

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036674.D
 Acq On : 18 Mar 2025 00:39
 Operator : RC/JU
 Sample : Q1582-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20250314

Quant Time: Mar 18 01:19:25 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)

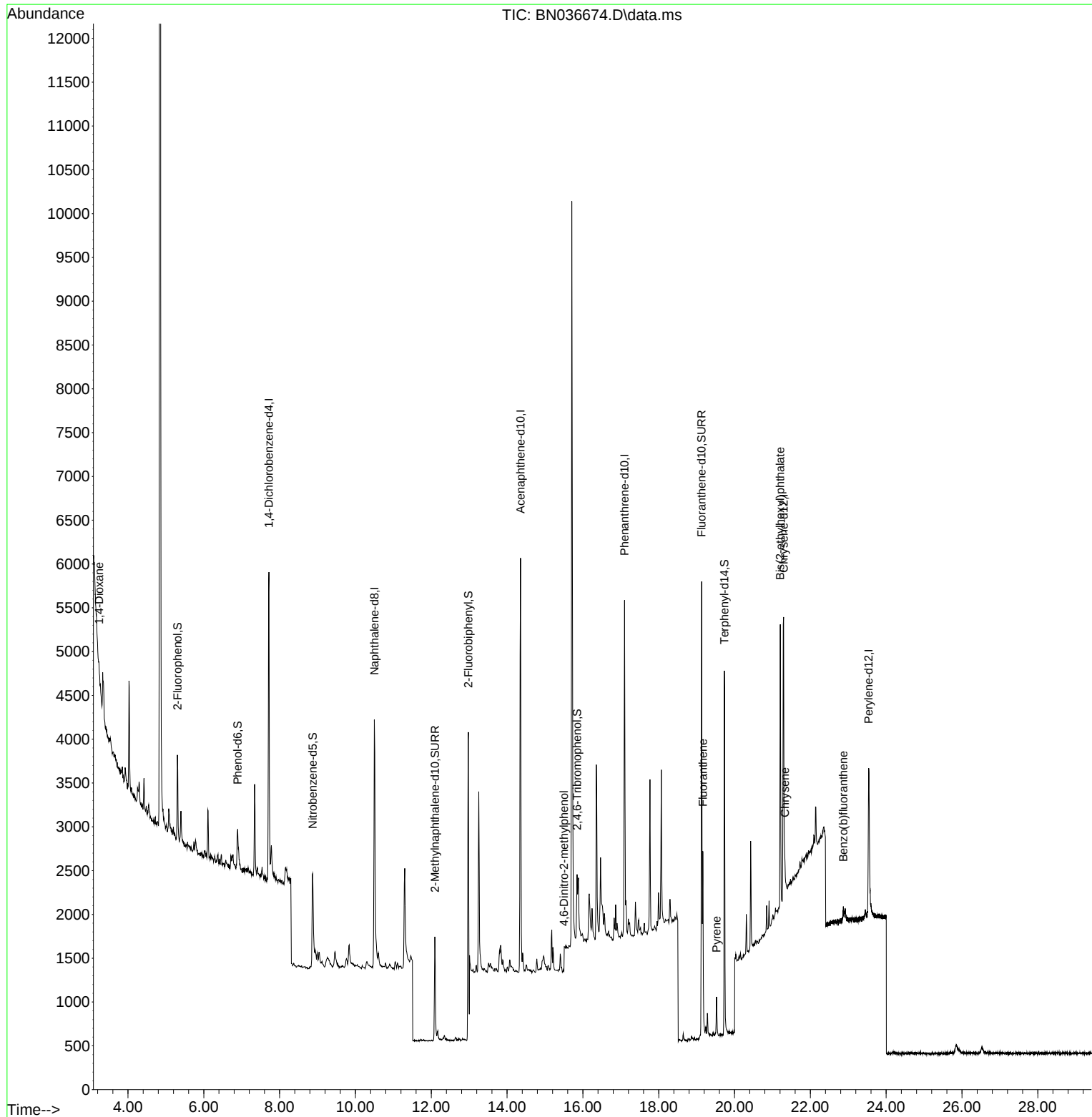
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1843	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4422	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2743	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5303	0.400	ng	-0.01
29) Chrysene-d12	21.295	240	3399	0.400	ng	0.00
35) Perylene-d12	23.540	264	2777	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	692	0.161	ng	0.00
5) Phenol-d6	6.894	99	458	0.086	ng	0.00
8) Nitrobenzene-d5	8.875	82	1347	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1913	0.291	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	454	0.365	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	4694	0.294	ng	-0.01
27) Fluoranthene-d10	19.132	212	5847	0.430	ng	0.00
31) Terphenyl-d14	19.736	244	4142	0.509	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	89	0.044	ng	# 44
20) 4,6-Dinitro-2-methylph...	15.499	198	8	0.152	ng	# 1
28) Fluoranthene	19.164	202	392	0.022	ng	# 5
30) Pyrene	19.527	202	368	0.022	ng	# 91
33) Chrysene	21.331	228	263	0.020	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.205	149	3167	0.376	ng	# 94
37) Benzo(b)fluoranthene	22.870	252	210	0.021	ng	# 1

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

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Misc :
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Instrument :
BNA_N
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BPOW1-7-20250314

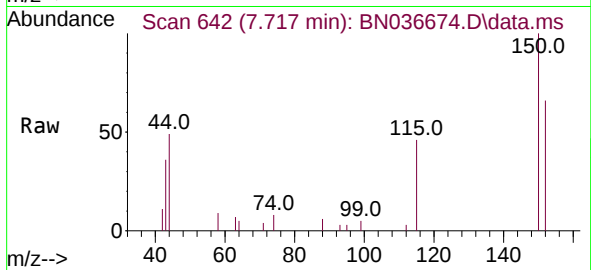
Quant Time: Mar 18 01:19:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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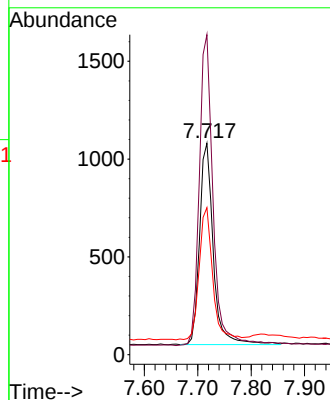
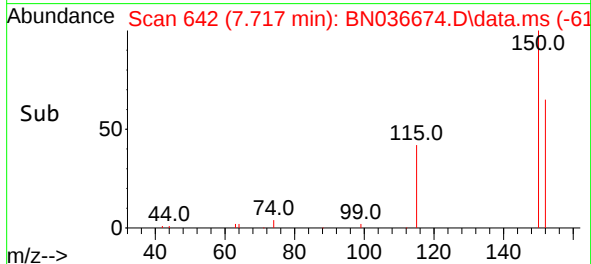


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20250314

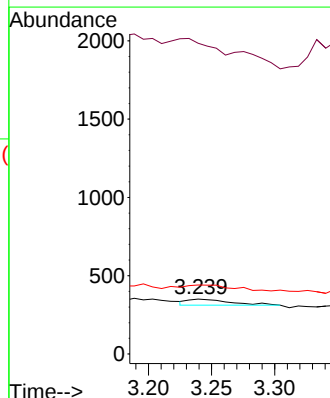
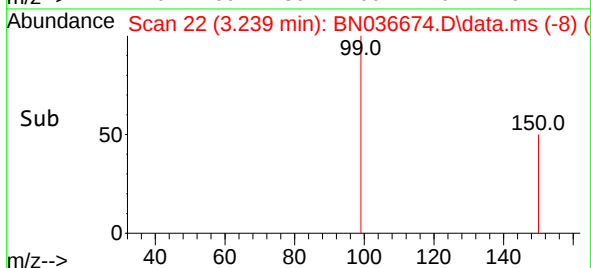
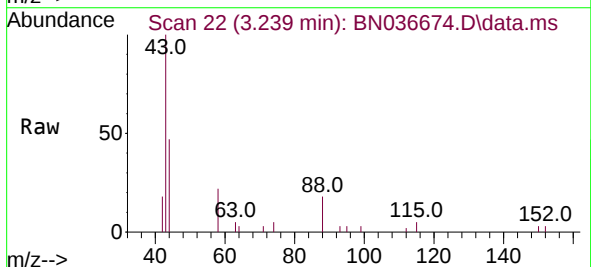


Tgt Ion:152 Resp: 1843
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.7 185.5
 115 69.6 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.044 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

Tgt Ion: 88 Resp: 89
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.8 56.8#
 58 128.1 67.4 101.2#

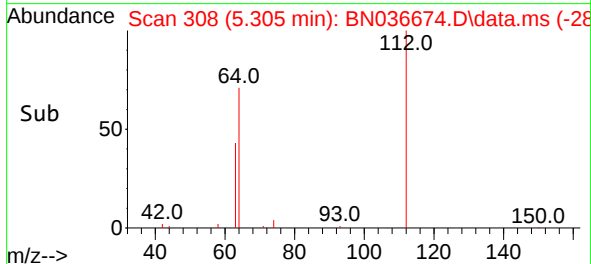
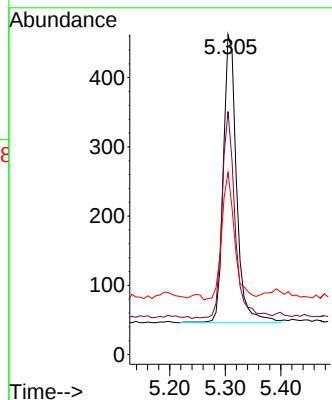
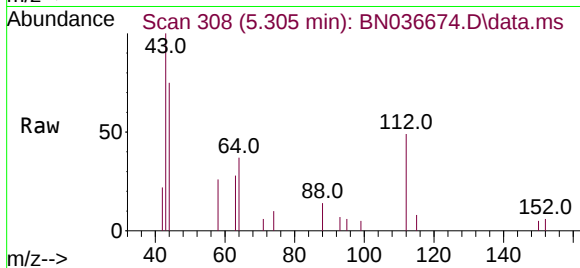




#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

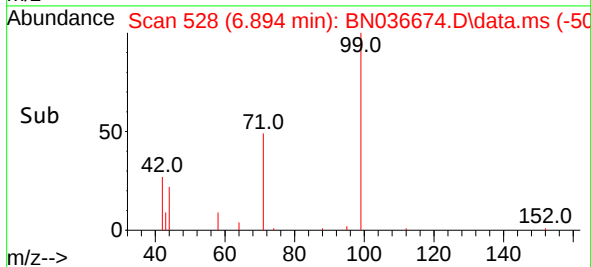
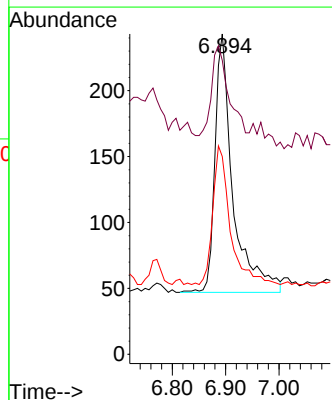
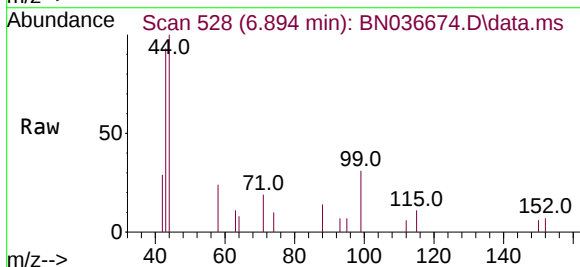
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20250314

Tgt Ion:112 Resp: 692
Ion Ratio Lower Upper
112 100
64 69.9 53.1 79.7
63 42.8 31.8 47.8



#5
Phenol-d6
Concen: 0.086 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

Tgt Ion: 99 Resp: 458
Ion Ratio Lower Upper
99 100
42 34.9 26.5 39.7
71 52.8 34.1 51.1#

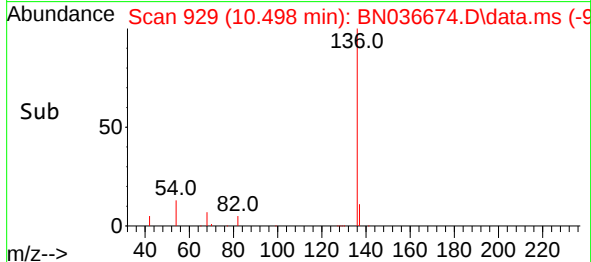
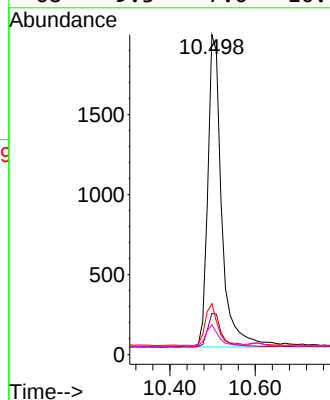
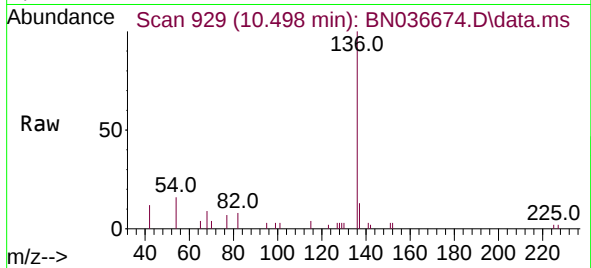




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

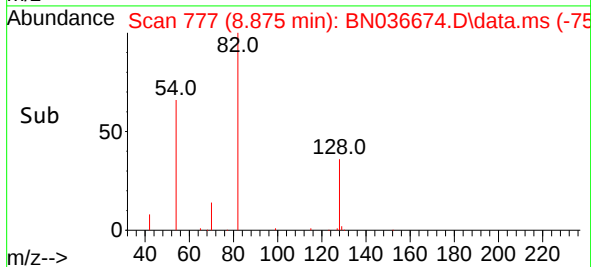
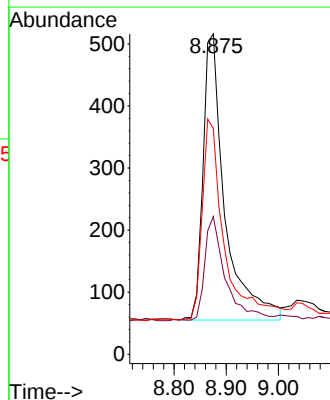
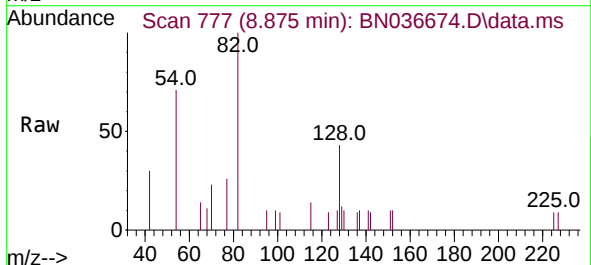
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20250314

Tgt Ion:	136	Resp:	4422
Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.3	15.5
54	16.0	11.5	17.3
68	9.3	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

Tgt Ion:	82	Resp:	1347
Ion	Ratio	Lower	Upper
82	100		
128	43.0	30.6	45.8
54	70.5	52.2	78.4

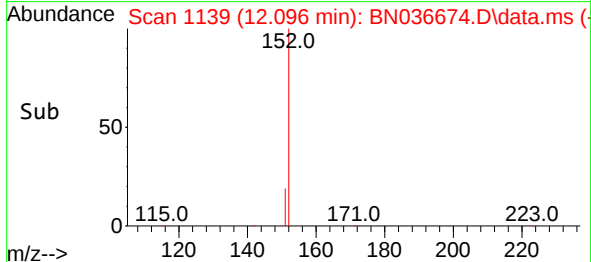
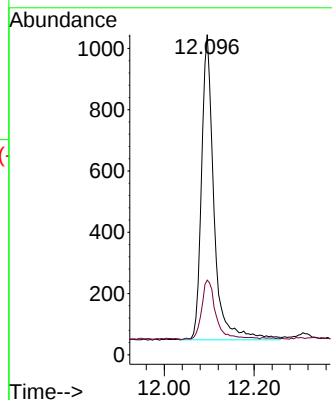
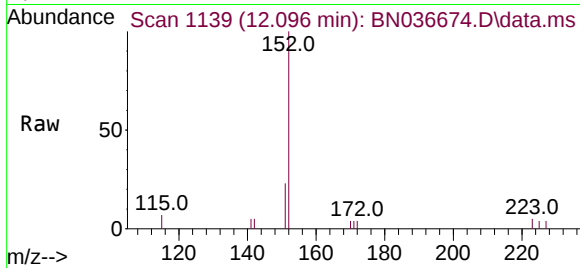




#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.096 min Scan# 1139
Delta R.T. -0.015 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

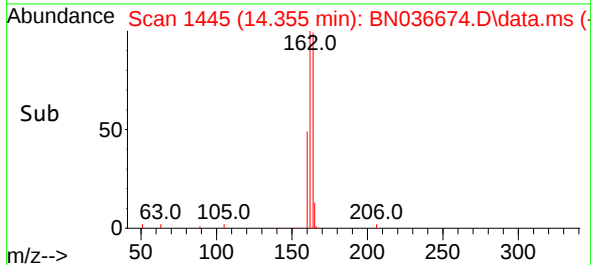
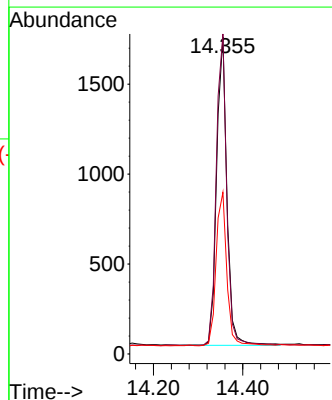
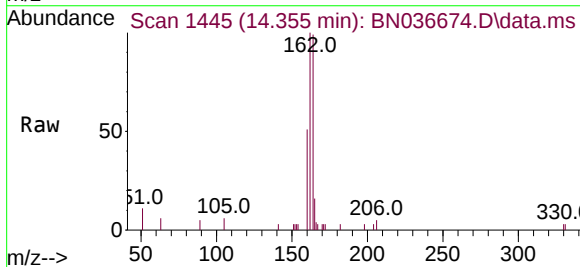
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20250314

Tgt Ion:152 Resp: 1913
Ion Ratio Lower Upper
152 100
151 21.6 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: BN036674.D
Acq: 18 Mar 2025 00:39

Tgt Ion:164 Resp: 2743
Ion Ratio Lower Upper
164 100
162 100.9 84.2 126.2
160 51.0 42.2 63.2

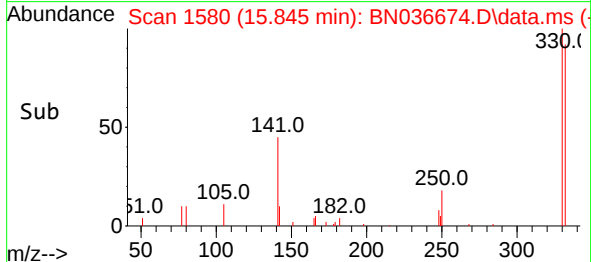
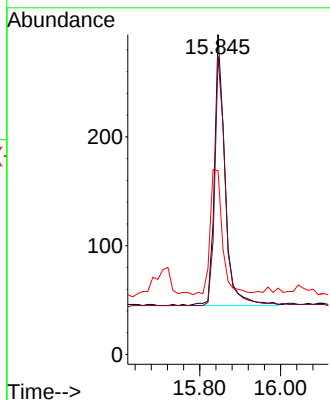
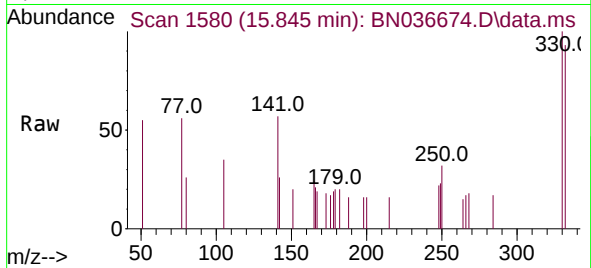




#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

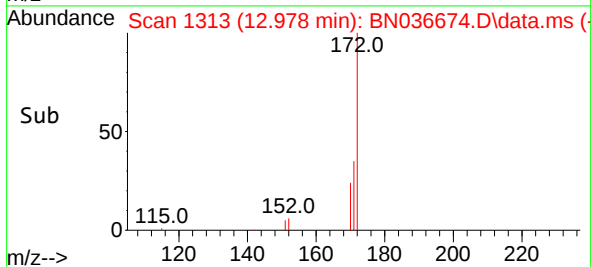
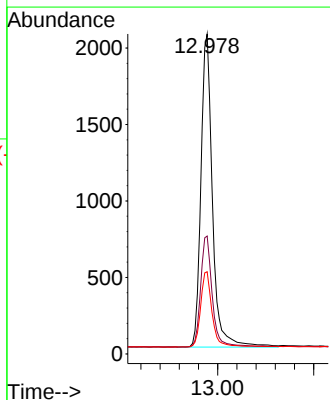
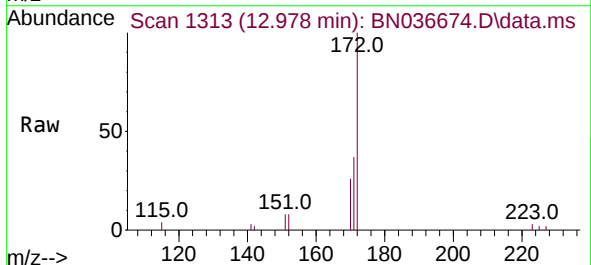
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20250314

Tgt Ion:330 Resp: 454
Ion Ratio Lower Upper
330 100
332 92.1 75.2 112.8
141 54.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

Tgt Ion:172 Resp: 4694
Ion Ratio Lower Upper
172 100
171 36.9 29.5 44.3
170 25.7 20.2 30.4

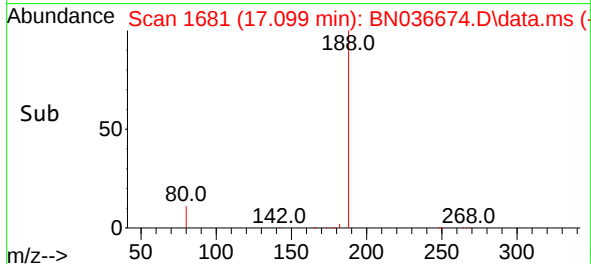
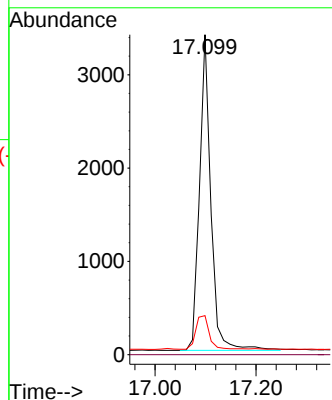
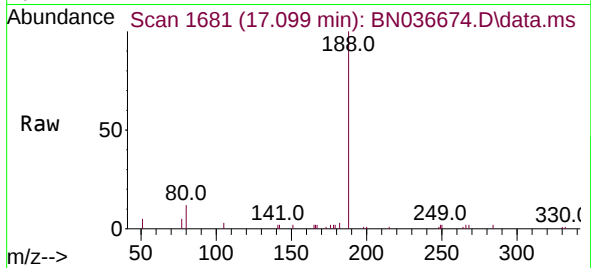




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

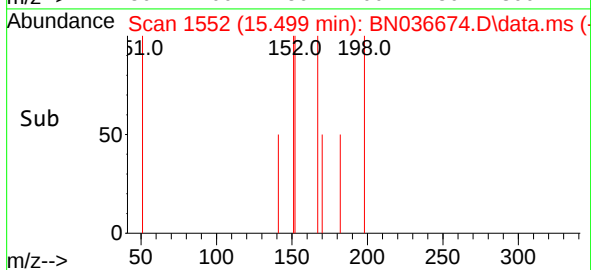
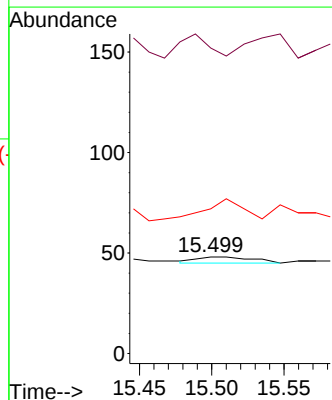
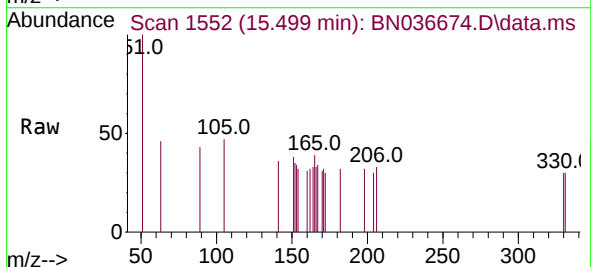
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ClientSampleId :
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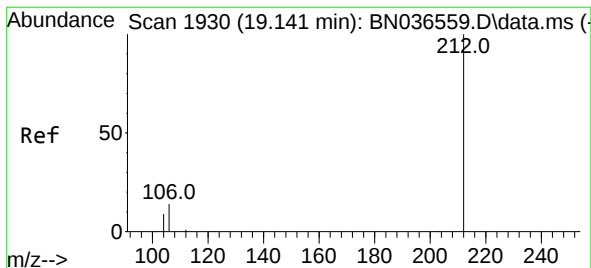
Tgt Ion:188 Resp: 5303
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.152 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 316.7 107.9 161.9#
105 150.0 56.2 84.2#





#27

Fluoranthene-d10

Concen: 0.430 ng

RT: 19.132 min Scan# 1930

Delta R.T. -0.009 min

Lab File: BN036674.D

Acq: 18 Mar 2025 00:39

Instrument :

BNA_N

ClientSampleId :

BPOW1-7-20250314

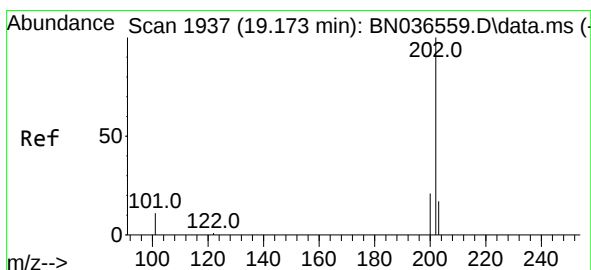
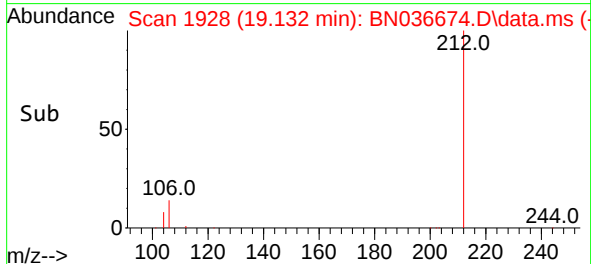
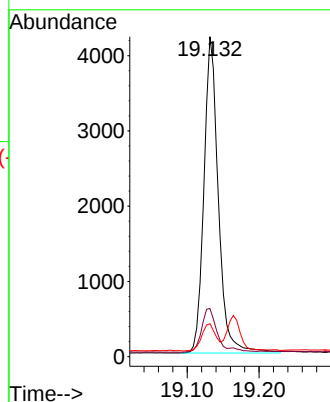
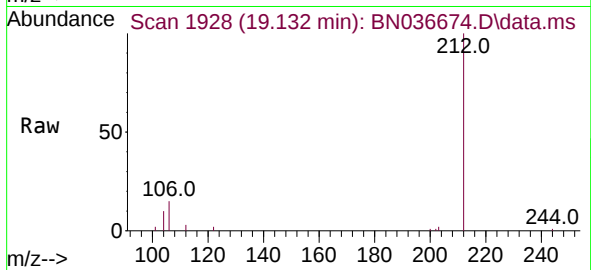
Tgt Ion:212 Resp: 5847

Ion Ratio Lower Upper

212 100

106 15.1 11.8 17.6

104 8.4 7.3 10.9



#28

Fluoranthene

Concen: 0.022 ng

RT: 19.164 min Scan# 1935

Delta R.T. -0.009 min

Lab File: BN036674.D

Acq: 18 Mar 2025 00:39

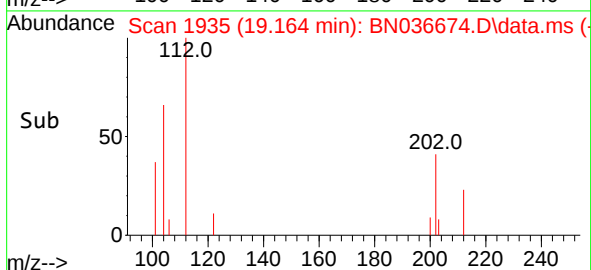
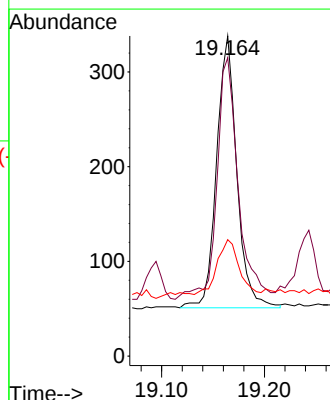
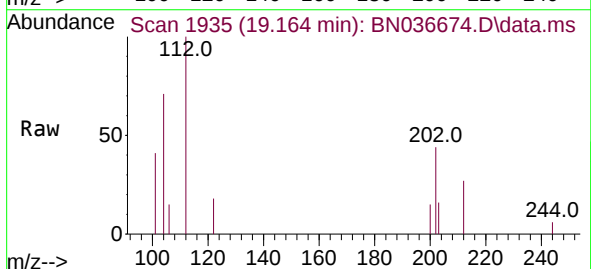
Tgt Ion:202 Resp: 392

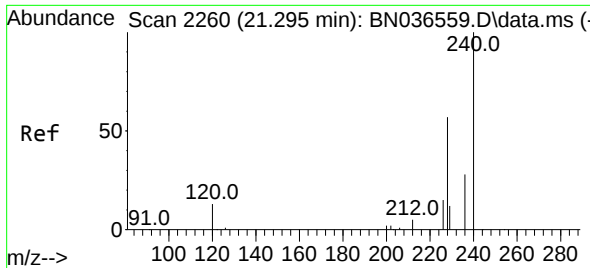
Ion Ratio Lower Upper

202 100

101 94.9 9.4 14.0#

203 22.2 13.5 20.3#

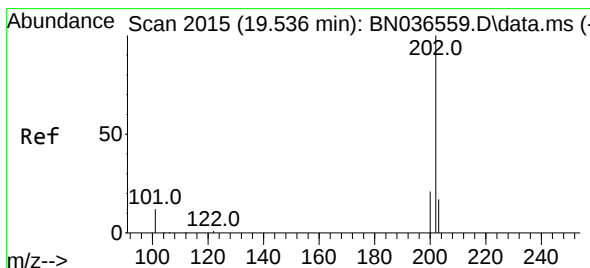
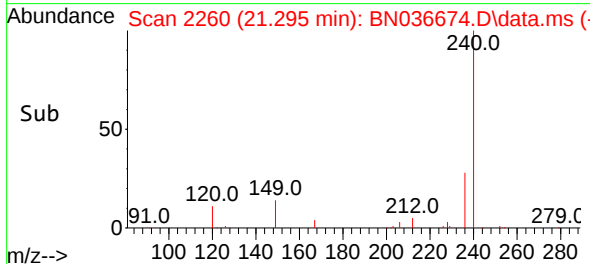
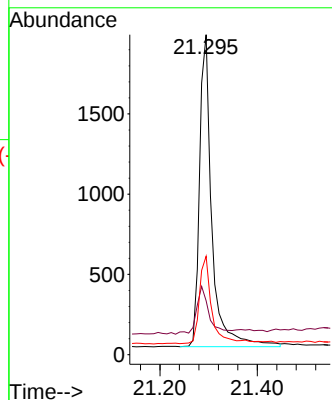
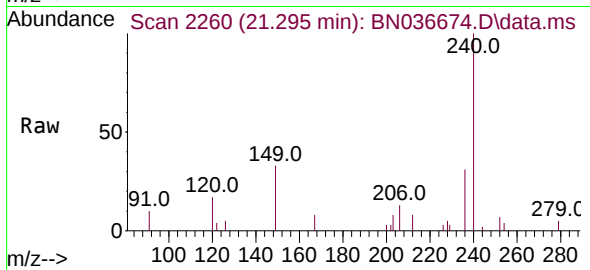




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

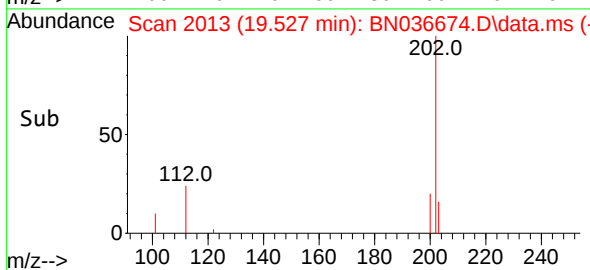
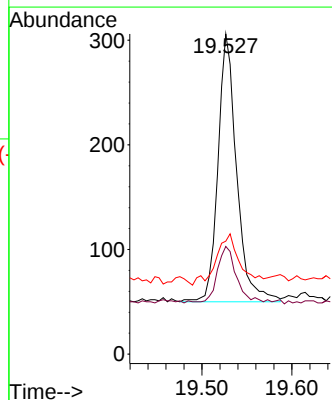
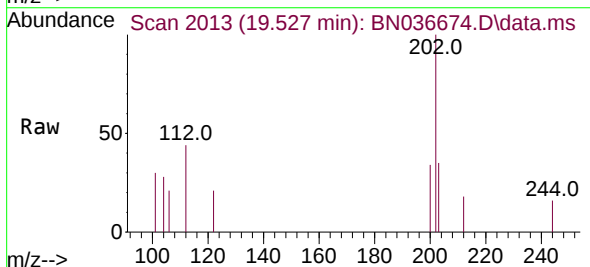
Instrument :
BNA_N
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BPOW1-7-20250314

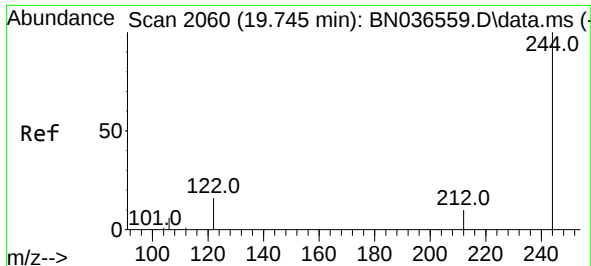
Tgt Ion:240 Resp: 3399
Ion Ratio Lower Upper
240 100
120 16.9 14.6 22.0
236 30.7 24.1 36.1



#30
Pyrene
Concen: 0.022 ng
RT: 19.527 min Scan# 2013
Delta R.T. -0.009 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

Tgt Ion:202 Resp: 368
Ion Ratio Lower Upper
202 100
200 20.1 17.1 25.7
203 24.5 14.1 21.1#

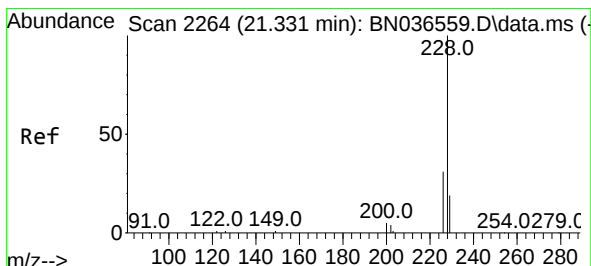
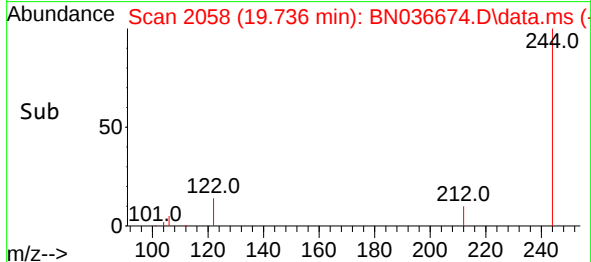
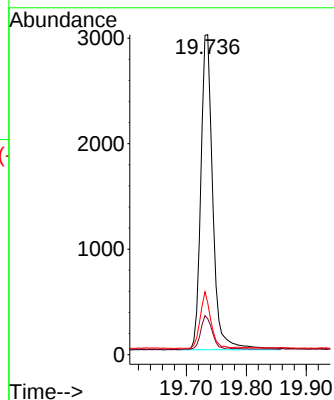
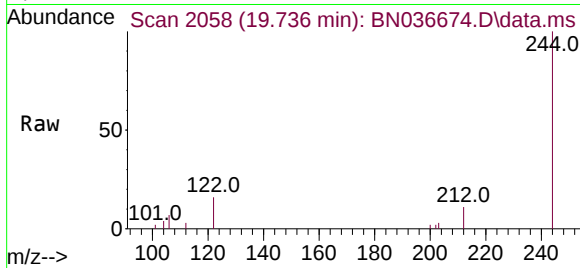




#31
 Terphenyl-d14
 Concen: 0.509 ng
 RT: 19.736 min Scan# 2058
 Delta R.T. -0.009 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

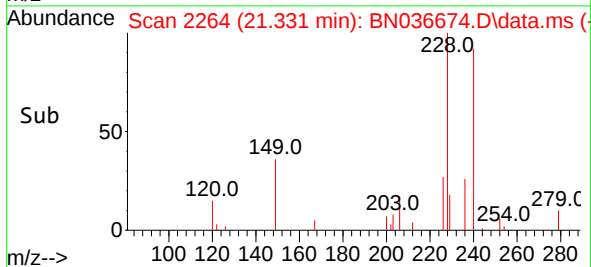
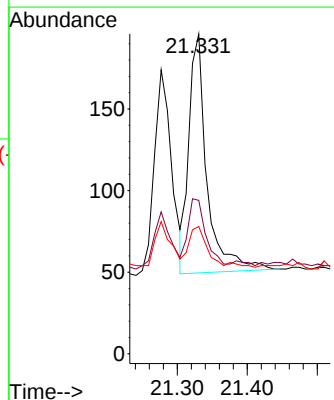
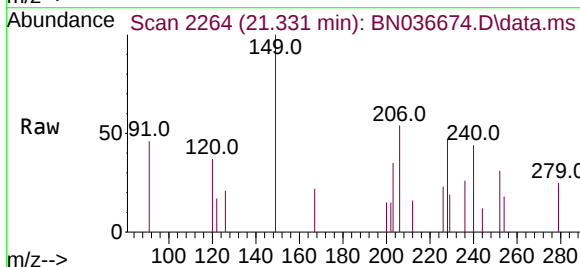
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20250314

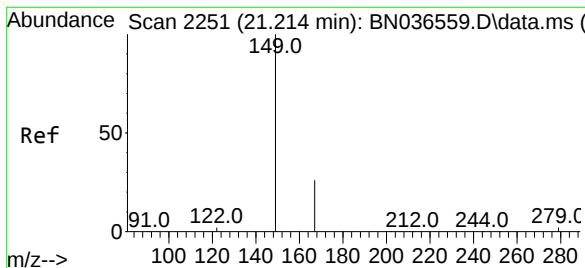
Tgt Ion:244	Resp:	4142
Ion Ratio	Lower	Upper
244	100	
212	11.2	9.6 14.4
122	16.2	13.9 20.9



#33
 Chrysene
 Concen: 0.020 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

Tgt Ion:228	Resp:	263
Ion Ratio	Lower	Upper
228	100	
226	48.0	25.3 37.9#
229	39.8	15.8 23.8#

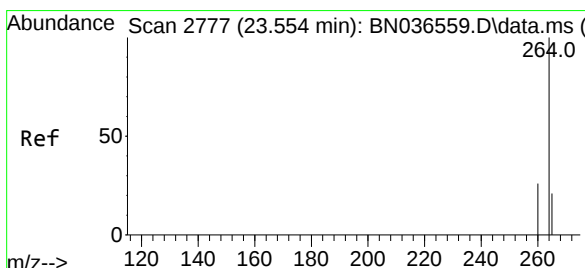
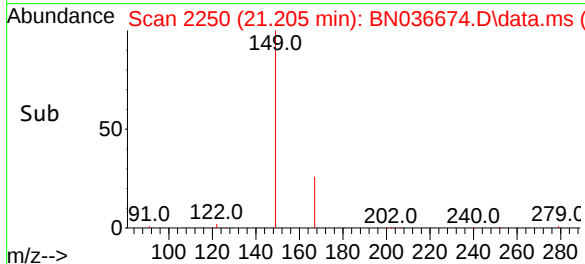
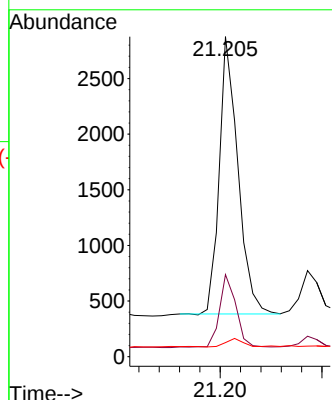
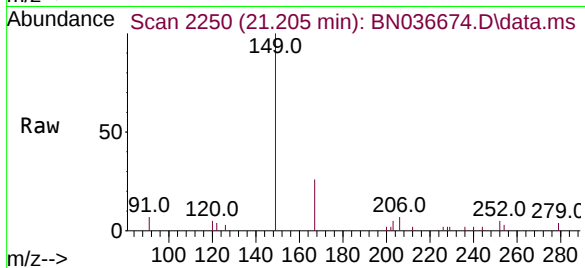




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.376 ng
 RT: 21.205 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

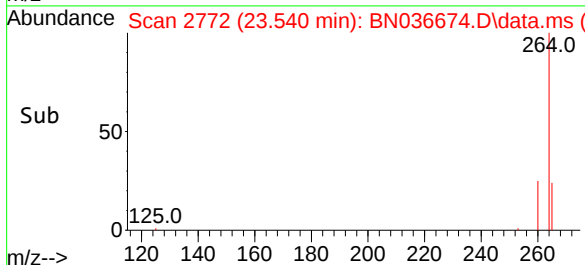
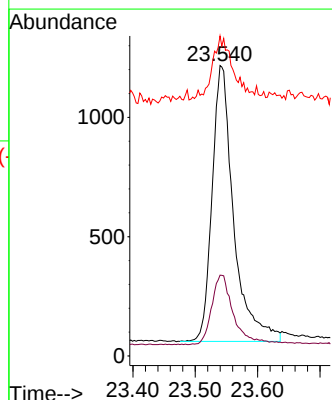
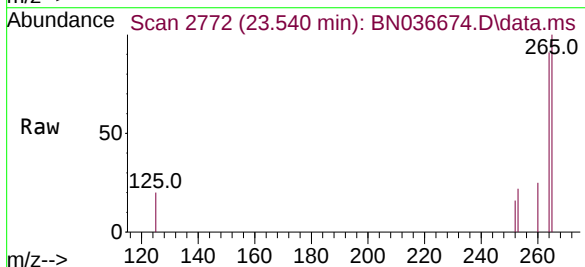
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20250314

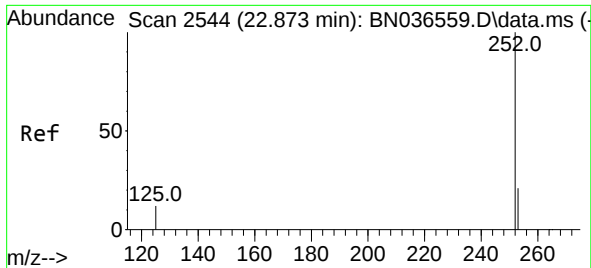
Tgt Ion:149 Resp: 3167
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.7 31.1
 279 2.8 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.540 min Scan# 2772
 Delta R.T. -0.015 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

Tgt Ion:264 Resp: 2777
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.6 33.8
 265 110.2 88.1 132.1





#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 22.870 min Scan# 210

Delta R.T. -0.003 min

Lab File: BN036674.D

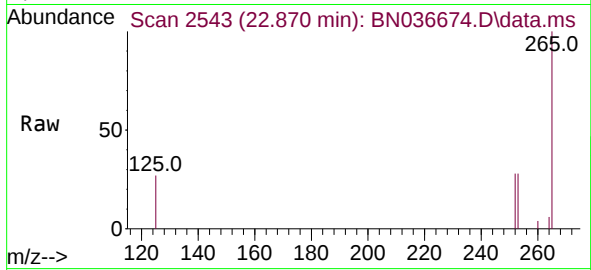
Acq: 18 Mar 2025 00:39

Instrument :

BNA_N

ClientSampleId :

BPOW1-7-20250314



Tgt Ion:252 Resp: 210

Ion Ratio Lower Upper

252 100

253 99.7 23.9 35.9#

125 97.0 17.4 26.2#

