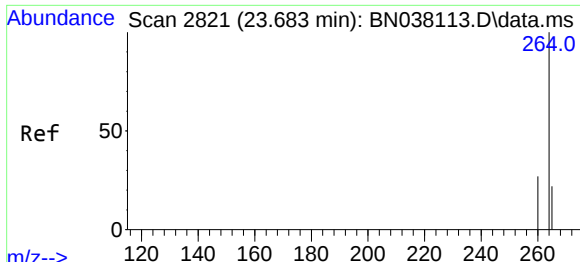
Tgt Ion:244 Resp: 16190
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.8 11.6
 122 17.2 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038192.D
 Acq: 12 Nov 2025 14:58

Tgt Ion:149 Resp: 2560
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.1 31.7
 279 3.6 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: BN038192.D
 Acq: 12 Nov 2025 14:58

Instrument :
 BNA_N
 ClientSampleId :
 EB-2

Tgt Ion:264 Resp: 13529

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.8	32.8
265	113.7	68.6	102.8#

