

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036497.D
 Acq On : 24 Feb 2025 13:49
 Operator : RC/JU
 Sample : Q1402-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250219

Quant Time: Feb 24 14:27:35 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)

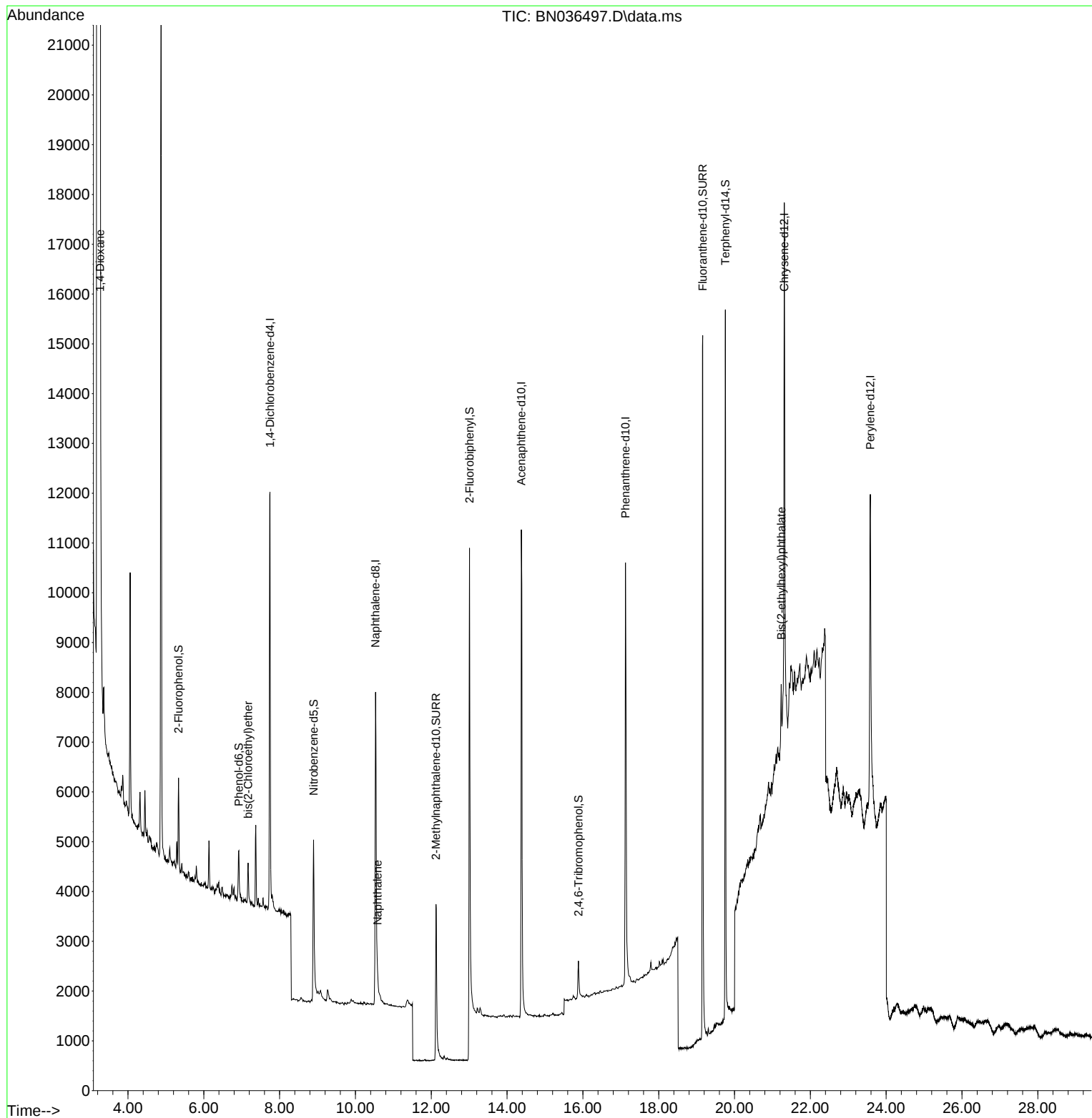
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	4167	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	10364	0.400	ng	-0.01
13) Acenaphthene-d10	14.377	164	6877	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	14225	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	11262	0.400	ng	# 0.00
35) Perylene-d12	23.581	264	9520	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	1314	0.133	ng	-0.01
5) Phenol-d6	6.923	99	1086	0.094	ng	-0.01
8) Nitrobenzene-d5	8.897	82	3563	0.348	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	5928	0.372	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	559	0.164	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	12017	0.465	ng	-0.01
27) Fluoranthene-d10	19.160	212	17180	0.434	ng	0.00
31) Terphenyl-d14	19.759	244	14738	0.613	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.261	88	27472	6.026	ng	98
6) bis(2-Chloroethyl)ether	7.168	93	632	0.052	ng	92
9) Naphthalene	10.584	128	729	0.024	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.232	149	1462	0.063	ng	# 93

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

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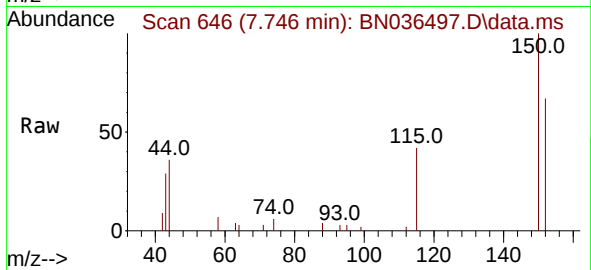
Quant Time: Feb 24 14:27:35 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration



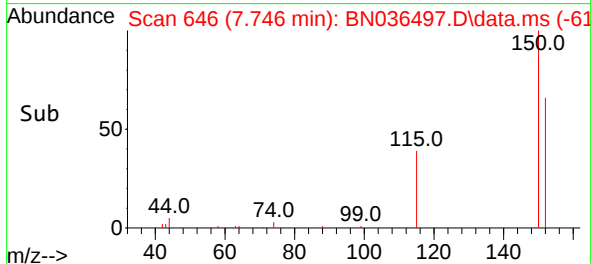
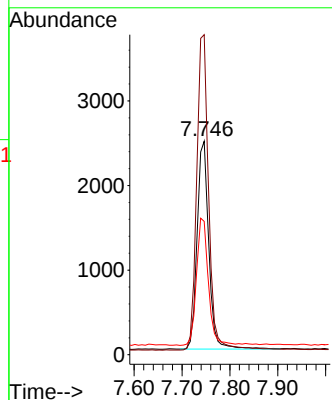


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.746 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036497.D
 Acq: 24 Feb 2025 13:49

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250219

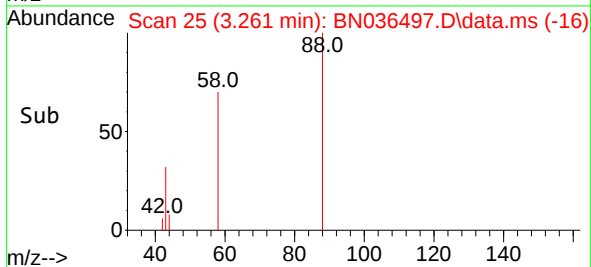
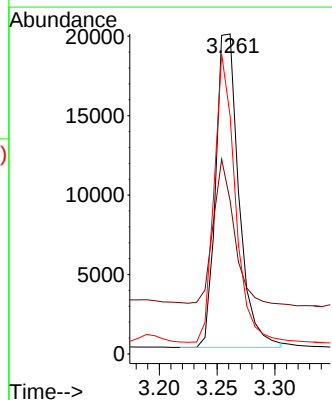
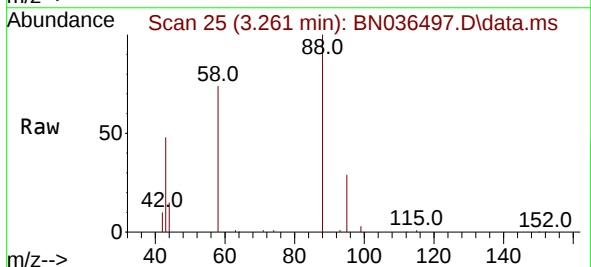


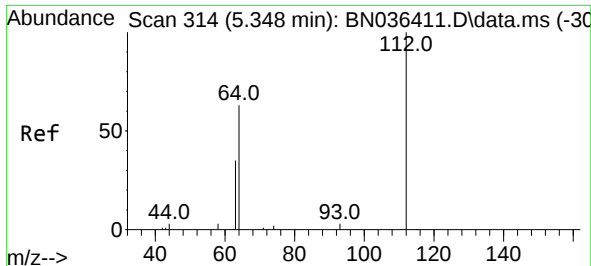
Tgt Ion:152 Resp: 4167
 Ion Ratio Lower Upper
 152 100
 150 149.9 123.7 185.5
 115 62.5 52.5 78.7



#2
 1,4-Dioxane
 Concen: 6.026 ng
 RT: 3.261 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN036497.D
 Acq: 24 Feb 2025 13:49

Tgt Ion: 88 Resp: 27472
 Ion Ratio Lower Upper
 88 100
 43 41.0 33.7 50.5
 58 83.6 68.9 103.3

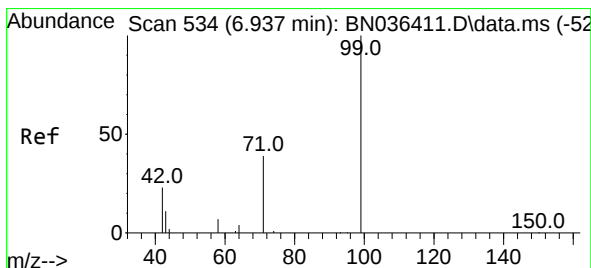
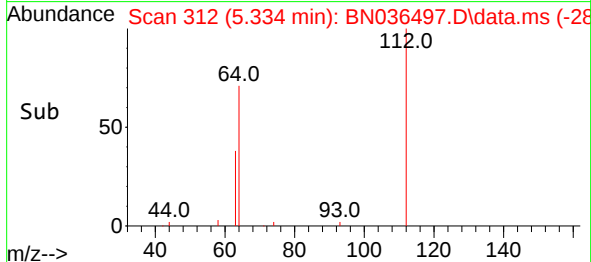
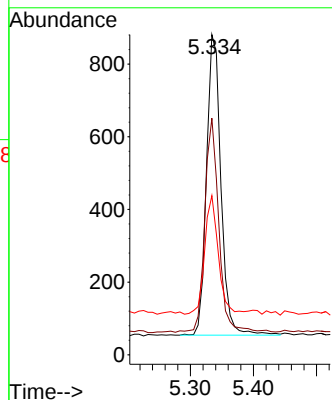
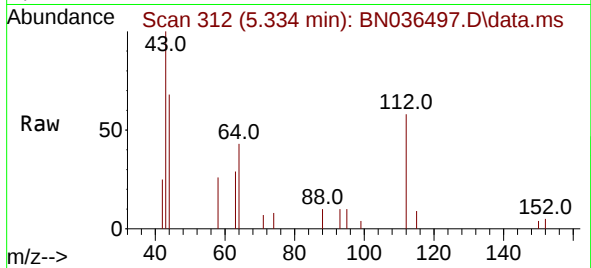




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.334 min Scan# 314
Delta R.T. -0.014 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

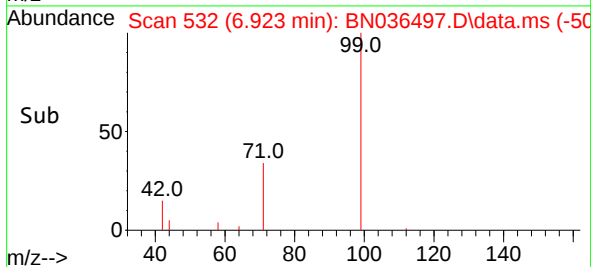
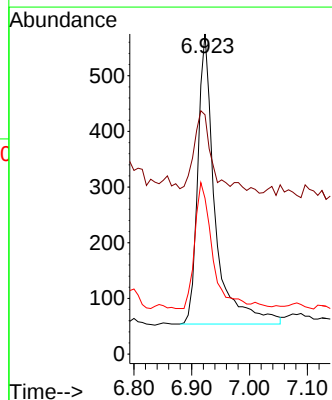
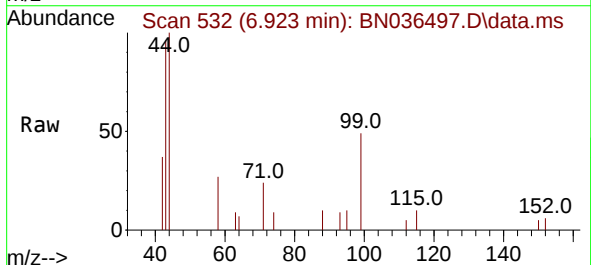
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219

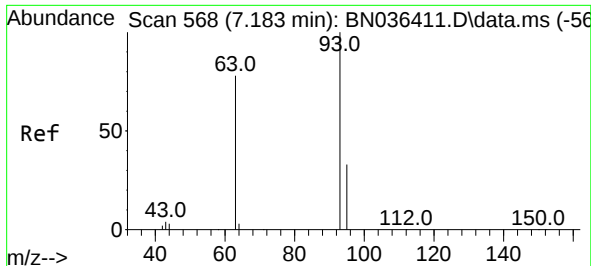
Tgt Ion:	112	Resp:	1314
Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.4	80.0
63	37.1	30.3	45.5



#5
Phenol-d6
Concen: 0.094 ng
RT: 6.923 min Scan# 532
Delta R.T. -0.014 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

Tgt Ion:	99	Resp:	1086
Ion	Ratio	Lower	Upper
99	100		
42	24.6	21.7	32.5
71	44.2	32.6	49.0

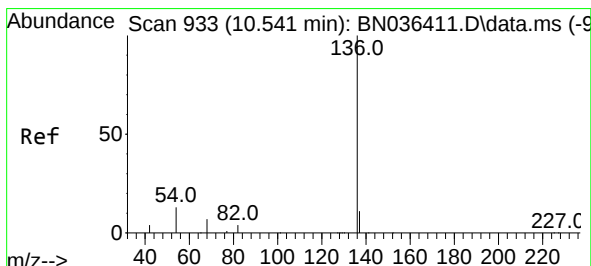
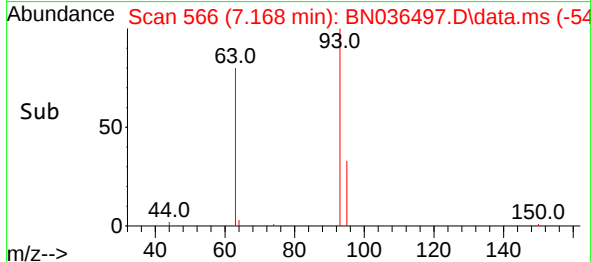
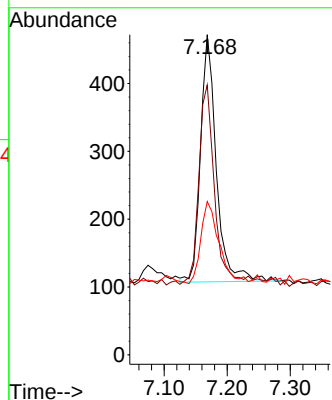
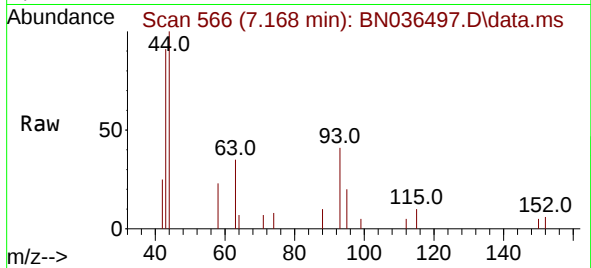




#6
bis(2-Chloroethyl)ether
Concen: 0.052 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.014 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

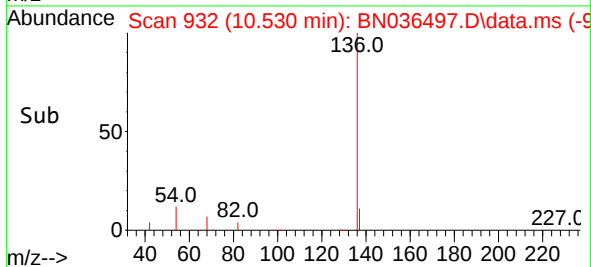
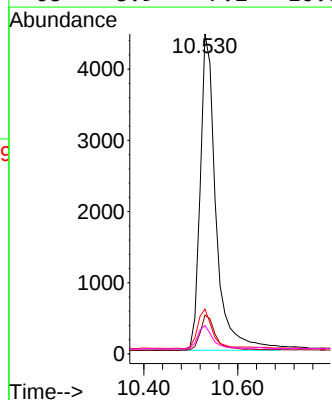
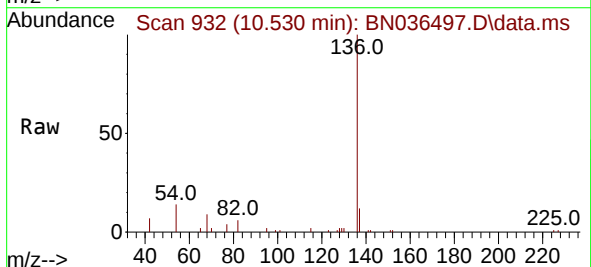
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219

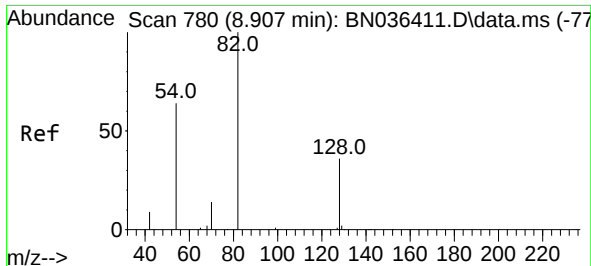
Tgt Ion: 93 Resp: 632
Ion Ratio Lower Upper
93 100
63 76.6 66.3 99.5
95 38.4 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.011 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

Tgt Ion: 136 Resp: 10364
Ion Ratio Lower Upper
136 100
137 12.1 10.1 15.1
54 14.0 11.8 17.6
68 8.9 7.2 10.8

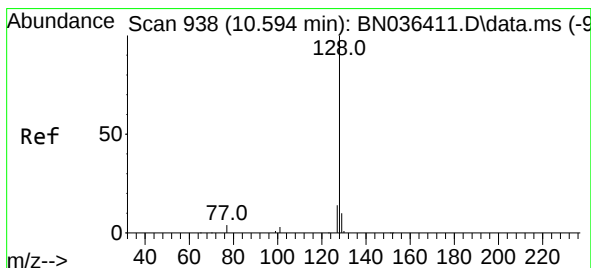
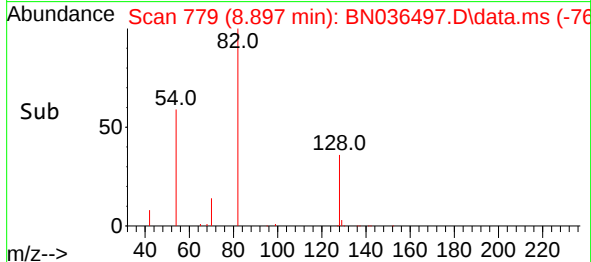
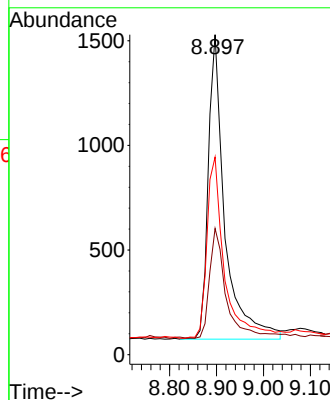
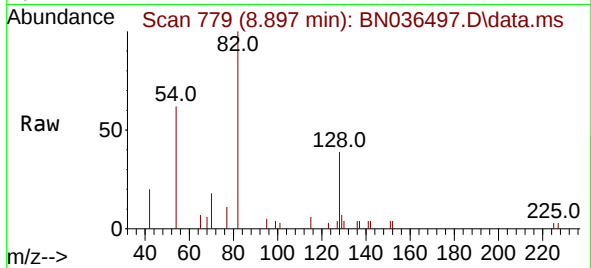




#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.897 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

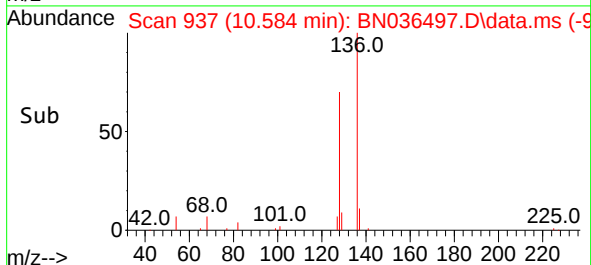
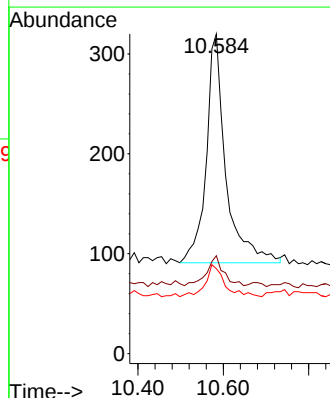
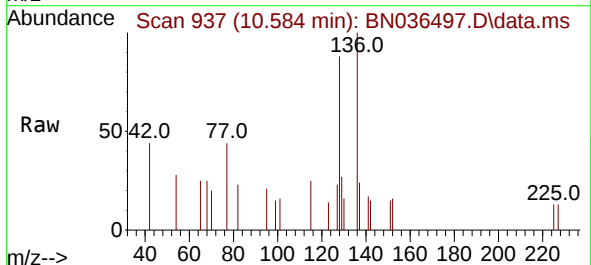
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219

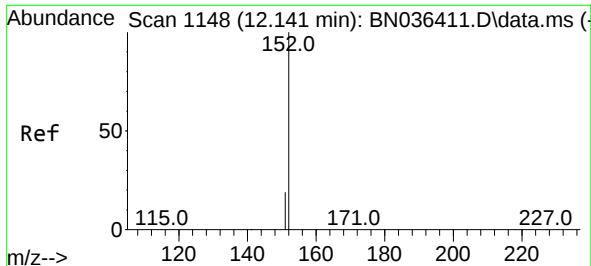
Tgt Ion: 82 Resp: 3563
Ion Ratio Lower Upper
82 100
128 39.4 31.9 47.9
54 61.7 53.1 79.7



#9
Naphthalene
Concen: 0.024 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.011 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

Tgt Ion: 128 Resp: 729
Ion Ratio Lower Upper
128 100
129 30.6 9.6 14.4#
127 26.6 12.0 18.0#

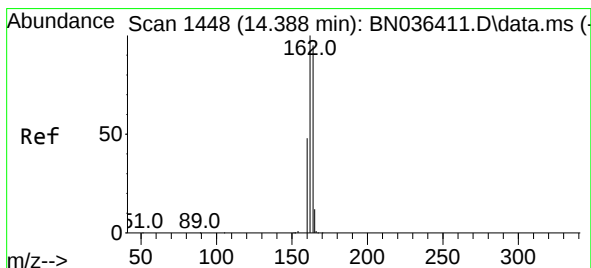
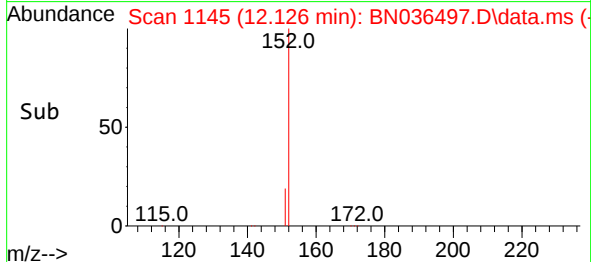
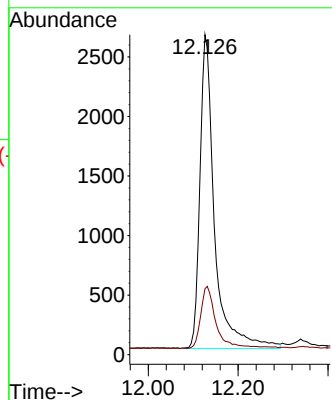
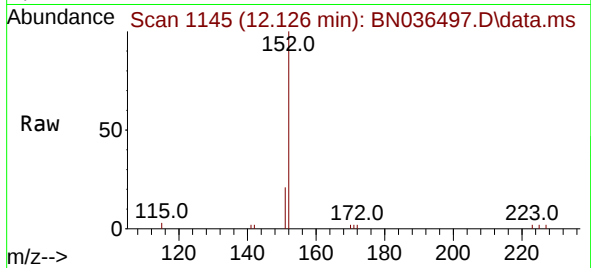




#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.015 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

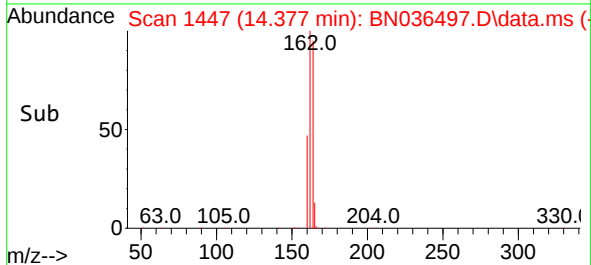
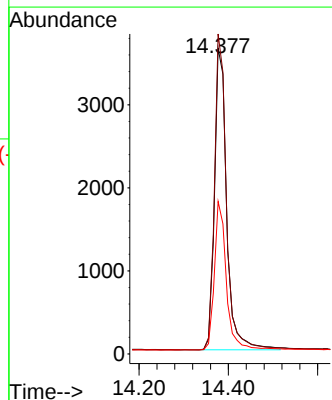
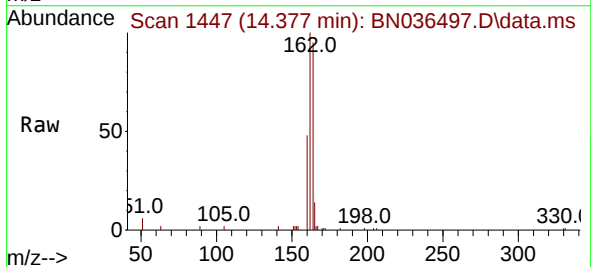
Instrument :
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ClientSampleId :
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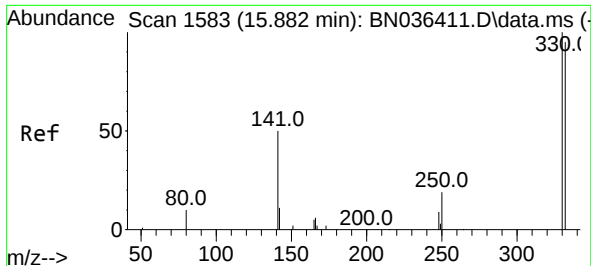
Tgt Ion:152 Resp: 5928
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.011 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

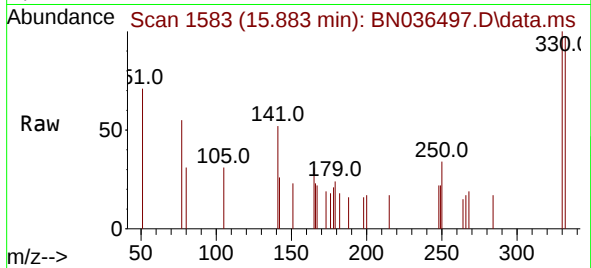
Tgt Ion:164 Resp: 6877
Ion Ratio Lower Upper
164 100
162 104.7 84.1 126.1
160 49.9 41.4 62.0



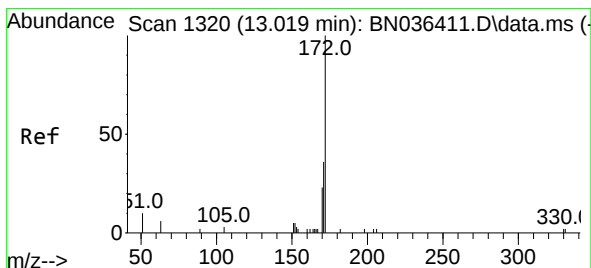
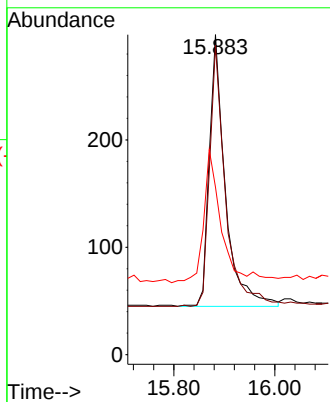
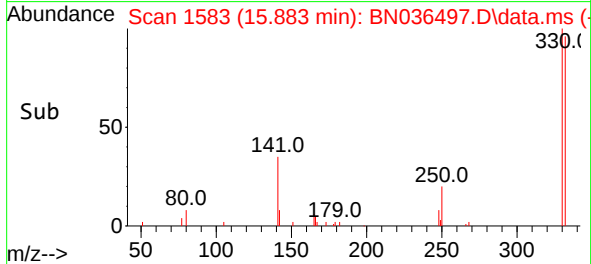


#14
2,4,6-Tribromophenol
Concen: 0.164 ng
RT: 15.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

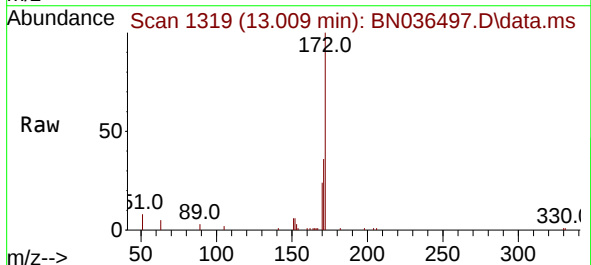
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ClientSampleId :
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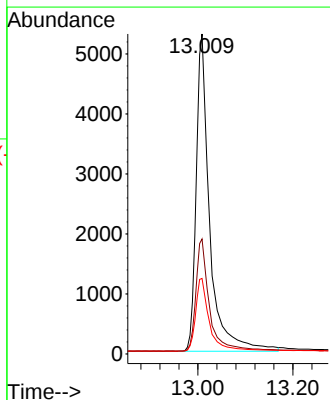
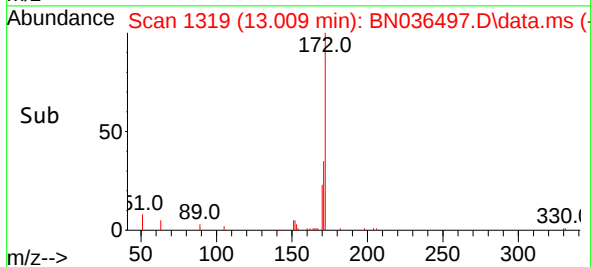
Tgt Ion:330 Resp: 559
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 50.8 37.8 56.8

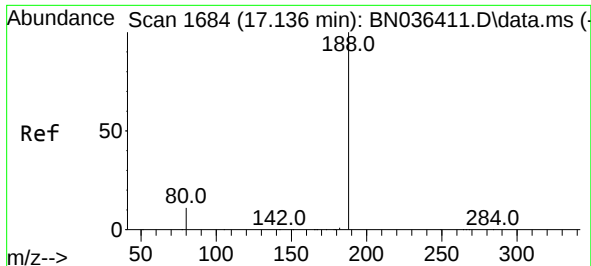


#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.009 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49



Tgt Ion:172 Resp: 12017
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.6 19.8 29.6

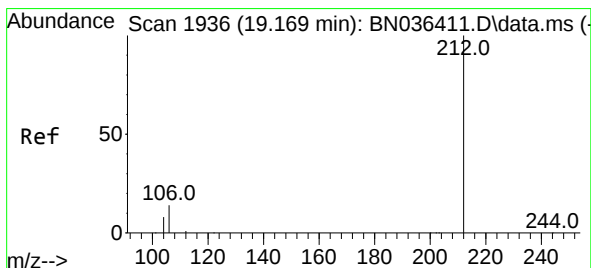
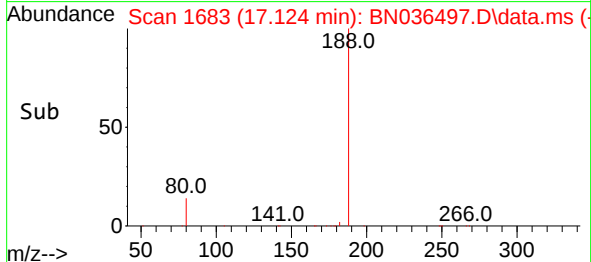
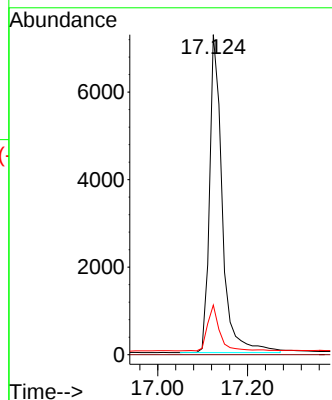
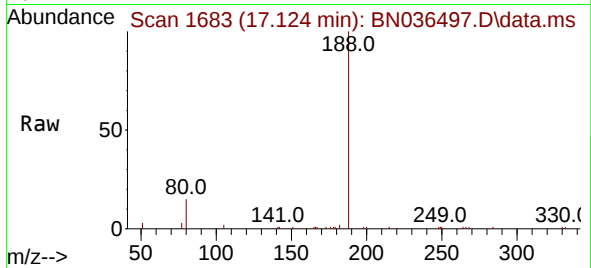




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

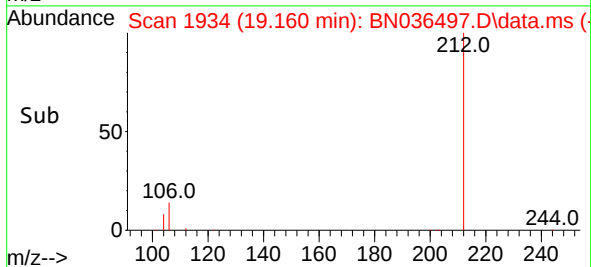
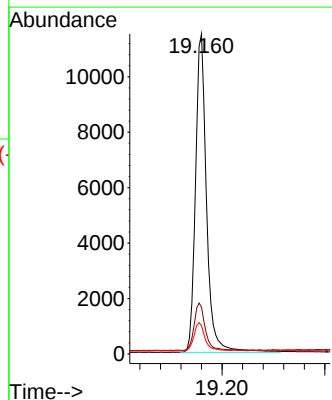
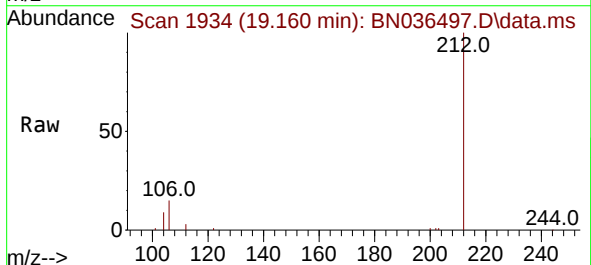
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219

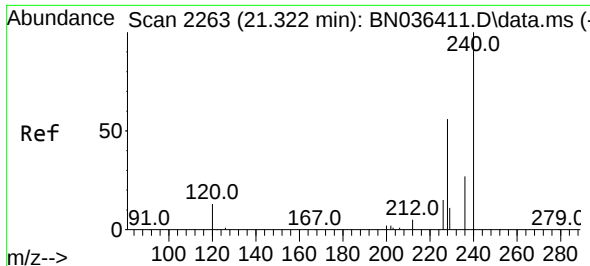
Tgt Ion:188 Resp: 14225
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 9.8 14.6#



#27
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.160 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

Tgt Ion:212 Resp: 17180
Ion Ratio Lower Upper
212 100
106 15.0 11.5 17.3
104 8.9 7.1 10.7

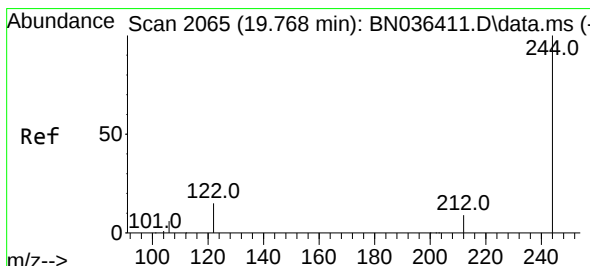
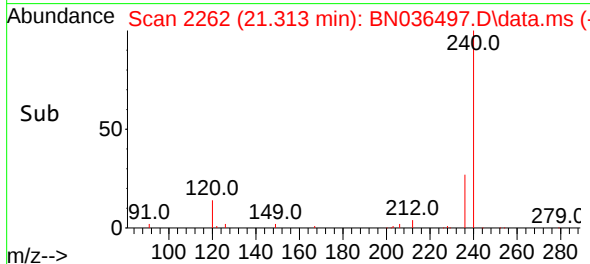
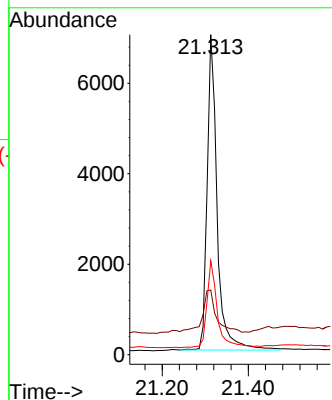
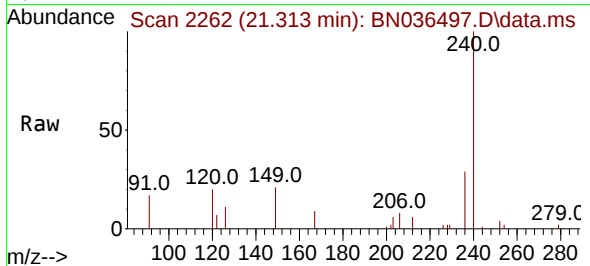




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

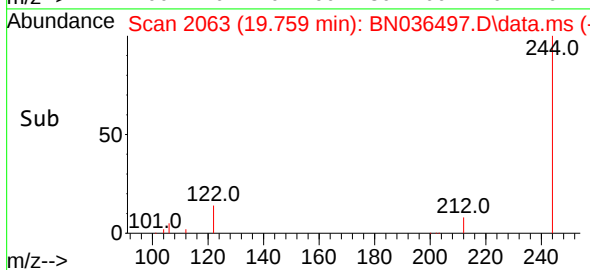
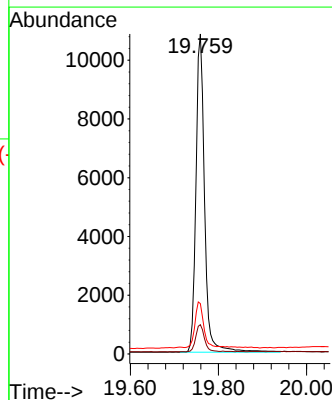
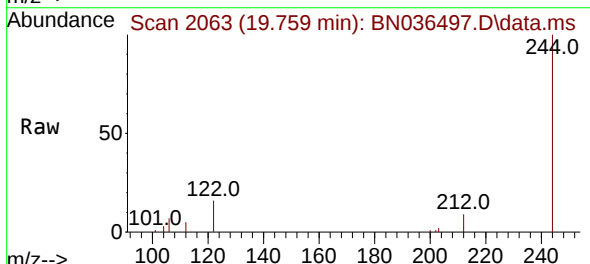
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219

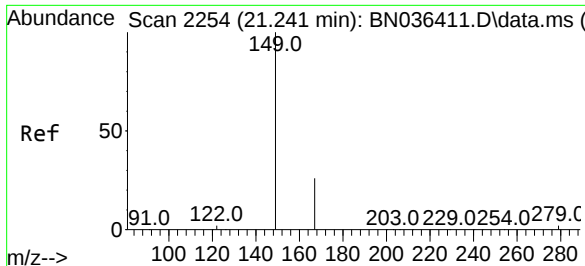
Tgt Ion:240 Resp: 11262
Ion Ratio Lower Upper
240 100
120 20.2 13.3 19.9#
236 29.4 23.0 34.6



#31
Terphenyl-d14
Concen: 0.613 ng
RT: 19.759 min Scan# 2063
Delta R.T. -0.009 min
Lab File: BN036497.D
Acq: 24 Feb 2025 13:49

Tgt Ion:244 Resp: 14738
Ion Ratio Lower Upper
244 100
212 9.1 8.1 12.1
122 15.7 12.8 19.2

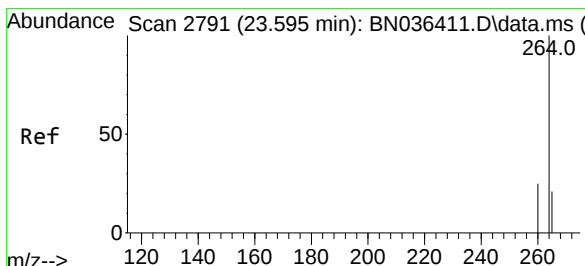
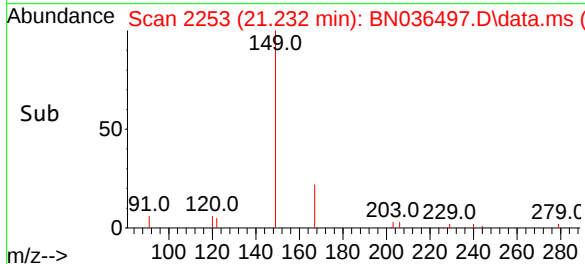
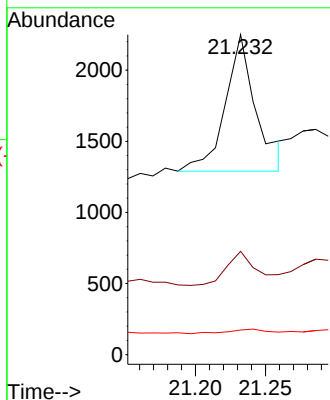
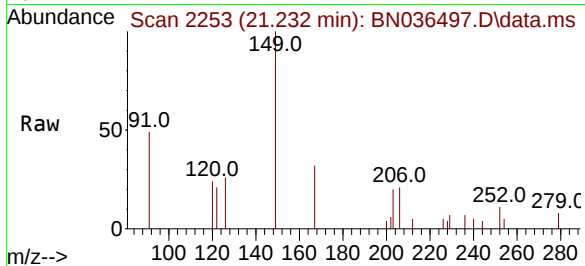




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.232 min Scan# 2123
 Delta R.T. -0.009 min
 Lab File: BN036497.D
 Acq: 24 Feb 2025 13:49

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250219

Tgt Ion:149 Resp: 1462
 Ion Ratio Lower Upper
 149 100
 167 22.6 21.2 31.8
 279 4.2 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: BN036497.D
 Acq: 24 Feb 2025 13:49

Tgt Ion:264 Resp: 9520
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.9 31.3
 265 73.5 60.7 91.1

