

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
 Data File : BN037593.D
 Acq On : 13 Aug 2025 13:31
 Operator : RC/JU
 Sample : Q2806-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250807

Quant Time: Aug 13 14:02:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

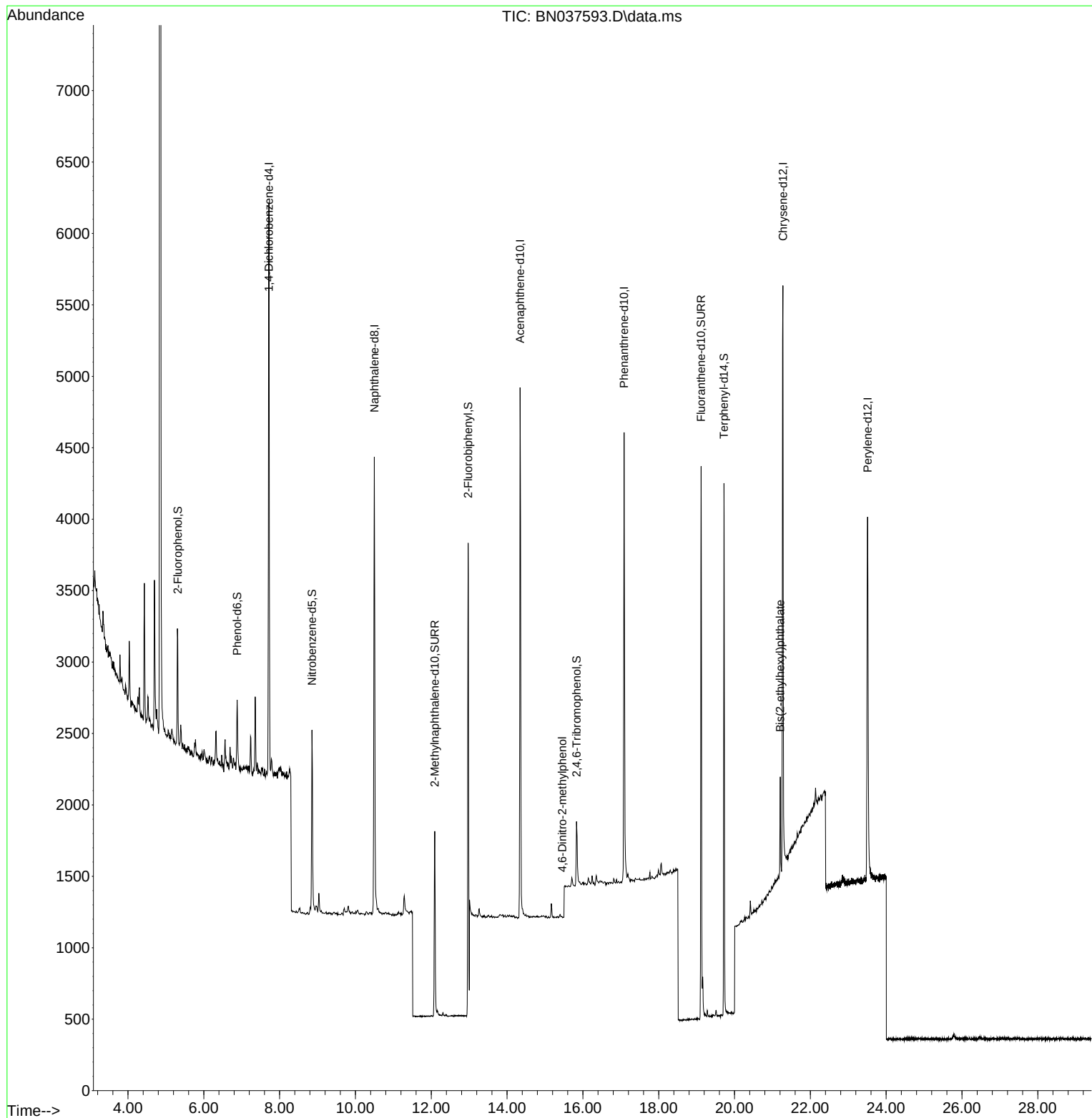
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1937	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4454	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2122	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4469	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4166	0.400	ng	0.00
35) Perylene-d12	23.511	264	3789	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	647	0.147	ng	0.00
5) Phenol-d6	6.879	99	446	0.084	ng	0.00
8) Nitrobenzene-d5	8.854	82	1105	0.352	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	1892	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	302	0.325	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4274	0.348	ng	0.00
27) Fluoranthene-d10	19.118	212	4415	0.376	ng	0.00
31) Terphenyl-d14	19.722	244	3642	0.425	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.457	198	3	0.184	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	645	0.112	ng	99

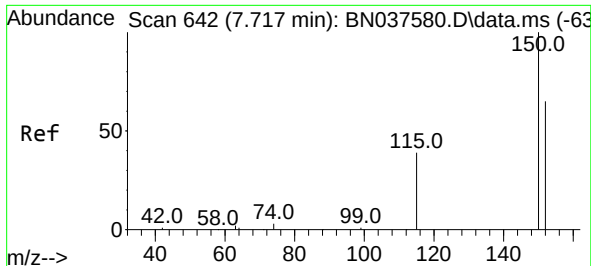
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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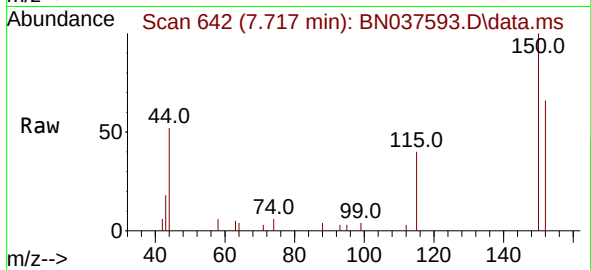
Quant Time: Aug 13 14:02:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



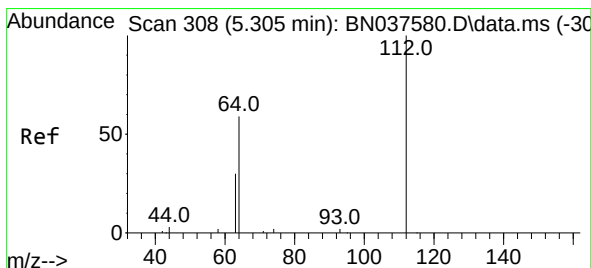
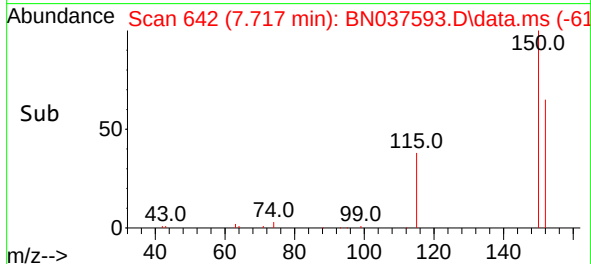
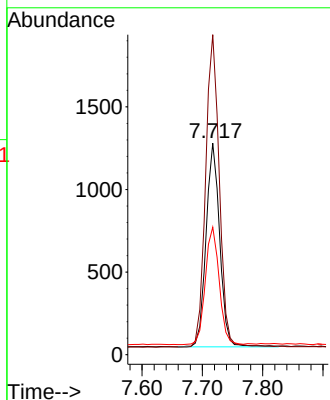


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. 0.000 min
Lab File: BN037593.D
Acq: 13 Aug 2025 13:31

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250807

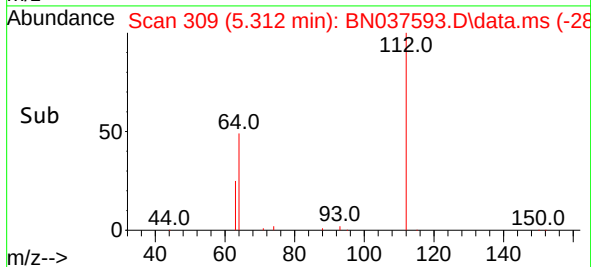
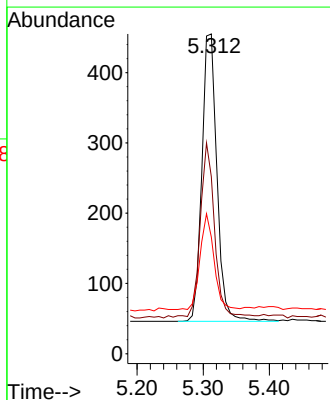
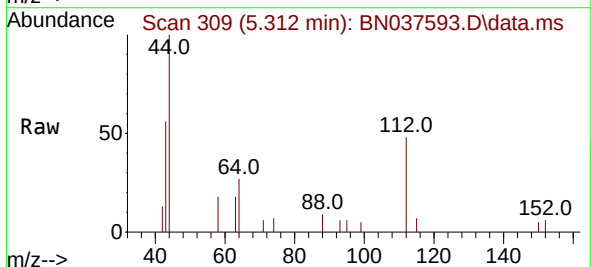


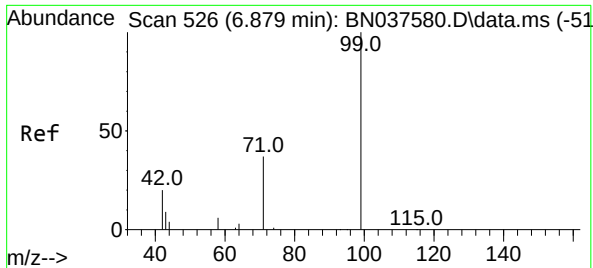
Tgt Ion:152 Resp: 1937
Ion Ratio Lower Upper
152 100
150 151.3 122.2 183.4
115 60.3 49.8 74.6



#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.007 min
Lab File: BN037593.D
Acq: 13 Aug 2025 13:31

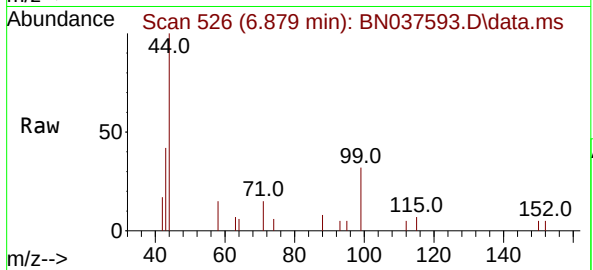
Tgt Ion:112 Resp: 647
Ion Ratio Lower Upper
112 100
64 58.7 44.9 67.3
63 30.9 23.4 35.2



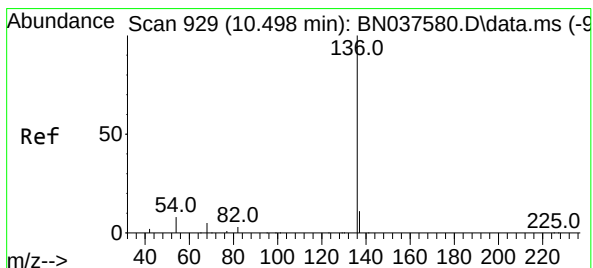
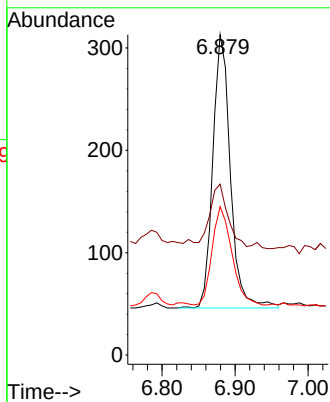
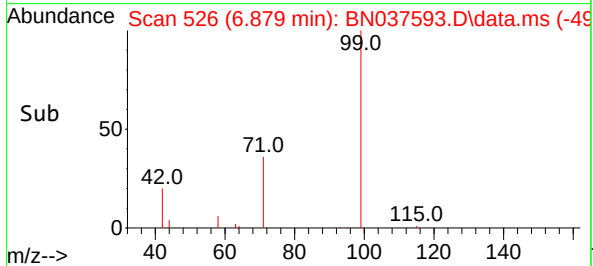


#5
Phenol-d6
Concen: 0.084 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037593.D
Acq: 13 Aug 2025 13:31

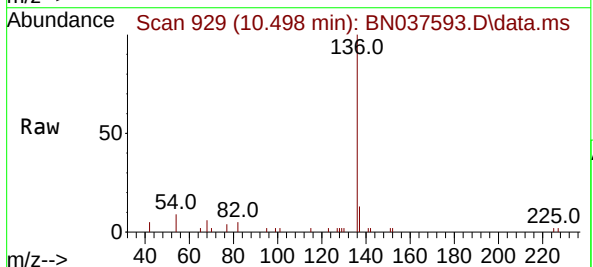
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250807



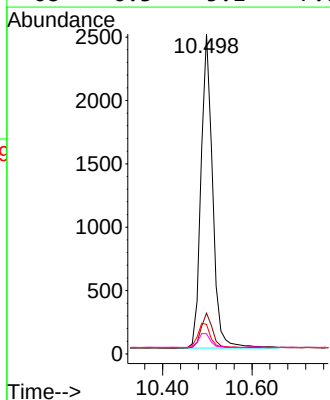
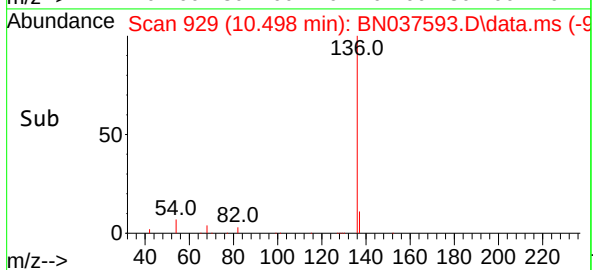
Tgt Ion:	99	Resp:	446
Ion	Ratio	Lower	Upper
99	100		
42	21.7	18.5	27.7
71	41.5	28.6	42.8

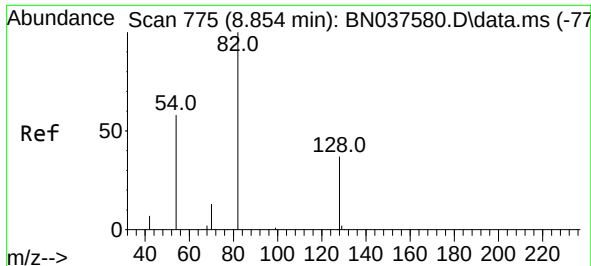


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037593.D
Acq: 13 Aug 2025 13:31



Tgt Ion:	136	Resp:	4454
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	9.2	7.3	10.9
68	6.3	5.1	7.7

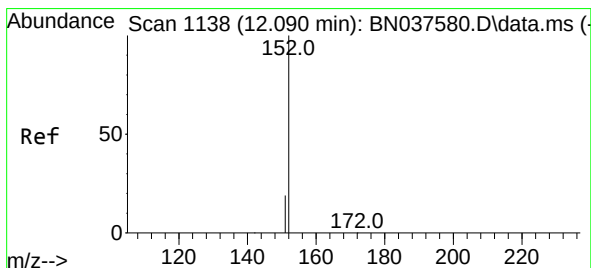
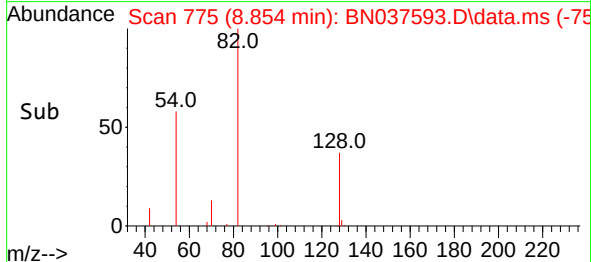
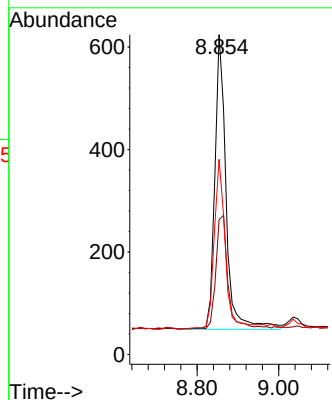
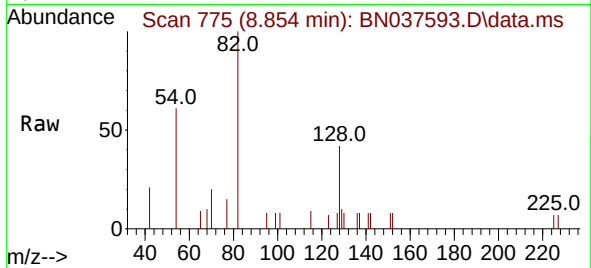




#8
 Nitrobenzene-d5
 Concen: 0.352 ng
 RT: 8.854 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: BN037593.D
 Acq: 13 Aug 2025 13:31

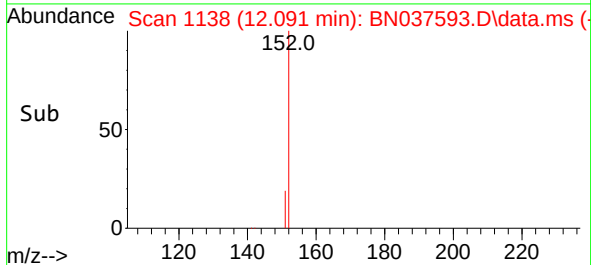
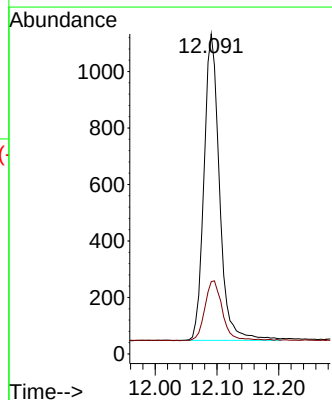
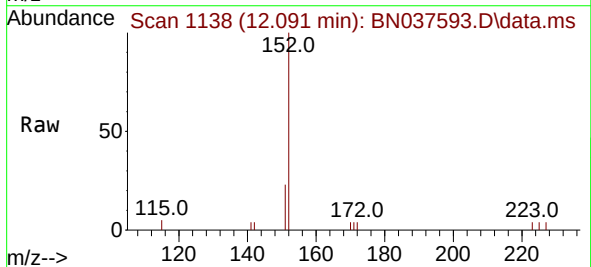
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250807

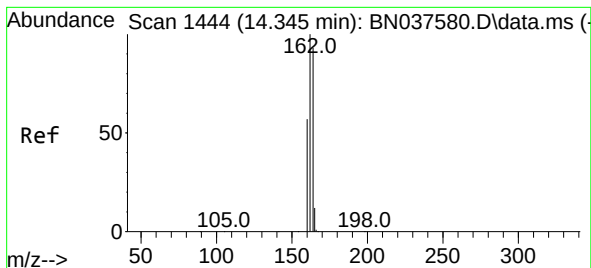
Tgt Ion:	82	Resp:	1105
Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.6	48.8
54	61.1	48.9	73.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.312 ng
 RT: 12.091 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: BN037593.D
 Acq: 13 Aug 2025 13:31

Tgt Ion:	152	Resp:	1892
Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.3	25.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BN037593.D

Acq: 13 Aug 2025 13:31

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20250807

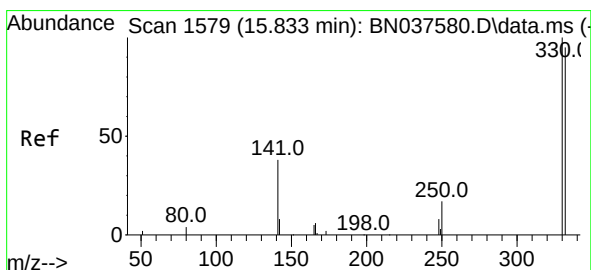
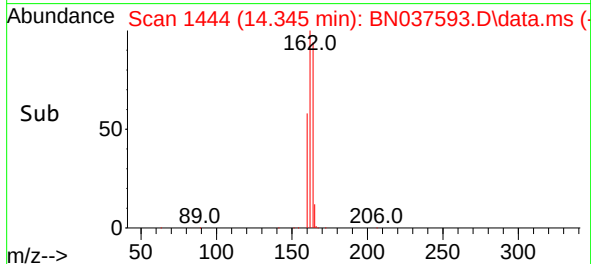
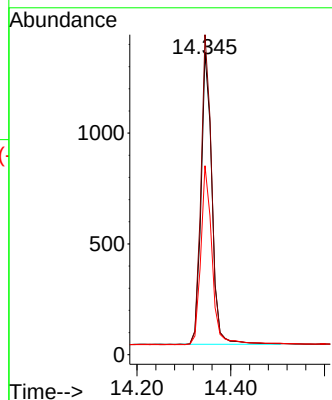
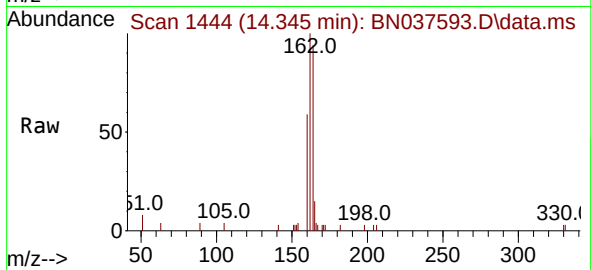
Tgt Ion:164 Resp: 2122

Ion Ratio Lower Upper

164 100

162 105.9 85.5 128.3

160 62.6 49.5 74.3



#14

2,4,6-Tribromophenol

Concen: 0.325 ng

RT: 15.833 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BN037593.D

Acq: 13 Aug 2025 13:31

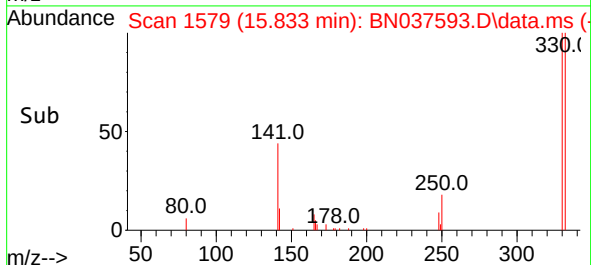
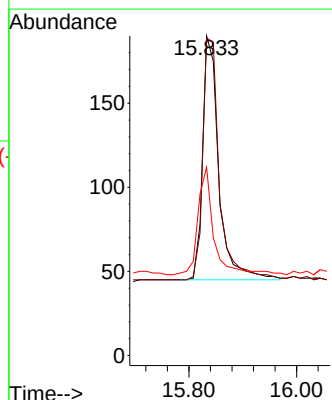
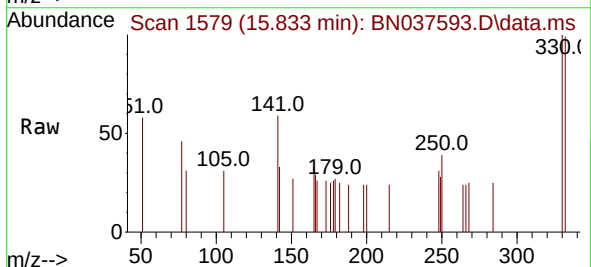
Tgt Ion:330 Resp: 302

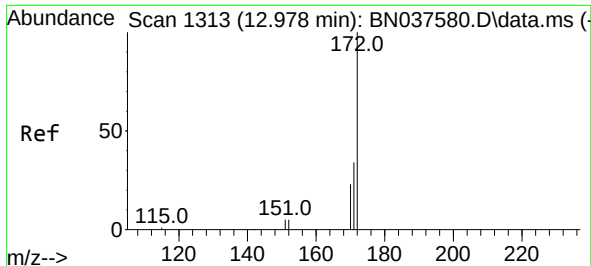
Ion Ratio Lower Upper

330 100

332 102.3 77.4 116.0

141 43.4 30.9 46.3

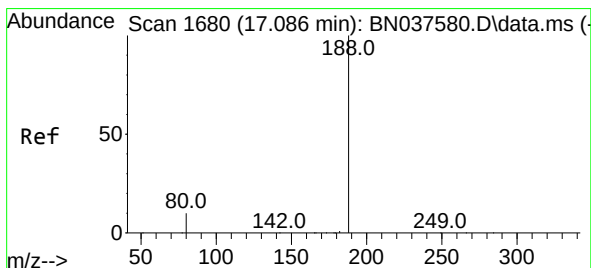
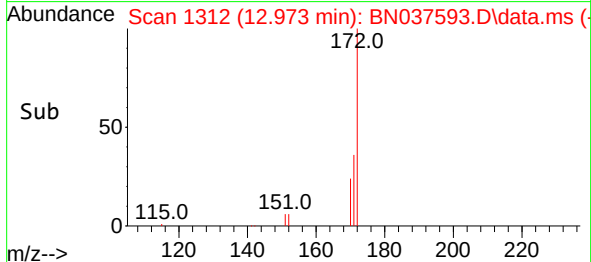
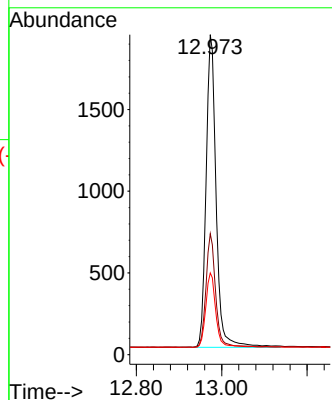
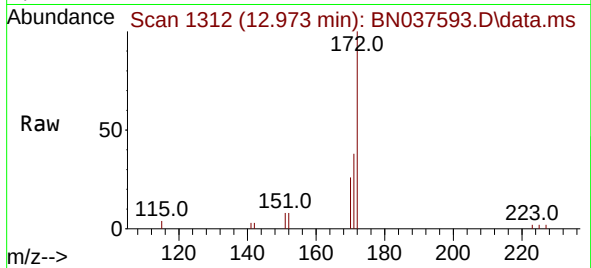




#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037593.D
Acq: 13 Aug 2025 13:31

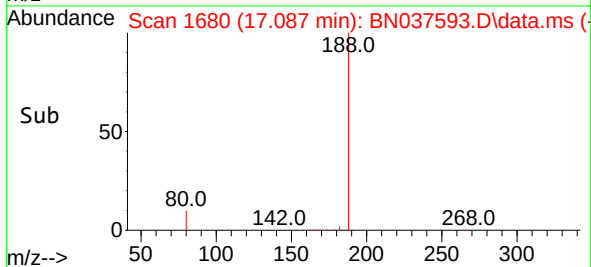
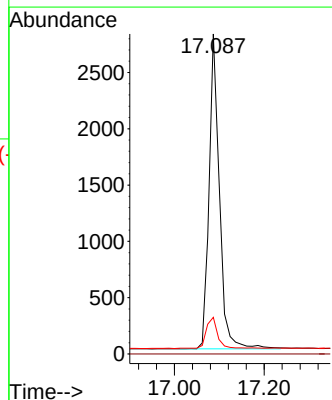
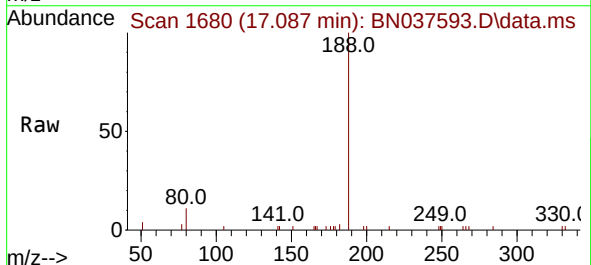
Instrument :
BNA_N
ClientSampleId :
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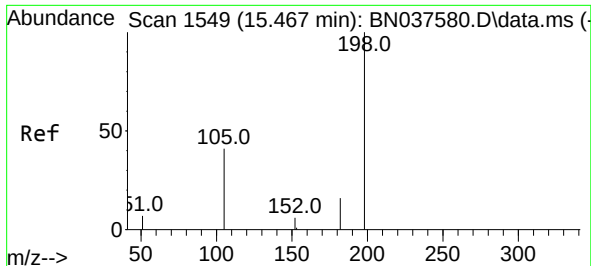
Tgt Ion:172 Resp: 4274
Ion Ratio Lower Upper
172 100
171 37.8 28.2 42.4
170 25.5 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037593.D
Acq: 13 Aug 2025 13:31

Tgt Ion:188 Resp: 4469
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.1 13.7

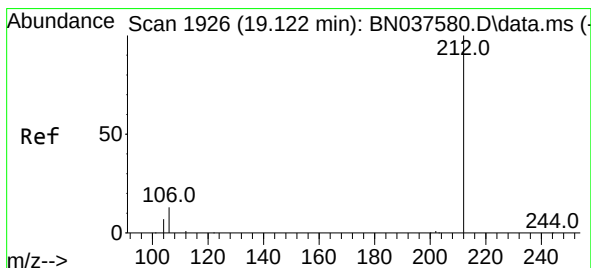
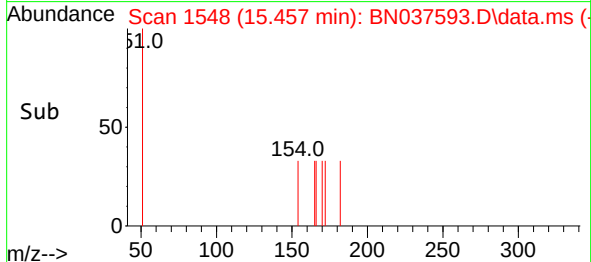
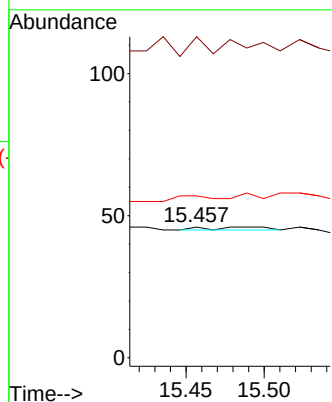
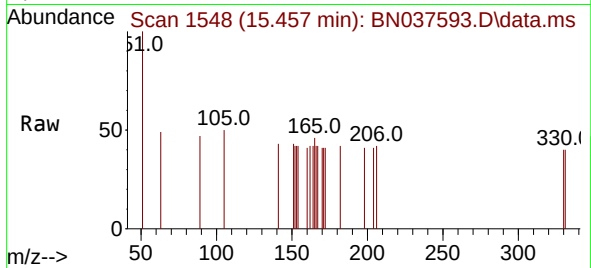




#20
4,6-Dinitro-2-methylphenol
Concen: 0.184 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.010 min
Lab File: BN037593.D
Acq: 13 Aug 2025 13:31

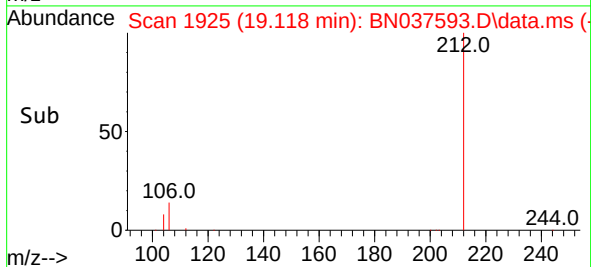
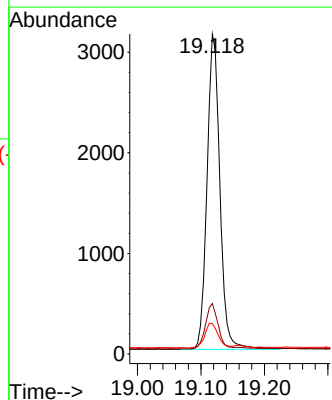
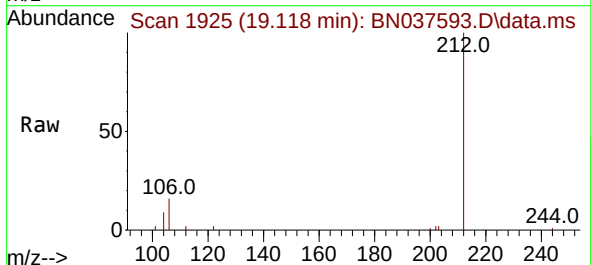
Instrument :
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ClientSampleId :
RW7-SP201-20250807

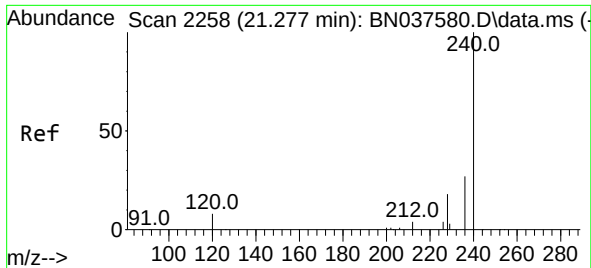
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 245.7 81.0 121.6#
105 123.9 52.5 78.7#



#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BN037593.D
Acq: 13 Aug 2025 13:31

Tgt Ion:212 Resp: 4415
Ion Ratio Lower Upper
212 100
106 14.5 11.5 17.3
104 8.2 6.6 9.8

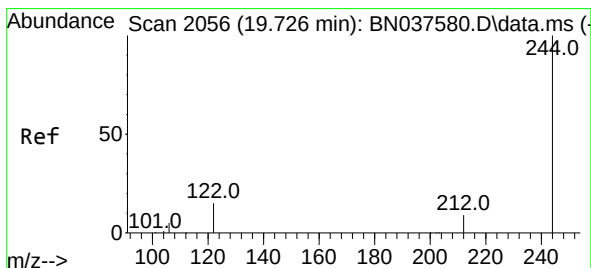
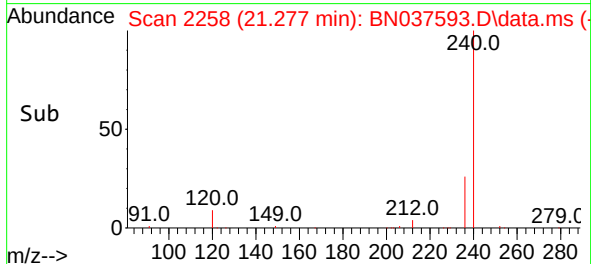
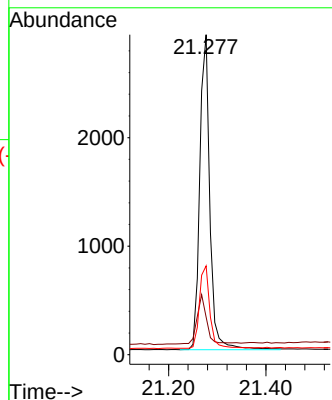
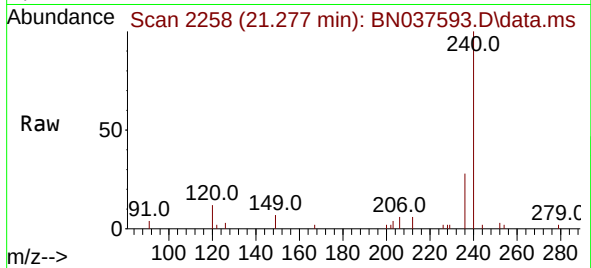




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037593.D
Acq: 13 Aug 2025 13:31

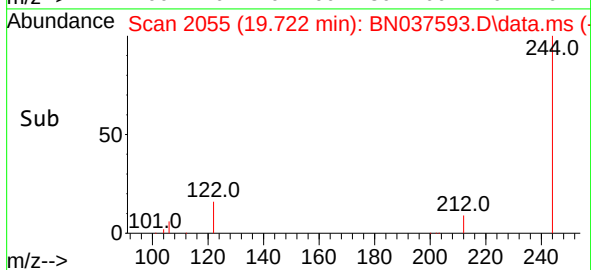
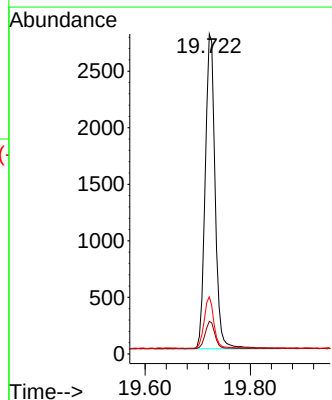
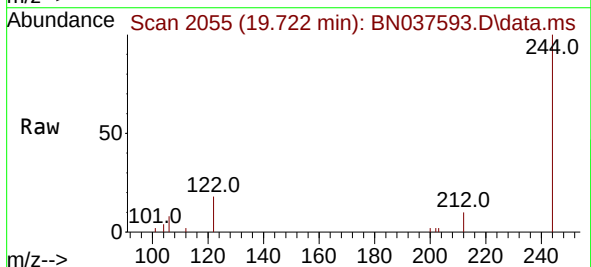
Instrument :
BNA_N
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RW7-SP201-20250807

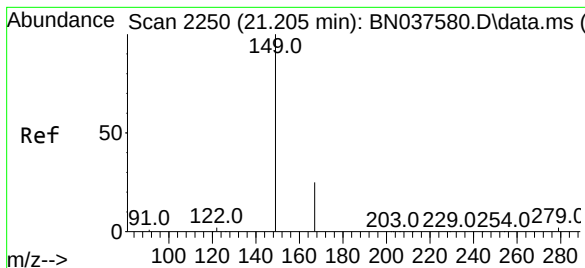
Tgt Ion:	240	Resp:	4166
Ion Ratio	Lower	Upper	
240	100		
120	11.8	8.9	13.3
236	27.8	22.6	33.8



#31
Terphenyl-d14
Concen: 0.425 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.004 min
Lab File: BN037593.D
Acq: 13 Aug 2025 13:31

Tgt Ion:	244	Resp:	3642
Ion Ratio	Lower	Upper	
244	100		
212	10.2	8.2	12.2
122	17.9	13.2	19.8

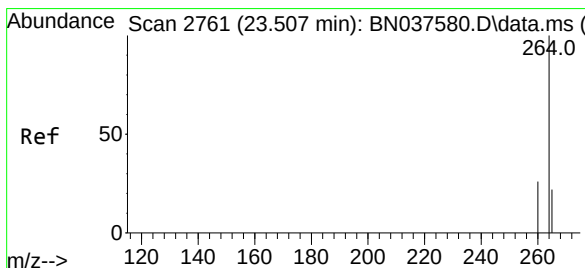
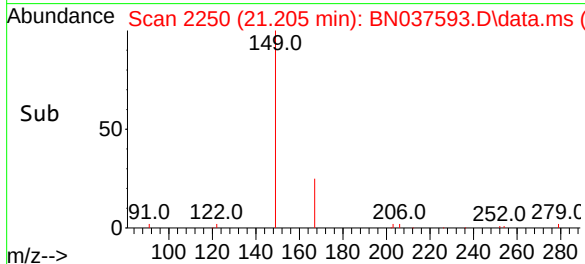
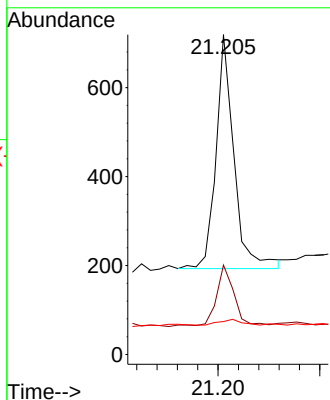
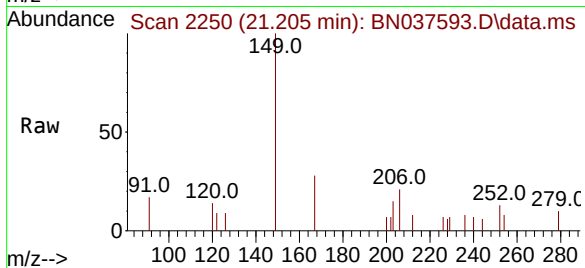




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.112 ng
 RT: 21.205 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037593.D
 Acq: 13 Aug 2025 13:31

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250807

Tgt Ion:	149	Resp:	645
Ion Ratio	Lower	Upper	
149	100		
167	26.4	20.5	30.7
279	2.9	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.511 min Scan# 2762
 Delta R.T. 0.003 min
 Lab File: BN037593.D
 Acq: 13 Aug 2025 13:31

Tgt Ion:	264	Resp:	3789
Ion Ratio	Lower	Upper	
264	100		
260	26.3	21.6	32.4
265	67.9	48.2	72.4

