

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036499.D
 Acq On : 24 Feb 2025 15:01
 Operator : RC/JU
 Sample : Q1402-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250219

Quant Time: Feb 24 15:43:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

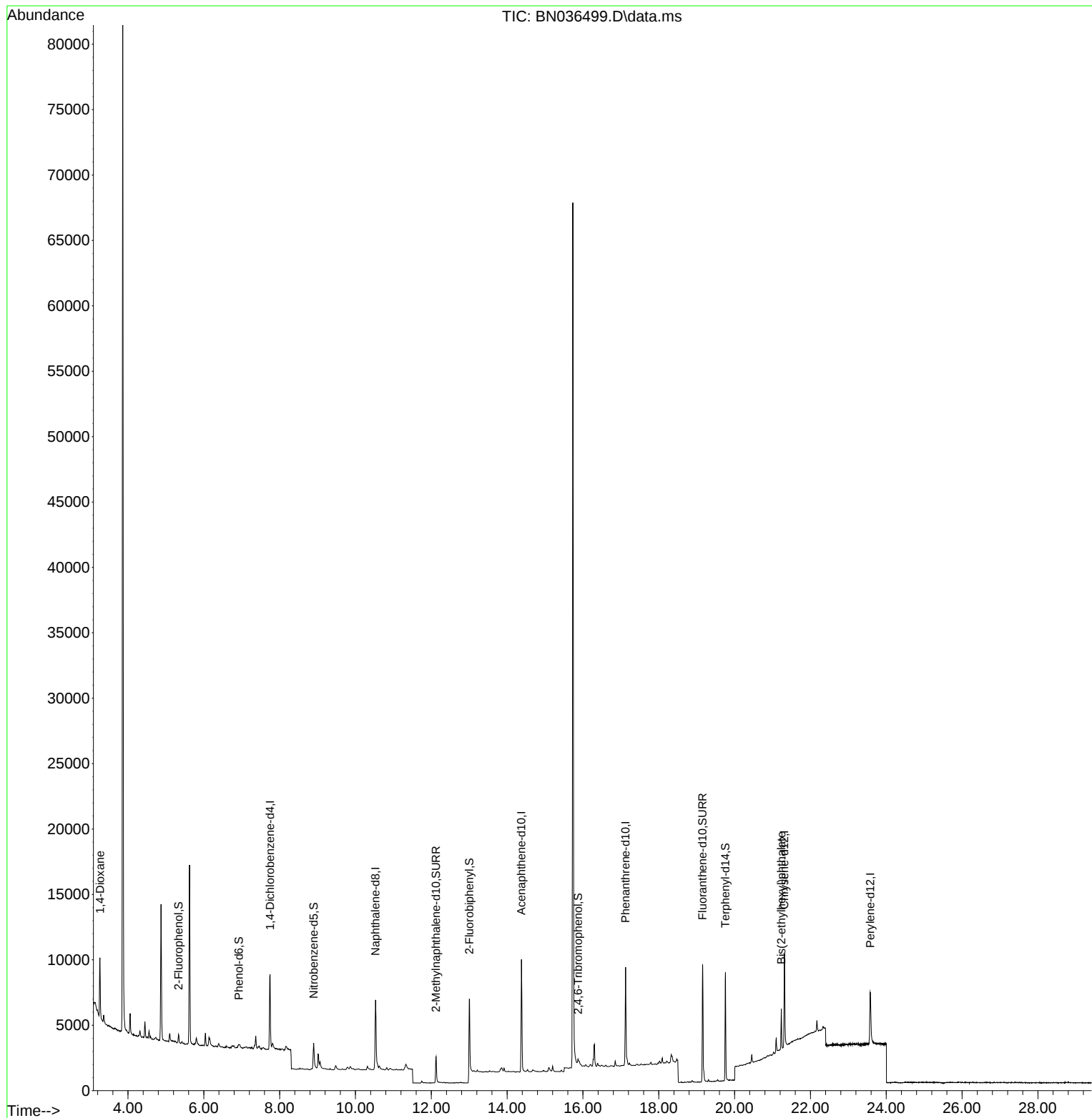
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	3020	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	7795	0.400	ng	-0.01
13) Acenaphthene-d10	14.377	164	4919	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	10171	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	7275	0.400	ng	0.00
35) Perylene-d12	23.578	264	5988	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	489	0.069	ng	-0.01
5) Phenol-d6	6.923	99	204	0.024	ng	-0.01
8) Nitrobenzene-d5	8.897	82	2159	0.281	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	3227	0.269	ng	-0.02
14) 2,4,6-Tribromophenol	15.870	330	255	0.105	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	7673	0.415	ng	-0.02
27) Fluoranthene-d10	19.155	212	10528	0.372	ng	-0.01
31) Terphenyl-d14	19.759	244	8181	0.527	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.261	88	2541	0.769	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.232	149	2816	0.189	ng	96

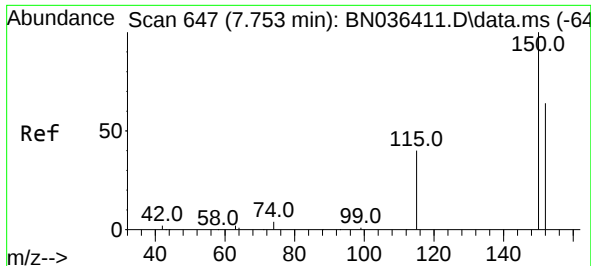
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
Data File : BN036499.D
Acq On : 24 Feb 2025 15:01
Operator : RC/JU
Sample : Q1402-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250219

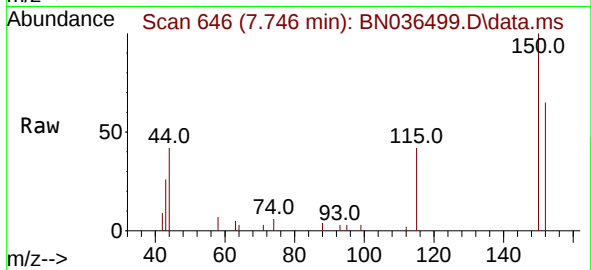
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration



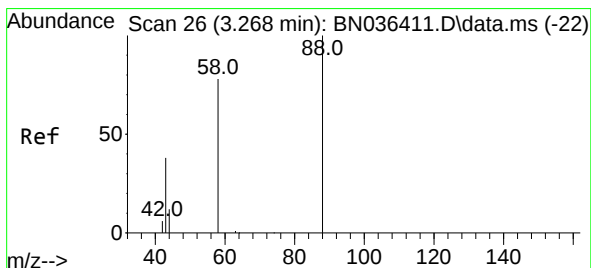
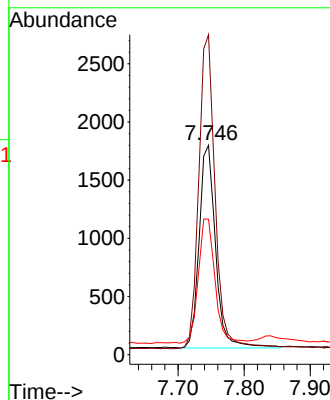
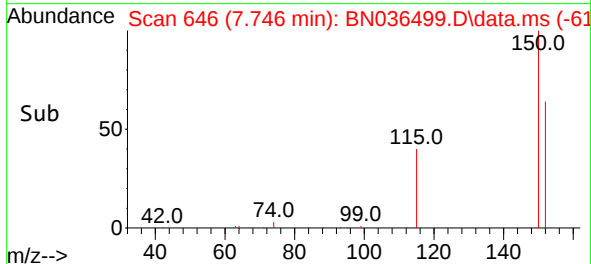


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.746 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036499.D
 Acq: 24 Feb 2025 15:01

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250219

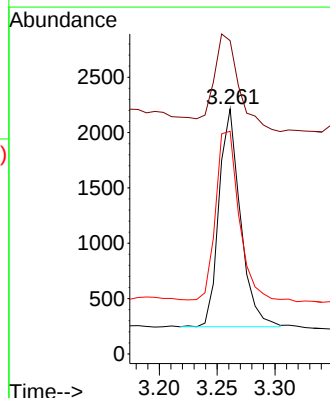
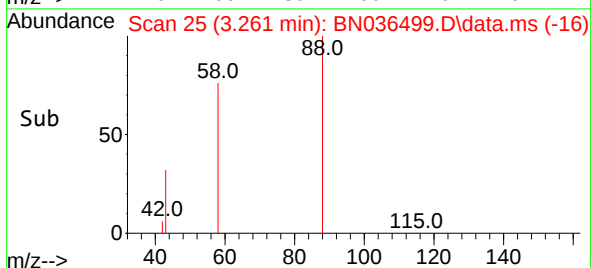
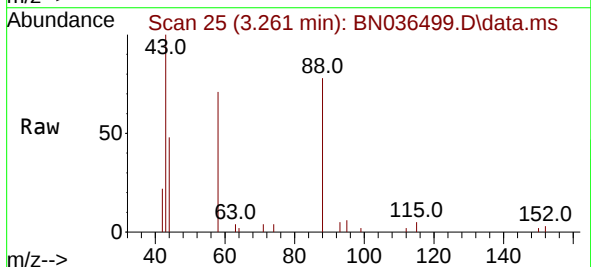


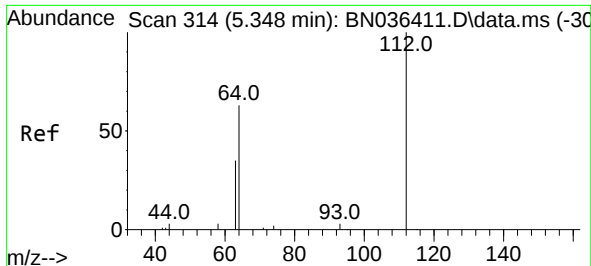
Tgt Ion:152 Resp: 3020
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.7 185.5
 115 64.7 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.769 ng
 RT: 3.261 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN036499.D
 Acq: 24 Feb 2025 15:01

Tgt Ion: 88 Resp: 2541
 Ion Ratio Lower Upper
 88 100
 43 52.8 33.7 50.5#
 58 84.0 68.9 103.3

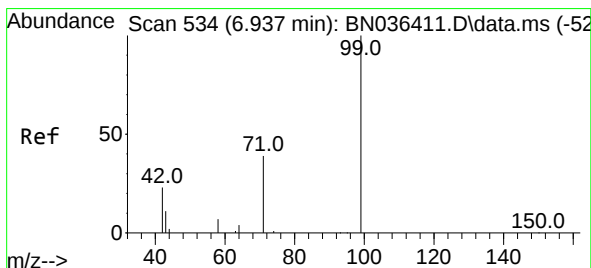
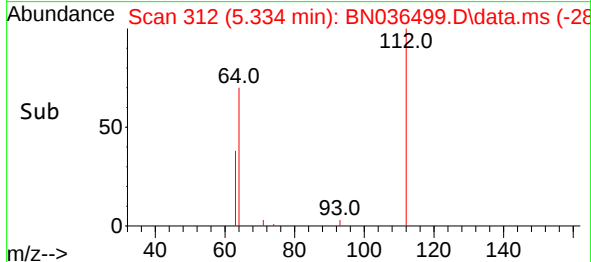
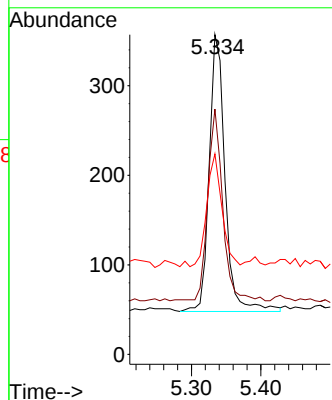
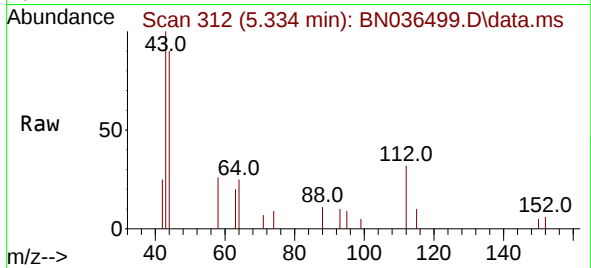




#4
2-Fluorophenol
Concen: 0.069 ng
RT: 5.334 min Scan# 314
Delta R.T. -0.014 min
Lab File: BN036499.D
Acq: 24 Feb 2025 15:01

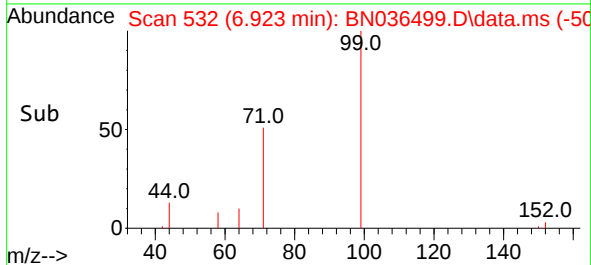
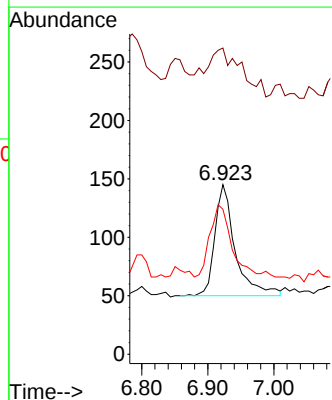
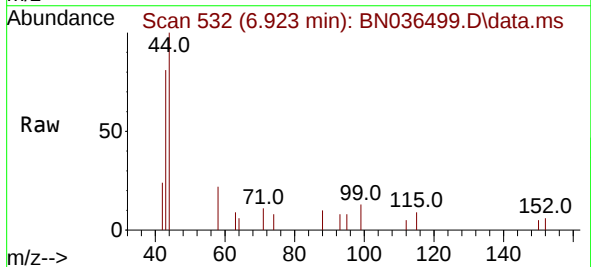
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250219

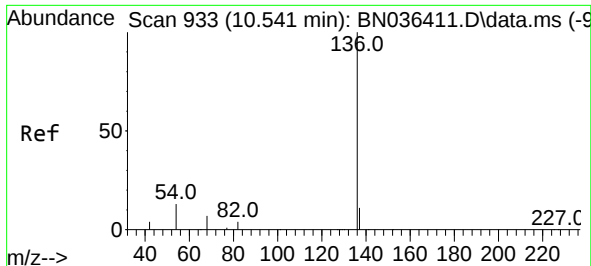
Tgt Ion:112 Resp: 489
Ion Ratio Lower Upper
112 100
64 65.0 53.4 80.0
63 39.5 30.3 45.5



#5
Phenol-d6
Concen: 0.024 ng
RT: 6.923 min Scan# 532
Delta R.T. -0.014 min
Lab File: BN036499.D
Acq: 24 Feb 2025 15:01

Tgt Ion: 99 Resp: 204
Ion Ratio Lower Upper
99 100
42 65.7 21.7 32.5#
71 69.6 32.6 49.0#

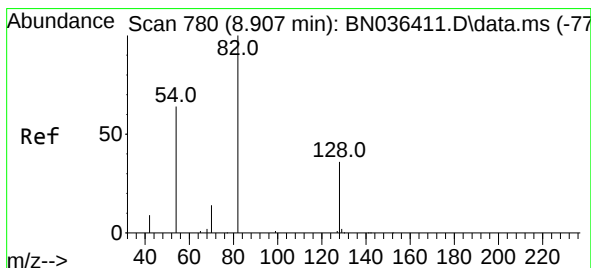
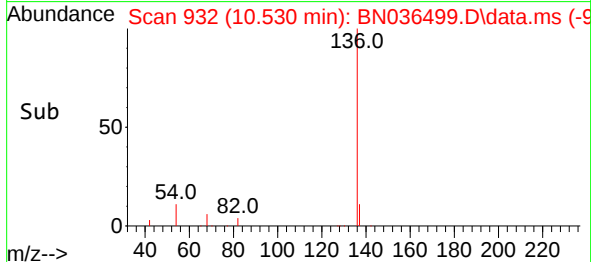
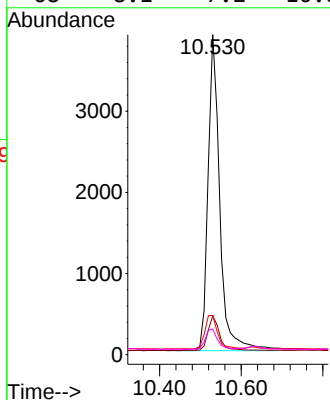
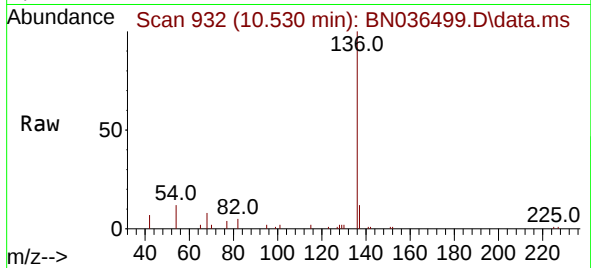




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036499.D
Acq: 24 Feb 2025 15:01

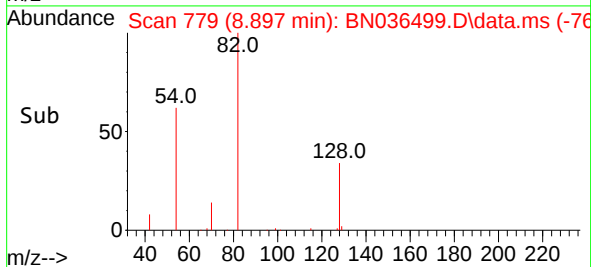
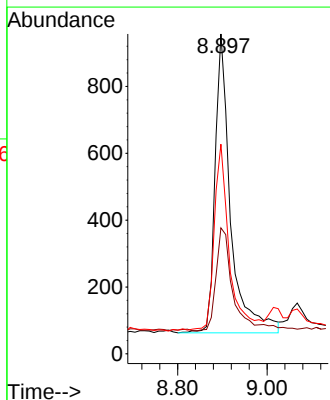
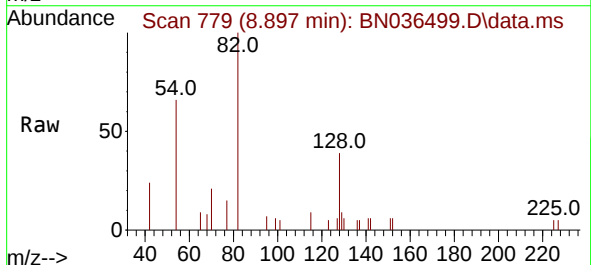
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250219

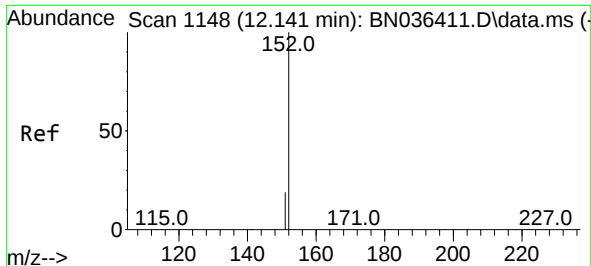
Tgt Ion:	136	Resp:	7795
Ion Ratio	Lower	Upper	
136	100		
137	12.2	10.1	15.1
54	12.3	11.8	17.6
68	8.1	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036499.D
Acq: 24 Feb 2025 15:01

Tgt Ion:	82	Resp:	2159
Ion Ratio	Lower	Upper	
82	100		
128	39.4	31.9	47.9
54	65.5	53.1	79.7

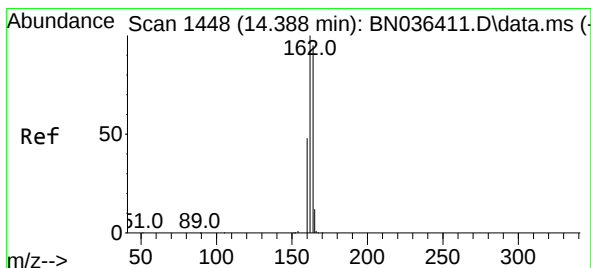
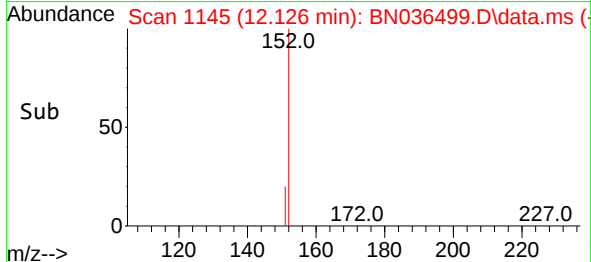
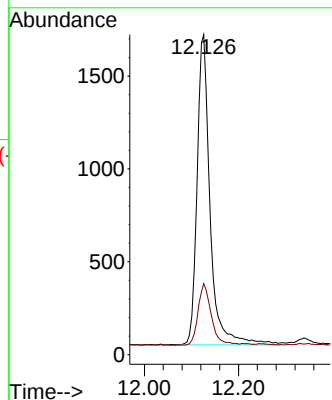
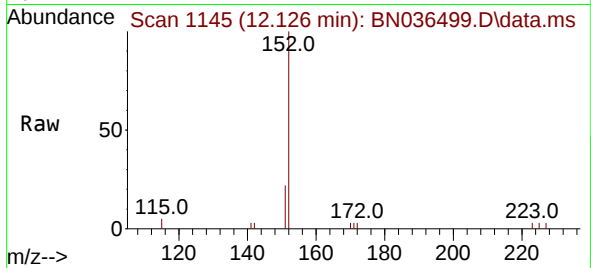




#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.015 min
Lab File: BN036499.D
Acq: 24 Feb 2025 15:01

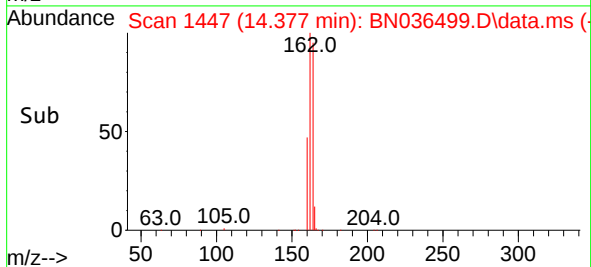
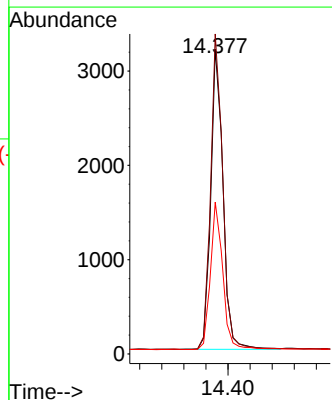
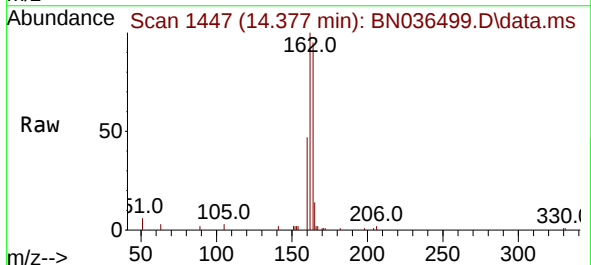
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250219

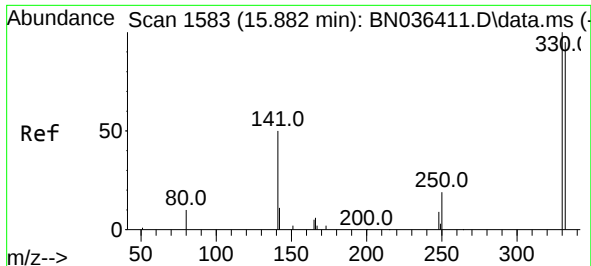
Tgt Ion:152 Resp: 3227
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.011 min
Lab File: BN036499.D
Acq: 24 Feb 2025 15:01

Tgt Ion:164 Resp: 4919
Ion Ratio Lower Upper
164 100
162 105.0 84.1 126.1
160 49.8 41.4 62.0

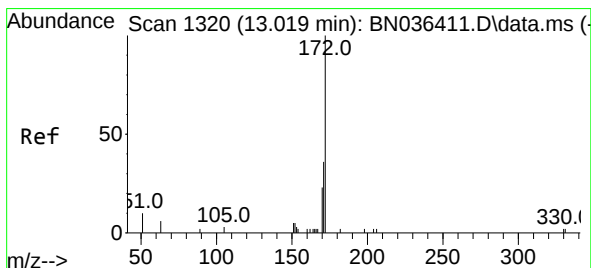
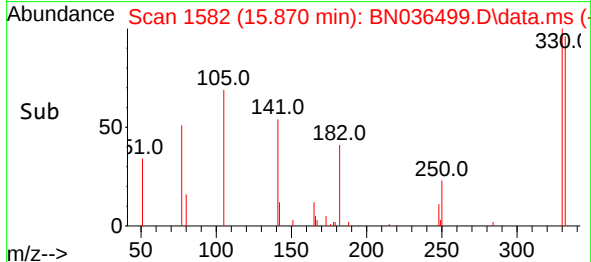
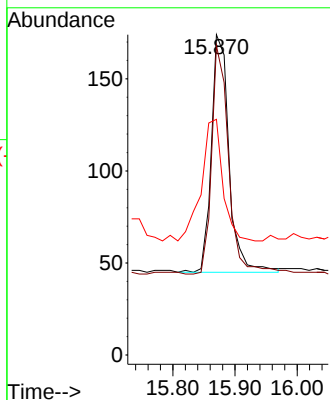
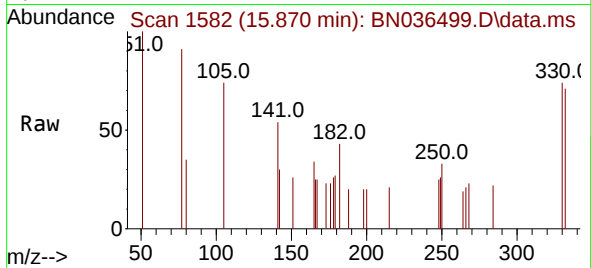




#14
2,4,6-Tribromophenol
Concen: 0.105 ng
RT: 15.870 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036499.D
Acq: 24 Feb 2025 15:01

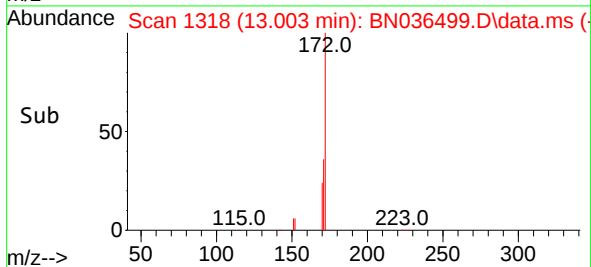
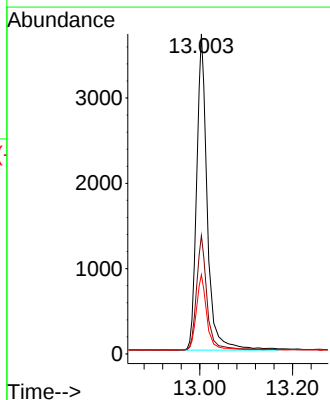
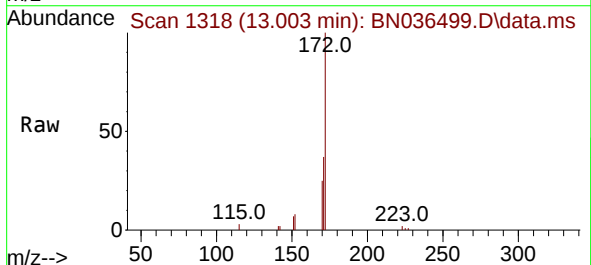
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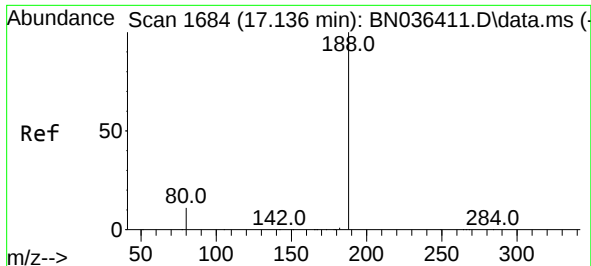
Tgt Ion:330 Resp: 255
Ion Ratio Lower Upper
330 100
332 93.3 76.6 114.8
141 62.4 37.8 56.8#



#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.016 min
Lab File: BN036499.D
Acq: 24 Feb 2025 15:01

Tgt Ion:172 Resp: 7673
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.8 19.8 29.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.124 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN036499.D

Acq: 24 Feb 2025 15:01

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20250219

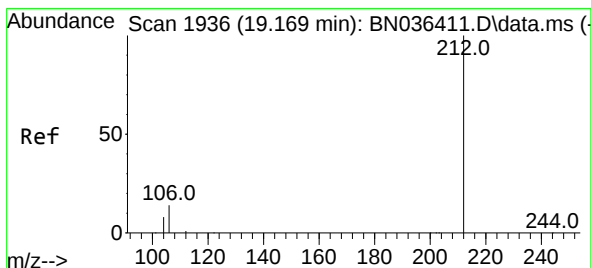
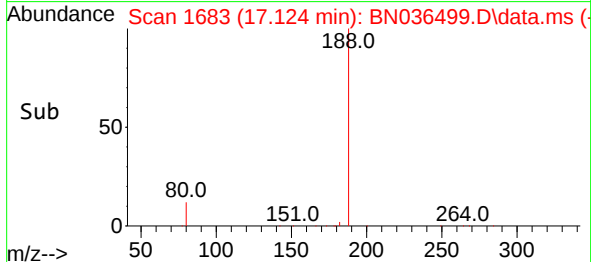
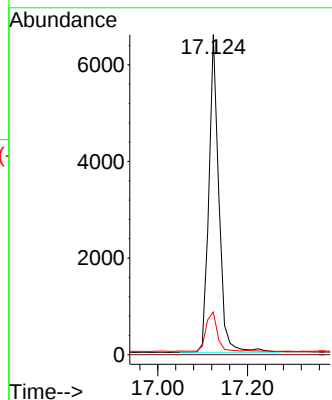
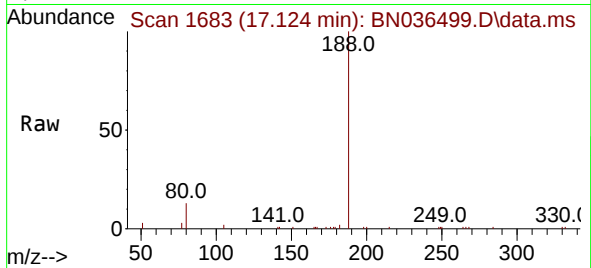
Tgt Ion:188 Resp: 10171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 9.8 14.6



#27

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.155 min Scan# 1933

Delta R.T. -0.014 min

Lab File: BN036499.D

Acq: 24 Feb 2025 15:01

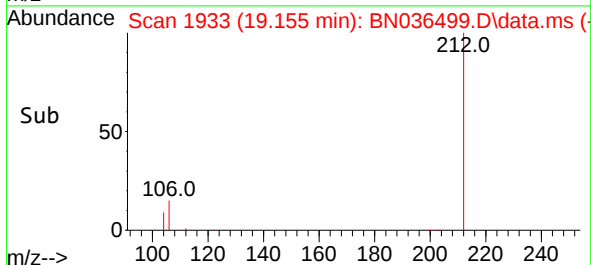
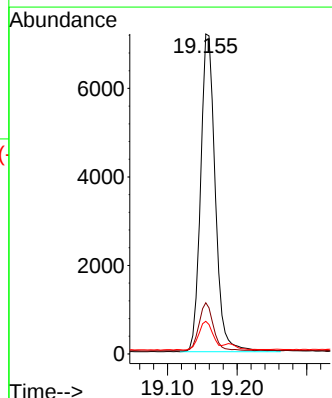
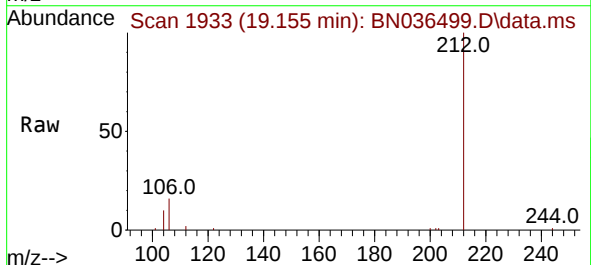
Tgt Ion:212 Resp: 10528

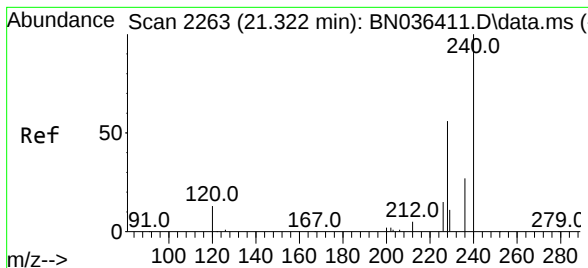
Ion Ratio Lower Upper

212 100

106 14.9 11.5 17.3

104 8.8 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.313 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN036499.D

Acq: 24 Feb 2025 15:01

Instrument :

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ClientSampleId :

RW5-SP303-20250219

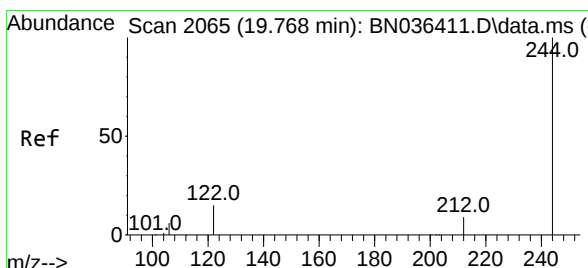
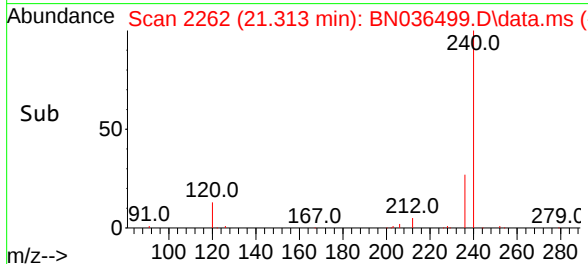
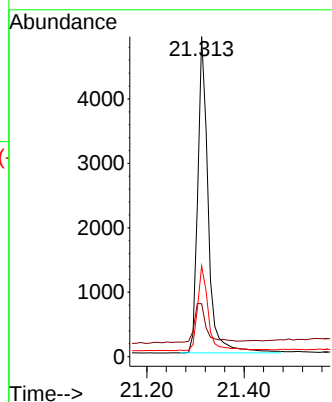
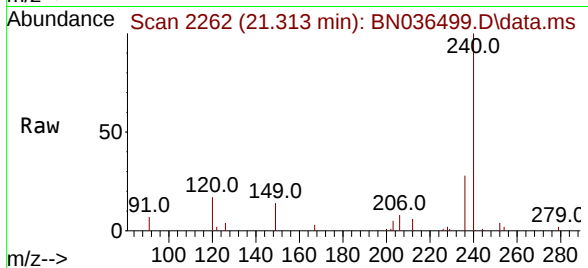
Tgt Ion:240 Resp: 7275

Ion Ratio Lower Upper

240 100

120 16.6 13.3 19.9

236 28.4 23.0 34.6



#31

Terphenyl-d14

Concen: 0.527 ng

RT: 19.759 min Scan# 2063

Delta R.T. -0.009 min

Lab File: BN036499.D

Acq: 24 Feb 2025 15:01

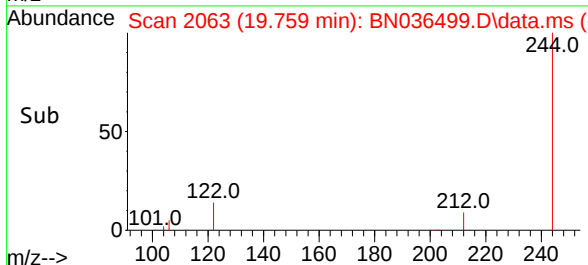
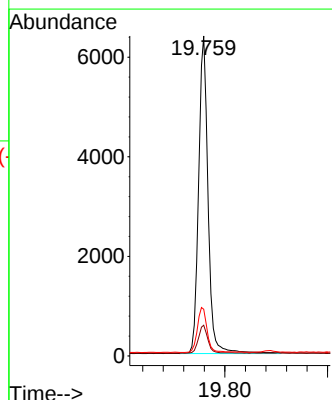
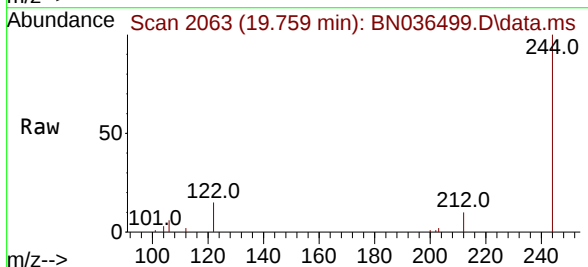
Tgt Ion:244 Resp: 8181

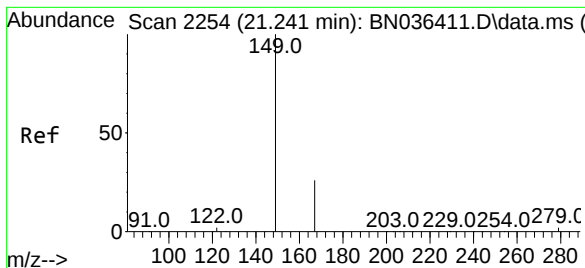
Ion Ratio Lower Upper

244 100

212 9.6 8.1 12.1

122 14.6 12.8 19.2

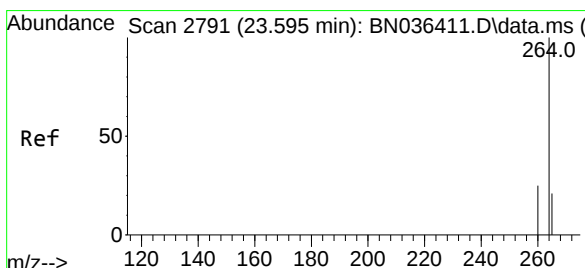
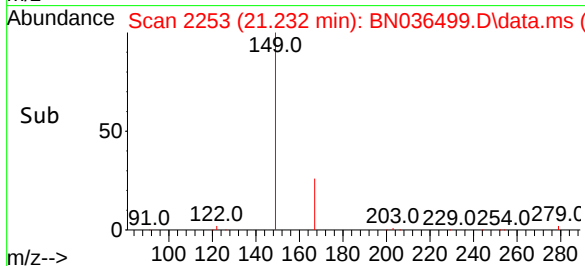
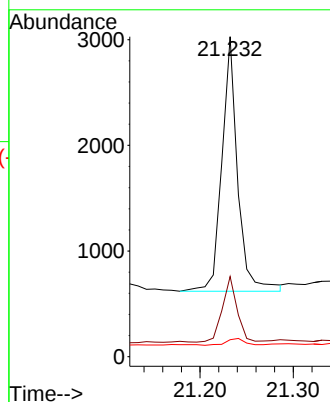
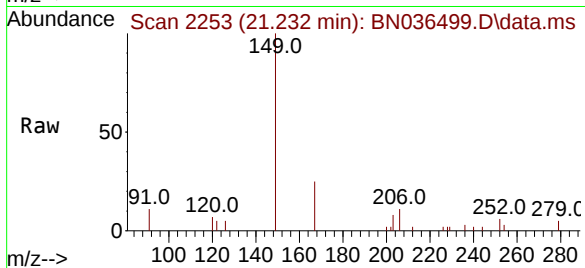




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.189 ng
RT: 21.232 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036499.D
Acq: 24 Feb 2025 15:01

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250219

Tgt Ion:149 Resp: 2816
Ion Ratio Lower Upper
149 100
167 24.3 21.2 31.8
279 3.3 2.7 4.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.578 min Scan# 2785
Delta R.T. -0.018 min
Lab File: BN036499.D
Acq: 24 Feb 2025 15:01

Tgt Ion:264 Resp: 5988
Ion Ratio Lower Upper
264 100
260 25.9 20.9 31.3
265 93.8 60.7 91.1#

