

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
 Data File : BN036510.D
 Acq On : 26 Feb 2025 14:55
 Operator : RC/JU
 Sample : Q1423-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB-192-HYD-20250221

Quant Time: Feb 26 15:20:43 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)

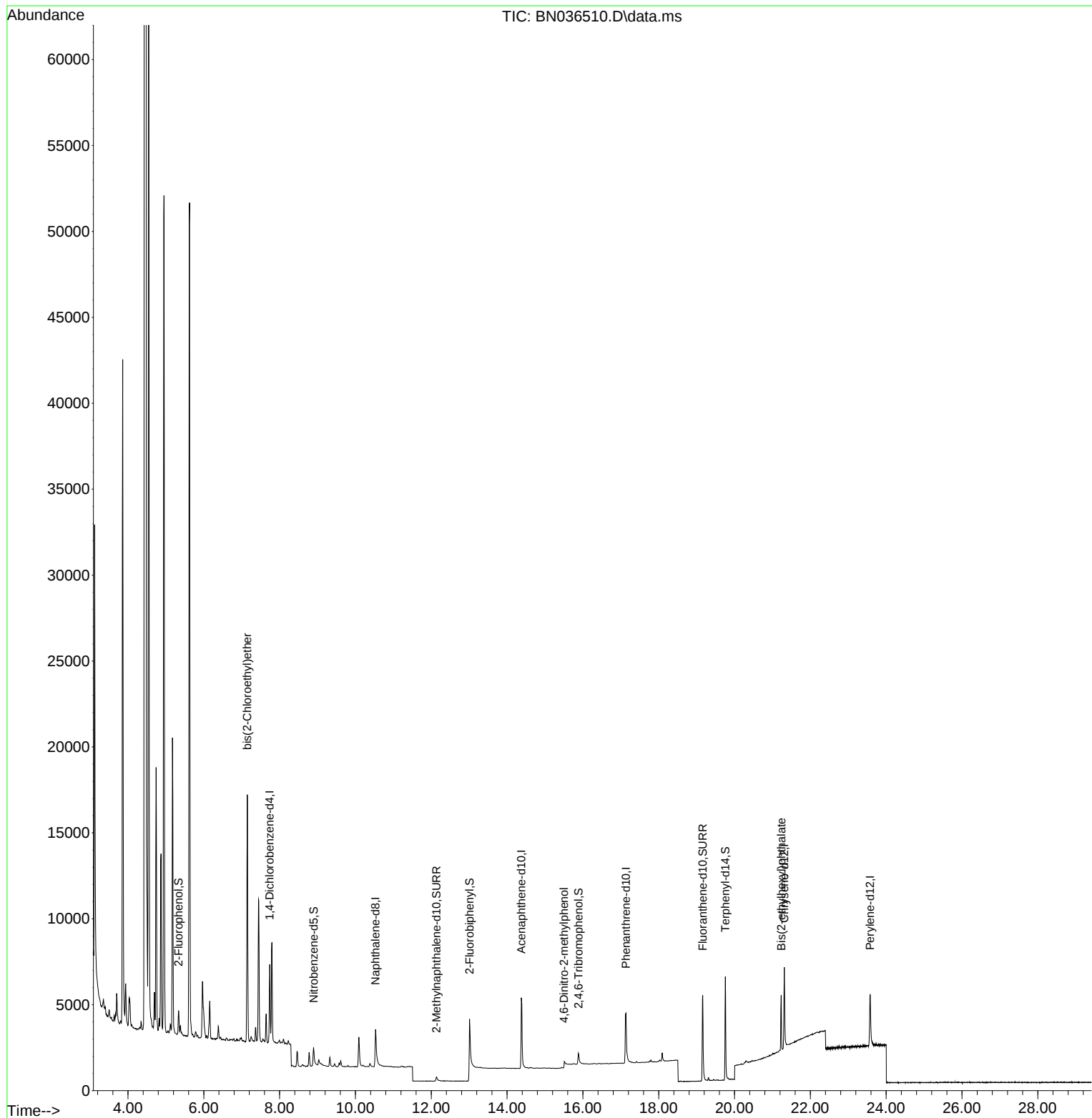
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2028	0.400	ng	-0.01
7) Naphthalene-d8	10.530	136	4364	0.400	ng	-0.01
13) Acenaphthene-d10	14.377	164	3005	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	6199	0.400	ng	0.00
29) Chrysene-d12	21.313	240	5181	0.400	ng	0.00
35) Perylene-d12	23.578	264	4672	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	615	0.128	ng	-0.01
5) Phenol-d6	6.916	99	8	0.001	ng	-0.02
8) Nitrobenzene-d5	8.897	82	1400	0.325	ng	-0.01
11) 2-Methylnaphthalene-d10	12.136	152	574	0.086	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	516	0.346	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	3919	0.347	ng	-0.01
27) Fluoranthene-d10	19.160	212	6728	0.390	ng	0.00
31) Terphenyl-d14	19.759	244	6510	0.589	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.147	93	7719	1.313	ng	# 41
20) 4,6-Dinitro-2-methylph...	15.499	198	26	0.021	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.232	149	2947	0.277	ng	98

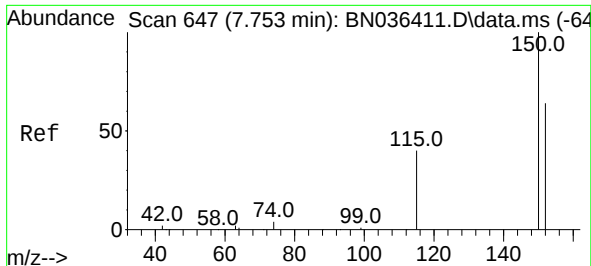
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
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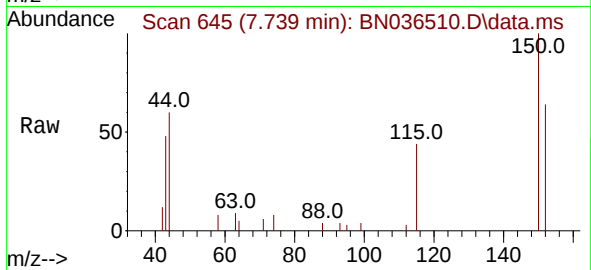
Quant Time: Feb 26 15:20:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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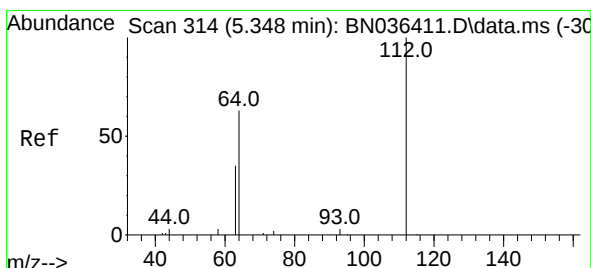
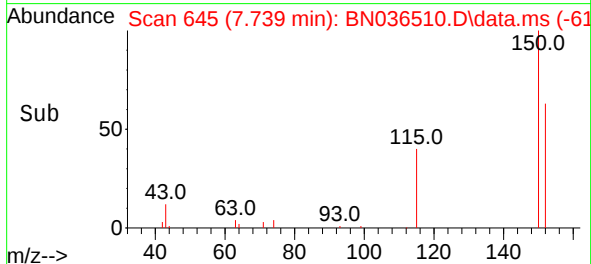
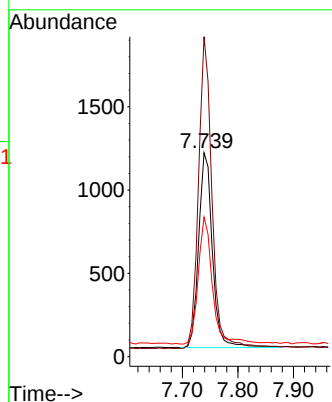


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

Instrument :
BNA_N
ClientSampleId :
VPB-192-HYD-20250221

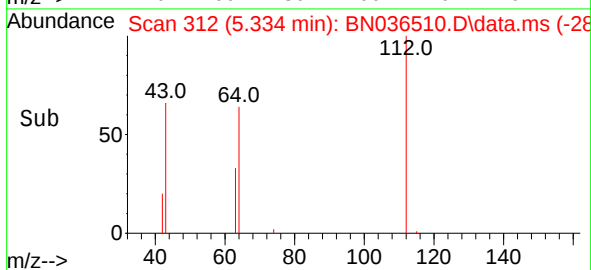
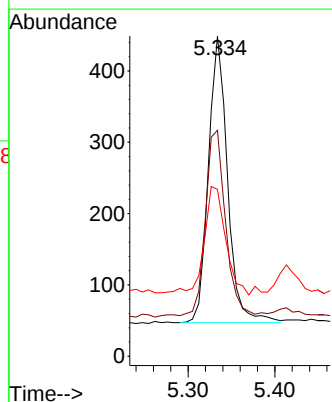
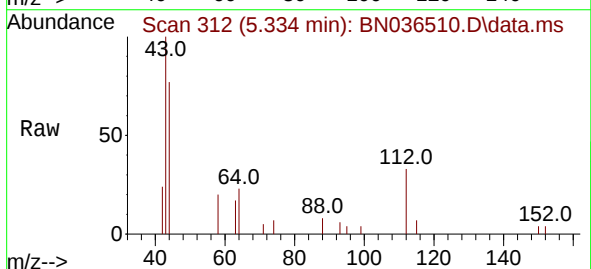


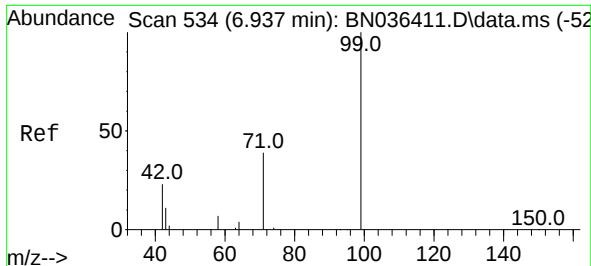
Tgt Ion:152 Resp: 2028
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 68.3 52.5 78.7



#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.014 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

Tgt Ion:112 Resp: 615
Ion Ratio Lower Upper
112 100
64 69.8 53.4 80.0
63 42.9 30.3 45.5

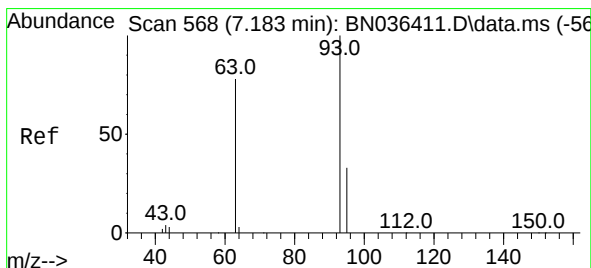
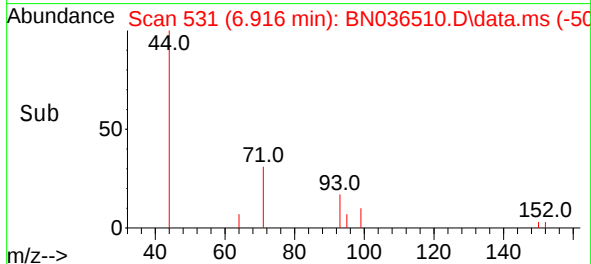
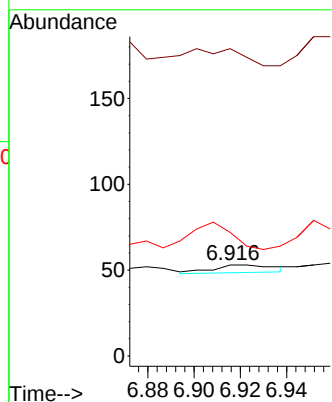
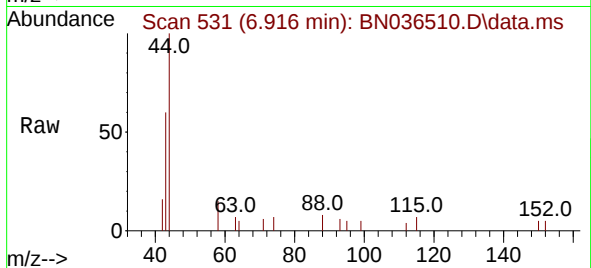




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.916 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

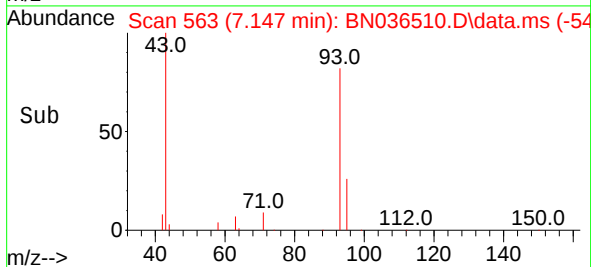
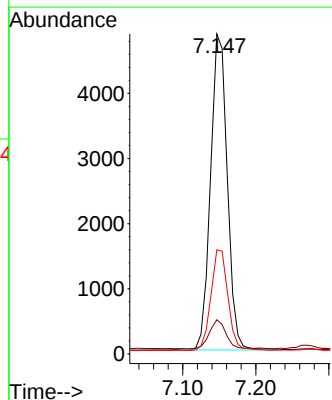
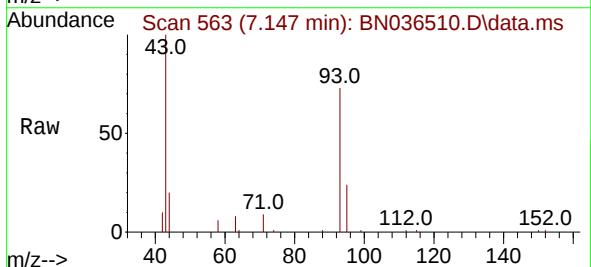
Instrument :
BNA_N
ClientSampleId :
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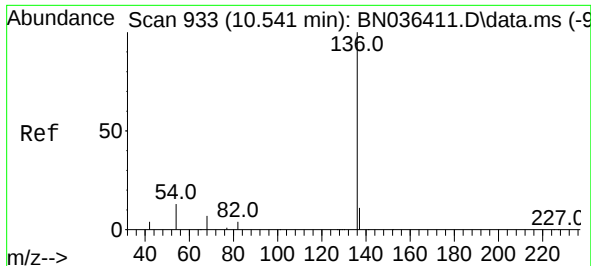
Tgt Ion: 99 Resp: 8
Ion Ratio Lower Upper
99 100
42 387.5 21.7 32.5#
71 912.5 32.6 49.0#



#6
bis(2-Chloroethyl)ether
Concen: 1.313 ng
RT: 7.147 min Scan# 563
Delta R.T. -0.036 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

Tgt Ion: 93 Resp: 7719
Ion Ratio Lower Upper
93 100
63 8.8 66.3 99.5#
95 32.5 26.2 39.4

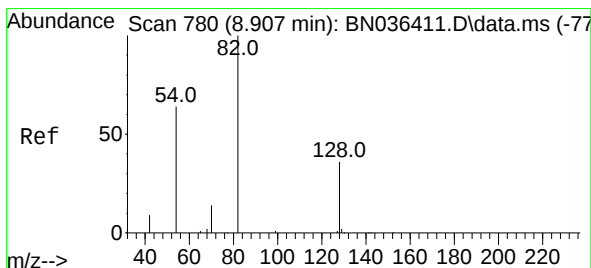
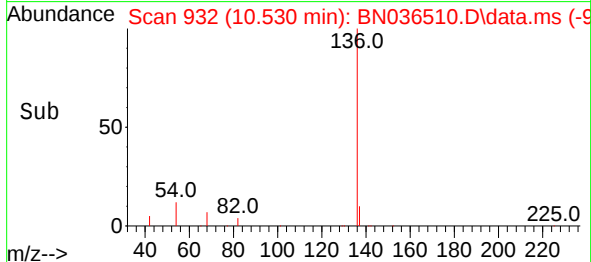
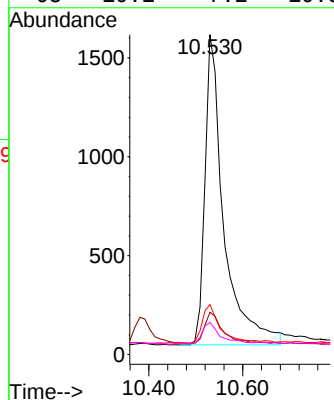
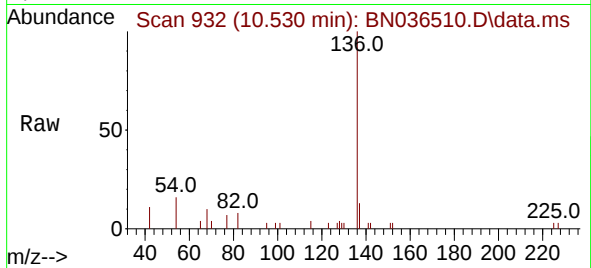




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

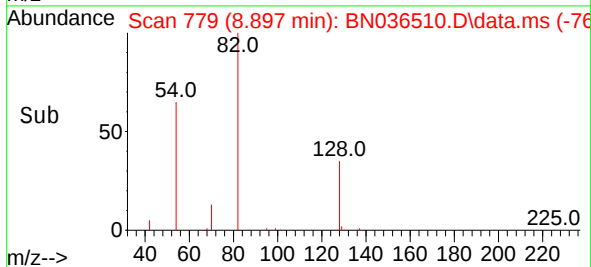
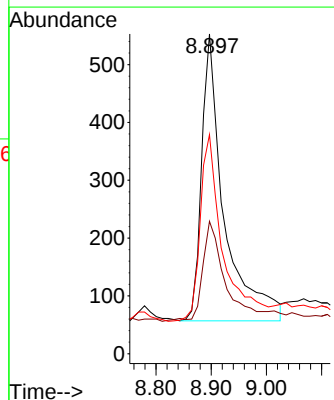
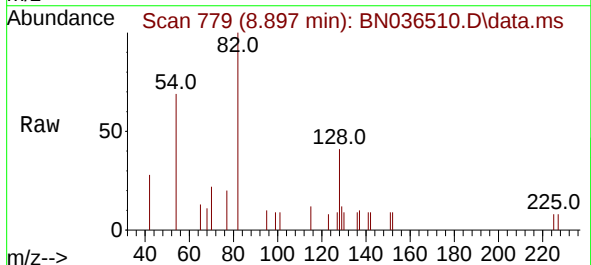
Instrument :
BNA_N
ClientSampleId :
VPB-192-HYD-20250221

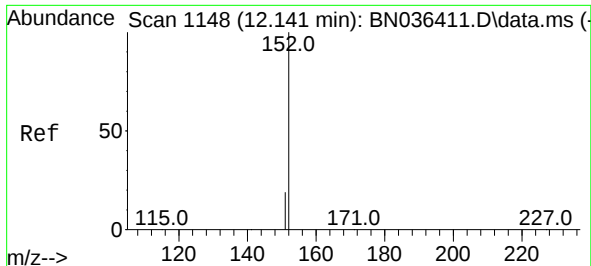
Tgt Ion:	136	Resp:	4364
Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.1	15.1
54	15.6	11.8	17.6
68	10.1	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

Tgt Ion:	82	Resp:	1400
Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.9	47.9
54	68.5	53.1	79.7

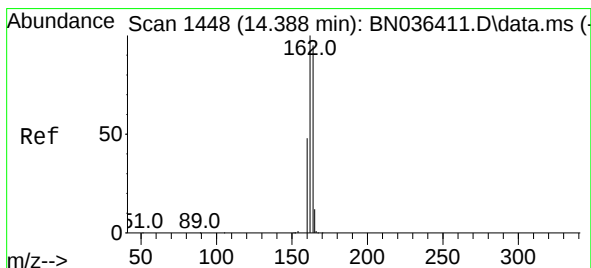
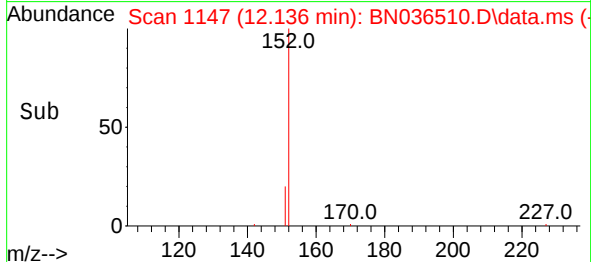
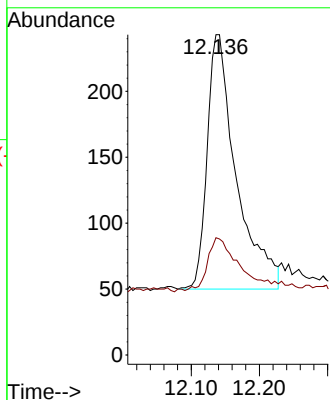
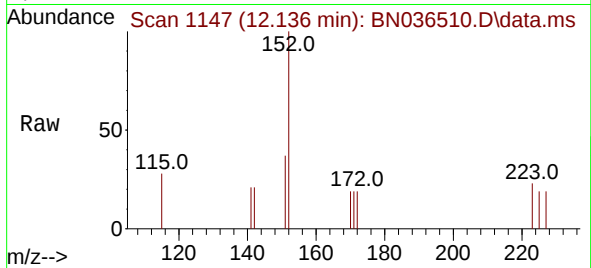




#11
2-Methylnaphthalene-d10
Concen: 0.086 ng
RT: 12.136 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

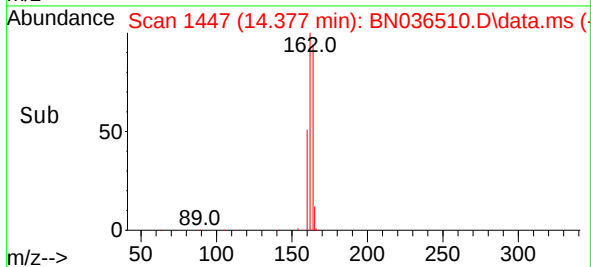
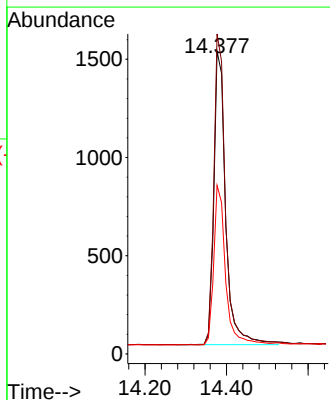
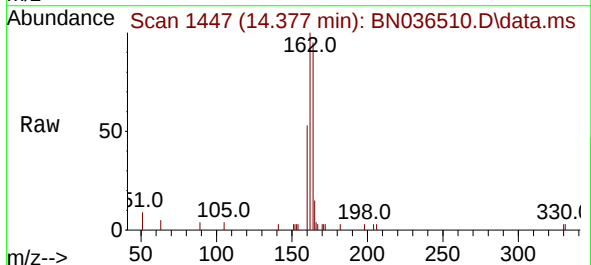
Instrument :
BNA_N
ClientSampleId :
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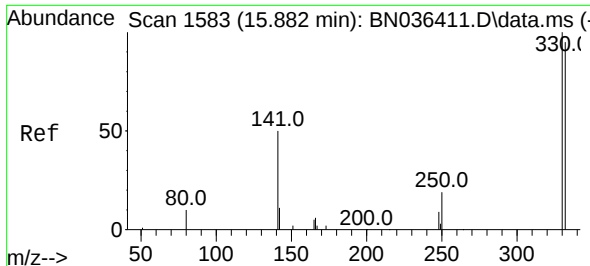
Tgt Ion:152 Resp: 574
Ion Ratio Lower Upper
152 100
151 26.0 16.6 25.0#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.011 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

Tgt Ion:164 Resp: 3005
Ion Ratio Lower Upper
164 100
162 105.8 84.1 126.1
160 55.7 41.4 62.0

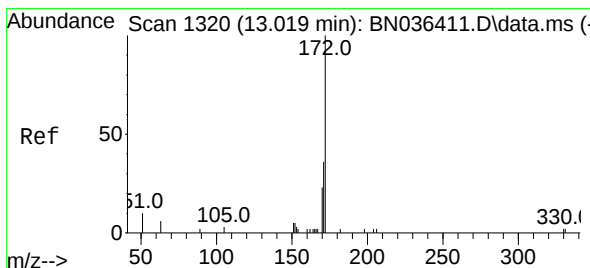
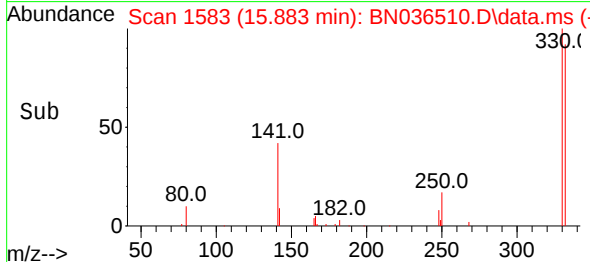
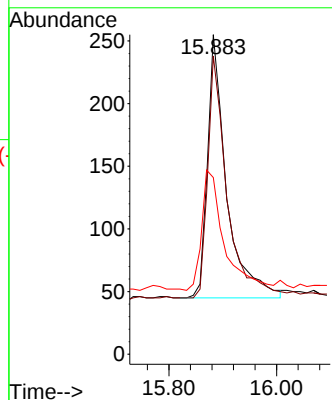
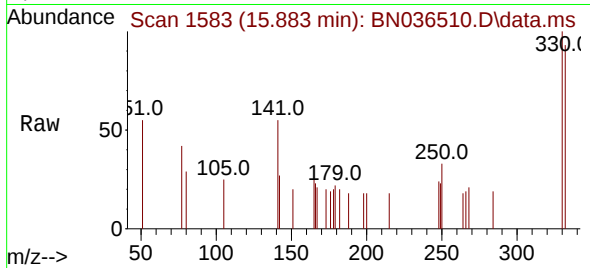




#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.883 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

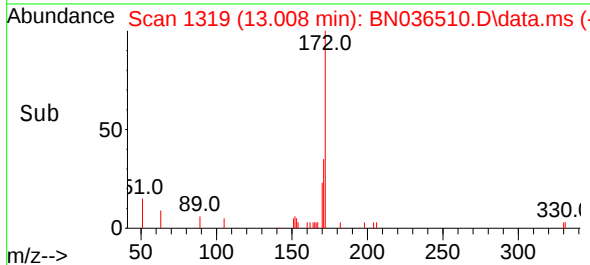
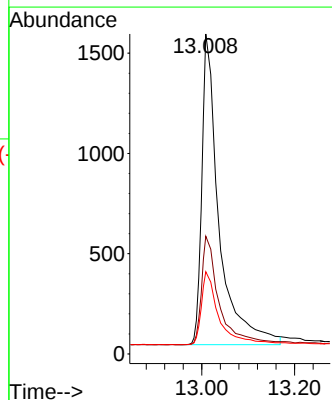
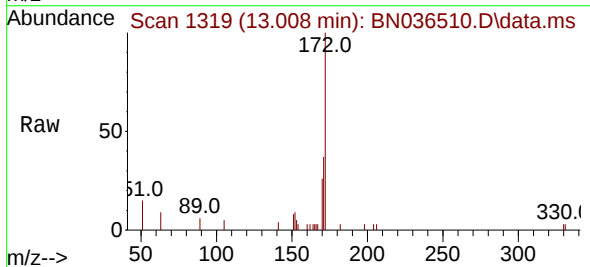
Instrument :
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ClientSampleId :
VPB-192-HYD-20250221

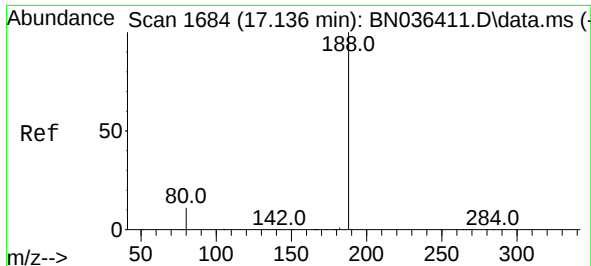
Tgt Ion:330 Resp: 516
Ion Ratio Lower Upper
330 100
332 93.8 76.6 114.8
141 51.9 37.8 56.8



#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

Tgt Ion:172 Resp: 3919
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 25.7 19.8 29.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036510.D

Acq: 26 Feb 2025 14:55

Instrument :

BNA_N

ClientSampleId :

VPB-192-HYD-20250221

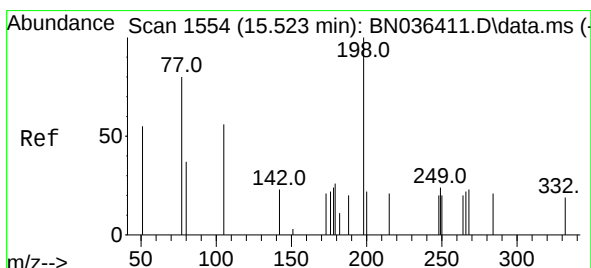
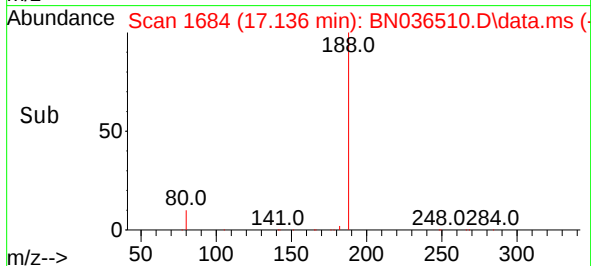
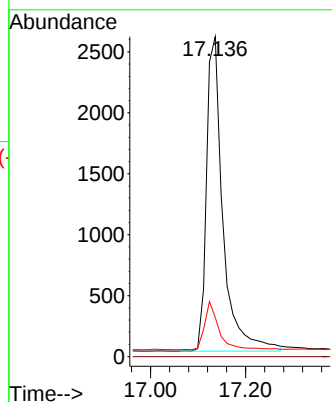
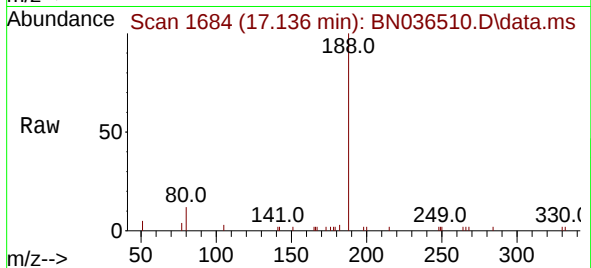
Tgt Ion:188 Resp: 6199

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 9.8 14.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.021 ng

RT: 15.499 min Scan# 1552

Delta R.T. -0.024 min

Lab File: BN036510.D

Acq: 26 Feb 2025 14:55

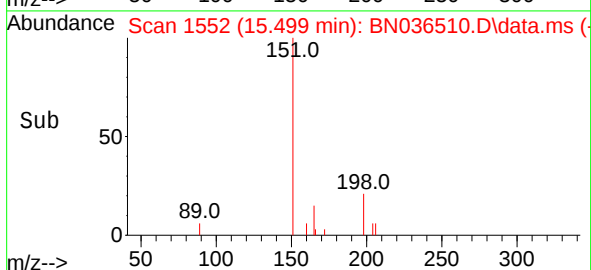
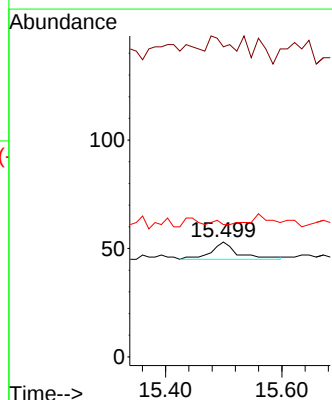
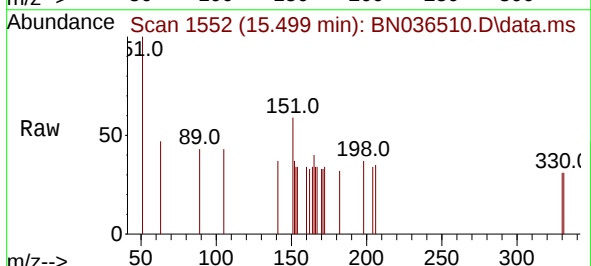
Tgt Ion:198 Resp: 26

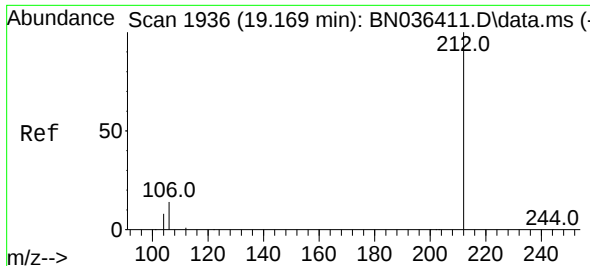
Ion Ratio Lower Upper

198 100

51 269.8 86.6 129.8#

105 115.1 57.5 86.3#

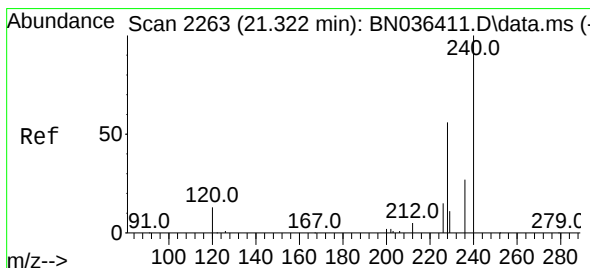
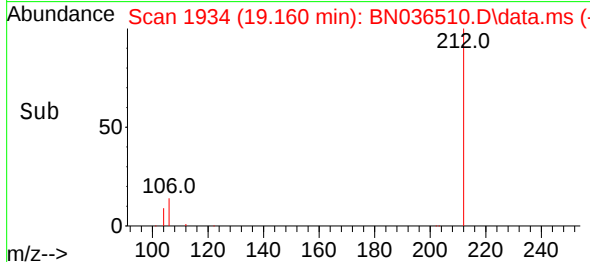
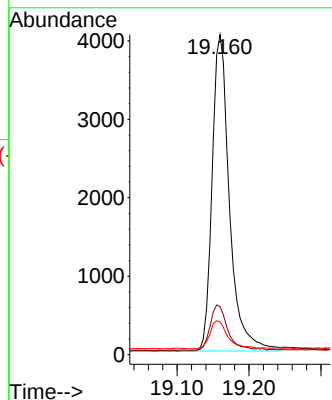
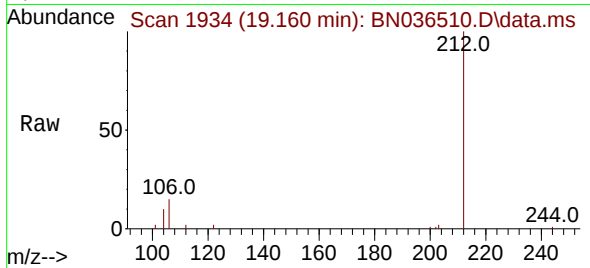




#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.160 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

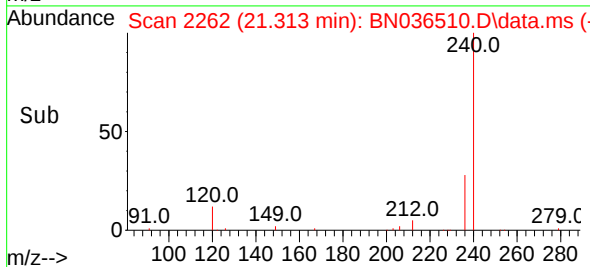
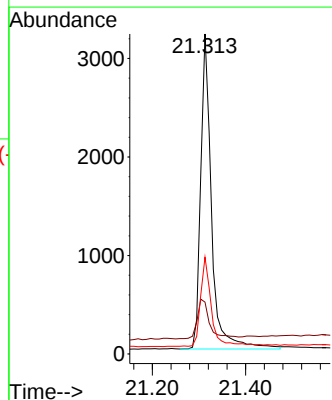
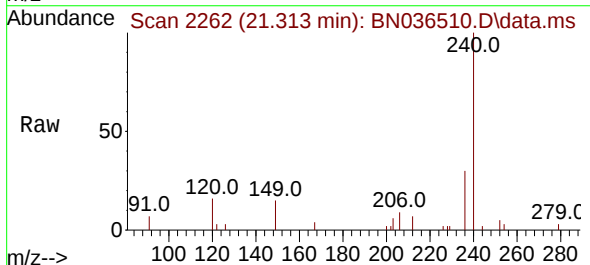
Instrument :
BNA_N
ClientSampleId :
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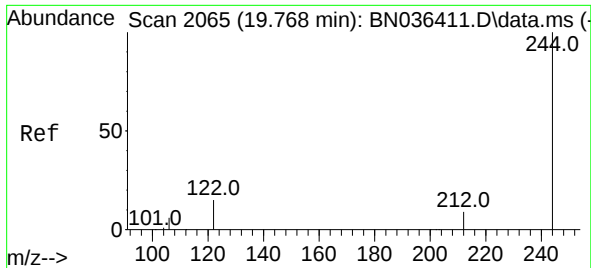
Tgt Ion:212 Resp: 6728
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 9.3 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

Tgt Ion:240 Resp: 5181
Ion Ratio Lower Upper
240 100
120 16.2 13.3 19.9
236 30.3 23.0 34.6

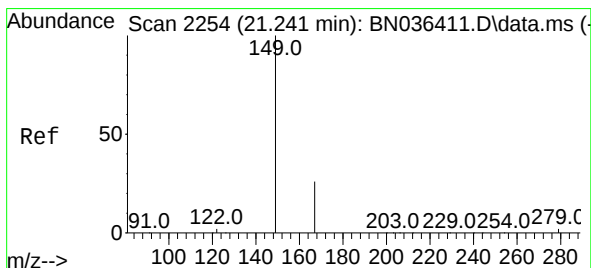
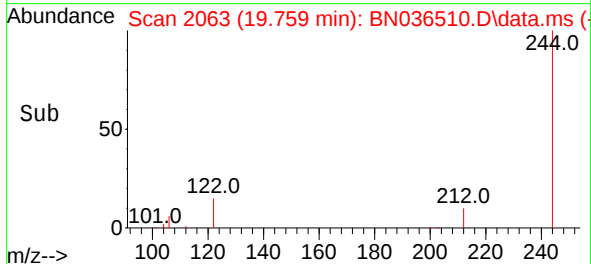
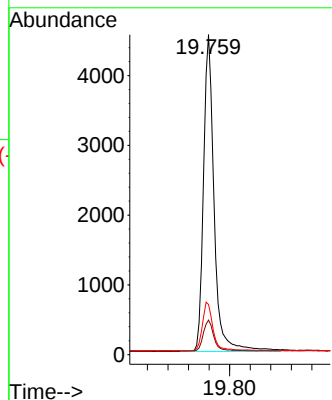
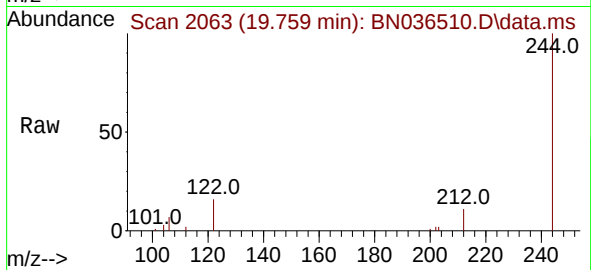




#31
 Terphenyl-d14
 Concen: 0.589 ng
 RT: 19.759 min Scan# 2063
 Delta R.T. -0.009 min
 Lab File: BN036510.D
 Acq: 26 Feb 2025 14:55

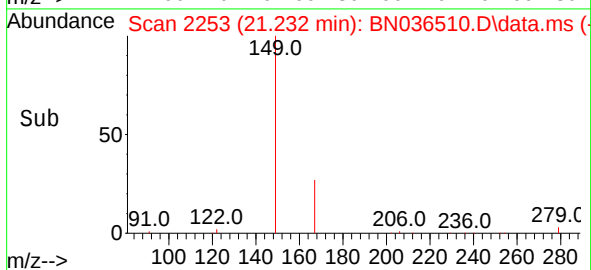
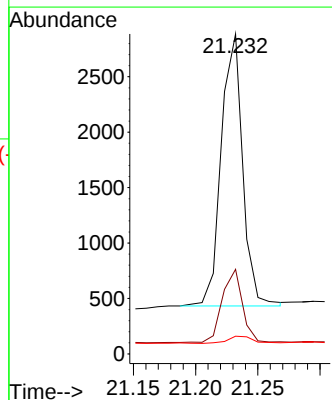
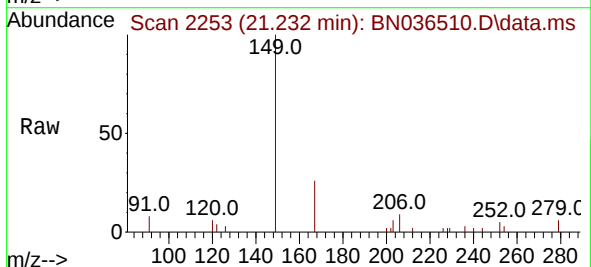
Instrument :
 BNA_N
 ClientSampleId :
 VPB-192-HYD-20250221

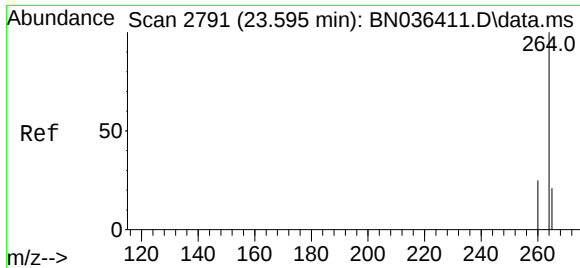
Tgt Ion:244 Resp: 6510
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.1 12.1
 122 15.7 12.8 19.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.277 ng
 RT: 21.232 min Scan# 2253
 Delta R.T. -0.009 min
 Lab File: BN036510.D
 Acq: 26 Feb 2025 14:55

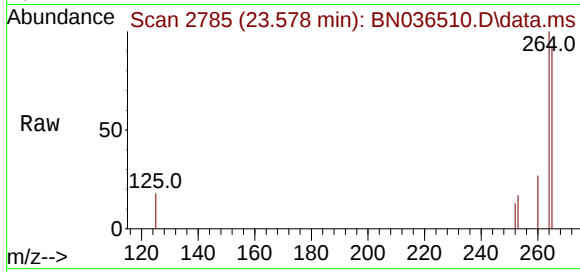
Tgt Ion:149 Resp: 2947
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.2 31.8
 279 3.1 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.578 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036510.D
Acq: 26 Feb 2025 14:55

Instrument :
BNA_N
ClientSampleId :
VPB-192-HYD-20250221



Tgt Ion:264 Resp: 4672

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.9	31.3
265	92.3	60.7	91.1#

