

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038245.D
 Acq On : 02 Dec 2025 02:55
 Operator : RC/JU
 Sample : Q3692-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 02 03:25:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

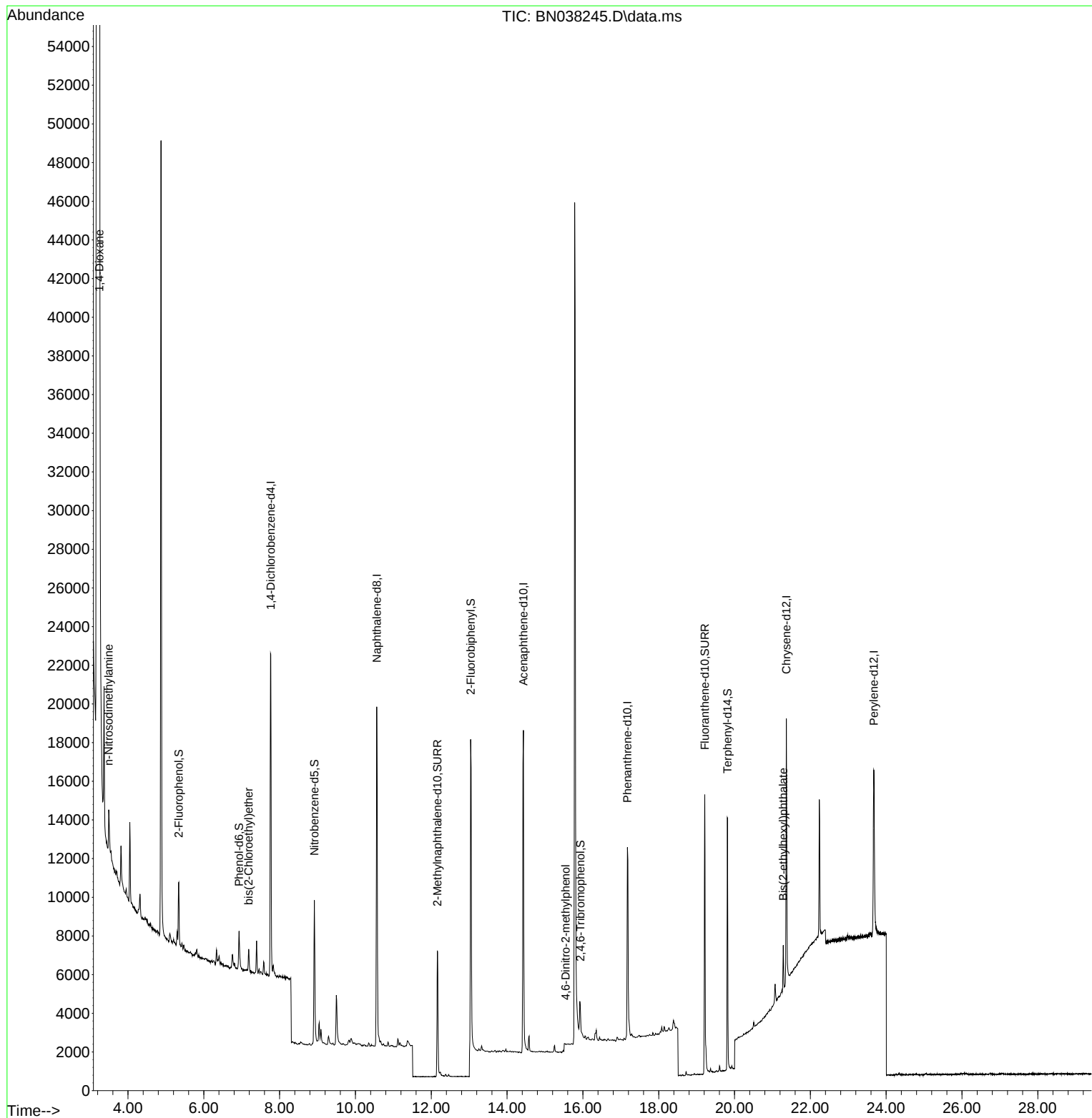
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8503	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	23841	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	10821	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	17177	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	13060	0.400	ng	0.00
35) Perylene-d12	23.674	264	13401	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	2818	0.142	ng	0.00
5) Phenol-d6	6.930	99	1899	0.076	ng	0.00
8) Nitrobenzene-d5	8.918	82	6594	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	9907	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1250	0.367	ng	0.00
15) 2-Fluorobiphenyl	13.041	172	15343	0.367	ng	-0.01
27) Fluoranthene-d10	19.215	212	16228	0.436	ng	0.00
31) Terphenyl-d14	19.815	244	13093	0.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	44228	4.938	ng	97
3) n-Nitrosodimethylamine	3.492	42	739	0.067	ng	# 1
6) bis(2-Chloroethyl)ether	7.183	93	973	0.041	ng	96
20) 4,6-Dinitro-2-methylph...	15.547	198	7	0.176	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.286	149	2610	0.108	ng	# 91

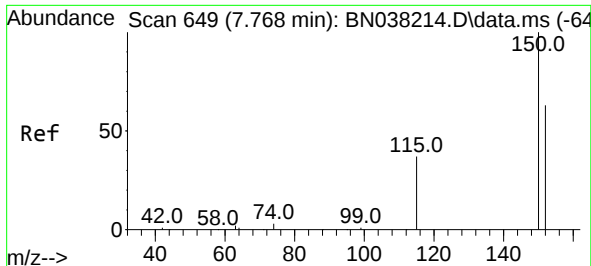
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
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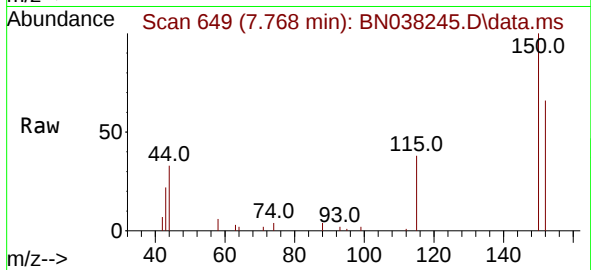
Quant Time: Dec 02 03:25:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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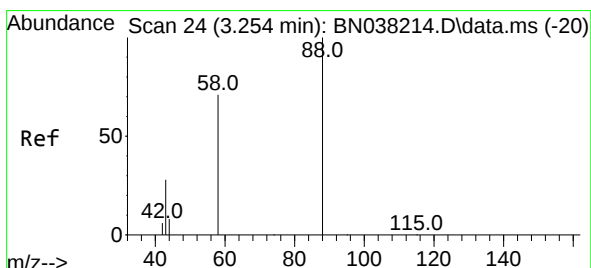
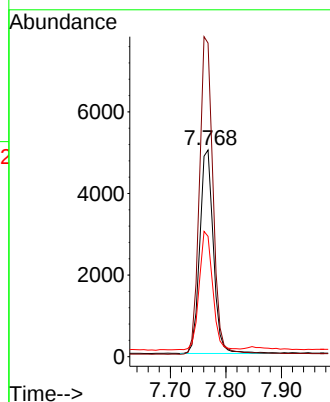
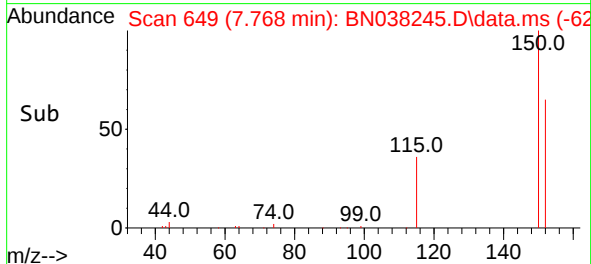


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

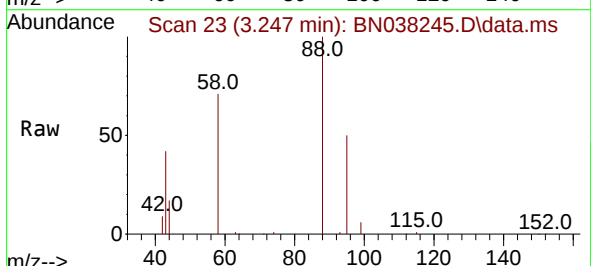
Instrument :
 BNA_N
 ClientSampleId :



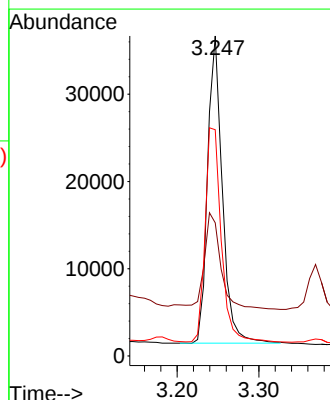
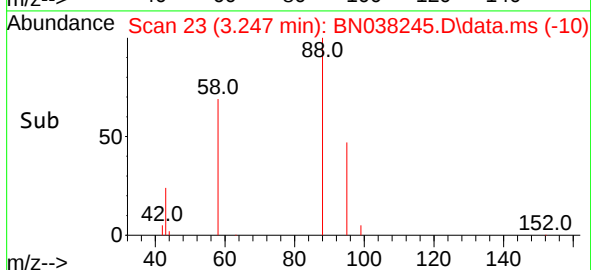
Tgt Ion:152 Resp: 8503
 Ion Ratio Lower Upper
 152 100
 150 151.7 125.3 187.9
 115 58.2 49.0 73.4

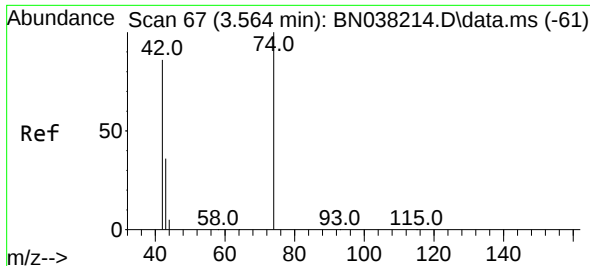


#2
 1,4-Dioxane
 Concen: 4.938 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55



Tgt Ion: 88 Resp: 44228
 Ion Ratio Lower Upper
 88 100
 43 36.5 24.8 37.2
 58 76.1 61.1 91.7

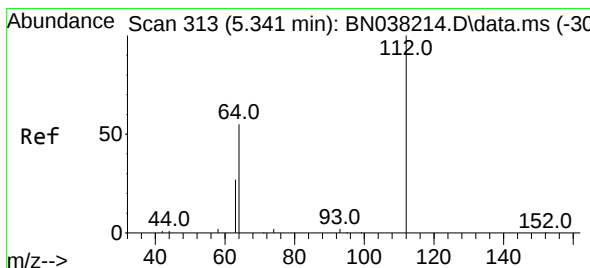
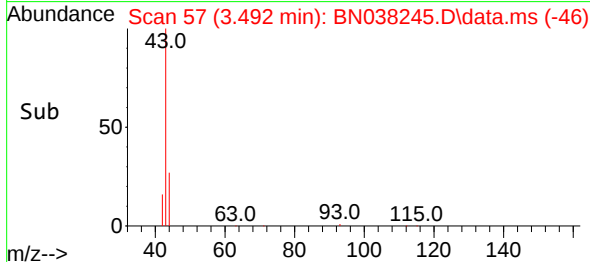
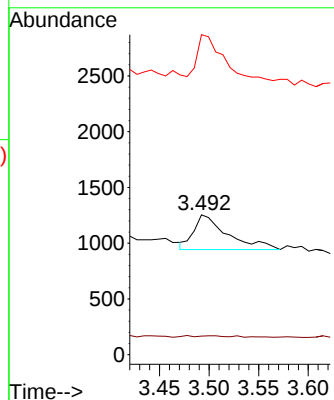
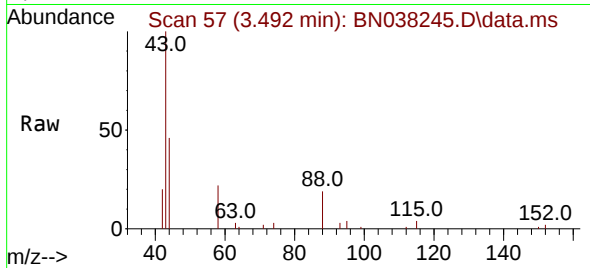




#3
 n-Nitrosodimethylamine
 Concen: 0.067 ng
 RT: 3.492 min Scan# 51
 Delta R.T. -0.072 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

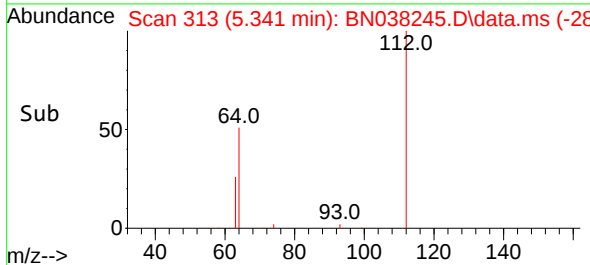
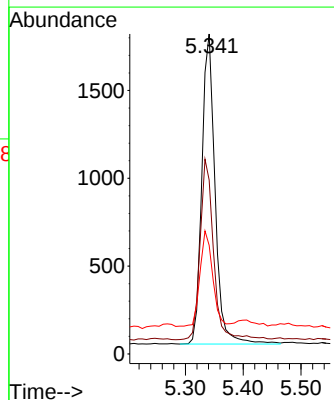
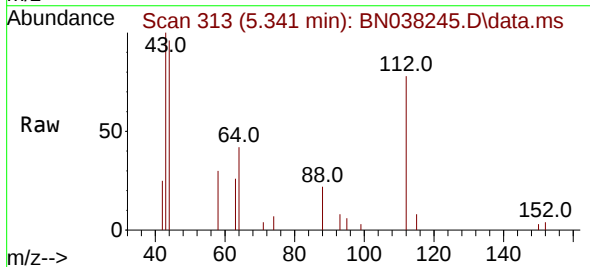
Instrument :
 BNA_N
 ClientSampleId :

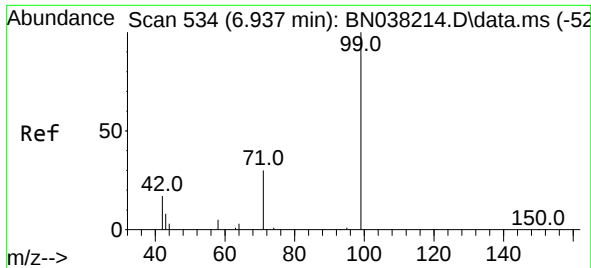
Tgt Ion: 42 Resp: 739
 Ion Ratio Lower Upper
 42 100
 74 1.4 96.2 144.2#
 44 152.0 8.0 12.0#



#4
 2-Fluorophenol
 Concen: 0.142 ng
 RT: 5.341 min Scan# 313
 Delta R.T. 0.000 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

Tgt Ion: 112 Resp: 2818
 Ion Ratio Lower Upper
 112 100
 64 59.3 45.0 67.4
 63 30.2 23.2 34.8

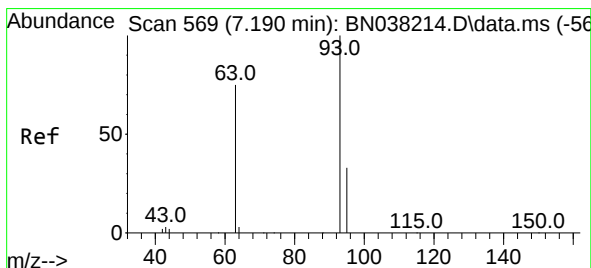
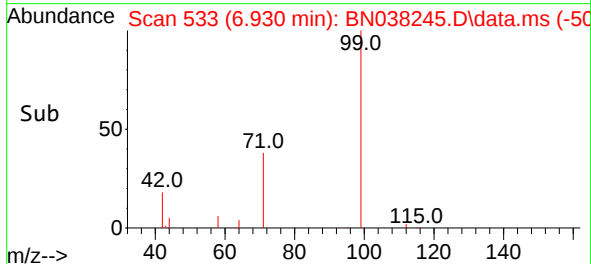
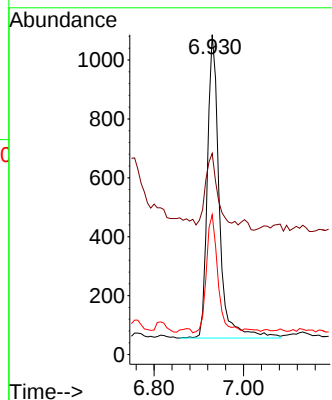
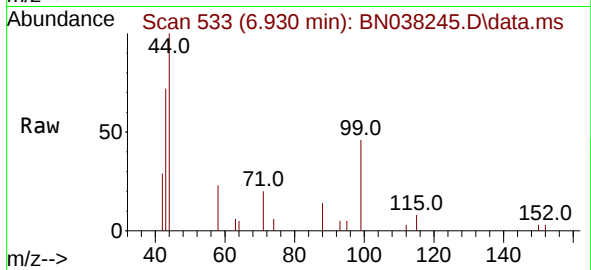




#5
Phenol-d6
Concen: 0.076 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

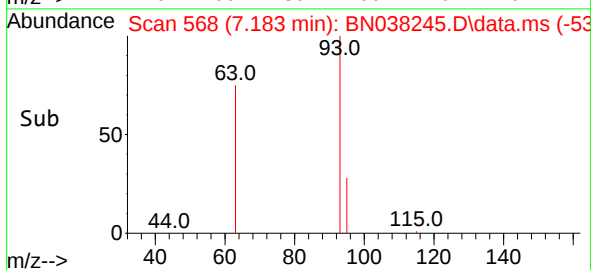
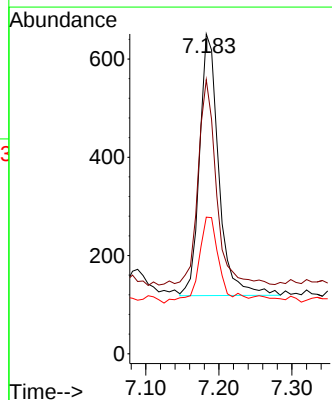
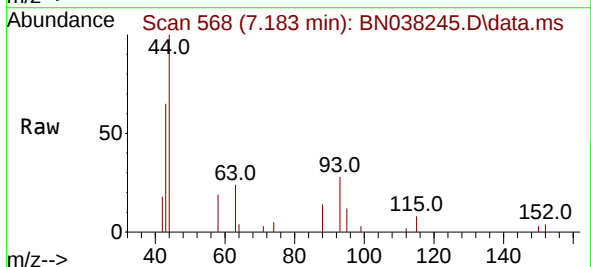
Instrument :
BNA_N
ClientSampleId :

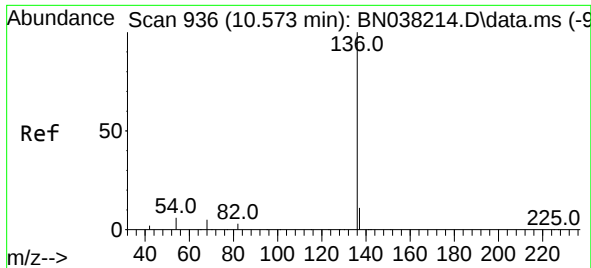
Tgt Ion:	99	Resp:	1899
Ion	Ratio	Lower	Upper
99	100		
42	24.3	17.0	25.6
71	37.4	25.4	38.2



#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

Tgt Ion:	93	Resp:	973
Ion	Ratio	Lower	Upper
93	100		
63	75.0	58.1	87.1
95	35.8	25.1	37.7

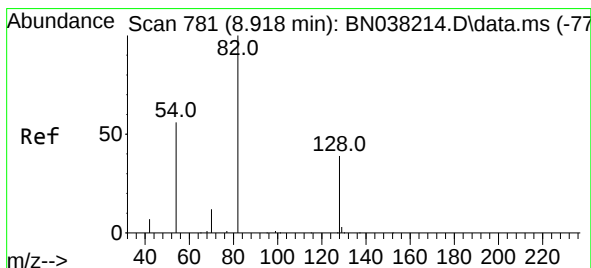
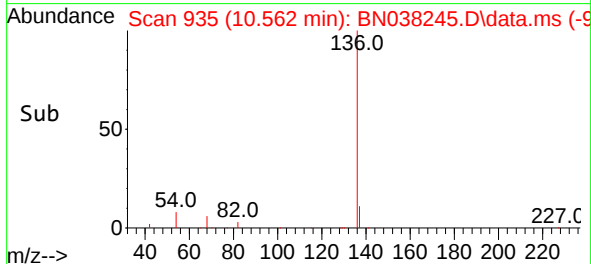
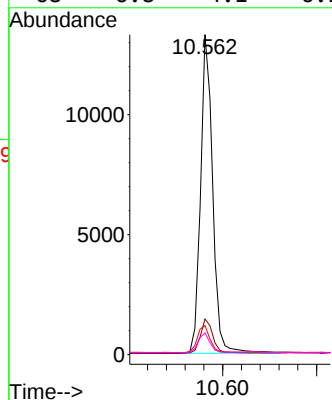
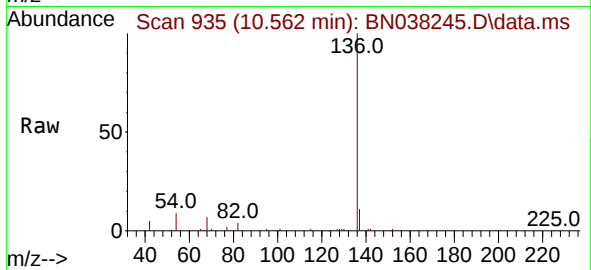




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

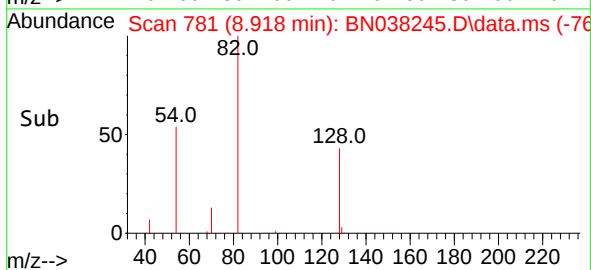
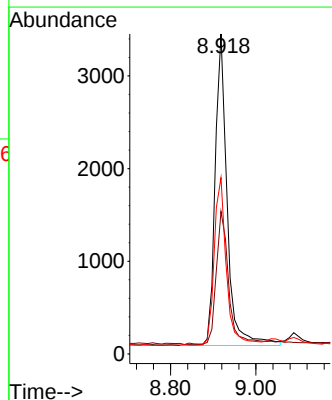
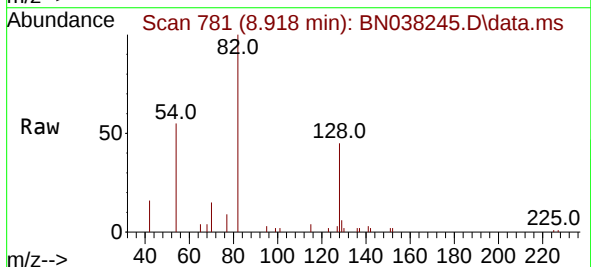
Instrument :
BNA_N
ClientSampleId :

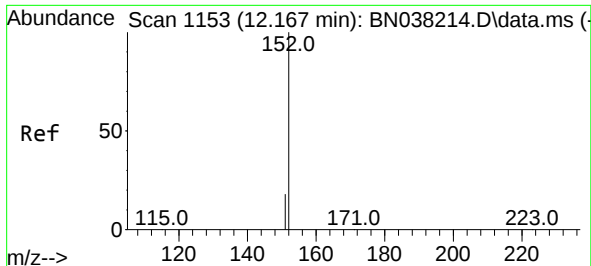
Tgt Ion:136 Resp: 23841
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.1 5.4 8.0#
68 6.8 4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

Tgt Ion: 82 Resp: 6594
Ion Ratio Lower Upper
82 100
128 44.6 32.6 48.8
54 55.1 45.4 68.0

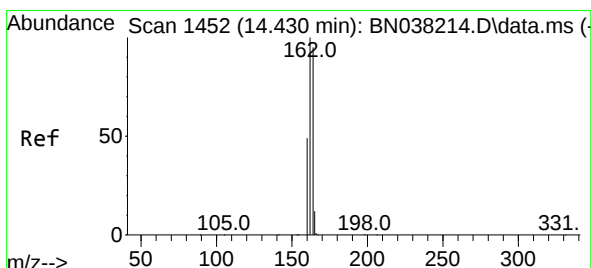
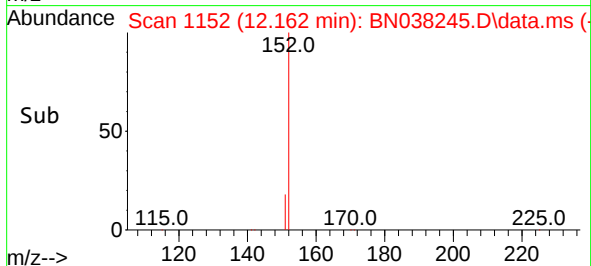
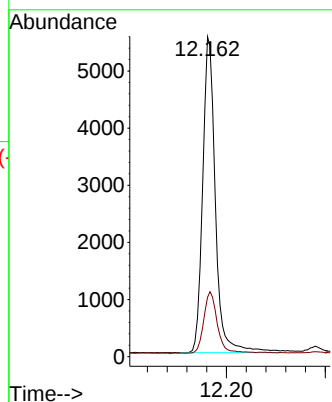
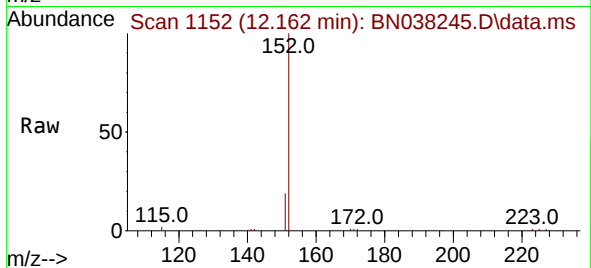




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

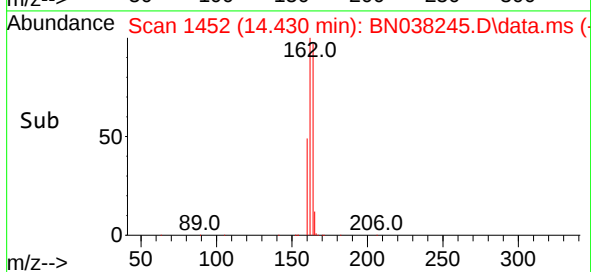
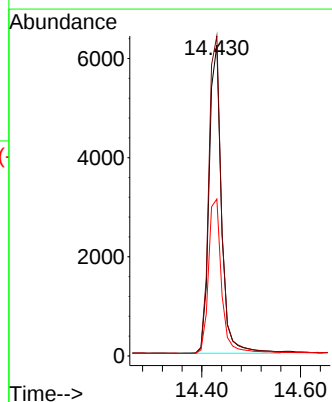
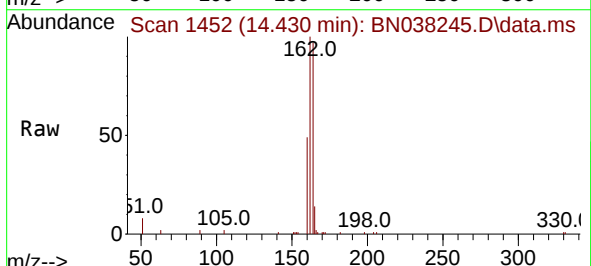
Instrument :
BNA_N
ClientSampleId :

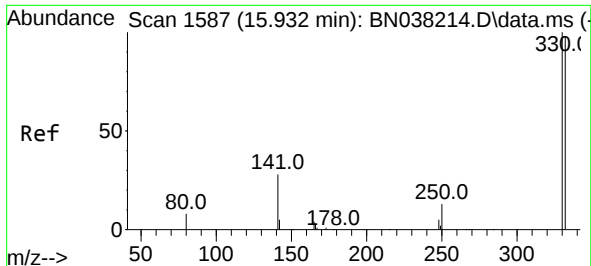
Tgt Ion:152 Resp: 9907
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

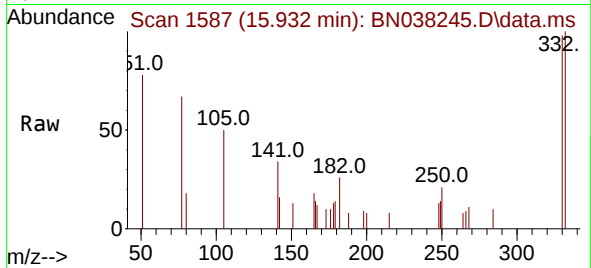
Tgt Ion:164 Resp: 10821
Ion Ratio Lower Upper
164 100
162 103.0 83.8 125.8
160 50.5 41.6 62.4



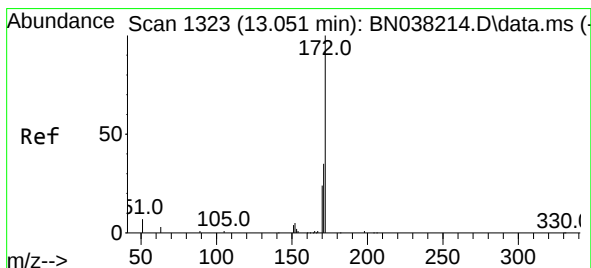
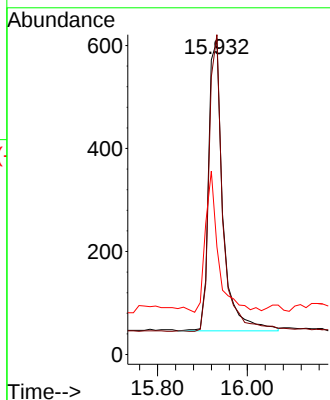
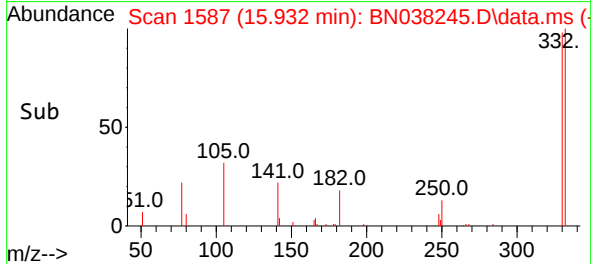


#14
 2,4,6-Tribromophenol
 Concen: 0.367 ng
 RT: 15.932 min Scan# 1587
 Delta R.T. 0.000 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

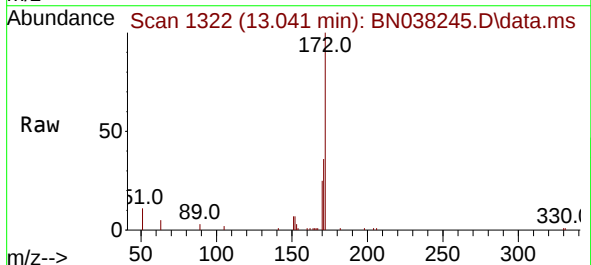
Instrument :
 BNA_N
 ClientSampleId :



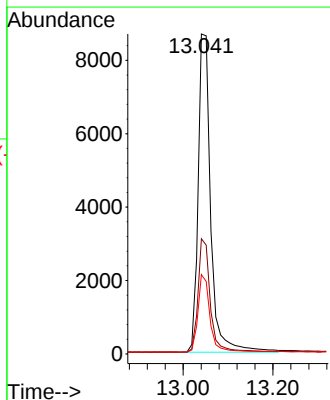
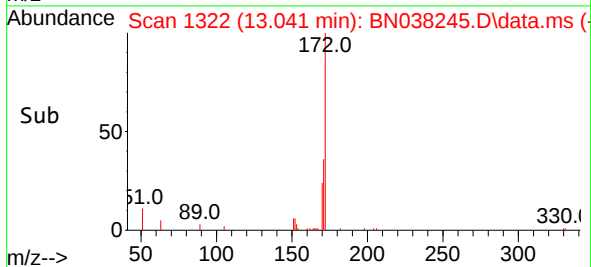
Tgt Ion:330 Resp: 1250
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.8 116.6
 141 43.9 33.0 49.4

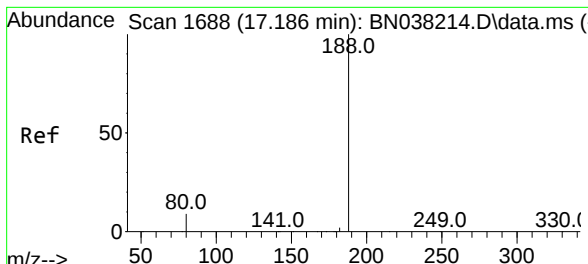


#15
 2-Fluorobiphenyl
 Concen: 0.367 ng
 RT: 13.041 min Scan# 1322
 Delta R.T. -0.010 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55



Tgt Ion:172 Resp: 15343
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.1 42.1
 170 24.8 19.1 28.7

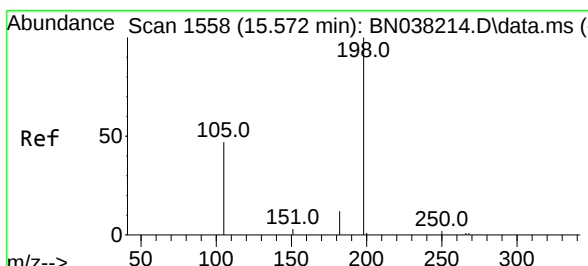
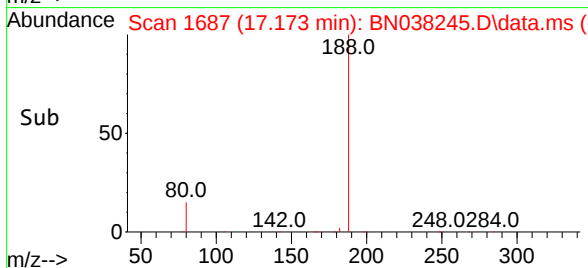
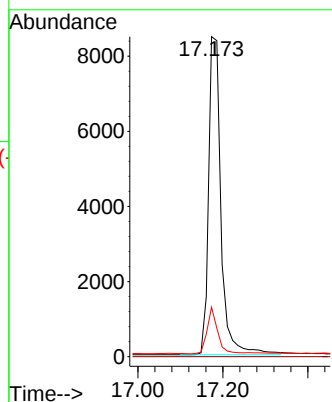
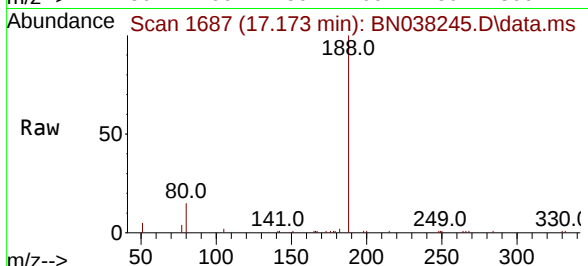




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 17177
Delta R.T. -0.012 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

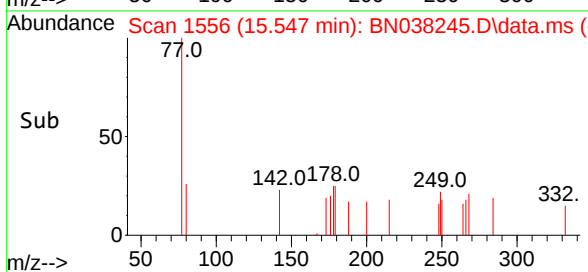
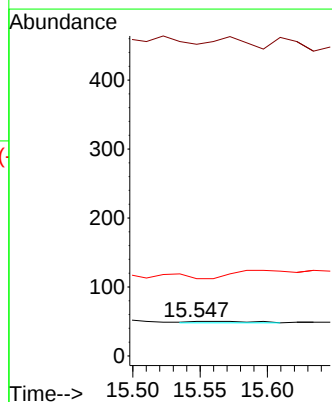
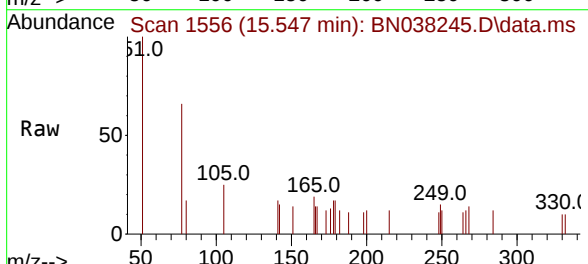
Instrument :
BNA_N
ClientSampleId :

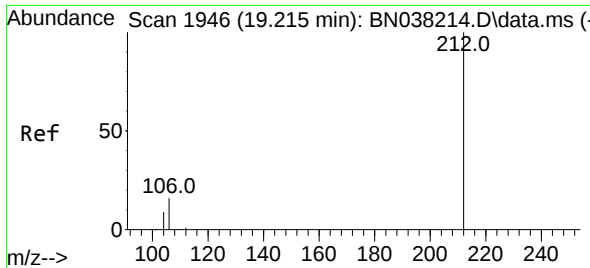
Tgt Ion:188 Resp: 17177
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 7.7 11.5#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.547 min Scan# 1556
Delta R.T. -0.025 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

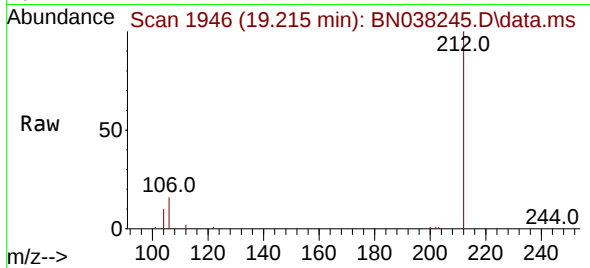
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 904.0 205.1 307.7#
105 224.0 61.6 92.4#



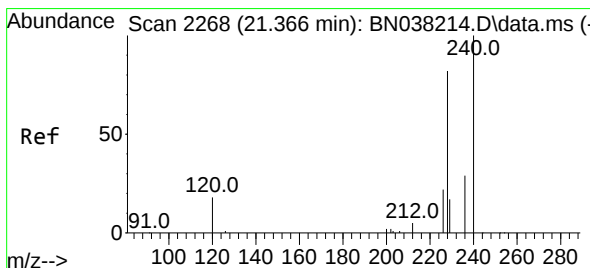
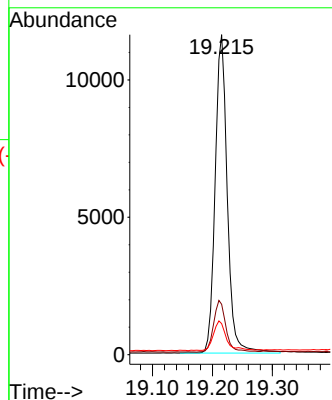
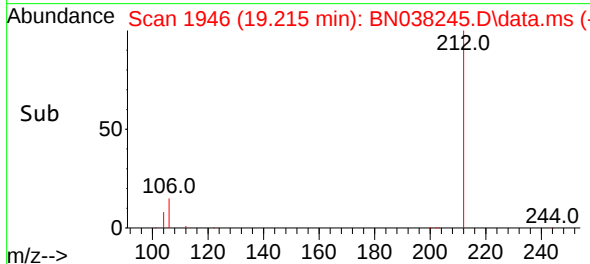


#27
Fluoranthene-d10
Concen: 0.436 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

Instrument :
BNA_N
ClientSampleId :

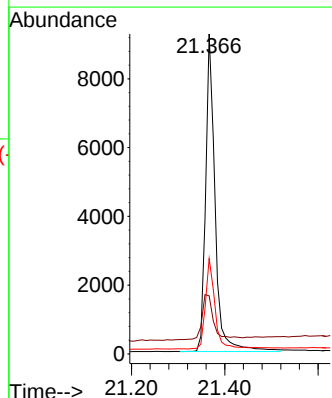
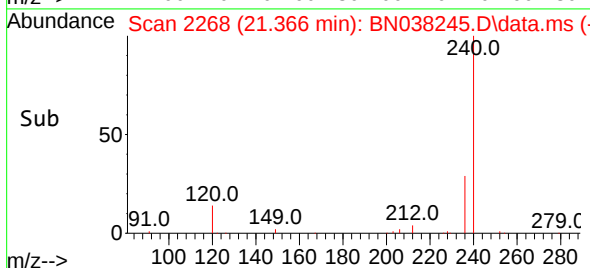
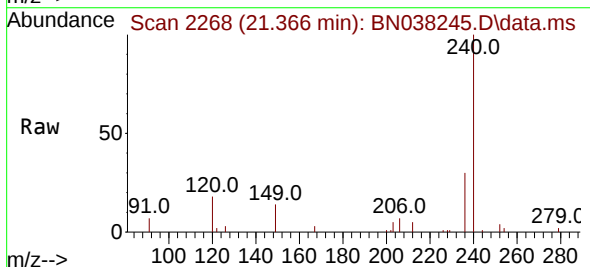


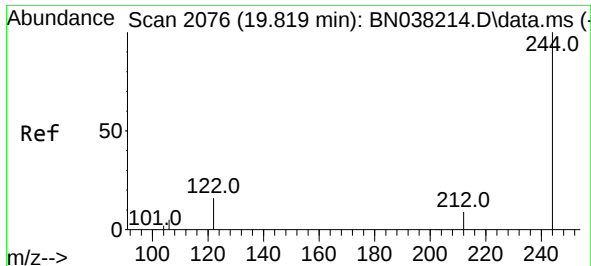
Tgt Ion:212 Resp: 16228
Ion Ratio Lower Upper
212 100
106 16.5 12.7 19.1
104 10.1 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

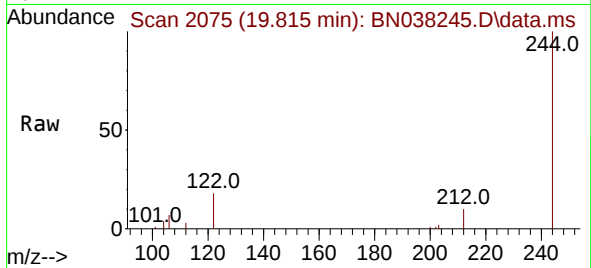
Tgt Ion:240 Resp: 13060
Ion Ratio Lower Upper
240 100
120 18.1 18.1 27.1
236 29.8 24.2 36.4



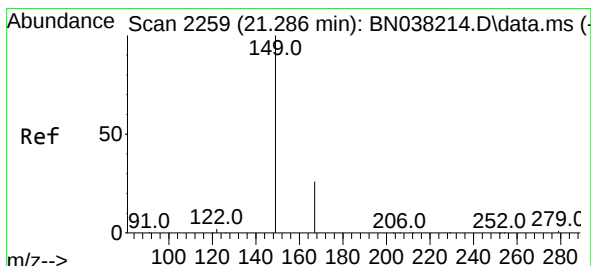
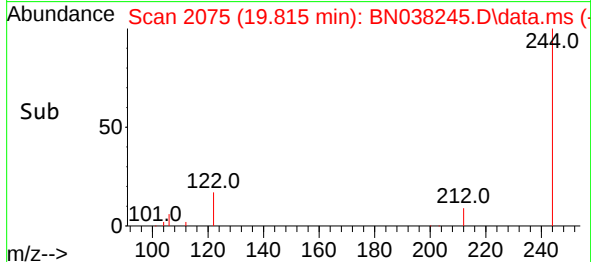
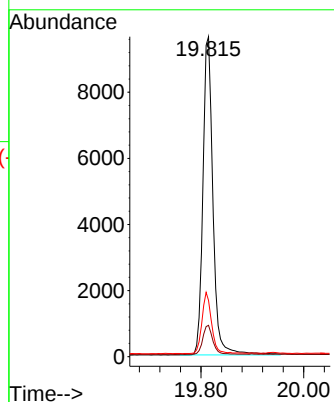


#31
 Terphenyl-d14
 Concen: 0.434 ng
 RT: 19.815 min Scan# 2076
 Delta R.T. -0.005 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

Instrument :
 BNA_N
 ClientSampleId :

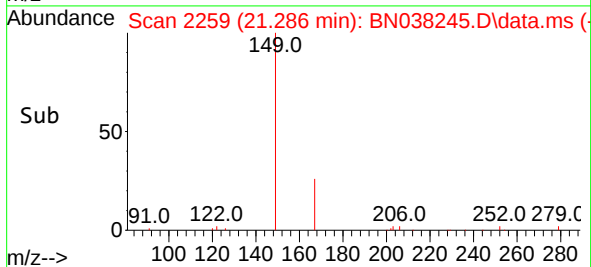
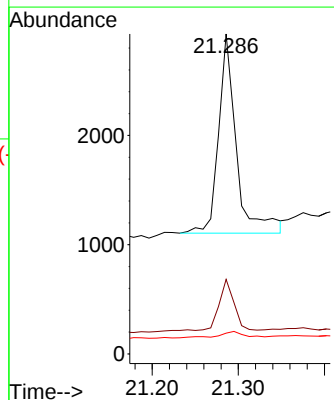
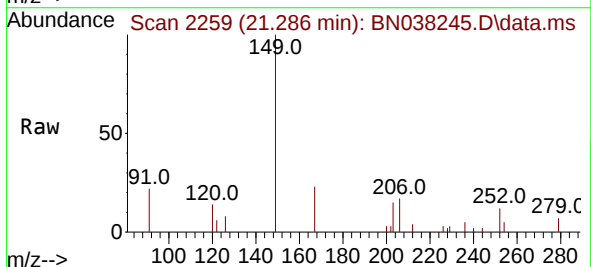


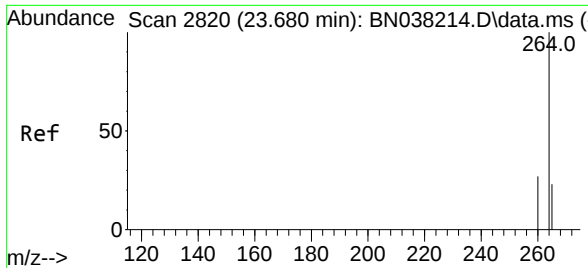
Tgt Ion:244 Resp: 13093
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.7 11.5
 122 17.6 13.6 20.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.286 min Scan# 2259
 Delta R.T. 0.000 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

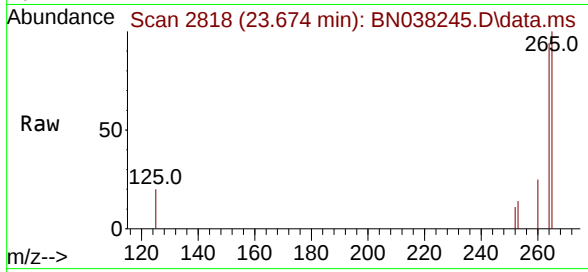
Tgt Ion:149 Resp: 2610
 Ion Ratio Lower Upper
 149 100
 167 21.2 20.7 31.1
 279 4.4 2.5 3.7#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 13401

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.7	32.5
265	106.8	98.0	147.0

