

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037624.D
 Acq On : 20 Aug 2025 07:49
 Operator : RC/JU
 Sample : Q2881-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250814

Quant Time: Aug 20 08:17:16 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)

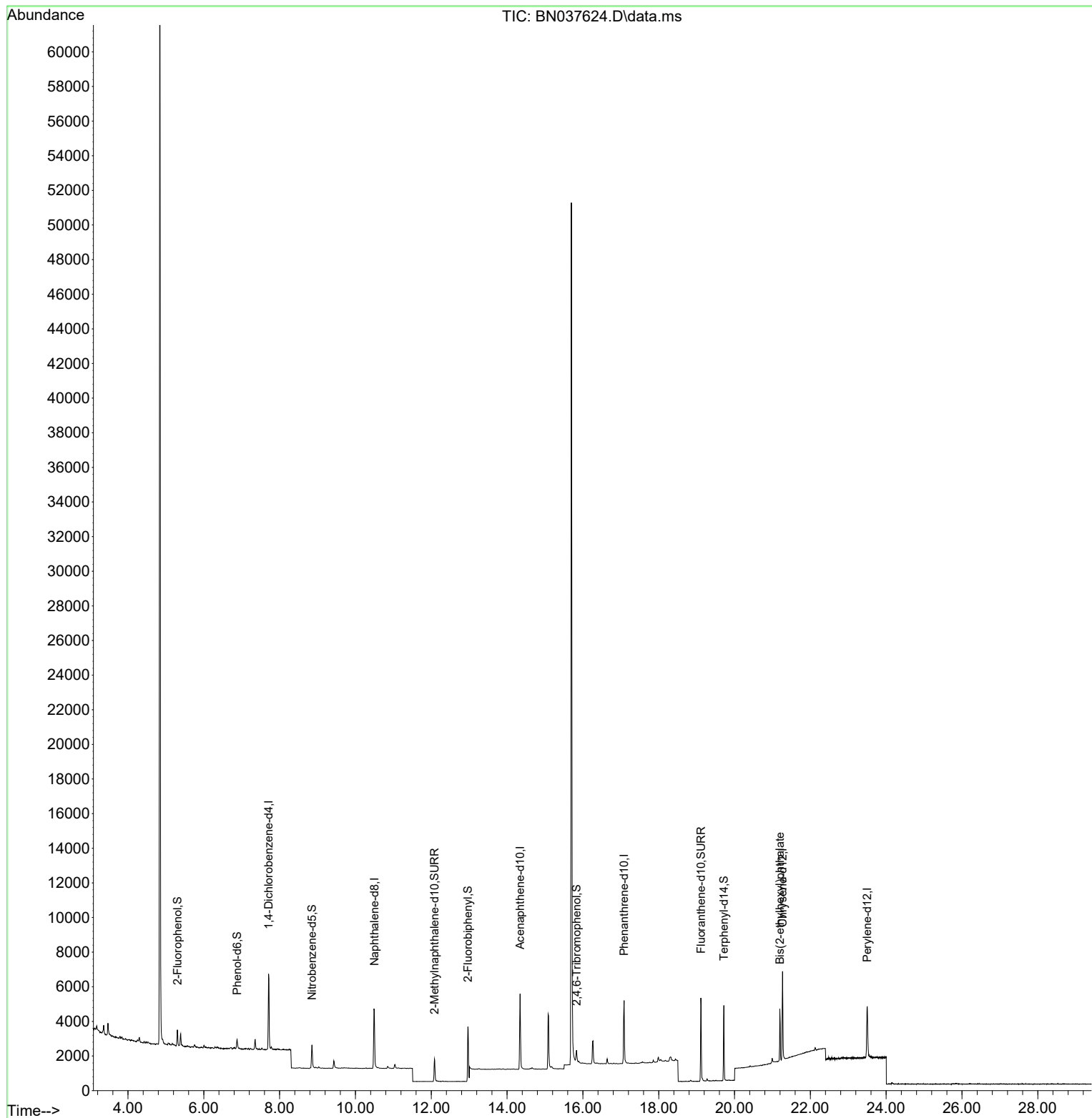
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2203	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5181	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2518	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5410	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	4670	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	4150	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	706	0.141	ng	0.00
5) Phenol-d6	6.879	99	485	0.081	ng	0.00
8) Nitrobenzene-d5	8.854	82	1190	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1900	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	382	0.347	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	4349	0.299	ng	0.00
27) Fluoranthene-d10	19.113	212	5272	0.370	ng	0.00
31) Terphenyl-d14	19.717	244	4123	0.429	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.196	149	2684	0.417	ng	Qvalue 99

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

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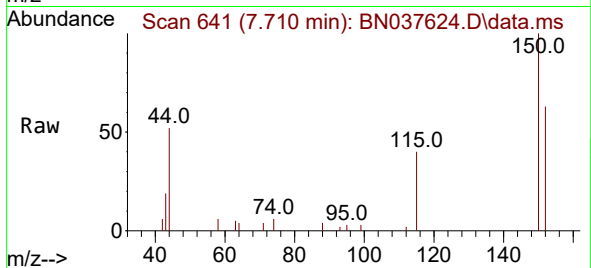
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
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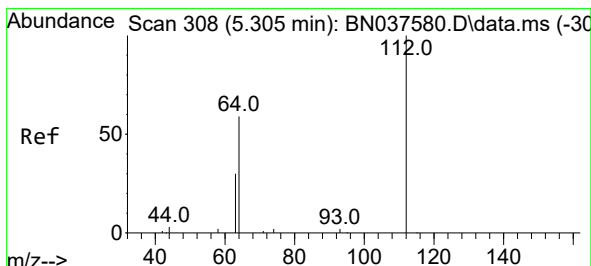
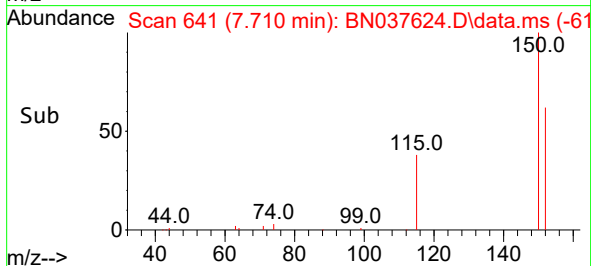
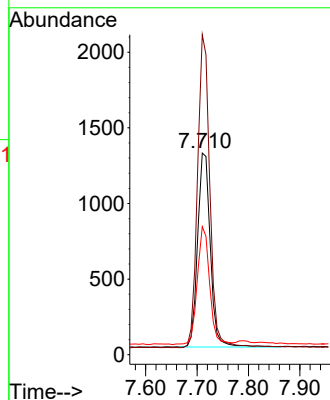


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037624.D
Acq: 20 Aug 2025 07:49

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250814

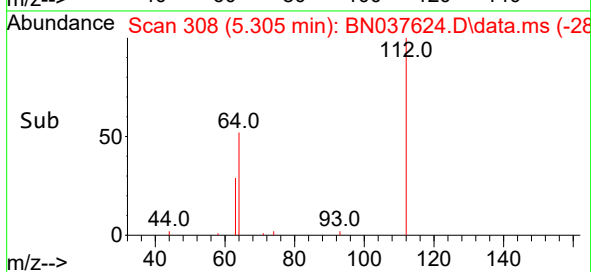
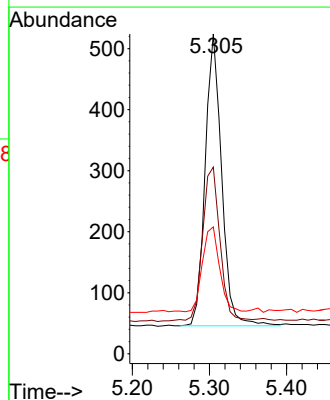
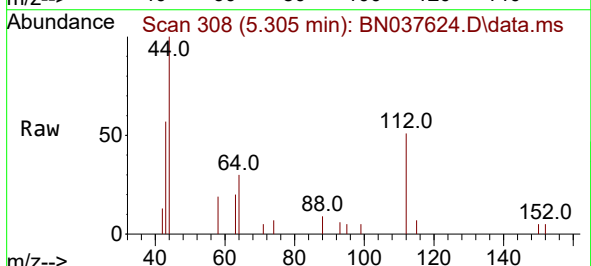


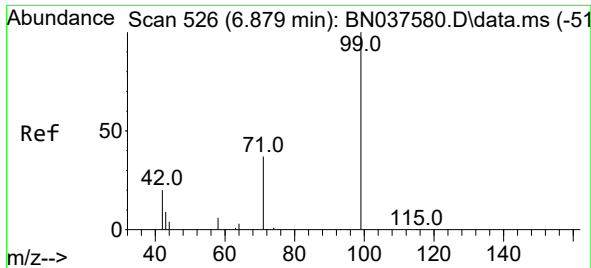
Tgt Ion:152 Resp: 2203
Ion Ratio Lower Upper
152 100
150 158.7 122.2 183.4
115 63.5 49.8 74.6



#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037624.D
Acq: 20 Aug 2025 07:49

Tgt Ion:112 Resp: 706
Ion Ratio Lower Upper
112 100
64 56.4 44.9 67.3
63 30.7 23.4 35.2

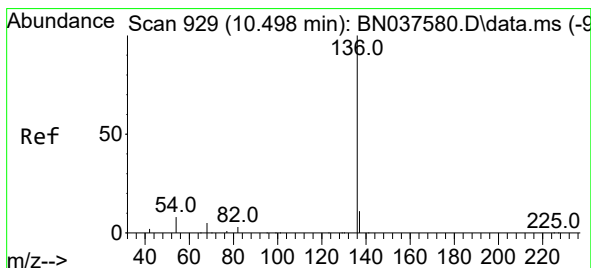
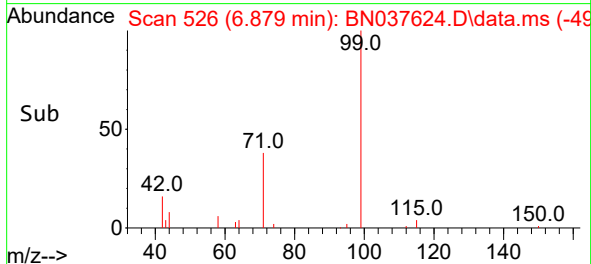
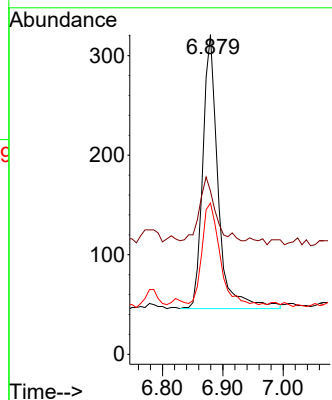
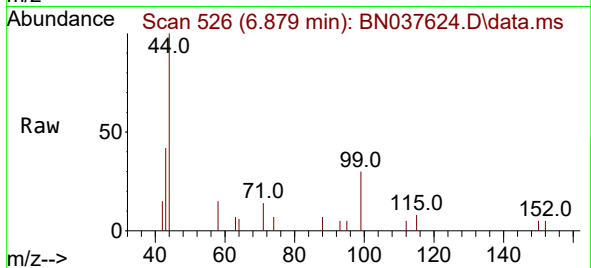




#5
Phenol-d6
Concen: 0.081 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037624.D
Acq: 20 Aug 2025 07:49

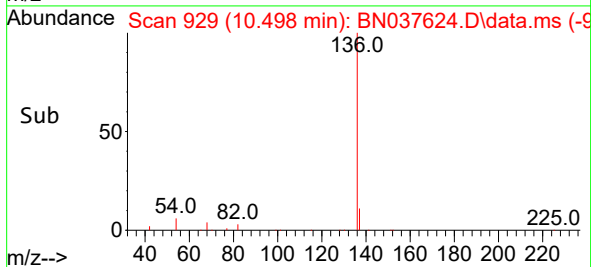
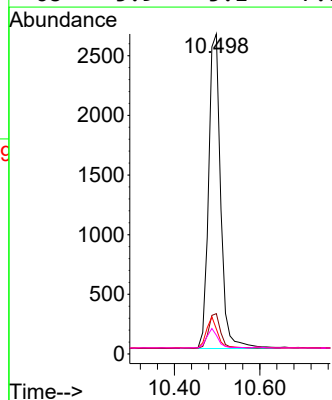
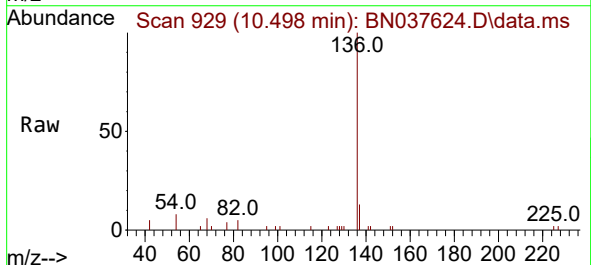
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250814

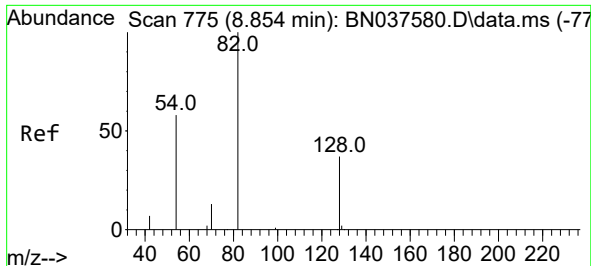
Tgt Ion: 99 Resp: 485
Ion Ratio Lower Upper
99 100
42 27.8 18.5 27.7#
71 46.6 28.6 42.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037624.D
Acq: 20 Aug 2025 07:49

Tgt Ion: 136 Resp: 5181
Ion Ratio Lower Upper
136 100
137 12.6 9.5 14.3
54 7.8 7.3 10.9
68 5.9 5.1 7.7

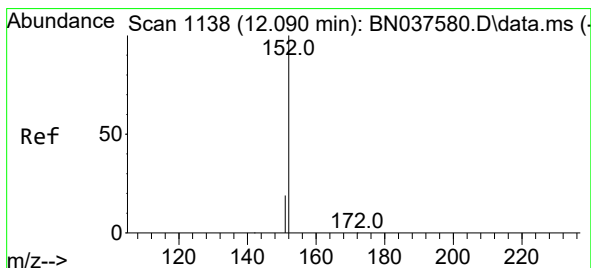
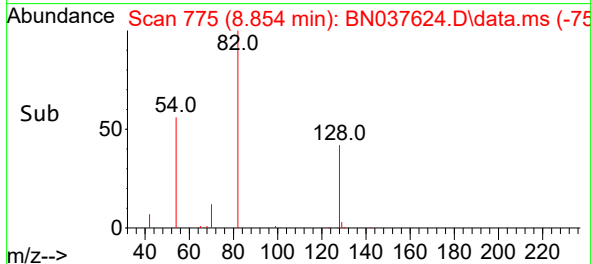
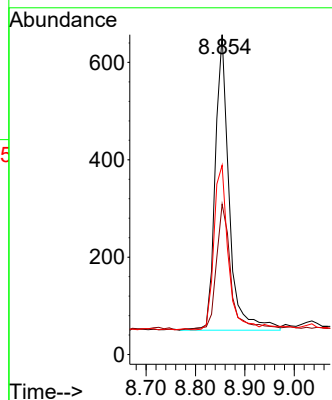
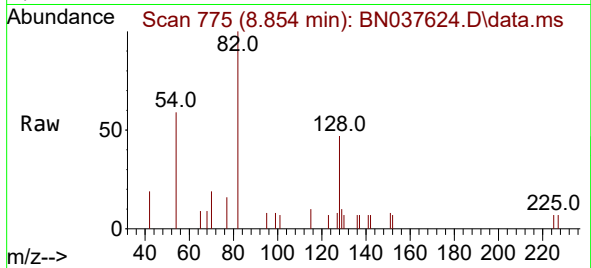




#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037624.D
Acq: 20 Aug 2025 07:49

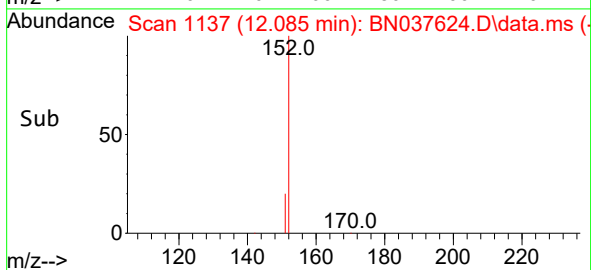
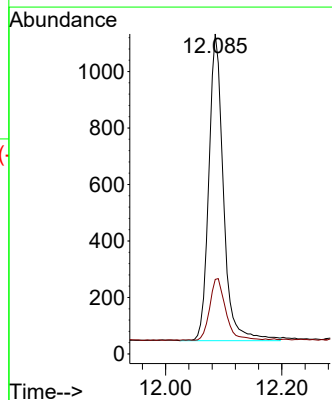
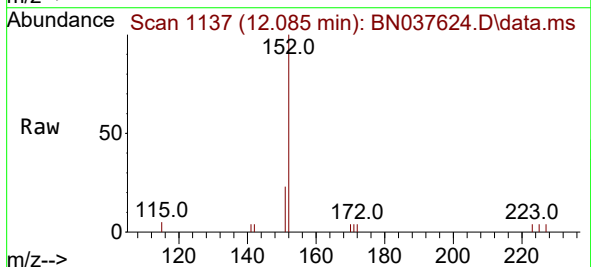
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250814

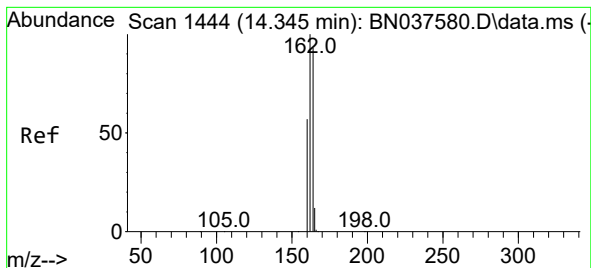
Tgt Ion: 82 Resp: 1190
Ion Ratio Lower Upper
82 100
128 47.0 32.6 48.8
54 59.2 48.9 73.3



#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.085 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037624.D
Acq: 20 Aug 2025 07:49

Tgt Ion: 152 Resp: 1900
Ion Ratio Lower Upper
152 100
151 21.7 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: BN037624.D

Acq: 20 Aug 2025 07:49

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20250814

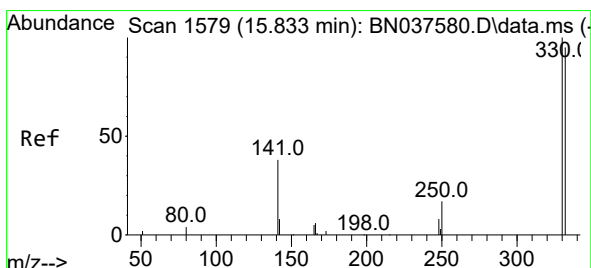
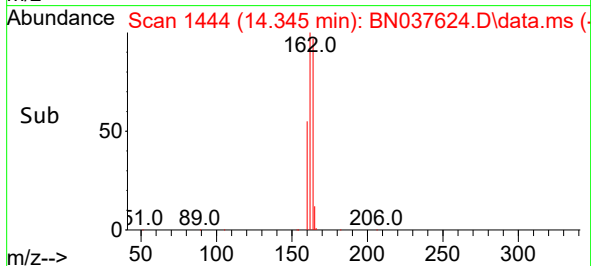
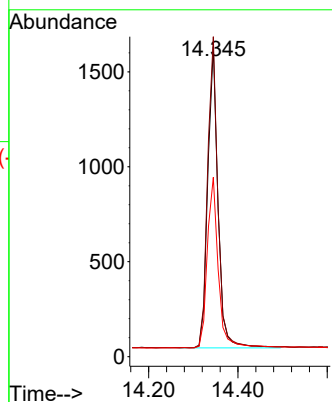
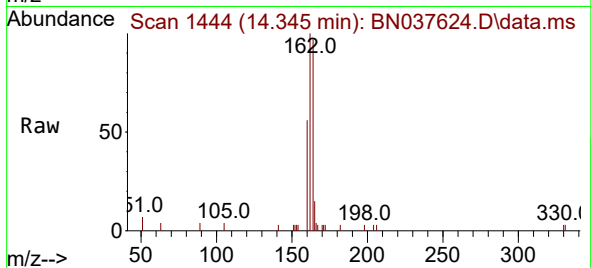
Tgt Ion:164 Resp: 2518

Ion Ratio Lower Upper

164 100

162 103.2 85.5 128.3

160 57.8 49.5 74.3



#14

2,4,6-Tribromophenol

Concen: 0.347 ng

RT: 15.833 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BN037624.D

Acq: 20 Aug 2025 07:49

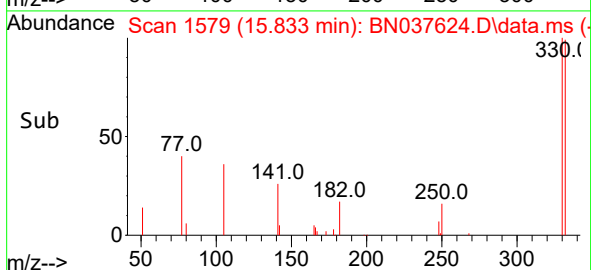
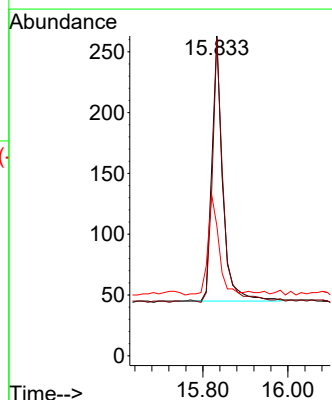
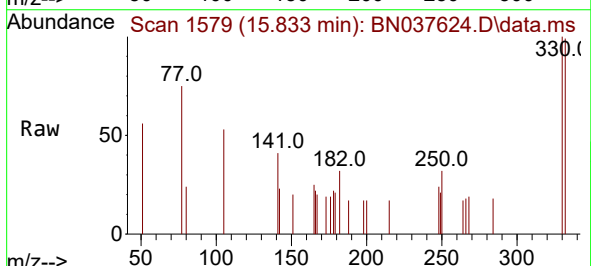
Tgt Ion:330 Resp: 382

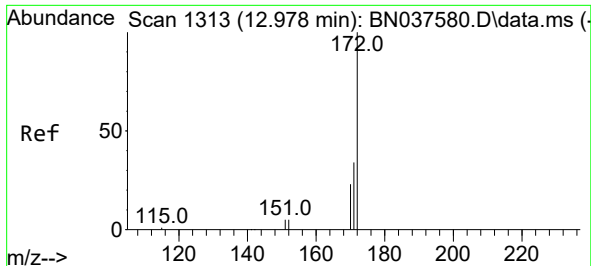
Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 39.0 30.9 46.3

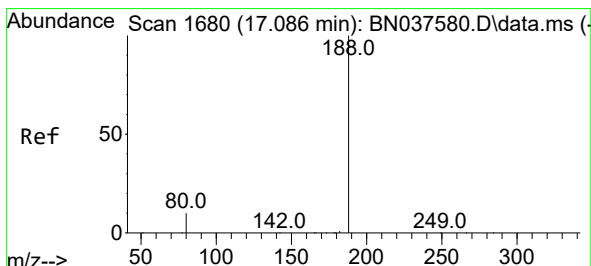
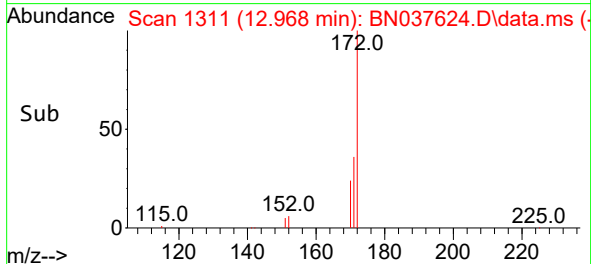
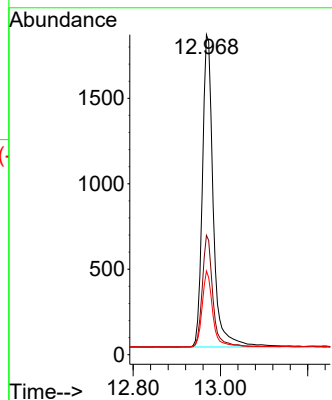
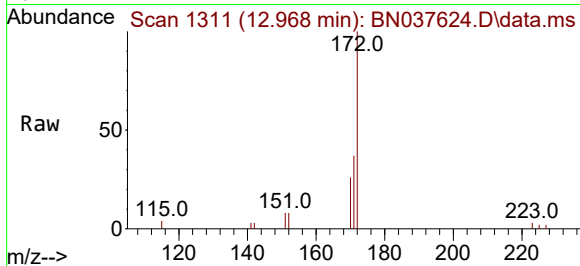




#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037624.D
Acq: 20 Aug 2025 07:49

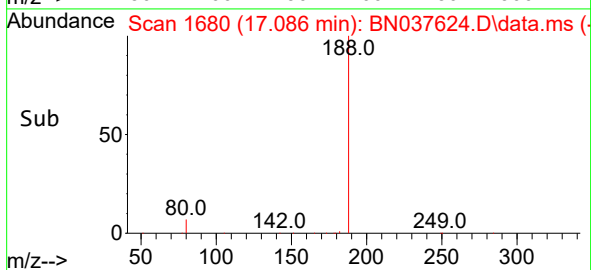
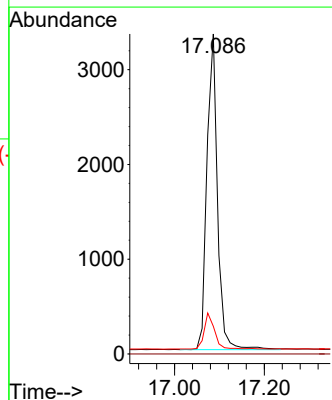
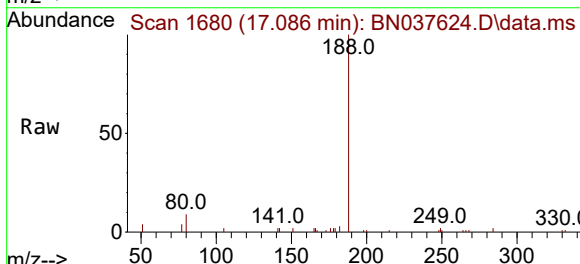
Instrument :
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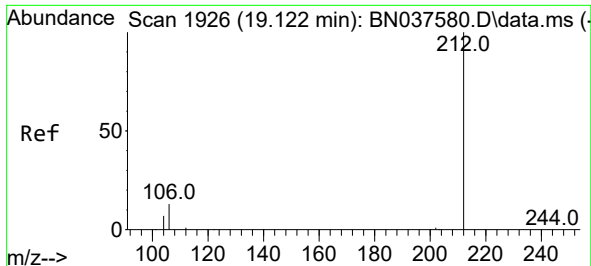
Tgt Ion:	172	Resp:	4349
Ion Ratio	Lower	Upper	
172	100		
171	37.3	28.2	42.4
170	26.2	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037624.D
Acq: 20 Aug 2025 07:49

Tgt Ion:	188	Resp:	5410
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.6	9.1	13.7#

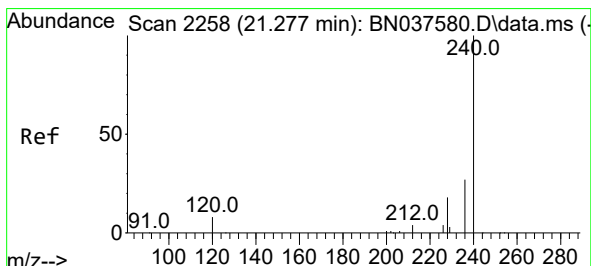
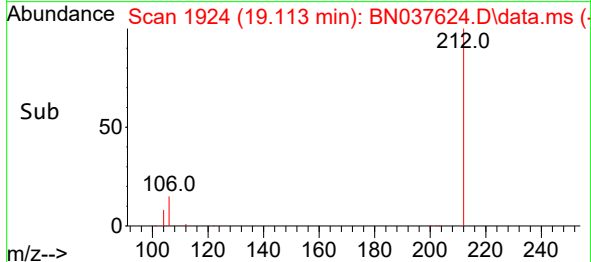
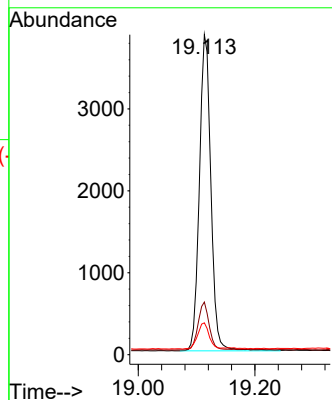
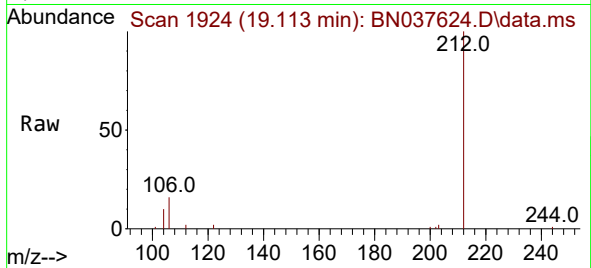




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.113 min Scan# 1910
Delta R.T. -0.009 min
Lab File: BN037624.D
Acq: 20 Aug 2025 07:49

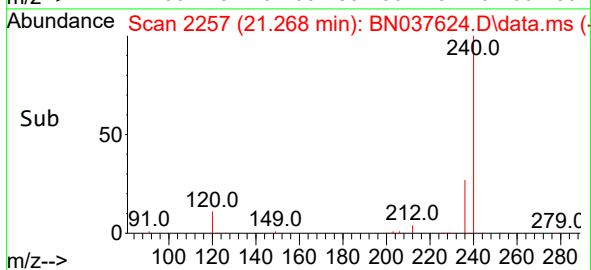
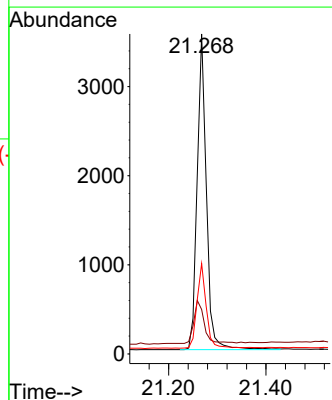
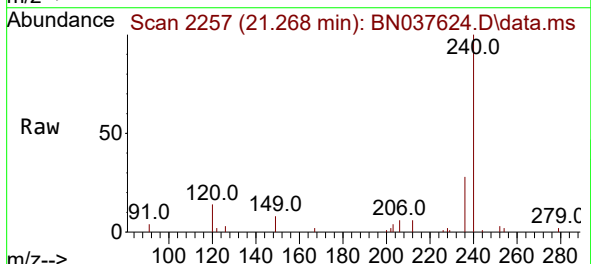
Instrument :
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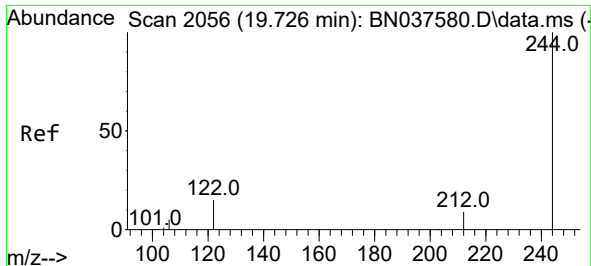
Tgt Ion:212 Resp: 5272
Ion Ratio Lower Upper
212 100
106 15.0 11.5 17.3
104 8.4 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037624.D
Acq: 20 Aug 2025 07:49

Tgt Ion:240 Resp: 4670
Ion Ratio Lower Upper
240 100
120 13.9 8.9 13.3#
236 28.2 22.6 33.8

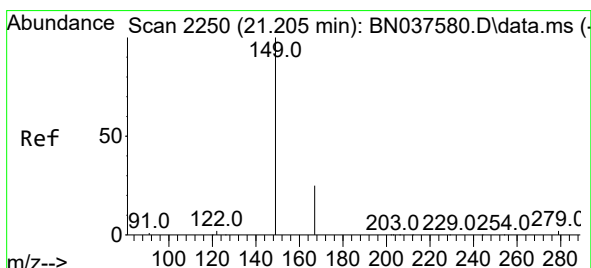
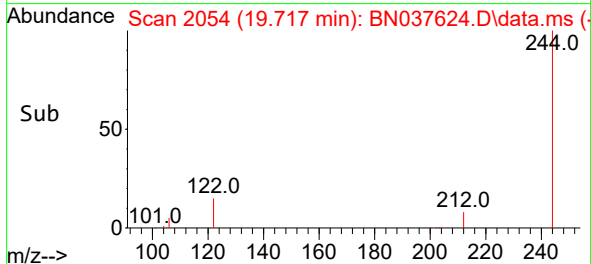
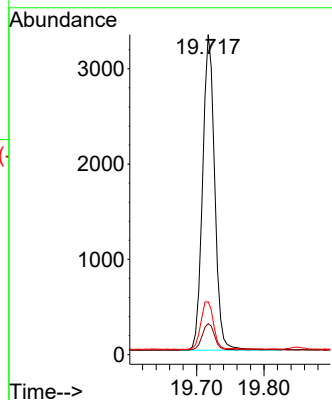
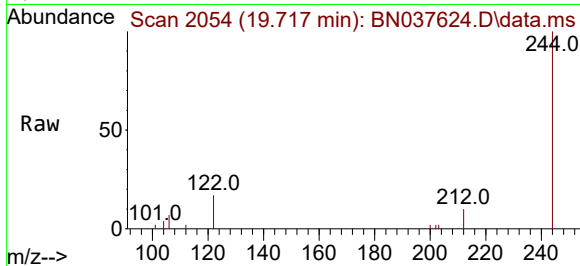




#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.717 min Scan# 2056
 Delta R.T. -0.009 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

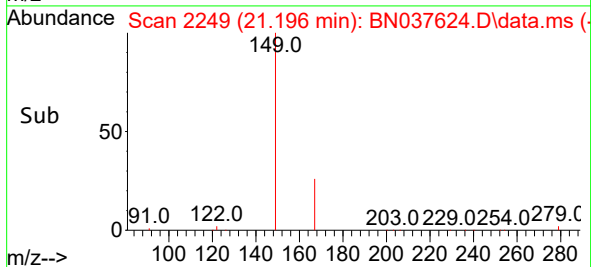
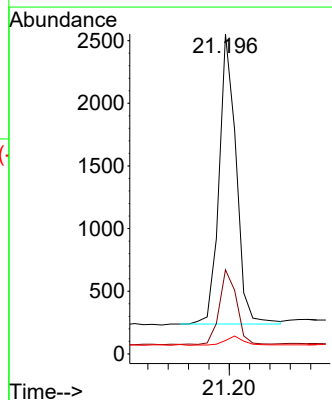
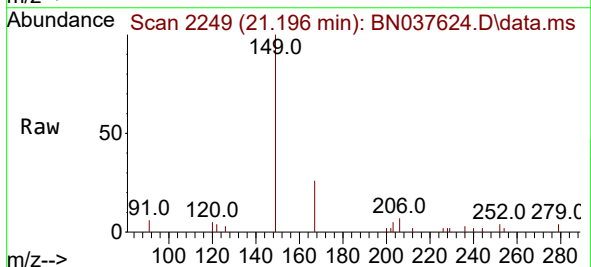
Instrument :
 BNA_N
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 RW8-SP303-20250814

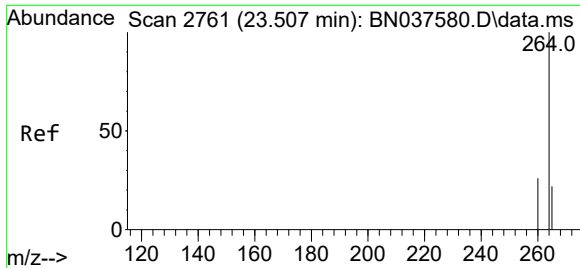
Tgt Ion:244 Resp: 4123
 Ion Ratio Lower Upper
 244 100
 212 9.7 8.2 12.2
 122 16.6 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.417 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.009 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

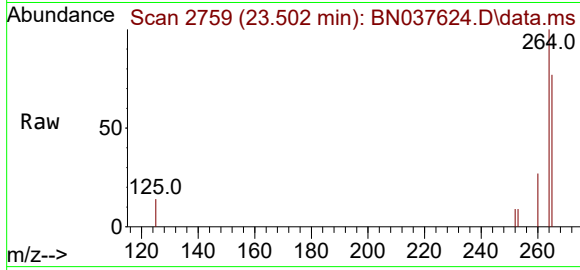
Tgt Ion:149 Resp: 2684
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.5 30.7
 279 3.7 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.502 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037624.D
 Acq: 20 Aug 2025 07:49

Instrument :
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 ClientSampleId :
 RW8-SP303-20250814



Tgt Ion:	264	Resp:	4150
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.6	32.4
265	77.3	48.2	72.4#

