

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037046.D
 Acq On : 19 May 2025 15:39
 Operator : RC/JU
 Sample : Q2064-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP301-90-20250514

Quant Time: May 19 16:13:25 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)

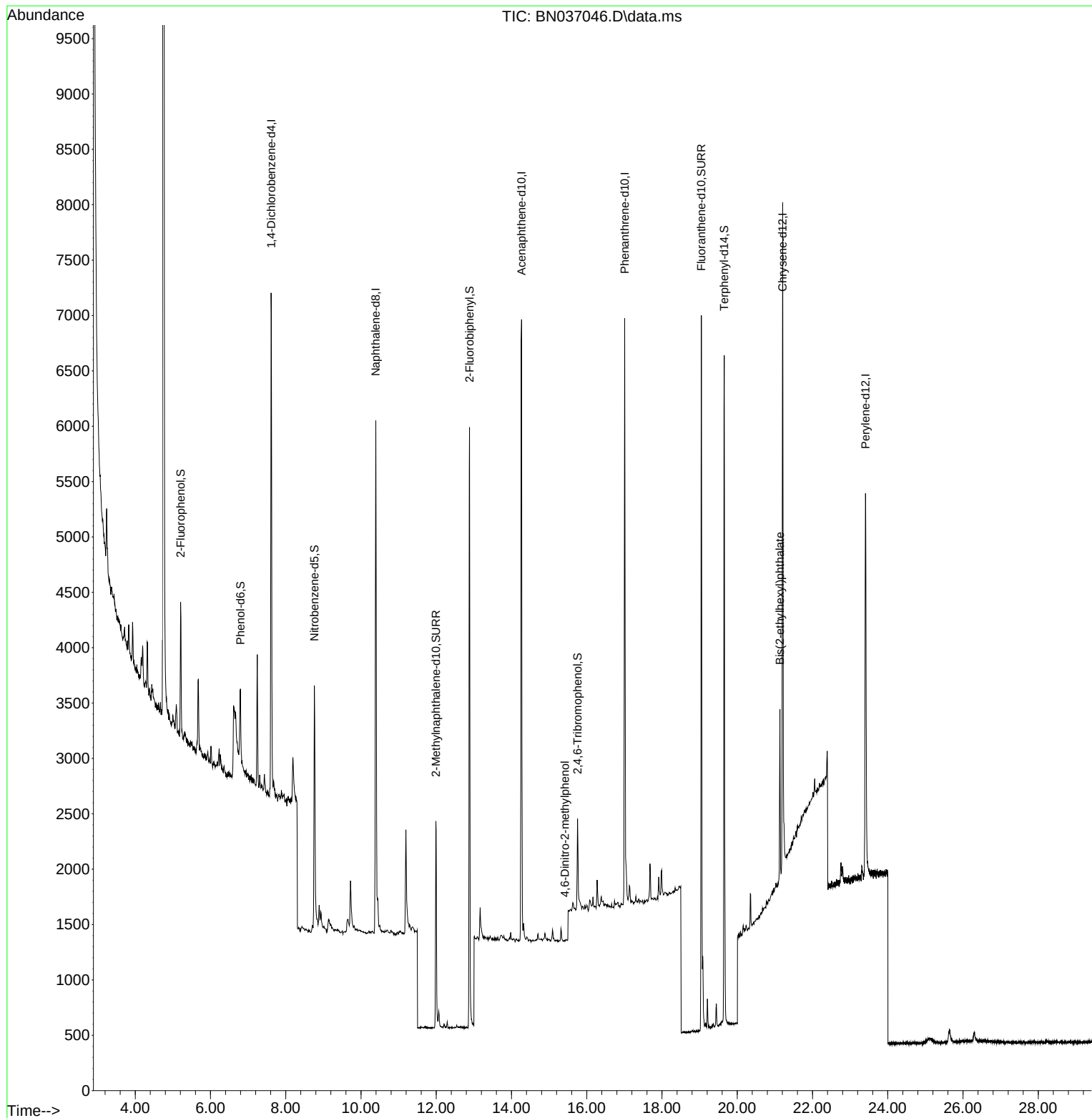
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2277	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	6028	0.400	ng	#-0.01
13) Acenaphthene-d10	14.266	164	3511	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6888	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	5515	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	4790	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	849	0.142	ng	0.00
5) Phenol-d6	6.795	99	588	0.079	ng	0.00
8) Nitrobenzene-d5	8.760	82	2055	0.313	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2700	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	442	0.287	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4850	0.302	ng	0.00
27) Fluoranthene-d10	19.045	212	7141	0.378	ng	0.00
31) Terphenyl-d14	19.653	244	5531	0.469	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.421	198	5	0.027	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	1353	0.106	ng	# 98

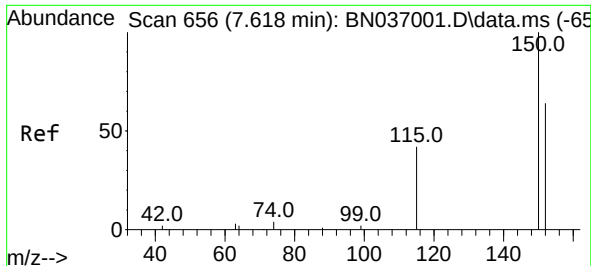
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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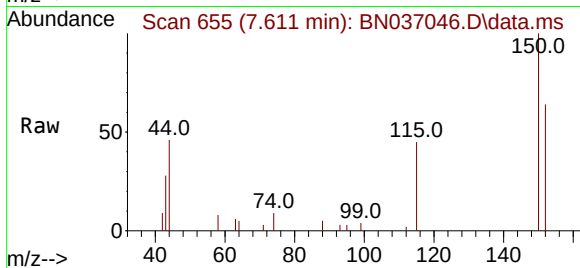
Quant Time: May 19 16:13:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
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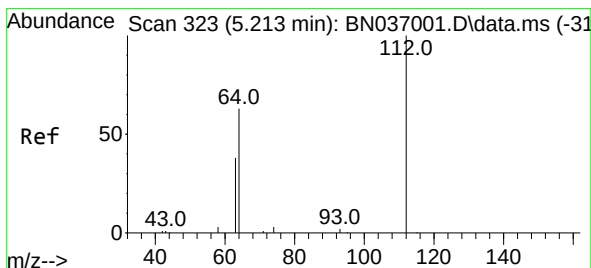
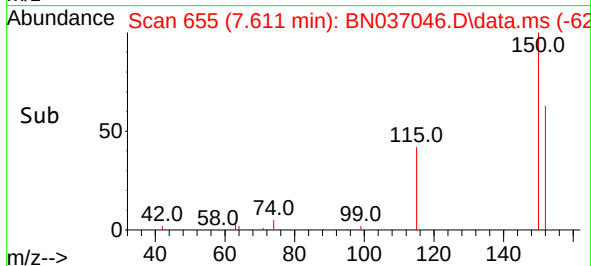
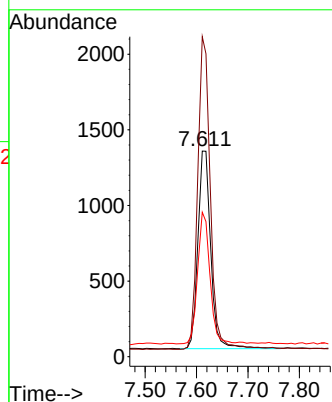
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037046.D
 Acq: 19 May 2025 15:39

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP301-90-20250514



Tgt Ion:152 Resp: 2277

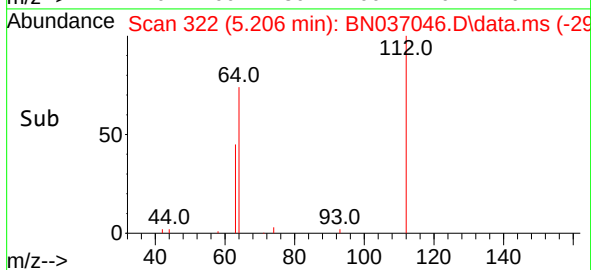
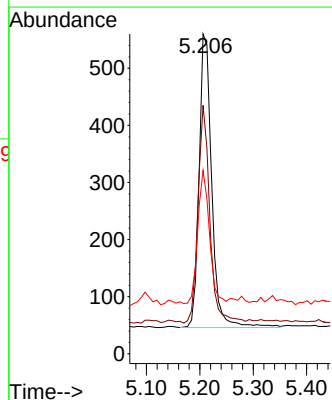
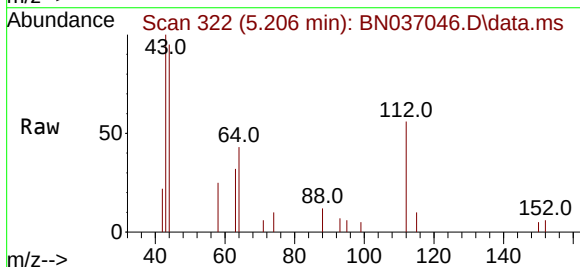
Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.9	185.9
115	70.3	55.8	83.8

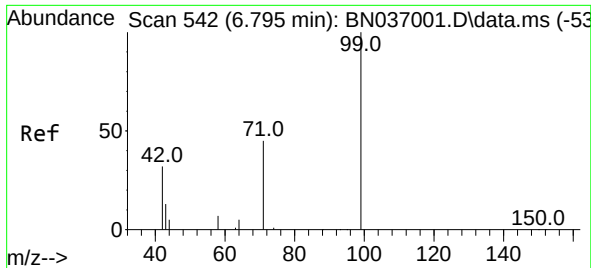


#4
 2-Fluorophenol
 Concen: 0.142 ng
 RT: 5.206 min Scan# 322
 Delta R.T. -0.007 min
 Lab File: BN037046.D
 Acq: 19 May 2025 15:39

Tgt Ion:112 Resp: 849

Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.7	83.5
63	41.5	34.6	51.8

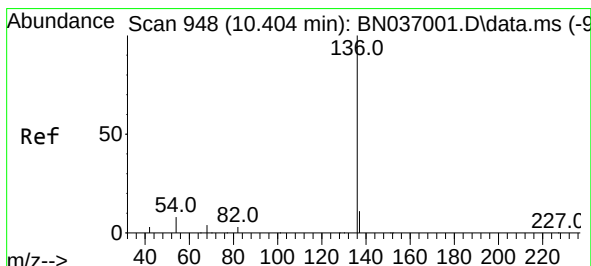
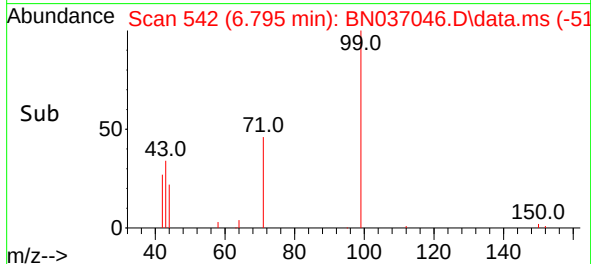
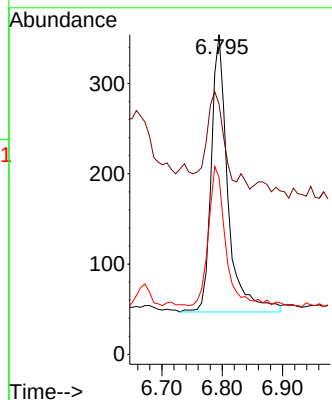
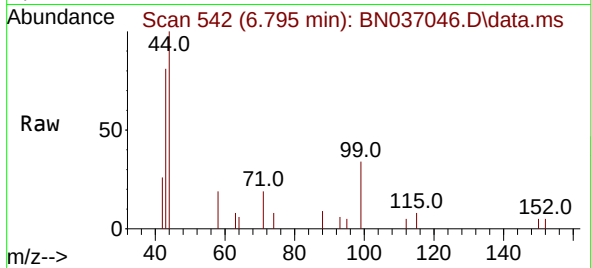




#5
Phenol-d6
Concen: 0.079 ng
RT: 6.795 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037046.D
Acq: 19 May 2025 15:39

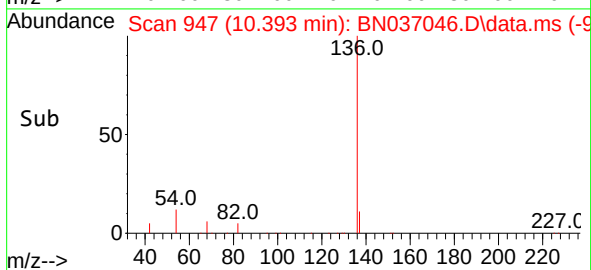
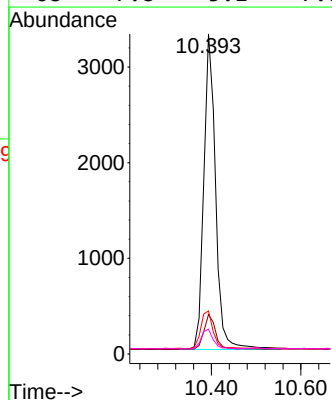
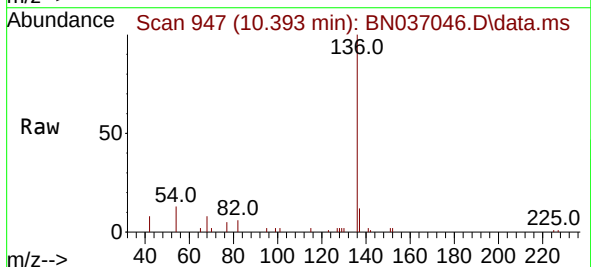
Instrument :
BNA_N
ClientSampleId :
RW8-SP301-90-20250514

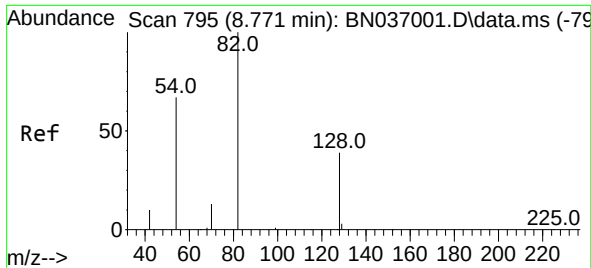
Tgt Ion: 99 Resp: 588
Ion Ratio Lower Upper
99 100
42 31.0 29.3 43.9
71 52.2 35.7 53.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.393 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037046.D
Acq: 19 May 2025 15:39

Tgt Ion: 136 Resp: 6028
Ion Ratio Lower Upper
136 100
137 12.3 10.4 15.6
54 13.5 8.5 12.7#
68 7.8 5.1 7.7#

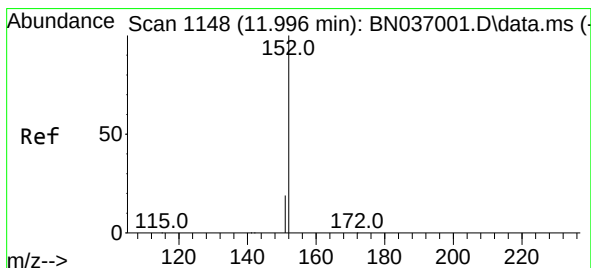
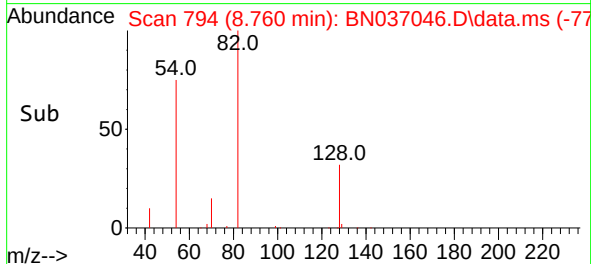
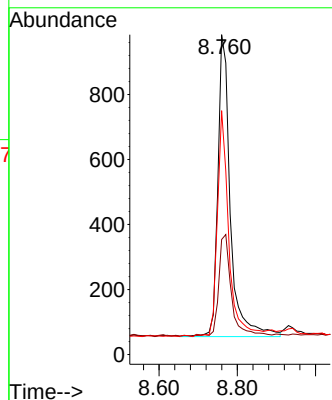
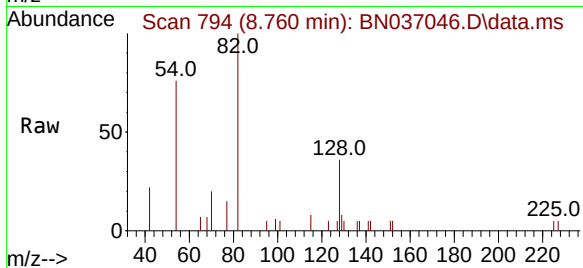




#8
 Nitrobenzene-d5
 Concen: 0.313 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037046.D
 Acq: 19 May 2025 15:39

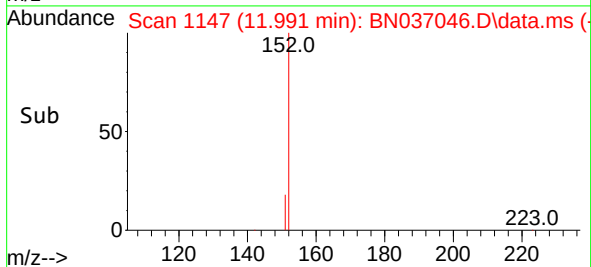
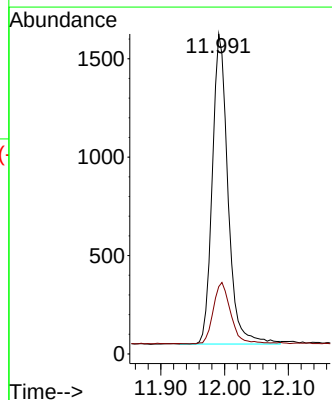
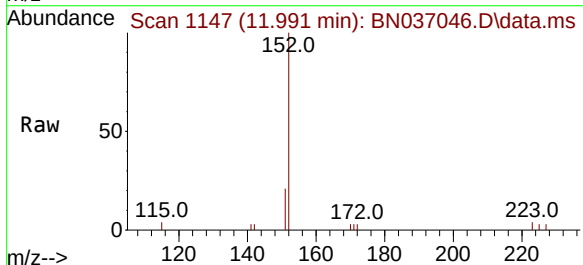
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP301-90-20250514

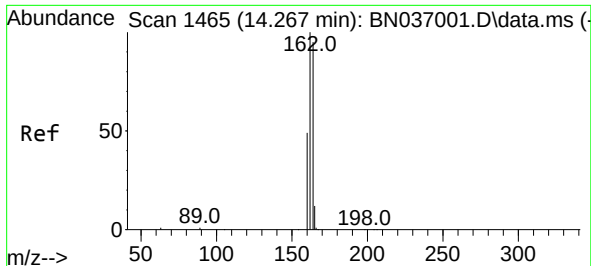
Tgt Ion: 82 Resp: 2055
 Ion Ratio Lower Upper
 82 100
 128 36.0 34.0 51.0
 54 76.2 55.0 82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.318 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037046.D
 Acq: 19 May 2025 15:39

Tgt Ion: 152 Resp: 2700
 Ion Ratio Lower Upper
 152 100
 151 22.0 17.5 26.3

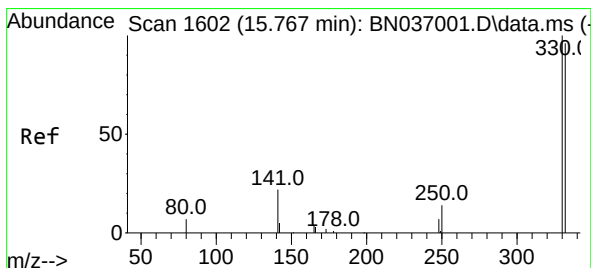
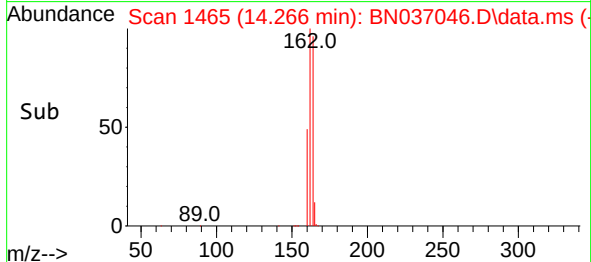
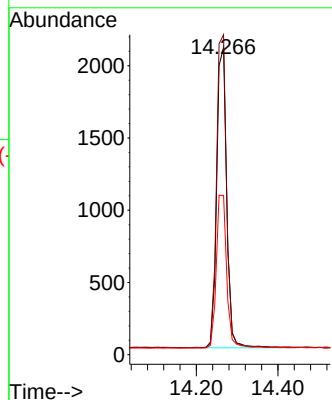
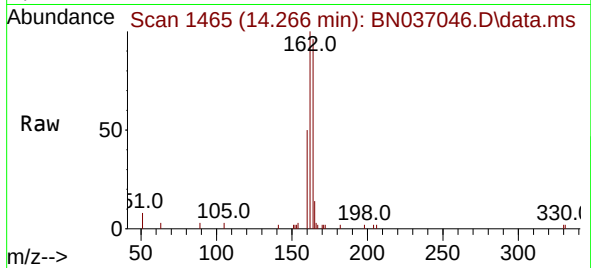




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.266 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037046.D
Acq: 19 May 2025 15:39

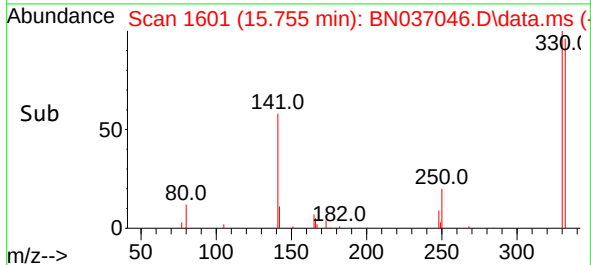
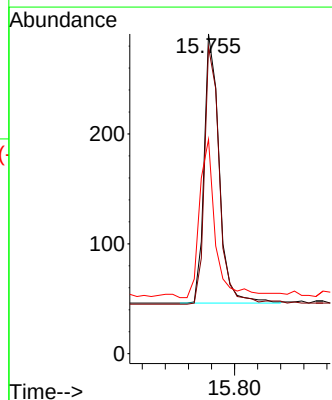
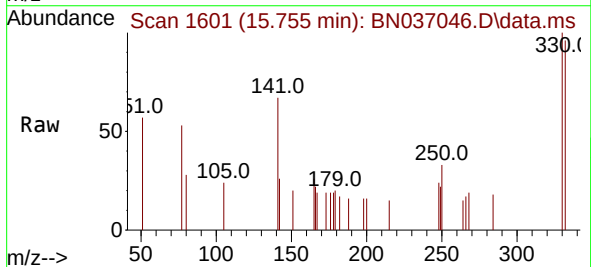
Instrument :
BNA_N
ClientSampleId :
RW8-SP301-90-20250514

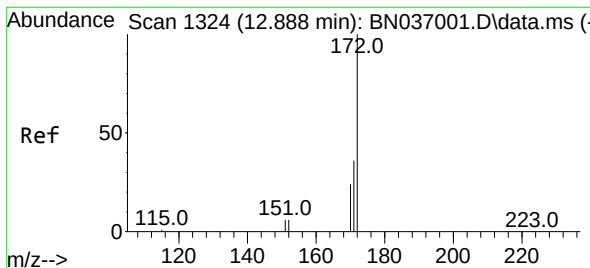
Tgt Ion:164 Resp: 3511
Ion Ratio Lower Upper
164 100
162 104.1 84.2 126.4
160 51.8 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037046.D
Acq: 19 May 2025 15:39

Tgt Ion:330 Resp: 442
Ion Ratio Lower Upper
330 100
332 97.1 73.8 110.8
141 63.1 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.302 ng

RT: 12.883 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037046.D

Acq: 19 May 2025 15:39

Instrument :

BNA_N

ClientSampleId :

RW8-SP301-90-20250514

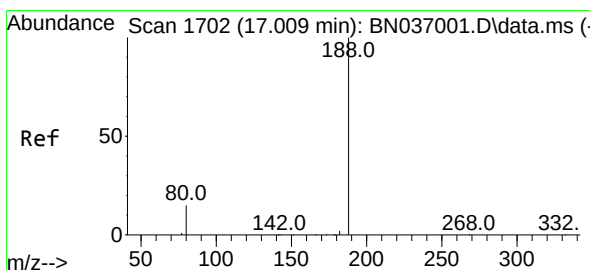
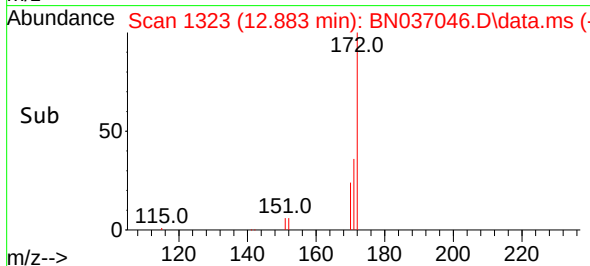
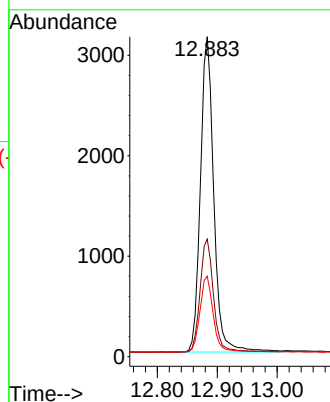
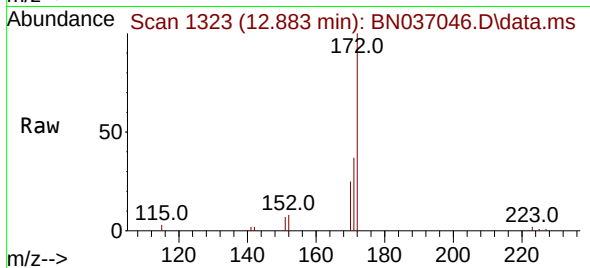
Tgt Ion:172 Resp: 4850

Ion Ratio Lower Upper

172 100

171 36.7 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: BN037046.D

Acq: 19 May 2025 15:39

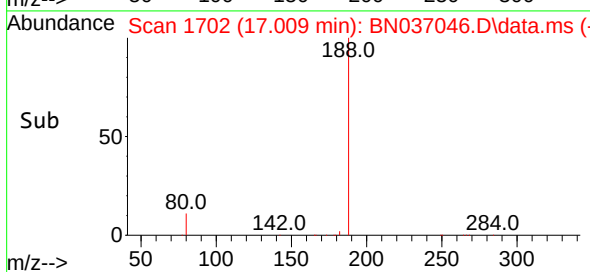
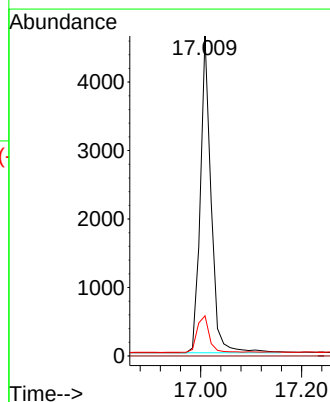
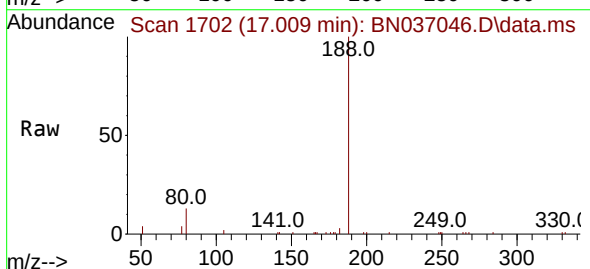
Tgt Ion:188 Resp: 6888

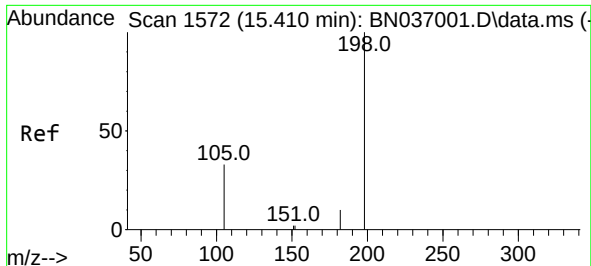
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 13.4 20.0#

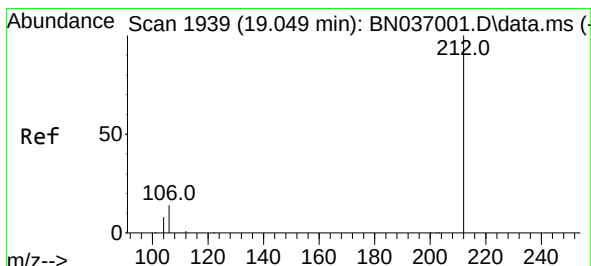
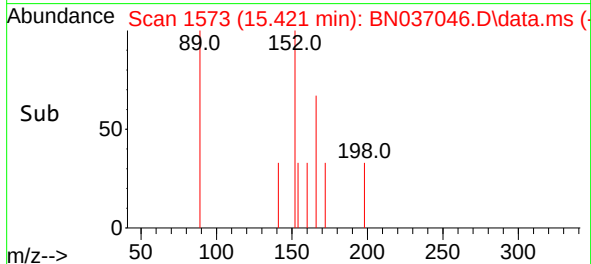
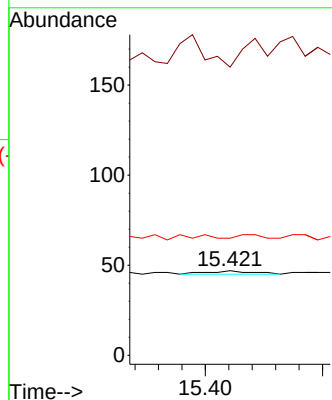
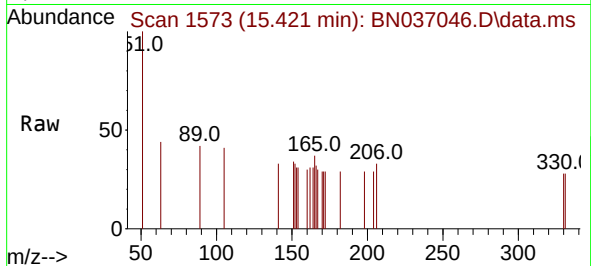




#20
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 15.421 min Scan# 1573
Delta R.T. 0.011 min
Lab File: BN037046.D
Acq: 19 May 2025 15:39

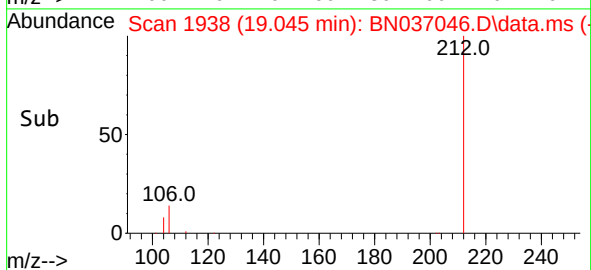
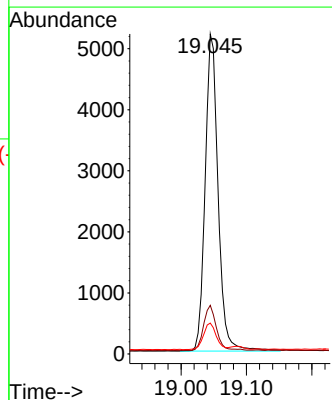
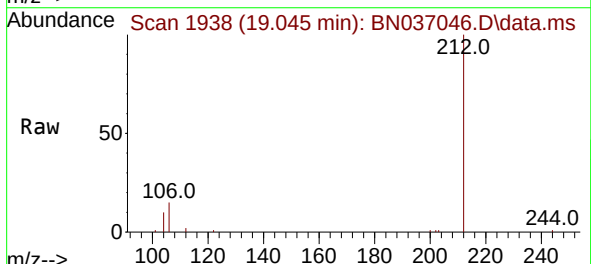
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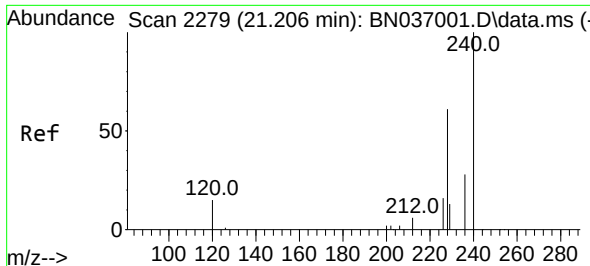
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 340.4 87.8 131.6#
105 138.3 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037046.D
Acq: 19 May 2025 15:39

Tgt Ion:212 Resp: 7141
Ion Ratio Lower Upper
212 100
106 14.3 11.3 16.9
104 8.3 6.7 10.1

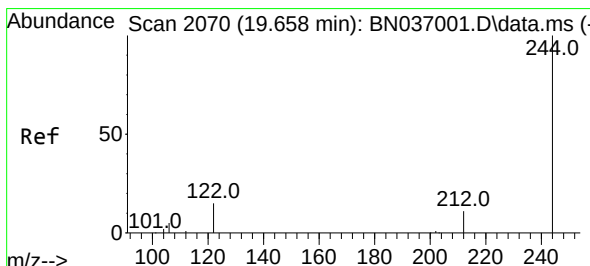
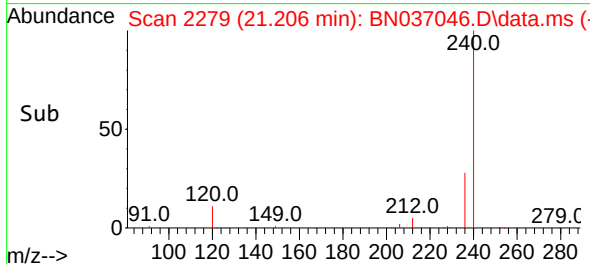
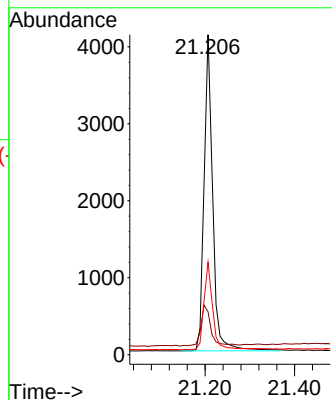
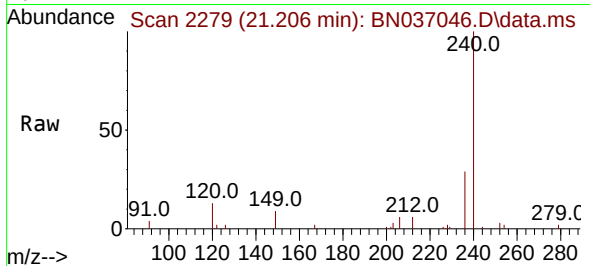




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037046.D
Acq: 19 May 2025 15:39

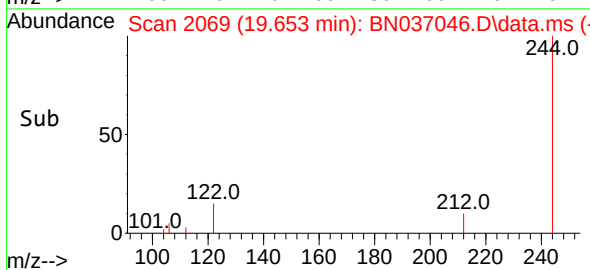
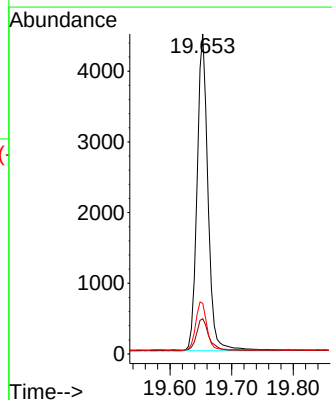
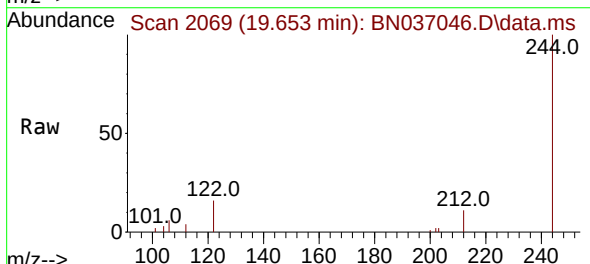
Instrument :
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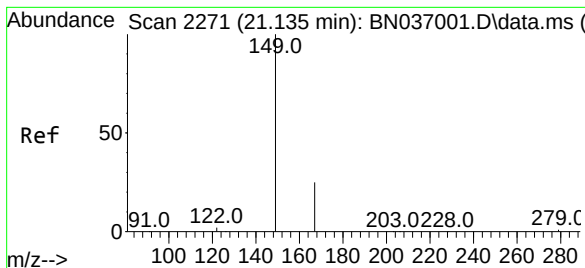
Tgt Ion:240 Resp: 5515
Ion Ratio Lower Upper
240 100
120 13.4 15.1 22.7#
236 28.9 24.0 36.0



#31
Terphenyl-d14
Concen: 0.469 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037046.D
Acq: 19 May 2025 15:39

Tgt Ion:244 Resp: 5531
Ion Ratio Lower Upper
244 100
212 11.0 9.7 14.5
122 15.8 13.4 20.0

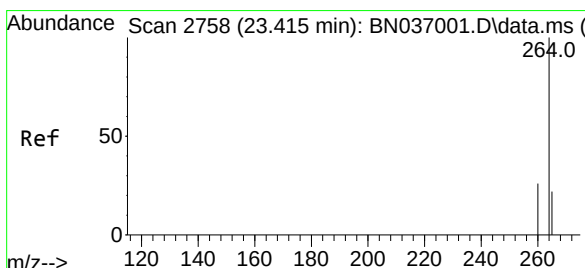
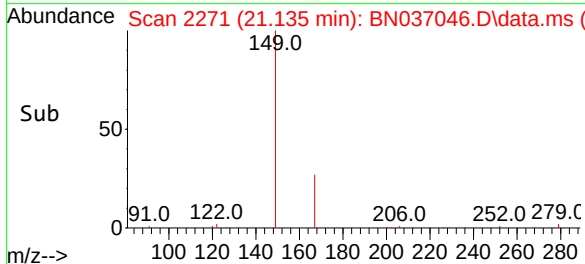
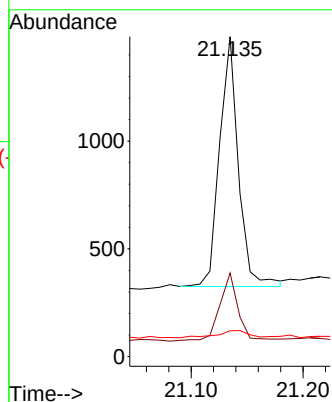
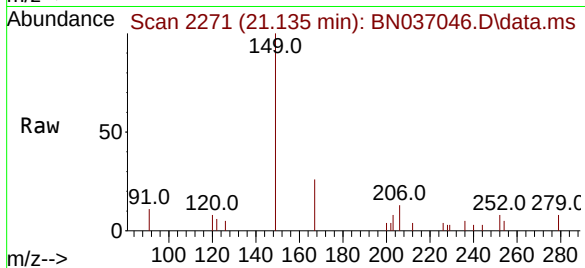




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.135 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: BN037046.D
 Acq: 19 May 2025 15:39

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP301-90-20250514

Tgt Ion:149 Resp: 1353
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.6 30.8
 279 5.1 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: BN037046.D
 Acq: 19 May 2025 15:39

Tgt Ion:264 Resp: 4790
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.9 32.9
 265 63.1 51.6 77.4

