

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037912.D
 Acq On : 26 Sep 2025 05:54
 Operator : RC/JU
 Sample : Q3156-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 07:39:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

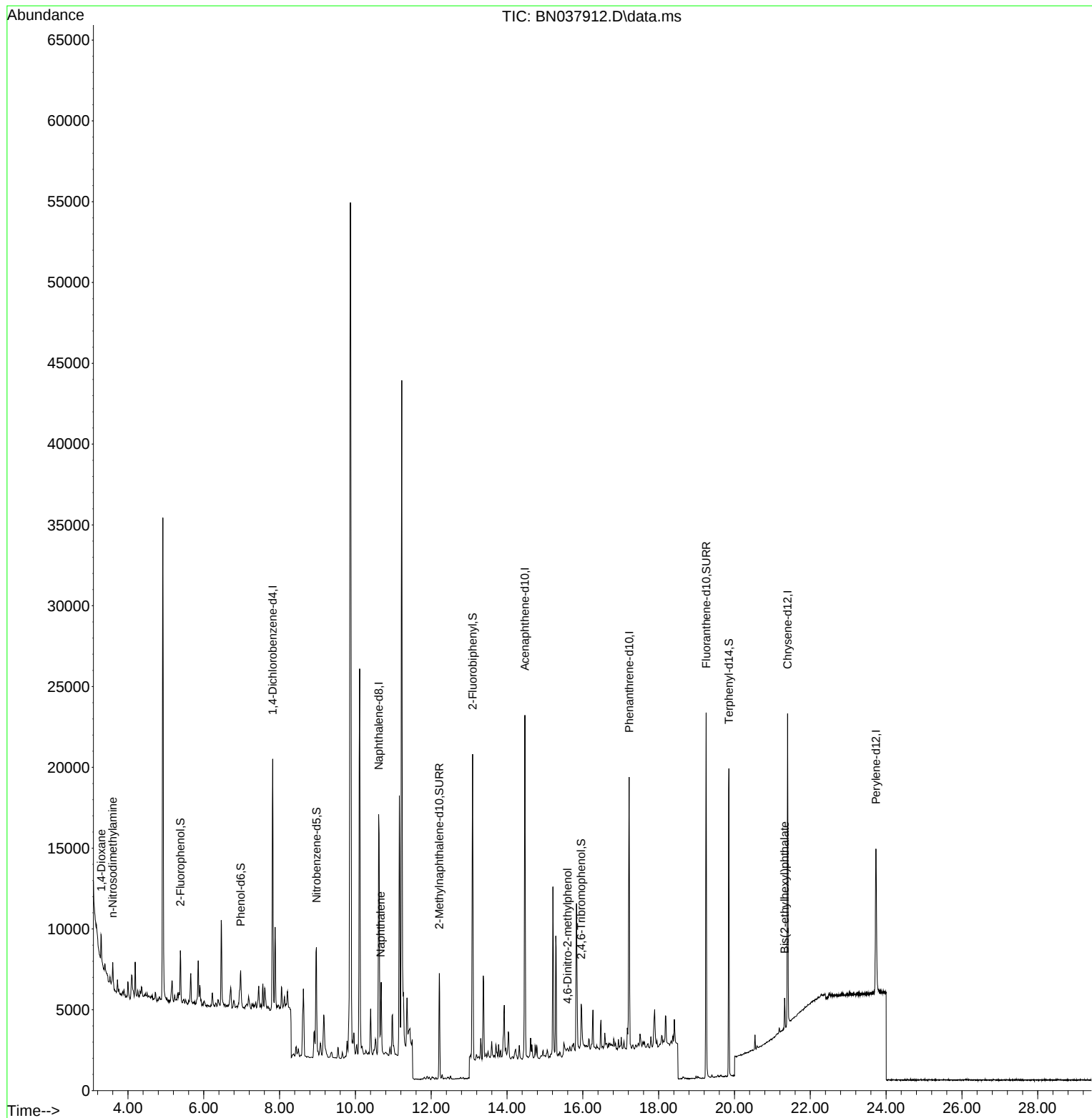
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7190	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	20705	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	11165	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	22532	0.400	ng	0.00
29) Chrysene-d12	21.402	240	16225	0.400	ng	0.00
35) Perylene-d12	23.733	264	12882	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2509	0.153	ng	0.00
5) Phenol-d6	6.973	99	1887	0.088	ng	0.00
8) Nitrobenzene-d5	8.971	82	5598	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	12.212	152	8789	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1618	0.382	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	14502	0.317	ng	0.00
27) Fluoranthene-d10	19.252	212	24060	0.424	ng	0.00
31) Terphenyl-d14	19.852	244	17046	0.527	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.297	88	669	0.092	ng	# 1
3) n-Nitrosodimethylamine	3.600	42	245	0.025	ng	# 5
9) Naphthalene	10.669	128	1342	0.024	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.597	198	7	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	1924	0.086	ng	# 98

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

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
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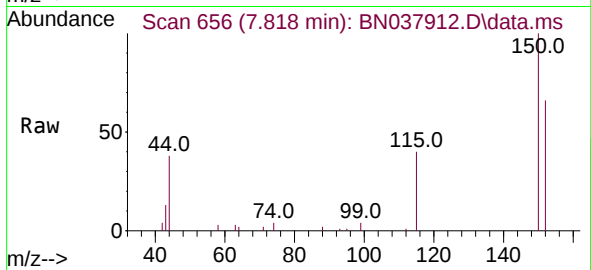
Quant Time: Sep 26 07:39:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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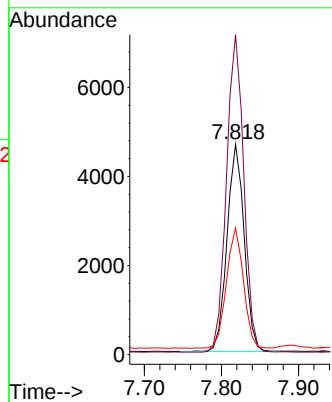
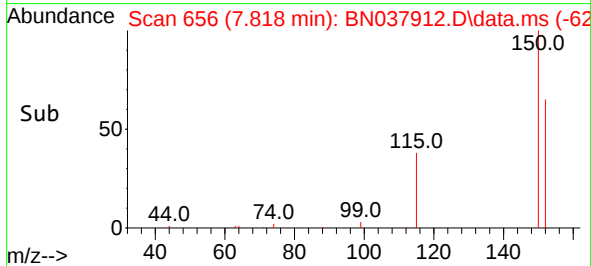


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037912.D
 Acq: 26 Sep 2025 05:54

Instrument :
 BNA_N
 ClientSampleId :

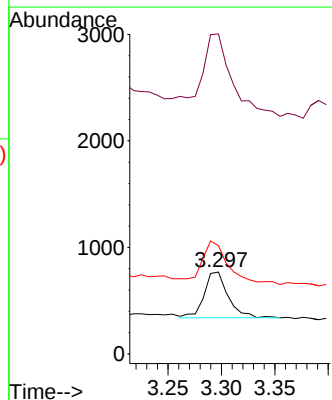
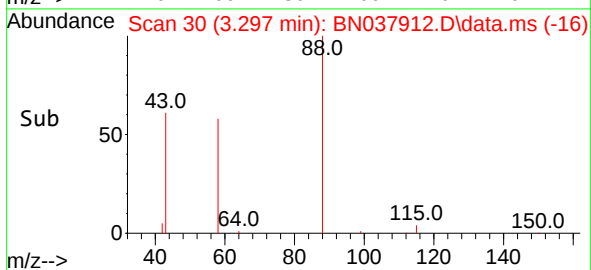
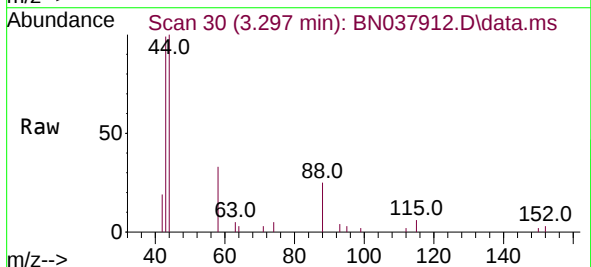


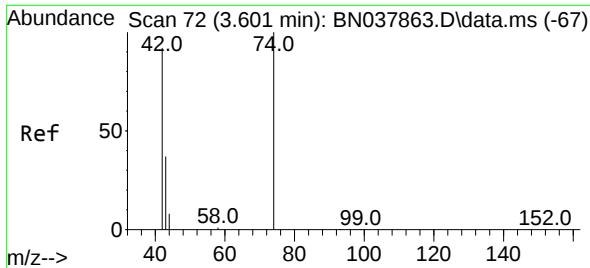
Tgt Ion:152 Resp: 7190
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.0 181.4
 115 60.2 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.092 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN037912.D
 Acq: 26 Sep 2025 05:54

Tgt Ion: 88 Resp: 669
 Ion Ratio Lower Upper
 88 100
 43 219.1 26.6 39.8#
 58 103.7 58.9 88.3#

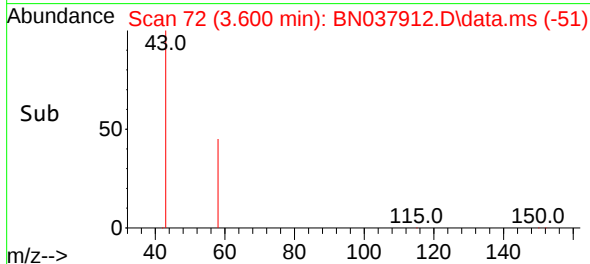
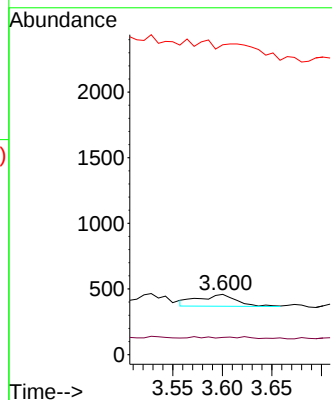
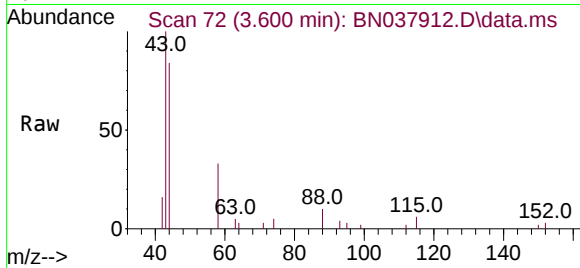




#3
 n-Nitrosodimethylamine
 Concen: 0.025 ng
 RT: 3.600 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN037912.D
 Acq: 26 Sep 2025 05:54

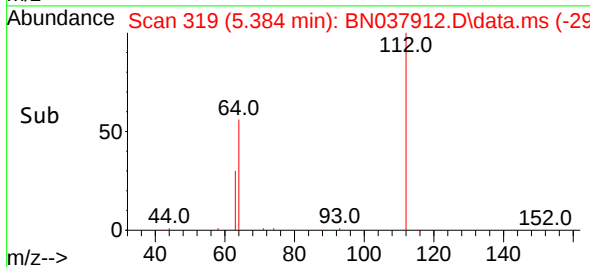
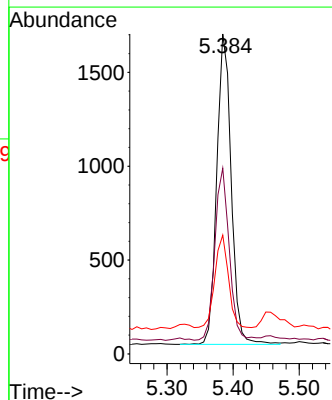
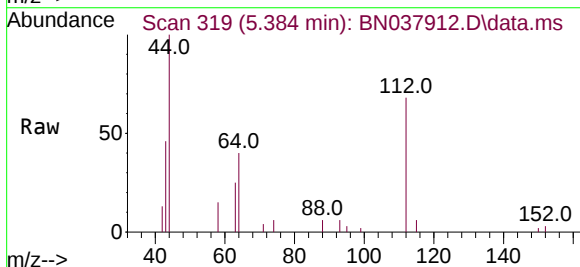
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 42 Resp: 245
 Ion Ratio Lower Upper
 42 100
 74 1.2 93.4 140.0#
 44 0.0 22.2 33.4#



#4
 2-Fluorophenol
 Concen: 0.153 ng
 RT: 5.384 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: BN037912.D
 Acq: 26 Sep 2025 05:54

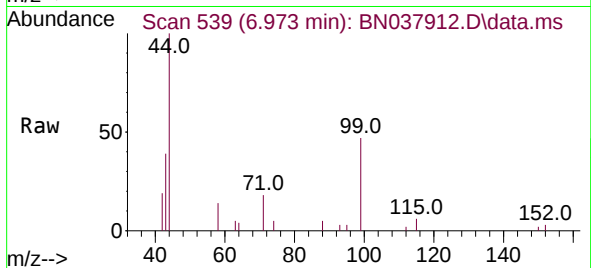
Tgt Ion: 112 Resp: 2509
 Ion Ratio Lower Upper
 112 100
 64 55.3 44.6 66.8
 63 30.0 24.9 37.3



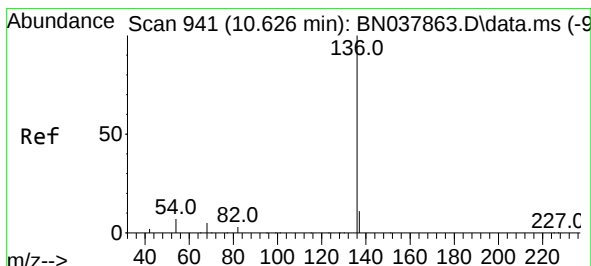
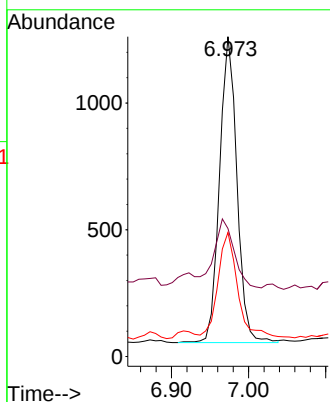
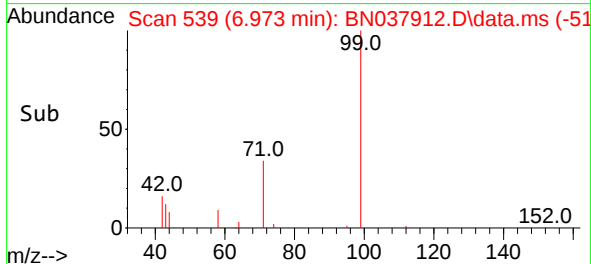


#5
Phenol-d6
Concen: 0.088 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

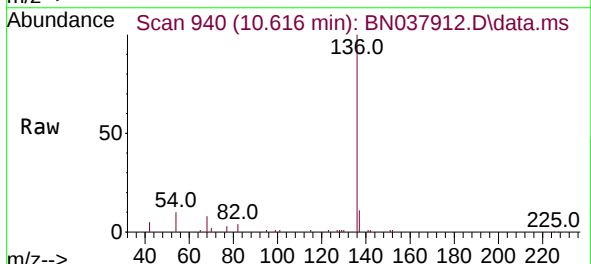
Instrument :
BNA_N
ClientSampleId :



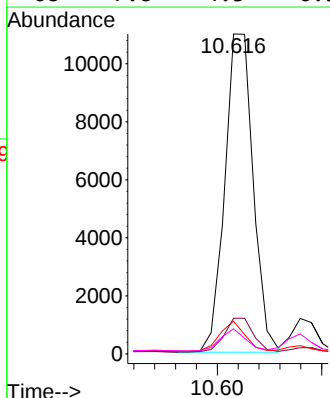
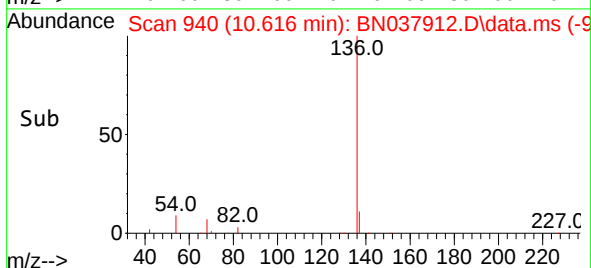
Tgt Ion:	99	Resp:	1887
Ion	Ratio	Lower	Upper
99	100		
42	25.5	17.2	25.8
71	39.0	27.3	40.9

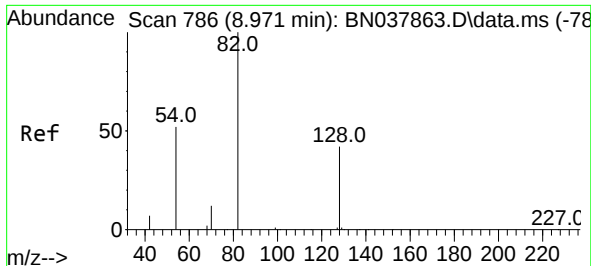


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54



Tgt Ion:	136	Resp:	20705
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.2	5.8	8.8#
68	7.8	4.3	6.5#

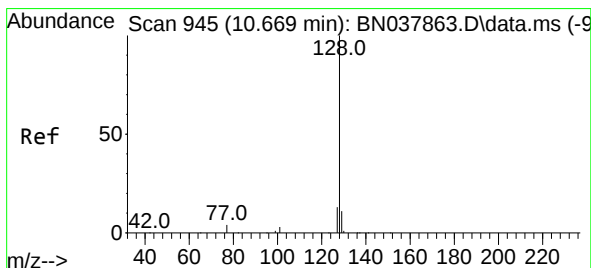
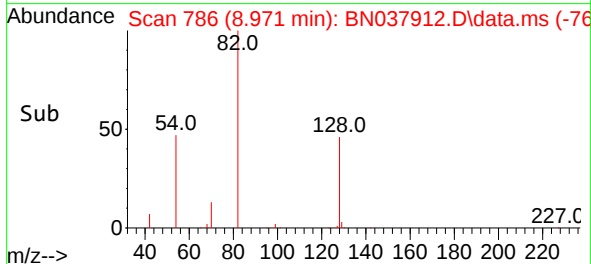
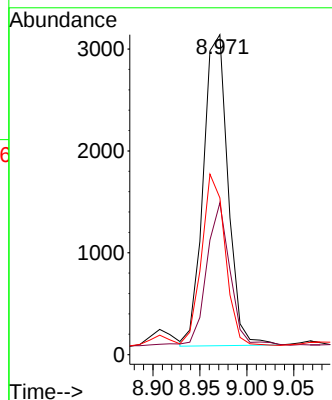
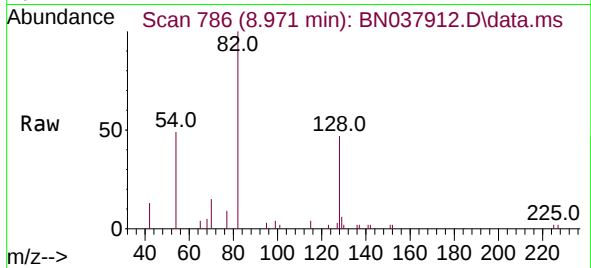




#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

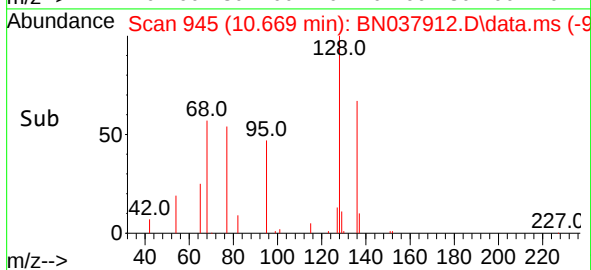
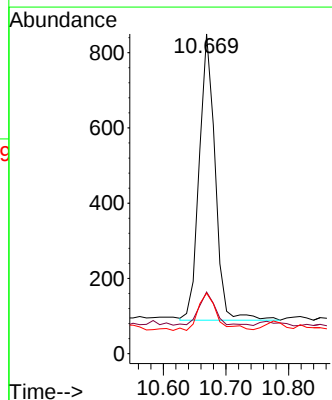
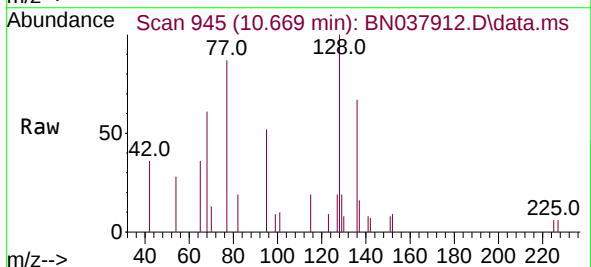
Instrument :
BNA_N
ClientSampleId :

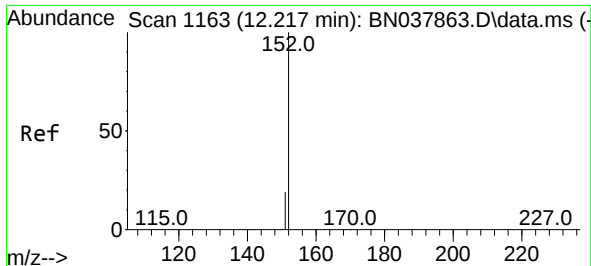
Tgt Ion: 82 Resp: 5598
Ion Ratio Lower Upper
82 100
128 47.4 34.8 52.2
54 49.0 42.2 63.2



#9
Naphthalene
Concen: 0.024 ng
RT: 10.669 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Tgt Ion: 128 Resp: 1342
Ion Ratio Lower Upper
128 100
129 19.3 9.2 13.8#
127 18.9 11.0 16.6#

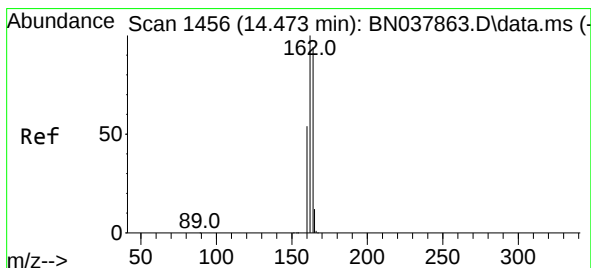
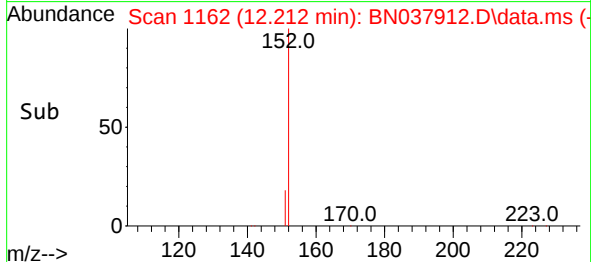
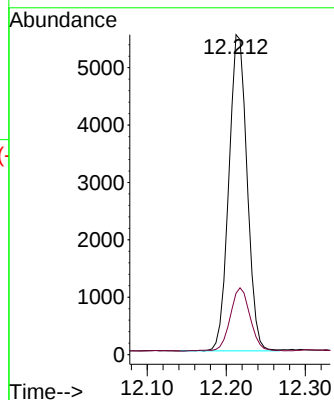
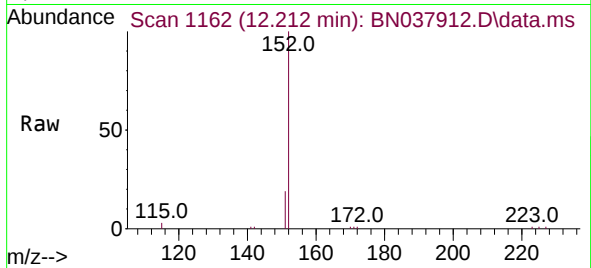




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

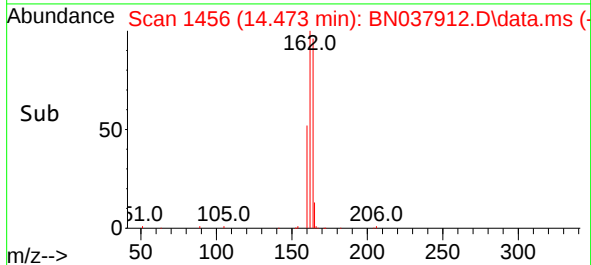
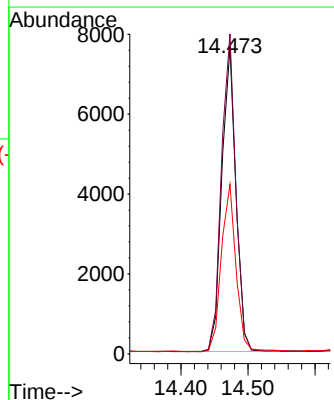
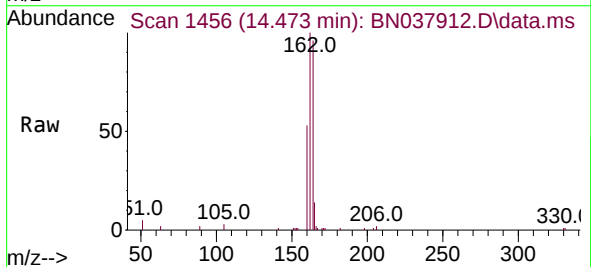
Instrument :
BNA_N
ClientSampleId :

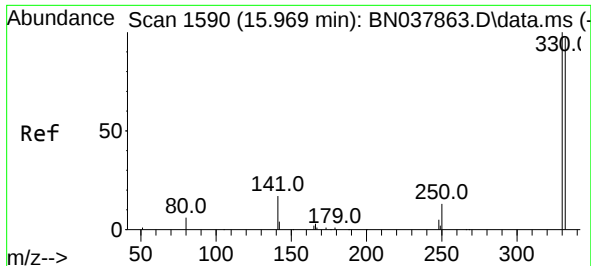
Tgt Ion:152 Resp: 8789
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

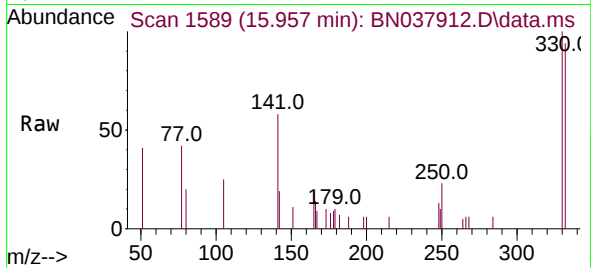
Tgt Ion:164 Resp: 11165
Ion Ratio Lower Upper
164 100
162 104.3 84.8 127.2
160 55.2 46.1 69.1



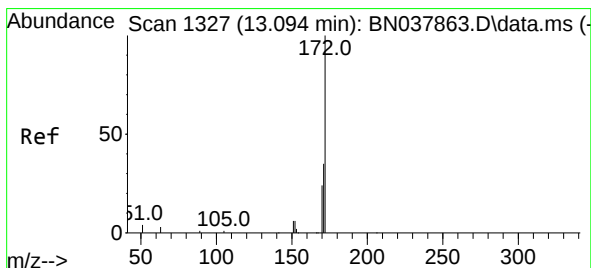
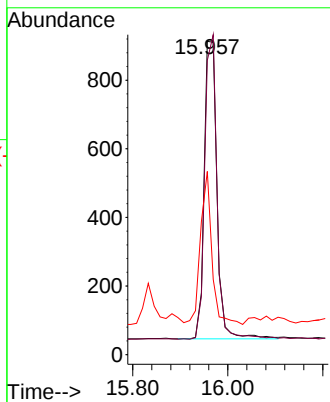
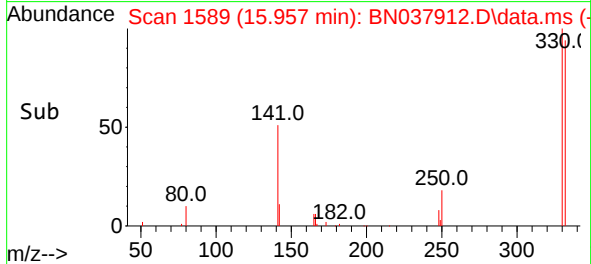


#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 15.957 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BN037912.D
 Acq: 26 Sep 2025 05:54

Instrument :
 BNA_N
 ClientSampleId :

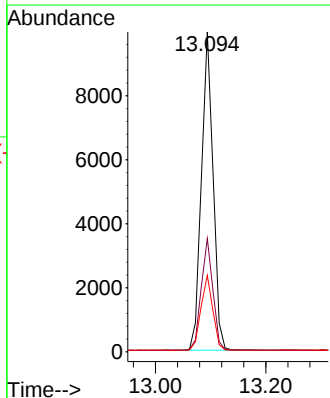
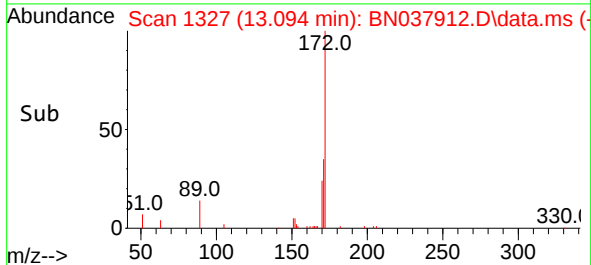
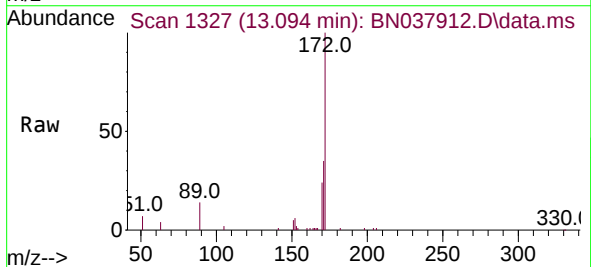


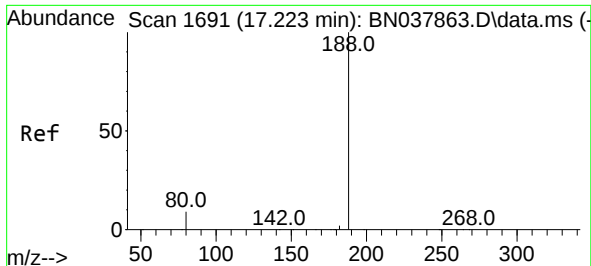
Tgt Ion:330 Resp: 1618
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.2 115.8
 141 45.6 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 0.317 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037912.D
 Acq: 26 Sep 2025 05:54

Tgt Ion:172 Resp: 14502
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.9 19.7 29.5

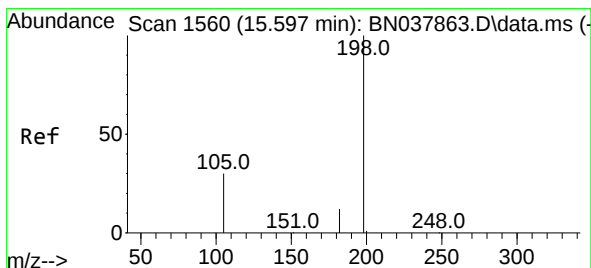
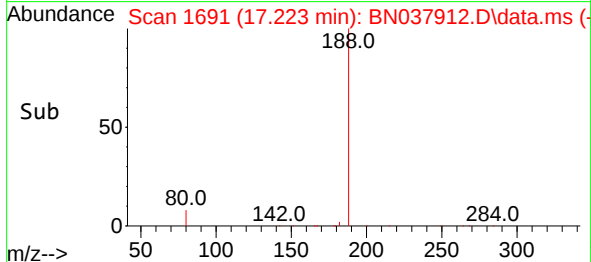
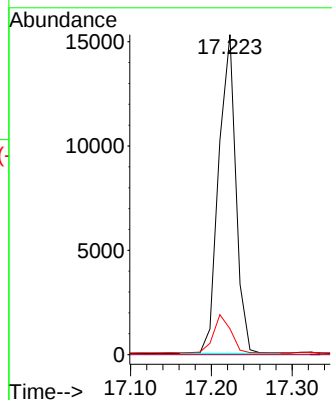
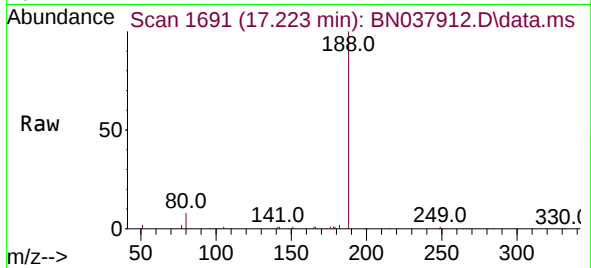




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

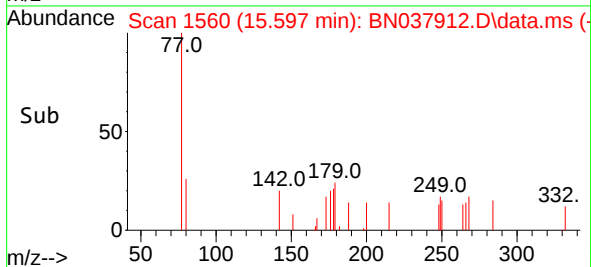
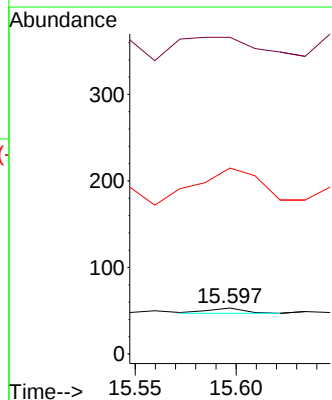
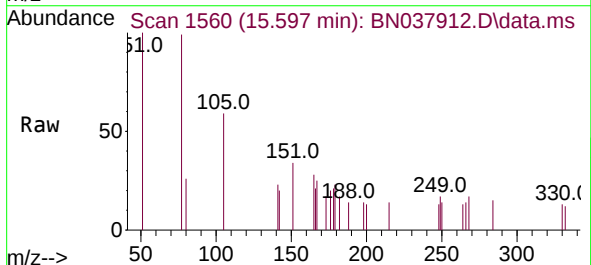
Instrument :
BNA_N
ClientSampleId :

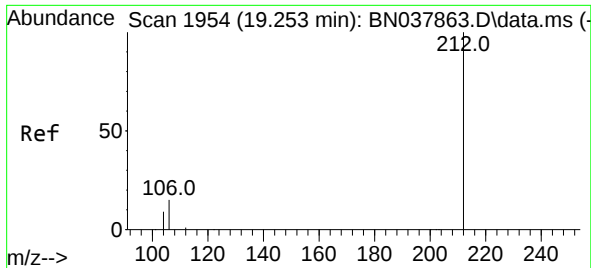
Tgt Ion:188 Resp: 22532
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 690.6 59.1 88.7#
105 405.7 41.3 61.9#

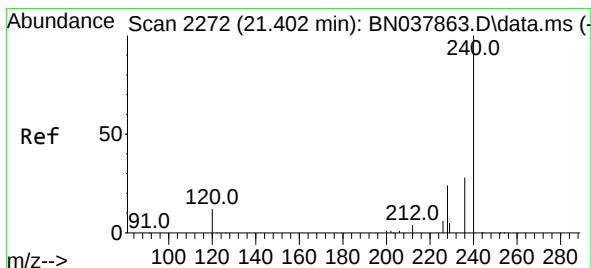
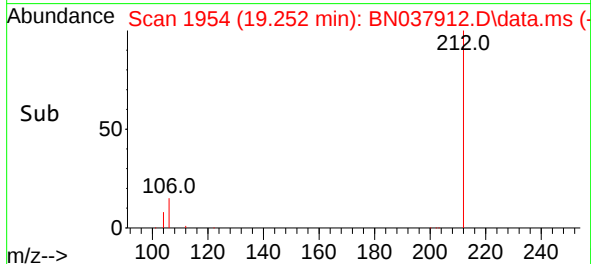
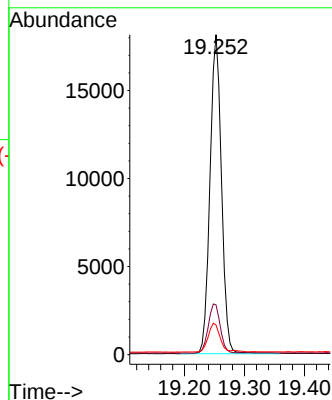
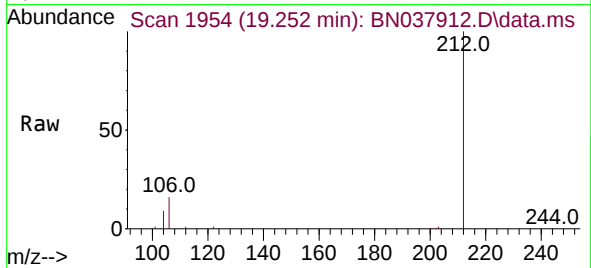




#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

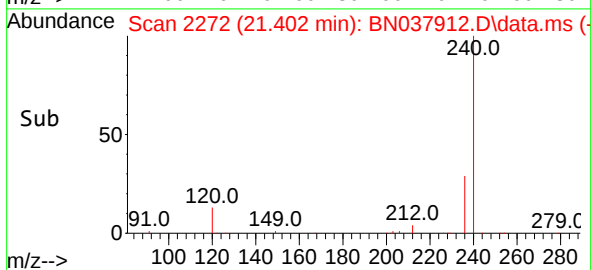
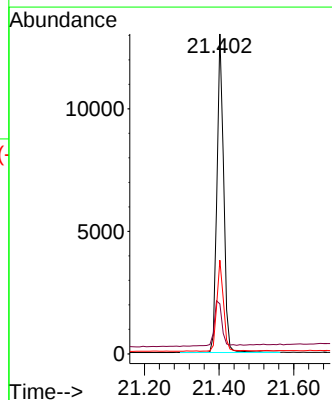
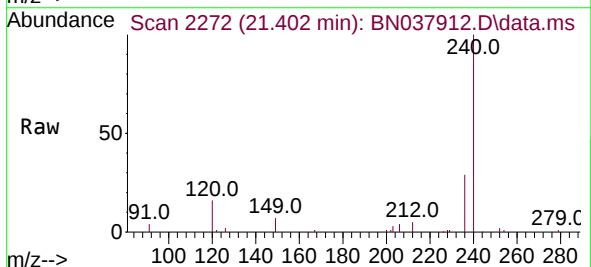
Instrument :
BNA_N
ClientSampleId :

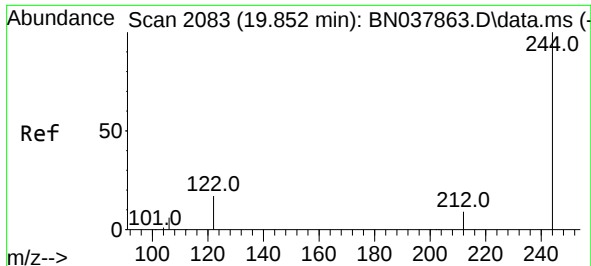
Tgt Ion:212 Resp: 24060
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.5 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

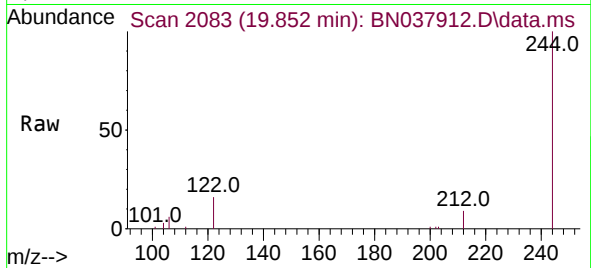
Tgt Ion:240 Resp: 16225
Ion Ratio Lower Upper
240 100
120 15.6 11.4 17.2
236 29.3 23.0 34.6



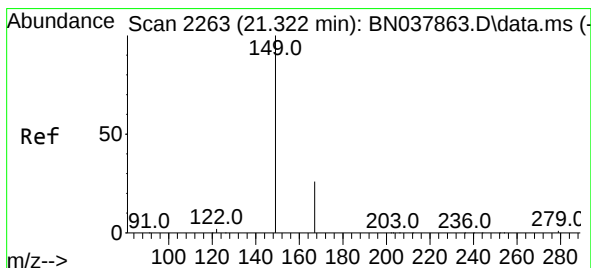
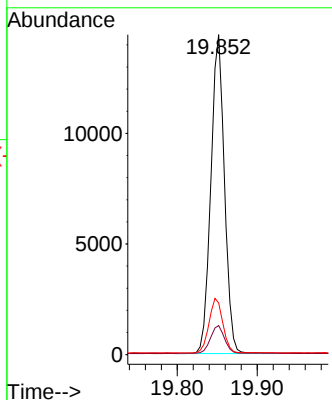


#31
 Terphenyl-d14
 Concen: 0.527 ng
 RT: 19.852 min Scan# 2083
 Delta R.T. -0.000 min
 Lab File: BN037912.D
 Acq: 26 Sep 2025 05:54

Instrument :
 BNA_N
 ClientSampleId :

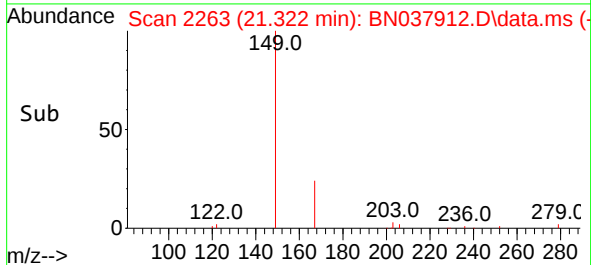
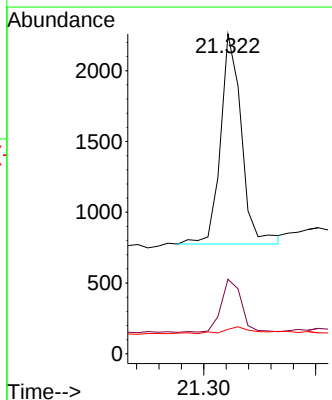
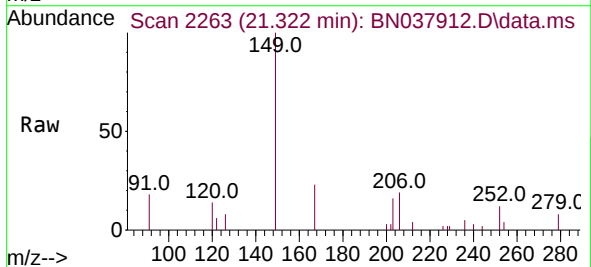


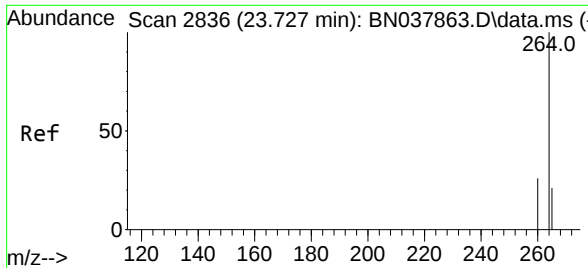
Tgt Ion:244 Resp: 17046
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.6 11.4
 122 16.1 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.086 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. -0.000 min
 Lab File: BN037912.D
 Acq: 26 Sep 2025 05:54

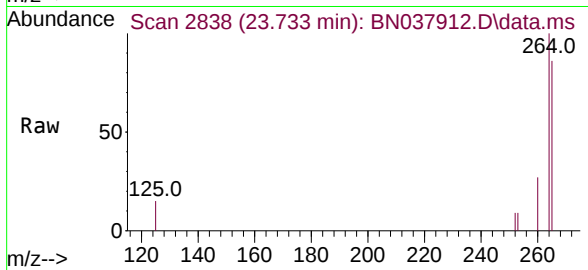
Tgt Ion:149 Resp: 1924
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.4 30.6
 279 4.3 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.733 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	12882
Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.5	32.3
265	85.9	53.8	80.6

