

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
 Data File : BN037591.D
 Acq On : 13 Aug 2025 12:18
 Operator : RC/JU
 Sample : Q2805-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250807

Quant Time: Aug 13 12:42:26 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)

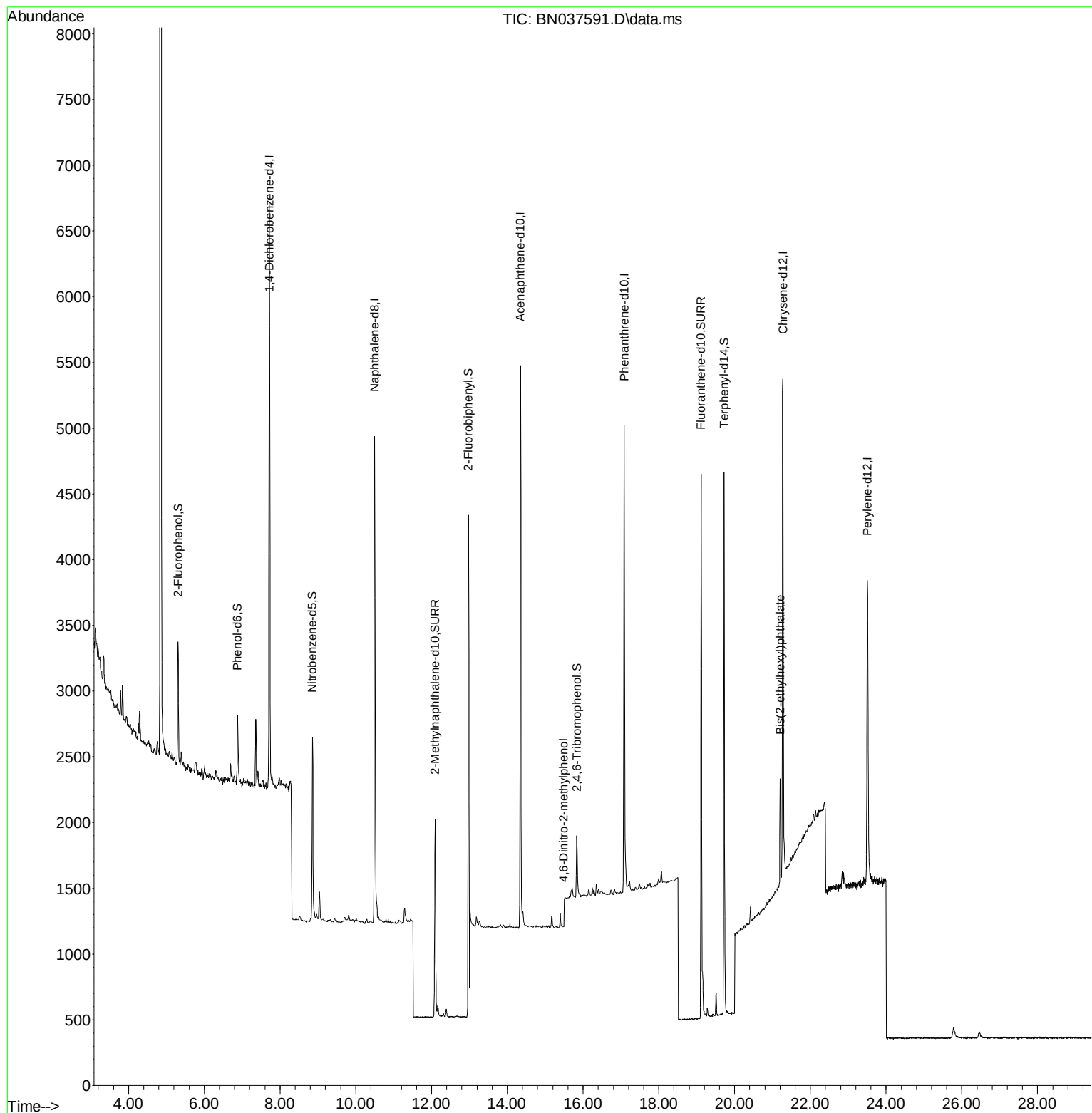
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2147	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5102	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2477	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4957	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4082	0.400	ng	0.00
35) Perylene-d12	23.507	264	3495	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	730	0.150	ng	0.00
5) Phenol-d6	6.879	99	484	0.083	ng	0.00
8) Nitrobenzene-d5	8.854	82	1229	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	2225	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	323	0.298	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	5253	0.367	ng	0.00
27) Fluoranthene-d10	19.118	212	4650	0.357	ng	0.00
31) Terphenyl-d14	19.721	244	3768	0.449	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.488	198	9	0.191	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	739	0.131	ng	# 95

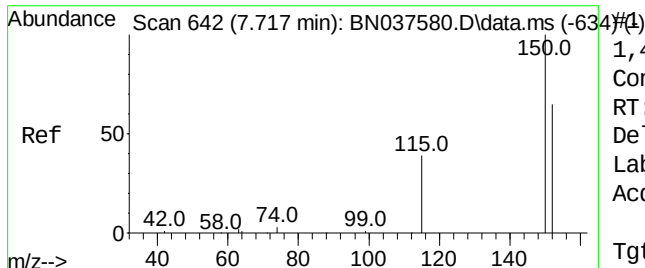
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 13 12:42:26 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
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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.717 min Scan#

Delta R.T. -0.000 min

Lab File: BN037591.D

Acq: 13 Aug 2025 12:18

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20250807

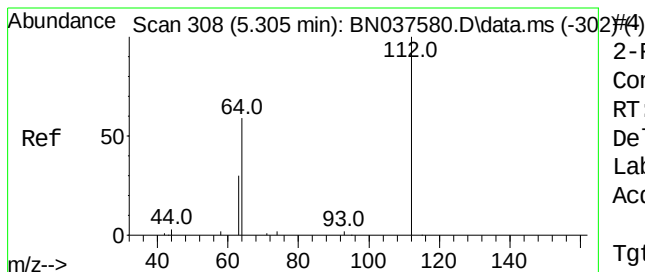
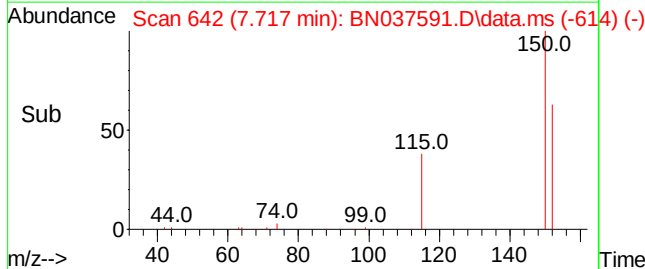
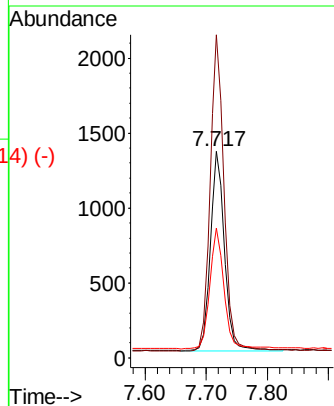
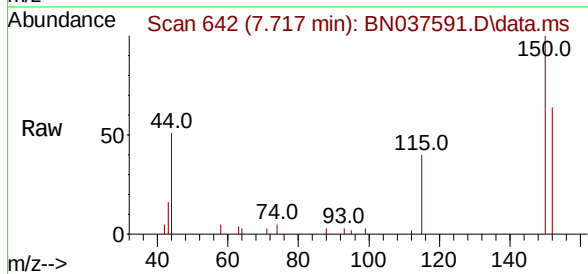
Tgt Ion:152 Resp: 2147

Ion Ratio Lower Upper

152 100

150 156.2 122.2 183.4

115 62.8 49.8 74.6



2-Fluorophenol

Concen: 0.150 ng

RT: 5.305 min Scan# 308

Delta R.T. -0.000 min

Lab File: BN037591.D

Acq: 13 Aug 2025 12:18

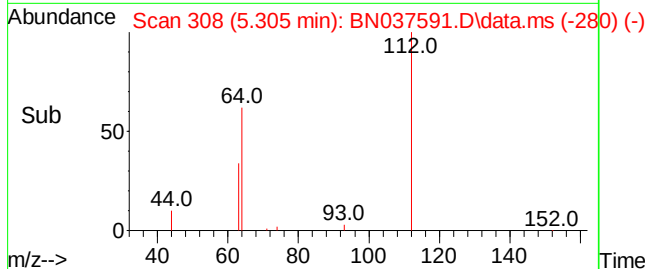
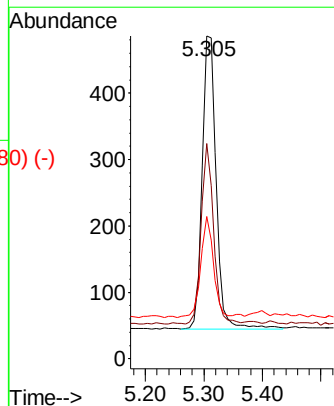
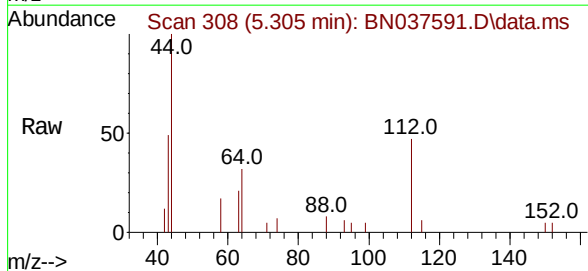
Tgt Ion:112 Resp: 730

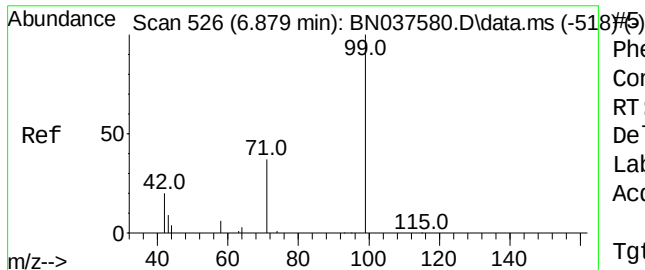
Ion Ratio Lower Upper

112 100

64 54.8 44.9 67.3

63 31.4 23.4 35.2





Phenol-d6

Concen: 0.083 ng

RT: 6.879 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN037591.D

Acq: 13 Aug 2025 12:18

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20250807

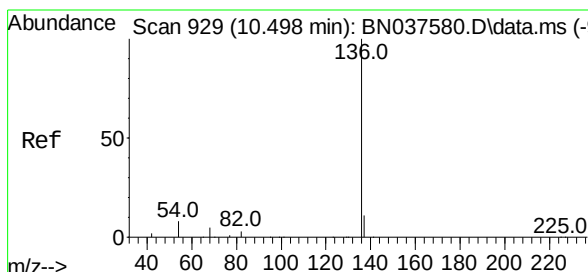
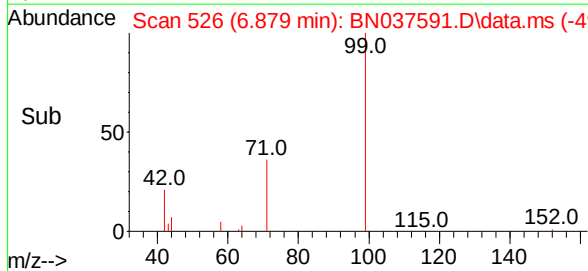
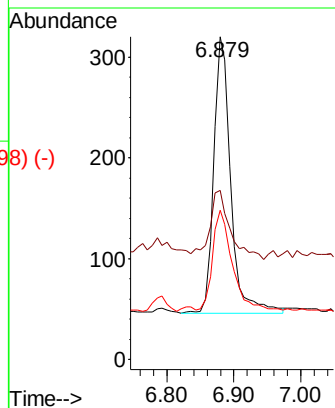
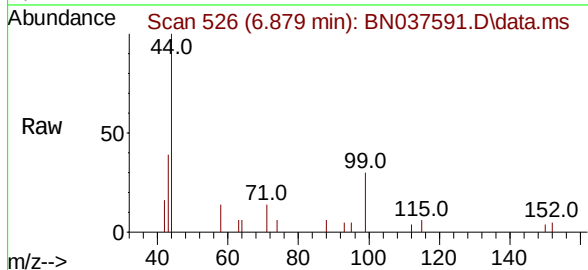
Tgt Ion: 99 Resp: 484

Ion Ratio Lower Upper

99 100

42 30.6 18.5 27.7#

71 41.9 28.6 42.8



Naphthalene-d8

Concen: 0.400 ng

RT: 10.498 min Scan# 929

Delta R.T. -0.000 min

Lab File: BN037591.D

Acq: 13 Aug 2025 12:18

Tgt Ion: 136 Resp: 5102

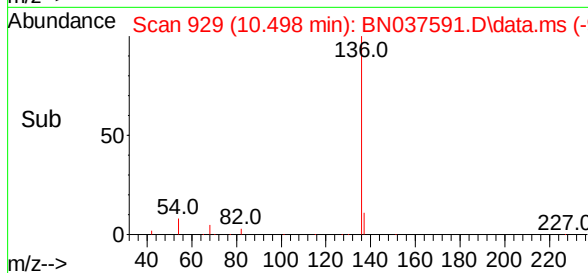
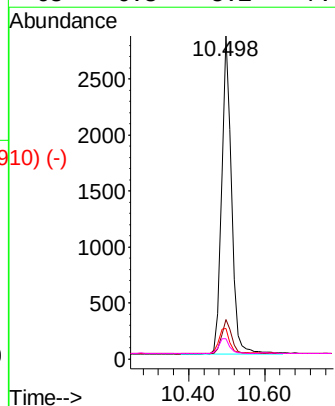
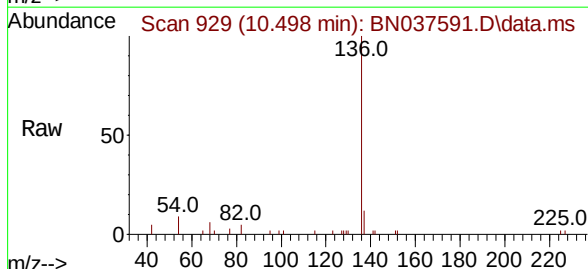
Ion Ratio Lower Upper

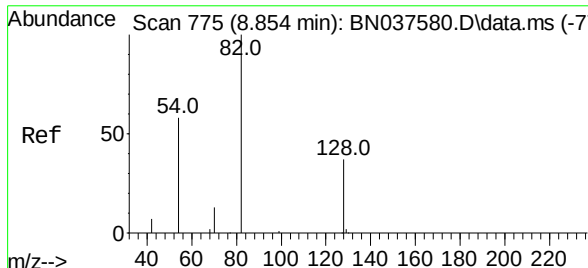
136 100

137 12.2 9.5 14.3

54 9.4 7.3 10.9

68 6.3 5.1 7.7





Nitrobenzene-d5

Concen: 0.342 ng

RT: 8.854 min Scan#

Delta R.T. -0.000 min

Lab File: BN037591.D

Acq: 13 Aug 2025 12:18

Instrument :

BNA_N

ClientSampleId :

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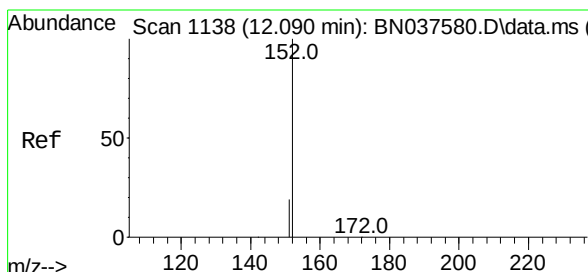
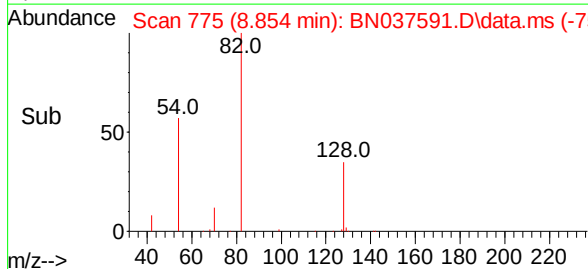
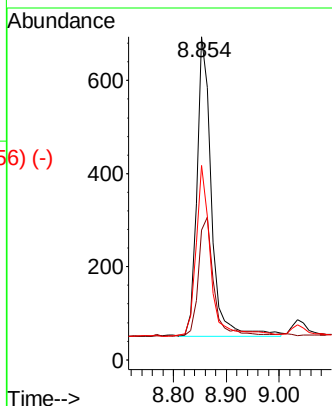
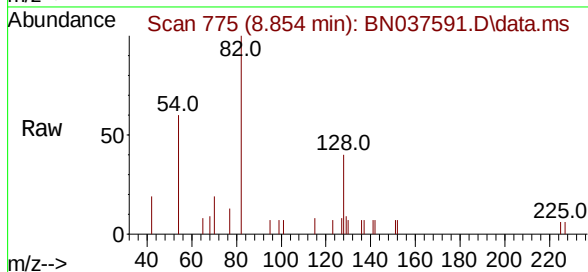
Tgt Ion: 82 Resp: 1229

Ion Ratio Lower Upper

82 100

128 40.2 32.6 48.8

54 60.1 48.9 73.3



2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 12.090 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BN037591.D

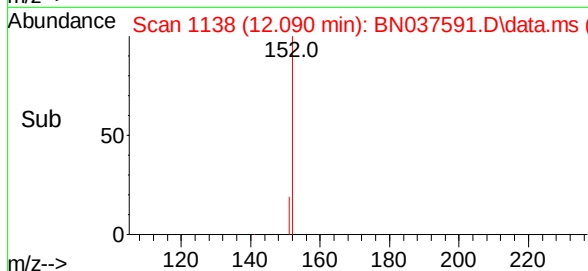
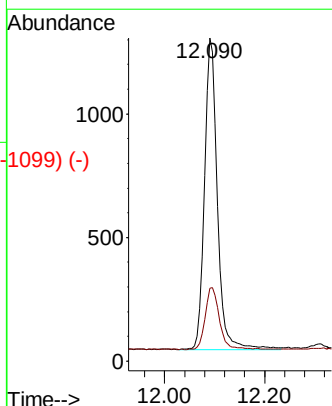
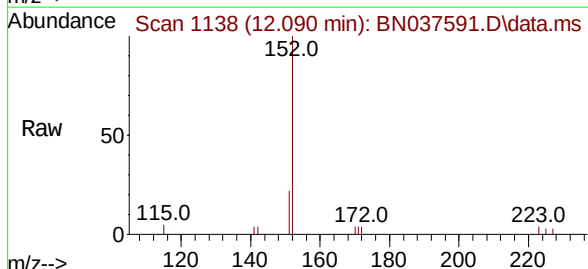
Acq: 13 Aug 2025 12:18

Tgt Ion: 152 Resp: 2225

Ion Ratio Lower Upper

152 100

151 21.8 17.3 25.9



Abundance Scan 1444 (14.345 min): BN037580.D\data.ms (-1435) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BN037591.D

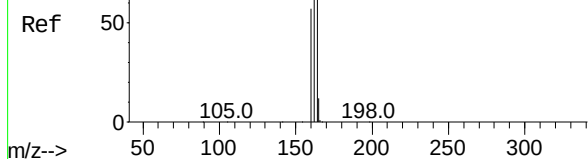
Acq: 13 Aug 2025 12:18

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20250807



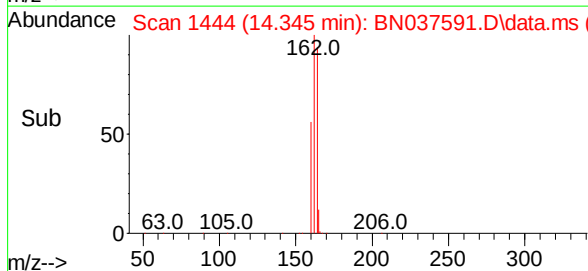
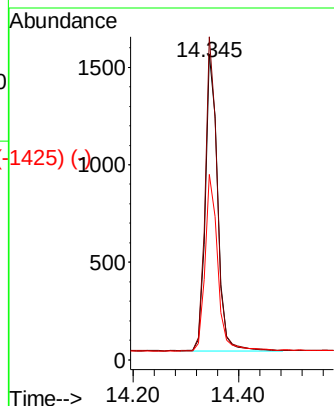
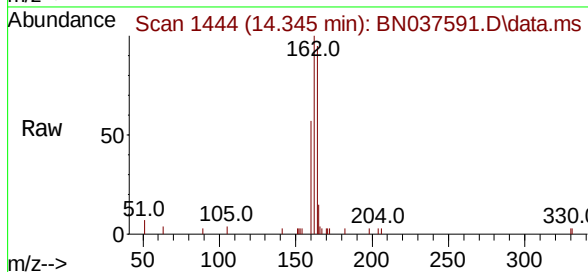
Tgt Ion:164 Resp: 2477

Ion Ratio Lower Upper

164 100

162 105.5 85.5 128.3

160 60.6 49.5 74.3



Abundance Scan 1579 (15.833 min): BN037580.D\data.ms (-1575) (-)

2,4,6-Tribromophenol

Concen: 0.298 ng

RT: 15.833 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BN037591.D

Acq: 13 Aug 2025 12:18

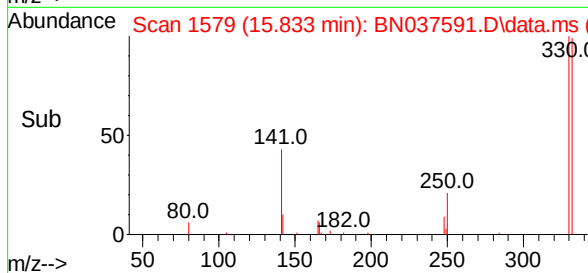
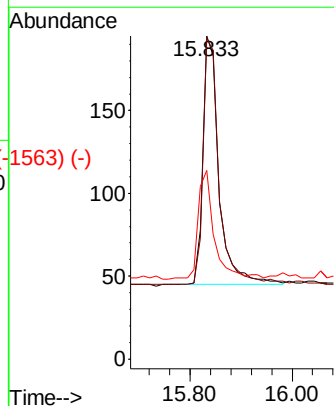
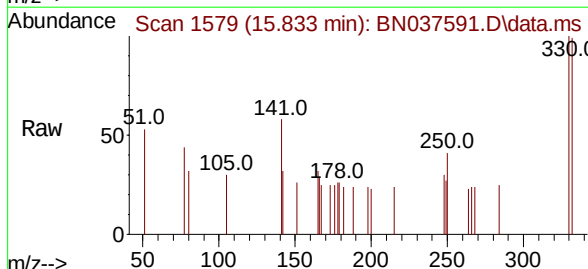
Tgt Ion:330 Resp: 323

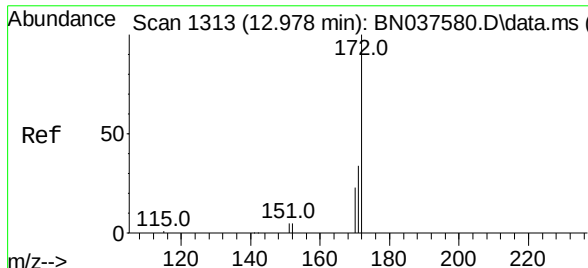
Ion Ratio Lower Upper

330 100

332 99.1 77.4 116.0

141 44.9 30.9 46.3

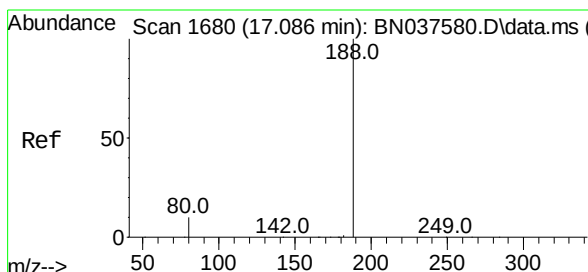
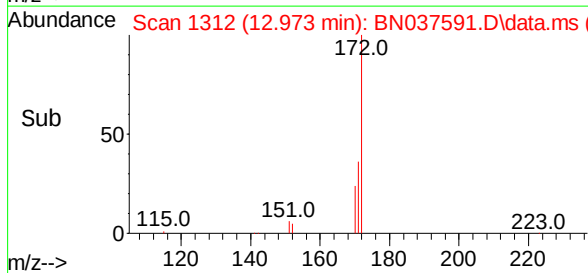
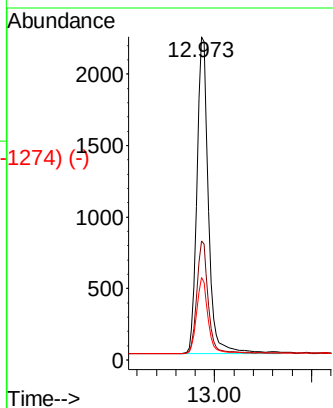
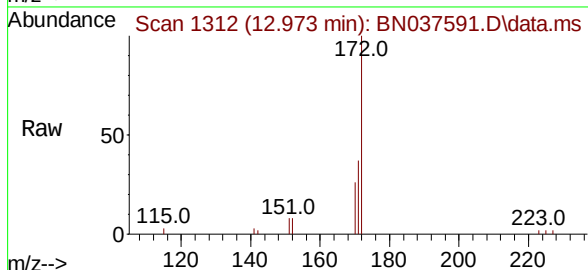




2-Fluorobiphenyl
 Concen: 0.367 ng
 RT: 12.973 min Scan# 1313
 Delta R.T. -0.005 min
 Lab File: BN037591.D
 Acq: 13 Aug 2025 12:18

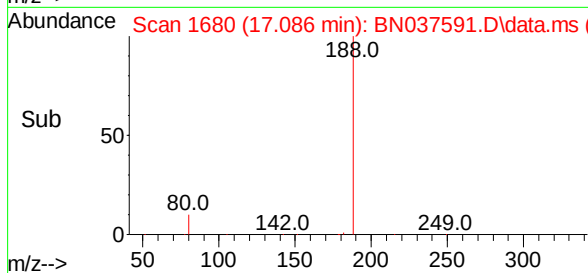
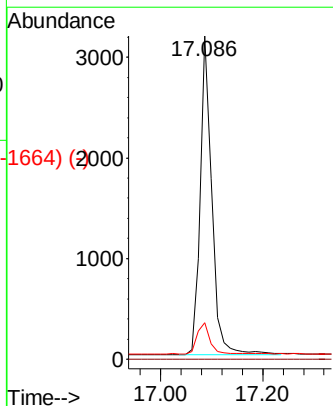
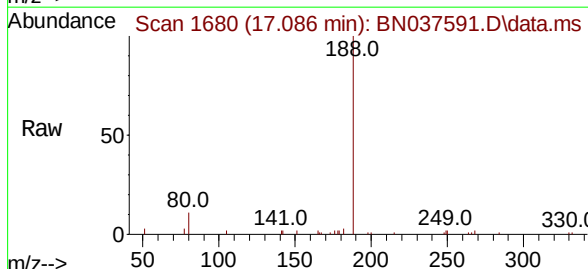
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Tgt Ion:	172	Resp:	5253
Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.2	42.4
170	25.6	19.2	28.8

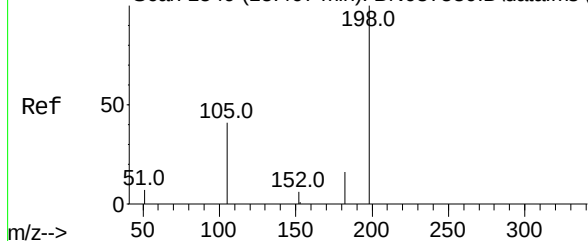


Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.086 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BN037591.D
 Acq: 13 Aug 2025 12:18

Tgt Ion:	188	Resp:	4957
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	9.1	13.7



Abundance Scan 1549 (15.467 min): BN037580.D\data.ms (-1520) (-)

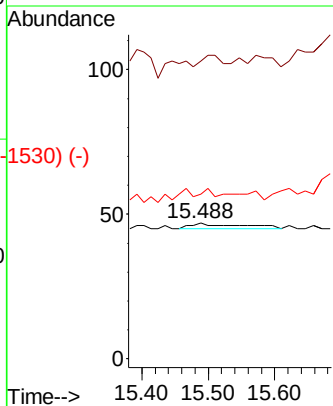
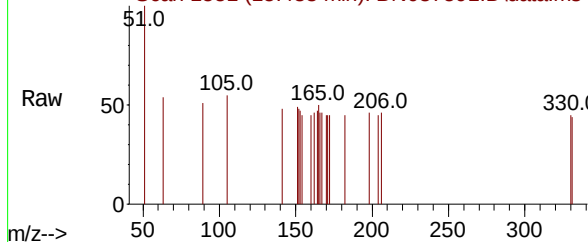


4,6-Dinitro-2-methylphenol
Concen: 0.191 ng
RT: 15.488 min Scan# 1551
Delta R.T. 0.021 min
Lab File: BN037591.D
Acq: 13 Aug 2025 12:18

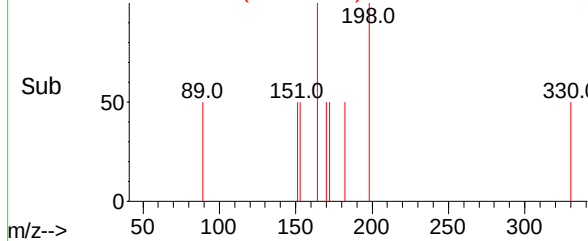
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250807

Tgt Ion:	198	Resp:	9
Ion	Ratio	Lower	Upper
198	100		
51	219.1	81.0	121.6#
105	121.3	52.5	78.7#

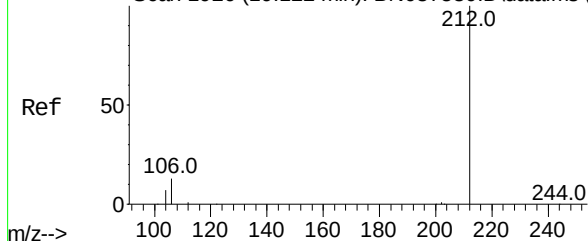
Abundance Scan 1551 (15.488 min): BN037591.D\data.ms



Abundance Scan 1551 (15.488 min): BN037591.D\data.ms (-1530) (-)



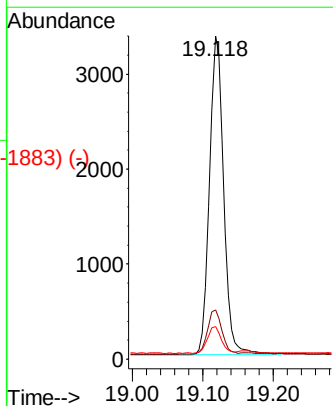
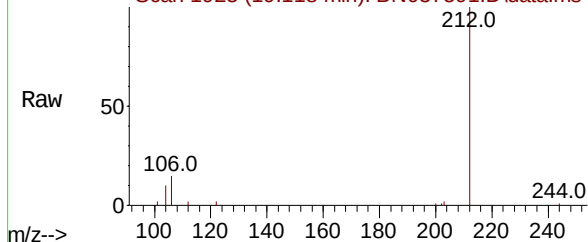
Abundance Scan 1926 (19.122 min): BN037580.D\data.ms (-1927) (-)



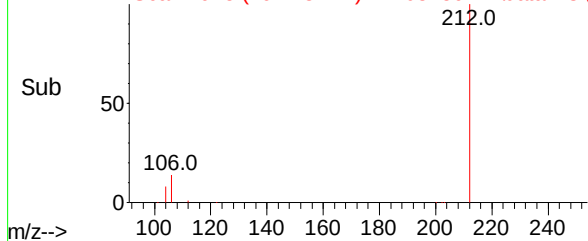
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037591.D
Acq: 13 Aug 2025 12:18

Tgt Ion:	212	Resp:	4650
Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.5	17.3
104	8.2	6.6	9.8

Abundance Scan 1925 (19.118 min): BN037591.D\data.ms



Abundance Scan 1925 (19.118 min): BN037591.D\data.ms (-1883) (-)



Abundance Scan 2258 (21.277 min): BN037580.D\data.ms (-2236) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 2258

Delta R.T. -0.000 min

Lab File: BN037591.D

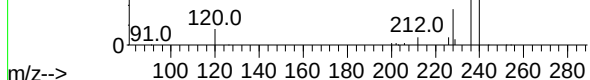
Acq: 13 Aug 2025 12:18

Instrument :

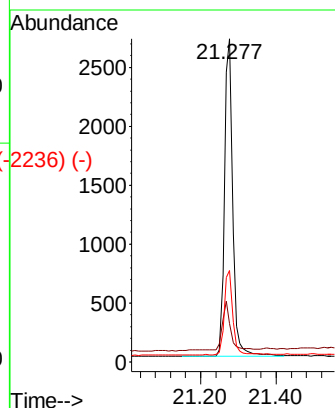
BNA_N

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Tgt Ion:	240	Resp:	4082
Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	28.3	22.6	33.8



Abundance Scan 2056 (19.726 min): BN037580.D\data.ms (-2031) (-)

Terphenyl-d14

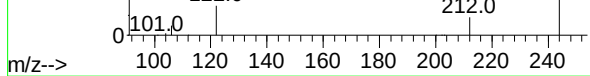
Concen: 0.449 ng

RT: 19.721 min Scan# 2055

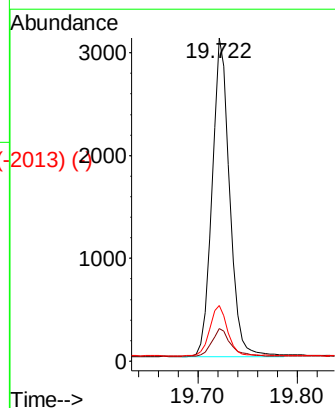
Delta R.T. -0.005 min

Lab File: BN037591.D

Acq: 13 Aug 2025 12:18



Tgt Ion:	244	Resp:	3768
Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.2	12.2
122	17.3	13.2	19.8



Abundance Scan 2250 (21.205 min): BN037580.D\data.ms (-2242) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.131 ng

RT: 21.205 min Scan# 2250

Delta R.T. -0.000 min

Lab File: BN037591.D

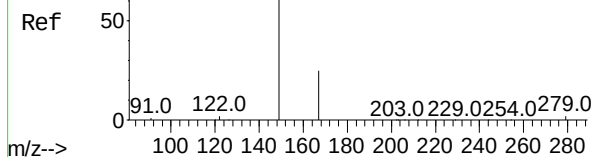
Acq: 13 Aug 2025 12:18

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20250807



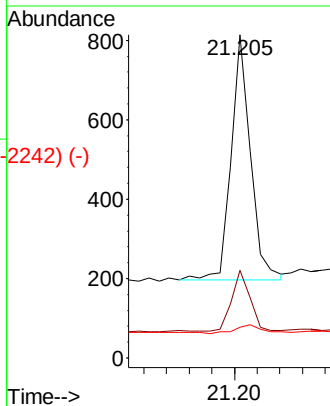
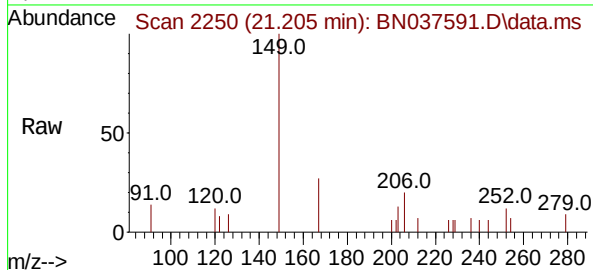
Tgt Ion:149 Resp: 739

Ion Ratio Lower Upper

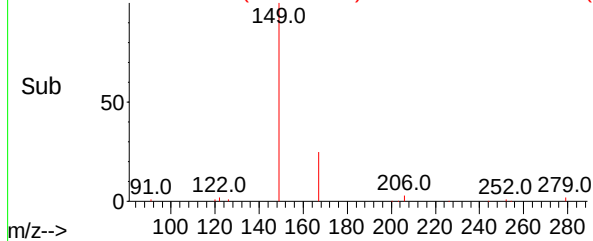
149 100

167 23.3 20.5 30.7

279 5.3 2.6 4.0#



Abundance Scan 2250 (21.205 min): BN037591.D\data.ms (-2242) (-)



Abundance Scan 2761 (23.507 min): BN037580.D\data.ms (-2742) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.507 min Scan# 2761

Delta R.T. -0.000 min

Lab File: BN037591.D

Acq: 13 Aug 2025 12:18

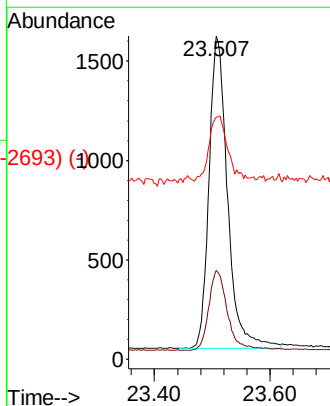
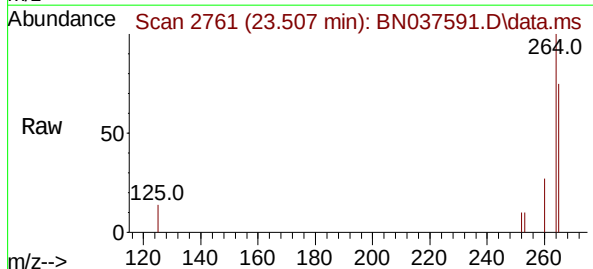
Tgt Ion:264 Resp: 3495

Ion Ratio Lower Upper

264 100

260 27.4 21.6 32.4

265 74.8 48.2 72.4#



Abundance Scan 2761 (23.507 min): BN037591.D\data.ms (-2693) (-)

