

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036498.D
 Acq On : 24 Feb 2025 14:25
 Operator : RC/JU
 Sample : Q1402-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250219

Quant Time: Feb 24 14:49:12 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)

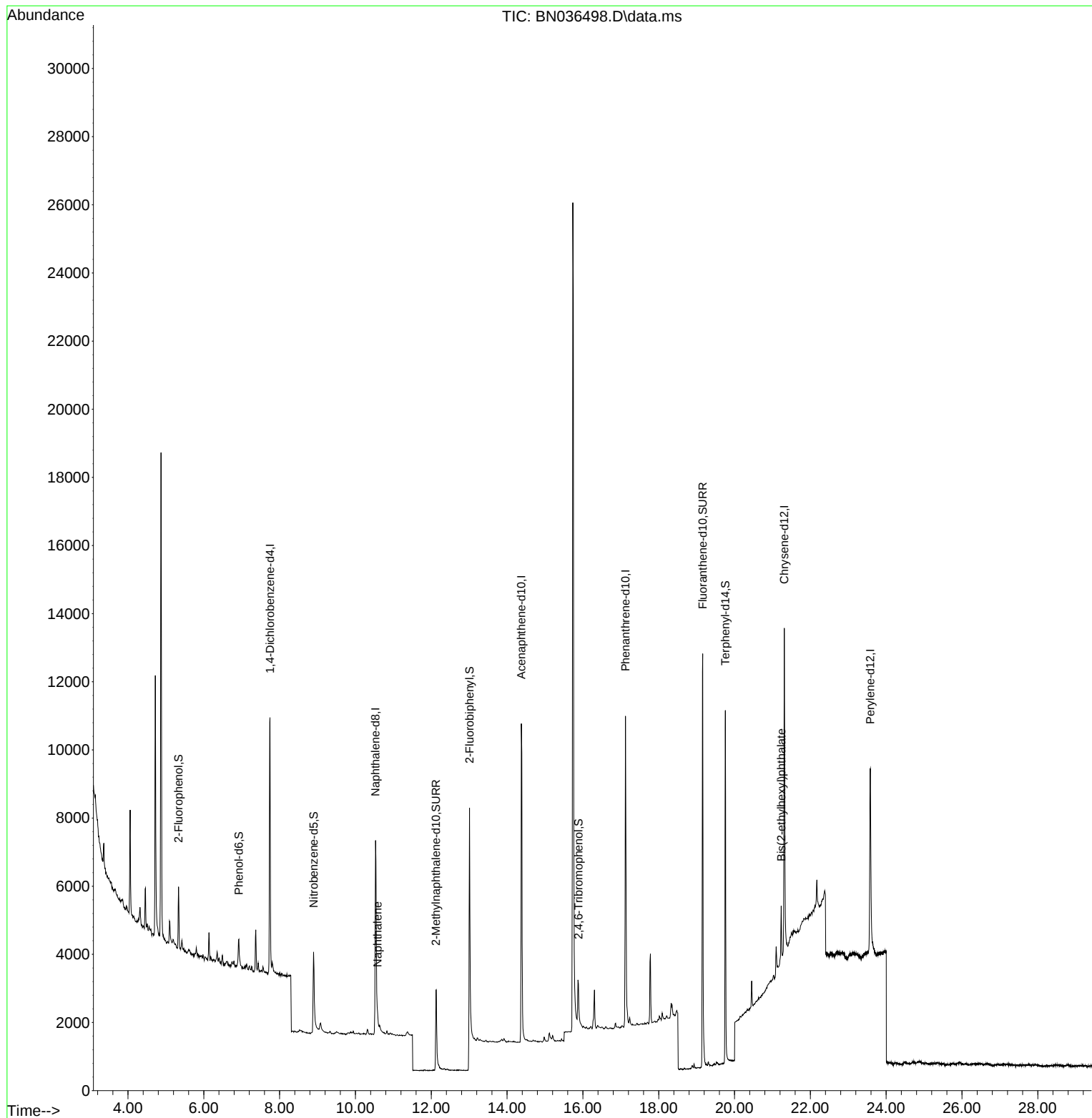
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	3860	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	9568	0.400	ng	-0.01
13) Acenaphthene-d10	14.377	164	6281	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	13071	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	10203	0.400	ng	0.00
35) Perylene-d12	23.581	264	8419	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	1227	0.134	ng	-0.01
5) Phenol-d6	6.923	99	825	0.077	ng	-0.01
8) Nitrobenzene-d5	8.897	82	2730	0.289	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	4500	0.306	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	890	0.286	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	8248	0.349	ng	-0.01
27) Fluoranthene-d10	19.160	212	13825	0.380	ng	0.00
31) Terphenyl-d14	19.759	244	10703	0.491	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.584	128	568	0.021	ng	# 57
34) Bis(2-ethylhexyl)phtha...	21.232	149	1734	0.083	ng	# 98

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

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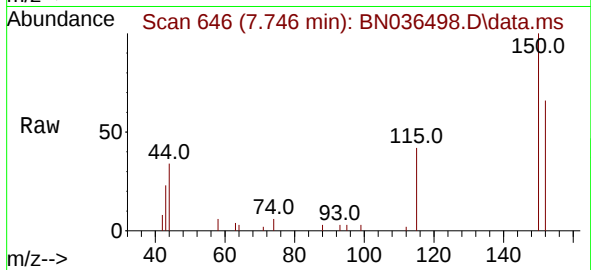
Quant Time: Feb 24 14:49:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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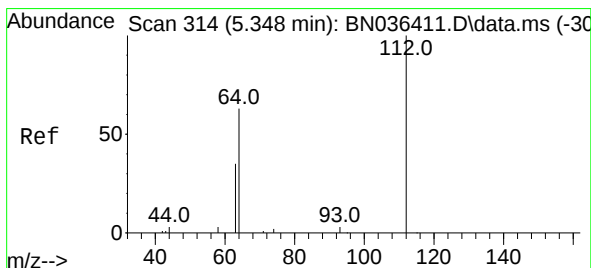
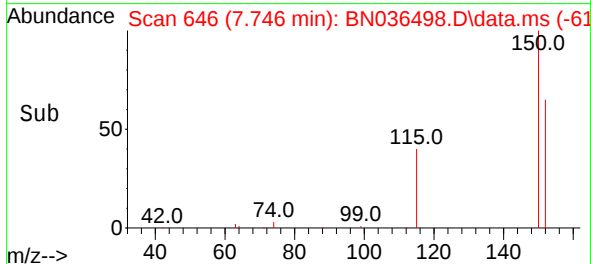
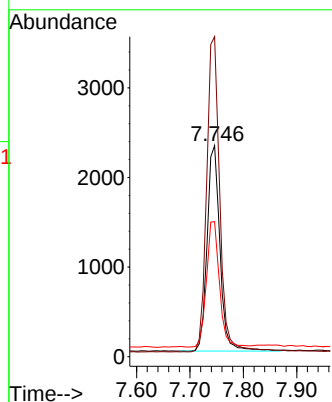


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250219

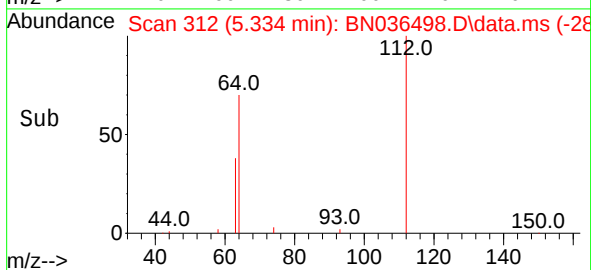
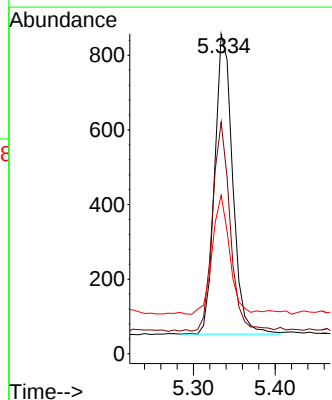
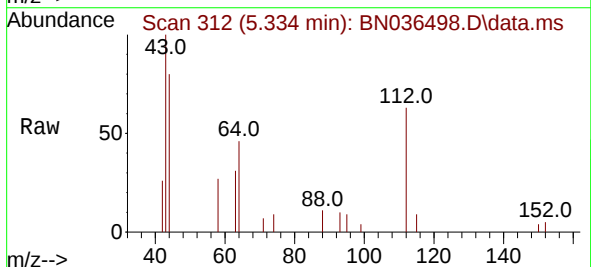


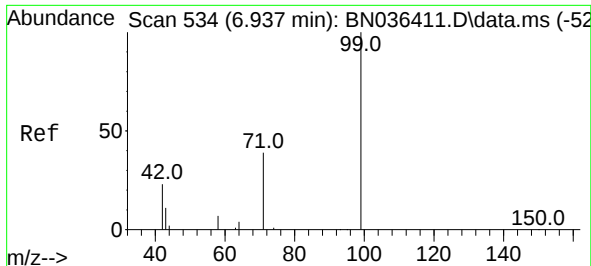
Tgt Ion:152 Resp: 3860
Ion Ratio Lower Upper
152 100
150 151.5 123.7 185.5
115 63.9 52.5 78.7



#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.014 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

Tgt Ion:112 Resp: 1227
Ion Ratio Lower Upper
112 100
64 69.3 53.4 80.0
63 38.7 30.3 45.5

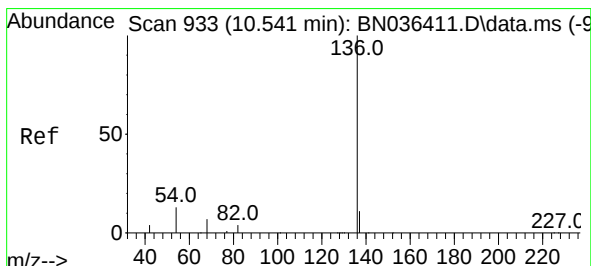
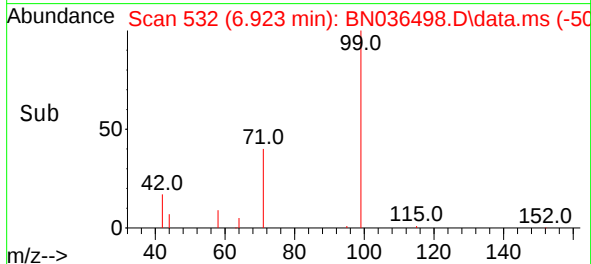
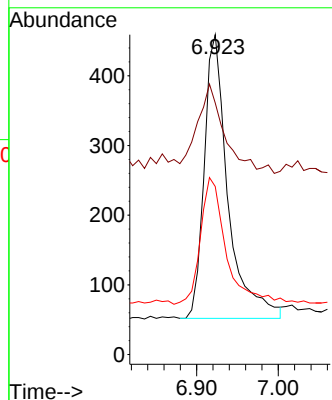
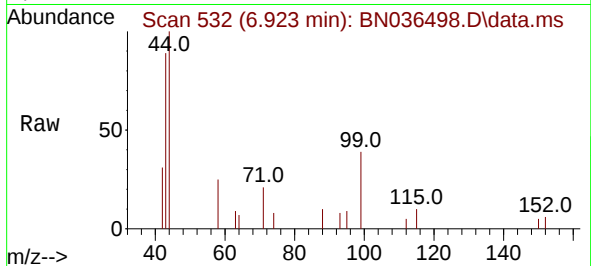




#5
Phenol-d6
Concen: 0.077 ng
RT: 6.923 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

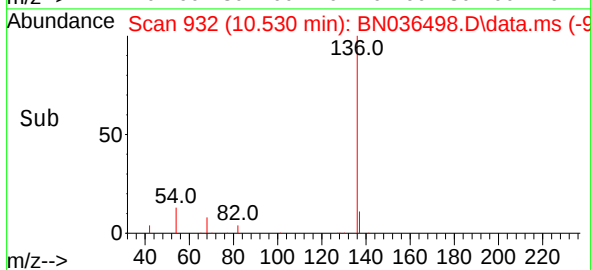
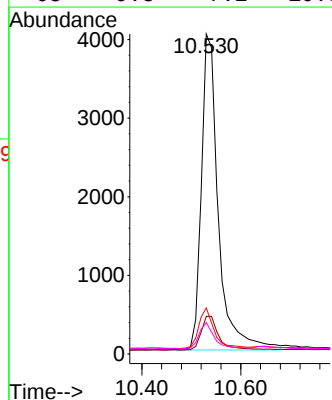
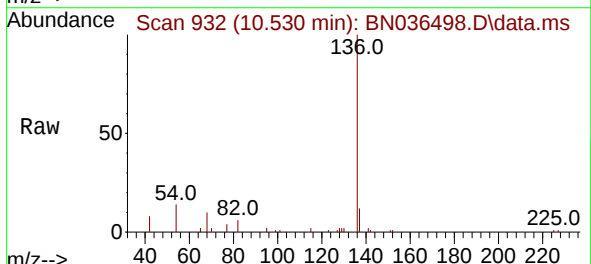
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250219

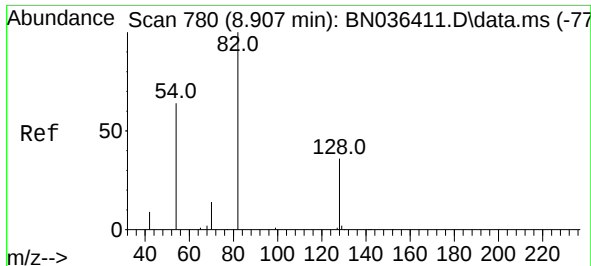
Tgt Ion: 99 Resp: 825
Ion Ratio Lower Upper
99 100
42 36.6 21.7 32.5#
71 49.3 32.6 49.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.011 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

Tgt Ion: 136 Resp: 9568
Ion Ratio Lower Upper
136 100
137 11.8 10.1 15.1
54 14.4 11.8 17.6
68 9.8 7.2 10.8

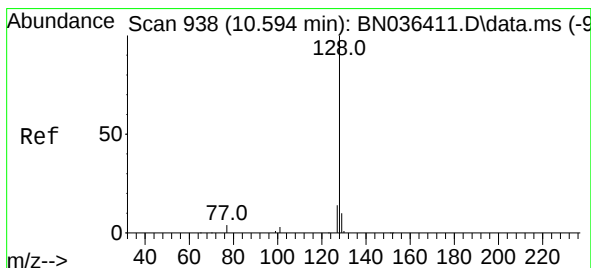
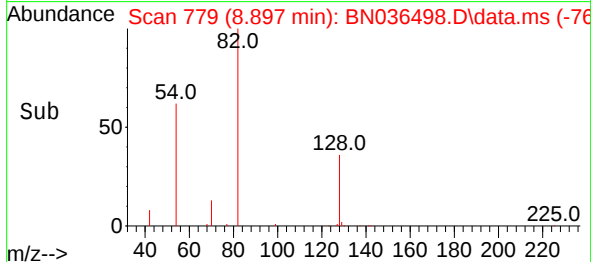
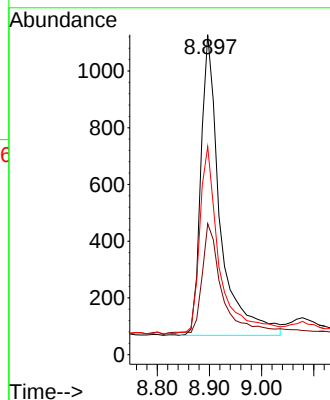
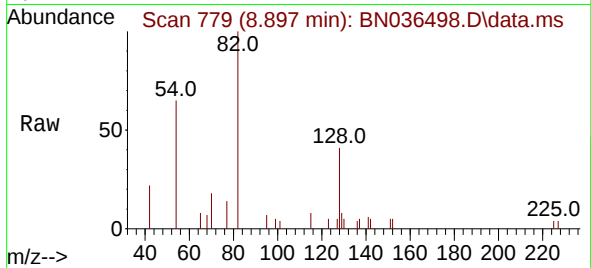




#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.897 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

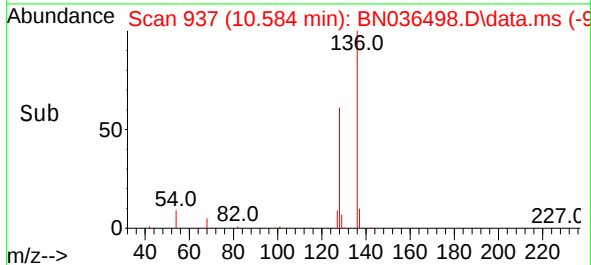
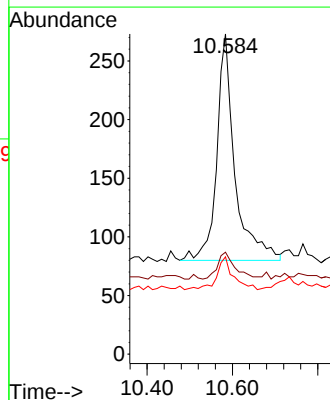
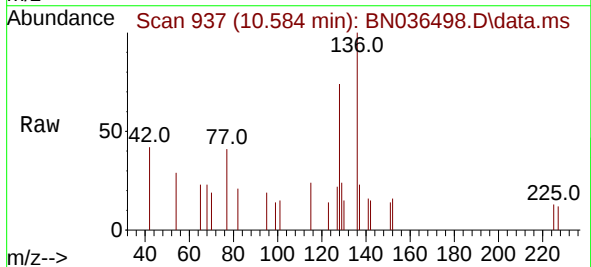
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250219

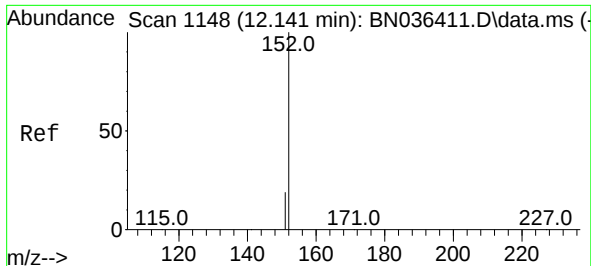
Tgt Ion: 82 Resp: 2730
Ion Ratio Lower Upper
82 100
128 41.0 31.9 47.9
54 65.1 53.1 79.7



#9
Naphthalene
Concen: 0.021 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.011 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

Tgt Ion: 128 Resp: 568
Ion Ratio Lower Upper
128 100
129 31.9 9.6 14.4#
127 30.4 12.0 18.0#

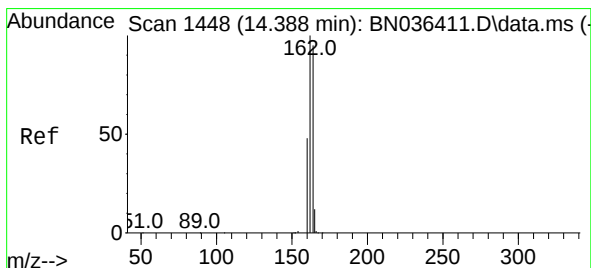
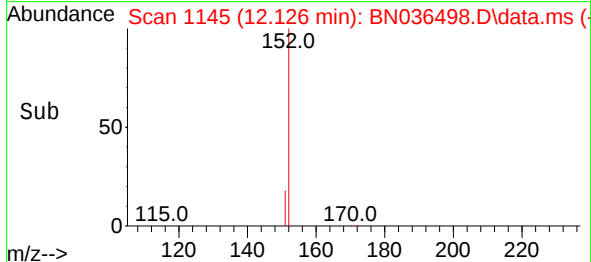
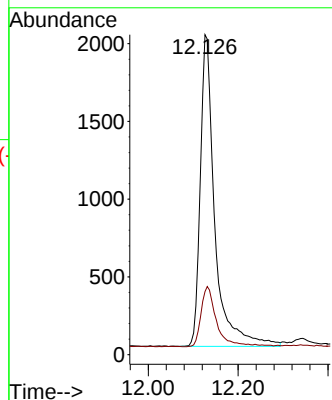
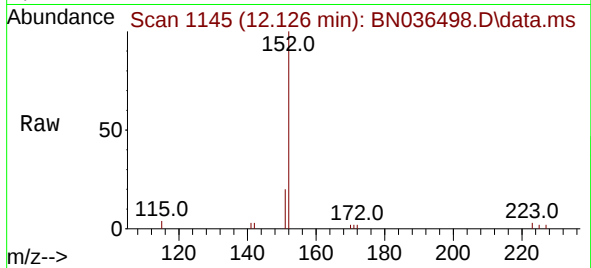




#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.015 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

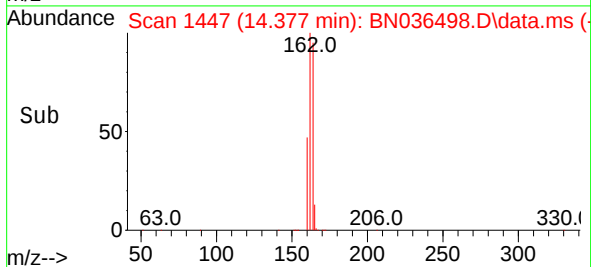
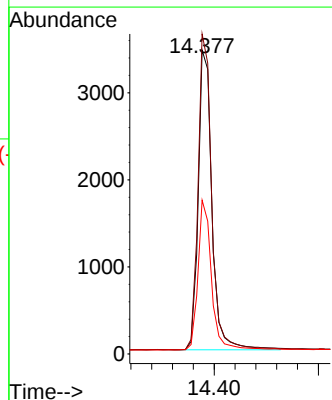
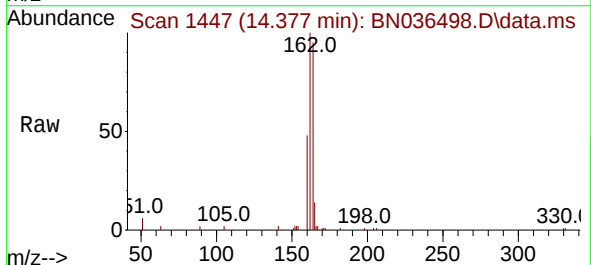
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250219

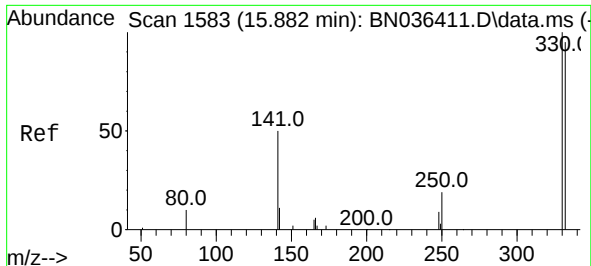
Tgt Ion:152 Resp: 4500
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.011 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

Tgt Ion:164 Resp: 6281
Ion Ratio Lower Upper
164 100
162 105.3 84.1 126.1
160 50.6 41.4 62.0

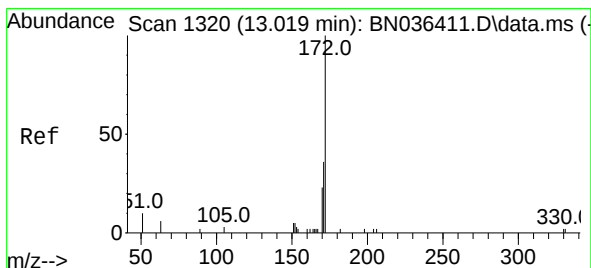
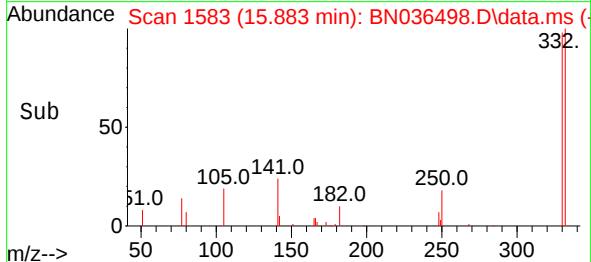
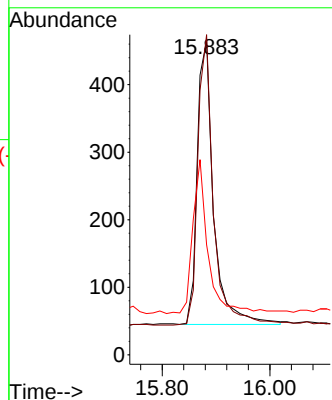
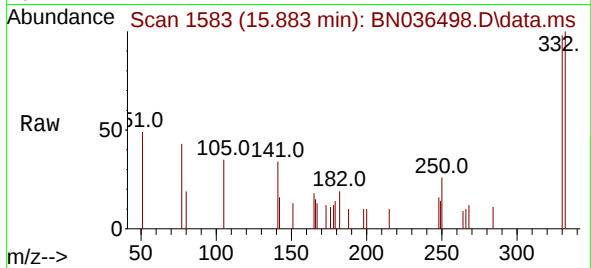




#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.883 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

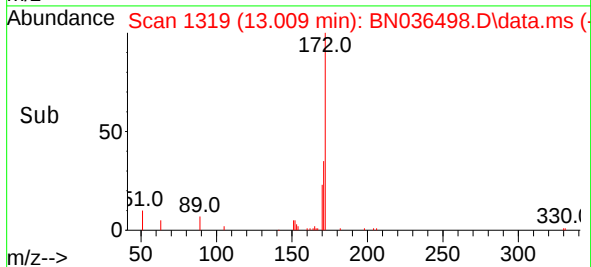
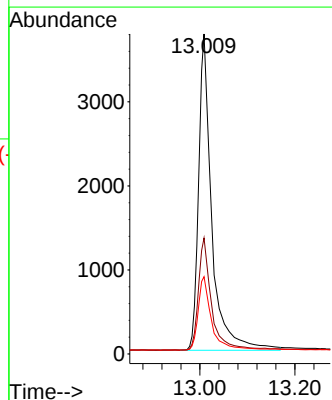
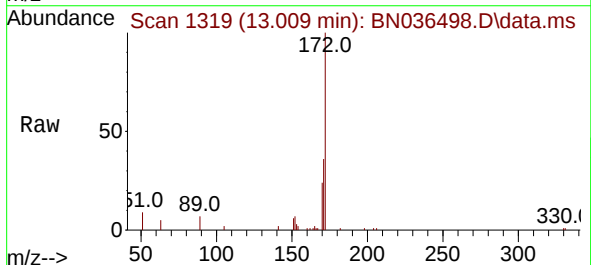
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250219

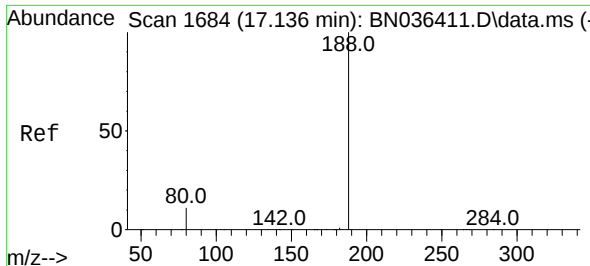
Tgt Ion:330 Resp: 890
Ion Ratio Lower Upper
330 100
332 97.8 76.6 114.8
141 50.8 37.8 56.8



#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.009 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

Tgt Ion:172 Resp: 8248
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.1 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: BN036498.D

Acq: 24 Feb 2025 14:25

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20250219

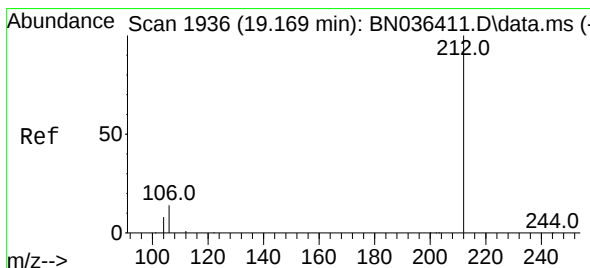
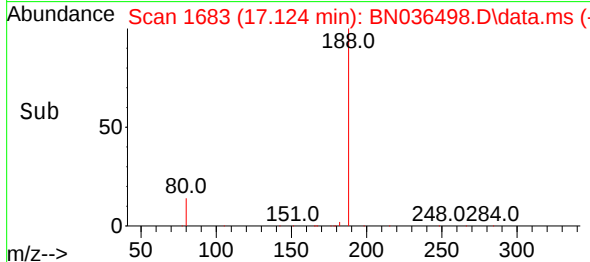
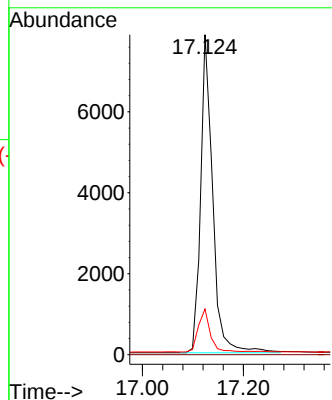
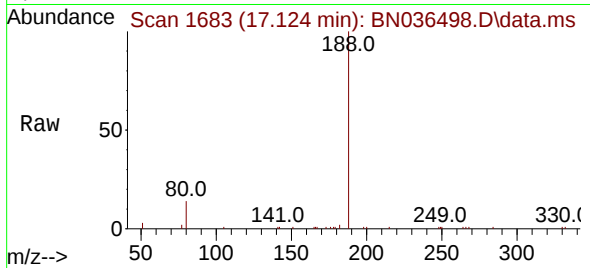
Tgt Ion:188 Resp: 13071

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.3 9.8 14.6



#27

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.160 min Scan# 1934

Delta R.T. -0.009 min

Lab File: BN036498.D

Acq: 24 Feb 2025 14:25

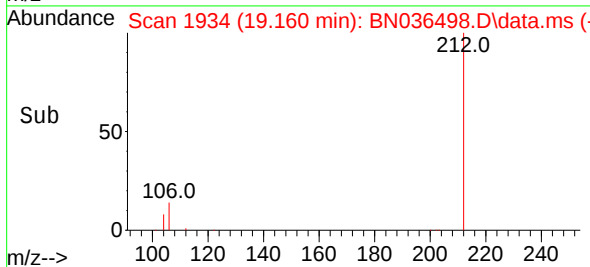
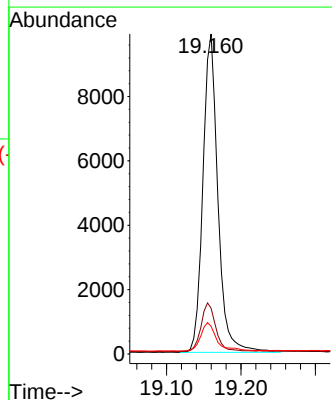
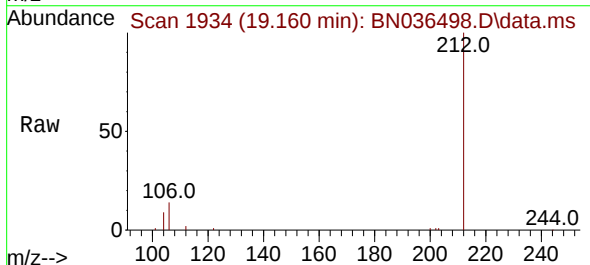
Tgt Ion:212 Resp: 13825

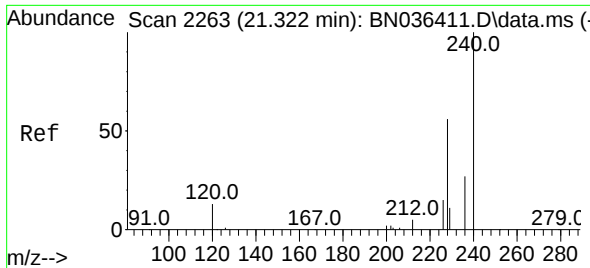
Ion Ratio Lower Upper

212 100

106 15.1 11.5 17.3

104 9.4 7.1 10.7

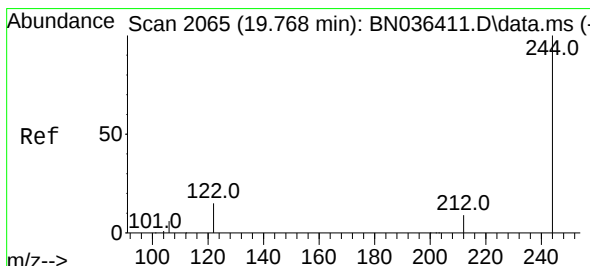
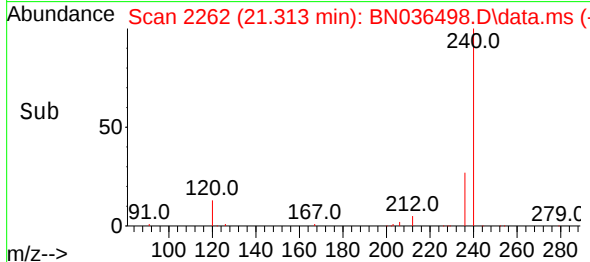
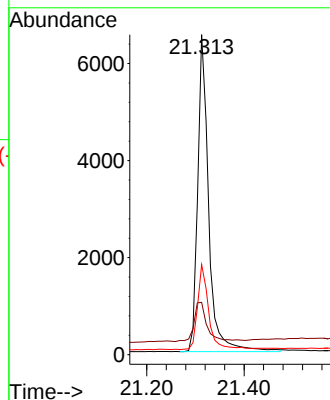
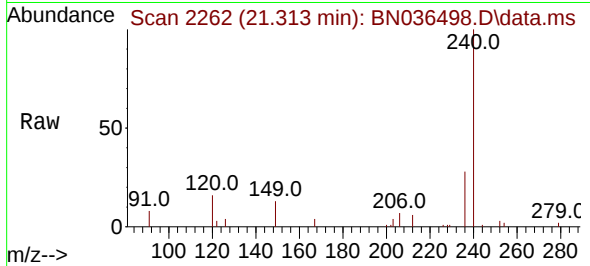




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

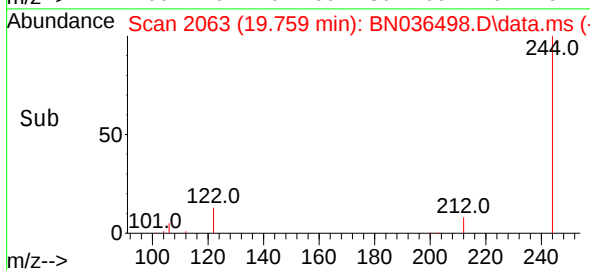
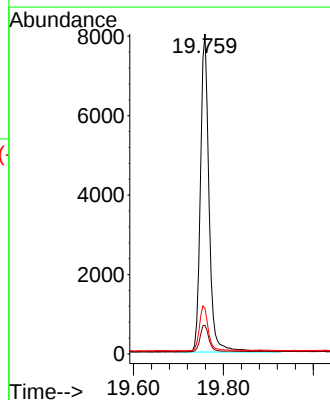
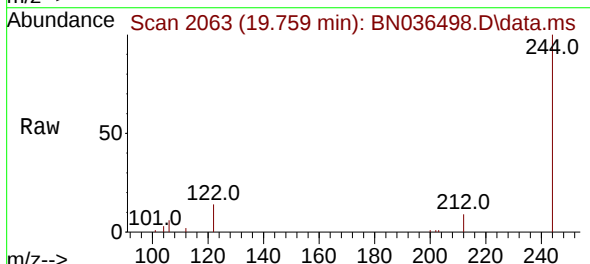
Instrument :
BNA_N
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RW5-SP201-20250219

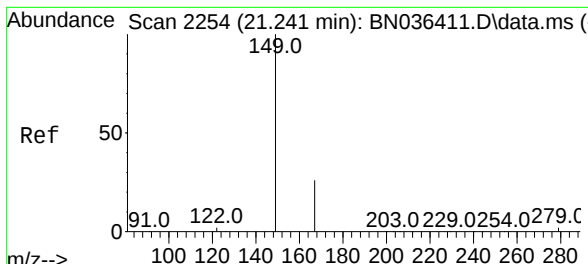
Tgt Ion:240 Resp: 10203
Ion Ratio Lower Upper
240 100
120 16.3 13.3 19.9
236 28.2 23.0 34.6



#31
Terphenyl-d14
Concen: 0.491 ng
RT: 19.759 min Scan# 2063
Delta R.T. -0.009 min
Lab File: BN036498.D
Acq: 24 Feb 2025 14:25

Tgt Ion:244 Resp: 10703
Ion Ratio Lower Upper
244 100
212 9.0 8.1 12.1
122 14.2 12.8 19.2



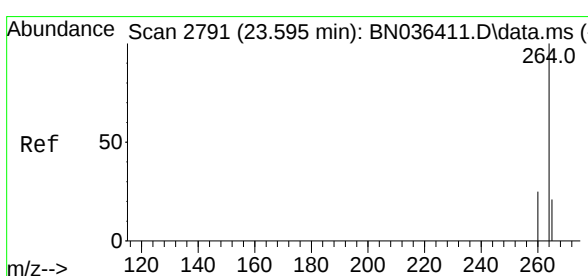
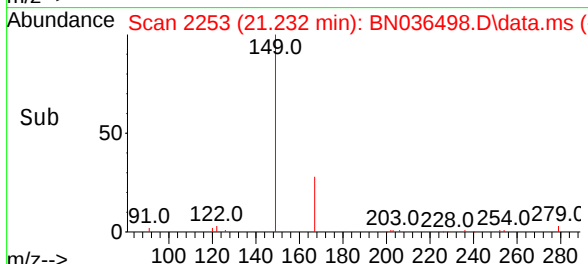
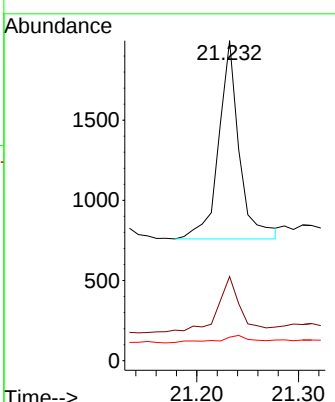
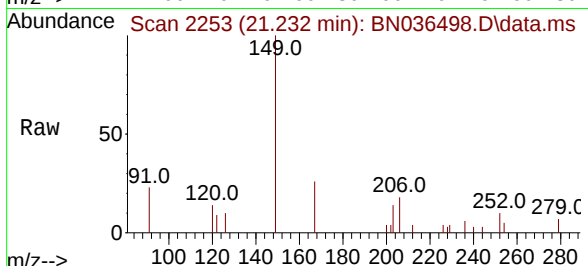


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.232 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036498.D
 Acq: 24 Feb 2025 14:25

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250219

Tgt Ion:149 Resp: 1734

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.2	31.8
279	5.2	2.7	4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.581 min Scan# 2786
 Delta R.T. -0.015 min
 Lab File: BN036498.D
 Acq: 24 Feb 2025 14:25

Tgt Ion:264 Resp: 8419

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.9	31.3
265	77.1	60.7	91.1

