

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036670.D
 Acq On : 17 Mar 2025 22:15
 Operator : RC/JU
 Sample : Q1582-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250313

Quant Time: Mar 18 00:56:22 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)

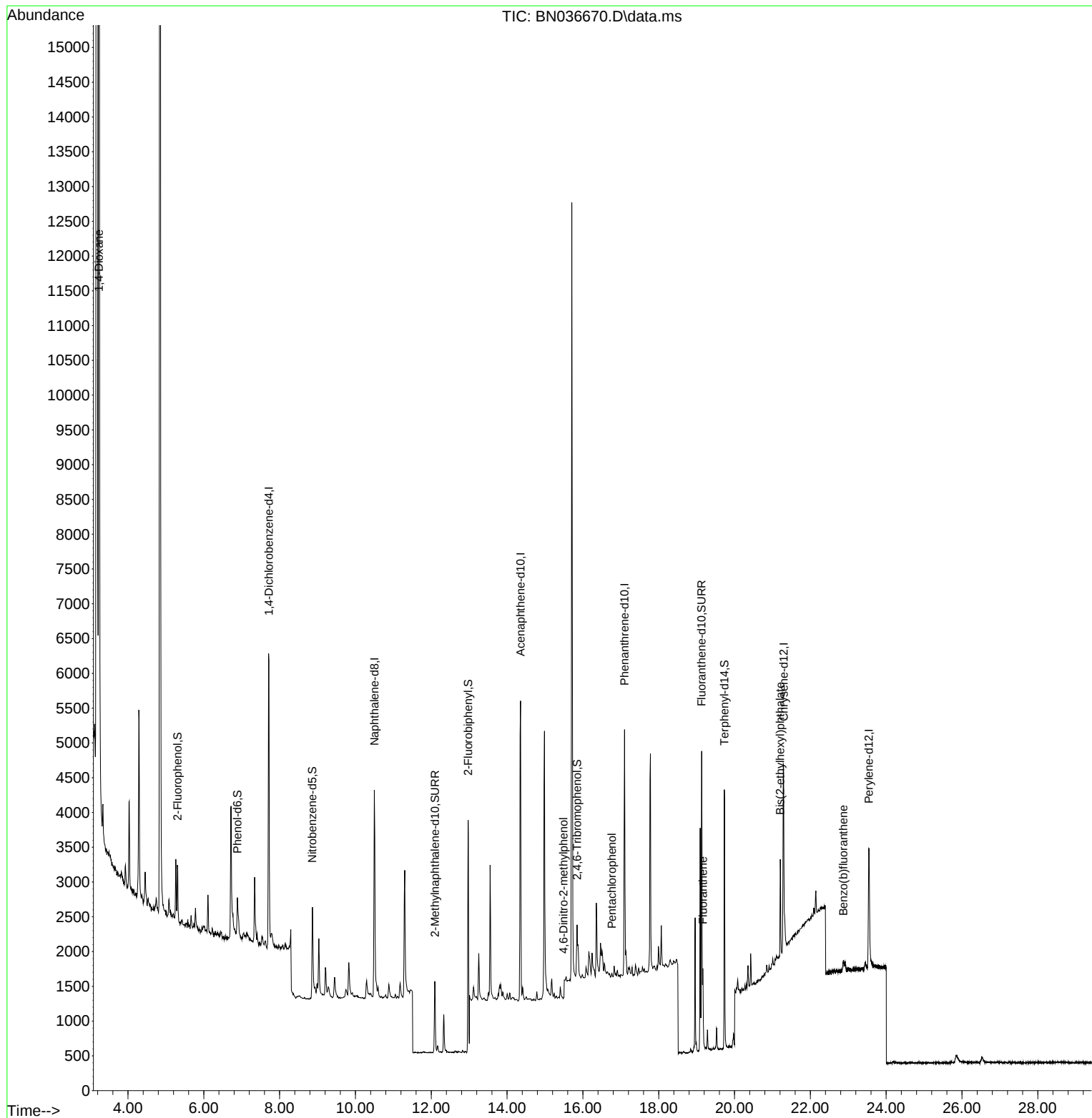
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1739	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4240	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2511	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4784	0.400	ng	-0.01
29) Chrysene-d12	21.295	240	3199	0.400	ng	0.00
35) Perylene-d12	23.543	264	2740	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	589	0.145	ng	0.00
5) Phenol-d6	6.887	99	411	0.082	ng	-0.01
8) Nitrobenzene-d5	8.865	82	1227	0.266	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1567	0.248	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	414	0.363	ng	-0.01
15) 2-Fluorobiphenyl	12.973	172	3893	0.267	ng	-0.02
27) Fluoranthene-d10	19.132	212	5011	0.409	ng	0.00
31) Terphenyl-d14	19.731	244	3506	0.457	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.232	88	19588	10.154	ng	Qvalue 95
20) 4,6-Dinitro-2-methylph...	15.489	198	7	0.151	ng	# 1
24) Pentachlorophenol	16.764	266	47	0.028	ng	# 83
28) Fluoranthene	19.164	202	340	0.021	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.205	149	1463	0.185	ng	# 95
37) Benzo(b)fluoranthene	22.873	252	239	0.024	ng	# 1

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

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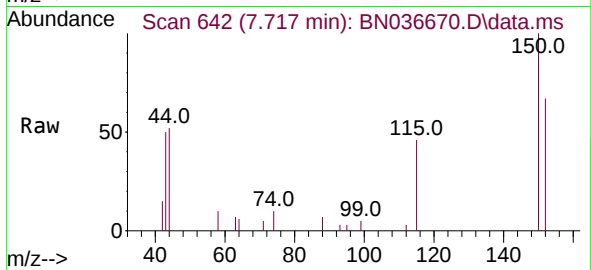
Quant Time: Mar 18 00:56:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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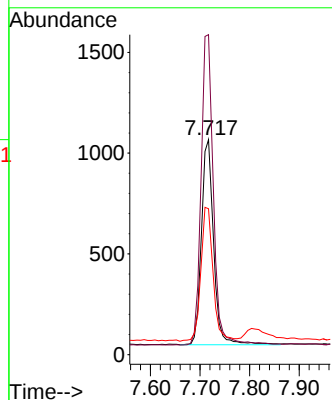
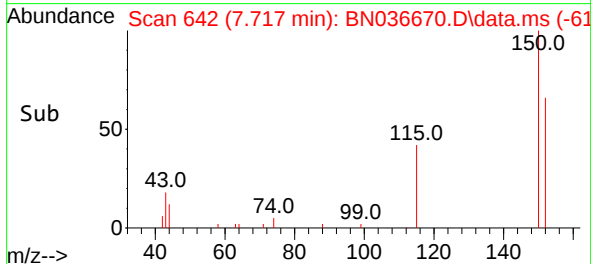
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036670.D
 Acq: 17 Mar 2025 22:15

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250313

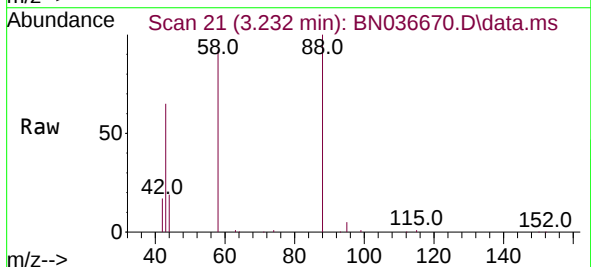


Tgt Ion:152 Resp: 1739

Ion	Ratio	Lower	Upper
152	100		
150	148.8	123.7	185.5
115	67.9	54.3	81.5

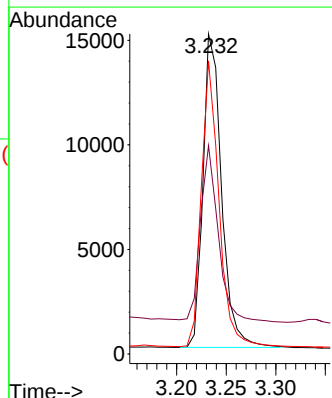
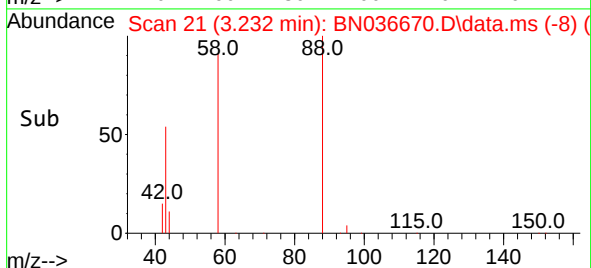


#2
 1,4-Dioxane
 Concen: 10.154 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036670.D
 Acq: 17 Mar 2025 22:15



Tgt Ion: 88 Resp: 19588

Ion	Ratio	Lower	Upper
88	100		
43	53.9	37.8	56.8
58	86.1	67.4	101.2

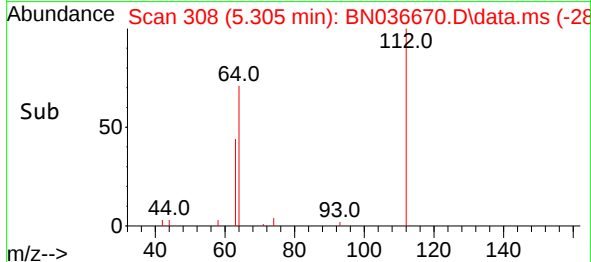
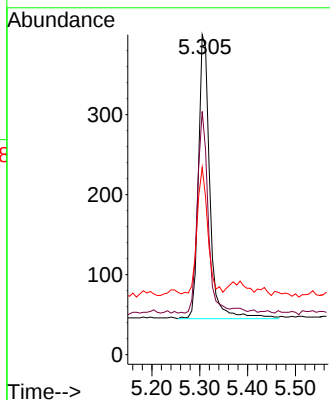
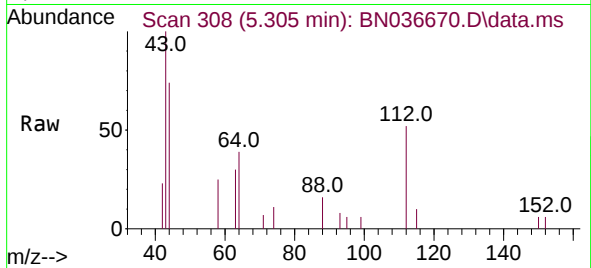




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

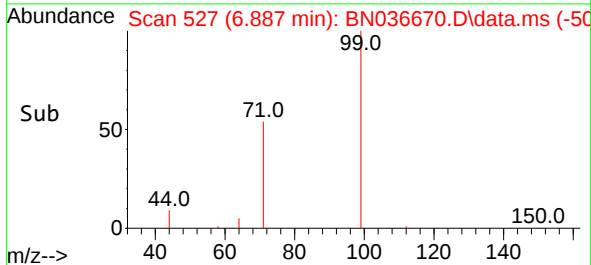
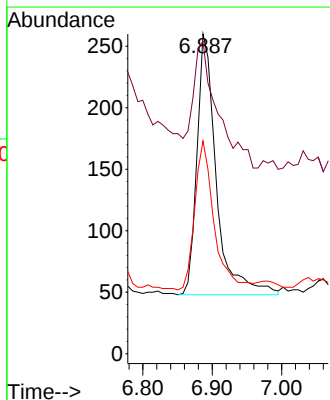
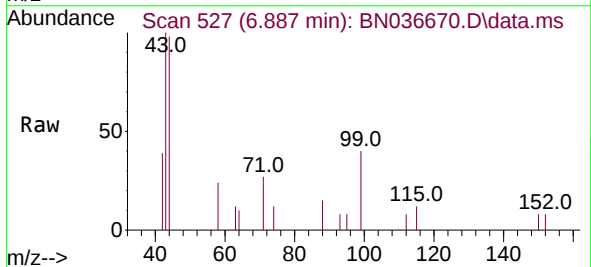
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

Tgt Ion:112 Resp: 589
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 43.3 31.8 47.8



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.014 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Tgt Ion: 99 Resp: 411
Ion Ratio Lower Upper
99 100
42 61.8 26.5 39.7#
71 57.2 34.1 51.1#

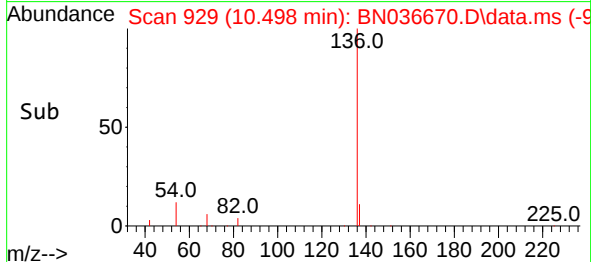
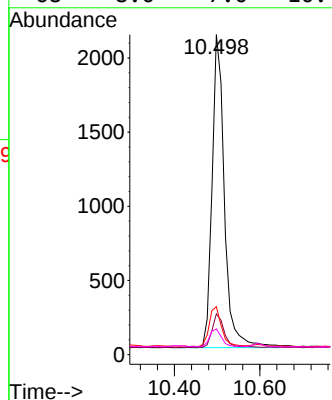
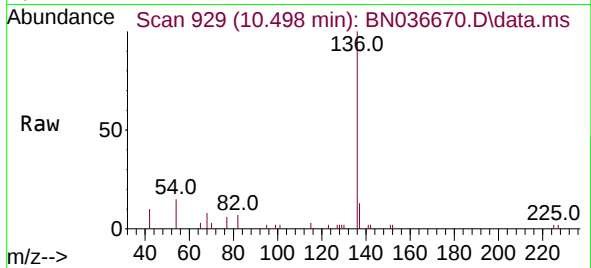




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

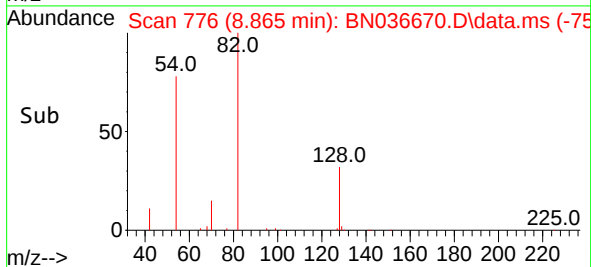
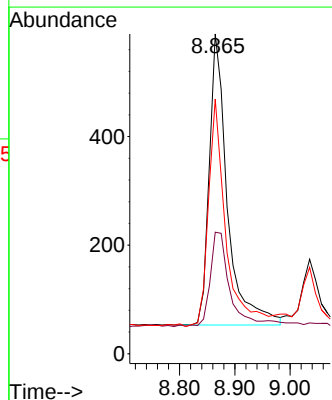
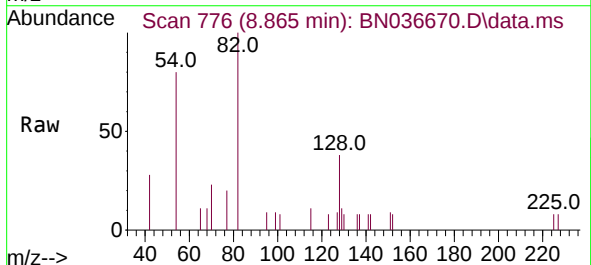
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

Tgt Ion:	136	Resp:	4240
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	15.0	11.5	17.3
68	8.0	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Tgt Ion:	82	Resp:	1227
Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.6	45.8
54	79.6	52.2	78.4

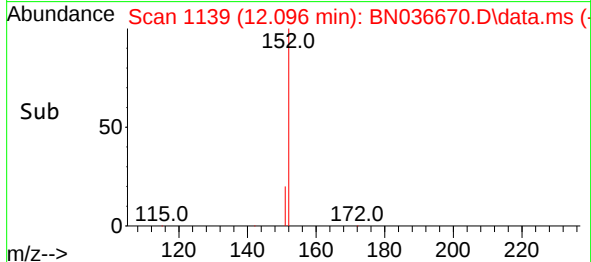
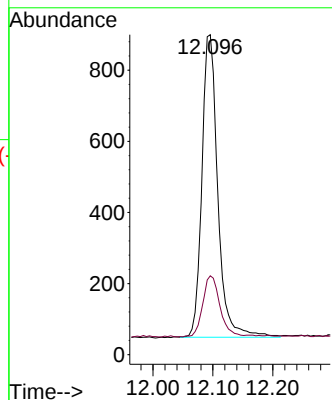
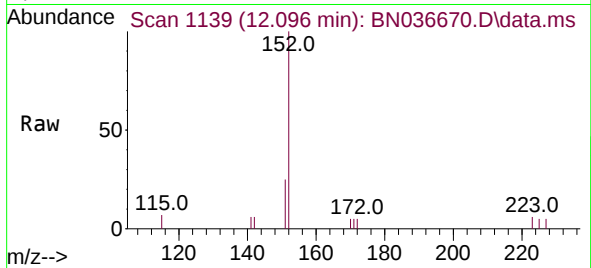




#11
2-Methylnaphthalene-d10
Concen: 0.248 ng
RT: 12.096 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

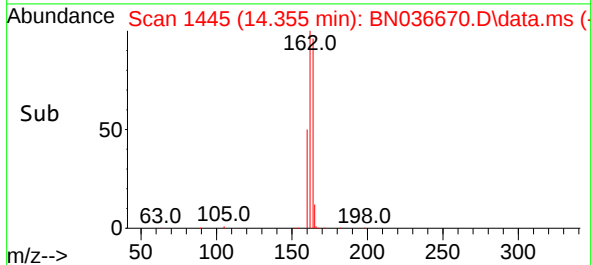
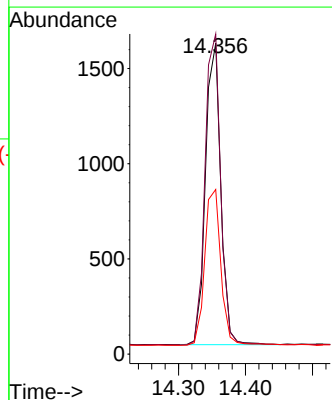
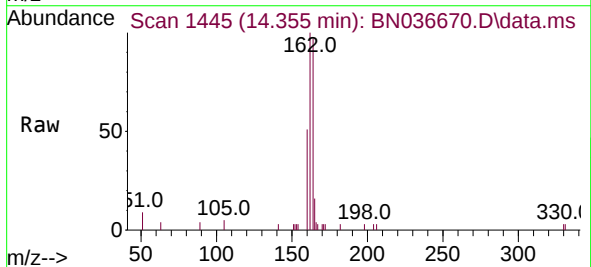
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

Tgt Ion:152 Resp: 1567
Ion Ratio Lower Upper
152 100
151 21.9 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: BN036670.D
Acq: 17 Mar 2025 22:15

Tgt Ion:164 Resp: 2511
Ion Ratio Lower Upper
164 100
162 103.0 84.2 126.2
160 53.0 42.2 63.2

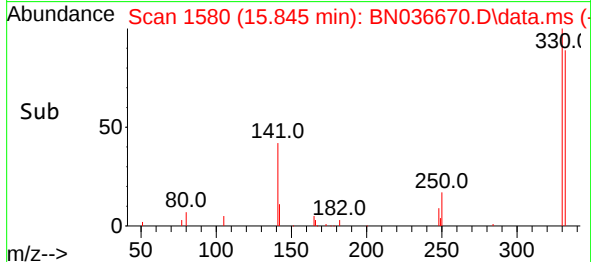
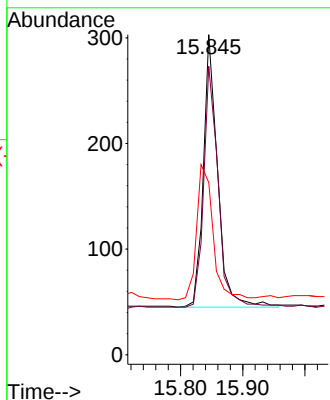
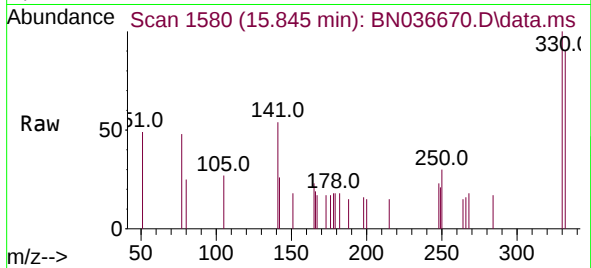




#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

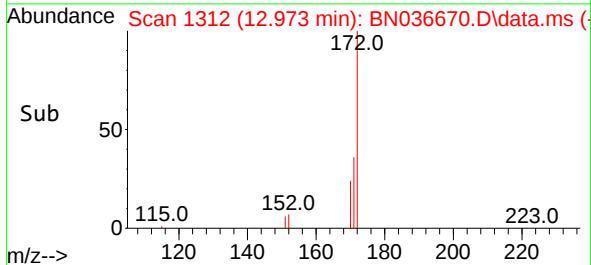
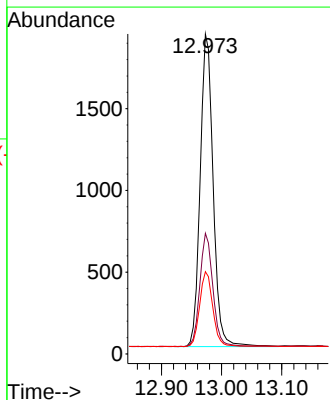
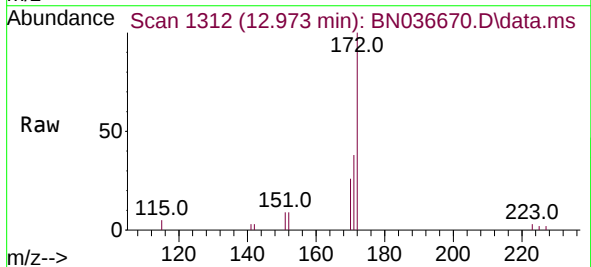
Instrument :
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ClientSampleId :
RE131D2-20250313

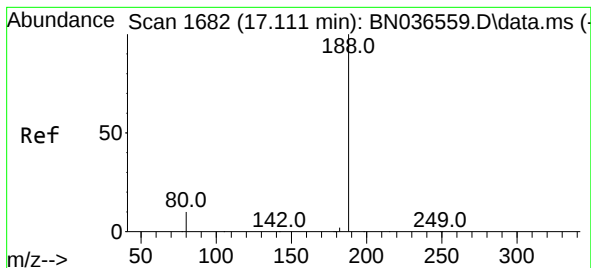
Tgt Ion:330 Resp: 414
Ion Ratio Lower Upper
330 100
332 90.3 75.2 112.8
141 57.0 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.015 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Tgt Ion:172 Resp: 3893
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 25.7 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN036670.D

Acq: 17 Mar 2025 22:15

Instrument :

BNA_N

ClientSampleId :

RE131D2-20250313

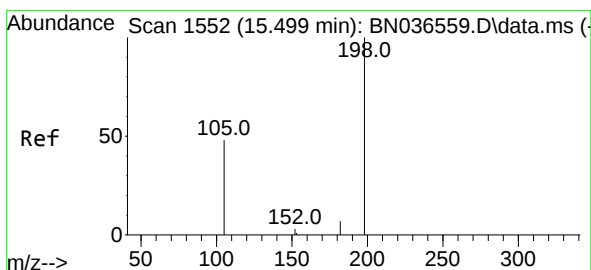
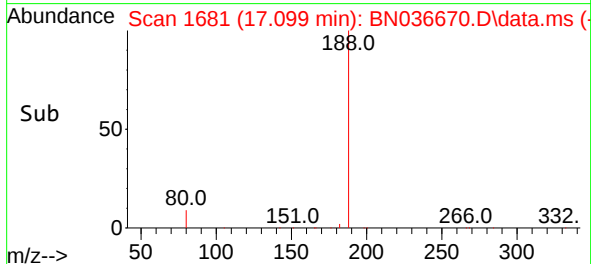
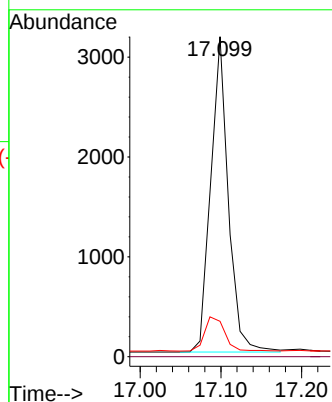
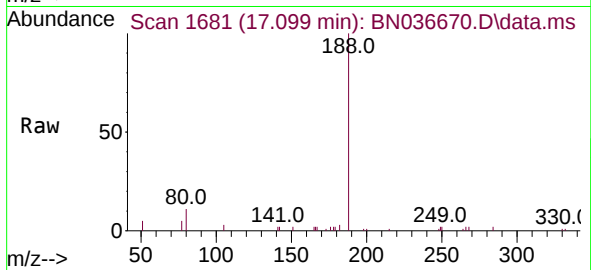
Tgt Ion:188 Resp: 4784

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.151 ng

RT: 15.489 min Scan# 1551

Delta R.T. -0.010 min

Lab File: BN036670.D

Acq: 17 Mar 2025 22:15

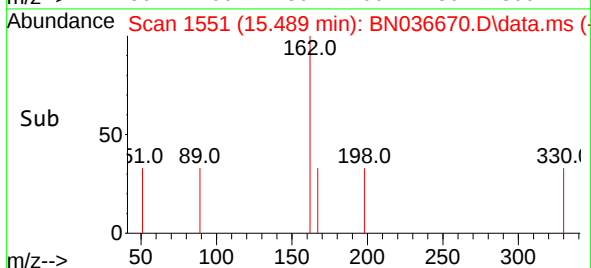
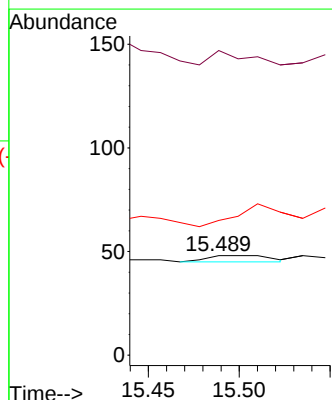
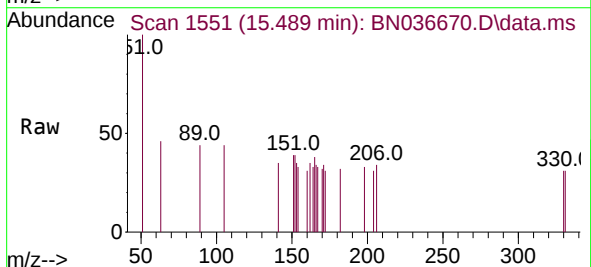
Tgt Ion:198 Resp: 7

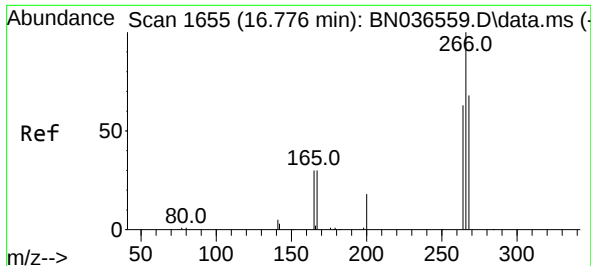
Ion Ratio Lower Upper

198 100

51 306.3 107.9 161.9#

105 135.4 56.2 84.2#

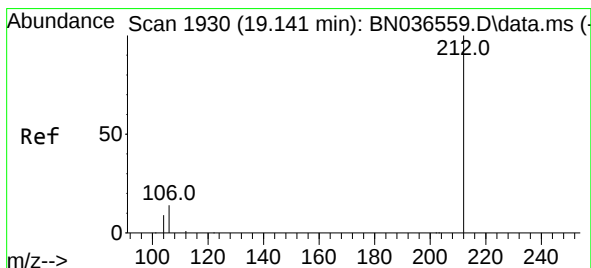
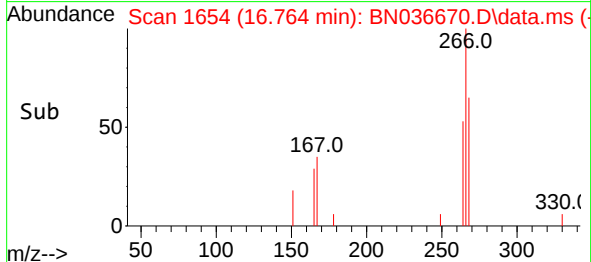
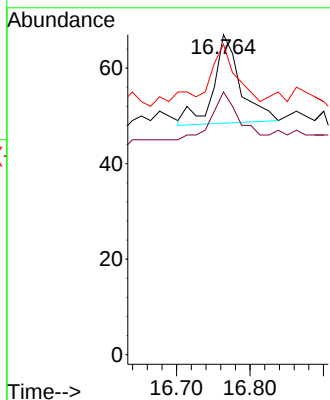
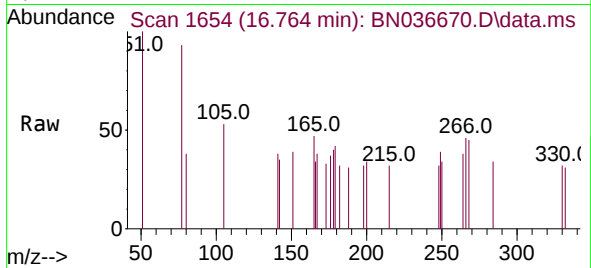




#24
 Pentachlorophenol
 Concen: 0.028 ng
 RT: 16.764 min Scan# 1654
 Delta R.T. -0.012 min
 Lab File: BN036670.D
 Acq: 17 Mar 2025 22:15

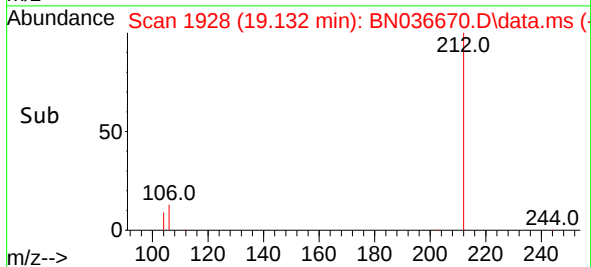
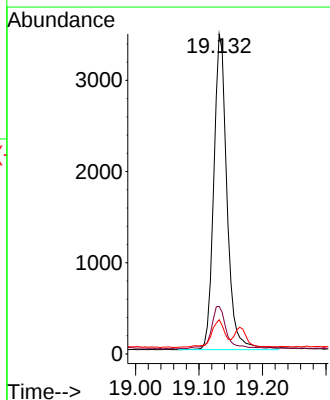
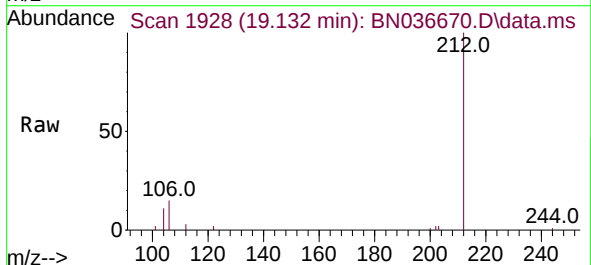
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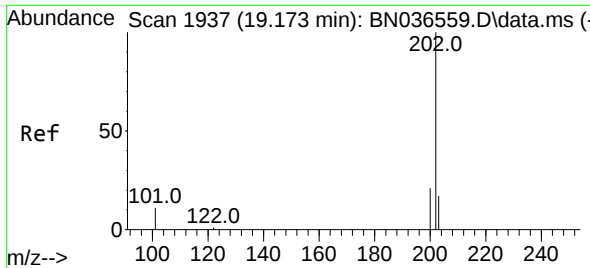
Tgt Ion:266 Resp: 47
 Ion Ratio Lower Upper
 266 100
 264 55.3 49.6 74.4
 268 83.0 50.9 76.3#



#27
 Fluoranthene-d10
 Concen: 0.409 ng
 RT: 19.132 min Scan# 1928
 Delta R.T. -0.009 min
 Lab File: BN036670.D
 Acq: 17 Mar 2025 22:15

Tgt Ion:212 Resp: 5011
 Ion Ratio Lower Upper
 212 100
 106 14.6 11.8 17.6
 104 9.1 7.3 10.9

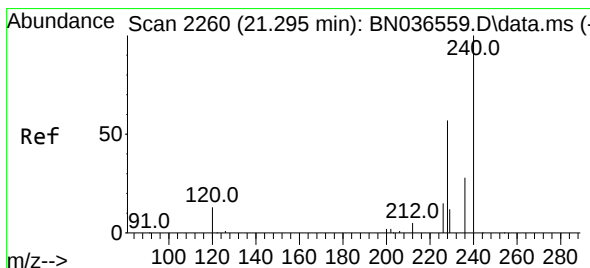
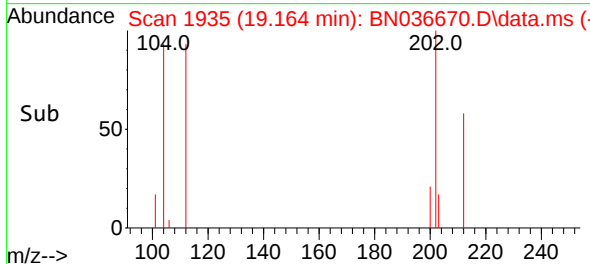
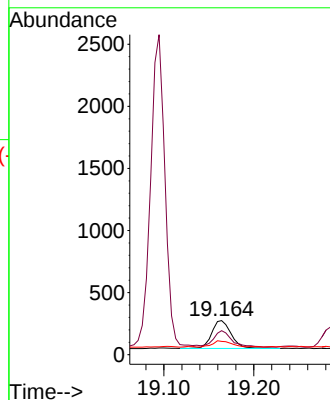
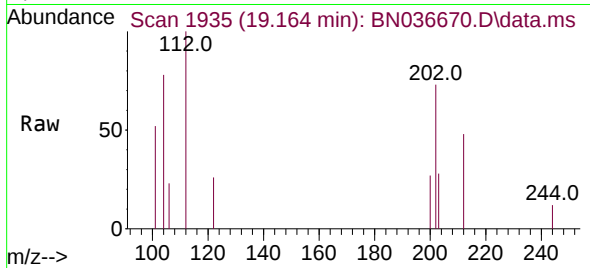




#28
Fluoranthene
Concen: 0.021 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.009 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

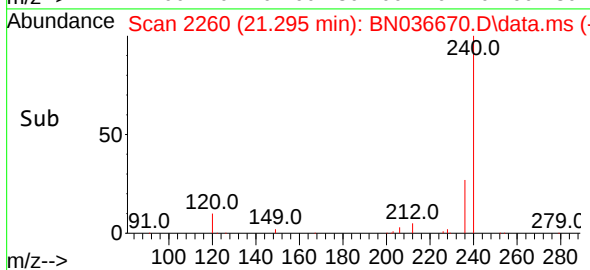
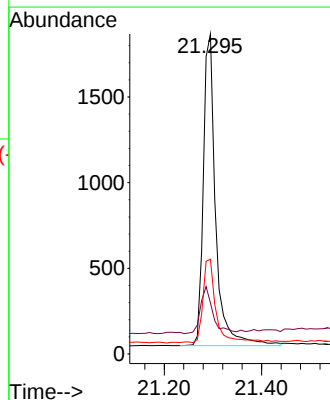
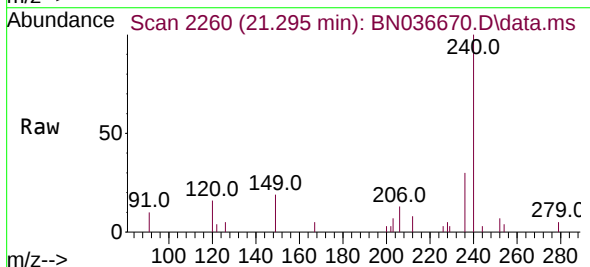
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

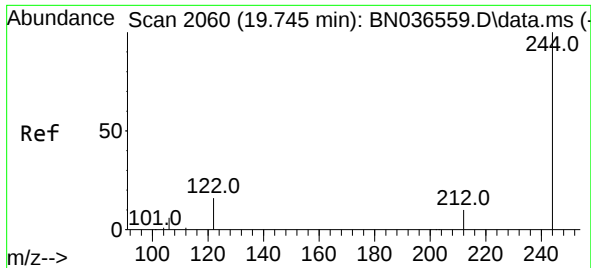
Tgt Ion:202 Resp: 340
Ion Ratio Lower Upper
202 100
101 53.5 9.4 14.0#
203 20.9 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

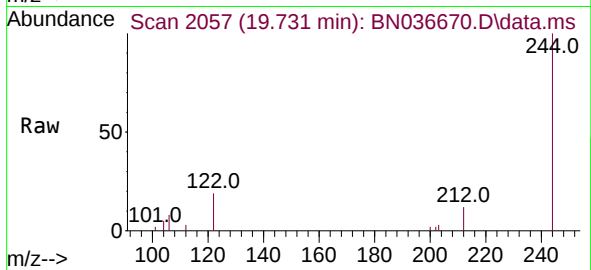
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Ion Ratio Lower Upper
240 100
120 16.0 14.6 22.0
236 29.6 24.1 36.1



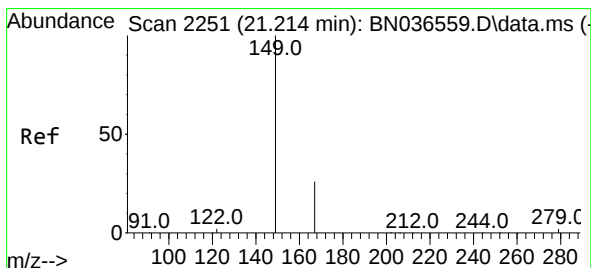
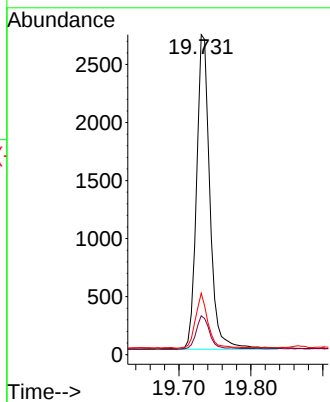
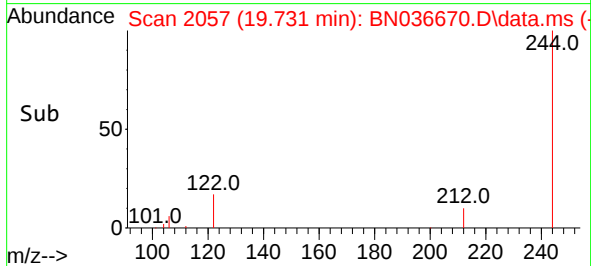


#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.731 min Scan# 2060
Delta R.T. -0.014 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313

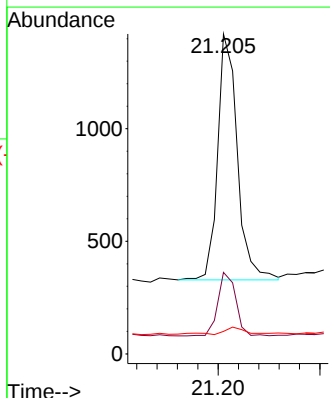
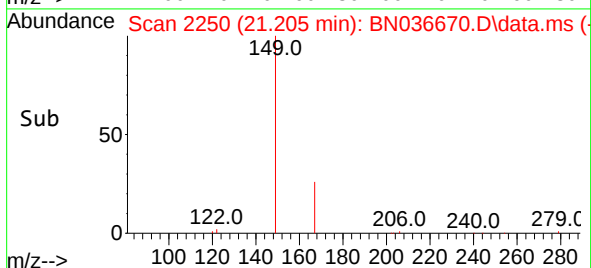
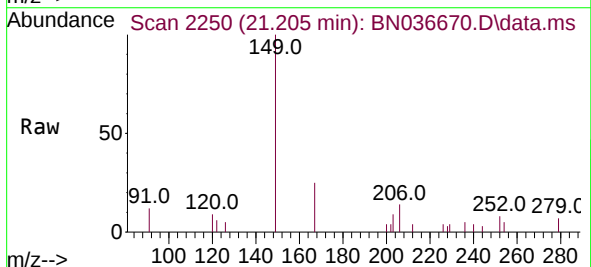


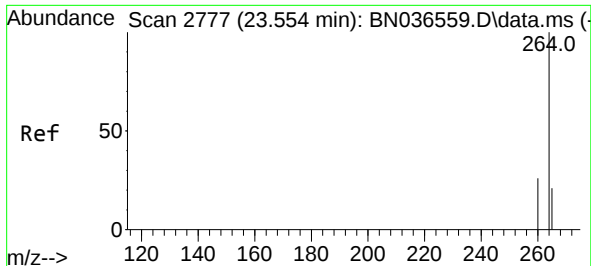
Tgt Ion:244 Resp: 3506
Ion Ratio Lower Upper
244 100
212 12.2 9.6 14.4
122 19.2 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.185 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

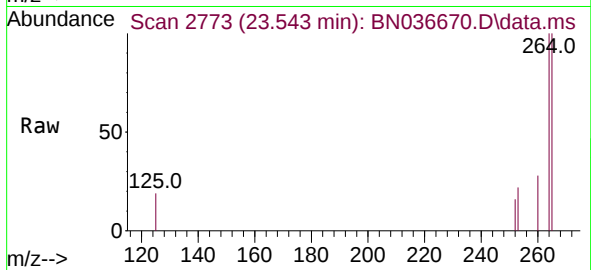
Tgt Ion:149 Resp: 1463
Ion Ratio Lower Upper
149 100
167 23.4 20.7 31.1
279 2.9 3.6 5.4#



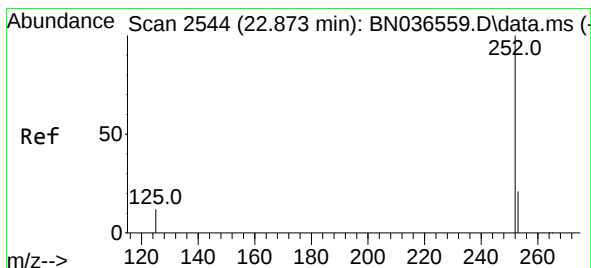
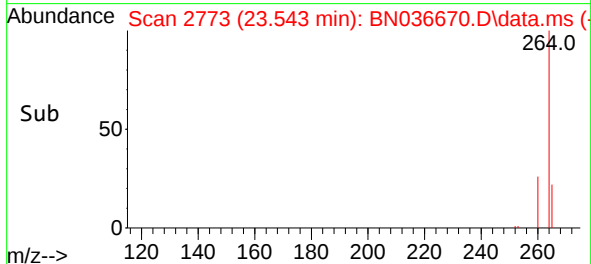
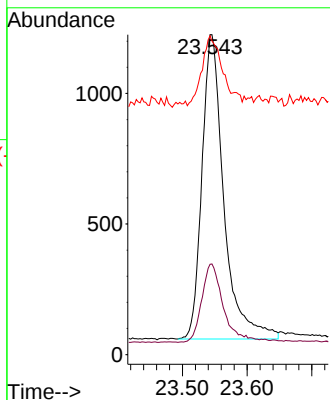


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.543 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Instrument :
BNA_N
ClientSampleId :
RE131D2-20250313



Tgt Ion:264 Resp: 2740
Ion Ratio Lower Upper
264 100
260 28.2 22.6 33.8
265 99.7 88.1 132.1



#37
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 22.873 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BN036670.D
Acq: 17 Mar 2025 22:15

Tgt Ion:252 Resp: 239
Ion Ratio Lower Upper
252 100
253 95.8 23.9 35.9#
125 85.8 17.4 26.2#

