

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037191.D
 Acq On : 09 Jun 2025 12:06
 Operator : RC/JU
 Sample : Q2250-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-060525

Quant Time: Jun 09 12:29:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

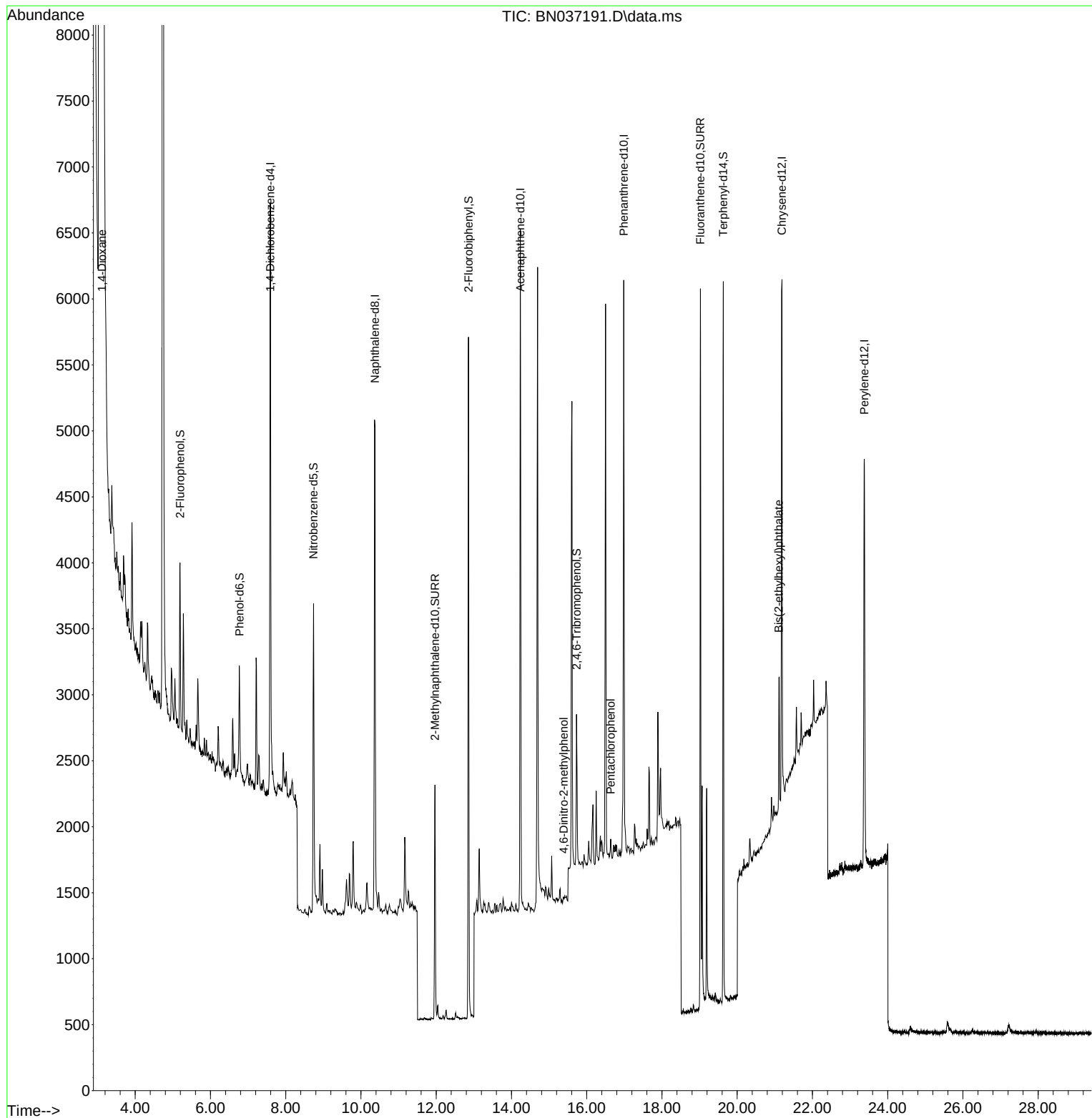
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2013	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5108	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2790	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5354	0.400	ng	0.00
29) Chrysene-d12	21.189	240	4077	0.400	ng	0.00
35) Perylene-d12	23.377	264	4054	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	923	0.185	ng	0.00
5) Phenol-d6	6.773	99	681	0.113	ng	0.00
8) Nitrobenzene-d5	8.739	82	1925	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2472	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	555	0.494	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4624	0.389	ng	0.00
27) Fluoranthene-d10	19.021	212	6130	0.451	ng	0.00
31) Terphenyl-d14	19.630	244	4973	0.518	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.119	88	6136	2.287	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.389	198	3	0.276	ng	# 1
24) Pentachlorophenol	16.636	266	91	0.255	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.108	149	1167	0.125	ng	# 97

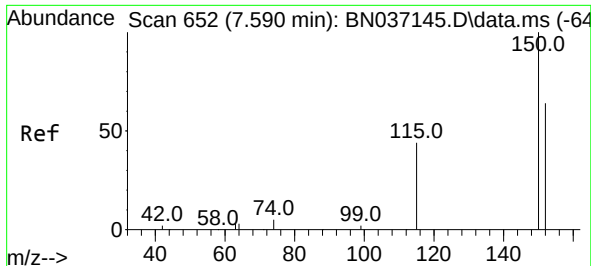
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037191.D
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Operator : RC/JU
Sample : Q2250-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525

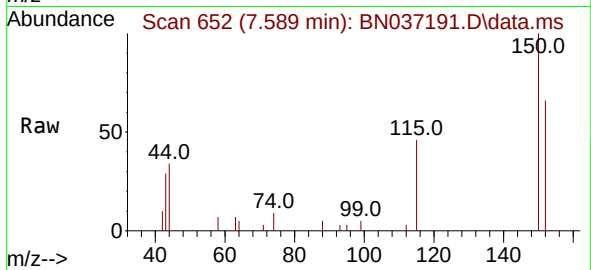
Quant Time: Jun 09 12:29:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
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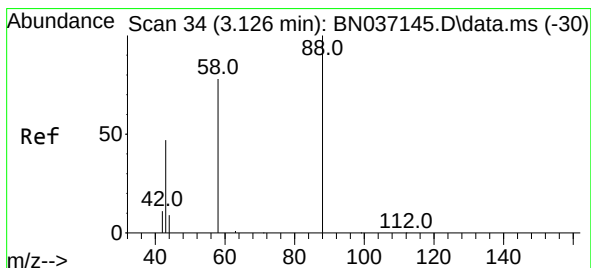
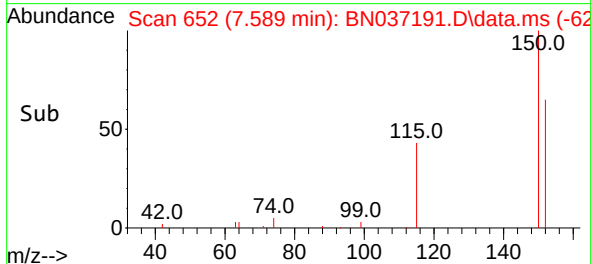
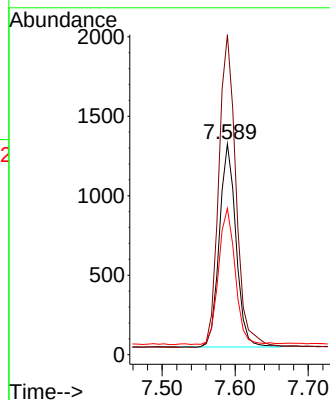
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037191.D
 Acq: 09 Jun 2025 12:06

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-060525



Tgt Ion:152 Resp: 2013

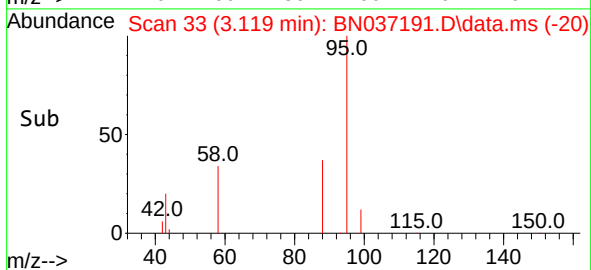
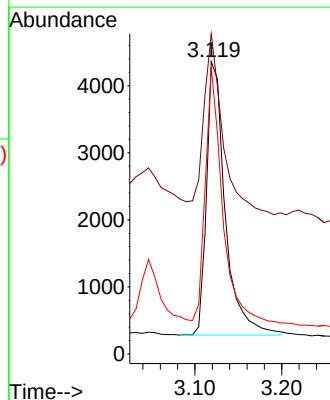
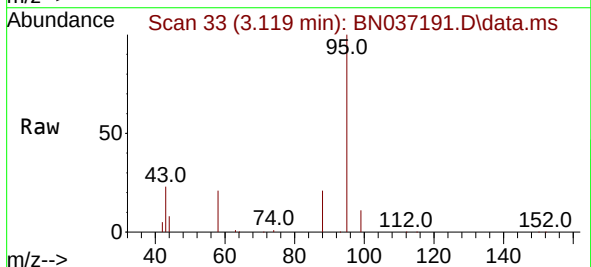
Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.2	184.8
115	69.4	56.6	85.0

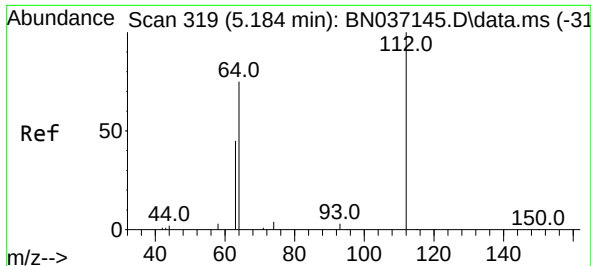


#2
 1,4-Dioxane
 Concen: 2.287 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037191.D
 Acq: 09 Jun 2025 12:06

Tgt Ion: 88 Resp: 6136

Ion	Ratio	Lower	Upper
88	100		
43	68.0	43.5	65.3#
58	84.8	67.7	101.5





#4

2-Fluorophenol

Concen: 0.185 ng

RT: 5.192 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN037191.D

Acq: 09 Jun 2025 12:06

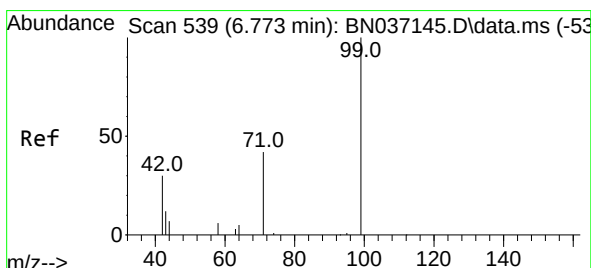
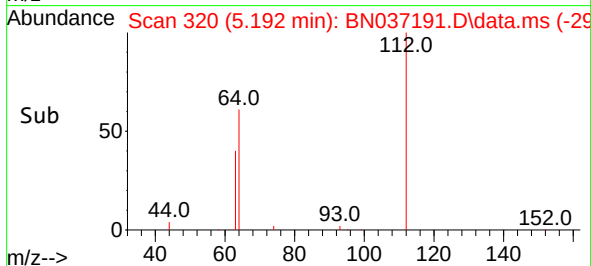
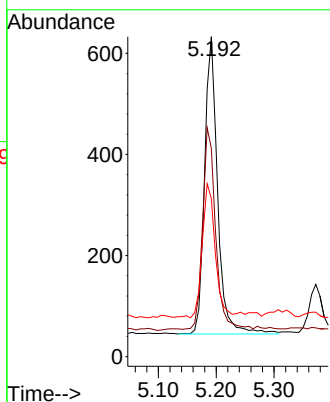
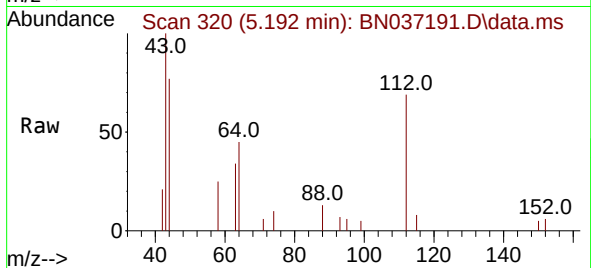
Instrument :

BNA_N

ClientSampleId :

MW-11A-13.5-060525

Tgt Ion:	112	Resp:	923
Ion	Ratio	Lower	Upper
112	100		
64	67.2	56.3	84.5
63	44.4	36.2	54.4



#5

Phenol-d6

Concen: 0.113 ng

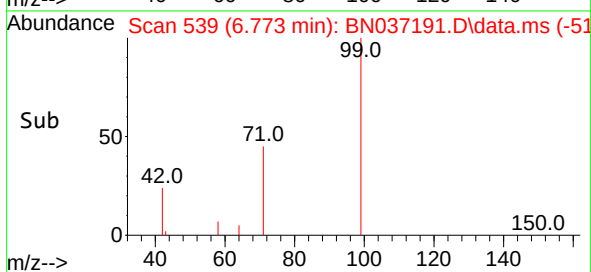
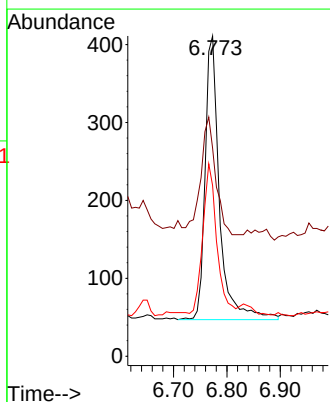
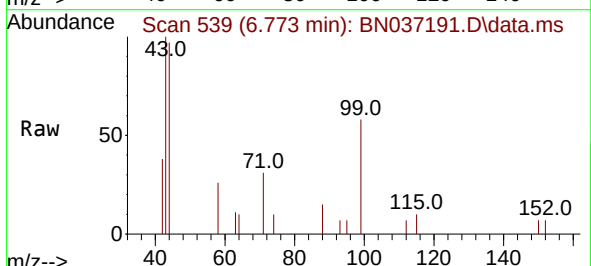
RT: 6.773 min Scan# 539

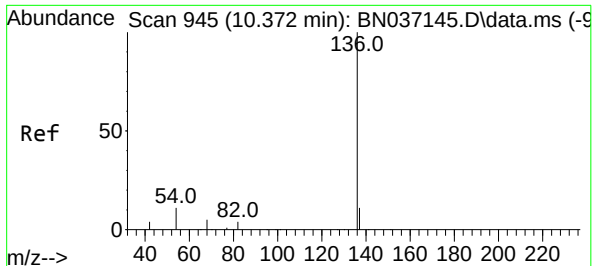
Delta R.T. -0.000 min

Lab File: BN037191.D

Acq: 09 Jun 2025 12:06

Tgt Ion:	99	Resp:	681
Ion	Ratio	Lower	Upper
99	100		
42	42.9	31.3	46.9
71	52.7	38.2	57.2

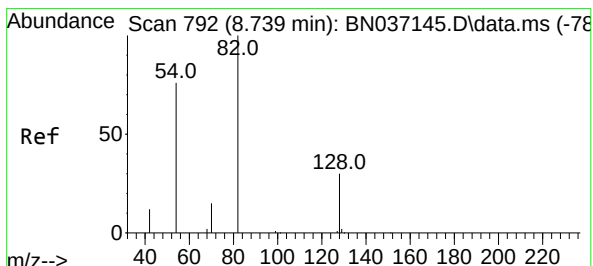
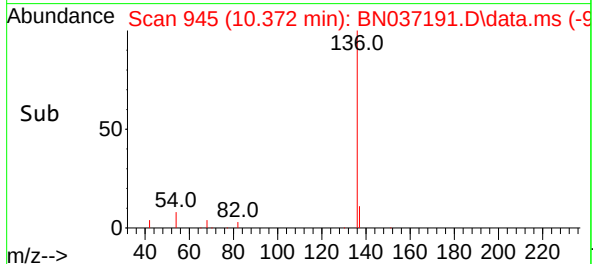
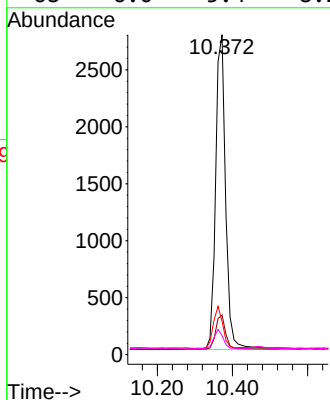
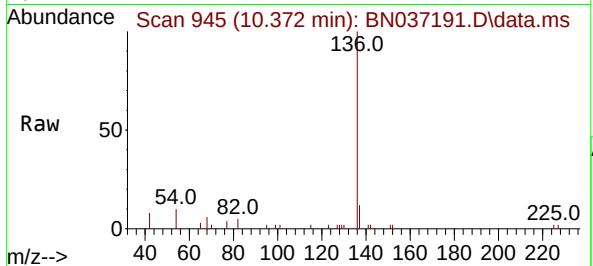




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

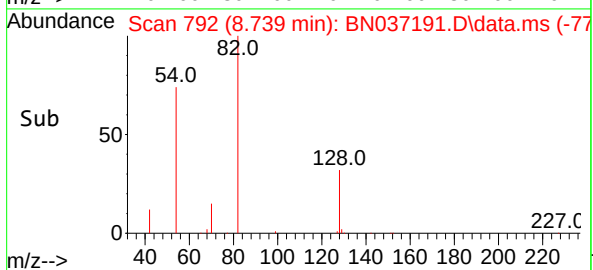
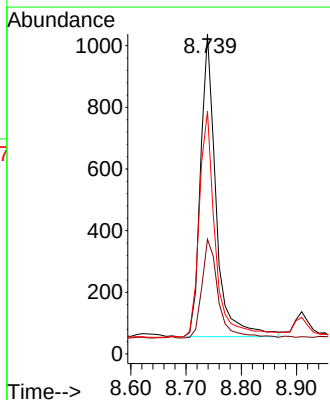
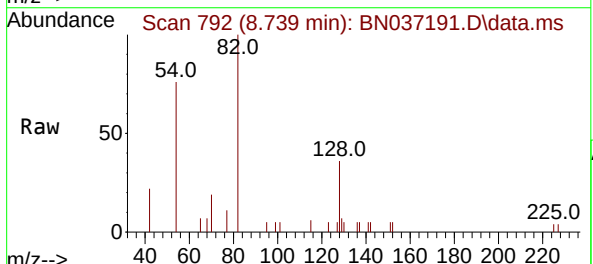
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525

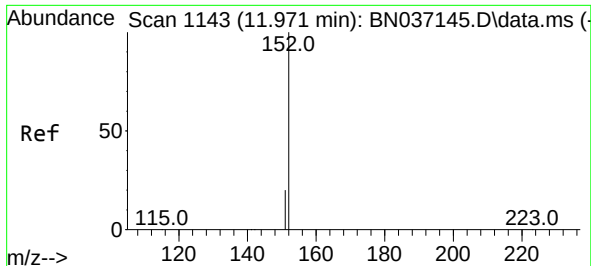
Tgt Ion:	136	Resp:	5108
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	10.5	9.7	14.5
68	6.0	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

Tgt Ion:	82	Resp:	1925
Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.9	40.3
54	75.8	61.4	92.2

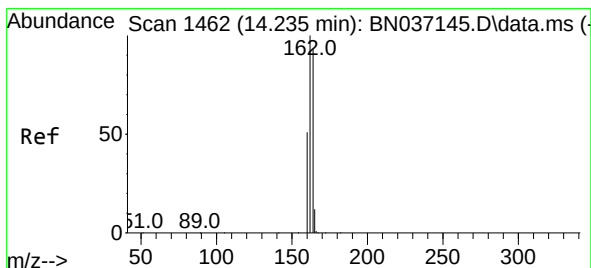
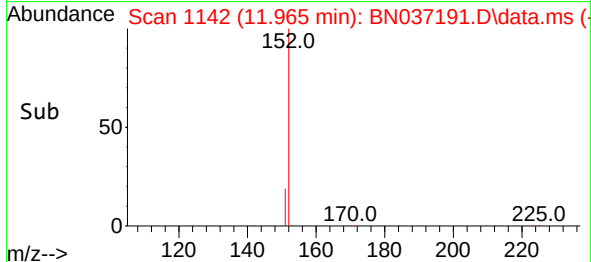
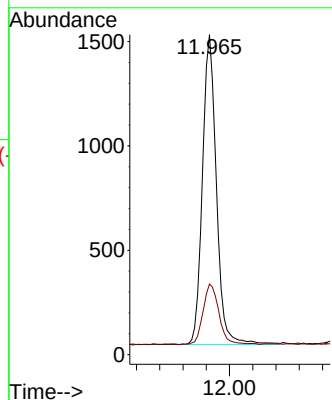
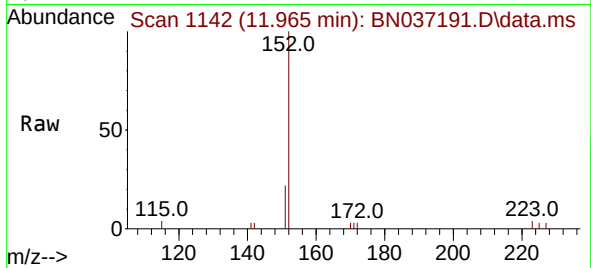




#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

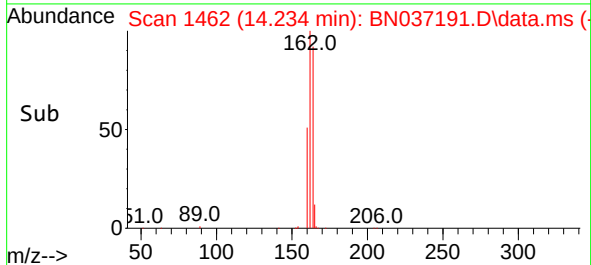
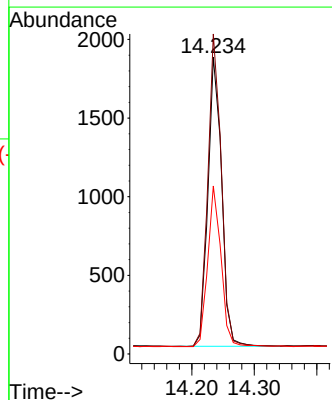
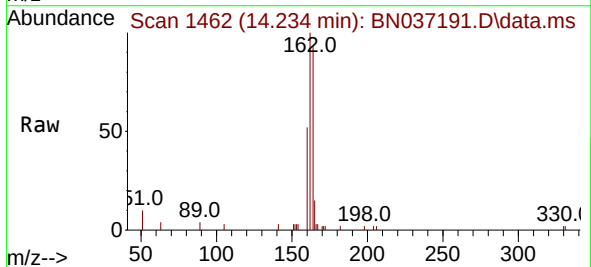
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525

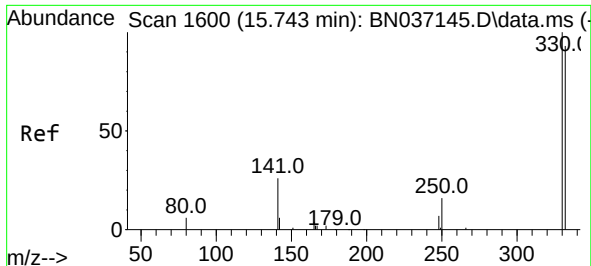
Tgt Ion:152 Resp: 2472
Ion Ratio Lower Upper
152 100
151 22.3 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

Tgt Ion:164 Resp: 2790
Ion Ratio Lower Upper
164 100
162 107.7 85.5 128.3
160 56.5 44.6 67.0

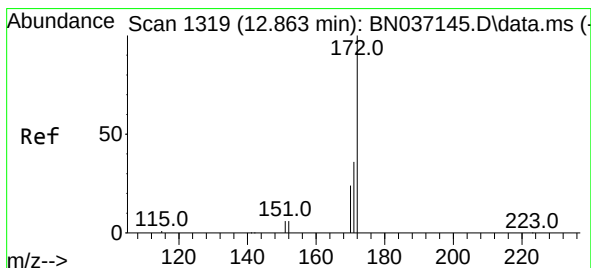
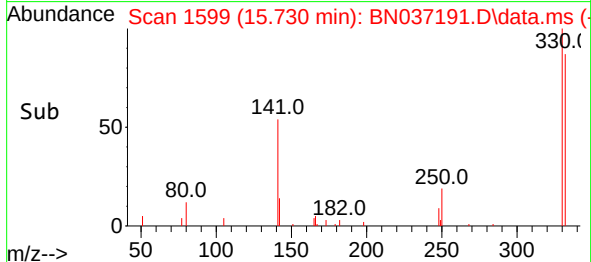
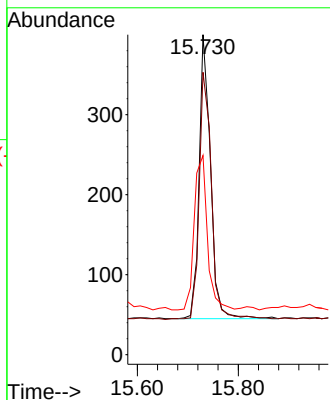
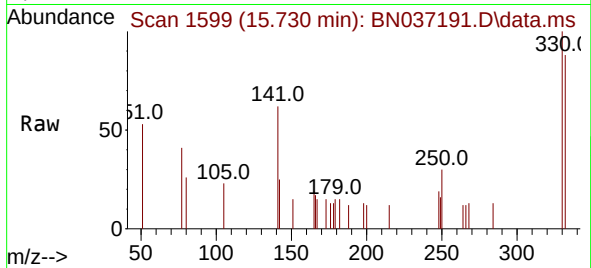




#14
2,4,6-Tribromophenol
Concen: 0.494 ng
RT: 15.730 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

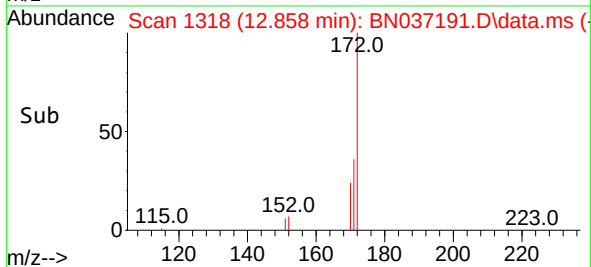
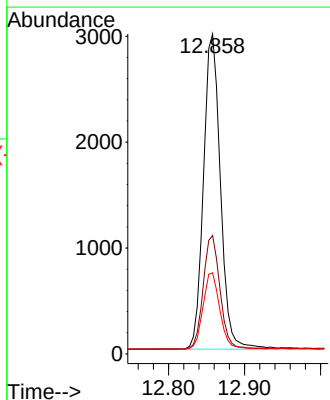
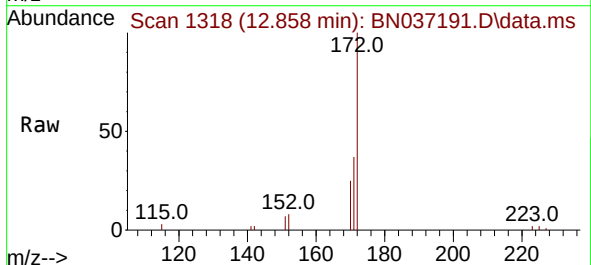
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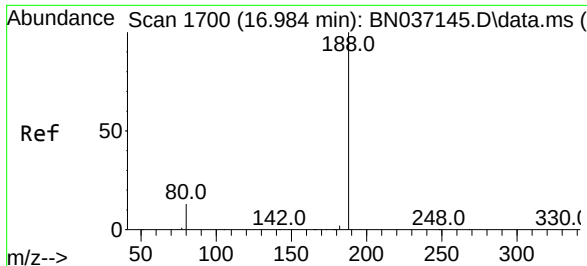
Tgt Ion:330 Resp: 555
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 62.9 46.4 69.6



#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

Tgt Ion:172 Resp: 4624
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 25.3 20.3 30.5

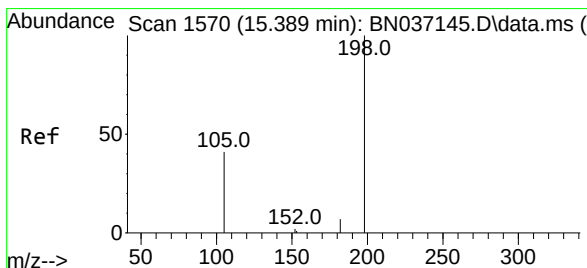
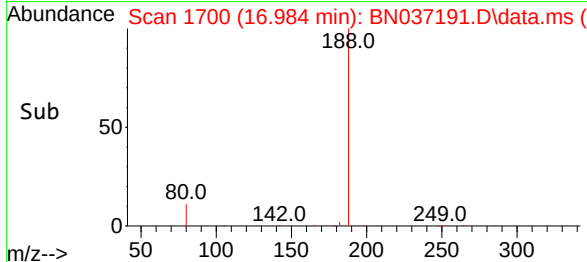
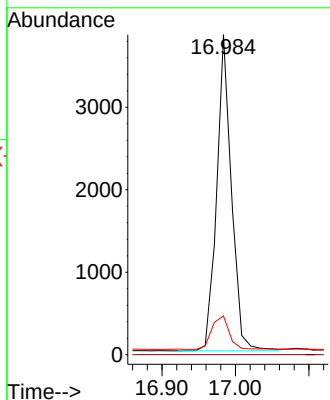
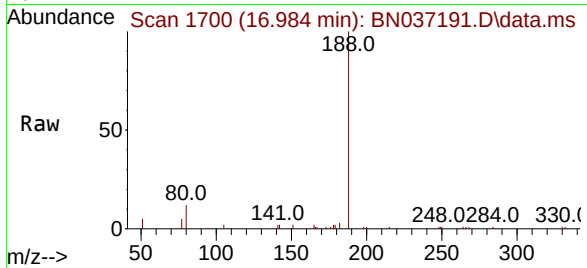




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

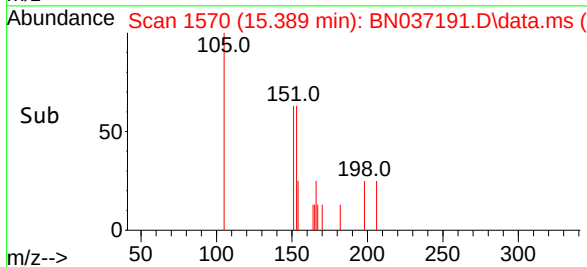
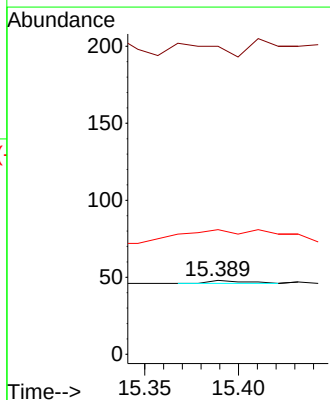
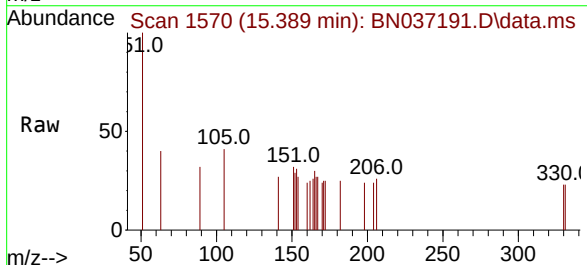
Instrument :
BNA_N
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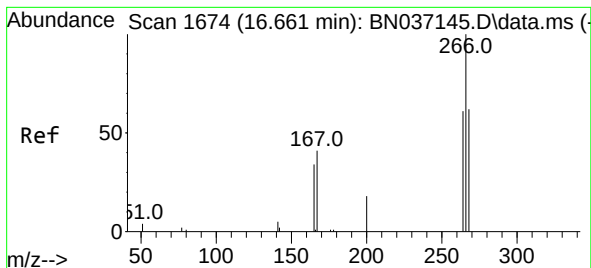
Tgt Ion:188 Resp: 5354
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 11.3 16.9



#20
4,6-Dinitro-2-methylphenol
Concen: 0.276 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 416.7 125.2 187.8#
105 168.8 57.1 85.7#





#24

Pentachlorophenol

Concen: 0.255 ng

RT: 16.636 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN037191.D

Acq: 09 Jun 2025 12:06

Instrument :

BNA_N

ClientSampleId :

MW-11A-13.5-060525

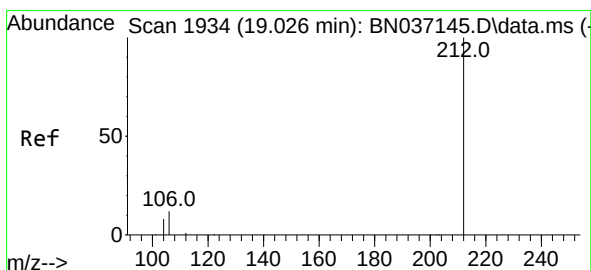
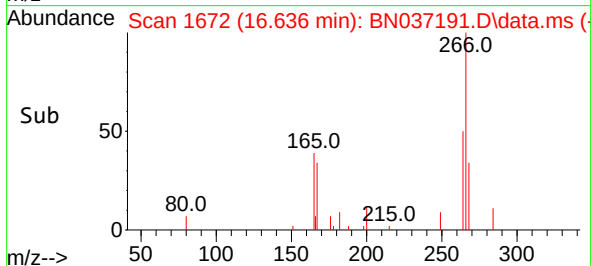
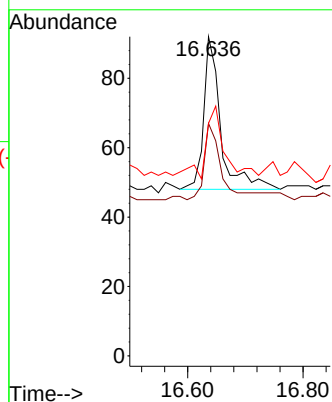
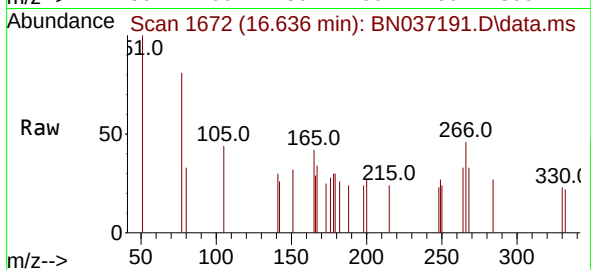
Tgt Ion:266 Resp: 91

Ion Ratio Lower Upper

266 100

264 48.4 49.3 73.9#

268 46.2 49.0 73.4#



#27

Fluoranthene-d10

Concen: 0.451 ng

RT: 19.021 min Scan# 1933

Delta R.T. -0.005 min

Lab File: BN037191.D

Acq: 09 Jun 2025 12:06

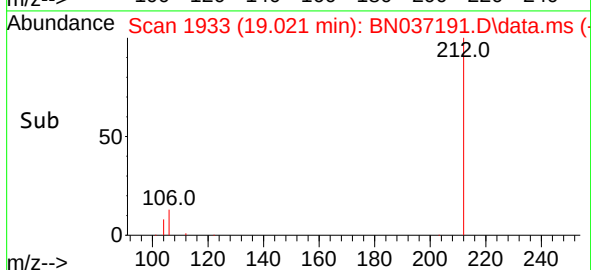
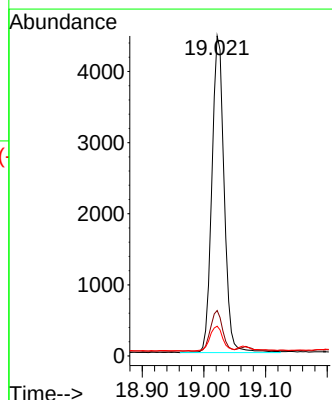
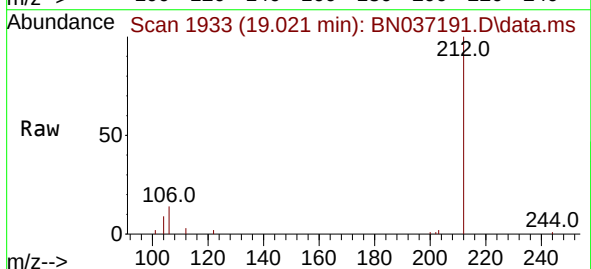
Tgt Ion:212 Resp: 6130

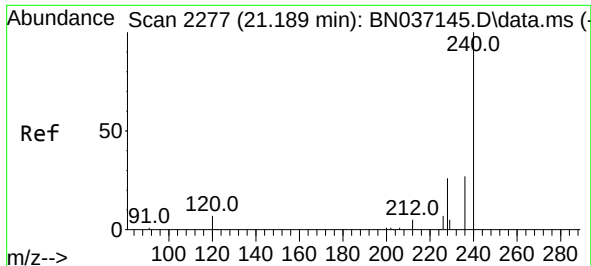
Ion Ratio Lower Upper

212 100

106 12.6 10.6 15.8

104 8.2 6.6 9.8

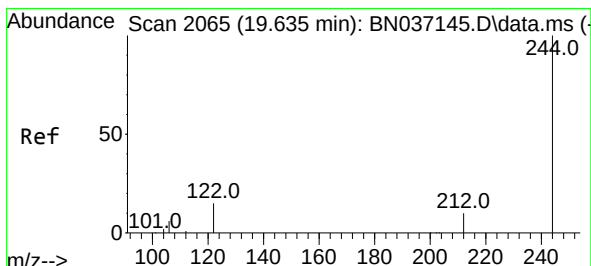
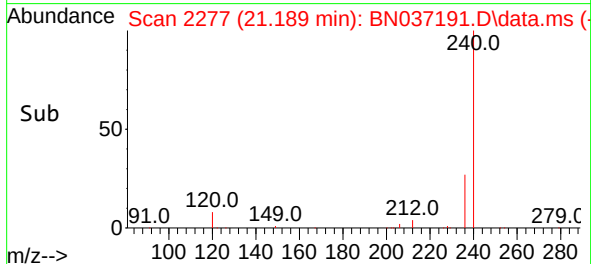
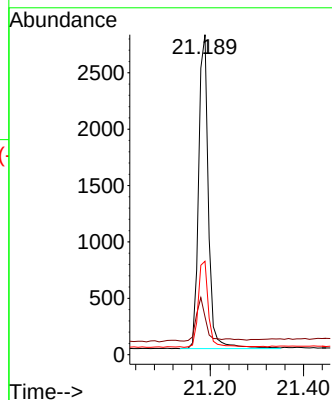
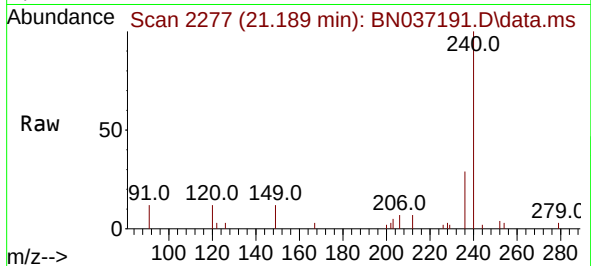




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 21189
Delta R.T. -0.000 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

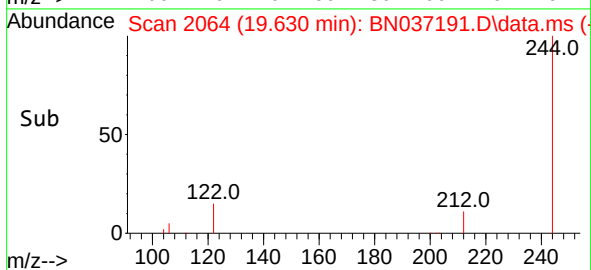
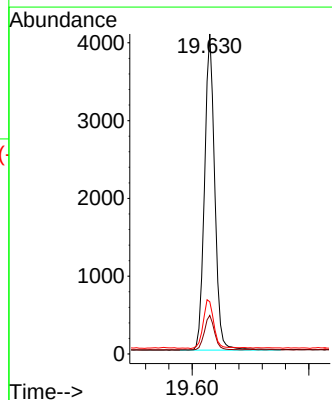
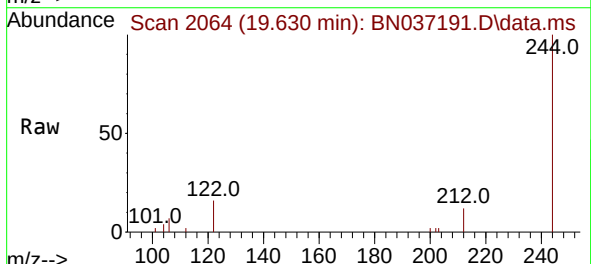
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525

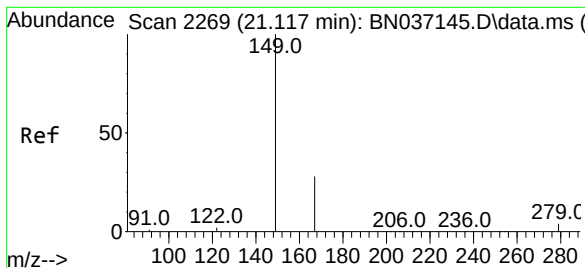
Tgt Ion:240	Resp:	4077
Ion Ratio	Lower	Upper
240	100	
120	11.8	9.0 13.4
236	29.2	23.0 34.4



#31
Terphenyl-d14
Concen: 0.518 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037191.D
Acq: 09 Jun 2025 12:06

Tgt Ion:244	Resp:	4973
Ion Ratio	Lower	Upper
244	100	
212	12.1	10.0 15.0
122	16.3	13.2 19.8

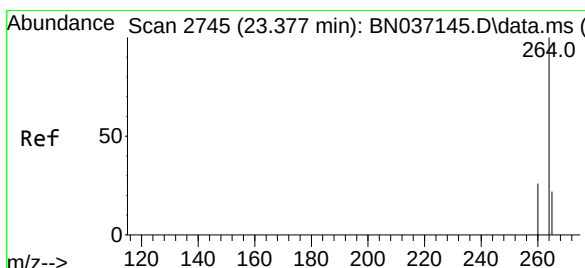
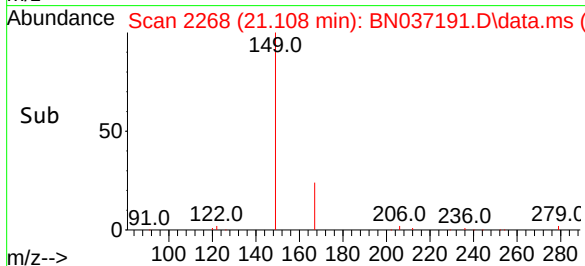
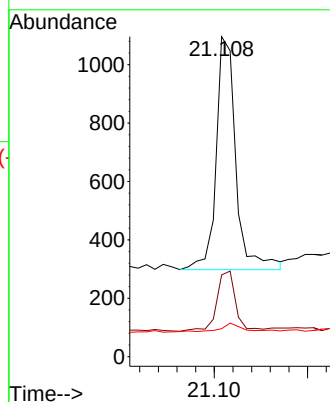
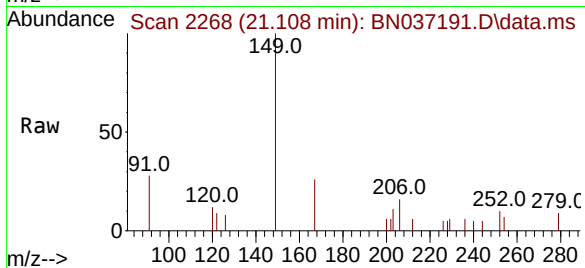




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.125 ng
 RT: 21.108 min Scan# 2116
 Delta R.T. -0.009 min
 Lab File: BN037191.D
 Acq: 09 Jun 2025 12:06

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-060525

Tgt Ion:	149	Resp:	1167
Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.0	31.4
279	3.3	2.9	4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN037191.D
 Acq: 09 Jun 2025 12:06

Tgt Ion:	264	Resp:	4054
Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.1	33.1
265	61.9	55.8	83.8

