

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037043.D
 Acq On : 19 May 2025 13:50
 Operator : RC/JU
 Sample : Q2064-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-70-20250514

Quant Time: May 19 14:25:37 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)

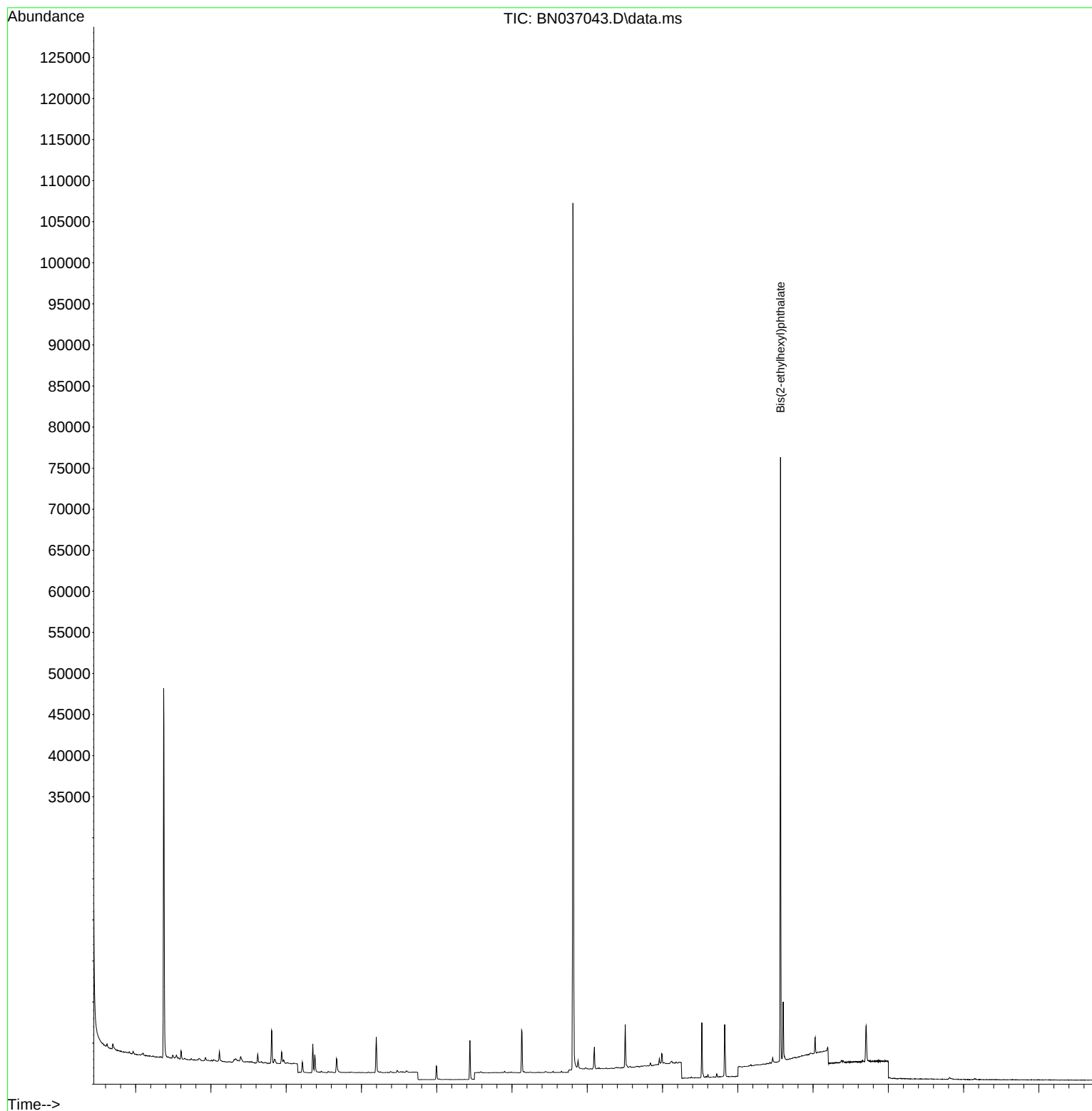
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1997	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5434	0.400	ng	#-0.01
13) Acenaphthene-d10	14.256	164	3163	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	6695	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	6428	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	6026	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	670	0.128	ng	0.00
5) Phenol-d6	6.795	99	481	0.073	ng	0.00
8) Nitrobenzene-d5	8.760	82	1836	0.310	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2391	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	470	0.338	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4482	0.309	ng	0.00
27) Fluoranthene-d10	19.045	212	7319	0.399	ng	0.00
31) Terphenyl-d14	19.653	244	5773	0.420	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.135	149	59218	3.975	ng	Qvalue 100

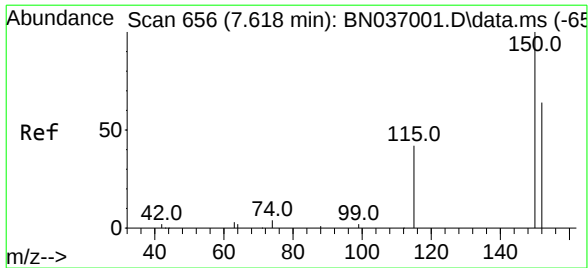
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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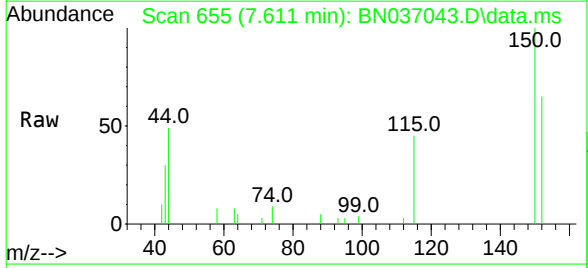
Quant Time: May 19 14:25:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



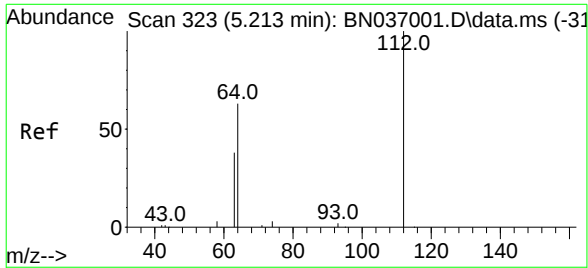
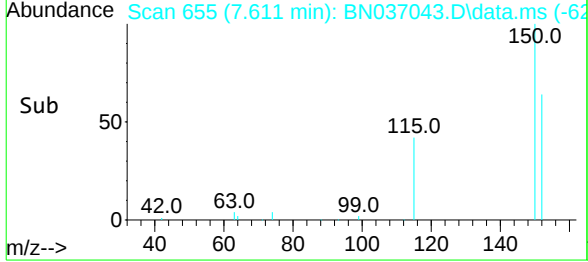
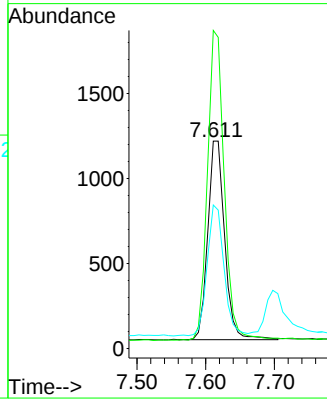


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN037043.D
 Acq: 19 May 2025 13:50

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-70-20250514

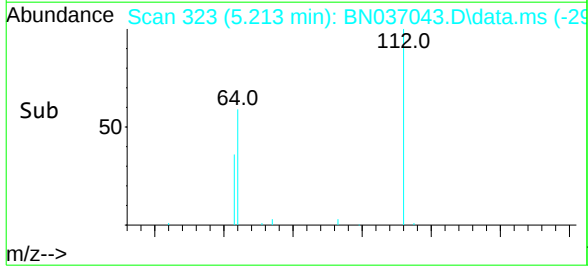
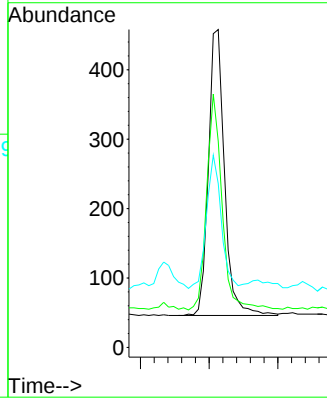
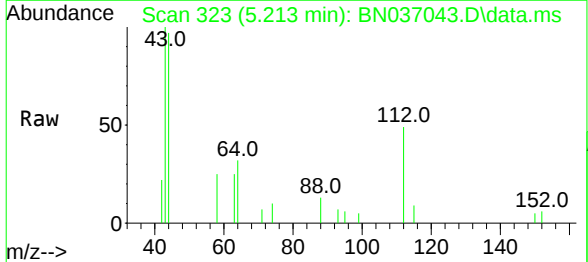


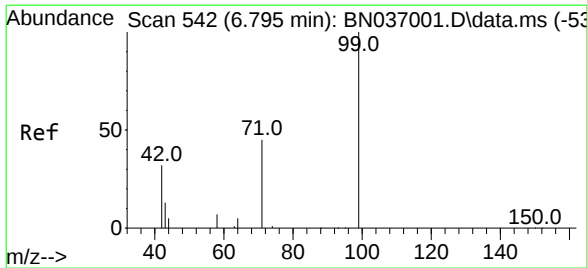
Tgt Ion:152 Resp: 1997
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.9 185.9
 115 69.2 55.8 83.8



#4
 2-Fluorophenol
 Concen: 0.128 ng
 RT: 5.213 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: BN037043.D
 Acq: 19 May 2025 13:50

Tgt Ion:112 Resp: 670
 Ion Ratio Lower Upper
 112 100
 64 72.2 55.7 83.5
 63 45.4 34.6 51.8





#5

Phenol-d6

Concen: 0.073 ng

RT: 6.795 min Scan# 541

Delta R.T. -0.000 min

Lab File: BN037043.D

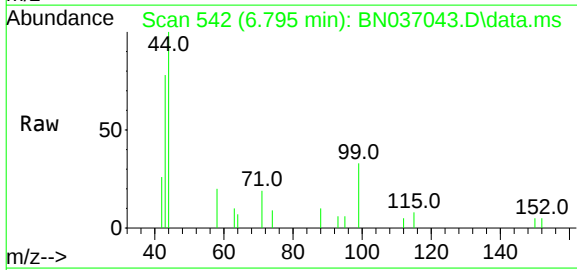
Acq: 19 May 2025 13:50

Instrument :

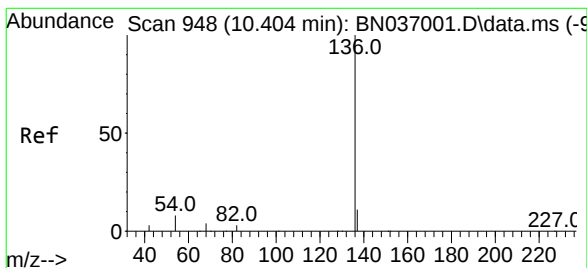
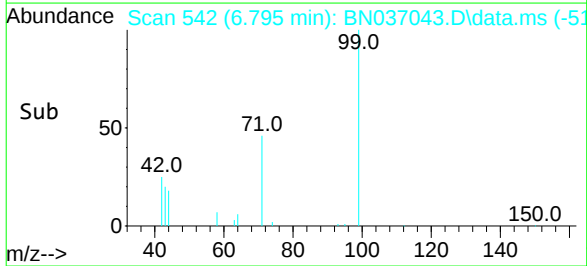
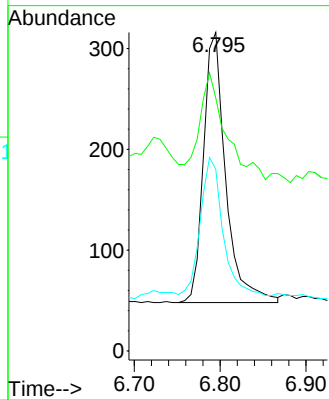
BNA_N

ClientSampleId :

RW8-SP303-70-20250514



Tgt Ion	Ratio	Lower	Upper
99	100		
42	45.9	29.3	43.9#
71	53.4	35.7	53.5



#7

Naphthalene-d8

Concen: 0.400 ng

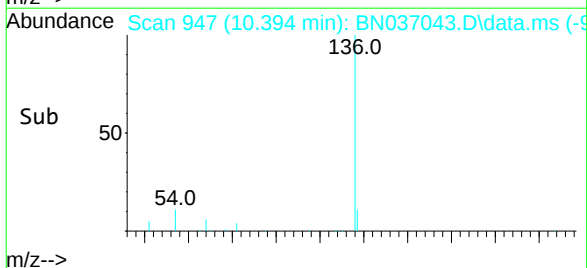
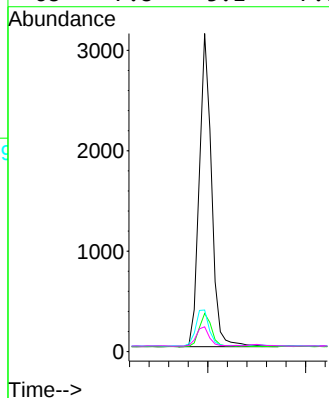
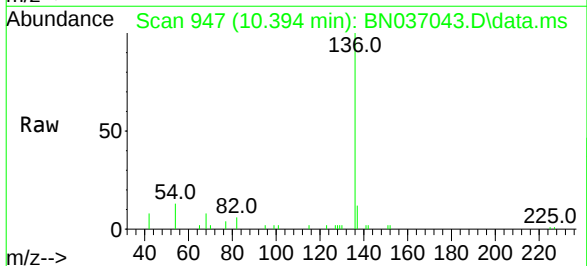
RT: 10.394 min Scan# 947

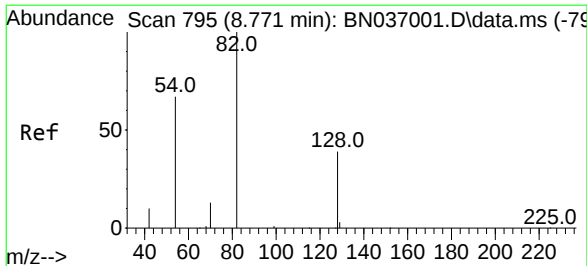
Delta R.T. -0.011 min

Lab File: BN037043.D

Acq: 19 May 2025 13:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.4	15.6
54	13.1	8.5	12.7#
68	7.8	5.1	7.7#

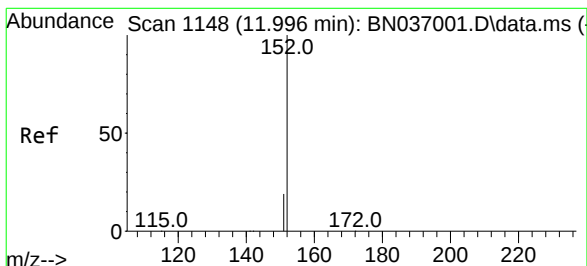
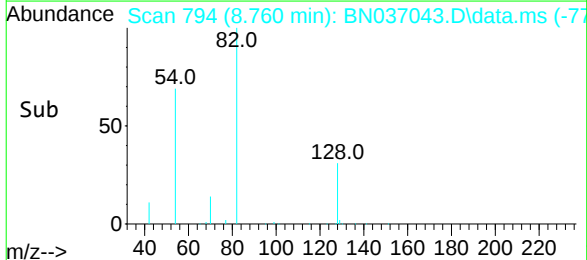
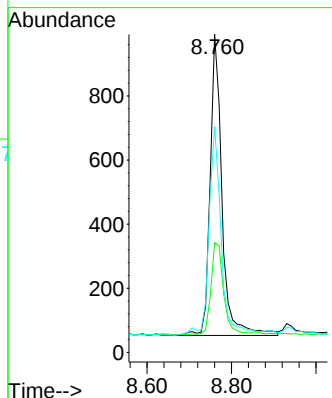
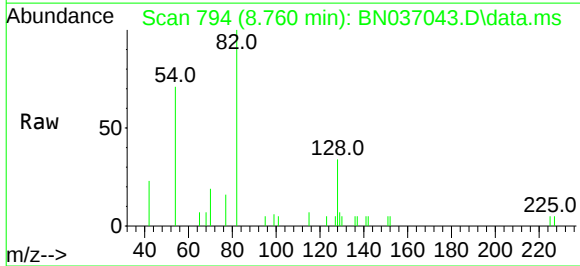




#8
 Nitrobenzene-d5
 Concen: 0.310 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037043.D
 Acq: 19 May 2025 13:50

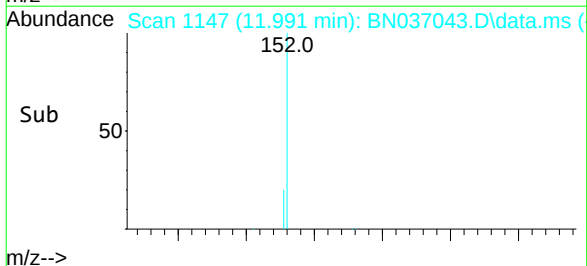
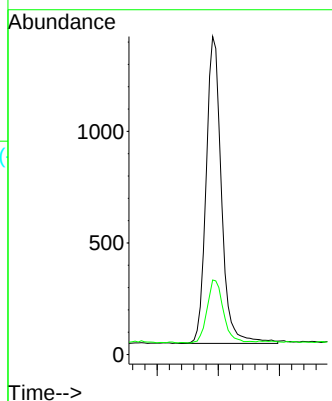
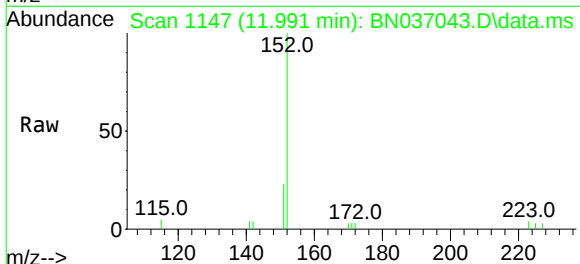
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-70-20250514

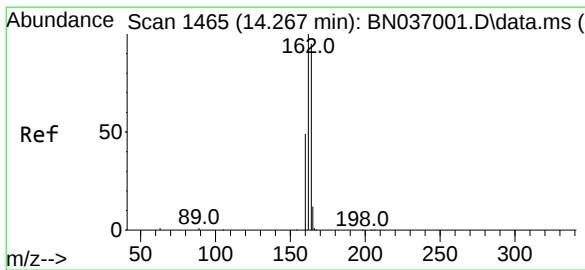
Tgt Ion:	82	Resp:	1836
Ion	Ratio	Lower	Upper
82	100		
128	34.5	34.0	51.0
54	71.0	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.313 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037043.D
 Acq: 19 May 2025 13:50

Tgt Ion:	152	Resp:	2391
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.5	26.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.256 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN037043.D

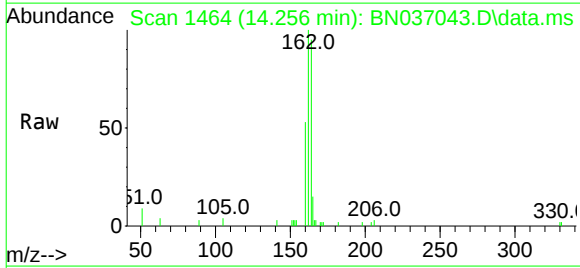
Acq: 19 May 2025 13:50

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-70-20250514



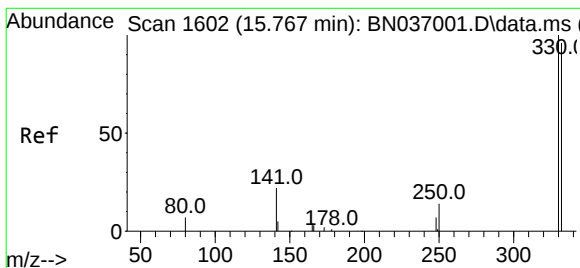
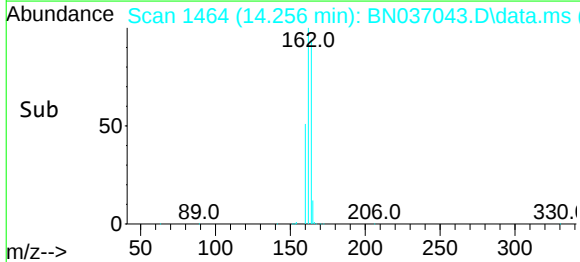
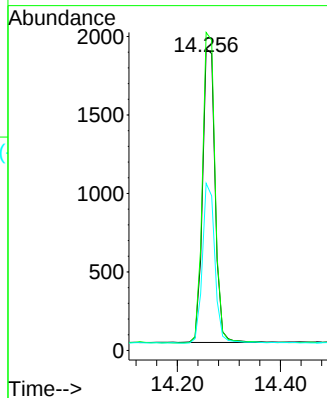
Tgt Ion:164 Resp: 3163

Ion Ratio Lower Upper

164 100

162 105.4 84.2 126.4

160 55.4 42.6 63.8



#14

2,4,6-Tribromophenol

Concen: 0.338 ng

RT: 15.755 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BN037043.D

Acq: 19 May 2025 13:50

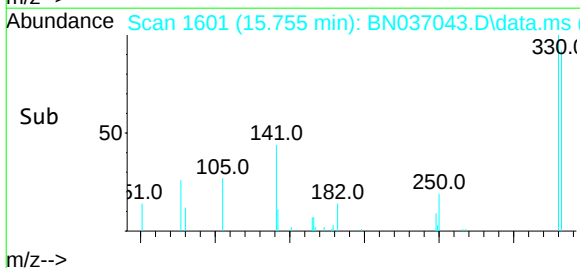
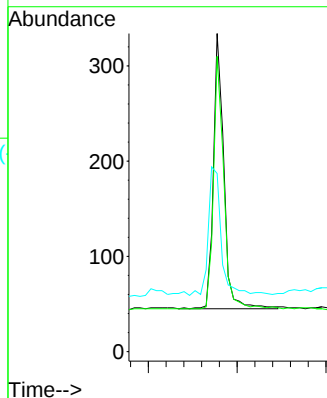
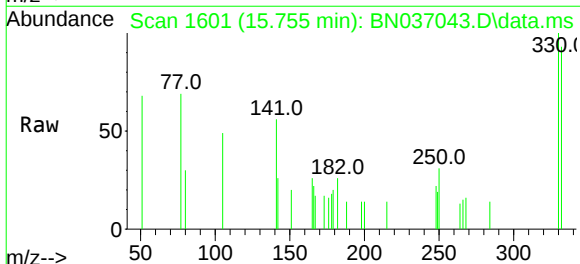
Tgt Ion:330 Resp: 470

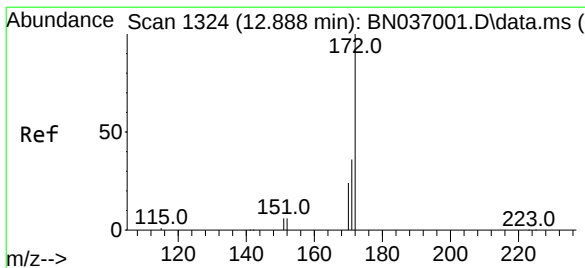
Ion Ratio Lower Upper

330 100

332 90.2 73.8 110.8

141 58.3 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.309 ng

RT: 12.883 min Scan# 13

Delta R.T. -0.005 min

Lab File: BN037043.D

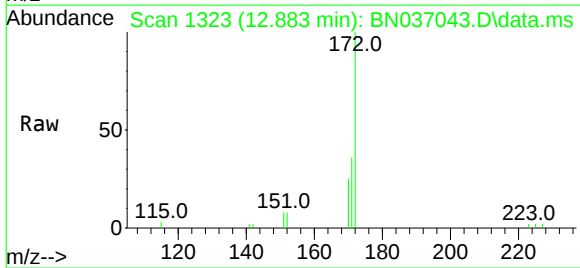
Acq: 19 May 2025 13:50

Instrument :

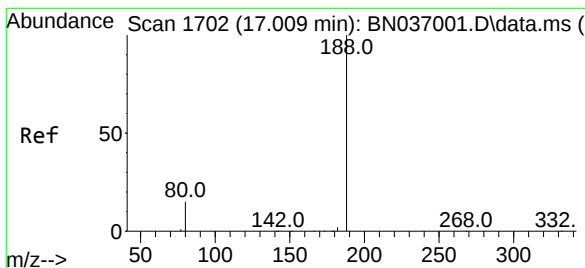
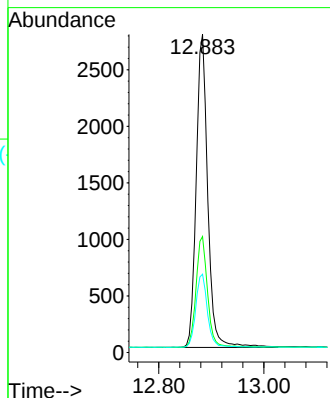
BNA_N

ClientSampleId :

RW8-SP303-70-20250514



Tgt Ion:	172	Resp:	4482
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.2	43.8
170	24.6	20.5	30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

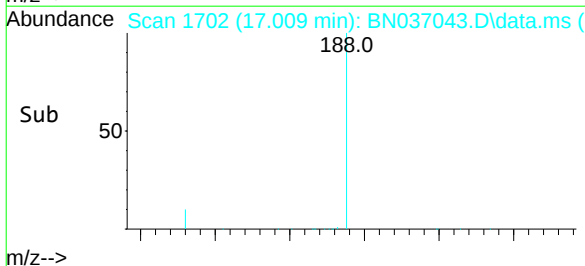
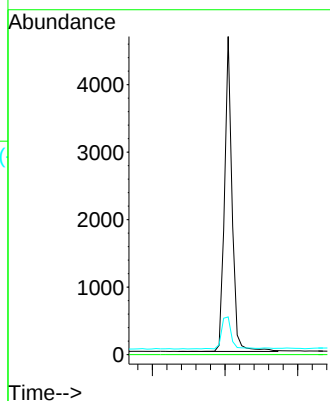
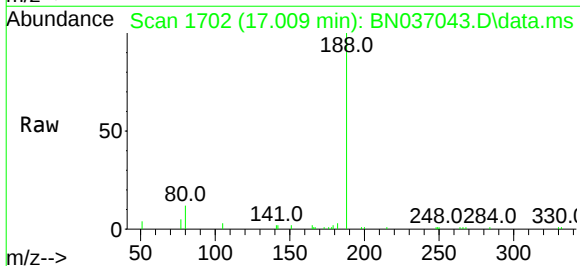
RT: 17.009 min Scan# 1702

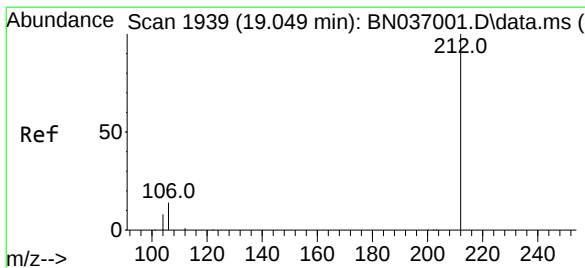
Delta R.T. 0.000 min

Lab File: BN037043.D

Acq: 19 May 2025 13:50

Tgt Ion:	188	Resp:	6695
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.9	13.4	20.0





#27

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.045 min Scan# 19

Delta R.T. -0.005 min

Lab File: BN037043.D

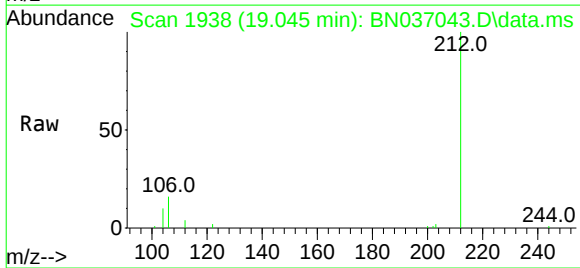
Acq: 19 May 2025 13:50

Instrument :

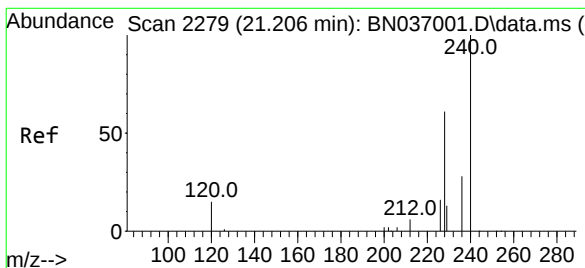
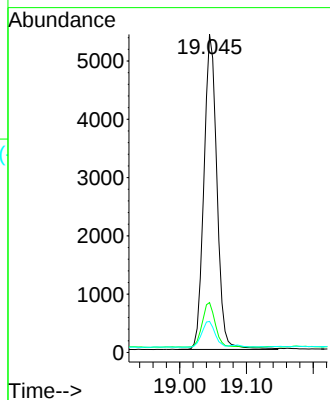
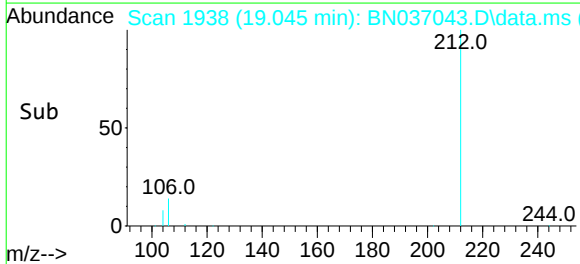
BNA_N

ClientSampleId :

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Tgt Ion:	212	Resp:	7319
Ion	Ratio	Lower	Upper
212	100		
106	14.2	11.3	16.9
104	8.5	6.7	10.1



#29

Chrysene-d12

Concen: 0.400 ng

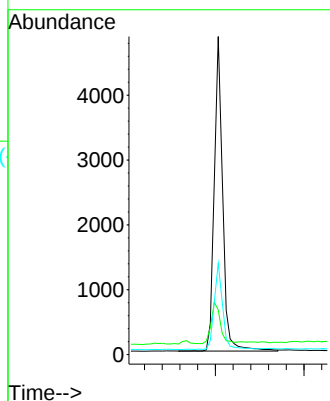
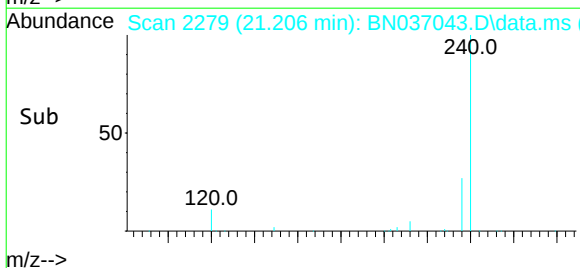
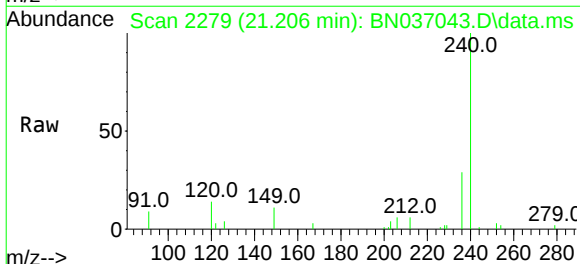
RT: 21.206 min Scan# 2279

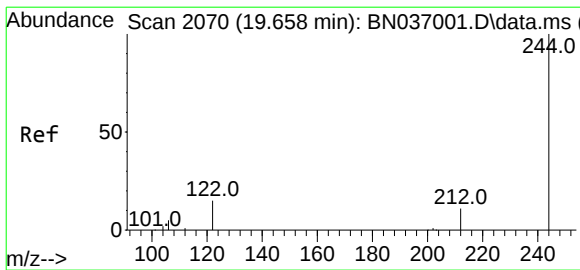
Delta R.T. 0.000 min

Lab File: BN037043.D

Acq: 19 May 2025 13:50

Tgt Ion:	240	Resp:	6428
Ion	Ratio	Lower	Upper
240	100		
120	14.0	15.1	22.7#
236	28.7	24.0	36.0





#31

Terphenyl-d14

Concen: 0.420 ng

RT: 19.653 min Scan# 2070

Delta R.T. -0.005 min

Lab File: BN037043.D

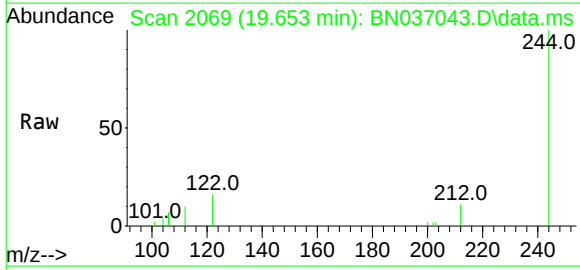
Acq: 19 May 2025 13:50

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-70-20250514



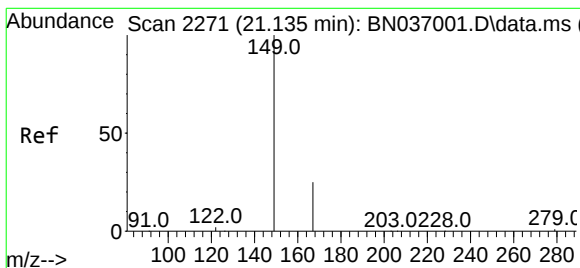
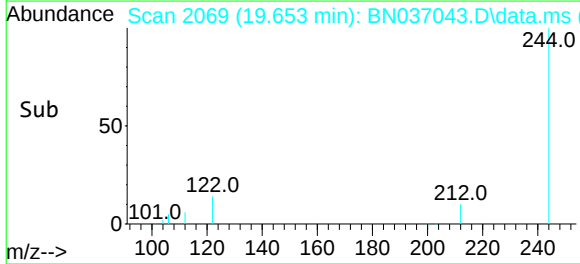
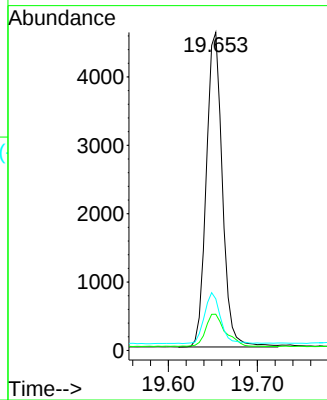
Tgt Ion:244 Resp: 5773

Ion Ratio Lower Upper

244 100

212 11.4 9.7 14.5

122 16.2 13.4 20.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 3.975 ng

RT: 21.135 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BN037043.D

Acq: 19 May 2025 13:50

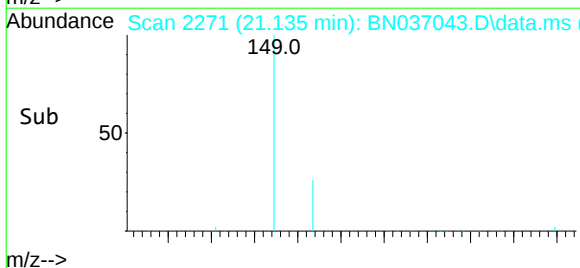
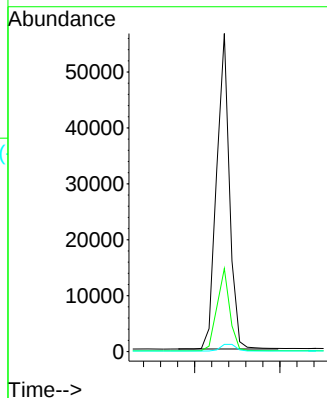
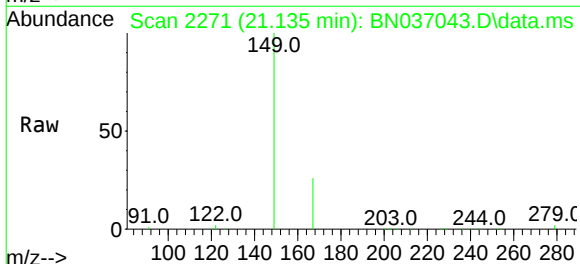
Tgt Ion:149 Resp: 59218

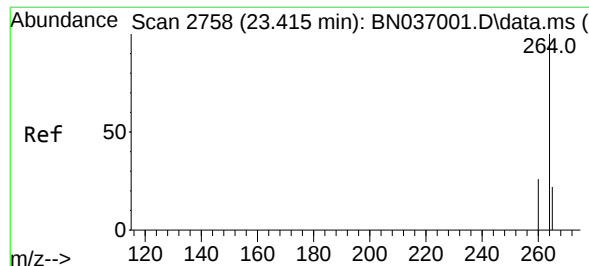
Ion Ratio Lower Upper

149 100

167 25.7 20.6 30.8

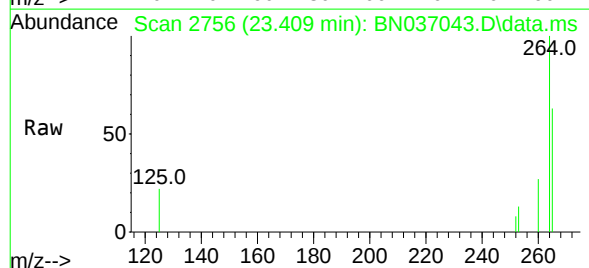
279 2.6 2.6 3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.409 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN037043.D
Acq: 19 May 2025 13:50

Instrument :
BNA_N
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Tgt Ion:	264	Resp:	6026
Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.9	32.9
265	62.7	51.6	77.4

