

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037041.D
 Acq On : 19 May 2025 12:38
 Operator : RC/JU
 Sample : Q2064-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP201-70-20250514

Quant Time: May 19 13:18:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

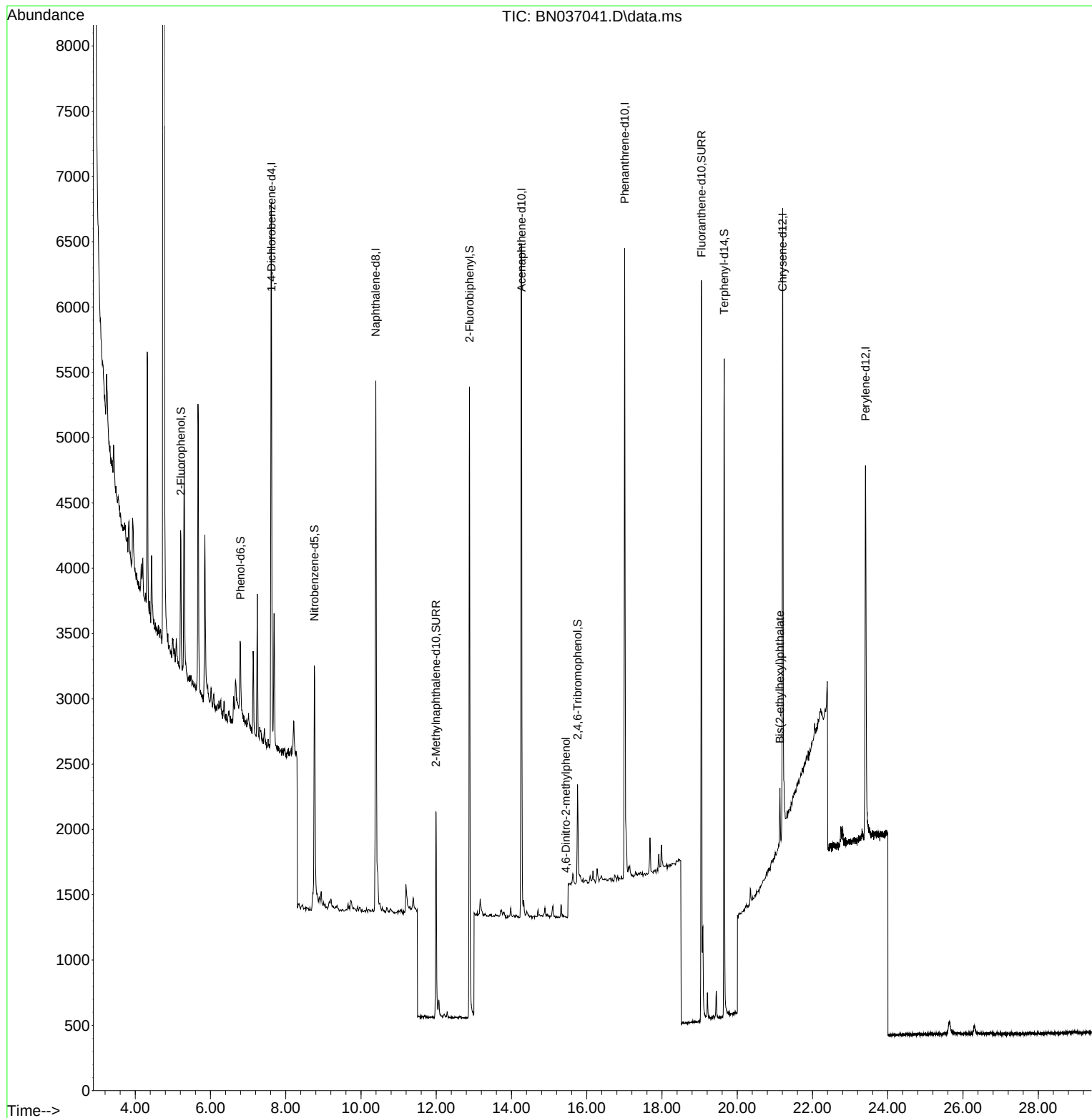
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2118	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5485	0.400	ng	#-0.01
13) Acenaphthene-d10	14.266	164	3246	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6445	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4692	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	3974	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	752	0.136	ng	0.00
5) Phenol-d6	6.795	99	484	0.070	ng	0.00
8) Nitrobenzene-d5	8.760	82	1837	0.308	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2401	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	432	0.303	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4887	0.329	ng	0.00
27) Fluoranthene-d10	19.049	212	6373	0.361	ng	0.00
31) Terphenyl-d14	19.653	244	4799	0.478	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.442	198	3	0.026	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	431	0.040	ng	# 96

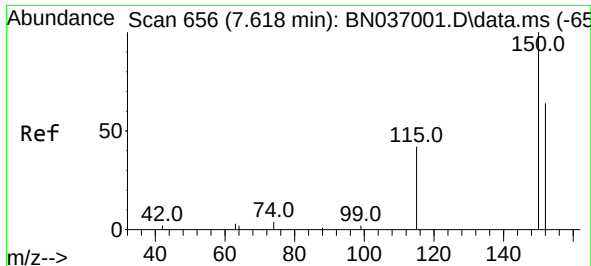
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW8-SP201-70-20250514

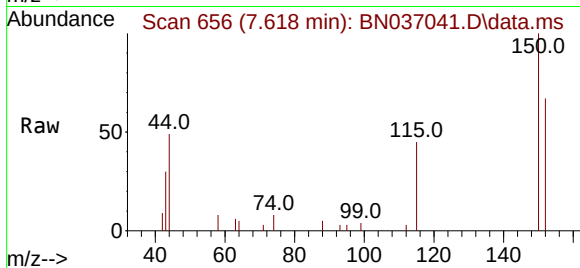
Quant Time: May 19 13:18:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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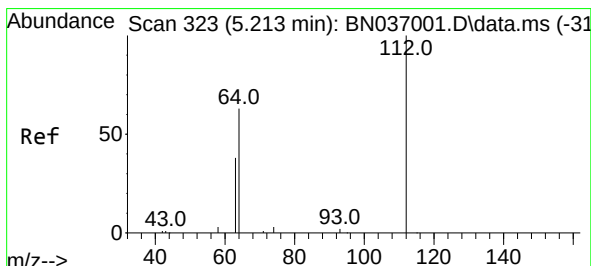
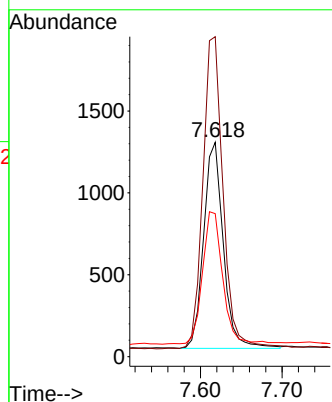
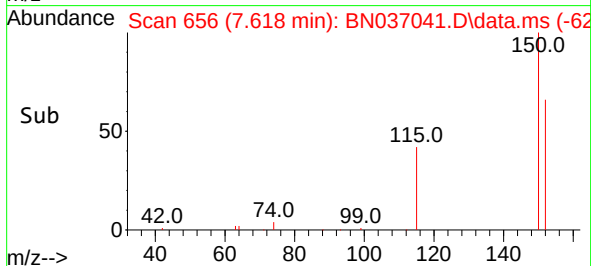


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.618 min Scan# 656
 Delta R.T. 0.000 min
 Lab File: BN037041.D
 Acq: 19 May 2025 12:38

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP201-70-20250514

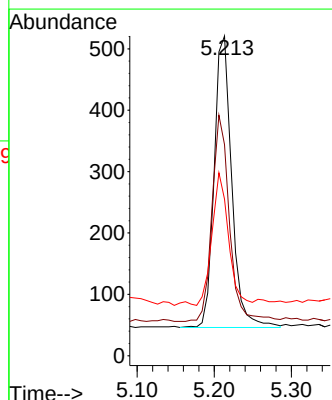
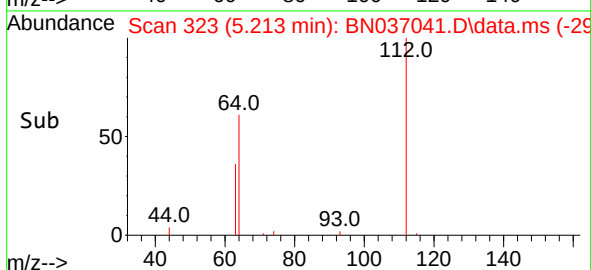
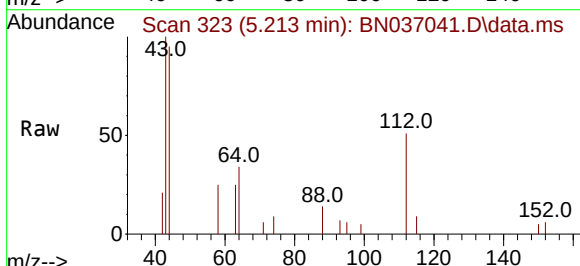


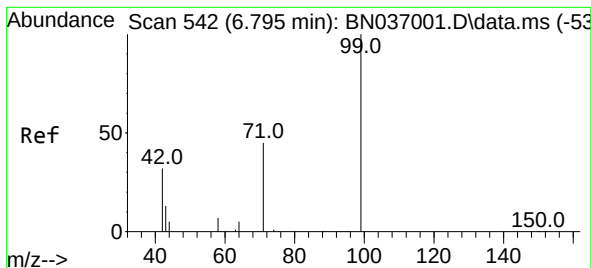
Tgt Ion:152 Resp: 2118
 Ion Ratio Lower Upper
 152 100
 150 149.3 123.9 185.9
 115 66.7 55.8 83.8



#4
 2-Fluorophenol
 Concen: 0.136 ng
 RT: 5.213 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: BN037041.D
 Acq: 19 May 2025 12:38

Tgt Ion:112 Resp: 752
 Ion Ratio Lower Upper
 112 100
 64 69.8 55.7 83.5
 63 42.6 34.6 51.8





#5

Phenol-d6

Concen: 0.070 ng

RT: 6.795 min Scan# 54

Delta R.T. -0.000 min

Lab File: BN037041.D

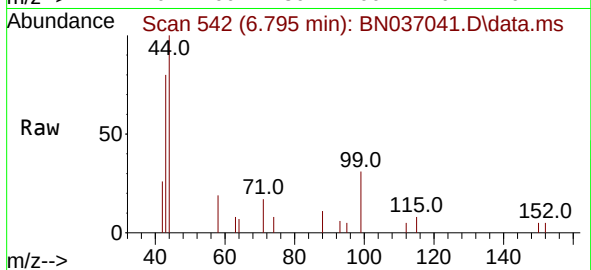
Acq: 19 May 2025 12:38

Instrument :

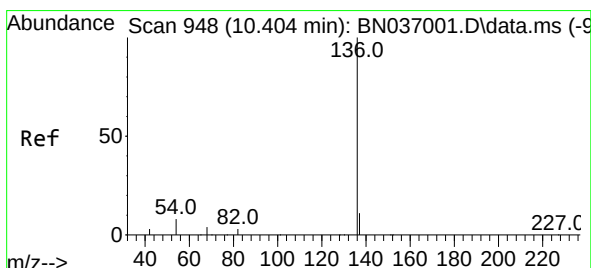
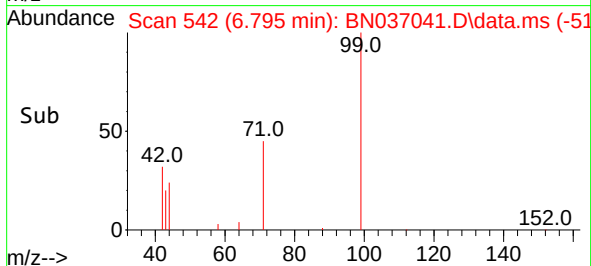
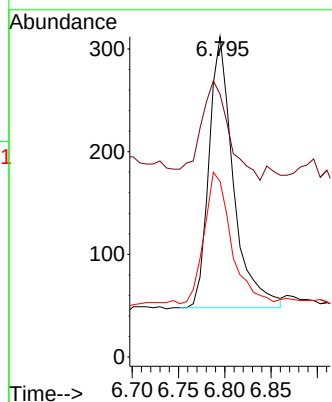
BNA_N

ClientSampleId :

RW8-SP201-70-20250514



Tgt Ion:	99	Resp:	484
Ion	Ratio	Lower	Upper
99	100		
42	42.4	29.3	43.9
71	56.0	35.7	53.5



#7

Naphthalene-d8

Concen: 0.400 ng

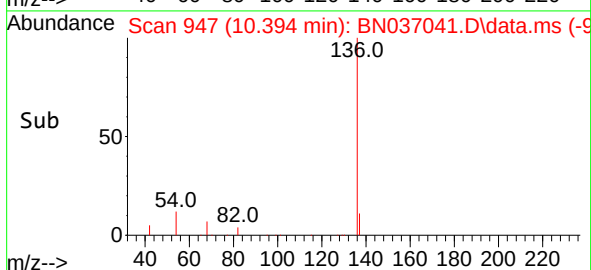
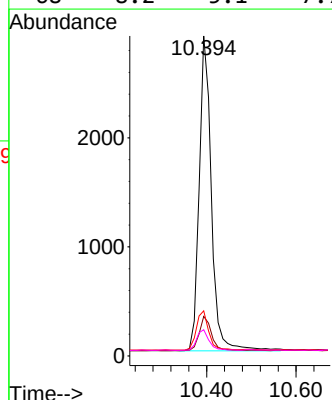
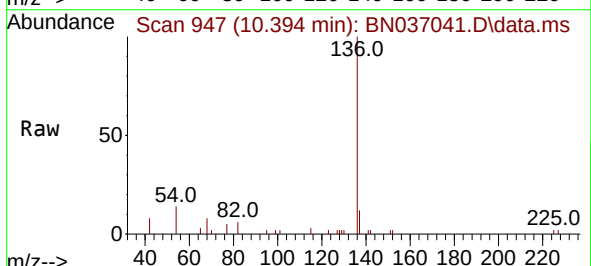
RT: 10.394 min Scan# 947

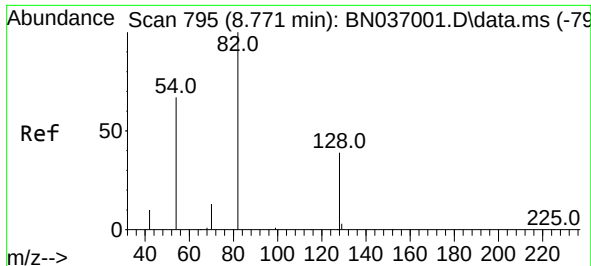
Delta R.T. -0.011 min

Lab File: BN037041.D

Acq: 19 May 2025 12:38

Tgt Ion:	136	Resp:	5485
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	14.1	8.5	12.7
68	8.2	5.1	7.7

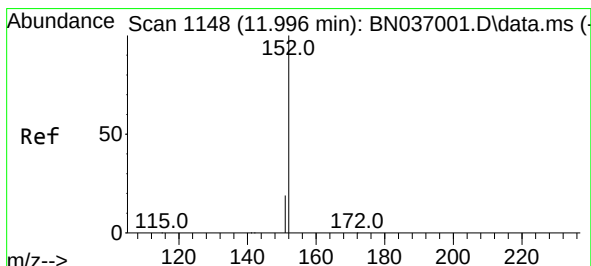
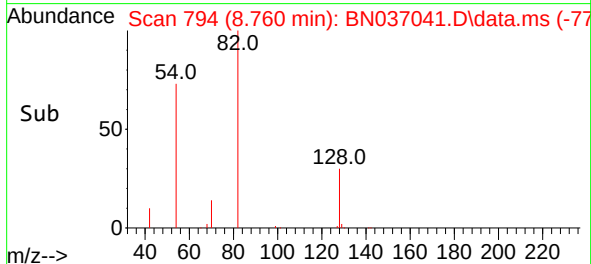
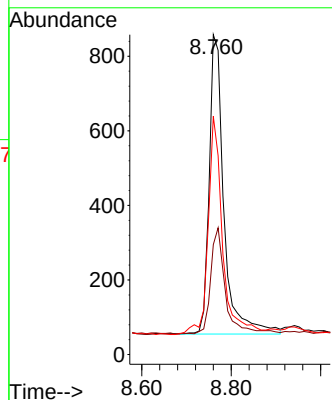
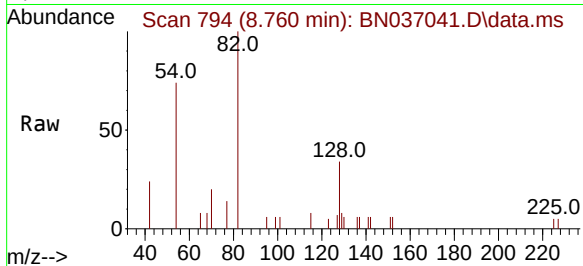




#8
 Nitrobenzene-d5
 Concen: 0.308 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037041.D
 Acq: 19 May 2025 12:38

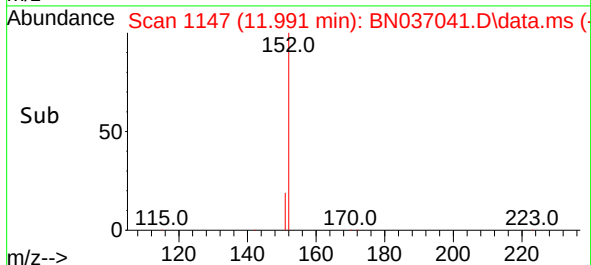
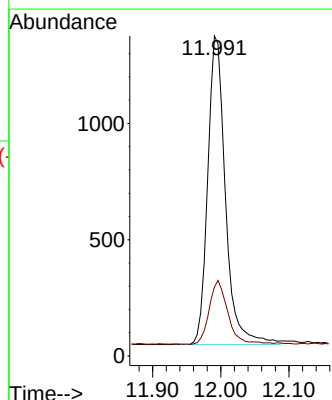
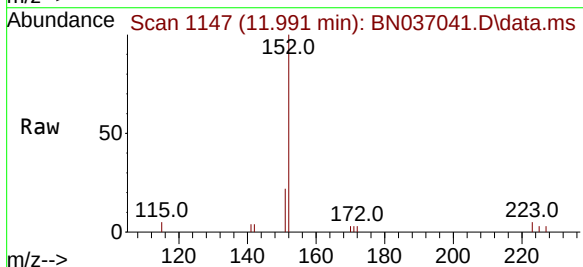
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP201-70-20250514

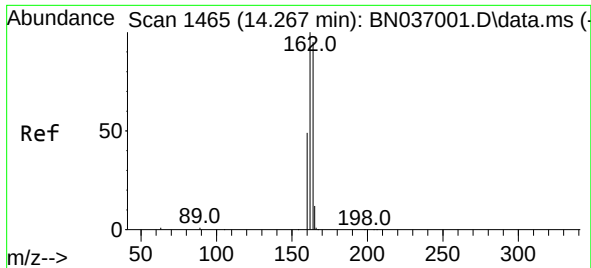
Tgt Ion:	82	Resp:	1837
Ion	Ratio	Lower	Upper
82	100		
128	34.4	34.0	51.0
54	74.5	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.311 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037041.D
 Acq: 19 May 2025 12:38

Tgt Ion:	152	Resp:	2401
Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.5	26.3

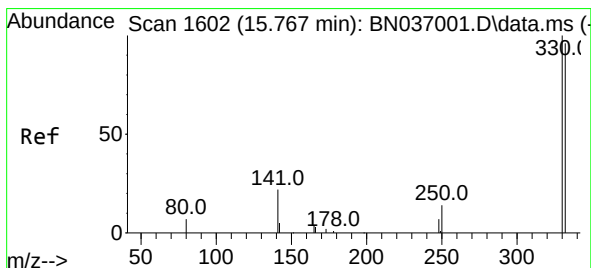
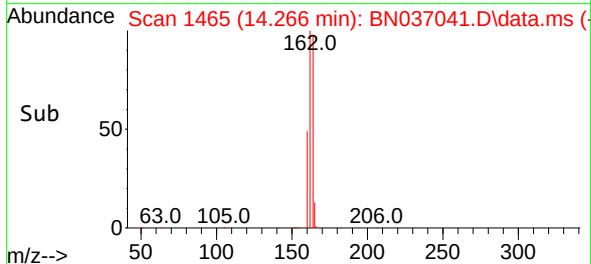
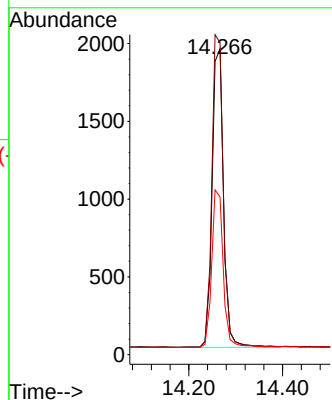
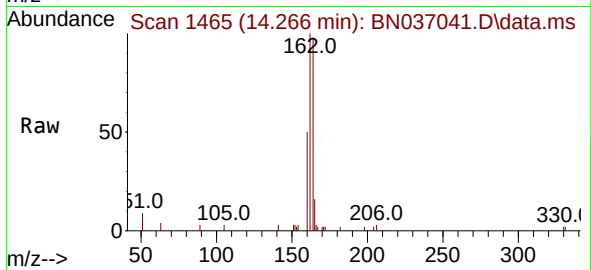




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.266 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN037041.D
Acq: 19 May 2025 12:38

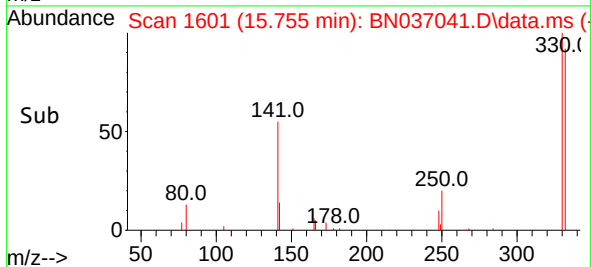
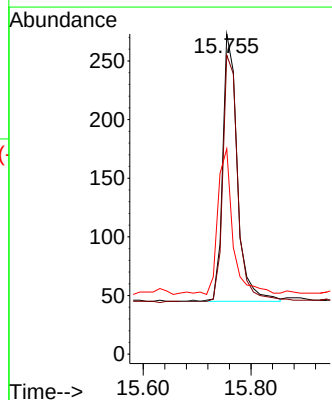
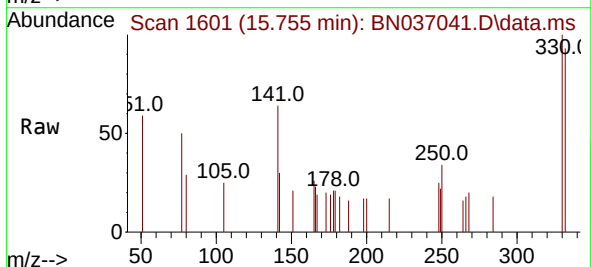
Instrument :
BNA_N
ClientSampleId :
RW8-SP201-70-20250514

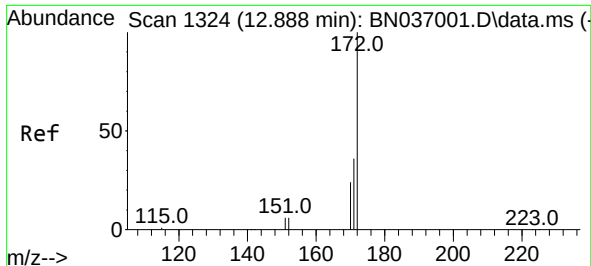
Tgt Ion:164 Resp: 3246
Ion Ratio Lower Upper
164 100
162 102.1 84.2 126.4
160 51.6 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037041.D
Acq: 19 May 2025 12:38

Tgt Ion:330 Resp: 432
Ion Ratio Lower Upper
330 100
332 94.4 73.8 110.8
141 54.9 43.9 65.9

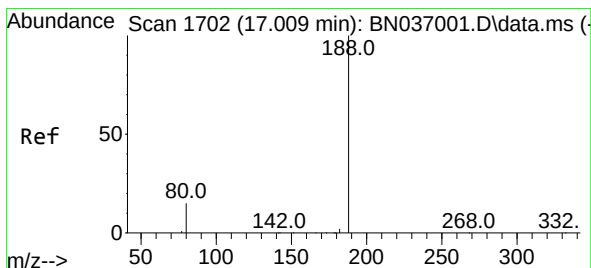
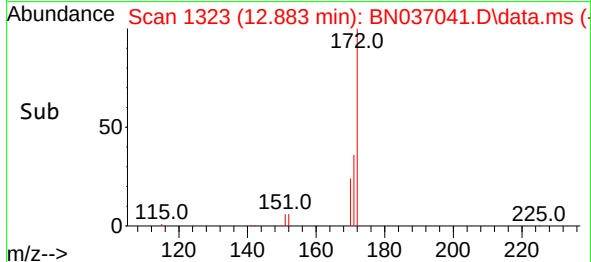
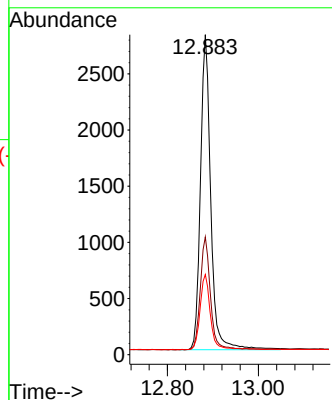
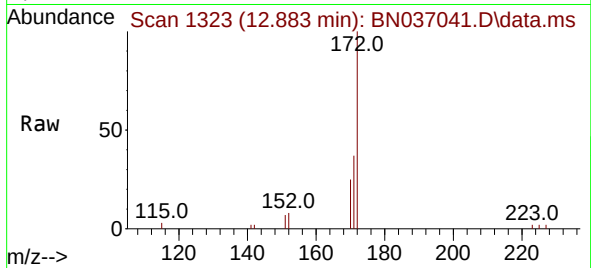




#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 12.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037041.D
Acq: 19 May 2025 12:38

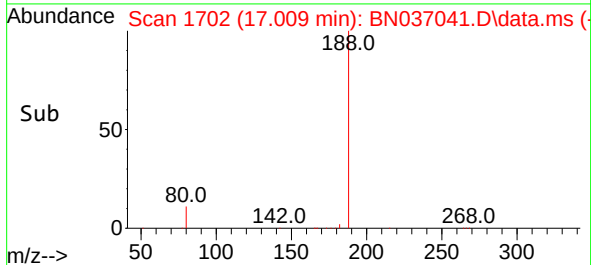
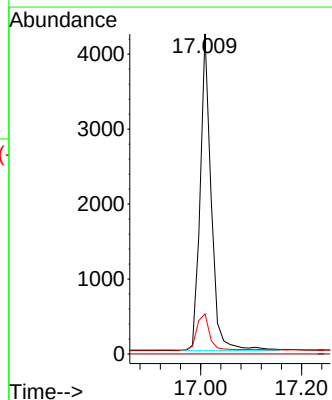
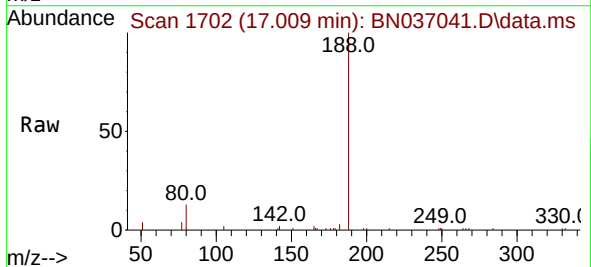
Instrument :
BNA_N
ClientSampleId :
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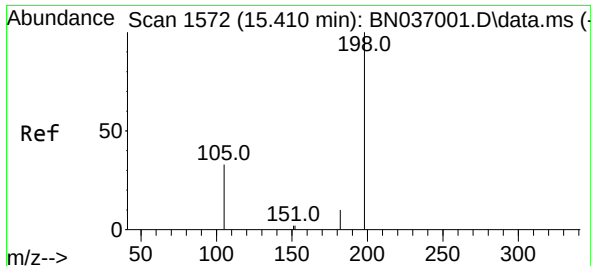
Tgt Ion:172 Resp: 4887
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 25.1 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN037041.D
Acq: 19 May 2025 12:38

Tgt Ion:188 Resp: 6445
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 13.4 20.0#

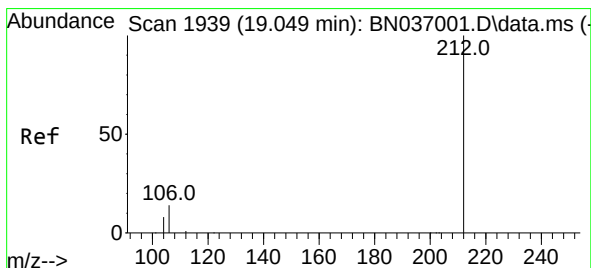
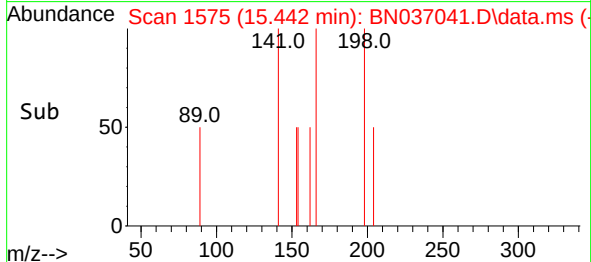
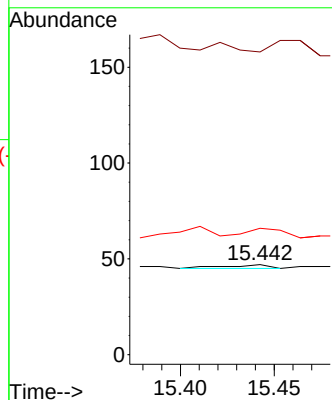
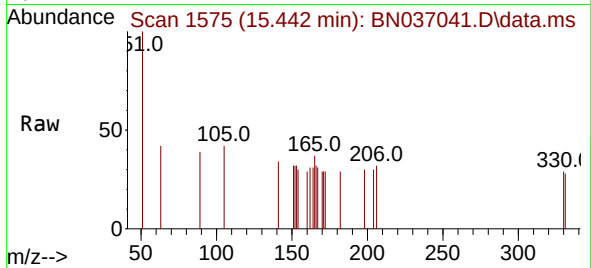




#20
4,6-Dinitro-2-methylphenol
Concen: 0.026 ng
RT: 15.442 min Scan# 1575
Delta R.T. 0.032 min
Lab File: BN037041.D
Acq: 19 May 2025 12:38

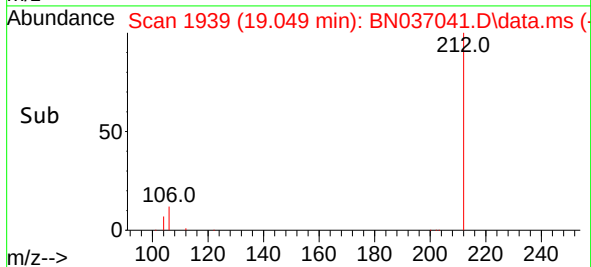
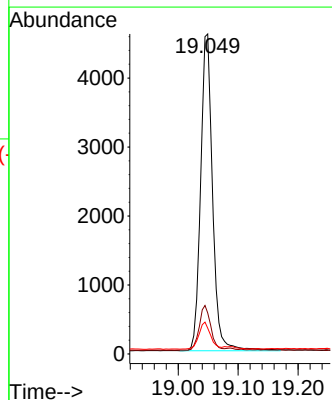
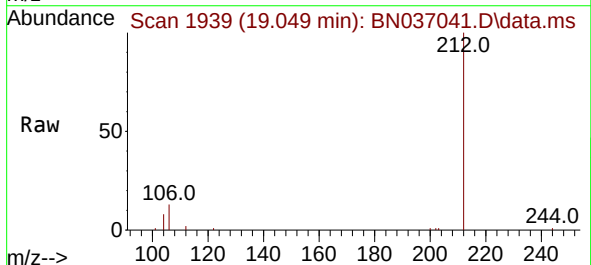
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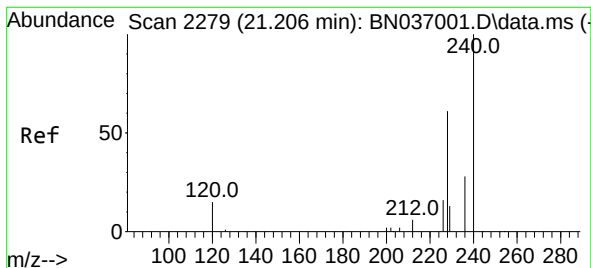
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 336.2 87.8 131.6#
105 140.4 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.049 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN037041.D
Acq: 19 May 2025 12:38

Tgt Ion:212 Resp: 6373
Ion Ratio Lower Upper
212 100
106 13.4 11.3 16.9
104 8.3 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.206 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037041.D

Acq: 19 May 2025 12:38

Instrument :

BNA_N

ClientSampleId :

RW8-SP201-70-20250514

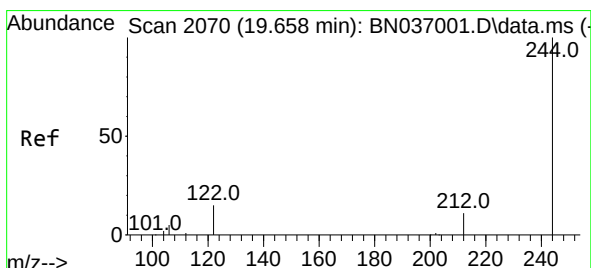
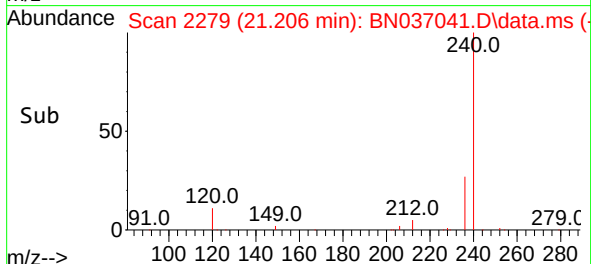
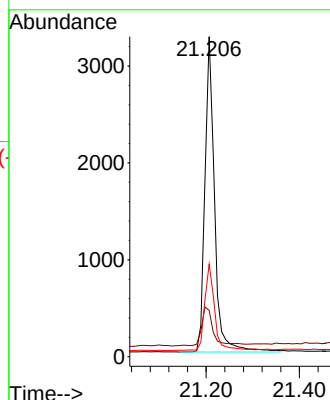
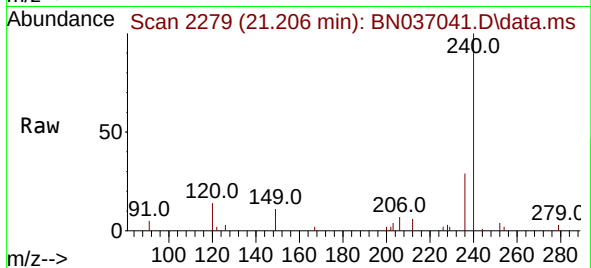
Tgt Ion:240 Resp: 4692

Ion Ratio Lower Upper

240 100

120 14.5 15.1 22.7#

236 28.9 24.0 36.0



#31

Terphenyl-d14

Concen: 0.478 ng

RT: 19.653 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN037041.D

Acq: 19 May 2025 12:38

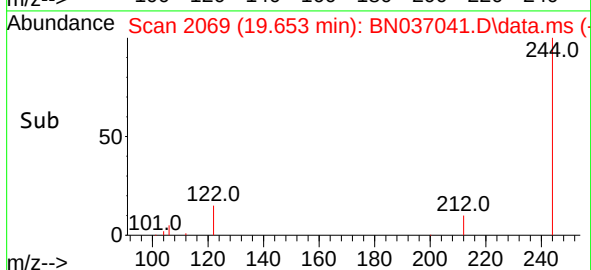
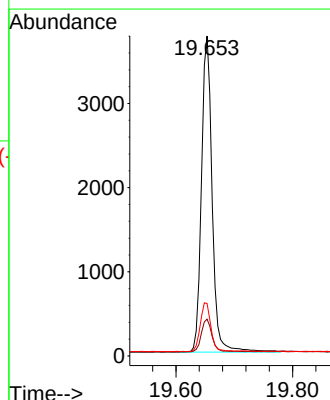
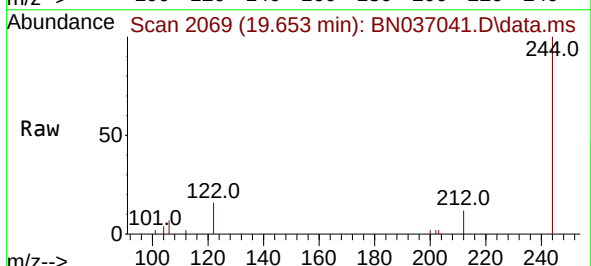
Tgt Ion:244 Resp: 4799

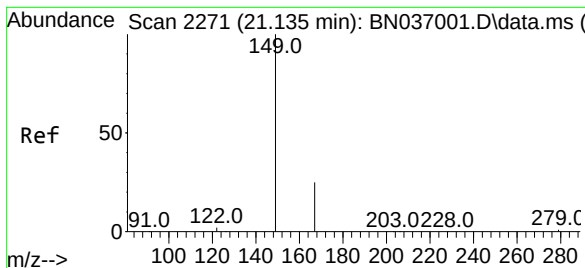
Ion Ratio Lower Upper

244 100

212 11.5 9.7 14.5

122 16.4 13.4 20.0

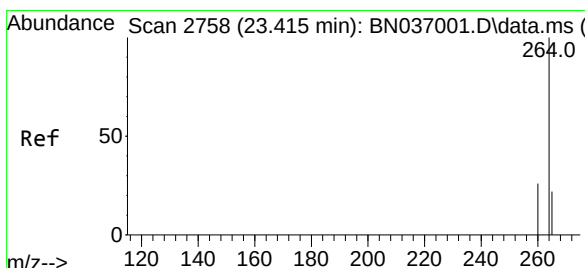
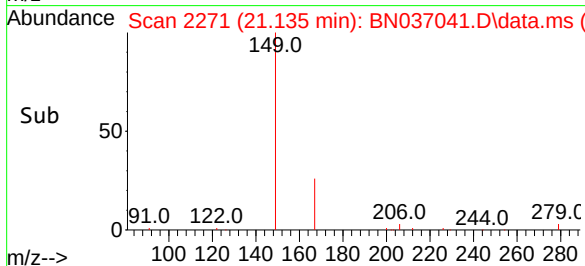
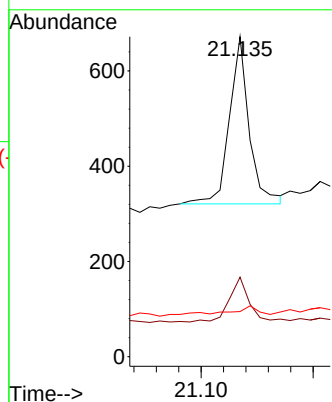
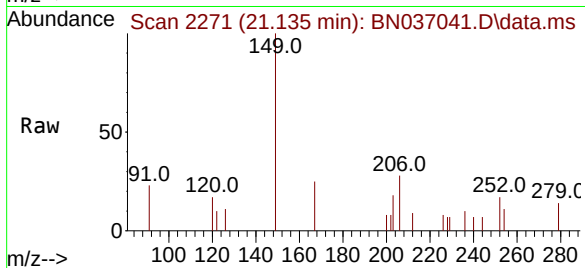




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.135 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN037041.D
 Acq: 19 May 2025 12:38

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP201-70-20250514

Tgt Ion:149 Resp: 431
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.6 30.8
 279 4.9 2.6 3.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.409 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BN037041.D
 Acq: 19 May 2025 12:38

Tgt Ion:264 Resp: 3974
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.9 32.9
 265 73.6 51.6 77.4

