

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022025\
 Data File : BN036475.D
 Acq On : 20 Feb 2025 11:24
 Operator : RC/JU
 Sample : Q1380-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-EB-20250212

Quant Time: Feb 21 00:09:41 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)

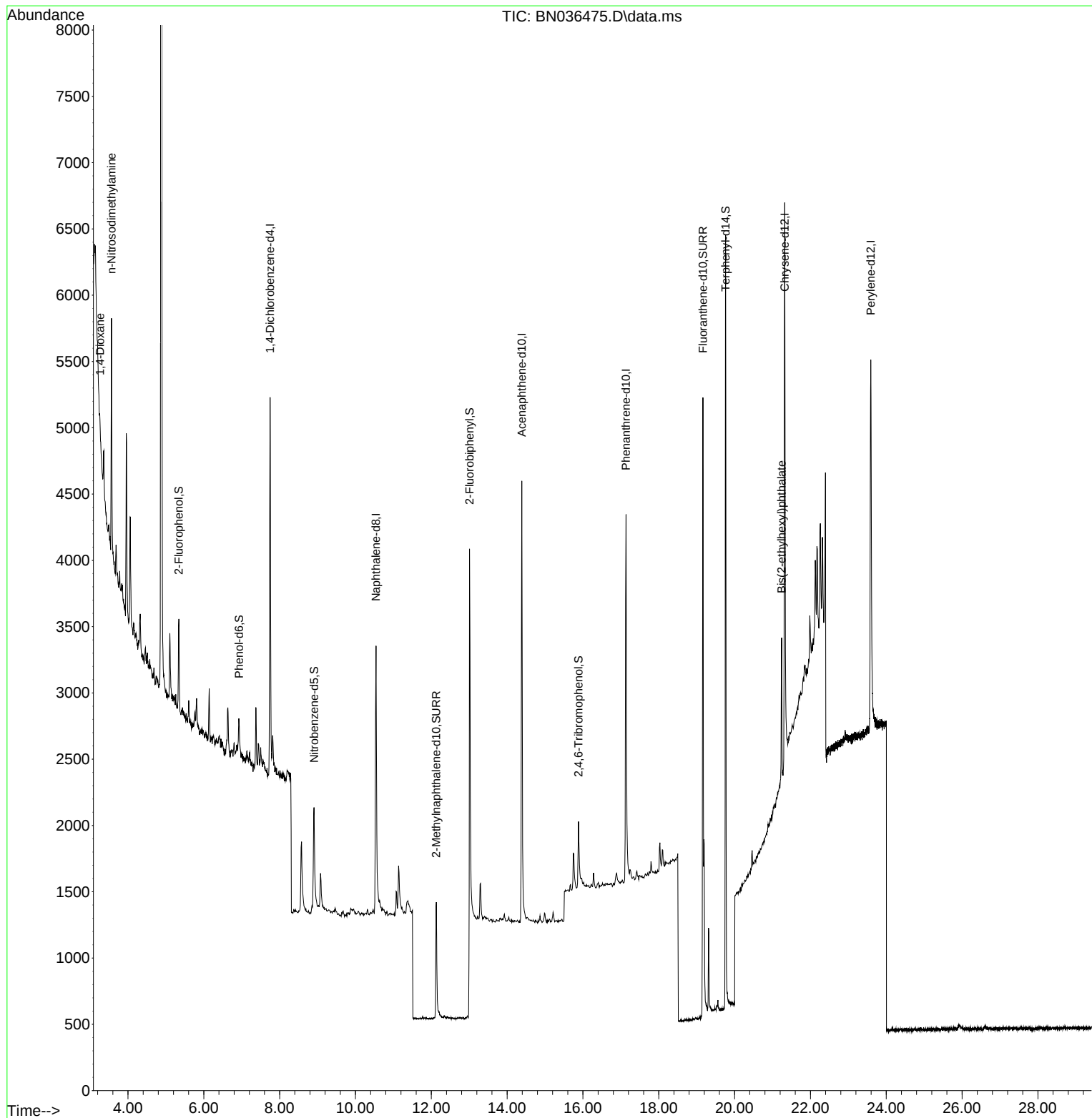
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	1491	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	3323	0.400	ng	0.00
13) Acenaphthene-d10	14.388	164	2119	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	4759	0.400	ng	0.00
29) Chrysene-d12	21.322	240	4677	0.400	ng	0.00
35) Perylene-d12	23.592	264	4457	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	488	0.138	ng	0.00
5) Phenol-d6	6.930	99	321	0.078	ng	0.00
8) Nitrobenzene-d5	8.907	82	997	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.131	152	1557	0.305	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	365	0.347	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	3049	0.383	ng	-0.01
27) Fluoranthene-d10	19.164	212	5702	0.431	ng	0.00
31) Terphenyl-d14	19.764	244	5814	0.582	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.261	88	51	0.031	ng	# 18
3) n-Nitrosodimethylamine	3.564	42	173	0.061	ng	# 9
34) Bis(2-ethylhexyl)phtha...	21.241	149	1068	0.111	ng	99

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

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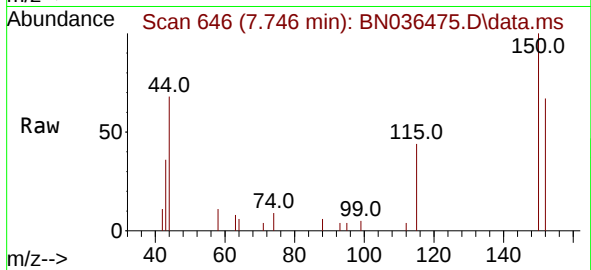
Quant Time: Feb 21 00:09:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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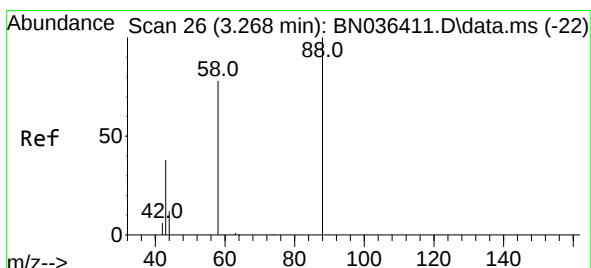
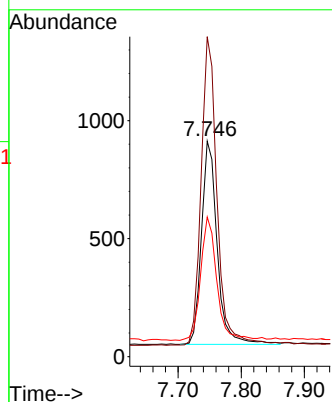
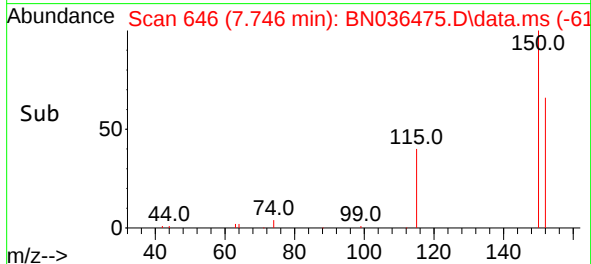


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.746 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036475.D
 Acq: 20 Feb 2025 11:24

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-EB-20250212

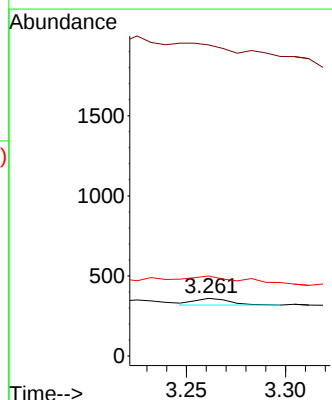
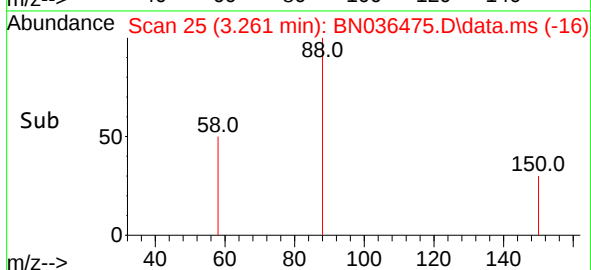
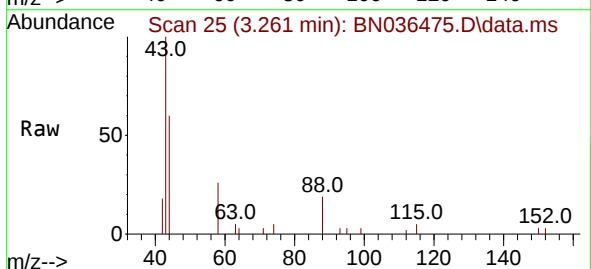


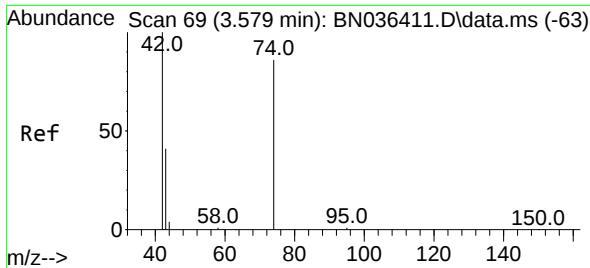
Tgt Ion:152 Resp: 1491
 Ion Ratio Lower Upper
 152 100
 150 148.5 123.7 185.5
 115 64.8 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.031 ng
 RT: 3.261 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN036475.D
 Acq: 20 Feb 2025 11:24

Tgt Ion: 88 Resp: 51
 Ion Ratio Lower Upper
 88 100
 43 0.0 33.7 50.5#
 58 168.6 68.9 103.3#

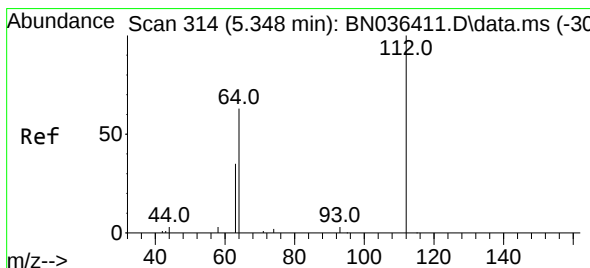
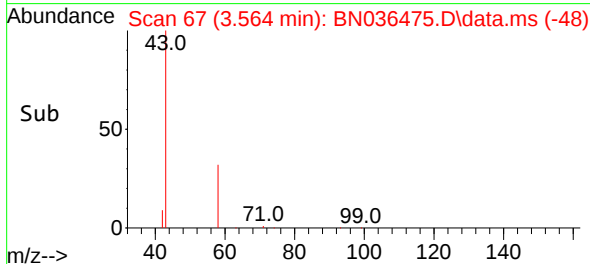
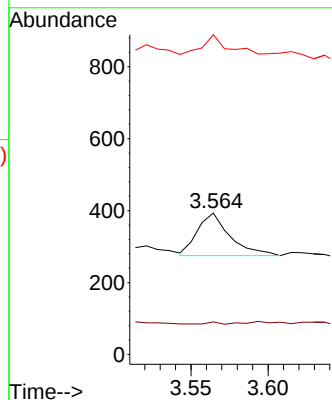
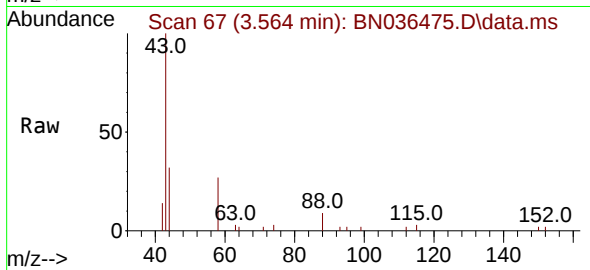




#3
n-Nitrosodimethylamine
Concen: 0.061 ng
RT: 3.564 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

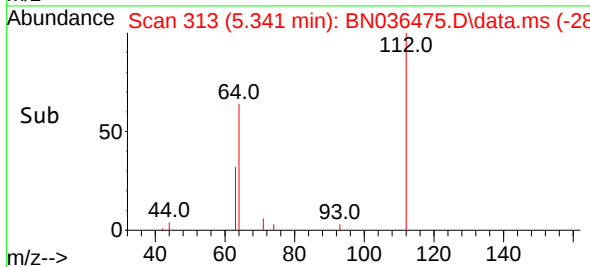
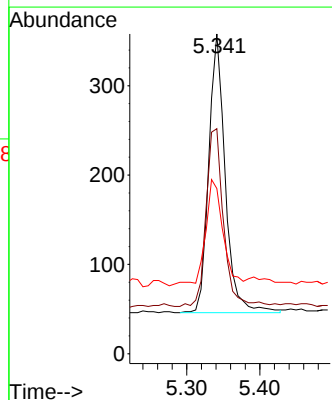
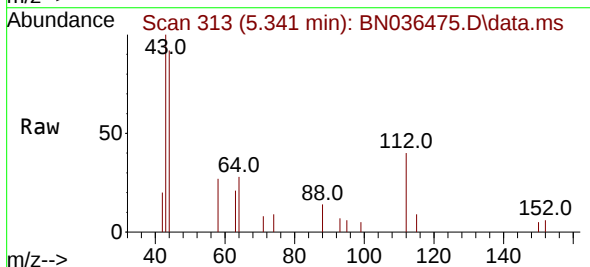
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250212

Tgt Ion: 42 Resp: 173
Ion Ratio Lower Upper
42 100
74 1.7 71.8 107.6#
44 33.5 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

Tgt Ion: 112 Resp: 488
Ion Ratio Lower Upper
112 100
64 67.4 53.4 80.0
63 40.8 30.3 45.5

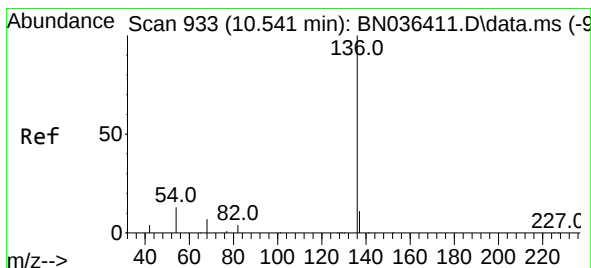
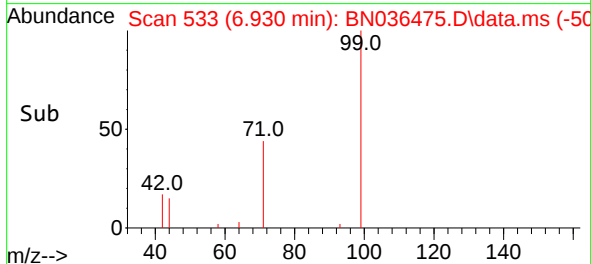
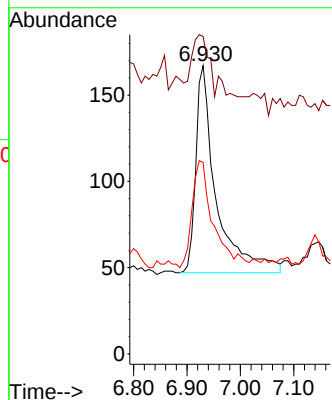
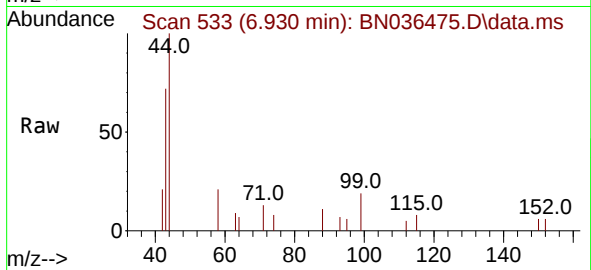




#5
Phenol-d6
Concen: 0.078 ng
RT: 6.930 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

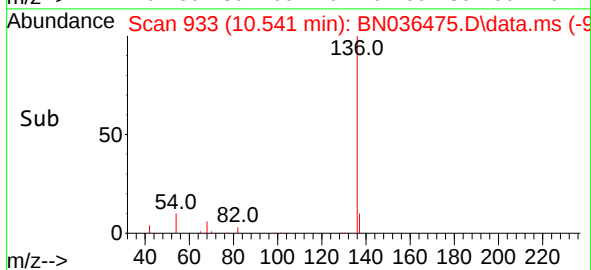
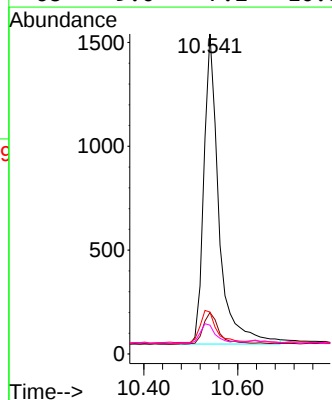
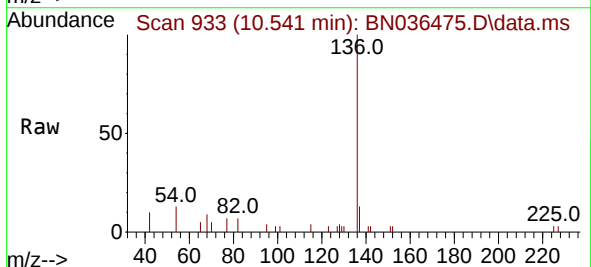
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250212

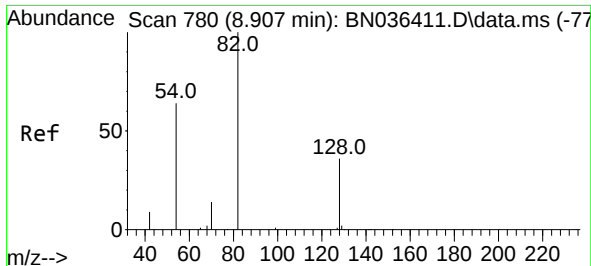
Tgt Ion: 99 Resp: 321
Ion Ratio Lower Upper
99 100
42 27.7 21.7 32.5
71 53.3 32.6 49.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

Tgt Ion: 136 Resp: 3323
Ion Ratio Lower Upper
136 100
137 13.0 10.1 15.1
54 13.1 11.8 17.6
68 9.0 7.2 10.8

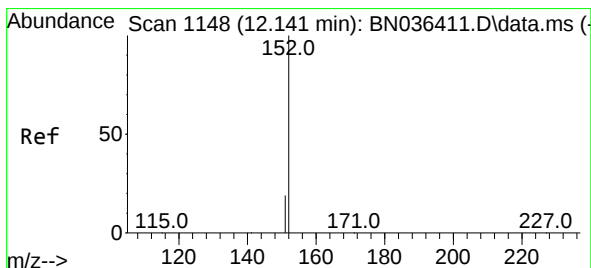
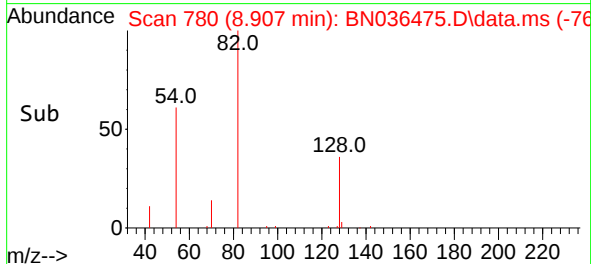
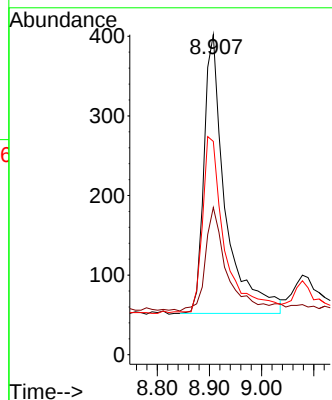
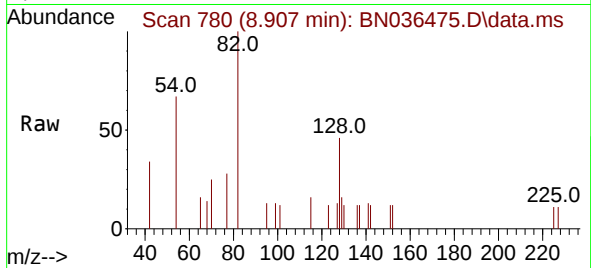




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

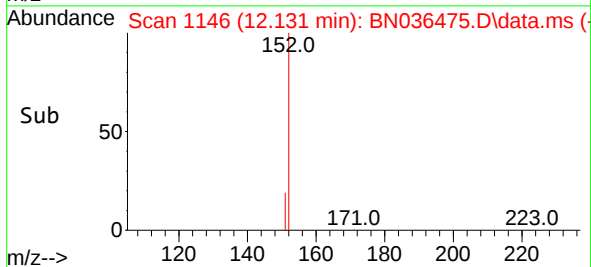
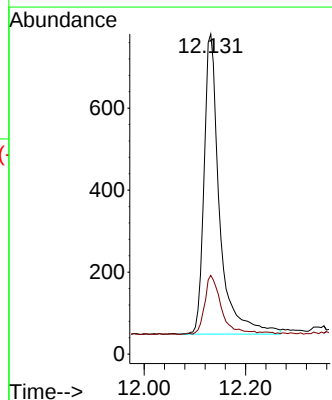
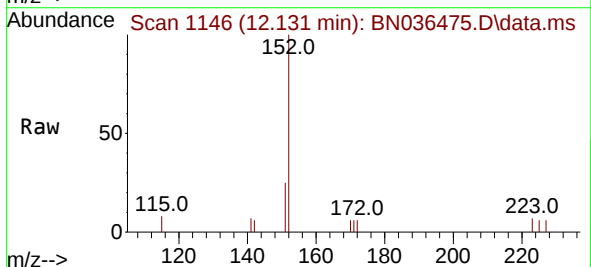
Instrument :
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ClientSampleId :
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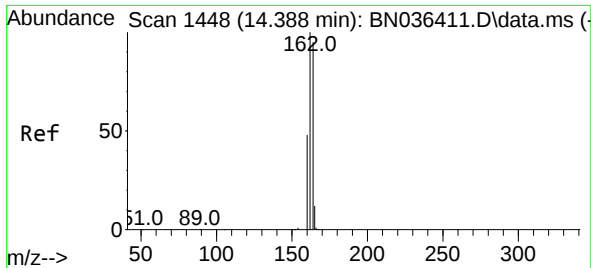
Tgt Ion:	82	Resp:	997
Ion	Ratio	Lower	Upper
82	100		
128	46.0	31.9	47.9
54	66.7	53.1	79.7



#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 12.131 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

Tgt Ion:	152	Resp:	1557
Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.6	25.0

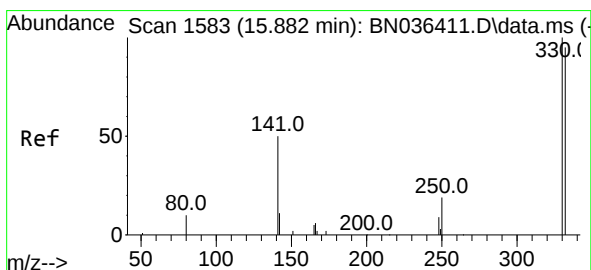
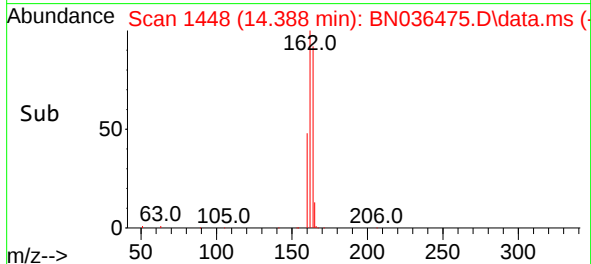
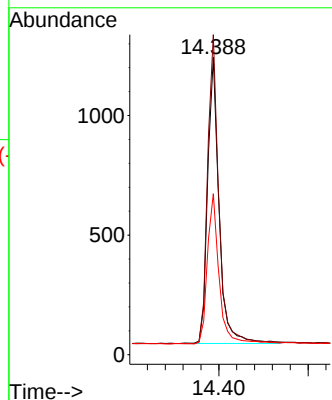
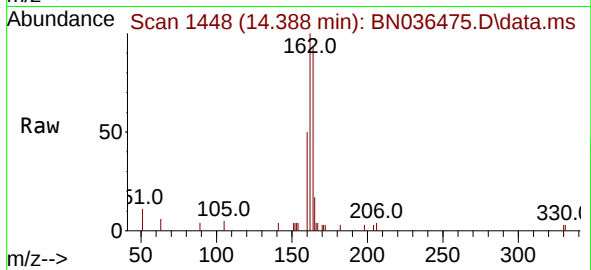




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

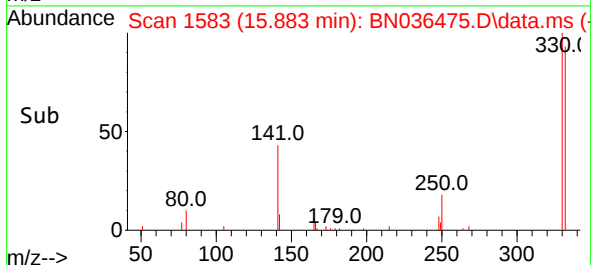
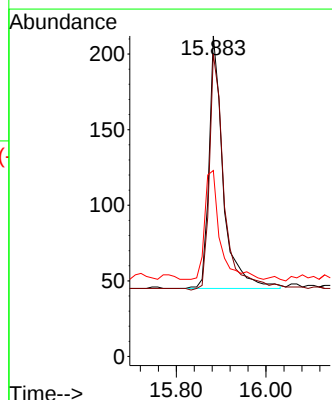
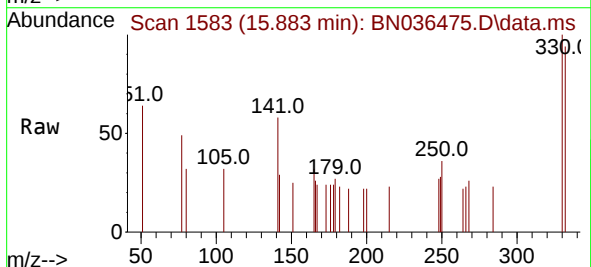
Instrument :
BNA_N
ClientSampleId :
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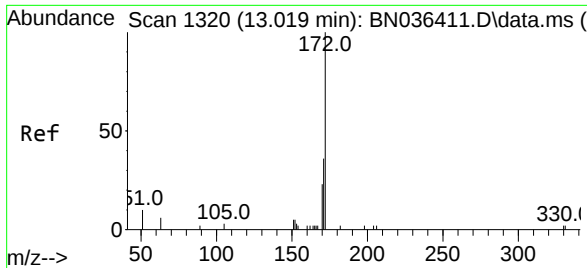
Tgt Ion:164 Resp: 2119
Ion Ratio Lower Upper
164 100
162 107.6 84.1 126.1
160 54.1 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.883 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

Tgt Ion:330 Resp: 365
Ion Ratio Lower Upper
330 100
332 97.8 76.6 114.8
141 46.0 37.8 56.8

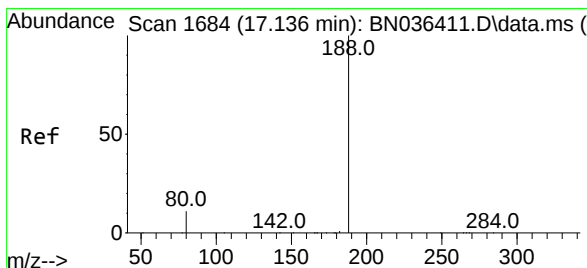
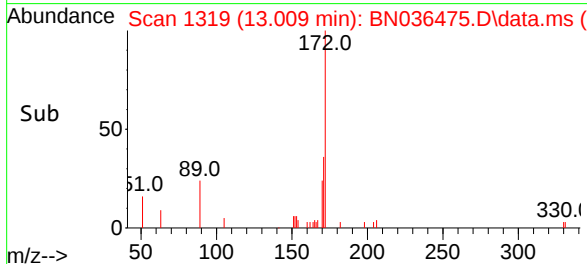
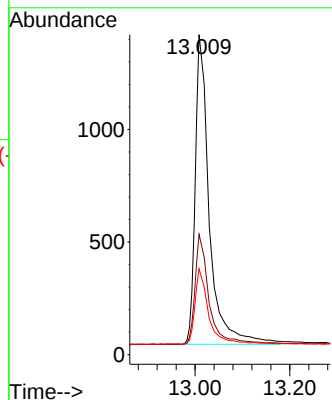
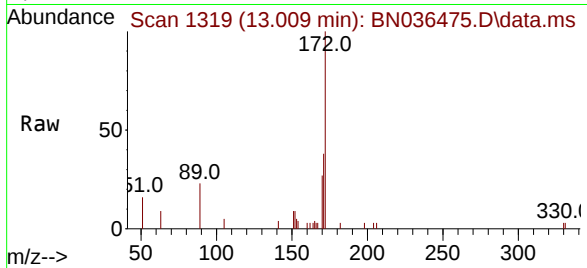




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.009 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

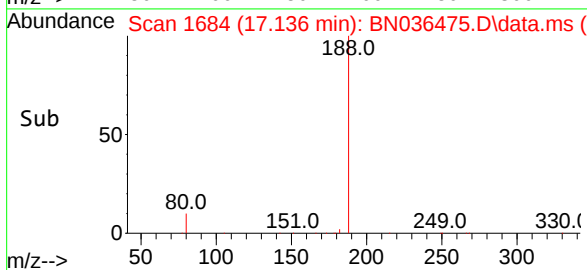
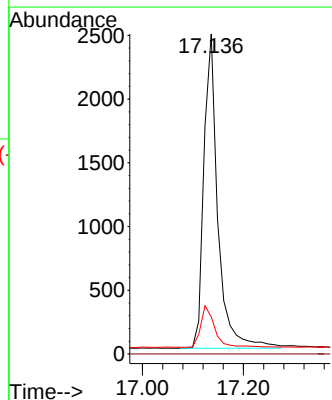
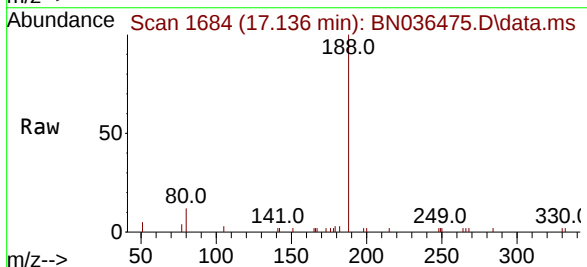
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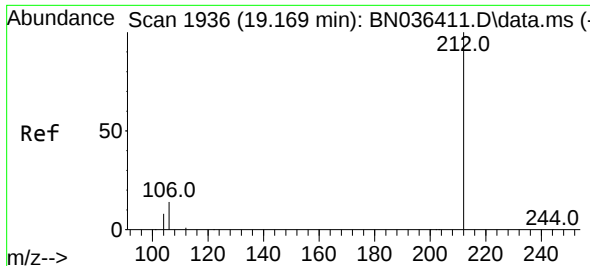
Tgt Ion:172	Resp:	3049
Ion Ratio	Lower	Upper
172	100	
171	37.6	29.6 44.4
170	26.8	19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

Tgt Ion:188	Resp:	4759
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.6	9.8 14.6

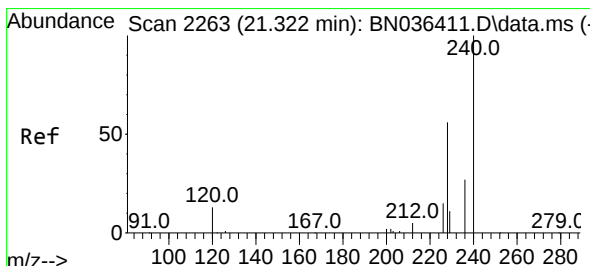
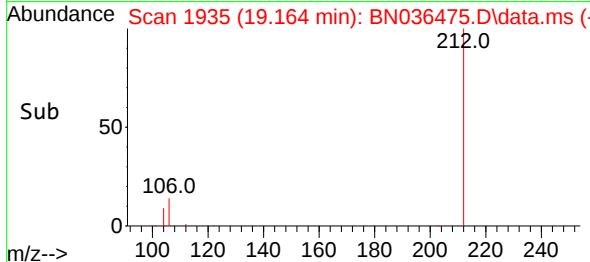
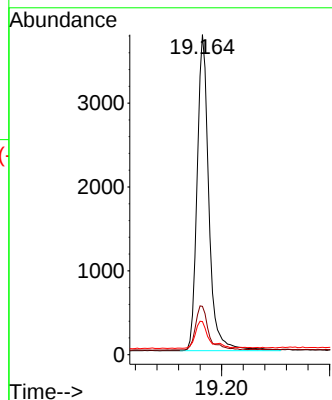
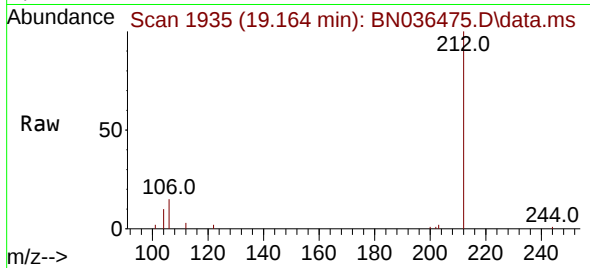




#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.164 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

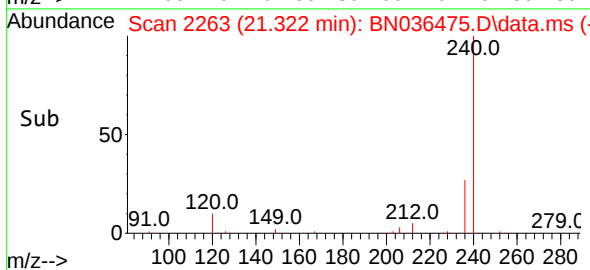
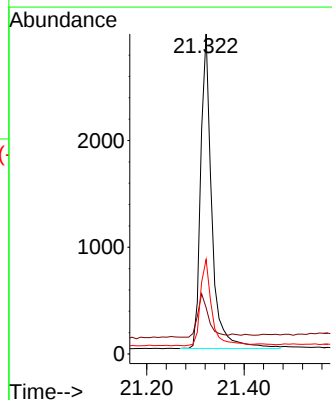
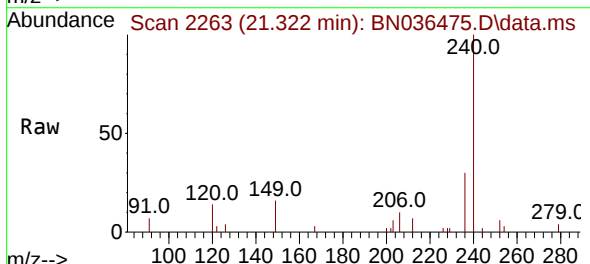
Instrument :
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BP-VPB-192-EB-20250212

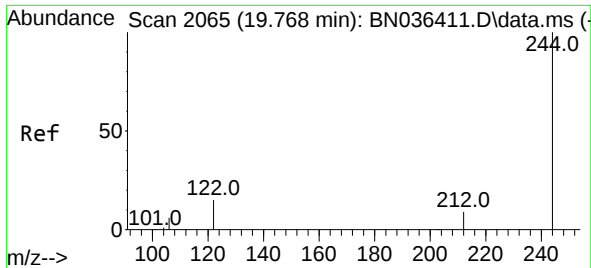
Tgt Ion:212 Resp: 5702
Ion Ratio Lower Upper
212 100
106 15.5 11.5 17.3
104 8.8 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BN036475.D
Acq: 20 Feb 2025 11:24

Tgt Ion:240 Resp: 4677
Ion Ratio Lower Upper
240 100
120 14.4 13.3 19.9
236 29.5 23.0 34.6

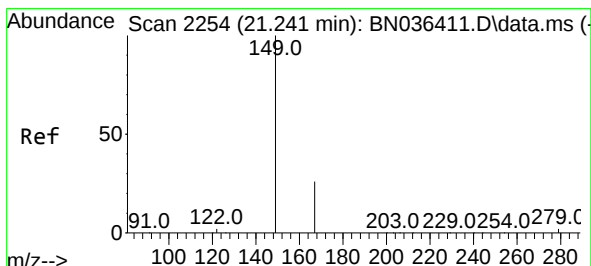
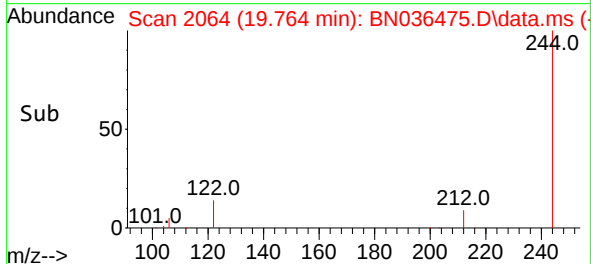
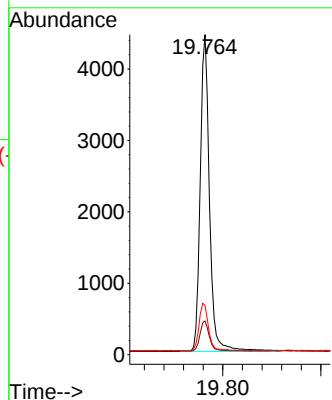
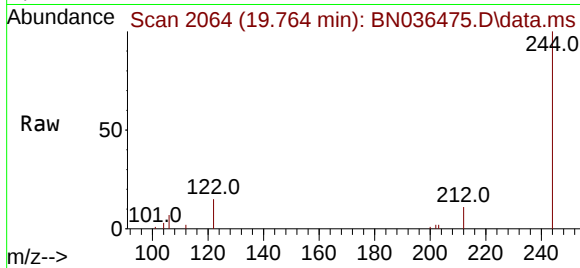




#31
 Terphenyl-d14
 Concen: 0.582 ng
 RT: 19.764 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN036475.D
 Acq: 20 Feb 2025 11:24

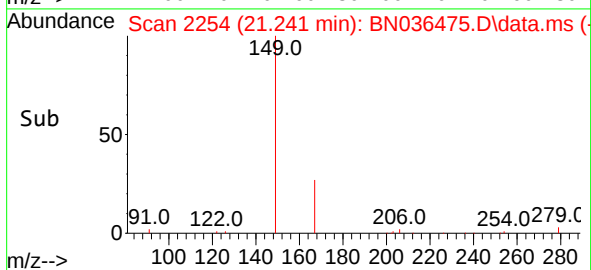
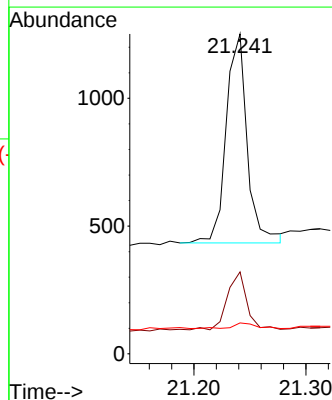
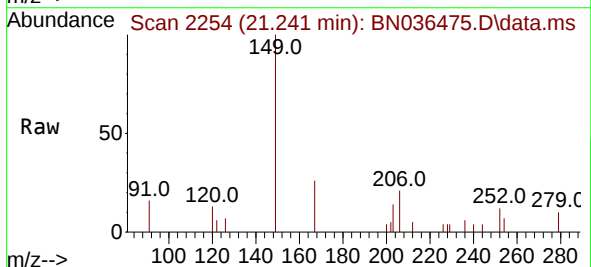
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-EB-20250212

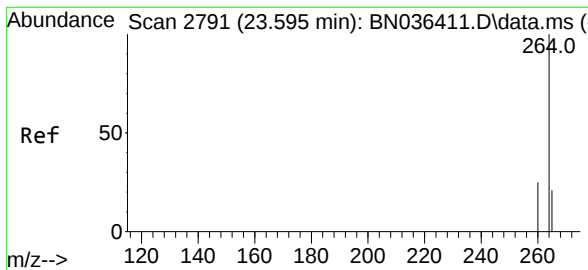
Tgt Ion:244	Resp:	5814
Ion Ratio	Lower	Upper
244	100	
212	10.6	8.1 12.1
122	15.4	12.8 19.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.241 min Scan# 2254
 Delta R.T. 0.000 min
 Lab File: BN036475.D
 Acq: 20 Feb 2025 11:24

Tgt Ion:149	Resp:	1068
Ion Ratio	Lower	Upper
149	100	
167	25.8	21.2 31.8
279	3.0	2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.592 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN036475.D

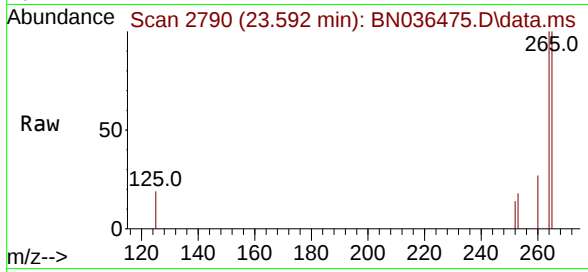
Acq: 20 Feb 2025 11:24

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-EB-20250212



Tgt Ion:264 Resp: 4457

Ion Ratio Lower Upper

264 100

260 26.8 20.9 31.3

265 100.0 60.7 91.1#

