

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036609.D
 Acq On : 14 Mar 2025 16:11
 Operator : RC/JU
 Sample : Q1557-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-20250312

Quant Time: Mar 14 17:07:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

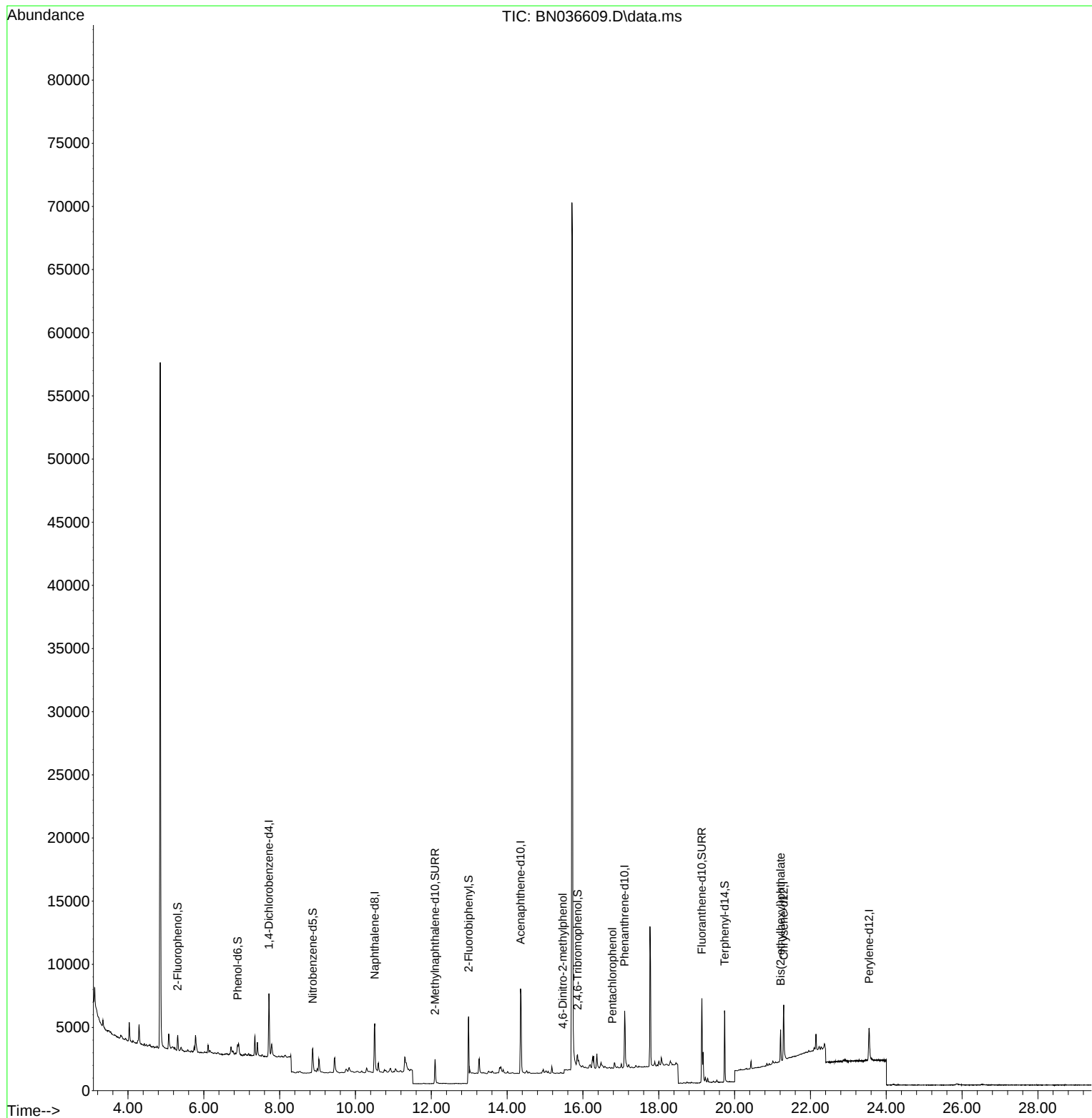
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2352	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5638	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	3373	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	6644	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	4660	0.400	ng	0.00
35) Perylene-d12	23.545	264	3938	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	833	0.152	ng	0.00
5) Phenol-d6	6.894	99	571	0.084	ng	0.00
8) Nitrobenzene-d5	8.875	82	1958	0.319	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2856	0.341	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	593	0.387	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	7300	0.372	ng	0.00
27) Fluoranthene-d10	19.136	212	7553	0.444	ng	0.00
31) Terphenyl-d14	19.736	244	5394	0.483	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.467	198	12	0.153	ng	# 1
24) Pentachlorophenol	16.776	266	50	0.022	ng	90
34) Bis(2-ethylhexyl)phtha...	21.214	149	2496	0.216	ng	# 97

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

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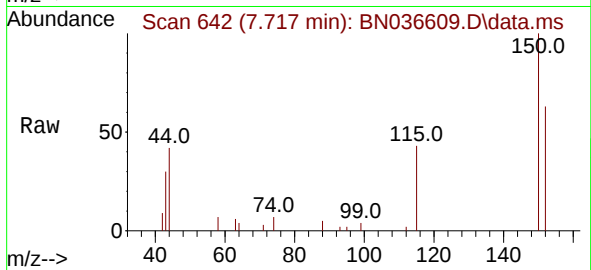
Quant Time: Mar 14 17:07:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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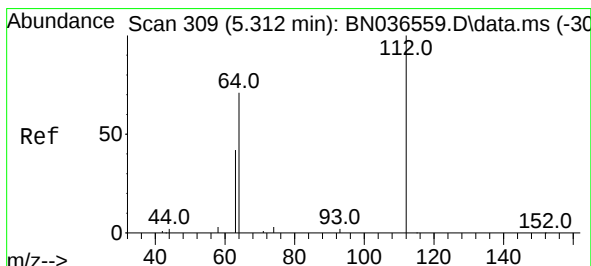
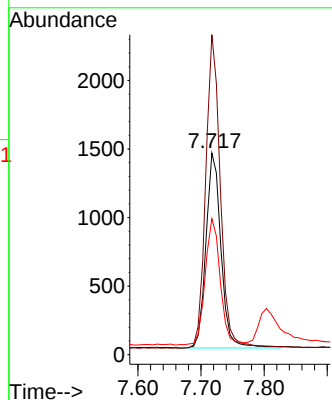
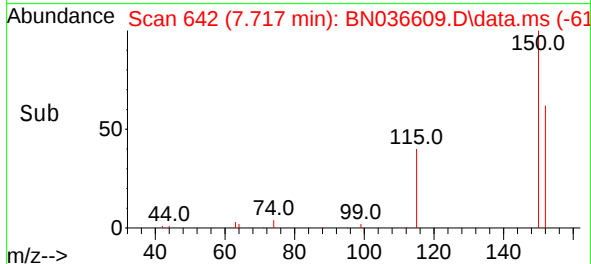


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 643
Delta R.T. -0.007 min
Lab File: BN036609.D
Acq: 14 Mar 2025 16:11

Instrument :
BNA_N
ClientSampleId :
BPOW6-7-20250312

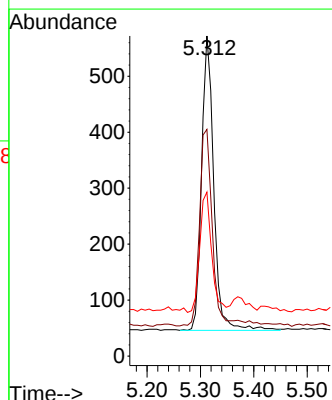
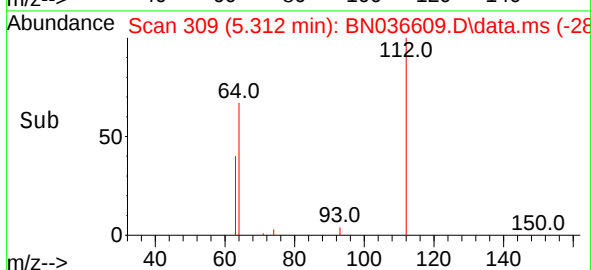
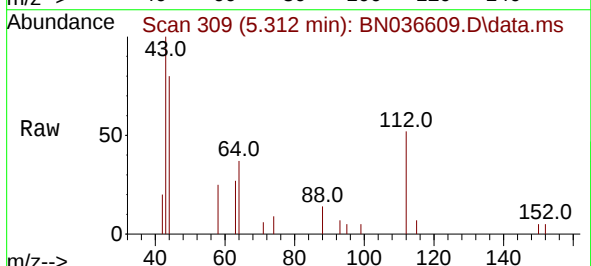


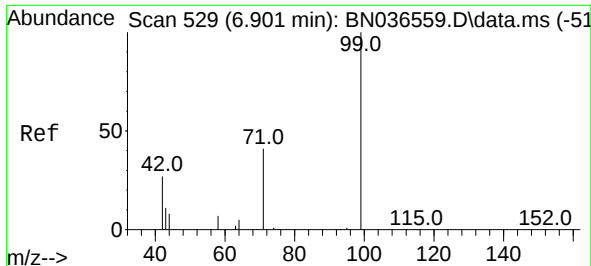
Tgt Ion:152 Resp: 2352
Ion Ratio Lower Upper
152 100
150 158.8 123.7 185.5
115 67.5 54.3 81.5



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036609.D
Acq: 14 Mar 2025 16:11

Tgt Ion:112 Resp: 833
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 40.1 31.8 47.8

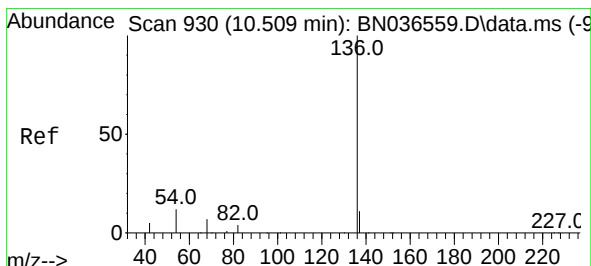
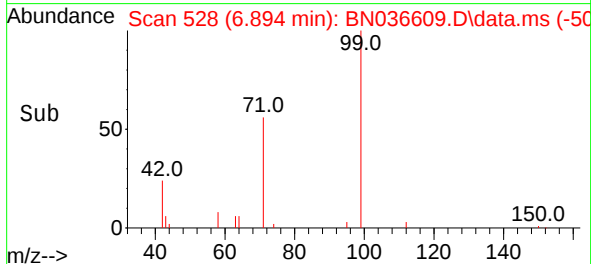
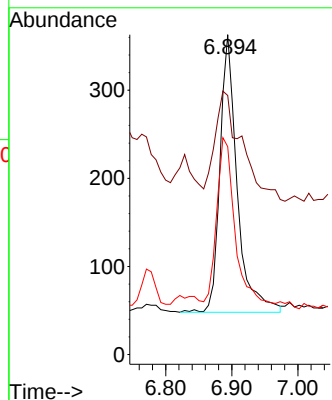
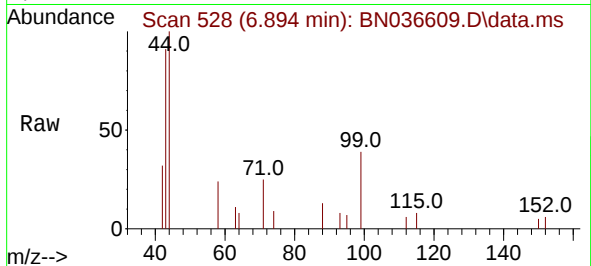




#5
Phenol-d6
Concen: 0.084 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036609.D
Acq: 14 Mar 2025 16:11

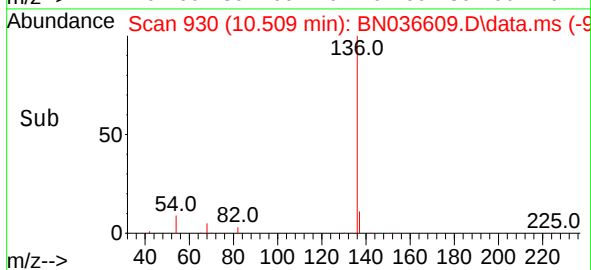
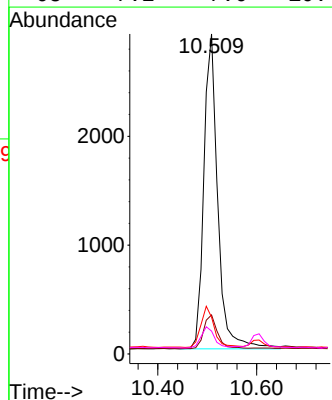
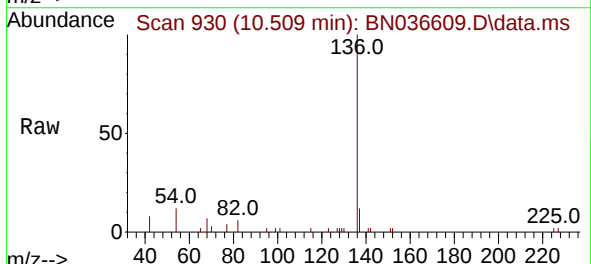
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-20250312

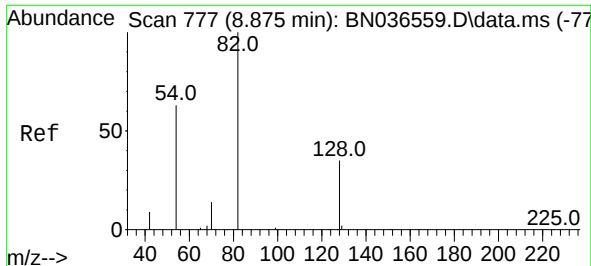
Tgt Ion: 99 Resp: 571
Ion Ratio Lower Upper
99 100
42 62.0 26.5 39.7#
71 61.8 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036609.D
Acq: 14 Mar 2025 16:11

Tgt Ion: 136 Resp: 5638
Ion Ratio Lower Upper
136 100
137 12.2 10.3 15.5
54 11.5 11.5 17.3
68 7.2 7.0 10.4

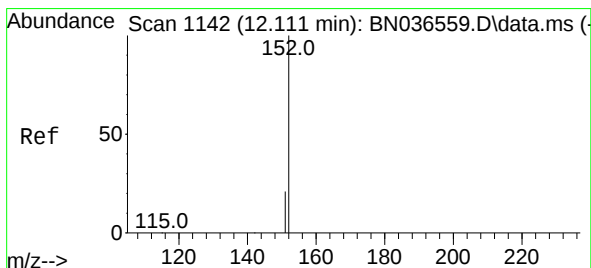
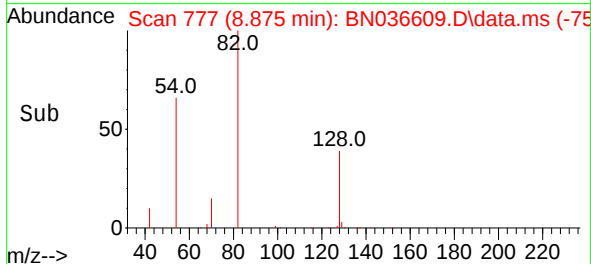
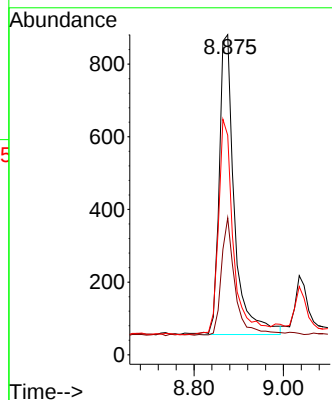
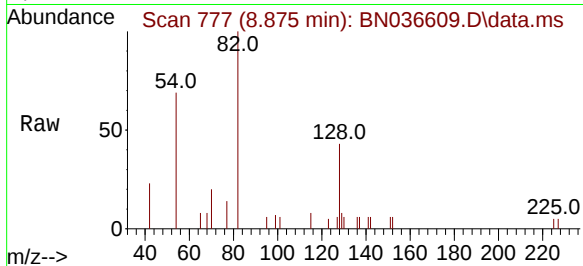




#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036609.D
Acq: 14 Mar 2025 16:11

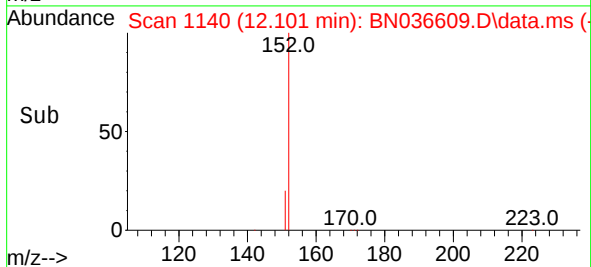
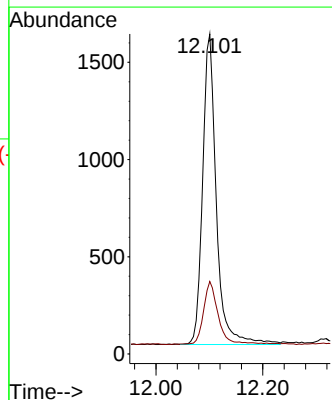
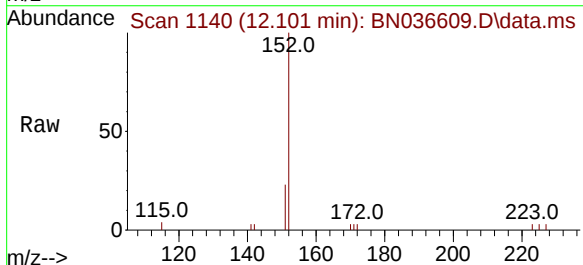
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-20250312

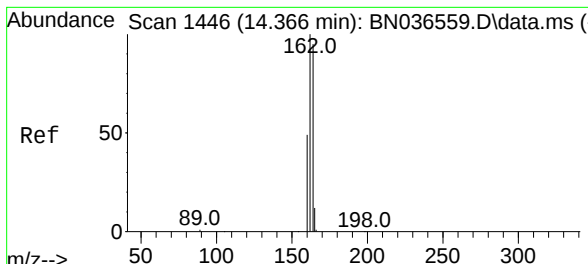
Tgt Ion: 82 Resp: 1958
Ion Ratio Lower Upper
82 100
128 42.8 30.6 45.8
54 68.6 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.010 min
Lab File: BN036609.D
Acq: 14 Mar 2025 16:11

Tgt Ion: 152 Resp: 2856
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6



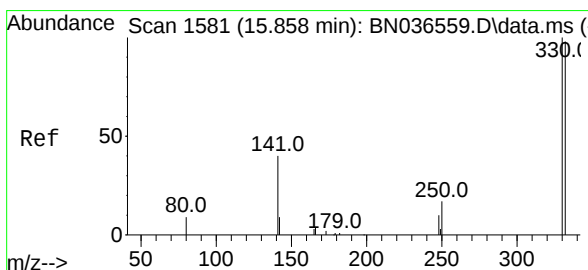
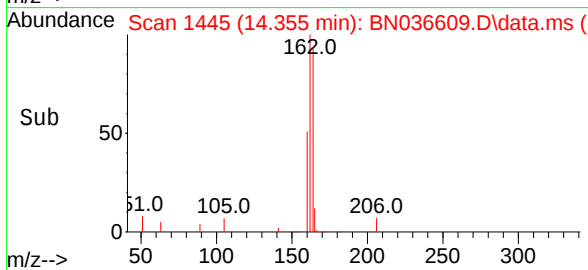
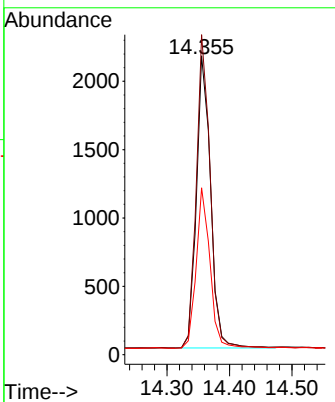
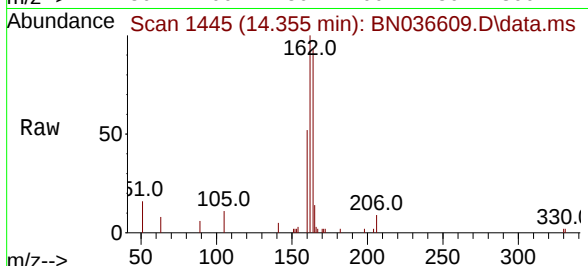


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.355 min Scan# 1445
 Delta R.T. -0.011 min
 Lab File: BN036609.D
 Acq: 14 Mar 2025 16:11

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-20250312

Tgt Ion:164 Resp: 3373

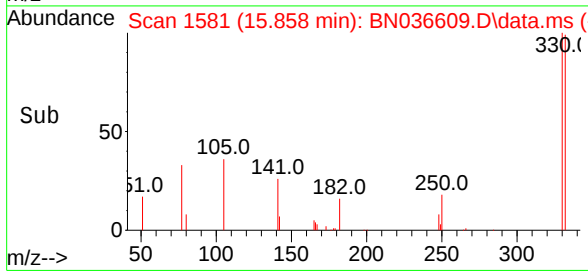
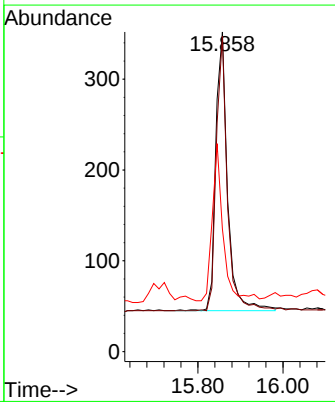
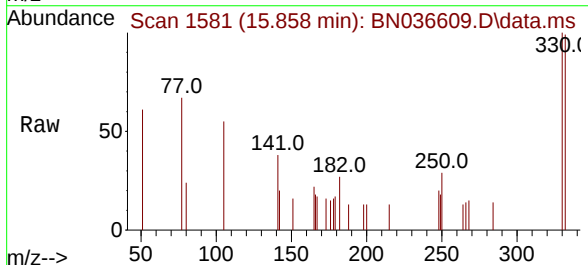
Ion	Ratio	Lower	Upper
164	100		
162	107.1	84.2	126.2
160	55.9	42.2	63.2

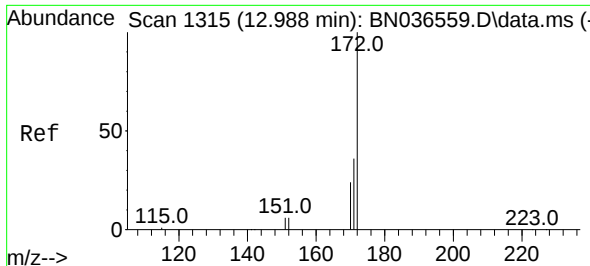


#14
 2,4,6-Tribromophenol
 Concen: 0.387 ng
 RT: 15.858 min Scan# 1581
 Delta R.T. 0.000 min
 Lab File: BN036609.D
 Acq: 14 Mar 2025 16:11

Tgt Ion:330 Resp: 593

Ion	Ratio	Lower	Upper
330	100		
332	92.1	75.2	112.8
141	51.3	43.4	65.2





#15

2-Fluorobiphenyl

Concen: 0.372 ng

RT: 12.983 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BN036609.D

Acq: 14 Mar 2025 16:11

Instrument :

BNA_N

ClientSampleId :

BPOW6-7-20250312

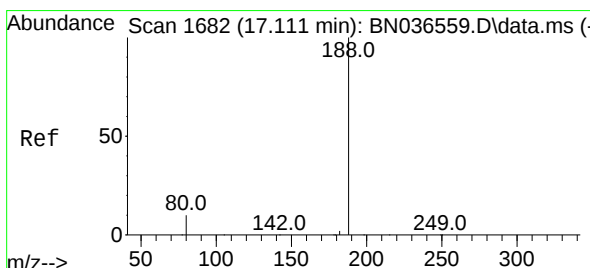
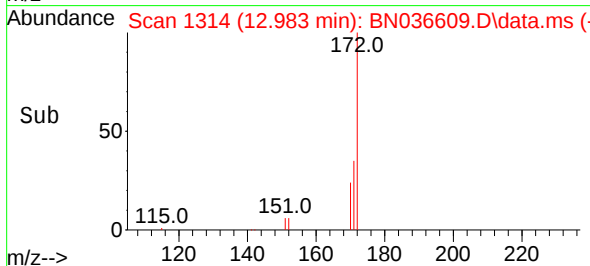
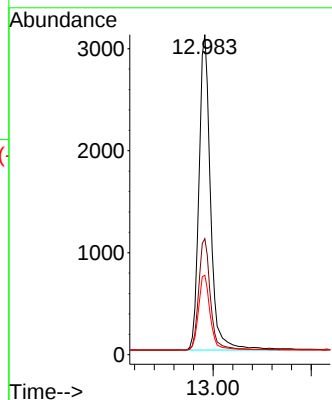
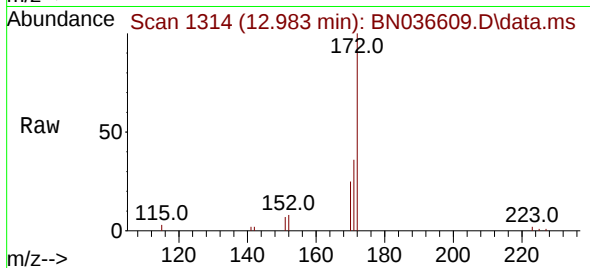
Tgt Ion:172 Resp: 7300

Ion Ratio Lower Upper

172 100

171 36.3 29.5 44.3

170 24.9 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1681

Delta R.T. -0.012 min

Lab File: BN036609.D

Acq: 14 Mar 2025 16:11

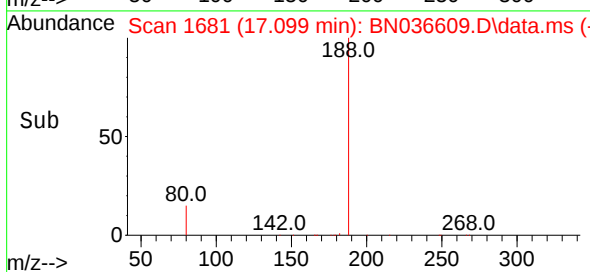
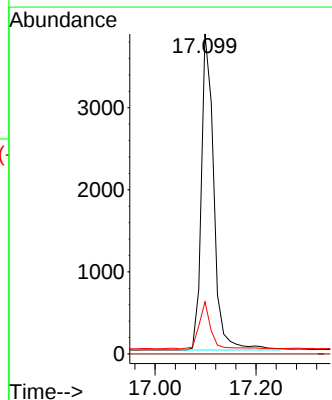
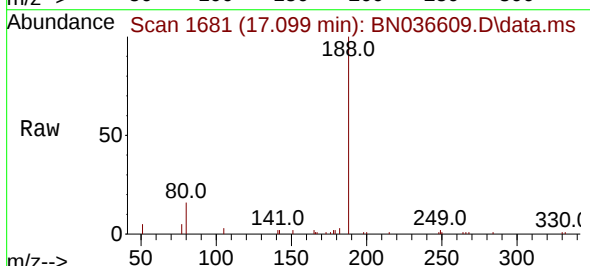
Tgt Ion:188 Resp: 6644

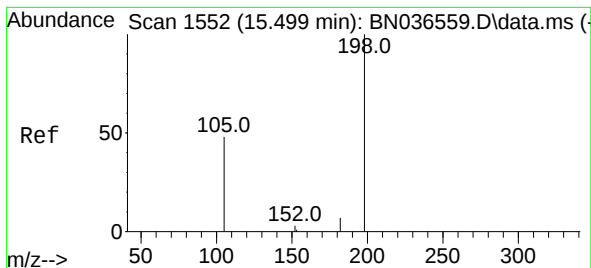
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.3 8.8 13.2#

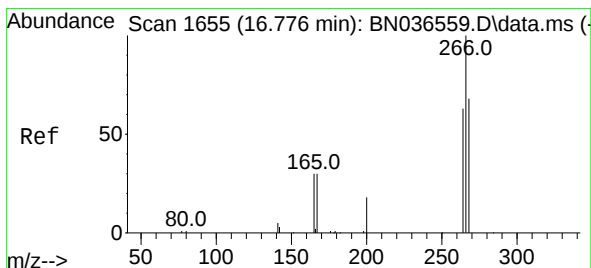
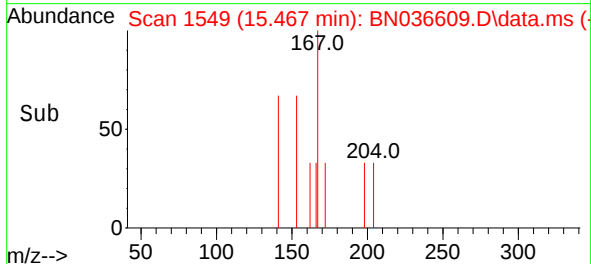
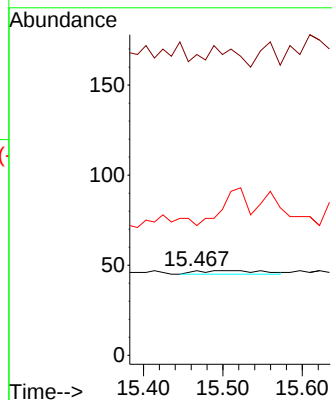
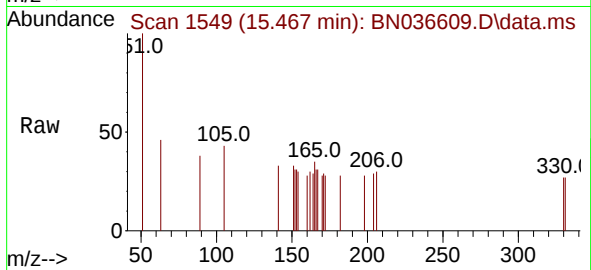




#20
4,6-Dinitro-2-methylphenol
Concen: 0.153 ng
RT: 15.467 min Scan# 1549
Delta R.T. -0.032 min
Lab File: BN036609.D
Acq: 14 Mar 2025 16:11

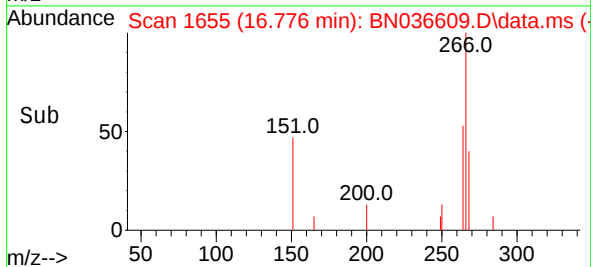
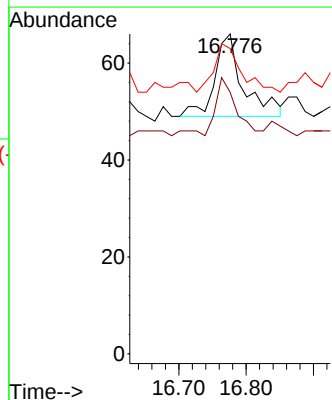
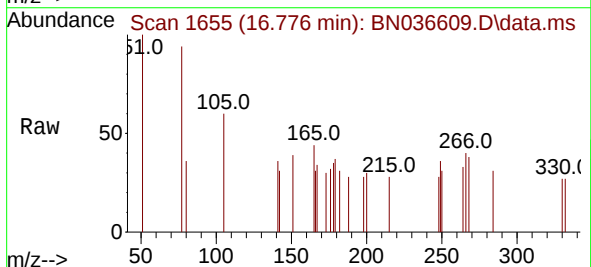
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-20250312

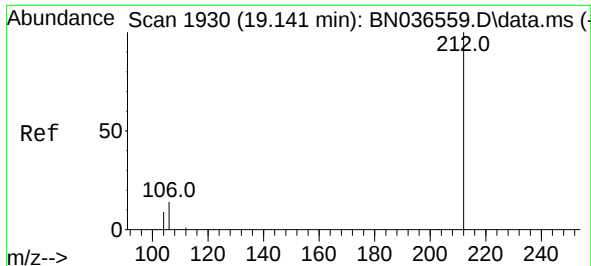
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 355.3 107.9 161.9#
105 153.2 56.2 84.2#



#24
Pentachlorophenol
Concen: 0.022 ng
RT: 16.776 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BN036609.D
Acq: 14 Mar 2025 16:11

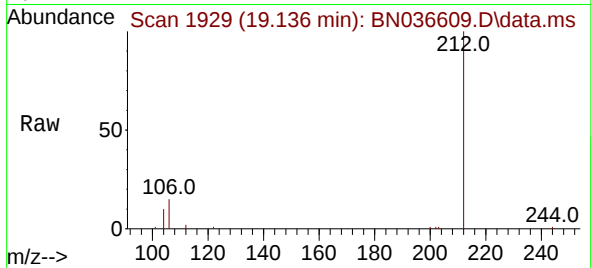
Tgt Ion:266 Resp: 50
Ion Ratio Lower Upper
266 100
264 54.0 49.6 74.4
268 56.0 50.9 76.3



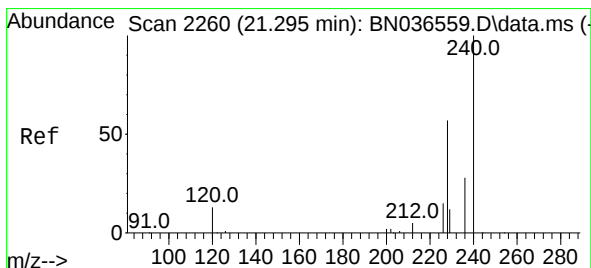
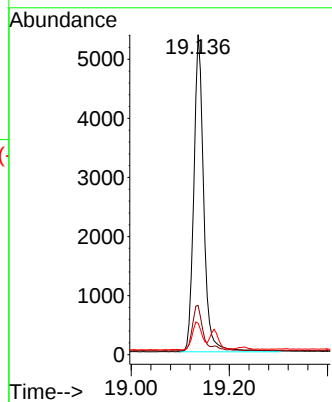
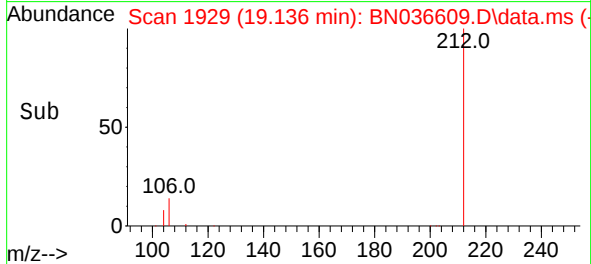


#27
Fluoranthene-d10
Concen: 0.444 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036609.D
Acq: 14 Mar 2025 16:11

Instrument :
BNA_N
ClientSampleId :
BPOW6-7-20250312

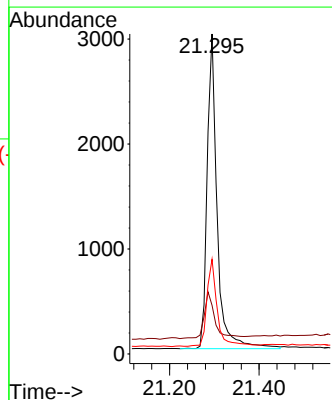
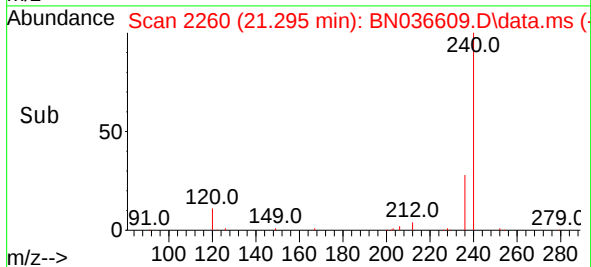
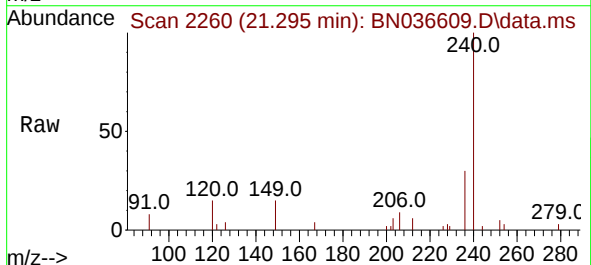


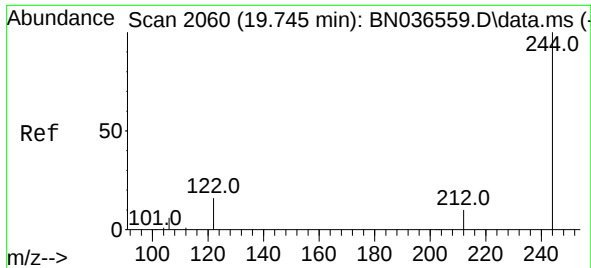
Tgt Ion:212 Resp: 7553
Ion Ratio Lower Upper
212 100
106 14.5 11.8 17.6
104 8.8 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036609.D
Acq: 14 Mar 2025 16:11

Tgt Ion:240 Resp: 4660
Ion Ratio Lower Upper
240 100
120 15.2 14.6 22.0
236 29.6 24.1 36.1

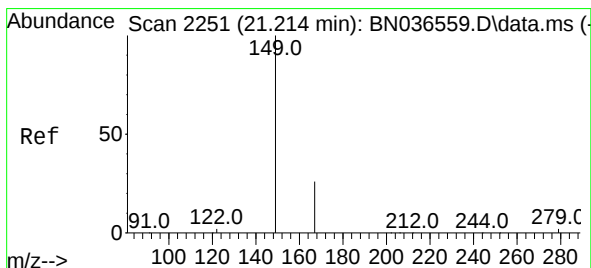
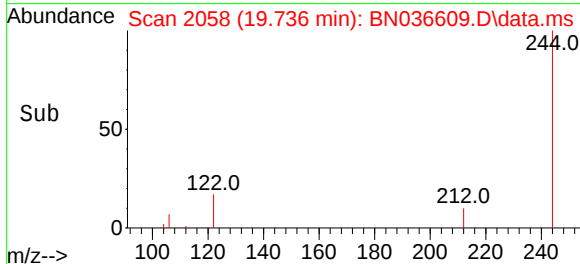
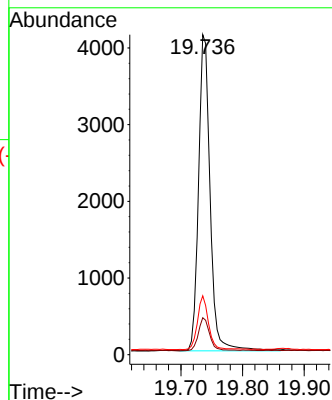
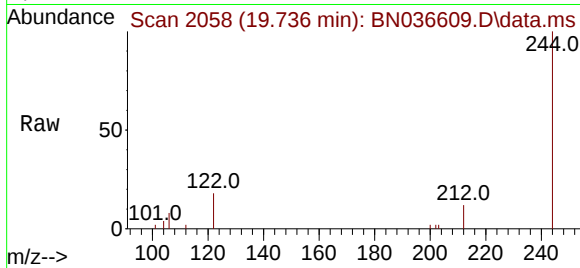




#31
 Terphenyl-d14
 Concen: 0.483 ng
 RT: 19.736 min Scan# 2060
 Delta R.T. -0.009 min
 Lab File: BN036609.D
 Acq: 14 Mar 2025 16:11

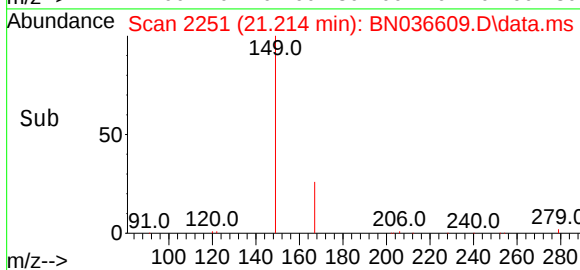
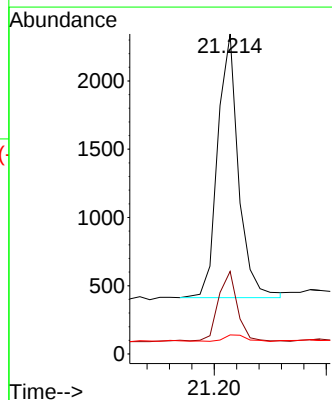
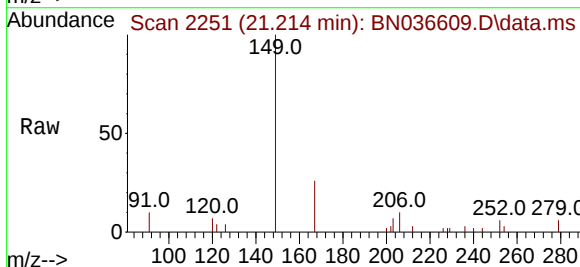
Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-20250312

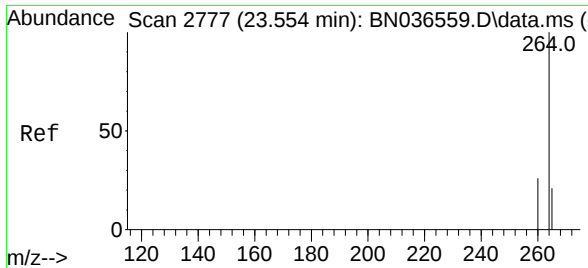
Tgt Ion:244 Resp: 5394
 Ion Ratio Lower Upper
 244 100
 212 11.6 9.6 14.4
 122 18.4 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.216 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BN036609.D
 Acq: 14 Mar 2025 16:11

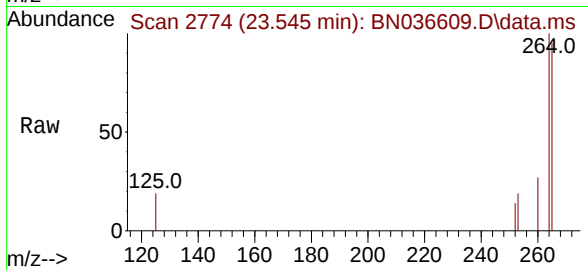
Tgt Ion:149 Resp: 2496
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.7 31.1
 279 2.7 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.545 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036609.D
 Acq: 14 Mar 2025 16:11

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-20250312



Tgt Ion: 264 Resp: 3938

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.6	33.8
265	95.4	88.1	132.1

